GRINDTECH

energising engines- worldwide

- PISTON RINGS
- ANILLOS PARA PISTÓN
- SEGMENTS DE PISTON

CATALOGUE

2017

About us

Grindlays Engine Parts (P) Ltd is a certified manufacturer of high performance engine parts in India with its powerful presence in international market also. We are a 50 year old company with a legacy of quality and timely delivery. Grindtech is a trusted name for developing, manufacturing and selling OE, replacement, and aftermarket engine parts for over 5 decades. We manufacture a wide range of products such as Piston Rings, Pistons and Liners. We supply to different Automobile and Industrial companies manufacturing engines and engine parts in the European market, US market, South American market, African market, and Asian markets. We have an in-house team of engine experts and technicians to deliver high precision and reliable products and our products are available under the GRINDTECH brand.

INTRODUCTION

The piston ring can be fitted without altering the piston ring grooves, except the removal of existing oil carbon. The design of the rings in material and specification is based on the original equipment of the engine manufactures. Names, description, part numbers, logos and other data of vehicles and manufacturers are mentioned for comparison purpose or reference purpose only . The piston rings of this catalogue are in GRINDTECH spare part quality.

This catalogue has been compiled and controlled very carefully. Nevertheless, we are not liable for any mistakes or omissions. Furthermore, we reserve the right to make technical alterations in ring specification resulting from the constant technological development in the field of piston rings.

The choice of ring-sets offered in our catalogue is subject to constantly changing. should you be looking for ring-sets which are not mentioned in this catalogue, please ask our staff. Upon release of this catalogue all earlier versions will become invalid.

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CERTIFICATIONS

As we feel sure that out products as well as out service will withstand every exam, we gladly have our quality confirmed by external auditors. For this reason we are certified according to ISO 9001:2008. So you may always rely on our service and the quality of our products.

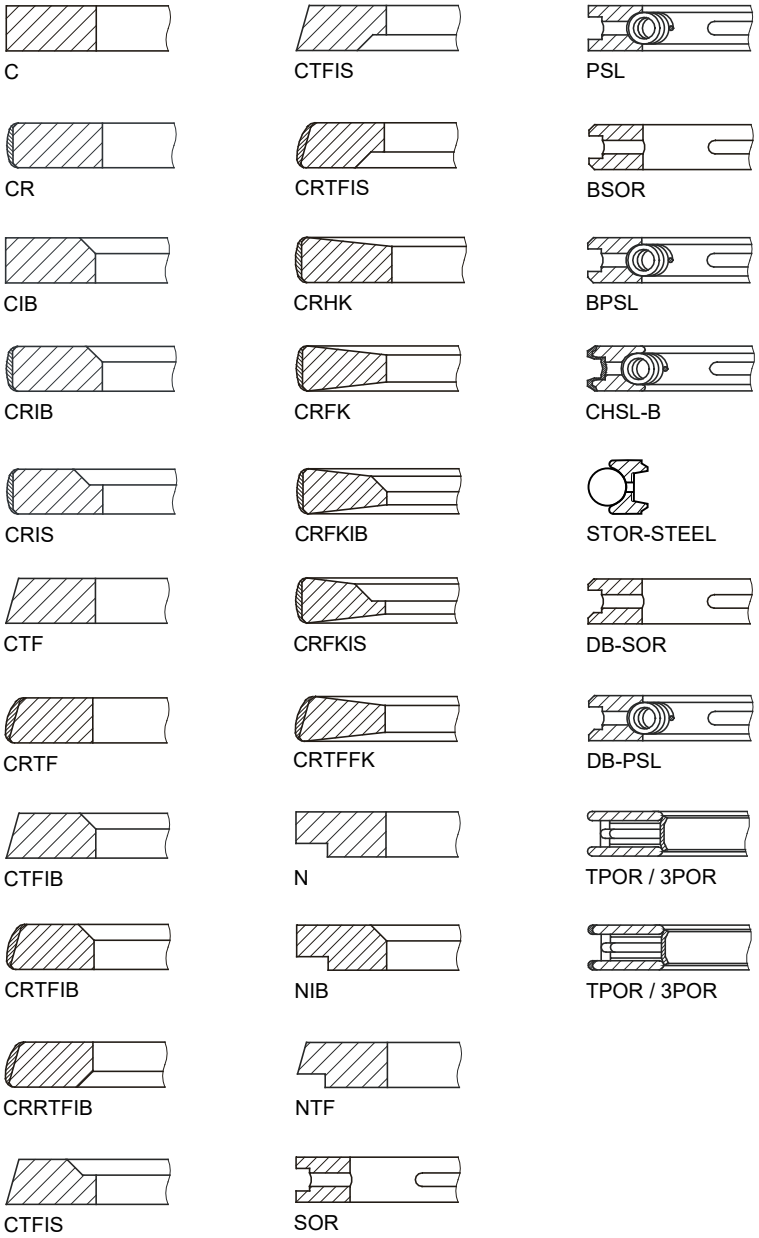
RING TYPES

MATERIALS

GCI	Grey Cast Iron
SGI	Spheroidal Graphite Iron
S	Steel

COATING / PLATINGS

CT / CH	Chrome
M	Plasma Moly
NIT	Nitriding
PER	Perkerisation
CoF	Copper Flash
Sn	TIN



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ACURA

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
ACURA									
D16A1	Honda	G-AC-01	1590	4	3	75	1.2, 1.5, 2.8	CR, IBTF, 3POR	S, GCI, S
D16Y8	Honda VTEC	G-AC-02	1590	4	3	75	1, 1.2, 2.8	CR, IBTF, 3POR	S, GCI, S
B17A1	Honda VTEC	G-AC-03	1678	4	3	81	1, 1.2, 2.8	CR, N, 3POR	S, GCI, S
B18C1	Honda VTEC	G-AC-04	1797	4	3	81	1, 1.2, 2.8	CR, N, 3POR	S, GCI, S
B18A1	Honda	G-AC-05	1834	4	3	81	1, 1.2, 2.8	CR, N, 3POR	S, GCI, S
F22B1	Honda VTEC	G-AC-06	2156	4	3	85	1.2, 1.2, 2.8	CR, IBTF, 3POR	S, GCI, S
F23A1	Honda VTEC	G-AC-07	2254	4	3	86	1.2, 1.2, 2.8	CR, IBTF, 3POR	S, GCI, S
G25A1	Honda	G-AC-08	2451	5	3	85	1.2, 1.2, 2.8	CR, IBTF, 3POR	S, GCI, S
C25A1	Honda	G-AC-09	2494	6	3	84	1.2, 1.2, 4	CR, IBTF, 3POR	S, GCI, S
J30A1	Honda VTEC	G-AC-10	2997	6	3	86	1.2, 1.2, 2.8	CR, RTFIB, 3POR	GCI, GCI, S
ACURA TRUCK									
6VD1	Isuzu	G-ACT-01	3165	6	3	93.4	1.5, 1.5, 4	CR, RTFIB, 3POR	S, GCI, S
6VE1	Isuzu	G-ACT-02	3494	6	3	93.4	1.5, 1.5, 3	CR, RTFIB, 3POR	GCI, GCI, S

AIR COMPRESSOR

Engine Model	Model	Grindlays Ref No	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
AIR COMPRESSOR								
		G-A.COMP-34	1	4	95	2.5, 2.5, 2.5, 4	TF, NTF, NTF, PSL	GCI, GCI, GCI, S
		G-A.COMP-35	1	4	80	3, 3, 3, 4	TF, TF, NTF, PSL	GCI, GCI, GCI, S
		G-A.COMP-36	1	5	57.15	1.984, 1.984, 1.984, 1.984, 3.969	IBTF, IBTF, IBTF, IBTF, SOR	GCI, GCI, GCI, GCI, GCI
		G-A.COMP-37	1	5	66.67	1.984, 1.984, 1.984, 1.984, 3.969	ISTF, ISTF, ISTF, ISTF, PSL	GCI, GCI, GCI, GCI, S
		G-A.COMP-38	1	3	78	2.5, 2.5, 4	NTFIB, NTFIB, BSOR	GCI, GCI, GCI
		G-A.COMP-39	1	3	80	2.5, 2.5, 4	RTTF, NTF, PSL-DB	GCI, GCI, S
AIR COMPRESSOR BENDIX								
AC67A		G-A.COMP-09	1	3	80	2, 2, 4	NTFIB, NTFIB, PSL-DB	GCI, GCI, S
	150037, EB15 AIR COOLED, WB31 WATER COOLED	G-A.COMP-10	1	3	75	3/32", 3/32", 4	STF, STF, PSL	GCI, GCI, S
BX	2150	G-A.COMP-11	1	4	85.725	3/32", 3/32", 3/16", 3/16"	IBTF, STF, 3POR, 3POR	GCI, GCI, GCI, GCI
TU-FLO 400		G-A.COMP-12	2	4	2.1/16"	1/8", 1/8", 1/8", 1/8"	IBTF, IBTF, IBTF, IBTF	GCI, GCI, GCI, GCI
TU-FLO 500		G-A.COMP-13	2	5	63.5	3/32", 3/32", 3/32", 1/8", 1/8"	IBTF, IBTF, IBTF, 3POR, 3POR	GCI, GCI, GCI, GCI, GCI
TU-FLO 501		G-A.COMP-14	2	5	2.5/8"	3/32", 3/32", 3/32", 1/8", 1/8"	IBTF, IBTF, IBTF, 3POR, 3POR	GCI, GCI, GCI, GCI, GCI
TU-FLO 501 B		G-A.COMP-15	2	3	2.5/8"	3/32", .3/32", .3/16"	IBTF, IBTF, 3POR	GCI, GCI, GCI
TU-FLO 501L		G-A.COMP-16	2	5	2.5/8"	3/32", 3/32", 3/32", 3/16", 3/16"	IBTF, IBTF, IBTF, 3POR, 3POR	GCI, GCI, GCI, GCI, GCI
TU-FLO 600B		G-A.COMP-17	2	7	2.3/4"	3/32", 3/32", 3/32", 1/8", 1/8", 3/16", 3/16"	IBTF, IBTF, IBTF, STF, STF, 3POR, 3POR	GCI, GCI, GCI, GCI, GCI, GCI, GCI

AIR COMPRESSOR

Engine Model	Model	Grindlays Ref No	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
TU-FLO 600E		G-A.COMP-18	2	5	2.3/4"	3/32", 3/32", 3/32", 1/8", 1/8"	IBTF, IBTF, IBTF, 3POR, 3POR	GCI, GCI, GCI, GCI, GCI
TU-FLO 600/700		G-A.COMP-19	2	5	2.3/4"	3/32", 3/32", 3/32", 3/16", 3/16"	IBTF, IBTF, IBTF, 3POR, 3POR	GCI, GCI, GCI, GCI, GCI
TU-FLO 550/750		G-A.COMP-20	2	5	2.78"	3/32", 3/32", 3/32", 3/16", 3/16"	IBTF, IBTF, IBTF, 3POR, 3POR	GCI, GCI, GCI, GCI, GCI
AIR COMPRESSOR CLAYTON								
		G-A.COMP-21	1	5	2.5/8"	2, 2, 2, 2, 4	CIS, CIS, CIS, CIS, 3POR	GCI, GCI, GCI, GCI, GCI
AIR COMPRESSOR CUMMINS								
SS/QE 296-ST676		G-A.COMP-26	1	3	3.5/8"	1/8", 1/8", 3/16"	CTF, STF, 3POR	GCI, GCI, GCI
SS/QE 338-ST 773		G-A.COMP-27	1	4	3.5/8"	2, 2, 2, 4	CTF, STF, STF, PSL	GCI, GCI, GCI, S
AIR COMPRESSOR IVECO								
		G-A.COMP-41	1	3	82	2.5, 2.5, 4	SCTF, SCTF, PSL-DB	GCI, GCI, S
		G-A.COMP-42	1	3	86	2, 2, 3	RTTF, NTF, PSL-DB	GCI, GCI, S
AIR COMPRESSOR KNORR BREMSE								
		G-A.COMP-22	1	3	75	2, 2, 4	NTF, NTF, PSL	GCI, GCI, S
		G-A.COMP-23	1	3	88	2.5, 2.5, 4	CTF, STF, PSL	GCI, GCI, S
		G-A.COMP-24	1	3	92	2.5, 2.5, 4	IBTF, STF, PSL	GCI, GCI, S
OM 355 LP1828		G-A.COMP-25	1	4	88	2, 2, 2.5, 5	NTF-IB, NTF-IB, NTF-IB, PSL	GCI, GCI, GCI, S
Knorr-Bremse LK 15		G-KB-001	1	3	75	2, 2, 4	NTF, NTF, PSL	GCI, GCI, GCI
Knorr-Bremse		G-KB-002	1	3	88	2, 2.5, 5	CTFIB, N, BSOR	GCI, GCI, GCI

AIR COMPRESSOR

Engine Model	Model	Grindlays Ref No	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
Knorr-Bremse LK, 3840, LP1828, LP1836, LP1841, LP1865, LP1866		G-KB-003	1	3	88	2.5, 2.5, 4	NTF, CHSL-B	GCI, GCI
AIR COMPRESSOR MERCEDES BENZ								
OM 314/352/366		G-A.COMP-28	1	3	94	2.5, 2.5, 2.5	NTF-IB, NTF-IB, NTF-IB	GCI, GCI, GCI
OM 366		G-A.COMP-29	1	4	75	2.5, 2.5, 2.5, 4	N, N, N, N	GCI, GCI, GCI, GCI
OM 312/321/352 A353.904		G-A.COMP-30	1	4	77	2.5, 2.5, 3, 4	IBTF, IBTF, N, BSOR	GCI, GCI, GCI, GCI
OM 355, OM 360, OM 366	MAN	G-A.COMP-31	1	3	88	2.5, 2.5, 4	NTF, NTF, PSL-B	GCI, GCI, S
D2840 FL20, OM 402, OM 501, OM 502, OM 541, OM 542		G-A.COMP-32	1	3	100	2.5, 2.5, 3	NTF, NTF, PSL-DB	GCI, GCI, S
OM 501, OM 402.971, D2840 LF20	MAN	G-A.COMP-33	1	3	100	2.5, 2.5, 4	NTF, NTF, PSL-DB	GCI, GCI, S
AIR COMPRESSOR MIDLAND								
EL-740		G-A.COMP-01	2	4	2"	3/32", 3/32", 3/32, 3/16"	IBTF, IBTF, IBTF, 3POR	GCI, GCI, GCI, GCI
EL-850		G-A.COMP-02	1	4	3.15"	3, 3, 3, 4	IBTF, IBTF, IBTF, 3POR	GCI, GCI, GCI, GCI
		G-A.COMP-03	2	3	2.3/8"	3/32", 3/32", 3/16"	IBTF, STF, SOR	GCI, GCI, GCI
BL-1300/1600		G-A.COMP-04	2	5	2.3/4"	3/32", 3/32", 3/32, 3/32", 3/16"	IBTF, IBTF, IBTF, IBTF, 3POR	GCI, GCI, GCI, GCI, GCI
EL-740		G-A.COMP-05	2	4	50.8	2.38, 2.38, 2.38, 4.76	IBTF, IBTF, IBTF, SOR	GCI, GCI, GCI, GCI, GCI

AIR COMPRESSOR

Engine Model	Model	Grindlays Ref No	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
AIR COMPRESSOR WABCO								
		G-A.COMP-06	1	3	75	2, 2, 4	SCR, SCR, PSL	GCI, GCI, S
8,251,160		G-A.COMP-07	1	3	85	2, 2, 4	CTF, STF, PSL	GCI, GCI, S
MERCEDES BENZ	OM360 / 355 / 401 / 421 / 422	G-A.COMP-08	1	3	90	2.5, 2.5, 4	IBTF, NTF, PSL-DB	GCI, GCI, S
AIR COMPRESSOR WESTINGHOUSE								
West. 187 P 4, West. 79 P 4		G-WH-001	1	3	60	2.5, 2.5, 4	N, N, DBSOR	GCI, GCI, GCI
West.TU-FLO 500		G-WH-002	2	4	63.5	2.38, 3.16, 2.38, 3.16	CTF, BSOR, CTF, BSOR	GCI, GCI, GCI, GCI
West. W 31, West. WB 15, Westinghouse, West. 15 W 37, West. 15.5 W 37		G-WH-003	2	3	75	2.38, 2.38, 3.94	N, N, DPSL	GCI, GCI, GCI
Westinghouse		G-WH-004	2	3	75	3, 3, 5	N, N, DBSOR	GCI, GCI, GCI
West. Ratio-Presser		G-WH-005	2	3	75	2, 2, 4	NTF, NTF, DBPSL	GCI, GCI, GCI
West. 411 010, West. 411 012, West. 411 026, West. 411 034, West. 411 043, West. 411 510		G-WH-006	2	3	90	2.5, 2.5, 4	CTF, NTF, DBPSL	GCI, GCI, GCI, GCI
West. NDR		G-WH-007	2	3	90	2.5, 2.5, 4	NTF, NTF, DBSOR	GCI, GCI, GCI
West. Monoblock		G-WH-008	1	3	90	2.5, 2.5, 4	NTF, NTF, DBPSL	GCI, GCI, GCI
29P, 30P, 36P		G-A.COMP-40	1	3	75	3, 3, 5	NTF, NTF, SOR-DB	GCI, GCI, GCI

ALFA ROMEO

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
	Giulietta Sprint, Spider, Giulia 1300 / TI / GT Junior	G-AL-RO-001	1290	4	3	74	1.5, 1.75, 4.0	CRIB, NTF, TPOR	SGI / S, GCI, S
	Giulietta Sprint, Veloce, Giulia 1300 TI / GT Junior	G-AL-RO-002	1290	4	3	74	2.00, 2.00, 4.00	CRIB, NTF, TPOR	SGI / S, GCI, S
195.22	75 1.6, 75 1.6 IE, Giulietta 1.6, K1 1600	G-AL-RO-003	1567	4	3	78	1.50, 1.75, 3.50	CRIB, BPSL, N	SGI / S, GCI, S
	75 1.6, 75 1.6 IE, Giulietta 1.6, K1 1600	G-AL-RO-004	1570	4	3	78	1.50, 1.75, 4.00	CRIB, N BPSL	SGI / S, CI, GCI
4.108	Giulia, F 11, F 12, A 11,	G-AL-RO-005	1760	4	5	79.37	5 / 64", 1 / 16", 1 / 16", 1 / 8", 3 / 16"	CRIB, CIB, CIB, N, CHSL-B	GCI, GCI, GCI, GCI, GCI
	75	G-AL-RO-006	1800	4	3	80	1.50, 1.50, 3.50	CRIB, NTF, TPOR	SGI / S, GCI, S
1.8ie, 2.0	75 1.8 IE 90 2.0 IE V6, Alfa 6-GTV	G-AL-RO-007	7, 91, 996	4, V6	3	80	1.50, 1.75, 3.50	CRIB, NTF, TPOR	SGI / S, GCI, GCI
	1750, Sprint Berline Veloce GT	G-AL-RO-008	1, 77, 91, 18, 61, 351	4	3	80	1.50 1.75 4.00	CRIB, NTF, TPOR	SGI / S, GCI, S
	147 JTD,	G-AL-RO-009	1910	4	3	82	2.00, 2.00, 3.00	CR, NTF, CHSL-B	SGI / S, GCI, GCI
	156 JTD, 166 JTD	G-AL-RO-010	1910	5	3	82	2.50, 2.00, 2.00,	CR, NTF, BPSL	SGI / S, GCI, GCI
116 747	145, 146, 147,	G-AL-RO-011	1598	4	3	82	1.2, 1.2, 2.00	C, NTF, TPOR	SGI / S, GCI, S
	Twin Spark, 155 1.6 16V	G-AL-RO-012	1,370	4	3	82	1.5, 1.50, 3.00	CRIB, NTF, TPOR	SGI / S, GCI, S
	147, 156, 166, GTV 2.0 T. Spark	G-AL-RO-013	1970	4	3	83	1.2, 1.2, 2.00	CIB, NTF, TPOR	SGI / S, GCI, S
	146 2.0i 16V, T.S. ti	G-AL-RO-014	1970	4	3	83	1.2, 1.5, 2.00	CIB, NTF, TPOR	SGI / S, GCI, S

ALFA ROMEO

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
	55 1.7, Twin Spark	G-AL-RO-015	1748	4	3	83.4	1.5, 1.5, 3.50	CRIB, cTF, TPOR	SGI / S, GCI, S
	155 2.0 Turbo	G-AL-RO-016	1995	4	3	84	1.5, 1.5, 3.00	CRIB, CTF, TPOR	SGI / S, GCI, S
1, 77, 31, 96, 21, 995	156 Twin Spark,	G-AL-RO-017	1962	4	3	84	1.5, 1.5, 3.50	CRIB, NTF, TPOR	SGI / S, GCI, S
116.55	Spider 2.0 IE, Alfetta 2.0 IE	G-AL-RO-018	1962	4	3	84	1.5, 1.75, 3.50	CRIB, NTF, TPOR	SGI / S, GCI, S
301.24	Alfasud Sprint, Veloce	G-AL-RO-019	1490	4	3	84	1.5, 1.75, 4.00	CRIB, NTF, TPOR	SGI / S, GCI, GCI
A 195.17, 116.33	Alfetta 2000, Spider, GTV 2000, 1.8 GTI (USA)	G-AL-RO-020	1962	4	3	84	1.5, 1.75, 4.5	CRIB, NTF, PSL	SGI / S, GCI, GCI
M 601 FT.20.0	155 Q4	G-AL-RO-021	1995	4	3	84	1.5, 2, 5 / 32”	CRIB, N, ;DB-PSL	SGI / S, GCI, GCI
M 300 BA.17.A	Sprint, 33,	G-AL-RO-022	1712	4	3	87	1.5, 1.75, 3.00	CRIB, NTF, TPOR	SGI / S, GCI, GCI
M 652 AB.25.T	Giulietta, 155, 156, 166	G-AL-RO-023	2492	6	3	88	1.2, 1.5, 3.00	CIB, NTF, CHSL-B	SGI / S, GCI, GCI
	155 V6	G-AL-RO-024	2492	V6	3	88	1.5, 1.5, 3.00	CRIB, NTF, CHSL-B	SGI / S, GCI, GCI
	75, 90	G-AL-RO-025	2492	V6	3	88	1.5, 1.75, 4.00	CRIB, NTF, TPOR	SGI / S, GCI, S
	HR 488 HT / 2	G-AL-RO-026	1994	4, 5	3	88	2.50, 2.00, 4.00	CRFK, NTF, CHSL-B	SGI, GCI, GCI
	Alfetta,, Giulietta, 75	G-AL-RO-027	1994	4	3	88	3.00, 2.00, 4.00	CRFK, NTF, CHSL-B	SGI / S, GCI, GCI
	Alfetta 2.4	G-AL-RO-028	2392	4	3	92	2.5, 2.00, 4.00	CRFK, NTF, CHSL-B	SGI, GCI, GCI
	166, GTV, Spider	G-AL-RO-029	2959	6	3	93	1.2, 1.50, 3.50	CIB, CTF, BPSL	SGI / S, GCI, GCI
932	156	G-AL-RO-030	3177	6	3	93	1.5, 1.5, 3.50	CIB, NTF, TPOR	SGI / S, GCI, GCI
M 624 AB.30.A	164 Super,, Zagato	G-AL-RO-031	2959	6, V6	3	93	1.5, 1.5, 3.50	CRIB, CTF, TPOR	SGI / S, GCI, S

ALFA ROMEO

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
8140.61	30AR8, 32AR8, 35AR8, 40AR8	G-AL-RO-032	2445	4	3	93	3, 2, 4	CR, N, CHSL-B	SGI / S, GCI, GCI
8140.21	40 AR 8T	G-AL-RO-033	2445	4	3	93	3, 2, 3	CRFK, CTF, CHSL-B	SGI, GCI, GCI
8144.67	10AR6, 14AR6	G-AL-RO-034	2500	4	3	93	3, 2, 3	CR, N, CHSL-B	SGI / S, GCI, GCI
8140.61.300	30 AR 8, 25 AR 8, 40 AR 8	G-AL-RO-035	2445	4	3	93	3, 2, 4	CR, N, CHSL-B	SGI / S, GCI, GCI

ALLIS-CHALMERS

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
	Wisconsin	G-AC-01	39 CID (0.6L)	1	4	88.9 mm	1 / 8", 1 / 8", 1 / 8", 3 / 16"	TF, TF, TF, SOR	GCI, GCI, GCI, GCI
	GASOLINE	G-AC-02	62 CID (1.0L)	4	3	60.3 mm	2 / 32", 2 / 32", 3 / 16"	CR, IBTF, SOR	GCI, GCI, S
	GASOLINE	G-AC-03	108 CID (1.8L)	4	4	82.6 mm	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CR, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
	GASOLINE	G-AC-04	108 CID (1.8L)	4	4	82.6 mm	5 / 64", 5 / 64", 5 / 64", 3 / 16"	CRIB, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
	GASOLINE	G-AC-05	116 CID (1.9L)	4	3	82.6 mm	1 / 8", 1 / 8", 3 / 16"	CRTF, N, 3POR	GCI, GCI, S
	GASOLINE	G-AC-06	116 CID (1.9L)	4	3	82.6 mm	1 / 8", 1 / 8", 3 / 16"	TF, N, 3POR	GCI, GCI, S
	GASOLINE	G-AC-07	116 CID (1.9L)	4	4	85.7 mm	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRTF, N, N, 3POR	GCI, GCI, GCI, S
	GASOLINE	G-AC-08	120 CID (2.0L)	4	3	81.0 mm	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, SOR	GCI, GCI, S
	GASOLINE	G-AC-09	120 CID (2.0L)	4	4	81.0 mm	3 / 32", 3 / 32", 3 / 16", 3 / 16"	CR, IBTF, SOR, 3POR	GCI, GCI, GCI, S
	GASOLINE	G-AC-10	125 CID (2.0L)	4	3	82.6 mm	1 / 8", 1 / 8", 3 / 16"	CRTF, N, 3POR	GCI, GCI, S
	GASOLINE	G-AC-11	125 CID (2.0L)	4	3	82.6 mm	1 / 8", 1 / 8", 3 / 16"	TF, N, 3POR	GCI, GCI, S
Sleeved Engine	GASOLINE	G-AC-12	125 CID (2.0L)	4	4	85.7 mm	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRTF, N, N, 3POR	GCI, GCI, GCI, S
B15 / B125 Engines	GASOLINE	G-AC-13	125 CID (2.0L)	4	4	85.7 mm	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRTF, N, N, 3POR	GCI, GCI, GCI, S
	FLEX	G-AC-14	133 CID (2.2L)	4	3	82.6 mm	1 / 8", 1 / 8", 3 / 16"	CRTF, N, 3POR	GCI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
	FLEX	G-AC-15	133 CID (2.2L)	4	3	82.6 mm	1 / 8", 1 / 8", 3 / 16"	TF, N, 3POR	GCI, GCI, S
Sleeved Engine	GASOLINE	G-AC-16	138 CID (2.3L)	4	4	85.7 mm	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRTF, N, N, 3POR	GCI, GCI, GCI, S
Detroit Supercharged	DIESEL	G-AC-17	142 CID (2.3L)	2	6	108.0 mm	0.084", 0.084", 0.084", 0.084", 3 / 16", 3 / 16"	CR, CR, CR, DBSOR, DBSOR	S, SGI, SGI, SGI, GCI, GCI
Detroit Supercharged	DIESEL	G-AC-18	142 CID (2.3L)	2	5	108.0 mm	0.113", 0.084", 0.084", 3 / 16", 3 / 16"	CR, CR, CR, DBSOR, DBSOR	S, S, S, GCI, GCI
Detroit Supercharged	DIESEL	G-AC-19	142 CID (2.3L)	2	6	108.0 mm	1 / 8", 1 / 8", 1 / 8", 1 / 8", 3 / 16", 3 / 16"	MG-13U, MG-13U, MG-13U, MG-13U, GBS-50R, GBS-50R	S, S, S, S, GCI, GCI
Sleeved Engine	GASOLINE	G-AC-20	149 CID (2.4L)	4	4	88.9 mm	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRTF, TF, TF, 3POR	GCI, GCI, GCI, S
Sleeved Engine	DIESEL	G-AC-21	152 CID (2.5L)	3	5	91.4 mm	3 / 32", 3 / 32", 3 / 32", 1 / 4", 1 / 4"	IBTF, IBTF, IBTF, SOR, DBSOR	GCI, GCI, GCI, GCI, GCI
Sleeved Engine	DIESEL	G-AC-22	152 CID (2.5L)	3	5	91.4 mm	3 / 32", 3 / 32", 1 / 8", 1 / 4", 1 / 4"	IBTF, IBTF, TF, SOR, DBSOR	GCI, GCI, GCI, GCI, GCI
Sleeved Engine	Bude	G-AC-23	153 CID (2.5L)	4	4	92.1 mm	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
	DIESEL	G-AC-24	153 CID (2.5L)	4	4	87.3 mm	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRTF, TF, TF, 3POR	GCI, GCI, GCI, S
	DIESEL	G-AC-25	153 CID (2.5L)	4	4	87.3 mm	1 / 8", 1 / 8", 1 / 8", 3 / 16"	TF, TF, TF, 3POR	GCI, GCI, GCI, S
	GASOLINE	G-AC-26	153 CID (2.5L)	4	4	87.3 mm	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRTF, TF, TF, 3POR	GCI, GCI, GCI, S
	GASOLINE	G-AC-27	153 CID (2.5L)	4	4	87.3 mm	1 / 8", 1 / 8", 1 / 8", 3 / 16"	TF, TF, TF, 3POR	GCI, GCI, GCI, S

ALLIS-CHALMERS

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
Sleeved Engine	GASOLINE	G-AC-28	153 CID (2.5L)	4	4	92.1 mm	3/32", 3/32", 3/32", 3/16"	CRIB, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
	Ford Tractor DIESEL	G-AC-29	172 CID (2.8L)	4	5	99.0 mm	3/32", 3/32", 3/32", 3/16", 3/16"	CRFK, IBTF, IBTF, 3POR, DBSOR	GCI, GCI, GCI, S, GCI
	Ford Tractor GASOLINE	G-AC-30	172 CID (2.8L)	4	3	99.0 mm	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
	Ford Tractor FLEX	G-AC-31	172 CID (2.8L)	4	3	99.0 mm	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
	DIESEL	G-AC-32	175 CID (2.9L)	4	5	90.5 mm	3 / 32", 3 / 32", 3 / 32", 3 / 16", 3 / 16"	CR, IBTF, IBTF, CHSL-B, DBSOR	GCI, GCI, GCI, GCI, GCI
	433T DIESEL	G-AC-33	200 CID (3.3L)	4	4	98.4 mm	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CR, IBTF, IBTF, CHSL-B	SGI, GCI, GCI, GCI
	433 DIESEL	G-AC-34	200 CID (3.3L)	4	4	98.4 mm	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CR, IBTF, IBTF, CHSL-B	SGI, GCI, GCI, GCI
	D2200 DIESEL	G-AC-35	200 CID (3.3L)	4	4	98.4 mm	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CR, IBTF, IBTF, CHSL-B	SGI, GCI, GCI, GCI
Sleeved Engine	GASOLINE	G-AC-36	201 CID (3.3L)	4	4	101.6 mm	1 / 8", 1 / 8", 1 / 8", 3 / 16"	TF, TF, TF, 3POR	GCI, GCI, GCI, S
Detroit Supercharged (2 Valve)	DIESEL	G-AC-37	213 CID (3.5L)	3	5	108.0 mm	0.113", 0.084", 0.084", 3 / 16", 3 / 16"	CR, CR, CR, DBSOR, DBSOR	S, S, S, GCI, GCI
Detroit Supercharged (2 Valve)	DIESEL	G-AC-38	213 CID (3.5L)	3	6	108.0 mm	1 / 8", 1 / 8", 1 / 8", 1 / 8", 3 / 16", 3 / 16"	CR, CR, CR, CR, DBSOR, DBSOR	S, S, S, S, GCI, GCI
Sleeved Engine	GASOLINE	G-AC-39	226 CID (3.7L)	4	4	101.6 mm	1 / 8", 1 / 8", 1 / 8", 3 / 16"	TF, TF, TF, 3POR	GCI, GCI, GCI, S

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Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
Sleeved Engine	G230 Buda DIESEL	G-AC-40	230 CID (3.8L)	6	4	87.3 mm	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRTF, TF, TF, 3POR	GCI, GCI, GCI, S
Sleeved Engine	6BD230 Buda DIESEL	G-AC-41	230 CID (3.8L)	6	4	87.3 mm	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRTF, TF, TF, 3POR	GCI, GCI, GCI, S
	GASOLINE	G-AC-42	230 CID (3.8L)	6	4	87.3 mm	1 / 8", 1 / 8", 1 / 8", 3 / 16"	TF, TF, TF, 3POR	GCI, GCI, GCI, S
	DIESEL	G-AC-43	230 CID (3.8L)	6	4	87.3 mm	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRTF, TF, TF, 3POR	GCI, GCI, GCI, S
	GASOLINE	G-AC-44	230 CID (3.8L)	6	4	87.3 mm	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRTF, TF, TF, 3POR	GCI, GCI, GCI, S
	GASOLINE	G-AC-45	230 CID (3.8L)	6	4	87.3 mm	1 / 8", 1 / 8", 1 / 8", 3 / 16"	TF, TF, TF, 3POR	GCI, GCI, GCI, S
	DIESEL	G-AC-46	230 CID (3.8L)	6	4	90.5 mm	1 / 8", 1 / 8", 1 / 8", 1 / 4"	CRTF, TF, TF, SOR	GCI, GCI, GCI, GCI
	Perkins DIESEL	G-AC-47	236 CID (3.9L)	4	5	98.5 mm	3 / 32", 3 / 32", 3 / 32", 1 / 4", 1 / 4"	CR, IBTF, IBTF, 3POR, DBSOR	SGI, GCI, GCI, GCI, GCI
	Perkins DIESEL	G-AC-48	248 CID (4.1L)	4	4	101.0 mm	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, CRTFIB, CRTFIB, CHSL-B	SGI, GCI, GCI, GCI
Sleeved Engine	Buda DIESEL	G-AC-49	262 CID (4.3L)	6	5	90.5 mm	3 / 32", 3 / 32", 3 / 32", 3 / 16", 3 / 16"	CR, IBTF, IBTF, CHSL-B, DBSOR	GCI, GCI, GCI, GCI, GCI
Sleeved Engine	Buda GASOLINE	G-AC-50	262 CID (4.3L)	6	4	90.5 mm	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRIB, TF, TF, 3POR	GCI, GCI, GCI, S
	Buda DIESEL	G-AC-51	262 CID (4.3L)	6	5	90.5 mm	3 / 32", 3 / 32", 3 / 32", 3 / 16", 3 / 16"	CR, IBTF, IBTF, CHSL-B, DBSOR	GCI, GCI, GCI, GCI, GCI
	GASOLINE	G-AC-52	262 CID (4.3L)	6	4	90.5 mm	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRIB, TF, TF, 3POR	GCI, GCI, GCI, S
	Allis Chalmers GASOLINE	G-AC-53	265 CID (4.3L)	6	4	95.3 mm	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CR, IBTF, IBTF, 3POR	GCI, GCI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
Detroit Supercharged (2-Valve)	DIESEL	G-AC-54	284 CID (4.7L)	4	6	108.0 mm	0.084", 0.084", 0.084", 0.084", 3 / 16", 3 / 16"	CR, CR, CR, DBSOR, DBSOR	S, SGI, SGI, SGI, GCI, GCI
Detroit Supercharged (2-Valve)	DIESEL	G-AC-55	284 CID (4.7L)	4	5	108.0 mm	0.113", 0.084", 0.084", 3 / 16", 3 / 16"	CR, CR, CR, DBSOR, DBSOR	S, S, S, GCI, GCI
Detroit Supercharged (2-Valve)	DIESEL	G-AC-56	284 CID (4.7L)	4	6	108.0 mm	1 / 8", 1 / 8", 1 / 8", 1 / 8", 3 / 16", 3 / 16"	CR, CR, CR, CR, DBSOR, DBSOR	S, S, S, S, GCI, GCI
Sleeved Engine	DIESEL	G-AC-57	301 CID (4.9L)	6	4	98.4 mm	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CR, IBTF, IBTF, CHSL-B	SGI, GCI, GCI, GCI
Sleeved Engine	GASOLINE	G-AC-58	301 CID (4.9L)	6	4	98.4 mm	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CR, IBTF, IBTF, CHSL-B	SGI, GCI, GCI, GCI
Sleeved Engine	Allis Chalmers DIESEL	G-AC-59	301 CID (4.9L)	6	4	98.4 mm	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CR, IBTF, IBTF, CHSL-B	SGI, GCI, GCI, GCI
	Hercules GASOLINE	G-AC-60	339 CID (5.6L)	6	4	101.6 mm	3 / 32", 1 / 8", 3 / 16", 3 / 16"	CR, TF, 3POR, DBSOR	GCI, GCI, S, GCI
	Buda DIESEL	G-AC-61	344 CID (5.6L)	4	4	112.7 mm	1 / 8", 1 / 8", 1 / 8", 1 / 4"	CR, CRTFIB, CRITFIB, CHSL-B	SGI, GCI, SGI, GCI
Sleeved Engine	Allis Chalmers DIESEL	G-AC-62	344 CID (5.6L)	4	4	112.7 mm	3 / 32", 1 / 8", 1 / 8", 1 / 4"	CR, TF, TF, CHSL-B	SGI, GCI, SGI, GCI
	Mark II DIESEL	G-AC-63	344 CID (5.6L)	4	4	112.7 mm	1 / 8", 1 / 8", 1 / 8", 1 / 4"	CR, CRTFIB, CRITFIB, CHSL-B	SGI, GCI, SGI, GCI
	Allis Chalmers DIESEL	G-AC-64	344 CID (5.6L)	4	4	112.7 mm	1 / 8", 1 / 8", 1 / 8", 1 / 4"	CR, CRTFIB, CRITFIB, CHSL-B	SGI, GCI, SGI, GCI
	Mark II DIESEL	G-AC-65	425 CID (7.0L)	6	4	108.0 mm	3 / 32", 1 / 8", 1 / 8", 1 / 4"	CRIB, TF, TF, CHSL-B	SGI, GCI, GCI, GCI
	Mark II DIESEL	G-AC-66	425 CID (7.0L)	6	3	108.0 mm	3 / 32", 1 / 8", 1 / 4"	CRIB, CRTFIB, CHSL-B	SGI, GCI, GCI

ALLIS-CHALMERS

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
Sleeved Engine	Allis Chalmers DIESEL	G-AC-67	426 CID (7.0L)	6	3	108.0 mm	3 / 32", 1 / 8", 1 / 4"	CRIB, CRTFIB, CHSL-B	SGI, GCI, GCI
Detroit Supercharged	DIESEL	G-AC-68	426 CID (7.0L)	6	6	108.0 mm	0.084", 0.084", 0.084", 0.084", 3 / 16", 3 / 16"	CR, CR, CR, CR, DBSOR, DBSOR	S, SGI, SGI, SGI, GCI, GCI
Detroit Supercharged	DIESEL	G-AC-69	426 CID (7.0L)	6	5	108.0 mm	0.113", 0.084", 0.084", 3 / 16", 3 / 16"	CR, CR, CR, DBSOR, DBSOR	S, S, S, GCI, GCI
Detroit Supercharged	DIESEL	G-AC-70	426 CID (7.0L)	6	6	108.0 mm	1 / 8", 1 / 8", 1 / 8", 1 / 8", 3 / 16", 3 / 16"	CR, CR, CR, CR, DBSOR, DBSOR	S, S, S, S, GCI, GCI
	Mark II DIESEL	G-AC-71	426 CID (7.0L)	6	4	108.0 mm	3 / 32", 1 / 8", 1 / 8", 1 / 4"	CRIB, TF, TF, CHSL-B	SGI, GCI, GCI, GCI
	Mark II DIESEL	G-AC-72	426 CID (7.0L)	6	3	108.0 mm	3 / 32", 1 / 8", 1 / 4"	RIB, CRTFIB, CHSL-B	SGI, GCI, GCI
Sleeved Engine	Chalmers DIESEL	G-AC-73	426 CID (7.0L)	6	4	108.0 mm	3 / 32", 1 / 8", 1 / 8", 1 / 4"	CRIB, TF, TF, CHSL-B	SGI, GCI, GCI, GCI
Sleeved Engine	Non Mark II DIESEL	G-AC-74	426 CID (7.0L)	6	4	108.0 mm	3 / 32", 1 / 8", 1 / 8", 1 / 4"	CRIB, TF, TF, CHSL-B	SGI, GCI, GCI, GCI
Sleeved Engine	Non Mark II DIESEL	G-AC-75	426 CID (7.0L)	6	3	108.0 mm	3 / 32", 1 / 8", 1 / 4"	CRIB, CRTFIB, CHSL-B	SGI, GCI, GCI
Sleeved Engine	Allis Chalmers DIESEL	G-AC-76	516 CID (8.5L)	6	4	112.7 mm	3 / 32", 1 / 8", 1 / 8", 1 / 4"	CR, TF, TF, CHSL-B	SGI, GCI, SGI, GCI
Sleeved Engine	Buda DIESEL	G-AC-77	516 CID (8.5L)	6	4	112.7 mm	3 / 32", 1 / 8", 1 / 8", 1 / 4"	CR, TF, TF, CHSL-B	SGI, GCI, SGI, GCI
Sleeved Engine	Allis Chalmers DIESEL	G-AC-78	516 CID (8.5L)	6	4	112.7 mm	1 / 8", 1 / 8", 1 / 8", 1 / 4"	R, CRTFIB, CRITFIB, CHSL-B	SGI, GCI, SGI, GCI
Sleeved Engine	Mark II Allis Chalmers DIESEL	G-AC-79	516 CID (8.5L)	6	4	112.7 mm	1 / 8", 1 / 8", 1 / 8", 1 / 4"	CR, CRTFIB, CRITFIB, MCHSL-B	SGI, GCI, SGI, GCI
Sleeved Engine	Buda DIESEL	G-AC-80	516 CID (8.5L)	6	4	112.7 mm	3 / 32", 1 / 8", 1 / 8", 1 / 4"	CR, TF, TF, CHSL-B	SGI, GCI, SGI, GCI

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Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
Sleeved Engine	Buda DIESEL	G-AC-81	516 CID (8.5L)	6	4	112.7 mm	1 / 8", 1 / 8", 1 / 8", 1 / 4"	CR, CRTFIB, CRITFIB, CHSL-B	SGI, GCI, SGI, GCI
Sleeved Engine	Buda DIESEL	G-AC-82	516 CID (8.5L)	6	4	112.7 mm	3 / 32", 1 / 8", 1 / 8", 1 / 4"	CR, TF, TF, CHSL-B	SGI, GCI, SGI, GCI
	Cu mmins DIESEL	G-AC-83	555 CID (9.1L)	8	3	117.5 mm	1 / 8", 3 / 32", 7 / 64"	CRFKIS, GT-10U, CHSL-B	SGI, GCI, SGI
	DIESEL	G-AC-84	844 CID (13.8L)	6	4	133.4 mm	1 / 8", 1 / 8", 1 / 8", 1 / 4"	CR, TF, TF, CHSL-B	SGI, GCI, GCI, GCI
	Allis Chalmers DIESEL	G-AC-85	844 CID (13.8L)	6	4	133.4 mm	1 / 8", 1 / 8", 1 / 8", 1 / 4"	CR, TF, TF, CHSL-B	SGI, GCI, GCI, GCI
	Allis Chalmers DIESEL	G-AC-86	844 CID (13.8L)	6	4	133.4 mm	1 / 8", 1 / 8", 1 / 8", 1 / 4"	CR, TF, TF, CHSL-B	SGI, GCI, GCI, GCI
	Allis Chalmers DIESEL	G-AC-87	844 CID (13.8L)	6	4	133.4 mm	1 / 8", 1 / 8", 1 / 8", 1 / 4"	CR, TF, TF, CHSL-B	SGI, GCI, GCI, GCI
	Allis Chalmers DIESEL	G-AC-88	844 CID (13.8L)	6	4	133.4 mm	1 / 8", 1 / 8", 1 / 8", 1 / 4"	CR, TF, TF, CHSL-B	SGI, GCI, GCI, GCI
	Allis Chalmers DIESEL	G-AC-89	844 CID (13.8L)	6	4	133.4 mm	1 / 8", 1 / 8", 1 / 8", 1 / 4"	CR, TF, TF, CHSL-B	SGI, GCI, GCI, GCI

AMERICAN MOTORS

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
U		G-AM-01	2458	4	3	98.4	5 / 64", 5 / 64", 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
B (1982-83)	General Motors Pontiac	G-AM-02	2474	4	3	101.6	1 / 16", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	SGI, GCI, S
B (1982-83)	General Motors Pontiac	G-AM-03	2474	4	3	101.6	1 / 16", 5 / 64", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
B (1980-81)	General Motors Pontiac	G-AM-04	2474	4	3	101.6	5 / 64", 5 / 64", 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
B (1980)	General Motors Pontiac	G-AM-05	2474	4	3	101.6	5 / 64", 5 / 64", 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
-' (1965-67)		G-AM-06	3261	6	3	95.3	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
A (1968-70)		G-AM-07	3261	6	3	95.3	5 / 64", 5 / 64", 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
-' (1964-67)		G-AM-08	3802	6	3	95.3	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
B, C, E, G		G-AM-09	3802	6	3	95.3	5 / 64", 5 / 64", 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
-' (1958-61)		G-AM-10	4096	8	3	88.9	5 / 64", 5 / 64", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
A (1971-79)		G-AM-11	4227	6	3	95.3	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
C (1976-88)		G-AM-12	4227	6	3	95.3	5 / 64", 5 / 64", 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
-' (1963-66)		G-AM-13	4703	8	3	95.3	5 / 64", 5 / 64", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
M, N		G-AM-14	4752	8	3	95.3	5 / 64", 5 / 64", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
H		G-AM-15	4981	8	3	95.3	5 / 64", 5 / 64", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
-	General Motors Chevrolet	G-AM-16	5358	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
-		G-AM-17	5620	8	3	103.6	5 / 64", 5 / 64", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
S, T		G-AM-18	5620	8	3	103.6	5 / 64", 5 / 64", 3 / 16"	CRIB, IBTF, 3POR	GCI, GCI, S
N		G-AM-19	5899	8	3	103.6	5 / 64", 5 / 64", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
P		G-AM-20	5899	8	3	103.6	5 / 64", 5 / 64", 3 / 16"	CRIB, IBTF, 3POR	GCI, GCI, S
X		G-AM-21	6390	8	3	105.8	5 / 64", 5 / 64", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
Z		G-AM-22	6571	8	3	105.8	5 / 64", 5 / 64", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
HB, HD	50	G-AU-001	1093	4	3	69.5	1.75, 2, 4	CRIB, NTF, PCL	GCI, GCI, GCI
801	50	G-AU-002	1093	4	3	69.5	1.75, 2.50, 4.00	CRIB, N, PCL	GCI, GCI, GCI
HH, FZ	80 (Export)	G-AU-004	1272	4	3	75	1.75, 2.00, 4.00	CRIB, NTF, TPOR	SGI / S, GCI, S
ZA, ZF, EP	80	G-AU-005	1272	4	3	75	2.00, 2.50, 5.00	CRIB, N, TPOR	SGI / S, GCI, S
AUA	A2 1.4	G-AU-006	1272	4	3	76.5	1.2, 1.50, 2.50	CR, NTF, TPOR	SGI / S, GCI, GCI
RA, SB, SY	80, 90	G-AU-007	1985	4	3	76.5	1.75, 2, 3	CR, CRRTFIB, CHSL-B	SGI / S, GCI, GCI
CN	80, 90	G-AU-008	1588	4, 5	3	76..5	1.75, 2.00, 3.00	CR, CTFIB, CHSL-B	SGI / S, GCI, GCI
AKF	A6 2.5 TDI	G-AU-009	2496	V6	3	78.3	2.50, 2.00, 3.00	CIB, CTFIB, CHSL-B	SGI / S, GCI, GCI
AAZ, 1Z	A4 / Quattro / TDI	G-AU-010	1896	4, 5	3	79.5	1.75, 2.00, 3.00	CR, CTFIB, CHSL-B	SGI / S, GCI, GCI
WV, WY, WZ, YG, YH, YK, YN, YP, YT, YS, YZ, YV, YM	80, 100, 5000 (USA)	G-AU-011	1457	4, 5	3	79.5	1.75, 2.00, 4.00	CRIB, NTF, TPOR	SGI / S, GCI, S
ADP, AHL	A4	G-AU-012	1595	4	3	81	1.2, 1.5, 2.00	CIB, NTF, TPOR	SGI / S, GCI, S
AGA, ALF	A6	G-AU-013	2393	V6	3	81	1.2, 1.5, 2.00	CRIB, NTF, TPOR	SGI / S, GCI, S
ADR, AGN	A4, A6, A3	G-AU-014	1781	4	3	81	1.5, 1.75, 2.00	CRIB, NTF, TPOR	SGI / S, GCI, S
JU, DZ	80, Quattro, Coupe, 90, 100	G-AU-015	1595 & 1781	4	3	81	1.5, 1.75, 3.00	CRIB, NTF, CHSL-B	SGI / S, GCI, GCI
NE, DS, JV, SF, RU, PM, JN, MG, DR, KR, PL	200, Quattro, Coupe, 90, 100, 200, 4000, 5000,	G-AU-016	1781 & 1994	4, 5	3	81	1.5, 1.75, 3.00	CRIB, NTF, CHSL-B & CRIB, NTF, TPOR	SGI / S, GCI, S & SGI / S, GCI, S
824 S, PT	V8	G-AU-017	3562	V8	3	81	1.75, 2.00, 3.00	CRIB, NTF, TPOR	SGI / S, GCI, S
ABP, 1T	100 TDI, A6 TDI	G-AU-018	2461	5	3	81	2.5, 2, 3	CR, C-RTFIS, CHSL-B	SGI, GCI, GCI
AVU	New Beetle 1.6, Passat 1.6	G-AU-019	1595	4	3	81	1, 1.2, 2	C, NTF, TPOR	SGI / S, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
ABK, AAD, ABT, AAE,	80, Coupe, 100, 100 Quattro, Cabrio, A6,	G-AU-020	1984	4	3	82.5	1.2, 1.5, 2.00	CIB, NTF, TPOR	SGI / S, GCI, S
AAH, AFC, AEJ, ACK, ALG	80, Coupe, 100, 100 Quattro, Cabrio, A6,	G-AU-021	2771	V6	3	82.5	1.2, 1.5, 2	CIB, NTF, TPOR	SGI / S, GCI, S
7A	Coupe Quattro,	G-AU-022	2309	5	3	82.5	1.2, 1.75, 3	CIB, NTF, TPOR	SGI / S, GCI, S
3A	80, 90	G-AU-023	2000	4	3	82.5	1.5, 1.5, 2	CRIB, NTF, TPOR	SGI / S, GCI, S
AAR, NG, NF	80 Quattro, 100, Coupe,	G-AU-024	1847 & 2309 & 2597	4, 5, V6	3	82.5	1.5, 1.75, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
	100 Coupe S, 100 GL	G-AU-025	1871	4	3	84	2.00, 2.50, 5.00	CRIB, N, TPOR	SGI / S, GCI, S
4.2 15V	A8	G-AU-026	4200	V8	3	84.5	1.2, 1.5, 3.00	CIB, NTF, BPSL	SGI / S, GCI, S
ABH, ABZ	100 Quattro, V8, S4 4.2,	G-AU-027	4172	V8	3	84.5	1.5, 1.75, 3.00	CRIB, NTF, BPSL	SGI / S, GCI, S

AUTOBIANCHI / AVIA DAEWOO / BAUDOUIN

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
AUTOBIANCHI									
A 112 A.000, A 112 A5.000, M020 AA.09.0	A 112 0.9	G-AB-001	903	4	3	65	1.75, 2, 3.94	CIB, NTF, 3POR	SGI, GCI, GCI
AVIA DAEWOO									
712.02	A15, A30	G-AV-DA-001	3319	4	4	98	3, 2.5, 2.5, 4.5	CRFK, CTF, N, CHSL-B	SGI, SGI, SGI, SGI
712.01-04	A15, A30	G-AV-DA-002	3319	4	3	98	3, 2.5, 4.5	CRFK, CTF, CHSL-B	SGI, GCI, GCI
712.11, 13	Serie, A 20, A 21, A 30, A 31	G-AV-DA-003	3596	4	3	102	3, 2.5, 5	CRFK, CTF, CHSL-B	SGI, GCI, GCI
D407, D 421, D 421 TD	A 31, A 60, A 75	G-AV-DA-004	3596	4	3	102	3, 2.5, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
BAUDOUIN									
P 15	Schiffsmotor, Marine Engine, Generator	G-BA-001	1988	V6, V12	4	150	4, 3.5, 3.5, 6	CRFK, CTF, CTF, CHSL-B	SGI, GCI, GCI, GCI
P 15	Schiffsmotor, Marine Engine, Generator	G-BA-002	1988	V6, V12	4	150	3.5, 3.5, 3.5, 6	CR, CTF, CTF, CHSL-B	SGI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
214.7	J2LC2, J5LC2, C4LC1 / LC2, C5LC2, J2LC7, J4LC1, KBC2-A, KCC2, KKC2, KDLC2, KELK2, KDSC2, EDGO-A, EDLO	G-BE-001	3519	6	4	85.725	3 / 32”, 3 / 32”, 3 / 16”, 3 / 16”	CIB, CIB, SOR, SOR	GCI, GCI, GCI, GCI,
2,00,300	RLC3, C3, D3, S3-Baureihe	G-BE-002	3285 & 4927	4, 6	5	98.43	3 / 32”, 3 / 32”, 3 / 32”, 3 / 16”	CRIB, CIB, CIB, DB-SOR, DB-SOR	GCI, GCI, GCI, GCI, CGI
300	RLC 3 (C3, D3, S3-Baureihen), KFSC 3, KFLC 3, BLHC 3, KDSC 3, KDLC 3, KELC 3, KGLC 3, EFM 2, EFM 3, EFN 3	G-BE-003	4927	6	4	98.43	3 / 32”, 3 / 32”, 3 / 16”, 3 / 16”	CIB, CIB, DB-SOR, DB-SOR	GCI, GCI, GCI, GCI,
10.220, 5, J 330	KCC 10, KBC 10, KAC 10, KF-LC 5, KD-SL 5, KD-SL 5, KE-LC5, KF-SC 5, KG-SC5	G-BE-004	3611 & 5417	4, 6	5	103.19	3 / 32”, 3 / 32”, 3 / 32”, 3 / 16”, 3 / 16”	CIB, CIB, CIB, DB-SOR, DB-SOR	GCI, GCI, GCI, GCI, CGI
466, 70	ERT 2 / 3 / 4 / 6, ERV 1 / 2 / 3 / 7, KHTC 70, EPR 1, EPR 3, KHMC 70, KHLC 70, KHEC 70, KGSC 60, KGLC 60, EMT 2, EMT 3, EMV, HMX, KMX	G-BE-005	7634	6	5	115.89	3 / 32”, 3 / 32”, 3 / 32”, 3 / 16”, 3 / 16”	CR, CTF, CTF, DB-SOR, DB-SOR	SGI, GCI, GCI, GCI, CGI
P 15	Schiffsmotor, Marine Engine, Generator	G-BA-001	1988	V6, V12	4	150	4, 3.5, 3.5, 6	CRFK, CTF, CTF, CHSL-B	SGI, GCI, GCI, GCI
P 15	Schiffsmotor, Marine Engine, Generator	G-BA-002	1988	V6, V12	4	150	3.5, 3.5, 3.5, 6	CR, CTF, CTF, CHSL-B	SGI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
9.731	Furgon Sava, J-4-1000, Sherpa 185 / 215 / 220 / 240 / 250	G-BL-001	1799	4	3	80.26	2, 2, 3 / 16"	CR, CTFIB, CHSL-B	SGI / S, GCI, GCI
PE 146, PE 166	Rover 2300 / S, Rover 2600 S / SE	G-BL-002	2350 & 2597	6, 6	3	81	1.75, 1.75, 5 / 32”	CRIB, NTF, TPOR	SGI / S, GCI, S
105 I, 106 I, 1.7 I	Super Minx, Hunter, Humber, Vogue, Alpine, Estate, Peykan	G-BL-003		4	3	81.54	5 / 64”, 5 / 64”, 5 / 32”	CRIB, N, TPOR	SGI / S, GCI, S
XUD 9 A	Rover 218, 418	G-BL-004	1905	4	3	83	2, 2, 3	CR, CTF, CHSL-B	SGI / S, GCI, GCI
TD5	Discovery, Defender, Adventuer, 2.5 TD5 E	G-BL-005	2495	5	3	84.45	3, 2, 3	CRFKIB, NTF, CHSL-B	SGI, GCI, GCI
	Rover 2000, Rover 820 E / SE, 820 i / Si	G-BL-006	1994 & 1996	4	3	84.45	2, 1.75, 3	CR, NTF, CHSL-B	SGI / S, GCI, GCI
	Rover 80, 88, 109, Land Rover, Seater 10 / 12	G-BL-007	2286	4	3	90.47	1.79, 1.79, 3 / 16”	CRIB, CIB, TPOR	SGI, GCI, S
	Land Rover 90, 110	G-BL-008	2486	4	3	90.47	5 / 64”, 5 / 64”, 3 / 16”	CR, CTF, CHSL-B	SGI / S, GCI, GCI
	Land Rover 90, 110	G-BL-009	2486	4	3	90.47	2, 2, 4	CR, CTF, CHSL-B	SGI / S, GCI, GCI
	Land Rover, Diesel 88, 109, 110	G-BL-010	2286	4	5	90.47	3 / 32”, 3 / 32”, 3 / 32”, 3 / 16”, 3 / 16”	CR, CTF, CTF, BPSL, BSOR	GCI, GCI, GCI, GCI, GCI,
	Land Rover 90, 200 TDI, Discovery	G-BL-011	2486	4	3	90.47	2.5, 2, 3	CRFK, CTF, CHSL-B	SGI / S, GCI, GCI
AJ6	Jaguar XJS 3.6, Coupe, Cabriolet, Jaguar XJ6 3.6 Saloon	G-BL-012	3590	6	3	91	1.5, 2, 3	CRIB, CTFIB, TPOR	SGI / S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
AJG 4 V	Jaguar XJ-SC 3.6	G-BL-013	3630	6	3	91	1, 2, 3	CRIB, CTFIB, TPOR	SGI / S, GCI, S
HR 492 HI	Rover 2400 SD Turbo	G-BL-014	2392 & 2393	4	3	92	2.5, 2, 4	CRFK, NTF, CHSL-B	SGI / S, GCI, GCI
4 / 98 NV, 6 / 98 DV / NV	Traktor 262, 272, 470, 2100, 4100	G-BL-015	3770 & 5655	4, 6	4	98	3 / 32”, 3 / 32”, 3 / 32”, 1 / 4”	CR, CTF, CTF, BPSL	GCI, GCI, GCI, GCI,
4.98 NV, 6.98 DV, 98 NV	360 FG, 500 FG, Traktor 262 / 272Boxer 1000-33-43, 1200-33-38-42, 1300, Terrier 650 / Marine-, Industriemotor	G-BL-016	3770 & 5655	4, 6	5	98	3 / 32”, 3 / 32”, 3 / 32”, 1 / 4”, 3 / 16"	CR, CTF, CTF, SOR, SOR	GCI, GCI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
M 50, B 20 TU 1, M52 B20	320i, 520i, 320 i E36	G-BM-001	1991	6	3	80	1.5, 1.5, 2	CRIB, NTF, TPOR	SGI / S, GCI, S
M 50, B 20 M, M 50 B 20	320 I, 520 I, 520 i	G-BM-002	1990 & 1991	6	3	80	1.5, 1.75, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
M 20 B20 L	320 I, (SWE, CH, AUS)	G-BM-003	1990	6	3	80	1.5, 2, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
M 20 B 20 L / M / V, M 20 B 23 L / K	320 / i, 52 / I, 320 i, 520 I, 323 I	G-BM-004	1990 & 2315	6	3	80	1.5, 2, 3.5	CRIB, NTF, PSL	SGI / S, GCI, GCI
M 21 D 24 WA	324 td, 524 td	G-BM-005	2443	6	3	80	2.5, 2, 3.5	CRFK, C-RTFIS, CHSL-B	SGI / S, GCI, GCI
M 51 D 25 WA	318 tds, 325 tds, 525 tds	G-BM-006	1675 & 2497 & 2503	4, 6, 6	3	80	3, 1.75, 3	CRFK, CTFIB, CHSL-B	SGI, GCI, GCI
M 40 B 18 E, M 50 B 25, M 1.E, Eu3LEV, M 52 B 28 GG	318 i, 518 I, 318 iS, Roadster, 730 i, 530 i, 325 i, 525 I, 323i / ti, 515 I, 328 i	G-BM-007	1795 & 1596 & 2997 & 2494 & 2792 & 2791	4, V8, 6	3	84	1.5, 1.5, 2	CIB, NTF, TPOR	SGI, GCI, S
M 60 B 30, M 70 R 50	530 i, 730 I, 750 i, 850 i (USA)	G-BM-008	2997 & 4988	V8, V12	3	84	1.5, 1.75, 3	CIB, NTF, TPOR	SGI / S, GCI, GCI
M 40 B 16 ME, M 20 B 25 ME, M 20 B 25, M 1 Z 7	316 I, 318 I, 518 i (Export), 325 i, 525 i, Z 1, 525 ix, 325 e, 525 e, 325 (USA)	G-BM-009	1596 & 1795 & 2494 & 2693	4, 6	3	84	1.5, 1.75, 3	CIB, NTF, TPOR	SGI / S, GCI, GCI
M 20 B 27 ME, M 20 B 27 ME.E	528 e (USA), 325 e (USA) 525e, 525 e	G-BM-010	2693 & 2694	6	3	84	1.5, 2, 4	CIB, N, TPOR	SGI, GCI, S
M 40 B 18, M 70	318 i, 518 I, 750 i, 750 iL, 850 i	G-BM-011	1795 & 4988	4, V12	3	84	1.75, 1.75, 3	CRIB, NTF, TPOR	SGI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
116, M 10 B 16 N, M 10 B 16, E 21	1600, 1602, 1502, 316, 315	G-BM-012	1573 & 1574	4	3	84	1.75, 2, 4	CRIB, N, TPOR	SGI / S, GCI, S
	1800, 1800 ti	G-BM-013	1573	4	3	84	2, 2.5, 5	CRIB, N, TPOR	SGI / S, GCI, S
M 47 D	320 d	G-BM-014	2000	4	3	84	3, 1.75, 3	CRFK, CTFIB, BPSL	SGI, SGI, S
M47D20, M470D30, M 54 B 30	320D, 520D, 530D, 730D, 740d V8	G-BM-015	1951 & 2498 & 3901	4, 6, 8	3	84	3, 2, 3	CRFK, NTF, BPSL	SGI / S, GCI, S
M 54 B 30	330 i, 530 i, X5, 730 i, Z 3	G-BM-016	2979	6	3	84	3, 1.5, 2	CIB, NTF, TPOR	SGI / S, GCI, S
M 43 B 19, M 44 B 19 4V, M 73 B54	318ti Compact, 318 is, 318 1.9, Z3 1.9, 750 i, 750 iL, 850 Ci	G-BM-017	1895 & 1896 & 5379	4, V12	3	85	1.2, 1.5, 2	CIB, NTF, TPOR	SGI / S, GCI, S
S 50 B 30, S 50 B 30 US	M 3, M 3 (USA)	G-BM-018	2990	6	3	86	1.2, 1.5, 2	CIB, NTF, TPOR	SGI / S, GCI, S
S 70 B 56	850 Csi	G-BM-019	5576	V12	3	86	1.5, 1.75, 2.5	CRIB, NTF, TPOR	SGI / S, GCI, S
M 30 B 25, 128, M 30 B 28 L, M 30 B 28	2500, 525, 728, 525 i, 728 i, 2800, 2800 CS, 728, 528, 528 i, 728 i, 628 Csi	G-BM-020	2494 & 2788	6	3	86	1.75, 2, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
S 50 B 32, S 50 B 32 US	M3, Roadster, M 3 (USA)	G-BM-021	3201	6	3	86.4	1.2, 1.5, 2	CRIB, NTF, TPOR	SGI / S, GCI, S
M 60 B 40	540 i, 740 i, 840 Ci	G-BM-022	3982	V8	3	89	1.5, 1.5, 2	CIB, NTF, TPOR	SGI / S, GCI, S
M 30 B 30 M.E. 7, M 30 B 32 LA	730 i, 530 i,, 745 i	G-BM-023	2986 & 3210	6	3	89	1.5, 2, 3.5	CRIB, NTF, CHSL-B	SGI / S, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
M 10 B 18, M 10 B 18 K, M 10 B 18 L.U, M 10 B 18 S, M 30 B 30	320 i (USA, SWE, AUS) 318 i, 518, 316 1.8, 316 i (Export), 318 i, 518 i, 518 E28, 518 i E 28, 316 E21, 316 E30, 320 i (USA)	G-BM-024	1767 & 1766 & 1990 & 2985 & 3205 & 3210	4, 6	3	89	1.75, 2, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
M 30 B 34 ME, M 30 B 34 MA, M 30 B 34 M.45, M 30 B 35 ME 7	635 CSi (USA)635 CSi, 735 i, 535 i, 745 i, 535 i (USA)	G-BM-025	3430	6	3	92	1.5, 2, 3.5	CRIB, NTF, CHSL-B	SGI / S, GCI, GCI
M62B44LEV	540 i, -740 i-840 i	G-BM-026	4398	8	3	92	1.5, 1.5, 2	C, NTF, TPOR	SGI / S, GCI, S
B 36	M 5	G-BM-027	3535	6	3	93.4	1.5, 1.5, 2.5	CRIB, NTF, TPOR	SGI / S, GCI, S
M 3, M 88 / 3	M 3, M 5, M 635 Csi	G-BM-028	3453	4, 6	3	93.4	1.5, 1.5, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
M 30 B 34 / 35	535 i, 635 CSi, 735 i,	G-BM-029		6	3	93.4	1.5, 2, 3.5	CRIB, NTF, TPOR	SGI / S, GCI, S
M 30 B 35 L	635 CSi, 535 i, 735 i	G-BM-030	3453	6	3	93.4	1.75, 2.5, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
B 38	M 5	G-BM-031	3795	6	3	94.6	1.5, 1.5, 2.5	CRIB, NTF, TPOR	SGI / S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
		G-B-01		1	4	95.3	3.16", 3 / 16", 3 / 16", 3 / 16"	CRTF, TF, TF, 3POR	GCI, GCI, GCI, S
		G-B-02	2507	4	4	90.5	1 / 8", 1 / 8", 1 / 8", 1 / 4"	CRIB.IBTF, IBTF, SOR	GCI, GCI, GCI, GCI
		G-B-03	2507	4	4	90.5	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, BSOR	GCI, GCI, GCI, GCI
		G-B-04	2507	4	4	87.3	1 / 8", 1 / 8", 1 / 8", 3 / 16"	TF, TF, TF, 3POR	GCI, GCI, GCI, S
		G-B-05	3703	4	4	95.3	3.16", 3 / 16", 3 / 16", 3 / 16"	CRTF, TF, TF, 3POR	GCI, GCI, GCI, S
		G-B-06	3768	6	4	90.5	1 / 8", 1 / 8", 1 / 8", 1 / 4"	CRIB.IBTF, IBTF, SOR	GCI, GCI, GCI, GCI
		G-B-07	3768	6	4	90.5	1 / 8", 1 / 8", 1 / 8", 1 / 4"	CRTF, TF, TF, SOR	GCI, GCI, GCI, GCI
		G-B-08	3800	6	4	95.3	3.16", 3 / 16", 3 / 16", 3 / 16"	CRTF, TF, TF, 3POR	GCI, GCI, GCI, S
		G-B-09	4258	6	4	88.9	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRTF, TF, TF, 3POR	GCI, GCI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
		G-C-01		4	3	79.4	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
		G-C-02	1736	4	4	76.2	1 / 8", 1 / 8", 1 / 8", 1 / 4"	CRIB, TF, TF, 3POR	GCI, GCI, GCI, S
		G-C-03	1769	4	4	82.6	3 / 32", 3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
		G-C-04	1769	4	4	82.6	5 / 64", 5 / 64", 5 / 64", 3 / 16"	IBTF, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
		G-C-05	2031	4	4	76.2	1 / 8", 1 / 8", 1 / 8", 1 / 4"	CRIB, TF, TF, 3POR	GCI, GCI, GCI, S
		G-C-06	2031	4	4	84.1	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRIB, TF, TF, 3POR	GCI, GCI, GCI, S
		G-C-07	2031	4	4	87.3	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CR, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
		G-C-08	2031	4	4	82.6	1 / 8", 1 / 8", 1 / 8", 1 / 4"	CRTF, TF, TF, SOR	GCI, GCI, GCI, GCI
		G-C-09	2031	4	4	85.7	1 / 8", 1 / 8", 1 / 8", 1 / 4"	CRTF, TF, TF, SOR	GCI, GCI, GCI, GCI
		G-C-10	2031	4	4	82.6	1 / 8", 1 / 8", 1 / 8", 1 / 4"	TF, TF, TF, SOR	GCI, GCI, GCI, GCI
		G-C-11	2063	4	3	79.4	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
		G-C-12	2178	4	3	82.6	1 / 8", 1 / 8", 3 / 16"	CRTF, N, 3POR	GCI, GCI, S
		G-C-13	2178	4	4	82.6	3 / 32", 3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
		G-C-14	2178	4	3	82.6	1 / 8", 1 / 8", 3 / 16"	TF, N, 3POR	GCI, GCI, S
		G-C-15	2178	4	3	82.6	1 / 8", 1 / 8", 3 / 16"	CRTF, N, 3POR	GCI, GCI, S
		G-C-16	2178	4	3	82.6	1 / 8", 1 / 8", 3 / 16"	TF, N, 3POR	GCI, GCI, S
		G-C-17	2293	4	4	82.6	3 / 32", 3 / 32", 5 / 32", 5 / 32"	CR, IBTF, 3POR, SOR	GCI, GCI, S, GCI
		G-C-18	2293	4	4	81	1 / 8", 1 / 8", 1 / 8", 1 / 4"	CRTF, N, N, 3POR	GCI, GCI, GCI, S
		G-C-19	2293	4	4	81	1 / 8", 1 / 8", 1 / 8", 3 / 6"	CRTF, N, N, 3POR	GCI, GCI, GCI, S
		G-C-20	2293	4	4	81	1 / 8", 1 / 8", 1 / 8", 3 / 6"	TF, N, N, 3POR	GCI, GCI, GCI, S
		G-C-21	2424	4	4	85.7	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, SOR	GCI, GCI, GCI, GCI
		G-C-22	2424	4	4	85.7	1 / 8", 1 / 8", 1 / 8", 1 / 4"	CRTF, TF, TF, SOR	GCI, GCI, GCI, GCI
		G-C-23	2424	4	4	87.3	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CR, IBTF, IBTF, 3POR	GCI, GCI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
		G-C-24	2424	4	4	85.7	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, SOR	GCI, GCI, GCI, GCI
		G-C-25	2424	4	4	85.7	1 / 8", 1 / 8", 1 / 8", 1 / 4"	CRTF, TF, TF, SOR	GCI, GCI, GCI, GCI
		G-C-26	2522	4	4	88.9	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRTF, TF, TF, 3POR	GCI, GCI, GCI, S
		G-C-27	2522	4	4	92.1	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRTF, TF, TF, 3POR	GCI, GCI, GCI, S
		G-C-28	2522	4	4	92.1	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, IBTF,	GCI, GCI, GCI, S
		G-C-29	2522	4	4	92.1	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, IBTF,	GCI, GCI, GCI, S
		G-C-30	2522	4	4	92.1	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
		G-C-31	2571	4	4	85.7	1 / 8", 1 / 8", 1 / 8", 1 / 4"	CRTF, TF, TF, SOR	GCI, GCI, GCI, GCI
		G-C-32	2604	4	4	88.9	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
		G-C-33	2686	4	4	90.5	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, BSOR	GCI, GCI, GCI, GCI
		G-C-34	2932	3	3	98.4	1 / 8", 3 / 32", 1 / 4"	CR, IBTF, CHSL-B	SGI, GCI, GCI
		G-C-35	3079	4	4	96.8	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
		G-C-36	3079	4	3	96.8	1 / 8", 3 / 32", 3 / 16"	CRKFIS, IBTF, 3POR	SGI, GCI, S
		G-C-37	3390	4	3	101.6	1 / 8", 3 / 32", 3 / 16"	CRFK, IBTF, CHSL-B	GCI, GCI, GCI
		G-C-38	3685	6	3	86.4	5 / 64", 5 / 64", 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
		G-C-39	3685	6	3	86.4	5 / 64", 5 / 64", 3 / 16"	CRIB, IBTF, 3POR	GCI, GCI, S
		G-C-40	4111	4	4	104.8	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, CHSL-B	GCI, GCI, GCI, GCI
		G-C-41	4111	4	4	104.8	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, SOR	GCI, GCI, GCI, GCI
		G-C-42	4111	4	5	104.8	3 / 32", 3 / 32", 3 / 32", 1 / 4", 1 / 4"	CR, IBTF, IBTF, SOR, HD-20	GCI, GCI, GCI, GCI, GCI
		G-C-43	4258	4	4	101.6	3 / 32", 3 / 32", 1 / 8", 1 / 4"	CR, IBTF, TF, SOR	GCI, GCI, GCI, GCI
		G-C-44	4258	4	4	98.4	1 / 8", 1 / 8", 1 / 8", 1 / 4"	CRTF, TF, TF, 3POR	GCI, GCI, GCI, S
		G-C-45	4258	4	4	101.6	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, SOR	GCI, GCI, GCI, GCI
		G-C-46	4258	4	5	104.8	3 / 32", 3 / 32", 3 / 32", 1 / 4", 1 / 4"	CR, IBTF, IBTF, SOR, HD-20	GCI, GCI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
		G-C-47	4258	4	4	101.6	3 / 32", 3 / 32", 1 / 8", 1 / 4"	CR, IBTF, TF, SOR	GCI, GCI, GCI, GCI
		G-C-48	4258	4	4	98.4	1 / 8", 1 / 8", 1 / 8", 1 / 4"	CRTF, TF, TF, 3POR	GCI, GCI, GCI, S
		G-C-49	4258	4	4	101.6	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, SOR	GCI, GCI, GCI, GCI
		G-C-50	4258	4	5	101.6	3 / 32", 3 / 32", 3 / 32", 1 / 4", 1 / 4"	CR, IBTF, IBTF, SOR, HD-20	GCI, GCI, GCI, GCI, GCI
		G-C-51	4373	4	4	104.8	3 / 32", 3 / 32", 3 / 32", 5	CR, IBTF, IBTF, SOR	GCI, GCI, GCI, GCI
		G-C-52	4373	4	3	104.8	3 / 32", 3 / 32", 1 / 4"	CR, IBTF, CHSL-B	SGI, GCI, GCI
		G-C-53	4881	6	4	95.3	3 / 32", 1 / 8", 3 / 16", 3 / 16"	CR, TF, 3POR, BSOR	GCI, GCI, S, GCI
		G-C-54	4930	4	4	111.1	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, CHSL-B	GCI, GCI, GCI, GCI
		G-C-55	5209	8	3	99.3	5 / 64", 5 / 64", 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
		G-C-56	5209	8	3	99.3	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
		G-C-57	5503	4	3	117.5	1 / 8", 3 / 32", 1 / 4"	CRKFIS, IBTF, CHSL-B	SGI, GCI, GCI
		G-C-58	5503	4	3	117.5	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, CHSL-B	SGI, GCI, GCI
		G-C-59	5503	4	3	117.5	1 / 8", 1 / 8", 3 / 16"	CRFKIS, FKIS, CHSL-B	SGI, SGI, GCI
		G-C-60	6175	6	5	101.6	3 / 32", 3 / 32", 3 / 32", 1 / 4", 1 / 4"	CR, IBTF, IBTF, SOR, SOR	GCI, GCI, GCI, GCI, GCI
		G-C-61	6568	6	4	104.8	3 / 32", 3 / 32", 3 / 32", 5	CR, IBTF, IBTF, SOR	GCI, GCI, GCI, GCI
		G-C-62	6568	6	3	104.8	3 / 32", 3 / 32", 1 / 4"	CR, IBTF, CHSL-B	SGI, GCI, GCI
		G-C-63	6568	6	4	108	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, CHSL-B	GCI, GCI, GCI, GCI
		G-C-64	7387	6	4	111.1	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, CHSL-B	SGI, GCI, GCI, GCI
		G-C-65	7387	6	3	111.1	1 / 8", 1 / 8", 3 / 16"	CRFKIS, CRFKIS, CHSL-B	SGI, GCI, GCI
		G-C-66	7387	6	3	111.1	3 / 32", 3 / 32", 1 / 4"	CR, IBTF, CHSL-B	SGI, GCI, GCI
		G-C-67	8259	6	3	117.5	1 / 8", 1 / 8", 3 / 16"	CRFKIS, FKIS, CHSL-B	SGI, SGI, GCI
		G-C-68	8259	6	3	117.5	1 / 8", 3 / 32", 1 / 4"	CRKFIS, IBTF, CHSL-B	SGI, GCI, GCI
		G-C-69	8259	6	3	117.5	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, CHSL-B	SGI, GCI, GCI
		G-C-70	14633	6	3	137.2	5 / 32", 1 / 8", 1 / 8"	CRFK, CRFKIS, CHSL-B	SGI, SGI, SGI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
D 330, D 333	D 4, Truck 1670, Traktor, 922, 944, 950, 955, 966, Pipe Layer, Traxcavator 112 GradeD 5, D 6, D 7 F, Traktor, 966, 977, Wheel Loader, Traxcavator, 12, 14, 120 Motor, Grader, 561 Pipe Layer	G-CA-001	5740 & 8662	4, 6	3	114.3	1 / 8”, 3 / 32”, 7 / 32”	CR, CTFIB, CHSL-B	SGI, GCI, GCI
3304, 3306, 1673 C, D 330 C	Loader 931, 941, 950, 951, Traktor, D 3, D 4, D 5, Wheel Loader, 910, 955, Grader 12, Traktor D 5, D 6, 814, 816, Pipelayer 561, 751, Wheel Loader 966, Skidder 528Crawler Dozer D 7 F, Wheel Loader 980 B, Pipelayer 571 F, 572 F, Scraper, Wheel Loader 627, 637, Motor Grader 14 D	G-CA-002	7000 & 10500 & 6947 & 10420	4, 6	3	120.65	1 / 8”, 3 / 32”, 7 / 32”	CR, CTFIS, CHSL-B	SGI, GCI, GCI
517538		G-CA-003		1	3	102	3, 2, 4	CR, CIB, CHSL-B	S / SGI, GCI, GCI
7E5214	4P6914	G-CA-004		1	3	105	3, 3, 4	CR, CTF, CHSL-B	SGI, GCI, GCI
7E5213		G-CA-005		1	3	105	3, 3, 4	CR, CTF, CHSL-B	SGI, GCI, GCI
5I7538N		G-CA-006		1	3	105	3, 2, 4	CR, CTF, CHSL-B	SGI, GCI, GCI
2W8265		G-CA-007		1	2	114.3	3.14, 2.75	CR, CR	SGI, GCI
3S4029		G-CA-008		1	3	114.3	3.175, 2.38, 5.55	CR, CR, CHSL-B	SGI, GCI, GCI
7E4729RS		G-CA-009		1	3	114.3	3.1, 3.1, 2.8	CR, CR, CHSL-B	SGI, GCI, GCI
2W8265		G-CA-010		1	3	114.3	2.4, 2.4, 4.75	CR, C, CHSL-B	SGI, GCI, GCI
2W6091		G-CA-011		1	3	120.65	3.14, 2.36, 3.15	CR, CR, STOR	SGI, SGI, S
2W1709		G-CA-012		1	3	120.65	3, 2.8, 3.15	CR, CR, STOR	SGI, SGI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
2W1709		G-CA-013		1	3	120.65	3, 2.8, 3.15	CR, CR, STOR	SGI, SGI, S
7S9404		G-CA-014		1	3	120.65	3.17, 2.38, 5.54	CR, CR, CHSL-B	SGI, SGI, GCI
9S3068	D4D D6C	G-CA-015			3	120.65	3.15, 2.38, 5.53	CR, CR, CHSL-B	SGI, SGI, GCI
211-4321		G-CA-016		1	3	120.65	2.95, 2.8, 4	CRFK, CRFK, CHSL-B	SGI, SGI, GCI
8N0822		G-CA-017		1	3	137.16	3, 2.95, 3.15	CR, CR, STOR	SGI, SGI, S
1W8922		G-CA-018		1	3	137.16	3.8, 2.95, 3.15	CRFK, CRFK, STOR	SGI, SGI, S
3406B		G-CA-019	5400	1	3	137.16	3.969, 3.969, 3.969	CR, CR, CHSL-B	SGI, SGI, GCI
D7D8		G-CA-020			3	146	4.75, 2.38, 6.35	CR, CR, CHSL-B	SGI, SGI, GCI
8N5760		G-CA-021		1	3	146	3.85, 3.7, 6.35	CR, CR, CHSL-B	SGI, SGI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
J8S	Jeep Cherokee	G-CH-001	2068	4	3	86	2.5, 2.5, 3	CRFK, NTF, CHSL-B	SGI, GCI, GCI
	Jeep Cherokee	G-CH-002	2100	4	3	86	2.5, 2.5, 4	CRFK, NTF, CHSL-B	SGI, GCI, GCI
	Le Baron, Laser	G-CH-003	2213	4	3	87.5	1.5, 1.5, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
VG72	Voyager	G-CH-004	2972	V6	3	91.1	1.5, 1.5, 4	CR, CRTF, TPOR	SGI, GCI, S
HR 92.4 S-H	Voyager, Cherokee	G-CH-005	2500	4	3	92	2.5, 2, 4	CRFK, NTF, CHSL-B	SGI, GCI, GCI
	Voyager	G-CH-006	3300	6	3	93	1.5, 1.5, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
	Pick-up	G-CH-007		4	3	98.48	3 / 32”, 3 / 32”, 3 / 16”	CRIB, CIB, BPSL	GCI, GCI, GCI
	Dodge AS 900	G-CH-008		2	3	100	3, 2.5, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
OM 642.910	300 C 3.0 CRD 24V	G-CHR-01	2987	6	3	83	2, 2, 2	CRFKIB-6, RTFIB, CRBPSL	SGI, SGI, SGI
J8S 814, J8S 708, J8S 890	Cherokee 2.1 TD, Comanche 2.1 TD, Wagoneer 2.1 TD, XJ 2.1 TD	G-CHR-02	2068	4	3	86	2.5, 2.5, 4	CRFK (15°), NTF, CRBPSL	SGI, GCI, GCI
J8S 800	Jeep CJ-7 2.1 D	G-CHR-03	2068	4	3	86	2, 2, 4	CRR, CTF, CRBPSL	SGI, GCI, GCI
EGW	Concorde 3.2i 24V	G-CHR-04	3199	6	3	89.9	1.5, 1.75, 3	CRIB, NTF, CRBPSL	S, SGI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
A 79-I	2 CV, 2 CV 4, Dyane 4, Aya 2	G-CI-001	435	2	3	68.5	2.75, 2, 4	CRIB, N, BPSL	GCI, GCI, GCI
TU 9	AX	G-CI-002	954	4	3	70	1.5, 1.5, 3	CRIB, CTF, TPOR	SGI / S, GCI, S
108 C	AX 10, Visa 10	G-CI-003	954	4	3	70	2, 2, 4	CRIB, NTF, DB-PSL	GCI, GCI, GCI
109 / 5	Visa, LNA, Visa, BX 11	G-CI-004	1124	4	3	72	1.5, 2, 4	CRIB, CTF, TPOR	SGI / S, GCI, S
	AMI Super, Super 6, Break GS, MMS 4, AMF2, GSA, GSX 2, 2 CV 6, Dyane 6, AMI 6, AMI 8	G-CI-005	1015 & 602	4, 2	3	74	1.5, 2, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
M 28-1, M 28, AK 2, AM, 2M, AO6 / 635, AY, G 11 / 361	2 CV 6, Dyane, Mehari, FAF, AK 400, Fourgonette, Acadiane, Berlina, AMI 6 Typ AM 2, AMI 8 Typ AM 3, LN, GSA, GSX, Oitcit, Axel	G-CI-006	602 & 1129	2, 4	3	74	1.75, 2, 3.5	CRIB, NTF, TPOR	SGI / S, GCI, S
	GS / GSX 1130, GSX / G Special	G-CI-007	1129	4	3	74	1.75, 2, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
TU 3 M, CZ / M / Z / 2 K, K 2 D, TU 3 A	ZX, Berlingo, AX, BA, ZX	G-CI-008	1360 & 1361	4	3	75	1.75, 2, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
129 / 5, XY 8	Visa, Visa, GT	G-CI-009	1219 & 1360	4	3	75	1.75, 2, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
TUD 3	AX, 1 uD / RD / TRD, ZK	G-CI-010	1361	4	3	75	2.25, 1.75, 3	CR, CTF, PSL	SGI, GCI, GCI
R / V 06 / 630, R / V 06 / 644-M29	LNA, Visa, A 4x4, Axei, Oltcit	G-CI-011	652	2	3	77	1.5, 2, 3	CRIB, N, TPOR	SGI / S, GCI, S
LNA, Visa, Spezial, Club, GS 1220 / Break, GS / Club / Pallas, GSX2	LNA, Visa, Spezial, Club, GS 1220 / Break, GS / Club / Pallas, GSX2	G-CI-012	652 & 1222	2, 4	3	77	1.75, 2, 4	CR, N, BPSL	SGI / S, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
YUD 5, ATMO	AX, Saxo, Xsara	G-CI-013	1527	4	3	77	2, 1.75, 3	CR, CTFIB, CHSL-B	SGI / S, GCI, GCI
TU 5 JP	Saxo 1600	G-CI-014	1587	4	3	78.5	1.5, 1.5, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
TU 5 JP	106, 206, 307, Partner all types 110 Saxo, C3, Xsara, Berlingo all 16 V	G-CI-015	1587	4	3	78.5	1.2, 1.5, 2.5	CR, NTF, TPOR	SGI / S, GCI, GCI
G 13 / 615, T 13 / 635	GSA, Axel 12	G-CI-016	1299	4	3	79.4	1.5, 2, 3	CR, N, BPSL	SGI / S, GCI, GCI
G 13 / 615	GSA / GSX Axel 7 CV	G-CI-017	1299	4	3	79.4	1.5, 2, 3.5	CR, N, BPSL	SGI / S, GCI, GCI
XUD 7, 161 A	Visa, C 17 D, C 15 D, BX, ZX, Berlingo, Xsara	G-CI-018	1769	4	3	80	2,, 2, 3	CR, CTF, CHSL-B	SGI / S, GCI, GCI
TUD 3	AX	G-CI-019		4	3	80	2.25, 1.75, 3	CR, CTF, CHSL-B	SGI, GCI, GCI
XUD 7 TE	BX 19	G-CI-020	1769	4	3	80	3, 2, 3	CRFK, CTF, CHSL-B	SGI, GCI, GCI
DW 8 / B	Berlingo, Dispatch, Jumpy, Xsara, C 15 Expert, Partner, 206, 306 all 1.9 D	G-CI-021	1868	4	3	82.2	2, 2, 3	CR, NTF, CHSL-B	SGI / S, GCI, GCI
XU 5 JP / Z, XU 7 JP / Z, XU 9 J 4 / J 4Z	, Xantia, ZX, ZX, Xantia, Berlingo, Xsara, Berlingo, BX 19 GTI	G-CI-022	1580 & 1762 & 1761 & 1905	4	3	83	1.5, 1.5, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
XU 5 M / 4Z, 180-A (XU 5 J), XU 9, XU 9 2 C, XU 9 J 2, 159 A,	ZX, Visa GTI, BX, Evasion, BX 19, ZX	G-CI-023	1580 & 1905	4	3	83	1.5, 1.5, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
171 BZ, XU 5 S, XU 52 C	BX 16, BX 15	G-CI-024	1580	4	3	83	1.75, 1.75, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
XUD 9, XUD 9A	BX 19D / TRD, ZX, C 25, Xantia, Expert, Jumpy, Jumber, Berlingo, Xsara	G-CI-025	1905	4	3	83	2, 2, 3	CR, CTF, CHSL-B	SGI / S, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
XUD 9 TE,	BX, ZX, Xantia, Jumber, ZX, Evasion, Xsara, Jumpy	G-CI-026	1905	4	3	83	3.5, 2, 3	CRFK, CTF, CHSL-B	SGI, GCI, GCI
XUD 11 ATE, XUD 11 BTE, XUD 11 ATE / L	XM D 12 Turbo, XM, Xantia	G-CI-027	2088	4	3	85	3, 2, 3	CRFK, CTF, CHSL-B	SGI, GCI, GCI
EW 10J4-RFN	Evasion, XSARA, C5, 206, 307, 406, 807	G-CI-028	1997	4	3	85	1.2, 1.5, 2.5	CIB, NTF, TPOR	CGI, GCI, GCI
XU 10 J 4 RS	Xsara 2.0, 16V VTS, Xantia 2.0i, 16V SX, Evasion 2.0i, 16VX	G-CI-029	1998	4	3	86	1.5, 1.5, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
XU 10 2C, XU 10 J2, XU 10 J2Z, F J2 / MZ, XU 10 J4, DZ, XU 10 J4 RZ	XM, Xantia, Evasion, Jumper, ZX, 2.0X / 2.05X, Boxer, ZM, Xsara, BZ	G-CI-030	1998	4	3	86	1.5, 1.75, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
M 20-615 / 30 N	CX 2000, Break, Nomale, Super, Pallas, Confort	G-CI-031	1985	4	3	86	1.75, 2, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
C 35	ID 19 F, DS 19 A, ID 20, DS 20, D-Super, D-Special	G-CI-032	1985	4	3	86	2, 2, 5	CR, NTF, BPSL	SGI / S, GCI, GCI
XUD 11 A	XM D 12	G-CI-033	2138	4	3	86	2.5, 2, 3	CRIB, CTF, CHSL-B	SGI, GCI, GCI
ES9J4	Xantia 2.9 24V	G-CI-034	2946	6	3	87	1.5, 1.5, 3	CRIB, NTF, TPOR	CGI, GCI, GCI
XN 1 T	C 25	G-CI-035	1971	4	3	88	1.5, 2, 4	CRIB, CTF, TPOR	SGI / S, GCI, S
829.A5, J 6 TA	CX 20 RE / TRE, CX 22, TRS	G-CI-036	1995 & 2165	4	3	88	1.75, 2, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
M 22 / 621, B 22 / 615	CX 2200, C 35	G-CI-037	2175	4	3	90	2, 2, 4	CR, N, CHSL-B	SGI / S, GCI, GCI
M 22-617 / 33 N	CX 2200	G-CI-038	2175	4	3	90	2, 2, 5	CR, NTF, TPOR	SGI / S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
DJ 5	Jumper 2.5D	G-CI-039	2446	4	3	92	2.25, 2, 3	CR, NTF, CHSL-B	SGI, GCI, GCI
DJ5TED, DJ5T	Relay TD, Jumper 2.5 TD	G-CI-040	2446	4	3	92	3.5, 2, 3	CRFK, NTF, CHSL-B	SGI, GCI, GCI
ZPJ, ZPJ4	XM 30, XM V6.24 Pallas	G-CI-041		6	3	93	1.5, 1.75, 3.5	CRIB, NTF, TPOR	SGI / S, GCI, S
M 25 / 659	CX 25 Prestige, GTI, Pallas IE	G-CI-042	2500	4	3	93	2, 2, 3.5	CR, N, TPOR	SGI / S, GCI, S
M 25 / 629	CX 2500 Diesel Pallas, Confort, Familiale, Super Break, Reflex	G-CI-043	2500	4	3	93	2, 2, 4	CR, N, TPOR	SGI / S, GCI, S
M22 / 629, 25 / 629 / 637 / 660 / 661	CX 2500 / 25 RD / TRD, C 35 RD	G-CI-044	2500	4	3	93	2.5, 2, 4	CR, CTF, CHSL-B	GCI, GCI, GCI
M22 / 629	CX 2500	G-CI-045	2500	4	3	93	3, 2, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
	DS 23, DS 23 inj., CX 2400, Prestige, Super, Pallas, Break, Familiale, Reflex	G-CI-046	2347	4	3	93.5	2, 2, 4	CR, N, BPSL	GCI, GCI, GCI

CLARK EQUIPMENTS

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
	BY4112, Y112, Y4112 Continental	G-CE-01	1835	4	3	81	3 / 32", 3 / 32", 1 / 4"	IBTF, IBTF, 3POR	GCI, GCI, S
	BY4112, Y112, Y4112 Continental	G-CE-02	1835	4	3	81	3 / 32", 3 / 32", 5	CR, IBTF, SOR	GCI, GCI, GCI
	BY4112, Y112, Y4112 Continental	G-CE-03	1835	4	3	81	3 / 32", 3 / 32", 1 / 4"	CRIB, IBTF, 3POR	GCI, GCI, S
	180GKB Waukesha FLEX	G-CE-04	2540	4	4	92.1	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
	F162, F4162, LF162, PF162 Continental	G-CE-05	2654	4	4	87.3	1 / 8", 1 / 8", 1 / 8", 1 / 4"	IBTF, IBTF, IBTFSOR	GCI, GCI, GCI, S
	24B, F209, F6209, PF209 Continental	G-CE-06	3425	6	4	81	1 / 8", 1 / 8", 1 / 8", 1 / 4"	CRTF, N, N, 3POR	GCI, GCI, GCI, S
	F226 Continental FLEX	G-CE-07	3703	6	4	84.1	3 / 32", 3 / 32", 5 / 32", 5 / 32"	IBTF.IBTF, 3POR, SOR	GCI, GCI, S, GCI
	F226 Continental FLEX	G-CE-08	3703	6	4	84.1	5 / 64", 3 / 32", 3 / 32", 1 / 4"	IBTF, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
	F226 Continental FLEX	G-CE-09	3703	6	4	84.1	1 / 8", 1 / 8", 1 / 8", 1 / 4"	IBTF, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
	4-71T Detroit Diesel DIESEL	G-CE-10	4654	4	5	108	0.113", 0.084", 0.084", 3 / 16", 3 / 16"		
	JXD Hercules	G-CE-11	5244	6	4	101.6	3 / 32", 1 / 8", 3 / 16", 3 / 16"	CR, TF, 3POR, DBSOR	GCI, GCI, S, GCI
	JXLD Hercules	G-CE-12	5555	6	4	101.6	3 / 32", 1 / 8", 3 / 16", 3 / 16"	CR, TF, 3POR, DBSOR	GCI, GCI, S, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
3B2.9, 4B3.9, 4-390, 6B5.9, 6-590	BN 25, CD 85, CN 96	G-CU-001	2900 & 3900 & 5900	3, 4, 6	3	102	3 / 32”, 3 / 32”, 4	CR, CTFIB, CHSL-B	SGI, GCI, GCI
3BT2.9, 4BT3.9, 4T-390, 4BTA3.9, 6BT5.9, 6T-590, 6BTA5.9	BN 25, CD 85, CN 96	G-CU-002	2900 & 3900 & 5900	3, 4, 6	3	102	3, 3 / 32”, 4	CRFK, CTFIB, CHSL-B	SGI, GCI, GCI
3802230	6BT 5.9	G-CU-003		1	3	102	2.85, 2.35,, 4	CRFK, CTF, CHSL-B	S / SGI, GCI, GCI
3802750	6BT 8.3	G-CU-004		1	3	102	2.9, 2.85, 4	CRFK, FK, CHSL-B	S / SGI, GCI, GCI
3802040		G-CU-005		1	3	102	2.4, 2.4, 4	CRIB, CTF, CHSL-B	S / SGI, GCI, GCI
3802421		G-CU-006		1	3	102	2.9, 2.35, 4	CRFK, CTF, CHSL-B	S / SGI, GCI, GCI
3802429		G-CU-007		1	3	114	3.4, 3, 4.75	CRFK, C, CHSL-B	SGI, SGI, GCI
6CT		G-CU-008		1	3	114	3.4, 2.85, 4.75	CRFK, CFK, CHSL-B	SGI, SGI, GCI
3278723		G-CU-009		1	3	117.47	2.95, 2.4, 2.8	CRFK, CTF, STOR	SGI, SGI, GCI
3803977		G-CU-010		1	3	125	3.05, 3.05, 4	CRFK, CFK, CHSL-B	SGI, SGI, GCI
L10		G-CU-011		1	3	125	3.05, 3.054.75	CRFK, CRFK, CHSL-B	SGI, GCI, GCI
3803961		G-CU-012		1	3	125	3.05, 3.05, 4.75	CRFK, CRFK, CHSL-B	SGI, GCI, GCI
AR12098	NH220	G-CU-013		1	4	130.18	3.68, 3.75, 3.75, 6.1	CRFK, FKIS, FKIS, CHSLFK	SGI, SGI, SGI, GCI
3803471	NT855	G-CU-014		1	4	139.7	3.7, 2.9, 2.95, 4.75	CRFK, FK, FK, STOR	SGI, SGI, SGI, S
3801056	NT855	G-CU-015		1	4	139.7	3.7, 3, 2.95, 4.75	CRFK, C,, FK, STOR	SGI, SGI, SGI, S
1 AB 6720	N14	G-CU-016		1	3	139.7	3.85, 2.75, 4.75	CRFK, FK, STOR	SGI, SGI, S
3801056-2		G-CU-017		1	4	139.7	3.85, 2.9, 2.9, 4.75	CRFK, FK, FK, STOR	SGI, SGI, SGI, S
3803990	NT855	G-CU-018		1	3	139.7	3.85, 2.75, 4.75	CRFK, FK, STOR	SGI, SGI, S
3801755	NT855	G-CU-019		1	4	139.7	3.7, 2.9, 2.95, 4.75	CRFK, FK, FK, STOR	SGI, SGI, SGI, S
4089810	NT855	G-CU-020		1	4	139.7	3.75, 2.95, 3, 4.75	CRFK, FK, C, STOR	SGI, SGI, SGI, S

DAEWOO / DAF

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
DAEWOO									
3EA, YSE, F6B	Matiz, Tico, Cielo	G-DA-001	796	3	3	68.5	1.2, 1.5, 2.8	CR, CTF, TPOR	SGI / S, GCI, GCI
DAF									
XD 3 P	Baureihe 400EN	G-DA-001	2498	4	3	94	2, 2, 4	CR, N, CHSL-B	SGI / S, GCI, GCI
XD 3 T	Baureihe 400ET	G-DA-002	2498	4	3	94	3, 2, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
2500 cm, 2900cm	BN 25, CD 85, CD 96	G-DA-003	2500 & 5900	4, 6	3	102	3 / 32”, 3 / 32”, 4	CR, CTFIB, CHSL-B	SGI, GCI, GCI
CT 108 L	45, 150	G-DA-004	5880oi	6	3	102	3, 2.385, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
DF 615, DT 615, DTD 615	Baureihe 900, 100, 1200, 1400, 1600, A 1600 DF / DT / FT, 1200 FA / FT, 1400 FA / FT, DSD, V 1700, FAV 1800, FA 1300, A 1500, FT 1500, FA 1600, FT 1600, FA 1690	G-DA-005	6170	6	5	104.175	2.5, 2.5, 2.5, 6, 6	CR, CTF, CTF, PSL, SOR	GCI, GCI, GCI, GCI, GCI
DNS 620, DNT 620, DN 620, NT 133	FA 1700, NTBaureihe 1900, Baureihe 1100, 1300, FA 1300,	G-DA-006	6239	6	3	104.175	3, 2.5, 4	CRFK, CRTF, CHSL-B	SGI, GCI, GCI
DH825	1602, 2000, 2005, 2100, 2105, 2205, 2300, 2305, 2500, 2505, 2525	G-DA-007	8250	6	4	118	3, 3, 3, 6	CR, CTF, CTF, CHSL-B	SGI, GCI, GCI, GCI
DH / DHB / DU / DHS / DHU / DHDT / DHR / DHT / DHTD / H / S 825	F 1800, FA / FM / FT, / SB 2000, FA / FAZ / FMT / FTF / FTR-S / FAR-S / FAS / FT / FAT / FTT 2200, FA 2205, FA 200-5, Marinemotor, Industriemotor, FA / FT 2100, FA 2105, FA / FAR / FAT / FT / FAG 2300, FA / FAG / FT / SB 2305, DHS / FAR / FT 2500, FA / FAG / FAT 2505, FAT 2525	G-DA-008	8250	6	4	118	3.5, 3, 3, 6	CR, CTF, CTF, CHSL-B	SGI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
RS 180, Euro 1, RS 200, RS 222,	FA 75.24.FA 75.270, FA 75.300	G-DA-009	8250	6	3	118	3.5, 3, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
1160	325, 360, 475, 2400, 200, 201	G-DA-010	11630	6	4	130	1 / 8”, 1 / 8”, 1 / 8”, 1 / 4”	CR, CTF, CTF, CHSL-B	SGI, GCI, GCI, GCI
DK / DKB / DKA / DKL / LT Euro 1	DK 360 / 464 / 475, ATE 2400, FA / FT / Baureihe / FITT / FAS 2600, DKB 325 / 360 / 390 / 392 / 447, / 450 / 460 / 475 / 500 / 540, Marinemotor, DKA 280 / 310 / 350 / 360 / 475, MB 200, SB 201, Bus	G-DA-011	11630 & 11620	6, 6	4	130	1 / 8”, 1 / 8”, 1 / 8”, 1 / 4”	CRFK, CTF, CTF, CHSL-B	GSI, GCI, GCI, GCI
1160	325, 360, 464, 475, 2400, 200, 201	G-DA-012	11630	6	5	130	1 / 8”, 1 / 8”, 1 / 8”, 1 / 4”, 1 / 4”	CR, CTF, CTF, CHSL-B, SOR	SGI, GCI, GCI, GCI, GCI
1160 ATI	ATI-Baureihe	G-DA-013	11630	6	3	130	1 / 8”, 1 / 8”, 1 / 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
1160 WS	95, 310, 95, 350, 95, 380	G-DA-014	11630	6	3	130	4, 1 / 8”, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
WS 225, WD 259, WS 282, WS 242G, WS 268 G, WS 295 G, WS 242 L Euro 1, WS 268 L Euro 1, WS 295 L Euro 1, WS 315 L Euro 1, WS 242 Euro 2, WS 315	FA / FT 95.310, ATi, FA / FAR / FAT / FT 95.350, FA / FAR / FAS / FAT / FT / FTG, / FTS / FTT 95.380, Ati, FA / FAD / FAR / FAS / FAT 95.400, FA 85.330, FAS 85.360, FA / FAR / FAS / FAT 95.400, FA / FAD / FAR / FAS / FAT / FT 95.430, FA / FAD / FAR / FAS / FAT / FT 95.430	G-DA-015	11622 & 11630 & 11600	6	3	130	4, 1 / 8”, 4	CRFK, CRTF, CHSL-B	SGI, GCI, GCI

DAIHATSU

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
L38	Fallow, MAX 38, L38S	G-DA-001	356	2	3	62	2, 2, 2	CRHK, CR, CR	SGI, GCI, GCI
EB	Mira	G-DA-002	547	3	3	62	1.2, 1.5, 2.8	CR, C, TPOR	S, GCI, S
ED-10	Kancil	G-DA-003	847	3	3	66.6	1.2, 1.5, 2.8	CR, C, TPOR	S, GCI, S
FE, FE051	JEEP F40, F40L, F40K, JEEP F40G, 640V, F40P	G-DA-004	958	4	3	68	2, 2, 4	CR, C, TPOR	GCI, CGI, S
FE		G-DA-005	660	3	3	68	1.2, 1.5, 2.8	CR, C, TPOR	S, GCI, S
EF	Kancil Rusa, Charade	G-DA-006	660	3	3	68	1.2, 1.5, 2.8	CR, C, TPOR	S, GCI, S
CD	G 20L	G-DA-007	850	3	3	70	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S
AB	Fellow Max L40, L40V, L45, L50, L55 SS11	G-DA-008	547	2	3	71.6	1.5, 1.5, 2.8	CR, C, CHSL-B	GCI, GCI, GCI
ABL40		G-DA-009	547	2	3	71.6	1.5, 1.5, 2.8	CR, C, TPOR	GCI, CGI, S
CB	Charade G10, EG10, CB10, CB20, CB50	G-DA-010	993	3	3	76	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S
CB (New)	Charade G10S, G11S HC	G-DA-011	993	3	3	76	1.5, 1.5, 2.8	CR, C, TPOR	SGI, GCI, SGI
CB (New)	Charade G10S, G11S HC	G-DA-012	993	3	3	76	1.5, 1.5, 2.8	CR, C, TPOR	GCI, CGI, S
HC	Charade, G 1028, G 1128	G-DA-013	1295	4	3	76	1.2, 1.5, 3	CR, C, TPOR	S, GCI, S
HD		G-DA-014	1589	4	3	76	1.2, 1.5, 3	CR, C, TPOR	S, GCI, S
FB	Delta 2000	G-DA-015	1861	4	3	85	2, 2, 4	CR, C, CHSL-B	GCI, GCI, GCI
CL10	Charade G30	G-DA-016	1000	3	3	76	2, 1.5, 3	CRHK, C, CHSL-B	SGI, GCI, SGI
DG	DV26, SV18, SV26, SV32, SV37	G-DA-017	2530	4	5	88	2, 2, 2, 4, 4	CR, CR, N, CHSL-B, SOR	GCI, GCI, GCI, GCI, GCI,
DG	DV26, SV18, SV26, SV32, SV37	G-DA-018	2530	4	5	88	2, 2, 2, 4, 4	CR, CR, N, CHSL-B, SOR	GCI, GCI, GCI, GCI, GCI,
DG (NEW)	D300 (NEW), V23, 24, 25, 26, Small Bus F50V	G-DA-019	2530	4	3	88	2.5, 2, 4	CR, C, CHSL-B	GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
DG		G-DA-020	2530	4	4	88	2, 2, 2, 4	CR, C, N, CHSL-B	GCI, GCI, GCI, GCI
DL		G-DA-021	2765	4	3	92	2.5, 2, 4	CR, C, CHSL-B	GCI, GCI, GCI
B10	Hello	G-DA-022			3	41	1.5, 1.5, 1.5		

DAIMLER CHRYSLER

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
M 160 E 06, M 169 E 06	Smart & Pulse, Smart Cabrio, Smart & Pure	G-DA-CH-001	599	3	3	63.5	1.2, 1.5, 2.5	CR, CTF, TPOR	SGI / S, GCI, S
OM 660 DE 0.8 LA	Smart CDI	G-DA-CH-002	799	3	3	65.5	1.5, 1.5, 2.5	C, CTF, BPSL	SGI / S, SGI / S, SGI / S
M 160 / 1	Smart City, Coupe, Smart Roadster	G-DA-CH-003	799	3	3	66.5	1.2, 1.5, 2.5	CR, CTF, TPOR	SGI / S, GCI, GCI
M 160 / 1	Smart City, Coupe, Smart Roadster	G-DA-CH-004	799	3	3	66.5	1.2, 1.5, 2.5	C, CTF, TPOR	SGI / S, GCI, GCI
OM 636.914.919 / 930 / 931 / 934	170, 180, L 319, O 319, L 405, L 406, Unimog 411.110, 118 / 119 / 120, U 30, U 32, U 34	G-DA-CH-005	1767	4	4	75	2, 2, 2, 4	CRIB, CTF, NTF, BPSL	SGI / S, GCI, GCI, CGI
OM 636.914.919 / 930 / 931 / 934, 930 / 931 / 934	170, 180, L 319, O 319, L 405, L 406, Unimog 411.110-118-119-120, U30, U 32, U 34, 401, 402	G-DA-CH-006	1767	4	5	75	2, 2, 2, 5, 5	CRIB, CTF, NTF, BPSL, BSOR	SGI / S, GCI, GCI, CGI, GCI
M 166.940	A 140, A 160	G-DA-CH-007	1397 & 1598	4	3	80	1.2, 1.75, 3	CR, NTF, TPOR	SGI / S, GCI, GCI
OM 668 DE LA 16, OM 668 DE LA 17	A 160, A 170, Turbodiesel	G-DA-CH-008	1689	4	3	80	2, 2, 3	CR, CTFIB, CHSL-B	SGI / S, GCI, GCI
M 271, B 275	C 180, C 200, C 230 Kompressor, S 600, CL 600	G-DA-CH-009	1796 & 5513	4, 12	3	82	5786	C, NTF, TPOR	SGI / S, GCI, GCI
M 103 E, 26.940.943, 26.941.943, M 103 E, 26.984.987, M 103 E 26,	190 E 2.6, 260 E, 260 SE, 190 E 2.6, 260 E, 260 SE, 300E 2.6 (USA), 190 E 2.6, 260 E, 260 SE (Export)	G-DA-CH-010	2599 & 2597 & 2599	6, 6, 6	3	82.9	1.5, 1.75, 3	CRIB, NTF, CHSL-B	SGI / S, GCI, GCI
		G-DA-CH-011			3	82.9	1.5, 1.75, 3	CIB, NTF, BPSL	SGI / S, GCI, SGI / S
M 112 E 24	E 240	G-DA-CH-012	2398	V6	3	83.2	1.5, 1.75, 3	CIB, NTF, TPOR	SGI / S, GCI, S
M 137 E 58	S 600, CL 600	G-DA-CH-013	5786	V12	3	84	1.2, 1.5, 2.5	C, NTF, TPOR	SGI / S, GCI, S

DAIMLER CHRYSLER

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
M 166 E 19	A 190	G-DA-CH-014	1898	4	3	84	1.2, 1.75, 2.5	C, NTF, TPOR	SGI / S, GCI, S
M 111 E 18.920, M 111 E 18.920 NV, M 111 E 18	C 180	G-DA-CH-015	1799	4	3	85.3	1.5, 1.75, 3	CIB, NTF, TPOR	SGI / S, GCI, S
M 123.920, M 123.921, M 110.931.933 / 991.993, M 110.931.933 / 991, M 110.921.926, M 110.981.980, M 110.921.926, M 110.981.990	250, 280 E, 280 SE (USA, CH), 280 GE, U 110, 280, 280 SL	G-DA-CH-016	2525 & 2746	6, 6	3	86	1.75, 2.5, 4	CRIB, NTF, CHSL-B	SGI / S, GCI, GCI
		G-DA-CH-017			3	86	1.75, 2.5, 4	CRIB, NTF, CHSL-B	SGI / S, GCI, S
OM 628	S, ML+, G 400 CDI	G-DA-CH-018	3996	8	3	86	2.5, 2, 3	C, NTF, BPSL	SGI / S, GCI, GCI
M 130	250, 280 S, 300 S	G-DA-CH-019	2778	6	4	86.5	2, 2, 2.5, 4	CR, CTF, NTF, TPOR	SGI / S, GCI, GCI, GCI
M 130.920.925 / 933, / 983 / 923 / 980.984	280 S, 280 SE, 280 SL, 250 C, 300 SE, U 110, 404, 404 (USA	G-DA-CH-020	2778	6	3	86.5	2, 2.5, 4	CR, NTF, TPOR	SGI / S, GCI, GCI
OM 621	180 D, 190D, 406 D, 200D, 319 D, 405D	G-DA-CH-021	1988	4	4	87	1.5, 1.5, 2.5, 5	CRIB, CTFIB, NTF, TPOR	SGI / S, GCI, GCI
M 115	200	G-DA-CH-022	1988	4	3	87	1.5, 2.5, 4	CRIB, NTF, TPOR	SGI / S, GCI, GCI
M 115.923 / 926 / 938 / 939	200, O 309 B, L 408 GC	G-DA-CH-023	1988	4	3	87	1.75, 2.5, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
OM 621	180 D, 190D, 406 D, 200D, 319 D, 405D	G-DA-CH-024	1988	4	4	87	2,, 2, 2, 5	CR, CTFIB, CTFIB, BPSL	SGI / S, GCI, GCI, GCI
OM 601.911 / 912, OM 601.921, OM 602 D 25, OM 602 D 25	190 D, 200 D, 190 D (USA), 190 D 2.5, 250 D, 300 D, E 300 Diesel	G-DA-CH-025	1997 & 2197 & 2497 & 2996	4, 4, 5, 6	3	87	2, 2, 3	CR, CTFIB, CHSL-B	SGI / S, GCI, GCI

DAIMLER CHRYSLER

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
OM 615.940 / 943 / 944, OM 615.910 / 911 / 912 / 916, / 917 / 941	200 D, 206D, 207 D, 306 D, 220 D, L 206 D, L 306 D, O 309 D, L 406 G, L 408 G, Unimog, U 45 / 421, U 52 / 421,	G-DA-CH-026	1988 & 2197	4, 4	3	87	2, 2, 4	CR, CTFIB, CHSL-B	SGI / S, GCI, GCI
M 115.900 / 920 / 921 / 922 / 924 / 927 / 928 / 929 / 932 / 933 / 934 / 935	220, O 309, L 408, L 408 (USA)	G-DA-CH-027	2197	4	3	87	2, 2.5, 4	CR, NTF, TPOR	SGI / S, GCI, GCI
M 115, M 115	200, 220, O 309, L 408	G-DA-CH-028	1, 99, 82, 197	4	3	87	2, 2.5, 5	CR, NTF, TPOR	SGI / S, GCI, GCI
OM 601.911 / 912 / 913, OM 602.911 / 912 / 930/ 931 / 938 / 939 / 931 / 938 / 939, OM 605 D25.910 / 911 / 912 / 917, OM 605 LA, OM 603.912 / 913, OM 603 A.961 / 960, OM 606.910 / 912, OM 606 LA,	190D, 200D, C 200D, E 200D, 190D 2.5, 250 D, 310D, 410 D, C 250D, E 250D, E 250TD, C 250TD, 300D, 300GD, 300D Turbo, 300D / 300SD, Turbo (USA), E 300TD, E 300D, S 300TD, 190D 2.5 / 250 DTurbo, E 250TD	G-DA-CH-029	1997 & 2497 & 2496	4, 5, 6, 5	3	87	2.5, 2, 3	CR, CTFIB, CHSL-B	SGI, GCI, GCI
OM 615.913 / 915, OM 615.910 / 911 / 912 / 914 / 916 / 917 / 918 / 919 / 930 / 936 / 937 / 938 / 939 / 941	200 D, 206 D, 306 D, 220 D, 206 D, 306 D, 309 D, 406 D, 409 D, O 309 D, Unimog, U 45 / 421, U 52 / 421	G-DA-CH-030	1988 & 2197	4, 4	3	87	3, 2, 4	CRIB, CTFIB, CHSL-B	SGI / S, GCI, GCI
	190 E 1.8	G-DA-CH-031	1700	4	3	87.5	1.75, 2, 3.5	CRIB, NTF, CHSL-B	SGI / S, GCI, GCI
M 116 V 8.962 / 963, M 116 V 8	380 SE, 380 SL, 380 SL (Export)	G-DA-CH-032	3839	V8	3	88	1.5, 2, 3.5	CRIB, NTF, CHSL-B	SGI / S, GCI, GCI
OM 611 DE 22 LA, OM 611 DE22LA / OM 646, OM 647, OM 648	2200, 2151,	G-DA-CH-033	2200 & 2151 & 2688 & 3226	4, 4, 5, 6	3	88	2.5, 2, 3	C, CTFIB, CHSL-B	SGI / S, GCI, GCI
M 103 E 30.980 / 981 / 982 / 985 / 983 / 984 / 987, M 104 E 30.980 / 981	300 E, 300 SE, 300 SL, 300 GE / TE, 300 SL 24, 300 CE 24	G-DA-CH-034	2962 & 2960	6, 6	3	88.5	1.5, 1.75, 3	CRIB, NTF, CHSL-B	SGI / S, GCI, GCI

DAIMLER CHRYSLER

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
M 103 E 30.980 / 981 / 982 / 985 / 983 / 984 / 987, M 104 E 30.980 / 981	300 E, 300 SE, 300 SL, 300 GE / TE, 300 SL 24, 300 CE 24	G-DA-CH-035	2962 & 2960	6	3	88.5	1.5, 1.75, 3	CIB, NTF, BPSL	SGI / S, GCI, S
M 120 E 60	600 SE / SEL, 600 SL	G-DA-CH-036	5987	V12	3	89	1.5, 2, 3	CIB, NTF, BPSL	SGI / S, GCI, S
M 102 E 18, 102.910, M 102 V 20.920 / 921, / 961 / 924 / 922 / 964 / 938 / 939M 102 E 20.920 / 921 / 922 / 961 / 962 / 963 / 964 / 965, M 102 E 20, M 102 V 20, M 102 V 20.938 / 939	190 E 1.8, 190, 200, 190 E, 200 T, 200 E, 200 GE, 190 (Export)190 E, 200 E, 200 GE (I), 190, 200, 200 (Export)	G-DA-CH-037	1797 & 1997 1996	4, 4, 4	3	89	1.75, 2, 3.5	CRIB, NTF, CHSL-B	SGI / S, GCI, GCI
OM 603 D 35 A, 941 / 942 / 943	350 SD, 350 GF Turbo, 208, 308, 408, 508, Sprinter	G-DA-CH-038	3449 & 2299	6, 4	3	89	2.5, 2, 3	CRIB, NTF, CHSL-B	SGI, GCI, GCI
OM 602.900 / 940 / 942 / 946 / 947 / 991, OM 602 DE 29, LA.980 / 981 / 982 / 983 / 984 / 985	210, 310, 410, 290 GD, Unimog, 90 / 110 / 140, Sprinter, 212 D, 312 D, 412 D,	G-DA-CH-039	2874	5	3	89	2.5, 2, 3	CRIB, NTF, CHSL-B	SGI, GCI, GCI
M 113 E 43, M 104 E 28.941.944, M 112 E 28, M 104.996, M 104 E 32.990 / 991, / 992 / 994 / 980 / 981 / 995, M 112 E 32, M 111 E 20.940 / 941 / 942 / 941 NVM 111 E 20 OB, M 111 E 20.948 OB NV, M 111 E 22.960 / 961 M 111 E 20 ML	C 43 / T, E 430 / TC 280, E 280, S 280, SL 280, G 320, 320 E, E 320, 300 SE, 320 SL, S 320200 E, 200 CE, 200 TE, E 200, C 200, C 200 T, E 200 T, Vito, 220 E, C 200, E 220, C 200 Kompressor	G-DA-CH-040	4266 & 2799 & 3199 & 1996 & 2199 & 1998	V8, V6, 6, 4, 4, 4	3	89.9	1.5, 1.75, 3	CIB, NTF, TPOR	SGI / S, GCI, S
M 111 E 23 ML, M 111 E 23	C 230 T, CLK 230, SLK 230, V230, ML 230, Kompressor,	G-DA-CH-041	2295 & 2295	4, V4	3	90.9	1.5, 1.75, 3	CIB, NTF, TPOR	SGI / S, GCI, S

DAIMLER CHRYSLER

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
OM 616.910 / 911 / 912, / 913 / 918 / 934 / 916.919 / 936.940 / 963, OM 617.910 / 912, OM 617.912 / 913 / 919, / 931 / 932, OM 617 A, OM 617 A.952	L 207D, L 307D, L 309D, L 407D, Unimog 421.600, U 600 / L, U6000, 100 D, MB 100, Industriemotor, Turbo (USA), 300 SD / CD	G-DA-CH-042	2399 & 2998	4, 8	3	90.9	3, 2, 4	CRIB, CTFIB, CHSL-B	SGI / S, GCI, GCI
OM 616.910 / 911 / 919 / 912 / 916 / 917 / 918, OM 617.910 / 912	207 D, 307 D, 309 D, 240 D, Unimog 421, Unimog 421, Industriemotor, 240 D 3.0, 240 D 3.0	G-DA-CH-043	2404 & 3005	4, 5	3	91	3, 2, 4	CRIB, CTFIB, CHSL-B	SGI / S, GCI, GCI
M 119 E 42.971 / 975	420 SE / SEL, 420 E, E 400, 400 SE	G-DA-CH-044	4196	V8	3	92	1.5, 1.75, 3	CRIB, CTFIB, CHSL-B	SGI / S, GCI, GCI
M 119 E 42.971 / 975	420 SE / SEL, 420 E, E 400, 400 SE	G-DA-CH-045	4196	V8	3	92	1.5, 1.75, 3	CIB, NTF, BPSL	SGI / S, GCI, S
M 116 E 42.964 / 965, M 119 E 42	420 SE, 420 SL, 400 E, E 400	G-DA-CH-046	4196	V8	3	92	1.5, 2, 3.5	CRIB, CTFIB, CHSL-B	SGI / S, GCI, GCI
M 116.960 / 961	380 SE, 380 SL	G-DA-CH-047	3818	V8	3	92	1.75, 2, 3.5	CRIB, CTFIB, CHSL-B	SGI / S, GCI, GCI
M 116 V 8.980 / 981 / 982 / 983, M 116.984 / 985, M 117, M 117.985 / 986	280 SE 3.5, 300, SE 3.5, 350 SE, 350 SL, 450 S, 450 SL, 450 SE, 450 SL (USA)	G-DA-CH-048	3499 & 4520	V8, V8	3	92	1.75, 2.5, 4	CRIB, NTF, CHSL-B	SGI / S, GCI, GCI
M 115 KV 23.958, M 115.951, / 954, M 115, M 115.952 / 955 / 970 / 971, / 972 / 973 / 974	O 309 B, 230, 230 G, L 408, L 409, O 309 B, 208, 210, 308, 230 G (USA0	G-DA-CH-049	2297 & 2307	4, 4	3	93.75	1.75, 2.5, 4	CRIB, NTF, CHSL-B	SGI / S, GCI, GCI
		G-DA-CH-050			3	93.75	1.75, 2.5, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
M 102.983, M 102.983 RUF, M 102.983, M 102 E.990	190 E 2.3-16, 190 E 2.3-16	G-DA-CH-051	2299 & 2499	4, 4	3	95.5	1.5, 1.75, 3.5	CRIB, NTF, CHSL-B	SGI / S, GCI, GCI

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Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
M 102 E 23.980 / 981, 982 / 985 / 989 / 998 NV, M 102 E 23.981 / 987, M 102 E 23.980 NV, M 102.942 / 943 / 945 / 946 / 958 / 959 NV, M 102 E 23.982 / 985 / 987 / 989 / 997	230 E, 230 GE, 190 E 2.3, 190 E, (USA), 210, 310, 410, O 309, 230G	G-DA-CH-052	2299	4	3	95.5	1.75, 2, 3.5	CRIB, NTF, CHSL-B	SGI / S, GCI, GCI
		G-DA-CH-053			3	95.5	1.75, 2, 3.5	CRIB, NTF, TPOR	SGI / S, GCI, GCI
M 119 E 50 FE	S 500, SL 500	G-DA-CH-054	4973	V8	3	96.5	1.5, 1.75, 3	CRIB, NTF, CHSL-B	SGI / S, GCI, GCI
M 117.960 / 961 / 964 / 965, M 117, M 119 E 50.960 / 970 / 972 / 974 / 970 NV, M 117.960 / 961, M 117, M 117.968	500 SE, 500 SEL, SEC Sports (USA), 500 SL, 500 E, 450 SLC 5.0, 560, 560 (USA), 560 SE, 560 SE / SEL / SEC	G-DA-CH-055	4973 & 5025 & 5547	V8, V8, V8	3	96.5	1.75, 2, 3.5	CRIB, CTFIB, CHSL-B	SGI, SGI, GCI
M 113.960-984	AMG E 55, CLK, ML 55, G 55	G-DA-CH-056	4966	8	3	97	1.2, 1.5, 2	C, NTF, TPOR	SGI / S, GCI, S
M 113 E 50	S 500, SL 500, G 500	G-DA-CH-057	4966	V8	3	97	1.2, 1.5, 3	C, NTF, TPOR	SGI / S, SGI, S
M 113 E 50	S 500	G-DA-CH-058	5000	V8	3	97	1.5, 1.75, 3	CIB, NTF, TPOR	SGI / S, SGI, S
OM 352 A, 353.909 / 910 / 911 / 912 / 913 / 914 / 950 / 951 / 952 / 953 / 954 / 970 / 971 / 972 / 976, OM 353 A, 353.953, OM 362 LA.900 / 906 / 909 / 910	1013, 1113, 1213, 1313, 1513, 1613, 1813, 917, 1017, 1217, 1417, 1617, UZ 150 / 425, U 1000 / L, U 1200 / L, U 1300 / L, U 1500, U 1700 / L, MB-Trac, 300 / 1100 / 1300 / 1500 / 1413, U 1000, U 1250, U 1300, U 1500, U 1700, 1300 / 1500, 1419, 1619, 2219, 2220, Baureihe 1017, 1300 / 1500 (USA), 1419 (USA), MB-Trac 900Turbo, Turbo (USA)	G-DA-CH-059	5675 & 3780	6	4	97	2.5, 2.5, 4	CRFK, CRTFIS, CHSL-B	SGI / S, GCI, GCI

DAIMLER CHRYSLER

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
OM 314.900-000.008 / 010.024, 910 / 914 / 915, / 918 / 919 / 940.947 / 949, 951 / 954 / 959, OM 352.900 / 903 / 904, / 906 / 907 / 909 / 911 / 914, / 932 / 933 / 941.946 / 964.970 / 976 / 979 / 964.970 / 976 / 979 / OM 353.900 / 904 / 917 / 941.946, 963.969, 981.984	L 408, L 508, LS 508, LP 608, LT, 608, L 613, LP / LPK / LPL 709, L 710, LP / LPL 809, L 810, LP 808, LP 811, LP 813, 911 B, LP 913, L 1013, L 1113 B, L 1213, LP 1313, L 1413, L 1513, L 1613, O 302, O 309, O 312, O 321, O 322, Traktor 65	G-DA-CH-060	3782 & 5673	4, 6	4	97	3, 3, 3, 5.5	CRFK, CTF, CTF, CHSL-B	SGI / S, GCI, GCI, GCI
OM 314.963, OM 352.906, OM 353.949 / 968	L 408, L 508, LS, 508, LP 608, LT, 608, L 613, LP / LPK / LPL 709, L 710, LP / LPL 809, L 810, LP 808, LP 811, LP 813, 911 B, LP 913, L 1013, L 1113 B, L 1213, LP 1313, L 1413, L 1513, L 1613, O 302, O 309, O 312, O 321, O 322, Traktor 65, 70, 700, 800, LS / LPS 911, LS 1113, LPS 1113, 70, 80, 84, 90, 95, 100, 110, 120, 125, 406, 416 / T, 425, HU 9109, U 900, 1000, 1100 / L, 1700, 9000, MB-Trac, 1100 / 1300	G-DA-CH-061	3782 & 5673	4, 6	5	97	3, 3, 3, 5.5, 5.5	CRFK, CTF, CTF, CHSL-B, SOR	SGI / S, GCI, GCI, GCI, GCI
OM 364.900 / 906 / 907 / 912, OM 356 A.940, OM 364 A.901 / 950 / 952.954 / 980 / 981, OM 364 LA. 901 / 950 / 952.954 / 980 / 981, OM 354 LA.900.903, / 920.925 Euro 2OM 366.900 / 905 / 907, / 909 / 910 / 912.914 / 917.919 / 930.933, OM 366.915 Euro 1, OM 366 A.901 / 951 / 953 / 955 / 957 / 960 / 962 / 965.971 / 974	1717, Unimog, 90 / 110 / 140, 711, 811, 610, 710, 810, 714, 814, 709, 809, 811, 814, 914, 1114, 1314, 1414, 1614, O 301, O 402, 817, 917, 1117, 1217, 1317, 1417, 1617, 1119, 1120, 1320, 1420, 1619, 711 D, 811 D, Forst-Trac, 814, 1117, 1317, 1417, 1517, 917, 817, 1120, 1320, 1520, 1820, 1120 / AF, 1224AF, 1120, 1120 AF / F, 1320, 1520, 1720, 1820, 1920	G-DA-CH-062	3972 & 5958 & 3970 & 5960 &	4, 6, 4, 6, 6	5	97.5	2.5, 2.5, 4	CRFK, CRTFIS, CHSL-B	SGI / S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
		G-DA-CH-063			3	97.5	2.5, 2.5, 4	CFK, CRRTFIS, BPSL	SGI / S, GCI, S
OM 904 LA.905.908, Euro 2, OM 906 LA.906 / 910 / 911 / 930 / 931 Euro 2	612, 711, 811, 812, 814, 911, 917, 1117, 1317, 1023, 1523, 1328, 1528, Atego	G-DA-CH-064	4250 & 6374	4, 6	3	102	3, 2.5, 4	CRFK, CRRTFIB, CHSL-B	SGI, GCI, GCI
OM 327	1216, 1317, 1417, 1517, O 302	G-DA-CH-065	7980	6	4	115	3.5, 3, 3, 5.5	CRFK, CTFIB, CTFIB, CHSL-B	SGI, GCI, GCI, GCI
OM 360.911 / 912 / 934, / 938 / 947, 954.956 / 959 / 974 / 976, / 978, OM 360 A	L / LP 1317, LP 1319, LP 1417, LP 1419, LP 1519, LP 1619, LP 1817, LP 1817, LP 1819O 302, O 305LKW, Omnibusse, (Export)	G-DA-CH-066	8720 & 8725	6	3	115	3.5, 3, 5.5	CRFK, CTFIB, CHSL-B	SGI, GCI, GCI
OM 407 A, OM 407 HaOM 401.905OM 403, OM 404 A.901	O 305 Gindustriemotor,	G-DA-CH-067	11413 & 10456 & 15950 & 20911	6, V6, V8, V12	4	125	3, 3, 3, 4	CFK, CTF, NTF, CHSL-B	SGI / S, GCI, GCI, GCI
OM 401 LA.901 / 970 / 972.975 / 977.981 / 984.994, Euro1, OM 402 A / LA.901 / 970.973 / 975 / 977 / 978 / 982.990 / 995, Euro1	0404, 1838, 2638, 2635, 1831, 2531, 1226, 1227, 1429, 1726, 1727, 1827, 2422, 2427, 2527	G-DA-CH-068	9572 & 12760	V6, V8	3	125	3, 3, 4	CFK, CRRTFIS, CHSL-B	SGI / S, GCI, GCI
		G-DA-CH-069			3	125	3, 3, 4	CFK, CTF, CHSL-B	SGI / S, GCI, GCI
		G-DA-CH-070				125	3, 3, 5	CFK, NTF, CHSL-B	SGI / S, GCI, GCI

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Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
OM 409, OM 407, OM 407, OM 407 h.905 / 907.911, OM 407 h.901 / 913.919 / 911.OM 401.900 / 905.909 / 912.916 / 918 / 919 / 921.923 / 925.928, OM 402.900 / 905.907 / 910.914 / 916 / 917 / 919, / 921.928, OM 403.910 / 915.919 / 930.932 / 934, OM 404.900OM 401.901 / 924, OM 403.911 / 933 / 935, OM 403.900 / 905 / 906	1719, O 305, O 307O 305, O 305G, 1219, 1419, 1419F, 1419L, 1619, 1719, 1819, 1916L, 1919, 2219, 2219K, 2219L, O 303, 1424, 1424F, 1624, 1624 L, 1626, 1626L, LP1626, 1924, 1926, 2224, 2224K, 2626, 2626A, 2626B, O 303, 1632, 1932, 2032, 1019, 1219, 1419, 1619, 1719, 1632K, 1932, 2032, 2632, 1632K / AK, LP / LPS / LPSL / LPK 1632, 1932K / AK, LP / LPS 1932, 1932 S, LP / LPL / LPK 2232, 2632A / AK	G-DA-CH-071	9200 & 11040 & 11413 & 9570 & 12760 & 15950 & 19140 & 10456 & 13941 & 17426 & 20911 & 15950	5, 6, 6, V6, V8, V10, V12, V6, V8, V10, V12, V10,	3	125	3, 3, 6	CFK, NTF, CHSL-B	SGI / S, GCI, GCI
		G-DA-CH-072			3	125	3, 3, 6	CFK, CRRTFIS, CHSL-B	SGI / S, GCI, GCI
DAVID BROWN									
AD 3 / 55, AD 4 / 55, AD 6 / 55	Tractor	G-DA-BR-001	2695 & 3594 & 5392	3, 4, 6	4	100.05	2.38, 2.38, 2.38, 4.74	CR, CTF, CTF, DB-SOR	GCI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
-' (1987-89)	Mitsubishi	G-DT-01	1999	4	3	85	1.5, 1.5, 4	IBTF, IBTF, 3POR	GCI, GCI, S
-' (1984-86)	Mitsubishi	G-DT-02	1999	4	3	85	2, 2, 4	IBTF, IBTF, 3POR	GCI, GCI, S
B, C, D		G-DT-03	2212	4	3	87.5	1.5, 1.5, 4	IBTF, RTFIB, 3POR	GCI, GCI, S
4G64 (1993)	Mitsubishi	G-DT-04	2359	4	3	86.5	1.2, 1.5, 2.8	CR, IBTF, 3POR	S, GCI, S
4G64 (1990-92)	Mitsubishi	G-DT-05	2359	4	3	86.5	1.5, 1.5, 4	IBTF, IBTF, 3POR	GCI, GCI, S
B [ED3]	GEMA	G-DT-06	2359	4	3	88	1.2, 1.2, 2	CR, N, 3POR	S, GCI, S
B (2003-07)		G-DT-07	2425	4	3	87.5	1.5, 1.5, 3	CR, IBTF, 3POR	S, GCI, S
B (1996-07)		G-DT-08	2425	4	3	87.5	1.2, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
P	Magnum	G-DT-09	2507	4	3	98.4	1.5, 1.5, 4	IBTF, RTFIB, 3POR	GCI, GCI, S
G, K		G-DT-10	2507	4	3	87.5	1.5, 1.5, 4	IBTF, RTFIB, 3POR	GCI, GCI, S
J		G-DT-11	2507	4	3	87.5	1.5, 1.5, 4	CR, RTFIB, 3POR	SGI, GCI, S
1984-1989	Mitsubishi	G-DT-12	2556	4	3	91.1	1.5, 1.5, 4	IBTF, RTFIB, 3POR	SGI, GCI, S
1980-1983	Mitsubishi	G-DT-13	2556	4	3	91.1	2, 2, 4	CR, RTFIB, 3POR	SGI, GCI, S
OM612' (2003), 'OM647LA' (2004-2009)	Mercedes Benz DIESEL	G-DT-14	2703	5	3	88	2.5, 2, 3	CR, RTFIB, CHSLB	SGI, GCI, GCI
-' (1960-1969),		G-DT-15	2785	6	3	86.4	5 / 64", 5 / 64", 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
'6' (1968-1969)		G-DT-16	2785	6	3	86.4	5 / 64", 5 / 64", 3 / 16"	CRIB, IBTF, 3POR	GCI, GCI, S
3 [6G72]' (1987-2000), 'S [6G72]' (1989-1991)	Mitsubishi	G-DT-17	2966	6	3	91.1	1.5, 1.5, 4	IBTF, RTFIB, 3POR	GCI, GCI, S
1987-2000	Mitsubishi	G-DT-18	2966	6	3	91.1	1.2, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
1987-1995	Mitsubishi	G-DT-19	2966	6	3	91.1	1.5, 1.5, 4	IBTF, RTFIB, 3POR	GCI, GCI, S
-' (1970), 'A' (1970-1971)		G-DT-20	3244	6	3	86.4	5 / 64", 5 / 64", 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
-' (1970), 'A' (1970-1971)		G-DT-21	3244	6	3	86.4	5 / 64", 5 / 64", 3 / 16"	CRIB, IBTF, 3POR	GCI, GCI, S
'J' (1994-1996)	CNG	G-DT-22	3293	6	3	93	1.5, 1.5, 3	IBTF, RTFIB, 3POR	GCI, GCI, S
'J' (1994-1996)	CNG	G-DT-23	3293	6	3	93	1.5, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
“3’ (2001-2003), ‘E [EGV]’ (2005-2009), ‘G [EGM]’ (1998-2001), ‘H’ (2008), 'R [EGA]' (1990-2007), 'S' (2004)"		G-DT-24	3293	6	3	93	1.5, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
“3’ (2001-2003), ‘E [EGV]’ (2005-2009), ‘G [EGM]’ (1998-2001), ‘H’ (2008), 'R [EGA]' (1990-2007), 'S' (2004)"		G-DT-25	3293	6	3	93	1.5, 1.5, 3	IBTF, RTFIB, 3POR	GCI, GCI, S
4' (2004-2006),		G-DT-26	3523	6	3	96	1.2, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
'V' (2009-2010		G-DT-27	3523	6	3	96	1.2, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
'-' (1949-1954)		G-DT-28	3572	6	4	82.6	3 / 32", 3 / 32", 5 / 32", 5 / 32"	IBTF, IBTF, 3POR, SOR	GCI, GCI, S, GCI
"-' (1960-1969), '6' (1968-1970), 'B' (1970-1979), 'C' (1970-1971, 1977), 'E' (1978, 1981-1982), 'H' (1983-1987), 'M' (1983), 'N' (1979-1980), 'W' (1982), 'X' (1971-1972)"		G-DT-29	3687	6	3	86.4	5 / 64", 5 / 64", 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
"-' (1960-1969), '6' (1968-1970), 'B' (1970-1979), 'C' (1970-1971, 1977), 'E' (1978, 1981-1982), 'H' (1983-1987), 'M' (1983), 'N' (1979-1980), 'W' (1982), 'X' (1971-1972)"		G-DT-30	3687	6	3	86.4	5 / 64", 5 / 64", 3 / 16"	CRIB, IBTF, 3POR	GCI, GCI, S
'K' (2002-2009)	Power-Tech	G-DT-31	3703	6	3	93	1.5, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
'K' (2002-2009)	Power-Tech	G-DT-32	3703	6	3	93	1.5, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
'-' (1950-1959)		G-DT-33	3769	6	4	82.6	3 / 32", 3 / 32", 5 / 32", 5 / 32"	IBTF, IBTF, 3POR, SOR	GCI, GCI, S, GCI
L [EGH]' (1994-2008),		G-DT-34	3769	6	3	96	1.2, 1.5, 3	CR, N, 3POR	S, GCI, S
1994-2003		G-DT-35	3769	6	3	96	1.5, 1.5, 3	IBTF, RTFIB, 3POR	GCI, GCI, S
'-' (1950-1952)	DeSoto	G-DT-36	3883	6	4	87.3	3 / 32", 3 / 32", 5 / 32", 5 / 32"	IBTF, IBTF, 3POR, SOR	GCI, GCI, S, GCI,
X' (1992-2003)	Magnum	G-DT-37	3916	6	3	99.3	5 / 64", 5 / 64", 4MM	IBTF, RTFIB, 3POR	GCI, GCI, S
X' (1992-2003)	Magnum	G-DT-38	3916	6	3	99.3	2, 2, 4	CR, RTFIB, 3POR	GCI, GCI, S

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Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
M' (1987), 'X' (1988-1991)		G-DT-39	3916	6	3	99.3	5 / 64", 5 / 64", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
'X' (2007-2009)		G-DT-40	3949	6	3	96	1.2, 1.5, 3	CR, N, 3POR	S, GCI, S
'-' (1961-1967)	Dodge	G-DT-41	4113	6	3	87.3	5 / 64", 5 / 64", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
'-' (1955)	Ford	G-DT-42	4260	8	3	96.5	5 / 64", 3 / 32", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
'P' (2009)	Magnum	G-DT-43	4703	8	3	93	1.5, 1.5, 3	CR, IBTF, 3POR	SGI, GCI, S
'J' (2005-2007)	Magnum HO	G-DT-44	4703	8	3	93	1.5, 1.5, 3	CR, IBTF, 3POR	SGI, GCI, S
N' (2000-2008), 'P' (2004-2008)	Power-Tech	G-DT-45	4703	8	3	93	1.5, 1.5, 3	CR, IBTF, 3POR	SGI, GCI, S
'-' (1957)	Plymouth	G-DT-46	4899	8	3	99.3	5 / 64", 5 / 64", 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'-' (1957)	Plymouth	G-DT-47	4899	8	3	99.3	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
'-' (1957-1958)		G-DT-48	5129	8	3	98.4	5 / 64", 5 / 64", 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
T' (1993-1997, 1999-2003)	Magnum CNG	G-DT-49	5211	8	3	99.3	5 / 64", 5 / 64", 4MM	IBTF, IBTF, 3POR	GCI, GCI, S
T' (1993-1997, 1999-2003)	Magnum CNG	G-DT-50	5211	8	3	99.3	5 / 64", 5 / 64", 4MM	IBTF, IBTF, 3POR	GCI, GCI, S
'Y' (1992-2003)	Magnum	G-DT-51	5211	8	3	99.3	5 / 64", 5 / 64", 4MM	IBTF, IBTF, 3POR	GCI, GCI, S
"-' (1958-1967), '8' (1968-1969), 'E' (1970-1980), 'G' (1971, 1974-1975), 'P' (1979-1982), 'R' (1981-1982), 'T' (1983-1987), 'U' (1983), 'Y' (1988-1991)"		G-DT-52	5211	8	3	99.3	5 / 64", 5 / 64", 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
“-’ (1958-1967), ‘8’ (1968-1969), ‘E’ (1970-1980), ‘G’ (1971, 1974-1975), 'P' (1979-1982), 'R' (1981-1982), 'T' (1983-1987), 'U' (1983), 'Y' (1988-1991)"		G-DT-53	5211	8	3	99.3	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
“-’ (1958-1967), ‘8’ (1968-1969), ‘E’ (1970-1980), ‘G’ (1971, 1974-1975), 'P' (1979-1982), 'R' (1981-1982), 'T' (1983-1987), 'U' (1983), 'Y' (1988-1991)"		G-DT-54	5211	8	3	99.3	2, 2, 4	IBTF, RTFIB, 3POR	GCI, GCI, S
2' (1998-2000)	Magnum LPG	G-DT-55	5211	8	3	99.3	5 / 64", 5 / 64", 4MM	IBTF, IBTF, 3POR	GCI, GCI, S
“2 [EZB]’ (2006-2008), ‘D’ (2003-2008), ‘T [EZC]’ (2009), ‘T [EZD]’ (2009), 'T [EZE]' (2009)"	HEMI	G-DT-56	5653	8	3	99.5	1.5, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
'-' (1958)		G-DT-57	5735	8	3	103.2	5 / 64", 5 / 64", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
6' (1998-2002), '7' (2001-2002), 'C' (2002)	Cummins HO ISB DIESEL	G-DT-58	5882	6	3	102	3, 2.35, 4	CRFK, IBTF, CHSL-B	SGI, GCI, GCI,
8' (1989-1991), 'C' (1991-1996), 'D' (1997-1998)	Cummins DIESEL	G-DT-59	5882	6	3	102	3, 2.35, 4	CRFK, IBTF, CHSL-B	SGI, GCI, GCI,
5' (1993-2002), 'Z' (1993-2003)	Magnum	G-DT-60	5899	8	3	101.6	1.5, 1.5, 4	IBTF, RTFIB, 3POR	GCI, GCI, S
“1’ (1983-1988), ‘5’ (1987-1992), ‘8’ (1968, 1970), ‘F’ (1971-1979), ‘K’ (1980), ‘S’ (1979-1982), ‘T’ (1974, 1979-1982), ‘U’ (1982), ‘W’ (1983-1988), ‘Y’ (1971-1972), 'Z' (1989-1992)"		G-DT-61	5899	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S

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Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
“1’ (1983-1988), ‘5’ (1987-1992), ‘8’ (1968, 1970), ‘F’ (1971-1979), ‘K’ (1980), ‘S’ (1979-1982), ‘T’ (1974, 1979-1982), ‘U’ (1982), ‘W’ (1983-1988), ‘Y’ (1971-1972), 'Z' (1989-1992)"		G-DT-62	5899	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
“1’ (1983-1988), ‘5’ (1987-1992), ‘8’ (1968, 1970), ‘F’ (1971-1979), ‘K’ (1980), ‘S’ (1979-1982), ‘T’ (1974, 1979-1982), ‘U’ (1982), ‘W’ (1983-1988), ‘Y’ (1971-1972), 'Z' (1989-1992)"		G-DT-63	5899	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1960-1961		G-DT-64	5915	8	3	104.8	5 / 64", 5 / 64", 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
1958		G-DT-65	5915	8	3	104.8	5 / 64", 5 / 64", 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
(1960-1961, 1963-1967, 1971), '8' (1968-1969), 'J' (1970-1971)		G-DT-66	6276	8	3	108	5 / 64", 5 / 64", 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'J' (1971-1978		G-DT-67	6554	8	3	110.3	5 / 64", 5 / 64", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
A' (1974), 'D' (1973-1979)		G-DT-68	7210	8	3	109.7	5 / 64", 5 / 64", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
'W' (1994-2003)		G-DT-69	7996	10	3	101.6	1.5, 1.5, 4	CRIB, RTFIB, 3POR	SGI, GCI, S
'H' (2004-2006)		G-DT-70	8275	10	3	102.4	1.5, 1.5, 3	CRIB, N, 3POR	SGI, GCI, S

FAP FAMOS

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
FF-1	VFK, FAP 13 FF	G-FA-FA-001	8300	6	4	112	3.5, 3, 3.5, 6	CRFK, CTFIB, N, DB-SOR	SGI, GCI, GCI, GCI
4 F, 4 FU	9 GF 4 F 3206	G-FA-FA-002	10000	6	4	123	3, 3, 3, 6	CRFK, CTFIB, N, DB-SOR	SGI, GCI, GCI, GCI
2F-B, 2 FU-B, 2 FP-B,	LKW, Bus, Industriemotor	G-FA-FA-003	11040	6	3	125	3.5, 3, 6	CRFK, CTFIB, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
156 A 4.000, M 204 AA.07.0,	Panda 750	G-FI-001	770	4	3	65	1.5, 1.5, 3	CRIB, CTF, TPOR	SGI / S, GCI, S
M 020 GS.07.0, 100 G 000, 100 GC 000, 100 GBC 000, 100 GF 000, 100 GL 000, ECE 146 A.000, 100 GT 000, 100 GBC 000, M 020 AA.09.0, 146 A.000	Panda, 850, Spezial, 133, Panda 34, 127, 850, SEAT Marbella, Panda, Spider, 127 (CH), Panda 45, Uno 45	G-FI-002	76, 98, 43, 903	4, 4	3	65	1.5, 2, 5 / 32"	CRIB, N, DB-PSL	GGI, GCI, GCI
A 112 B 1.054, M 020 CB.09.0, A 112 AB.2C.0, M 733 AT.12.Z	Panda 4x4, Panda 45Panda 4x4, Lancia A 112	G-FI-003	954 & 965 & 1050	4, 4, 4	3	67.2	1.5, 1.75, 5 / 32"	CRIB, NTF, TPOR	SGI / S, GCI, S
M 733 AT.12.Z	Gingo	G-FI-004	1247	4	3	69.6	2, 1.5, 2	C, CTF, BPSL	SGI / S, GCI, GCI
M 644LA.11.T, M 609ZA.11.C, M 609VA.11.C, 176 A6 SPI, 609 MA.11.C BIS	Cinquecento, Panda 1.1 i.e. 4x4, Panda 1100 i.e. Selecta, Punto 55, Punto 6 Speed Seicento 1.1	G-FI-005	1108	4	3	70	1.2, 1.2, 2.5	CRIB, NTF, TPOR	SGI / S, GCI, GCI
156 A 2.050, 156 A 2.100, 156 A 2.246, 156 A 2.0157, Fire 1000, M 204 BS 10.0, XO-125, M 204 BA.10.0, M 156 A2.000 / A3.000, M 204 AA.10.0, 156 A 2.000, 156 A 3.000, M 204 BA.10.0, 156 A 3.000, 156 C.046, M 204 AA.11.0, 160 A 3000	Uno 45, Panda 1000, Lancia Y 10, Lancia Y 10 Fire, Uno, Panda, Panda 4x4, Panda 1000, Tipo 1.1 Fire, Uno 60 Fire	G-FI-006	9991 & 108	4, 4	3	70	1.5, 1.5, 3.5	CRIB, CTF, TPOR	SGI / S, GCI, S
176 A8 MPI, 176 B 9000, 176 A6 SPI, 176 A7 SPI	Punto 75, Punto 85 16V, Punto 60, Punto 60 Cabrio	G-FI-007	1242	4	3	70.8	1.2, 1.2, 2.5	CRIB, NTF, TPOR	SGI / S, GCI, GCI
M 671 AA.14.Z	Punto	G-FI-008	1367	4	3	72	1, 1.2, 2	C, NTF, TPOR	SGI / S, GCI, GCI
	124 Berline, Familiare, Sedan, 238 B, 238 M2	G-FI-009	1197	4	3	73	1.5, 2, 5 / 32"	CRIB, N, DB-PSL	SGI / S, GCI, GCI
	126, 500 R	G-FI-010	594	2	3	73.5	1.5, 2, 5 / 32"	CR, NTF, DB-PSL	SGI / S, GCI, GCI
131 A.000	131	G-FI-011	1297	4	3	76	1.5, 2, 5 / 32"	CR.N, TPOR	SGI / S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
127 A 5000, M 703 AA.13.0	Uno D, Panda, Spazio (Arg), 127 D	G-FI-012	1302	4	3	76	2.5, 2, 3	CRFK, NTF, CHSL-B	SGI, GCI, GCI
M 709 BT.13.0M 709 AT.13.0	Uno TD	G-FI-013	1367	4	3	78	2.5, 2, 3	CRFK, CTFIB, CHSL-B	SGI, GCI, GCI
M 024 AA.07.0, 126 A 2.000, 128 A.000, 128 AC 5.000, 138 A.000, 138 B.000, 146 A 4.000, 146 A 4.048, 138 B 1.000, 138 C 1.000	126 Bis, Cinquecento, 128, Ritmo 60, Uno55, Ritmo Strada (USA), Uno, Ritmo, Ritmo ES, Uno Selecta	G-FI-014	704 & 1116	2, 4	3	80	1.5, 2, 5 / 32"	CRIB, NTF, TPOR	SGI / S, GCI, GCI
182 B6.000, M 645 WA.15.Z	Brava, Bravo, Stilo, Steel, Palio, Multipla, Marea	G-FI-015	1596	4	3	80.5	1.2, 1.2, 2	C, NTF, TPOR	SGI / S, GCI, GCI
	Uno, Punto	G-FI-016	1400	4	3	80.5	1.2, 1.5, 3	CR, CTF, TPOR	SGI / S, GCI, S
M 202 PA.13.0, 160 A1 046, M 202 PA.13.0,	Tipo DGT, Uno 70, Tempra, Uno	G-FI-017	1370	4	3	80.5	1.5, 1.75, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
M 603 BT.13.0	Uno Turbo, Punto GT	G-FI-018	1372	4	3	80.5	1.5, 2, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
M 603 AT.13.0, 146 A2.000 / 246, 146 A2.000 / 246	Uno Turbo	G-FI-019	1301	4	3	80.5	1.5, 2, 5 / 32"	CRIB, NTF, TPOR	SGI / S, GCI, S
839.A600	Stilo 2.4 JTD	G-FI-020	2387	5	3	82	2.5, 2, 2	CR, NTF, BPSL	SGI / S, GCI, GCI
M 724 MT 19.V182 B9.000, 186 A6.000, M724 NT 19.T	Nuova Punto, Marea, Stilo, Multipla	G-FI-021	1910	4	3	82	2, 2, 2	CR, NTF, BPSL	SGI / S, GCI, GCI
AR37101, 188A2.000	Bravo, Punto, Stilo, Marea, Multipla, 1.9 JTD SX, HSX ELX	G-FI-022	1910	4	3	82	2.5, 2, 2	CR, NTF, BPSL	SGI / S, GCI, GCI
188A3.000	Punto, Palio, Strada, Doplo 1.9	G-FI-023	1910	4	3	82	2, 2, 3	CR, NTF, BPSL	SGI / S, GCI, GCI
188A6.000, 839A7.000, Euro 3, 182 B7.000, 185 A8.000	Barchetta, Punto, Stilo 1.8i 16V	G-FI-024	1747 & 1998	4,	3	82	1.2, 1.2, 2	C, NTF, TPOR	SGI / S, GCI, GCI
175 A3	Coupé 2.0 i.e.20V Turbo	G-FI-025	1998	5	3	82	1.2, 1.5, 3	CRIB, NTF, TPOR	SGI / S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
M 634.AA, 182 A 3.00, 182 A1	Bravo, Brava, Bravo 2.0i HGT, 20V, Marea 2.0i 20V, HLX / W.E, Coupé 2.0i 20V	G-FI-026	1369 & 1998	4, 5	3	82	1.5, 1.5, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
182 A8 / A7, M 711 KT.19	Brava 1.9 TD, Marea 1.9TD-WE	G-FI-027	1910 & 2387	4, 5	3	82	3, 2, 3	CRFK, CTFIB, CHSL-B	SGI, GCI, GCI
M 711 KT.19	Croma TD i.D.	G-FI-028	1930	4	3	82.6	2, 2, 3	CR, N, CHSL-B	SGI / S, GCI, GCI
M 708.FA.17, M 705.CA.19, 149 A 1.000, 160 A 7.000, 831 D 1.000, M 707 CT.19.0, M705 VA.19.S, 149 B 1.000, M 711 AT.19.0M 705 FA.19.010149 B 1.000, 149 B 3.000, 149 B 4.000	Duna, Fiorino, Uno, Tipo, Eipo, Uno, Tempra, Tipo, Regata DS, Ritmo Turbo DS, Ducato, Croma TD i.D., Regata D, Uno D, Duna D, Tipo D, Ritmo D	G-FI-029	1697 & 1929 & 1930 & 1698	4, 4, 4, 4	3	82.6	2.5, 2, 4	CRFK, N, CHSL-B	SGI, GCI, GCI
M 710 AT.19.0, 160 A 6.000TCA 160, M 708 HT.17, M 718 AT.19	Tipo, Tempra, Punto, Tipo, Tempra, Ducato	G-FI-030	1929 & 1698 & 1929	4, 4, 4	3	82.6	3, 2, 3	CRFK, N, CHSL-B	SGI, GCI, GCI
M 707 HT.19.0, F 280 A 1000	Ducato TD	G-FI-031	1930	4	3	82.6	3, 2, 4	CRFK, N, CHSL-B	SGI, GCI, GCI
192 A 2.000, M649, HA 24.V025	Stilo	G-FI-032	2446	5	3	83	1.2, 1.2, 2	C, NTF, TPOR	SGI / S, GCI, GCI
838 A2, M649AA.24T.BIS, M649AA.24T.TER	Lancia K 2.4i, 20V, 20V SW, 20V Coupé	G-FI-033	2446	5	3	83	1.2, 1.5, 3	CIB, NTF, TPOR	SGI / S, GCI, S
XU 7 JP4	Ulysse 1.8i	G-FI-034	1761	4	3	83	1.5, 1.5, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
XUD 9A.XUD 9B	Scudo 1.9 D	G-FI-035	1905	4	3	83	2, 2, 3	CR, CTF, BPSL	SGI / S, GCI, S
138 A 5.000, 138 B 6.000	Ritmo D, Regata D	G-FI-036	1714	4	3	83	2.5, 2, 4	CRFK, N, CHSL-B	SGI, GCI, GCI
XUD 9 TE, XUD 8 B	Ulysse 1.9 TD, Scudo 1.9 TD	G-FI-037	1905	4	3	83	3.5, 2, 3	CRFK, CTF, CHSL-B	SGI, GCI, GCI
	Ritmo 105 TC / 125 TC, Lancia Monte, Cario	G-FI-038	1400 & 1600 & 2000	4, 4, 4	3	84	1, 1.5, 3	CIB, NTF, TPOR	SGI / S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
M 610 LA.18.C, 835 C.2000, M 611 LA 20 C 025, 159 A4.000, 159 A6.046, M 601 SA.20.A, M 619 AA.20 A, M 619 AA2.0, C 014, M 611, CA.20.A, M 615 KA.20.C, 160 A8 046, M 615 HA.20.C, 836 A3.000, M 615 HT.20.C	Tipo, Tempra, Tipo, Tempra, Croma i.e. (CH), Croma, Coupé, Lancia Delta	G-FI-039	1756 & 1995 &	4, 4	3	84	1.5, 1.5, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
131 A.000, 131 A 1.000, 131 B 1.000, 132 C.000, 132 CB.0A.0, 132 D 000, 131 C 2.000, 149 A.000, 138 AR.000, 149 A 2.000, A 402 AA.16.0, 149 A 4.000, AA.16.0, 149 C 2.000, M 406 AT.16.0, M 406 BT.16.0, 831 A 7.000, M 205 BA.16.0, 132 AB.000, 132 A 1.000, 132 B 1.000, 132 BB.1 A.0, 132 C 1.000, M 607 AA.18.0, 131 B 2.000, 132 DB.2 A.0, 132 C 2.000, 132 C 3.000, 132 D 1.000, M 601 AA.20.0, M 401 CG.20.0, M 154 A1.000, M 834 B.000, M 601 FT.20.0, 154 A2.000, M 601 HA.20.000.48, M 601 HT.20.000, 46 / 7, 834C.146, M 615 AA.20.0C, M 615 AT.20.0, M 615 AT.20.0	131, 132, Argenta, Regata, Ritmo 105 TC, Ritmo 100, Ritmo 90, Argenta 90, Tipo, Lancia Delta HF, Croma, 124, 132, Tipo 16 V, 131, 132, Argenta, Croma i.e., Croma CHT, Croma i.e. turbo, Lancia Thema	G-FI-040	1585 & 1756 & 1995	4, 4, 4	3	84	1.5, 2, 5 / 32"	CRIB, N, TPOR	SGI / S, GCI, GCI
XM 7 T	Ducato 10, Furgone	G-FI-041	1795	4	3	84	1.5, 2, 4	CRIB, N, TPOR	SGI / S, GCI, S
XUD 11 BTE	Ulysse 2.1 TD 12V	G-FI-042	2088	4	3	85	3, 2, 3	CRFK, CTF, CHSL-B	SGI, GCI, GCI
XU 10 J 4 RS	Ulysse 2.0 16V S	G-FI-043	1998	4	3	86	1.5, 1.5, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
	Dino	G-FI-044	2000	6	3	86	1.5, 1.5, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
XU 10 J2 C	Ulysse	G-FI-045	1998	4	3	86	1.5, 1.75, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
128 A 1.000, 128 AR 000, 128 AC 000, 128 AS 000	128, 128 3P, X 1 / 9	G-FI-046	1290	4	3	86	1.5, 2, 5 / 32"	CRIB, NTF, DB-PSL	SGI / S, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
182.A4.000, 182.A6.000, M 645 BA.15.T	Bravo, Brava	G-FI-047	1581	4	3	86.4	1.5, 1.5, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
159 A 3.000, M 202 PA 15.0, 159 A 3.000, M 202 PB 15.0	Tipo, Tempra, Tempra, Tipo, Punto, Scudo	G-FI-048	1580 & 1581	4, 4	3	86.4	1.5, 1.75, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
128 A 3.000, M 202 GA.13.0, 138 A 1.000, 138 A 3.000, 149 A 3.000, 138 B 2.000, 149 A 7.000, 138 B 3.000, 149 A 7.000, 138 AE 2.EE.0, 138 B 3.000, 128 A 5.000, 138 AS.000, 138 A 2.000, 138 B 3.048	Ritmo 75 Super, Regata 70 Super, Ritmo 65, Ritmo 70 Super, Uno 70 Super, Ritmo Strada (USA), Ritmo, Regata, Uno 75, Ritmo 75, Ritmo 85 Super, X 1 / 9	G-FI-049	1301 & 1302 & 1498 & 1499	4, 4, 4, 4	3	86.4	1.5, 2, 5 / 32"	CRIB, NTF, DB-PSL	SGI / S, GCI, GCI
	Croma 2.5 V6	G-FI-050	2492	V6	3	88	1.5, 1.5, 3.5	CRIB, CTF, CHSL-B	SGI / S, GCI, GCI
XN 1 T, P 170 B	Ducato 13, Furgone, Ducato 18	G-FI-051	1970	4	3	88	1.5, 2, 4	CRIB, CTF, TPOR	SGI / S, GCI, S
F1A, Sofim	Ducato	G-FI-052	2286	4	3	88	2.5, 2, 2.5	C, CTF, BPSL	SGI / S, GCI, GCI
8144.65.200 / 300	131 D, 132 D	G-FI-053	1995	4	3	88	2, 2, 4	CR, NTF, CHSL-B	SGI / S, GCI, GCI
	131 Mirafiori Diesel, 132 Diesel	G-FI-054	1995	4	3	88	3, 2, 4	CRIB, NTF, CHSL-B	SGI / S, GCI, GCI
	131 D, 132 D, Argenta D, Alfa 30 AR8, 35 AR8	G-FI-055	2445	4	3	93	2, 2, 4	CR, N, CHSL-B	SGI / S, GCI, GCI
B 25 / 637	242 E	G-FI-056	2499	4	3	93	2.5, 2, 4	CR, CTF, CHSL-B	GCI, GCI, GCI
8144.81.200, 8140.21, 8144.21, 8140.27.2700, 8140.47.2700, / 3700 Euro 1, 8140.07.2700, 8140.07.3700, NA Euro 1, 8144.97.2200, 8144.97.2400	Argenta TD, Croma TD, Ducato 13 / 14, Ducato 14 / 18, Daily, 35.10 / 12, 40.12, 49.12, 59.12, Ducato 14, Daily 30 / 30.8 / 35.8 / 40.8, Croma, Croma, Thema	G-FI-057	2445 & 2499 & 2500	4, 4, 4	3	93	3, 2, 3	CRFK, C-RTFIS, CHSL-B	SGI, GCI, GCI
8140.67.2500, 8144.67.2500	Ducato, Croma	G-FI-058	2499	4	3	93	3, 2, 3	CR, N, CHSL-B	SGI / S, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
8142.61, 8144.61, 8140.61	35.10 Turbodaily, 40.10W Turbodaily 4x4, 35.12 Turbodaily, 49.12-59.12, Turbodaily	G-FI-059	2445	4	3	93	3, 2, 4	CR, N, CHSL-B	SGI / S, GCI, GCI
8140.23, 8140.43	35.10 Turbodaily, 40.10W Turbodaily 4x4, 35.12 Turbodaily, 49.12-59.12, Turbodaily	G-FI-060	2798	4	3	94.4	3, 2, 3	CRFK, C-RTFIS, CHSL-B	SGI, GCI, GCI
8140, 435, 4000	Ducato JTD	G-FI-061	2798	4	3	94.4	2.5, 2, 2.5	CRFK, C-RTFIS, BPSL	SGI, GCI, GCI
8140.63.3700, 8140.63.4000	Ducato 2.8D, Maxi 2.8D	G-FI-062	2798	4	3	94.4	3, 2, 2.5	CRFK, C-RTFIS, BPSL	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
802 & 803 & 804 & 806, 8065.01.000	Traktor 250, 255, 300, 400, 416, 450, 455, 460, 470, 480, 500, 550, 555, 615, 625, 650, 662, 900	G-FI-IV-001	1560 & 2340 & 4678	2, 3, 4, 6	3	95	2.5, 2.5, 5.5	CRIB, CTFIB, CHSL-B	SGI, GCI, GCI
8065.06.000, 8045.06.213.215	Baumaschine	G-FI-IV-002	5418	6	3	100	2.5, 2.5, 4	CR, N, CHSL-B	SGI, GCI, GCI
8025.02, 8030.02, 8035.028040.02, 8045.02, 8060.02, 8065.02	Traktor 300, 350, 355, Traktor 400, 440, 446, 450, 455, 465, 466, 470, 474, 480, 488, 500, 505, 540, 616 N3, nova terra 4, AD4, R 8036, C 8050, C 8060, FL 4 C Benfra 115, Traktor 600, 640, 616 N ¾, 40 NC, 50 NC / NCS, 55 NL / NC 329, R 8070, C 8070, Nova terra TL 5, Traktor 1000, 80, NC / NT / NR, 90 NC / PC / P, 100 NCL, 110 NC / NR, / NT / PC, 110 F 12, Mähdrescher, M 112	G-FI-IV-003	1728 & 2592 & 3456 & 5187	2, 3, 2, 6	3	100	2.5, 2.5, 5.5	CR, CTF, CHSL-B	SGI, GCI, GCI
8065.06.230	Tractor	G-FI-IV-004	5418	6	3	100	3, 2.5, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
Tector NEF	75 E13, 15, 17, 18, 100 E17, 18, 21, 120 E17, 21-130 E 24, 28, 150, 180, 260, 320 E	G-FI-IV-005	3920 & 5880	4, 6	3	102	3, 2.4, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
8035.04, 8031.04, 8040.04.200, 8041.04, 8045.04.300, 8040.04, 8055.04.200, 8065.04.2, 8060.04.060, 8060.04	Trktor 505 CS, 566 / DT, 570 / V / F / DTF / DT, 580 / DT, 588, R 8056, Raupe 565 C, C 8066, Raupe FL 4-L, Radlader Benfra 215, Baureihe 50 / 55, Traktor 766 / DT, 780 / DT, 788, R 8076, Raupe FL 5, FL / FR 7, FR 9, FR 12, 765 C, 855 C, C 8076, 50.8, 55.8, 60.8, 65 P, 66.18 B, Traktor 880-5 / DT / Traktor 880-5 / DT / Radlader FR 7, Traktor 1000 S / DT, 1180 / DT, Raupe FL 7, Baureihe65 / 79 / 80 / 90 / 95 / 100 / 110, 315, 115, 135, 79.13, 79.14, 80.13, 80.14, 90.13, 90.14, 95.14, 100.13, 109.14, 110.14, 115.14, 120.13, 135.14, A55F13, A90.13, A90.14, 315.13, 316.13	G-FI-IV-006	2784 & 2749 & 3666 & 4583 & 5496 & 5499 & 5500	3, 4, 5, 6, 6, 6	3	103	2.5, 2.5, 4	CR, CTF, CHSL-B	SGI, GCI, GCI
8060.24.001, 8065.24	80.16, 115.17, 135.17, 315.17, FR 10 / 12, FE 18 R, Traktor 1280 T / 1	G-FI-IV-007	5500 & 5499	6, 6	3	103	3, 2.5, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
8030.05, 8035.05.000, 8040.05, 8045.05.000, 8050.05, 8055.05.000, 8060.05.000, 8065.05.000	60-66, 60-90, 60.65, 60.66, FL4, 50-65, 80-90, 80.65, 80.66, 80.90, 85.95, 90.90, FL 4, FL / FD 5, FB / FD / FL / FR 7, FR 9, FR 10, FE 12, 90-90, 90.90, 95.55, 79.14, 115.14, 115.90, FD 9, FL 10, 110.90, 115.90, FD / FL 7, Traktor	G-FI-IV-008	2931 & 3908 & 4885 & 5862	3, 4, 5, 6	3	104	2.5, 2.5, 4	CR, NTF, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
8065.05.330, 8065.25.000, 8065.25.080, 8060.25.000, 8065.25.220, 8040.25.000	LKW, Traktor, 110.17, 115.17, 135.17, 145.17, 157.17, Eurocargo 80, E 18, 60.11, 65.12, 75.12	G-FI-IV-009	5862 & 3908	6, 4	3	104	3, 2.5, 4	CRFK, NTF, CHSL-B	SGI, GCI, GCI
8040.25.4000, 8060.25.400, 8060.25.420, 8040.25.420, 8040.45 TCA, Euro 2, 8060.45 TCA, Euro 2, 8060.45.600	79.12, 115.17, 135.17, 79.12-300-360-4417, 79.12-300-360-4417, ML 65 E14, ML 130 E23, ML 80 E21, ML 120 E18	G-FI-IV-010	3906 & 5862 & 3908 & 3907 & 5861	4, 6, 4, 4, 6	3	104	3.5, 2.5, 4	CRFK, NTF, CHSL-B	SGI, GCI, GCI
CO 3 D, CN 3 D, CO 3 D, CP 3 / 80, CP 3 D, CP-3-11	Traktor 650 / DT, 850 / DT, 130 NT / NC / NR / F / R, Traktor 650 / DT, 850 / DT, 750, 800, 805, 130 NT / NC / NR / F / R, Traktor 650 / DT, 850 / DT, 130 NT / NC / NR / F / R, AD / BD / FL 10, SL 11, S / SR 70, S 90, Traktor 750, 805, 840, 850, 880, Cerbiatto-V, Lupetto, Daino, Tigrotto, Leoncino, OM 50 / 55 / 65 / 70 / 75	G-FI-IV-011	3706 & 4940 & 7412 & 4562	3, 4, 6, 4	4	110	2.5, 2.5, 2.5, 6	CR, CTF, N, BPSL	GCI, GCI, GCI, GCI
CP 3 D, CO 3 D, CO 3 D, CO 3 D	Tigrotto 50, 55, MK5, Traktor 650, 655, 750, 850, 880, Autocarro 120, Daino 40, 45, Leoncino 35, Lupetto 25, 30, Cerbiatto	G-FI-IV-012		6, 3, 4, 5	5	110	2.5, 2.5, 2.5, 5, 5	CR, CTF, N, BPSL, SOR	GCI, GCI, GCI, GCI, GCI
8360.46	Eurocargo	G-FI-IV-013	7685	6	3	112	3.5, 2.5, 4	CRFK, CTFIB, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
8340.04.000, 8340.06.000, 8340.05.000, CO 3 / 130, 8360.05.673 / .300, 8361.01 / .05, 8365.05.500	50 F 9, 55 F 9, 50 F 10, 55 F 10, 65 F 10, 70 F 10, 75 F 10, 50 NC, 55 NC, 65 NC, 70 NC, 75 NC, CO 3-130t, FL 9, Traktor CO 3-130, 140, 150 NC 17, 159, Traktor 1580, 1355C, F, FE 20 / 24, FG 75	G-FI-IV-014	4570 & 5400 & 5401 & 8100 & 8102	4, 4, 4, 6, 6	3	115	2.5, 2.5, 4	CR, CTF, CHSL-B	SGI, GCI, GCI
8361.25.510, 8361.45.500, 8361.45.530, 8365.25.500, 8365.25.532 / .500	Industriemotor, Marinemotor, Traktor 1880, 1580, 160-90, 180-90, FD / FL 14, FR 15, FR 20, FE 28, FG 85, FG 95, FA 150, FR 158, Traktor 1580, 1880	G-FI-IV-015	8102	6	3	115	3, 2.5, 4	CRFK, CTFIB, CHSL-B	SGI, GCI, GCI
F2BE0681	Eurotech 190 E, 260 E, 440 E	G-FI-IV-016	7790	6	3	115	3, 2.5, 4	CRFK, CTFIB, CHSL-B	SGI, GCI, GCI
8460.21.002, 8460.21.102, 8460.21.406, 8465.21.002, 8460.21.010, 8460.21.601, 8460.21.202, 8460.21.611, 8460.41.320, 8460.41.406, 8460.41.101	175.24, 190.26, Bus 680, 190.24 TC, Bus 480, 190.32, 240.32, LKW, 190.32	G-FI-IV-017	9498 & 9500	6, 6	3	120	3.5, 3, 5	CRFK, CTFIB, CHSL-B	SGI, GCI, GCI
F3AE0681, DA017 / 31, EA 017 / 024 / 031	Eurotech	G-FI-IV-018	10300	6	3	125	3.5, 3, 4	CRFK, NTF, CHSL-B	SGI, GCI, GCI
8220.02 / 12, 16524	150.20, 130.20, 190.20	G-FI-IV-019	9570	6	3	125	3, 3, 4	CR, CTF, CHSL-B	SGI, GCI, GCI
8200.02.00 / 220 A, 8200.12.004, 8205.02	684 N / NP / NT / T / TP, 690 N 4, Traktor AD / BD / FL 14, 150 C, 308, 309, 331, 343, 409, 418, 420	G-FI-IV-020	9800	6	4	125	3.5, 3, 3, 5.5	CRFK, CTF, NTF, CHSL-B	SGI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
8220.22, 8220.32	165.24, 180.24, 370.24 (Vertikal), 671.24 (Horizontal)	G-FI-IV-021	9572	6	4	125	4, 3, 3, 4	CRFK, CTF, CTF, CHSL-B	SGI, GCI, GCI, GCI
203 A / 61-221.000	682 N3, N4, T3, T4, 690 N1, N2, T1, T1R, Bus 306	G-FI-IV-022	11548	6	4	130	4, 3, 3, 5.5	CRFK, CTFIB, NTF, CHSL-B	SGI, GCI, GCI, GCI
F3BO681 CB 401 / 402 / 411 Cursor 13	260 E, 340 E, 380 E, 410 E, 440 E, 720 E	G-FI-IV-023	12882	6	3	135	4, 3, 5	CRFK, CTF, CHSL-B	SGI, GCI, GCI
8210.02.00 / 221 A, 8210.12.0, 8215.02, 8210.22 S, 8210.22.000, 8215.22, 8210.22.869	170, 180, 190, 240, 260, 300, 330, 370, 421, 619, 691, 697, 190, 170, 240, 260, 370, Raupe FL / FR / FD 20, FE40 / 45, LKW	G-FI-IV-024	13797 & 13798 & 13795	6, 6, 6	4	137	4, 3, 3, 5.5	CRFK, CRTF, CRTF, CHSL-B	SGI, GCI, GCI, GCI
		G-FI-IV-025			4	137	4, 3, 3, 5.5	CRFK, CTF, CTF, CHSL-B	SGI, GCI, GCI, GCI
8210.42.101, 8210.42.151 / 152, 8210.42.400, 8210.42.009, 8210.42.369, Euro 2	190.36, 240.36, 330.36, 340.36, TurboStar, 190.38, TurboTech 380, Eurotech, 400 E 42, 190 E 42, 260 E 42, 380 E 42, 440 E 42, 410 E 42, 720 E 42, 330.36, Eurotruc 370CV, LD 240 E 47	G-FI-IV-026	13798	6	3	137	4, 3, 5.5	CRFK, CTF, CHSL-B	SGI, GCI, GCI
8260.02, 8280.018280.02		G-FI-IV-027		6, V8, V8	3	145	3.5, 3, 6	CR, CRTF, CHSL-B	GCI, GCI, GCI
8260.01 / 02, 8280.01 / 02.000, 8280.42.001, 8280.22, 8281.22, 8282.22, 8285.22, 8280.45.350	370.25, 170, 190, 220, 240, 260, 330, 190.48, TurboStar 2, 190, 220, 240, 320, FR35, FD30, LKW, Traktor, Baumaschine, Industrie-, Marinemotor	G-FI-IV-028	12876 & 17174 & 17170	V6, V8, V8	3	145	4, 3, 6	CRFK, CRTF, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
1.1, HCS	Fiesta, Escort	G-FO-001	1119	4	3	68.7	1.5, 1.75, 3	CRIB, N, TPOR	SGI / S, GCI, S
	Escort	G-FO-002	1300	4	3	70	1.75, 2, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
CHT	Escort	G-FO-003	1300	4	3	71.5	1.75, 2, 4	CRIB, CTF, TPOR	SGI / S, GCI, S
ZH132, Zetec S	Fiesta 1.25 Trend	G-FO-004	1242	4	3	71.9	1.2, 1.5, 2.5	CIB, NTF, TPOR	SGI / S, GCI, GCI
		G-FO-005	1288	4	3	73	1.75, 2, 4	CR, N, TPOR	SGI / S, GCI, S
OHV, H / HCF, CFI, EFI, Valencia	Escort, Orion, Fiesta, Ka	G-FO-006	1297	4	3	74	1.5, 1.75, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
TK B, LC, TKB, LC, HC, GSF, HC	Fiesta, Fiesta, Fiesta, Escots	G-FO-007	935 & 957 & 1117	4	3	74	1.6, 2, 4	CR, NTF, TPOR	SGI / S, GCI, S
ZH14, Zetec S, Zetec SE	Fiesta – Focus, Puma	G-FO-008	1388	4	3	76	1.2, 1.5, 2.5	C, CTF, TPOR	SGI / S, GCI, GCI
Zetec	Escort 1.6 16V	G-FO-009	1597	4	3	76	1.2, 1.6, 2.5	CIB, NTF, TPOR	SGI / S, GCI, S
Zetec 16 V	Escort, Orion	G-FO-010	1597	4	3	76	1.2, 1.6, 2.5	CRIB, NTF, TPOR	SGI / S, GCI, S
E3, E5	Laser, Laser	G-FO-011	1296 & 1490	4, 4	3	77	1.5, 2, 4	CR, NTF, TPOR	SGI / S, GCI, S
CVH, FUA1392 cm3	Fiesta, Escort, Orion, Fiesta, Escort, Orion	G-FO-012	1396 & 1392	4, 4	3	77.25	1.6, 2, 4	CR, N, TPOR	SGI, GCI, S
NA-new	Courier	G-FO-013	1800	4	3	78	1.2, 1.5, 2	CR, NTF, TPOR	SGI / S, GCI, S
VB	Courier	G-FO-014	1800	4	3	78	1.5, 1.5, 4	CRTF, NTF, TPOR	SGI / S, GCI, S
FYDA, FYDB, Sigma, Zetec	Focus 1.6 16V, Fiesta, Mondeo, Puma, Fusion 1, 16V	G-FO-015	1596	4	3	79	1.2, 1.5, 2	CR, NTF, TPOR	SGI / S, GCI, S
HC, Kent	Cortina, Taunus	G-FO-016	1294	4	3	79	1.6, 2, 4	CR, CTF, TPOR	SGI, GCI, S
LC	Capri II, Taunus	G-FO-017	1285	4	3	79	2, 2.5, 4	CR, CTF, TPOR	SGI, GCI, S
4.107	Transit	G-FO-018	1800	4	5	79.37	5 / 64", 1 / 16", 1 / 16, 3 / 16", 3 / 16"	CRIB, CIB, CIB, CHSL-B, SOR	GCI, GCI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
MA-new	Courier	G-FO-019		4	3	80	1.2, 1.5, 4	CR, NTF, TPOR	SGI, GCI, S
CVH	Sierra	G-FO-020	1800	4	3	80	1.5, 1.5, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
CVH, HC, IPC, CVH, LRB, EFI, CVH, LNA, LUC	Fiesta, Escort, Orion, Escort, Fiesta XR 2, Escort XR 3, Escort RS, Escort XR 3i, Orion, Fiesta XR 2i, Escort RS Turbo, Escort XR 3i, Orion, Fiesta XR 2, Escort	G-FO-021	1298 & 1597 & 1598	4	3	80	1.6, 2, 4	CR, NTF, TPOR	SGI, GCI, S
Kent	Fiesta D, Escort D, Orion D	G-FO-022	1608	4	3	80	2, 2, 3	CR, CTF, CHSL-B	SGI / S, GCI, GCI
1.8 DOHC 16V, RKA, RFM	Fiesta, Escort, Mondeo	G-FO-023	1796	4	3	80.6	1.5, 1.6, 2.5	CRIB, NTF, TPOR	SGI / S, GCI, S
DOHC 4V (Zeta)	Fiesta XR2i / S, Escort, Orion	G-FO-024	1800	4	3	80.6	1.5, 1.6, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
ZH 18N / M / P, Zetec E	Focus 1.8i, Escort 1.8i, Mondeo 1.8i	G-FO-025	1796	4	3	80.6	1.2, 1.6, 2.5	CIB, NTF, TPOR	SGI / S, GCI, S
VR6	Galaxy	G-FO-026	2792	V6	3	81	1.5, 1.75, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
E	Sierra	G-FO-027	1598	4	3	81.3	1.6, 2, 4	CR, CTF, TPOR	SGI, GCI, S
116, OHC-4	Escort 1.9	G-FO-028	1900	4	3	82	1.5, 1.5, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
116, OHC-4	Escort 1.9	G-FO-029	1900	4	3	82	1.5, 1.5, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
SEA	Mondes 2.5 24 V GT	G-FO-030	2544	6	3	82.4	1.2, 1.5, 3	CIB, CTF, TPOR	GCI, GCI, GCI
LD18TCI Lynx	Focus 1.8 TDdi, Escort, Mondeo	G-FO-031	2544	4	3	82.5	2, 2, 3	CRHK, CTF, CHSL-B	SGI / S, GCI, GCI
RTE, RTF	Escort D, Orion D, Fiesta D, Fiesta, Escort	G-FO-032	1753	4	3	82.5	2, 2, 3	CR, CTF, CHSL-B	SGI / S, GCI, GCI
	Mondeo TD, Escort, Sierra TDP100 Pick up Van	G-FO-033	1753	4	3	82.5	2.5, 2, 3	CRFK, CTF, CHSL-B	SGI, GCI, GCI
EAO	Scorpio 2.4i, Scorpio	G-FO-034	2394	V6	3	84			

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
P 6 / 3, LC, P 5 DH, HC	Taunus 17MCapri, Tanus 12 M, Transit 600, Taunus 12 M, Taunus 17 M / 20M, Capri 2000, 41 F, 42 F, 43 F, 45 F, 46 F, Capri 2000 II, Taunus 2000, Granada 2000	G-FO-035	1698 & 1288 & 1998	4, V4, V6	3	84	2, 2, 3	CRIB, N, TPOR	SGI / S, GCI, S
EAO	Mondeo	G-FO-036	1988	4	3	84.8	1.5, 1.75, 3	CRIB, CTF, TPOR	SGI / S, GCI, S
EAO	Mondeo 2.0i, Contour 2.0i	G-FO-037	1988	4	3	84.8	1.5, 2, 3	CRIB, N, TPOR	SGI / S, GCI, S
ZH20, ZETEC E	Mondeo, Focus, Cougar 2.0 16v	G-FO-038	1988	4	3	84.8	1.2, 1.5, 3	CR, CTF, TPOR	SGI / S, GCI, GCI
CAA, EAO, Sigma, Zetec	Mondeo, Focus, Cougar 2.0 16v	G-FO-039	1998	4	3	84.8	1.2, 1.75, 3	CR, CTF, TPOR	SGI / S, GCI, GCI
2.0TDi Duratorq,	Transit Mondeo	G-FO-040	1998	4	3	86	2.5, 2, 3	CRHK, CTF, BPSL	SGI / S, GCI, GCI
DOHC / EFI / NS / NSE	Galaxy, Sierra, Scorpio, Transit	G-FO-041	1998	4	3	86	1.6, 1.75, 3	CR, NTF, TPOR	SGI, GCI, S
4V (Zeta)	Econovan	G-FO-042	2000	4	3	86	2, 2, 4	CRIB, CTFIS, CHSL-B	SGI, GCI, GCI
OHC / REC	Granada, Sierra, Scorpio	G-FO-043	1796	4	3	86.2	1.6, 2, 4	CR, CTF, TPOR	SGI / S, GCI, S
CVH	Taunus, Cortina, Capri, Granada, Sierra	G-FO-044	1594	4	3	87.65	1.6, 2, 4	CR, CTF, TPOR	SGI, GCI, S
LC	Taunus 1600 Capri 1600 II, Transit 100 / 120 / 130 /	G-FO-045	1576	4	3	87.65	2, 2.5, 4	CR, CTF, TPOR	SGI / S, GCI, S
XD 4.88	Granada	G-FO-046	1948	4	4	88	2, 2, 2, 4.5	CR, CTF, NTF, BPSL.	SGI / S, GCI, GCI, GCI
183 V-6	Taurus 3.0 V6	G-FO-047	3000	V6	3	89	1.5, 1.5, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
DH 23	Scorpio, Ghia, Galaxy 2.3 I 16V	G-FO-048	2295	4	3	89.6	1.6, 1.5, 2.5	CR, NTF, TPOR	SGI, GCI, S
DT24N, DT24P, DT24H	Transit TD, Transit Tdi	G-FO-049	2402	4	3	89.9	2.5, 2, 3	CRHK, CTFIB, BPSL	SGI / S, GCI, GCI
XD 4.90	Granada	G-FO-050	2112	4	4	90	2, 2, 2, 4.5	CR, CTF, N, BPSL	SGI / S, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
P 4 C, P 6 / 5, PQ 5, P 4 S, P 5 / 6, R 5, HF 17 L, R 7, P 5, 1699 cm3, HF 23, HF 23	Taunus 15 M, Capri 1500, Taunus 12M / 15M / 17M, 23 G, 28 G, 29 G, 21 G, 22 G, 25 G, 72 E 3, 73 E 2, Transit 900 / 1100, 75 / 100 / 900 / 1000, Taunus 17M / 17M Capri 1700, Consul 1700, Granada 1700, Transit 100 / 115 / 125 / 130 / 150 / 175 / 1300 / 1500 / 1759 / 1750, 82 E 4, 211, 215, 20 M, 21 M / TS, Capri 2300, Taunus 2300, Granada 2300, 20 M, Sierra 2.3	G-FO-051	1498 & 1699 & 2293 & 2294	V4, V4, V6, V6	3	90	2, 3, 4	CR, N, TPOR	SGI / S, GCI, S
YB P	Escort Cosworth	G-FO-052	1993	4	3	90.8	1.5, 1.75, 3	CRIB, CTF, TPOR	SGI / S, GCI, S
LC, HC	Pinto 2000 (USA), Taunus 2000, Granada 2000, Capri 2000, Transit 100 / 120 / Taunus 2000, Granada 2000, Capri 2000, Transit 100 / 120 / Taunus 2000, Granada 2000, Capri 2000, Transit 100 / 120 / Taunus 2000, Granada 2000, Capri 2000, Transit 100 / 120 /	G-FO-053	1998 & 1994	4	3	90.8	1.6, 2, 4	CR, CTF, TPOR	SGI, GCI, S
1998 cm3	TaunusCapri, Cortina, Consul, Granada, Pinto	G-FO-054	1998	4	2	90.8	2, 2.5, 4	CR, CTF, TPOR	SGI / S, GCI, S
FB	Scorpio	G-FO-055	2935	V6	3	93	1.6, 1.75, 3	CR, NTF, TPOR	SGI, GCI, S
	Sierra, Scorpio, Scorpio 2.9i,	G-FO-056	2935	V6	3	93	1.6, 1.75, 3.5	CR, NTF, TPOR	SGI, GCI, S
HC	Sierra XR 4i, Granada 2.8i, Scorpio 2.8i, Capri 2.8i, Capri, Capri 2.8 Turbo, Granada 2.8, Marinemotor	G-FO-057	2772 & 2792	V6, V6	3	93	2, 2.5, 4	CR, N, TPOR	SGI / S, GCI, S
York	Transit 80 / 100 / 120 / 130 / 160 / 190	G-FO-058	2496	4	3	93.67	2, 2, 4	CR, CTFIB, CHSL-B	GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
2401 E York, 2402 E York	Transit 75 / 80 / 90 / 100 / 115 / 120 / 125 / 130 / 150 / 160 / 175 / 190, A 0505 / 0609, Van 100 / 150, A 0409 / 0509 / 0609 / 0709	G-FO-059	2358 & 3537	4, 6	3	93.67	3 / 32”, 3 / 32”, 3 / 16”	CRHK, CTFIB, CHSL-B	SGI / S, GCI, GCI
York	Transit 100 L / 120 / 130, / 150 / 160 / 190	G-FO-060	2496	4	3	93.67	2.5, 2, 4	CRFK, CTFIB, CHSL-B	SGI / S, GCI, GCI
LX D 2, KXD 3 P	Sierra 2.3 D, Granada 2.3 D, Scorpio 2.3 D, Granada 2.5 D, Scorpio 2.5 D	G-FO-061	2304 & 2498	4, 4	3	94	2, 2, 4	CR, N, CHSL-B	SGI / S, GCI, GCI
XD 3 T	Scorpio	G-FO-062	2498	4	3	94	3, 2, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
	Aerostar, Explorer, Ranger	G-FO-063	3958	V6	3	100.4	1.6, 1.75, 3.5	CR, CTF, TPOR	SGI, GCI, S
1988-1997	Mazda	G-FO-063	1295	4	3	71	1.2, 1.5, 3	CR, N, 3POR	GCI, GCI, S
1991-1994	Mazda	G-FO-064	1606	4	3	78	1.5, 1.5, 4	CR, IBTF, 3POR	S, GCI, S
1991-1994	Mazda	G-FO-065	1606	4	3	78	1.5, 1.5, 4	CR, IBTF, 3POR	S, GCI, S
1987-1989	Mazda	G-FO-066	1606	4	3	78	1.5, 1.5, 4	CR, IBTF, 3POR	S, GCI, S
1981-1985		G-FO-067	1606	4	3	79.9	1.6, 2, 4	CR, RTFIB, 3POR	SGI, GCI, S
1984-1985	Turbo	G-FO-068	1606	4	3	79.9	1.6, 2, 4	CR, RTFIB, 3POR	SGI, GCI, S
1978-1980		G-FO-069	1606	4	3	80.98	1 / 16", 5 / 64", 5 / 32"	IBTF, IBTF, 3POR	GCI, GCI, S
1971-1973		G-FO-070	1606	4	3	80.98	1 / 16", 5 / 64", 5 / 32"	IBTF, IBTF, 3POR	GCI, GCI, S
1991-1996	Mazda	G-FO-071	1835	4	3	83	1.5, 1.5, 3	CR, N, 3POR	S, GCI, S
1987-1996		G-FO-072	1901	4	3	81.9	1.5, 1.5, 3	CR, RTFIB, 3POR	SGI, GCI, S
1985-1986		G-FO-073	1901	4	3	81.9		IBTF, IBTF, 3POR	GCI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
2005-2010	Duratec	G-FO-074	1982	4	3	87.5	1.2, 1.2, 2.5	CR, IBTF, 3POR	S, GCI, S
1993-1995	Mazda	G-FO-075	1999	4	3	83	1.2, 1.5, 3	CR, N, 3POR	S, GCI, S
1995-2004	Zetec	G-FO-076	1999	4	3	84.8	1.5, 1.75, 3	CR, RTFIB, 3POR	SGI, GCI, S
1997-2002		G-FO-077	1999	4	3	84.8	1.5, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
1989-1992	Mazda	G-FO-078	2195	4	3	86	1.5, 1.5, 4	CR, IBTF, 3POR	S, GCI, S
1984-1994	HSC	G-FO-079	2294	4	3	93.5	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1985-1991	HSC-High Output	G-FO-080	2294	4	3	93.5	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1985-1993		G-FO-081	2294	4	3	96	1.5, 1.5, 4	CR, RTFIB, 3POR	GCI, GCI, S
1974-1984		G-FO-082	2294	4	3	96	2, 2, 4.75	CR, IBTF, 3POR	GCI, GCI, S
1979-1989	Turbo	G-FO-083	2294	4	3	96	2, 2, 4.75	CR, RTFIB, 3POR	SGI, GCI, S
1985	LPG	G-FO-084	2294	4	3	96	1.5, 1.5, 4	CR, RTFIB, 3POR	GCI, GCI, S
1985	LPG	G-FO-085	2294	4	3	96	2, 2, 4.75	CR, IBTF, 3POR	GCI, GCI, S
2003-2009	Duratec	G-FO-086	2294	4	3	87.5	1.2, 1.2, 2.5	CR, IBTF, 3POR	S, GCI, S
1960-1964		G-FO-087	2359	6	3	88.9	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1960-1964		G-FO-088	2359	6	3	88.9	5 / 64", 5 / 64", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
1993-1997	Mazda	G-FO-089	2490	6	3	84.5	1.5, 1.5, 3	CR, IBTF, 3POR	S, GCI, S
1986-1991	HSC	G-FO-090	2507	4	3	93.5	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1995-2002	Duratec	G-FO-091	2540	6	3	82.4	1.2, 1.5, 3	CR, N, 3POR	S, GCI, S
1972-1973		G-FO-092	2605	6		90	2, 3, 4	IBTF, TF, 3POR	GCI, GCI, S
1974-1979		G-FO-093	2802	6	3	93	2, 2.5, 4	CR, IBTF, 3POR	GCI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
1988-1989		G-FO-094	2900	6	3	93	1.60, 1.75, 3.50	IBTF, RTFIB, 3POR	GCI, GCI, S
1996-2009	Duratec	G-FO-095	2966	6	3	89	1.20, 1.5, 2.5	CR, N, 3POR	S, GCI, S
1996-2009	Duratec	G-FO-096	2966	6	3	89	1.20, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
1989-1995	Yamaha SHO	G-FO-097	2982	6	3	89	1.20, 1.5, 2.80	CR, IBTF, 3POR	S, GCI, S
1998-2007	Vulcan	G-FO-098	2982	6	3	89	1.5, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
1986-2000	Vulcan	G-FO-099	2982	6	3	89	1.5, 1.5, 4	CR, RTFIB, 3POR	S, GCI, S
1986-1996	Vulcan	G-FO-100	2982	6	3	89	1.5, 1.5, 4	CR, N, 3POR	S, GCI, S
1996	Vulcan	G-FO-101	2982	6	3	89	1.5, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
1963-1983		G-FO-102	3277	6	3	93.5	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
1963-1983		G-FO-103	3277	6	3	93.5	5 / 64", 5 / 64', 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
1996-1999	Yamaha SHO	G-FO-104	3392	8	3	82.4	1.2, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
2007-2010	Duratec	G-FO-105	3490	6	3	92.5	1.20, 1.5, 2.5	CR, N, 3POR	S, GCI, S
1996-2004		G-FO-106	3801	6	3	96.8	1.5, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
1988-1995		G-FO-107	3801	6	3	96.8	1.5, 1.5, 4	CR, RTFIB, 3POR	SGI, GCI, S
1982-1987		G-FO-108	3801	6	3	96.8	2, 2, 4	CR, IBTF, 3POR	GCI, GCI, S
1989-1995		G-FO-109	3801	6	3	96.8	1.5, 1.5, 4	CRIB, CRTFIB, 3POR	SGI, GCI, S
1949-1953		G-FO-110	3916	8	4	80.98	3 / 32", 3 / 32", 3 / 16", 3 / 16"	IBTF, IBTF, 3POR, 3POR	GCI, GCI, GCI, S
1965-1972		G-FO-111	3933	6	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
1965-1972		G-FO-112	3933	6	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
2000-2006		G-FO-113	3965	8	3	86	1.2, 1.5, 2.5	CR, N, 3POR	SGI, GCI, S
1969-1980		G-FO-114	4096	6	3	93.5	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
1969-1980		G-FO-115	4096	6	3	93.5	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
1950-1953		G-FO-116	4178	8	4	80.98	3 / 32", 3 / 32", 3 / 16", 3 / 16"	IBTF, IBTF, 3POR, 3POR	GCI, GCI, GCI, S
1954		G-FO-117	4195	8	3	92.1	3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
1954		G-FO-118	4195	8	3	92.1	3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, 3POR	GCI, GCI, S
1962-1964		G-FO-119	4260	8	3	96.5	5 / 64", 3 / 32", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1955-1957		G-FO-120	4457	8	3	92.1	3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
1955-1957		G-FO-121	4457	8	3	92.1	3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, 3POR	GCI, GCI, S
1993-2004		G-FO-122	4604	8	3	90.2	1.5, 1.5, 3	CR, N, 3POR	GCI, GCI, S
1993-2004		G-FO-123	4604	8	3	90.2	1.5, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
1996-2004		G-FO-124	4604	8	3	90.2	1.2, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
2003-2004		G-FO-125	4604	8	3	90.2	1.5, 1.5, 3	CR, N, 3POR	GCI, GCI, S
2003-2004		G-FO-126	4604	8	3	90.2	1.5, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
2001		G-FO-127	4604	8	3	90.2	1.5, 1.5, 3	CR, N, 3POR	GCI, GCI, S
2001		G-FO-128	4604	8	3	90.2	1.5, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
2001		G-FO-129	4604	8	3	90.2	1.2, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
1996-1999		G-FO-130	4604	8	3	90.2	1.5, 1.5, 3	CR, N, 3POR	GCI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
1996-1999		G-FO-131	4604	8	3	90.2	1.5, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
1996-1999		G-FO-132	4604	8	3	90.2	1.2, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
1996-2005	CNG	G-FO-133	4604	8	3	90.2	1.5, 1.5, 3	CR, N, 3POR	GCI, GCI, S
1996-2005	CNG	G-FO-134	4604	8	3	90.2	1.5, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
1996-2005	CNG	G-FO-135	4604	8	3	90.2	1.2, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
1991-2009		G-FO-136	4604	8	3	90.2	1.5, 1.5, 3	CR, N, 3POR	GCI, GCI, S
1991-2009		G-FO-137	4604	8	3	90.2	1.5, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
1996-2004		G-FO-138	4604	8	3	90.2	1.2, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
2005-2010		G-FO-139	4604	8	3	90.2	1.5, 1.5, 3	CR, N, 3POR	GCI, GCI, S
2005-2010		G-FO-140	4604	8	3	90.2	1.5, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
1963-1969		G-FO-141	4735	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
1963-1969		G-FO-142	4735	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1963-1968		G-FO-143	4735	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1955-1962		G-FO-144	4785	8	3	95.3	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1986-1995		G-FO-145	4948	8	3	101.6	1.5, 1.5, 4	CRIB, RTFIB, 3POR	SGI, GCI, S
1984-1985		G-FO-146	4948	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1984-1985		G-FO-147	4948	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
1982		G-FO-148	4948	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
1982		G-FO-149	4948	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
1982		G-FO-150	4948	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1986-1991		G-FO-151	4948	8	3	101.6	1.5, 1.5, 4	CRIB, RTFIB, 3POR	SGI, GCI, S
1968-1985		G-FO-152	4948	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1968-1985		G-FO-153	4948	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1956-1960		G-FO-154	5112	8	3	96.5	5 / 64", 3 / 32", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1958-1959		G-FO-155	5440	8	3	101.6	5 / 64", 3 / 32", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1969-1974	Cleveland	G-FO-156	5751	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1969-1974	Cleveland	G-FO-157	5751	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
1969-1974	Cleveland	G-FO-158	5751	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1977	HO	G-FO-159	5751	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1977	HO	G-FO-160	5751	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
1985-1986	Modified	G-FO-161	5751	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1985-1986	Modified	G-FO-162	5751	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
1985-1986	Modified	G-FO-163	5751	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1975-1982	Modified	G-FO-164	5751	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1975-1982	Modified	G-FO-165	5751	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
1975-1982	Modified	G-FO-166	5751	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1969-1991	Windsor	G-FO-167	5751	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1969-1991	Windsor	G-FO-168	5751	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
1969-1991	Windsor	G-FO-169	5751	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1957-1967		G-FO-170	5768	8	3	101.6	5 / 64", 3 / 32", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1958	Super Express	G-FO-171	5915	8	3	102.9	5 / 64", 3 / 32", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
1956-1957		G-FO-172	6030	8	3	101.6	5 / 64", 3 / 32", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1961-1971		G-FO-173	6391	8	3	102.9	5 / 64", 3 / 32", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
1963-1971		G-FO-174	6391	8	3	102.9	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
1971-1979		G-FO-175	6554	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1971-1979		G-FO-176	6554	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
1971-1979		G-FO-177	6554	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1966-1967		G-FO-178	6718	8	3	102.9	5 / 64", 3 / 32", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
1966-1967		G-FO-179	6718	8	3	102.9	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
1967		G-FO-180	6997	8	3	108	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
1966-1970	Cobra Jet	G-FO-181	7013	8	3	104.6	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1968-1973	Thunder Jet	G-FO-182	7030	8	3	110.7	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
1973-1978	HO	G-FO-183	7538	8	3	110.7	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
1968-1978		G-FO-184	7538	8	3	110.7	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
330	D 400, 500, 600	G-FOR-001	5416	6	4	100	3 / 32”, 3 / 32”, 3 / 32”, 3 / 16”	CRIB, CTF, N, CHSL-B	GCI, GCI, GCI, GCI
4 D 592 E, 6 D 590 E	Thames Trader, Major, Tractor, Power Major	G-FOR-002	3610 & 5416	4, 6	5	100	3 / 32”, 3 / 32”, 3 / 32”, 3 / 16”, 3 / 16”	CRIB, CTF, N, CHSL-B, SOR	GCI, GCI, GCI, GCI, GCI
365, 2713 E	Cargo D 0710, 0711, 0810, 0811, 0910, 0911, 1010, 6500	G-FOR-003	5952	6	4	104.78	3 / 32”, 3 / 32”, 3 / 32”, 3 / 16”	CRIB, CIB, N, CHSL-B	GCI, GCI, GCI, GCI
110, 363 Dover II	Cargo 0711, 0811, 0911	G-FOR-004	5947	6	3	104.78	3 / 32”, 3 / 32”, 3 / 16”	CRIB, N, CHSL-B	GCI, GCI, GCI
360 DT, 2704 ET, 360 TC Tornado, 2726 T, 150	Cargo D 0915, 1114, 1115, 1314, 1315, 1515, 1315 K, 1515 K, D 1614, D 2014, DA 2014, DT 2014, D 2214, DA 2214, D 2115, DT 2414, Cargo D 0915, 1114, 1115, 1314, 1315 K, 1515 K, 2115	G-FOR-005	5944	6	4	104.78	1 / 8”, 3 / 32”, 3 / 32”, 3 / 16”	CRFK, CIB, N, CHSL-B	SGI, GCI, GCI, GCI
6 Y, 7 A, 2504 E, 2508 E, 6 Y, 7 A, 2502 END, 6 Y, 7 A, 2504 E	Traktor Super, Dexta 333, 353, 3000, 3600, Super Major, 5000, 5550, 5600Traktor Super Major 5000, 5550, 5600, Dexta 2000, 2310, 2600, 2810, Traktor Super Dexta 333, 353, 3000, 3600	G-FOR-006	2868 & 3818 & 2589 & 2870	3, 4, 3, 3	4	106.68	3 / 32”, 3 / 32”, 3 / 32”, 3 / 16”	CRIB, CIB, N, CHSL-B	GCI, GCI, GCI, GCI
2712 E, 2722, 255 Four, 2714E, 2715E, 2725, 380 SIC / CID	D-0610, 0607, 0707, D-Baureihe 300, 400, 500, 550, 600, 700, 750, 800, DT 800, Gabelstapler OK Cargo D 0607, 0812, 0813, 0911, 0913, 1011, 1013, 1111, 1211, 7095, 6500 S, 642 Combine	G-FOR-007	4161 & 6224	4, 6	4	107.21	3 / 32”, 3 / 32”, 3 / 32”, 3 / 16”	CR, CIB, N, CHSL-B	GCI, GCI, GCI, GCI
254 CID, Dover 90, 380 CIDD over 130	Cargo 0606, 0709, 0809, Cargo D 0713, 0813, 0913, 1013, 1613, 1713, 1913	G-FOR-008	4160 & 6221	4, 6	3	107.21	3 / 32”, 3 / 32”, 3 / 16”	CR, CIB, CHSL-B	GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
6 Y, 7 A, 4.256	Traktor Major 5000Combine 620, 622, Traktor 650, 3230, 3430, 3610, 3910, 4100, 5000, 5500, 5550, 5610, 6000, 6500, 6600, 6700, Traktor 4000, Traktor 8000	G-FOR-009	4185 & 4195 & 3294 & 6388	4, 4, 3, 6	4	111.76	3 / 32”, 3 / 32”, 3 / 32”, 3 / 16”	CR, CIB, N, CHSL-B	GCI, GCI, GCI, GCI
2506 E, 2512 E, BSD 333 H, PD, 6 Y, 7 A, 32017A, 6 Y, 6 Y, 7 A, BSD 444BSD 444 T, 7 A	Traktor Major 4000, 4600, Traktor 515, 531, 532, 535, 540, 545, 550, 555, 4000, 4110, 4600, 4610, Traktor Major 8000, 8200, 8210, 8260, 8400, 8600, 8700, TW 10, Loader A 64, Excavator H 48, A 62 Loader, Traktor 750, 7000, 7500, 7600, 7700, Traktor 6610, 6610 (CH), 6710, 7610, 7710, Traktor 9200, 9260, 9600, 9700, TW-20, 25, 30, 35	G-FOR-010	3294 & 6588 & 4195 & 4392 & 6575	3, 6, 4, 4, 6	4	111.76	1 / 8”, 3 / 32”, 3 / 32”, 3 / 16”	CRFK, CIB, N, CHSL-B	SGI, GCI, GCI, GCI
		G-FOR-011			3	111.76	1 / 8”, 3 / 32, 3 / 16”	CRFK, CIB, CHSL-B	SGI, GCI, GCI
1971-1979		G-FO-177	6554	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1966-1967		G-FO-178	6718	8	3	102.9	5 / 64", 3 / 32", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
1966-1967		G-FO-179	6718	8	3	102.9	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
1967		G-FO-180	6997	8	3	108	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
1966-1970	Cobra Jet	G-FO-181	7013	8	3	104.6	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1968-1973	Thunder Jet	G-FO-182	7030	8	3	110.7	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S

FORDSON / FREIGHTLINER

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
1973-1978	HO	G-FO-183	7538	8	3	110.7	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
1968-1978		G-FO-184	7538	8	3	110.7	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
FREIGHTLINER									
OM612' (2002-2003), 'OM647LA' (2004-2008)	Mercedes-Benz DIESEL	G-FL-01	165 CID (2.7L)	5	3	88.0 mm	2.5 X 2 X 3	CR, RTFIB, CHSLB	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
EN	Vivio, Samba, EN07X, EN07Z, EN07E, EN07Y	G-FU-001	660	4	3	56	1.2, 1.2, 2.5	CR, C, TPOR	S, GCI, S
EN		G-FU-002	660	4	3	56	1.2, 1.2, 2.5	CR, C, TPOR	S, GCI, S
EK21A	Subaru-Rex	G-FU-003	360	2	3	66	1.5, 1.5, 2.8	CR, C, TPOR	SGI, GCI, S
EK22	Subaru-Sumber-5, Subaru-R-5	G-FU-004	490	2	3	74	1.5, 1.5, 2.8	CR, C, TPOR	SGI, GCI, S
EK23 New	Subaru-Sumber, Subaru –Rex	G-FU-005	544	2	3	76	1.5, 1.5, 2.8	CR, C, TPOR	SGI, GCI, S
EF10	Subaru-Sumber, Subaru-Rex	G-FU-006	544	2	3	76	1.2, 1.5, 2.8	CR, C, TPOR	S, GCI, S
EF10	Subaru-Domingo	G-FU-007	997	3	3	78	1.2, 1.5, 2.8	CR, C, TPOR	S, GCI, S
E42	Subaru-Rex	G-FU-008	700	2	3	78	1.2, 1.5, 2.8	CR, C, TPOR	S, GCI, S
EF10		G-FU-009	1000	3	3	78	1.2, 1.5, 2.8	CR, C, TPOR	S, GCI, S
EF12		G-FU-010		3	3	78	1.2, 1.5, 2.8	CR, C, TPOR	S, GCI, S
EK34, EK64		G-FU-011	1200	4	3	79	2, 2, 4	CR, C, TPOR	GCI, GCI, S
EA62	Subaru-FF-1300	G-FU-012	1200	4	3	82	2, 2, 4	CR, C, TPOR	GCI, GCI, S
EA65	Subaru-1300, A-65, AM1	G-FU-013	1298	4	3	83	2, 2, 4	CR, C, TPOR	GCI, GCI, S
EA65 New	Subaru-1300, A-65, AM1	G-FU-014	1298	4	3	83	1.2, 1.5, 4	CR, C, TPOR	S, GCI, S
EA63	Subaru-1400, A-22, B-A22, A323	G-FU-015	1361	4	3	85	2, 2, 4	CR, C, TPOR	GCI, GCI, S
EA7A New 3, EA81	Subaru-Leone1600 Sedan, Subaru-Leone 1600 Van, Sedan-Leone, 1800 Sedan	G-FU-016	1595 & 1781	4	3	92	1.2, 1.5, 4	CR, C, TPOR	S, GCI, S
EA71	Subaru-1600, Subaru-1800, B-A26, B-27, H-A67, A33-A34, AB2, AF2, AM2, 3, A67	G-FU-017	1595	4	3	92	2, 2, 4	CR, C, TPOR	GCI, GCI, S
EA71	AC, AG, AN	G-FU-018	1595	4	3	92	1.2, 1.5, 4	CR, C, TPOR	S, GCI, S
EJ20		G-FU-019		4	3	92	1.2, 1.5, 3	CR, C, TPOR	S, GCI, S

FUJI / GA3-WOLGA

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
EJ22	Legacy	G-FU-020	2200	4	3	96.9	1.2, 1.5, 3	CR, C, TPOR	S, GCI, S
EJ22	Legacy	G-FU-021	2200	4	3	96.9	1.5, 1.5, 3	CR, C, TPOR	S, GCI, S
EJ25	Legacy E-B99	G-FU-022	2500	4	3	99.5	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S
GA3-WOLGA									
	Wolga M 24 / 24-02, Ga M 24, Ga 69 AM / M, Tundra 469, USA 469 A, M 21, M 21 K, M 22 T, M 22 G, Wolga, Wolga-Universal	G-GA-WO-001	2445	4	3	92	2, 2, 5	CRIB, CTF, TPOR	SGI / S, GCI, S

GENERAL MOTORS CORP.

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
(1985-1990), 'LP2' (1989-2000)	Suzuki	G-GMC-01	61 CID (1.0L)	3	3	74.0 mm	1.2 X 1.5 X 2.80	CR, IBTF, 3POR	S, GCI, S
(1985-1990), 'LP2' (1989-2000)	Suzuki	G-GMC-02	61 CID (1.0L)	3	3	74.0 mm	1.2 X 1.2 X 2.80	CR, CR, 3POR	S, S, S
L72' (1992-1997)	Suzuki	G-GMC-03	79 CID (1.3L)	4	3	74.0 mm	1.2 X 1.5 X 2.80	CR, IBTF, 3POR	S, GCI, S
I' (1976-1977)	Chevrolet	G-GMC-04	85 CID (1.4L)	4	3	82 mm	2 X 2 X 4	IBTF, IBTF, 3POR	GCI, GCI, S
0' (1979-1980), '9' (1980-1981), 'C' (1982-1987), 'E' (1976-1979), 'J' (1978)	Chevrolet	G-GMC-05	98 CID (1.6L)	4	3	82 mm	1.5 X 1.5 X 4	CR, IBTF, 3POR	S, GCI, S
0' (1979-1980), '9' (1980-1981), 'C' (1982-1987), 'E' (1976-1979), 'J' (1978)	Chevrolet	G-GMC-06	98 CID (1.6L)	4	3	82 mm	1.5 X 1.5 X 4	IBTF, IBTF, 3POR	GCI, GCI, S
L01' (1989-1997), 'LW0' (1988, 1990-1992)	Toyota	G-GMC-07	98 CID (1.6L)	4	3	81 mm	1.2 X 1.5 X 3	CR, IBTF, 3POR	S, GCI, S
L01' (1989-1997), 'LW0' (1988, 1990-1992)	Toyota	G-GMC-08	98 CID (1.6L)	4	3	81 mm	1.2 X 1.5 X 2.80	CR, IBTF, 3POR	S, GCI, S
L01' (1989-1997), 'LW0' (1988, 1990-1992)	Toyota	G-GMC-09	98 CID (1.6L)	4	3	81 mm	1.5 X 1.5 X 3	CR, IBTF, 3POR	S, GCI, S
L01' (1989-1997), 'LW0' (1988, 1990-1992)	Toyota	G-GMC-10	98 CID (1.6L)	4	3	81 mm	1.5 X 1.5 X 2.80	IBTF, IBTF, 3POR	GCI, GCI, S
(1985-1988)	Toyota	G-GMC-11	98 CID (1.6L)	4	3	81 mm	1.5 X 1.5 X 2.80	IBTF, IBTF, 3POR	GCI, GCI, S
LW0' (1990-1991)	Isuzu	G-GMC-12	98 CID (1.6L)	4	3	80 mm	1.2 X 1.2 X 3.0	CR, IBTF, 3POR	S, GCI, S
L73' (1988-1993)	Daewoo	G-GMC-13	98 CID (1.6L)	4	3	79 mm	1.2 X 1.5 X 3.0	CR, IBTF, 3POR	S, GCI, S
L01' (1990-1993)	Isuzu	G-GMC-14	98 CID (1.6L)	4	3	80 mm	1.2 X 1.2 X 3.0	CR, IBTF, 3POR	S, GCI, S

GENERAL MOTORS CORP.

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
LV6' (1993-1997)	Toyota	G-GMC-15	108 CID (1.8L)	4	3	81 mm	1.2 X 1.5 X 3.0	CR, IBTF, 3POR	S, GCI, S
LV6' (1992-1993)	Isuzu	G-GMC-16	110 CID (1.8L)	4	3	80 mm	1.2 X 1.2 X 3.0	CR, IBTF, 3POR	S, GCI, S
0' (1982-1986)	Opel	G-GMC-17	112 CID (1.8L)	4	3	84.80 mm	1.5 X 1.75 X 4.0	CR, RTFIB, 3POR	S, GCI, S
J' (1984-1986)	Opel	G-GMC-18	112 CID (1.8L)	4	3	84.80 mm	1.5 X 1.75 X 4.0	CR, RTFIB, 3POR	S, GCI, S
1' (1987-1989), 'P' (1985-1986)	Chevrolet	G-GMC-19	121 CID (2.0L)	4	3	89 mm	1.5 X 1.5 X 3.0	CR, RTFIB, 3POR	GCI, GCI, S
1' (1987-1989), 'P' (1985-1986)	Chevrolet	G-GMC-20	121 CID (2.0L)	4	3	89 mm	1.5 X 1.5 X 3.0	CR, IBTF, 3POR	S, GCI, S
1' (1987-1989), 'P' (1985-1986)	Chevrolet	G-GMC-21	121 CID (2.0L)	4	3	89 mm	1.5 X 1.5 X 4.76	CR, IBTF, 3POR	SGI, GCI, S
1' (1987-1989), 'P' (1985-1986)	Chevrolet	G-GMC-22	121 CID (2.0L)	4	3	89 mm	1.5 X 1.5 X 4.76	IBTF, RTFIB, 3POR	GCI, GCI, S
O' (1975-1976)	Cosworth	G-GMC-23	122 CID (2.0L)	4	3	88.90 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
P [LSJ]' (2005-2007)	Ecotec	G-GMC-24	122 CID (2.0L)	4	3	86 mm	1.2 X 1.5 X 2.5	CR, N, 3POR	S, GCI, S
X [LNF]' (2007-2010)	Ecotec	G-GMC-25	122 CID (2.0L)	4	3	86 mm	1.2 X 1.5 X 2	CR, N, 3POR	S, S, S
1' (1987-1989), 'H [LE4]' (1992-1994), 'K [LT2]' (1987-1991)	Pontiac	G-GMC-26	122 CID (2.0L)	4	3	86 mm	1.5 X 1.5 X 3.0	IBTF, RTFIB, 3POR	GCI, GCI, S
M' (1987-1990)	Pontiac	G-GMC-27	122 CID (2.0L)	4	3	86 mm	1.5 X 1.5 X 3.0	CR, RTFIB, 3POR	SGI, GCI, S
4 [LN2]' (1992-2002), 'G [LM3]' (1990-1991)	Pontiac	G-GMC-28	134 CID (2.2L)	4	3	89 mm	1.5 X 1.5 X 3.0	CR, RTFIB, 3POR	GCI, GCI, S

GENERAL MOTORS CORP.

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
4 [LN2]' (1992-2002), 'G [LM3]' (1990-1991)	Pontiac	G-GMC-29	134 CID (2.2L)	4	3	89 mm	1.5 X 1.5 X 3.0	CR, IBTF, 3POR	S, GCI, S
6 [L42]' (2003-2004), 'F [L61]' (2002-2008)	Ecotec	G-GMC-30	134 CID (2.2L)	4	3	86 mm	1.2 X 1.5 X 2.5	CR, N, 3POR	S, GCI, S
H [LAP]' (2009-2010)	Ecotec	G-GMC-31	134 CID (2.2L)	4	3	86 mm	1.2 X 1.5 X 2.5	CR, N, 3POR	S, GCI, S
A' (1989-1994), 'D' (1987-1995)	Quad 4	G-GMC-32	138 CID (2.3L)	4	3	92 mm	1.5 X 1.5 X 3.0	IBTF, RTFIB, 3POR	GCI, GCI, S
'3' (1992-1994)	Quad 4	G-GMC-33	138 CID (2.3L)	4	3	92 mm	1.5 X 1.5 X 3.0	IBTF, RTFIB, 3POR	GCI, GCI, S
A' (1971-1976), 'B' (1971-1977)	Chevrolet	G-GMC-34	140 CID (2.3L)	4	3	88.90 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
0 [LE9]' (2010), '5' (2008-2009), 'B' (2006-2010)	Ecotec	G-GMC-35	145 CID (2.4L)	4	3	88 mm	1.2 X 1.5 X 2	CR, CRTF, 3POR	GCI, GCI, S
0 [LE9]' (2010), '5' (2008-2009), 'B' (2006-2010)	Ecotec	G-GMC-36	145 CID (2.4L)	4	3	88 mm	1.2 X 1.5 X 2	CR, CRTF, 3POR	GCI, GCI, S
-' (1961-1963)	Chevrolet	G-GMC-37	145 CID (2.4L)	6	3	87.3 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
-' (1962-1963)	Chevrolet	G-GMC-38	145 CID (2.4L)	6	3	87.3 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
T' (1996-2002)	Oldsmobile	G-GMC-39	146 CID (2.4L)	4	3	90 mm	1.2 X 1.5 X 3	CR, IBTF, 3POR	S, GCI, S
“2’ (1982-1986), ‘5’ (1980-1983), ‘9’ (1979, 1982-1983), ‘F’ (1982-1983), 'R' (1982-1992), 'U' (1985-1991), 'V' (1977-1980)"	Pontiac	G-GMC-40	151 CID (2.5L)	4	3	101.6 mm	1 / 16" X 5 / 64" X 3 / 16"	CRIB, RTFIB, 3POR	SGI, GCI, S
“2’ (1982-1986), ‘5’ (1980-1983), ‘9’ (1979, 1982-1983), ‘F’ (1982-1983), 'R' (1982-1992), 'U' (1985-1991), 'V' (1977-1980)"	Pontiac	G-GMC-41	151 CID (2.5L)	4	3	101.6 mm	1 / 16" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S

GENERAL MOTORS CORP.

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
“2’ (1982-1986), ‘5’ (1980-1983), ‘9’ (1979, 1982-1983), ‘F’ (1982-1983), 'R' (1982-1992), 'U' (1985-1991), 'V' (1977-1980)"	Pontiac	G-GMC-42	151 CID (2.5L)	4	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
“2’ (1982-1986), ‘5’ (1980-1983), ‘9’ (1979, 1982-1983), ‘F’ (1982-1983), 'R' (1982-1992), 'U' (1985-1991), 'V' (1977-1980)"	Pontiac	G-GMC-43	151 CID (2.5L)	4	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
“2’ (1982-1986), ‘5’ (1980-1983), ‘9’ (1979, 1982-1983), ‘F’ (1982-1983), 'R' (1982-1992), 'U' (1985-1991), 'V' (1977-1980)"	Pontiac	G-GMC-44	151 CID (2.5L)	4	3	101.6 mm	1 / 16" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
CA' (1962-1970)	Chevrolet	G-GMC-45	153 CID (2.5L)	4	3	98.4 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
“1’ (1982-1984), ‘9’ (1985-1988), ‘L’ (1983-1984), ‘S’ (1985-1989), ‘W’ (1985-1989), 'X' (1981-1986), 'Z' (1981-1984)"	Chevrolet	G-GMC-46	173 CID (2.8L)	6	3	89.0 mm	1.5 X 1.5 X 4.0	IBTF, RTFIB, 3POR	GCI, GCI, S
“1’ (1982-1984), ‘9’ (1985-1988), ‘L’ (1983-1984), ‘S’ (1985-1989), ‘W’ (1985-1989), 'X' (1981-1986), 'Z' (1981-1984)"	Chevrolet	G-GMC-47	173 CID (2.8L)	6	3	89.0 mm	1.5 X 2 X 4.75	IBTF, RTFIB, 3POR	GCI, GCI, S
“1’ (1982-1984), ‘9’ (1985-1988), ‘L’ (1983-1984), ‘S’ (1985-1989), ‘W’ (1985-1989), 'X' (1981-1986), 'Z' (1981-1984)"	Chevrolet	G-GMC-48	173 CID (2.8L)	6	3	89.0 mm	1.5 X 1.5 X 4	CR, IBTF, 3POR	S, GCI, S
“1’ (1982-1984), ‘9’ (1985-1988), ‘L’ (1983-1984), ‘S’ (1985-1989), ‘W’ (1985-1989), 'X' (1981-1986), 'Z' (1981-1984)"	Chevrolet	G-GMC-49	173 CID (2.8L)	6	3	89.0 mm	1.5 X 2 X 4.75	IBTF, RTFIB, 3POR	GCI, GCI, S
E' (1982-1985), 'L' (1985-1988)	Buick	G-GMC-50	181 CID (3.0L)	6	3	96.5 mm	5 / 64" X 5 / 64" X 3 / 16"	CRIB, RTFIB, 3POR	SGI, GCI, S
R [L81]' (1997-2001)	Opel	G-GMC-51	181 CID (3.0L)	6	3	86.0 mm	1.2 X 1.5 X 3.0	CR, RTFIB, 3POR	S, GCI, S
J' (1999-2005), 'M' (1993-1999), 'T' (1988-1994), 'W' (1993)	Chevrolet	G-GMC-52	189 CID (3.1L)	6	3	89.0 mm	1.2 X 1.5 X 3.0	CR, RTFIB, 3POR	S, GCI, S

GENERAL MOTORS CORP.

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
J' (1999-2005), 'M' (1993-1999), 'T' (1988-1994), 'W' (1993)	Chevrolet	G-GMC-53	189 CID (3.1L)	6	3	89.0 mm	1.2 X 1.5 X 3.0	CR, RTFIB, 3POR	S, GCI, S
J' (1999-2005), 'M' (1993-1999), 'T' (1988-1994), 'W' (1993)	Chevrolet	G-GMC-54	189 CID (3.1L)	6	3	89.0 mm	1.5 X 1.5 X 4.0	CR, IBTF, 3POR	S, GCI, S
J' (1999-2005), 'M' (1993-1999), 'T' (1988-1994), 'W' (1993)	Chevrolet	G-GMC-55	189 CID (3.1L)	6	3	89.0 mm	1.5 X 1.5 X 4.0	IBTF, RTFIB, 3POR	GCI, GCI, S
-' (1962-1967)	Chevrolet	G-GMC-56	194 CID (3.2L)	6	3	90.5 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
'C' (1978-1979)	Buick	G-GMC-57	196 CID (3.2L)	6	3	88.9 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
'C' (1978-1979)	Buick	G-GMC-58	196 CID (3.2L)	6	3	88.9 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
'M' (1978-1979)	Chevrolet	G-GMC-59	200 CID (3.3L)	6	3	88.9 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
'M' (1978-1979)	Chevrolet	G-GMC-60	200 CID (3.3L)	6	3	88.9 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
'N' (1989-1993)	Buick	G-GMC-61	204 CID (3.3L)	6	3	94.0 mm	1.5 X 1.5 X 3.0	IBTF, RTFIB, 3POR	GCI, GCI, S
'N' (1989-1993)	Buick	G-GMC-62	204 CID (3.3L)	6		94.0 mm	1.5 X 1.5 X 3.0	IBTF, RTFIB, 3POR	GCI, GCI, S
'X' (1991-1997)	Chevrolet	G-GMC-63	207 CID (3.4L)	6	3	92.0 mm	1.5 X 1.5 X 4.0	IBTF, RTFIB, 3POR	GCI, GCI, S
'X' (1991-1997)	Chevrolet	G-GMC-64	207 CID (3.4L)	6	3	92.0 mm	1.2 X 1.5 X 3.0	CR, RTFIB, 3POR	S, GCI, S
'E' (1999-2005), 'S' (1993-1995)	Chevrolet	G-GMC-65	207 CID (3.4L)	6	3	92.0 mm	1.2 X 1.5 X 4.0	CR, RTFIB, 3POR	S, GCI, S
'E' (1999-2005), 'S' (1993-1995)	Chevrolet	G-GMC-66	207 CID (3.4L)	6	3	92.0 mm	1.2 X 1.5 X 3.0	CR, RTFIB, 3POR	S, GCI, S

GENERAL MOTORS CORP.

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
'E' (1999-2005), 'S' (1993-1995)	Chevrolet	G-GMC-67	207 CID (3.4L)	6	3	92.0 mm	1.5 X 1.5 X 4.0	IBTF, RTFIB, 3POR	GCI, GCI, S
'8 [LX9]' (2004-2006)	Chevrolet	G-GMC-68	213 CID (3.5L)	6	3	94.0 mm	1.2 X 1.5 X 2.5	CR, RTFIB, 3POR	GCI, GCI, S
'H' (1999-2002)	Oldsmobile	G-GMC-69	214 CID (3.5L)	6	3	89.5 mm	1.2 X 1.5 X 2.5	CR, RTFIB, 3POR	S, GCI, S
'-' (1964-1965)	Pontiac	G-GMC-70	215 CID (3.5L)	6	3	95.3 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
'-' (1964-1965)	Pontiac	G-GMC-71	215 CID (3.5L)	6	3	95.3 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
'-' (1961-1963)	Buick	G-GMC-72	215 CID (3.5L)	6	3	88.9 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
'7' (2004-2010), 'V [LLT]' (2008-2010)	Buick	G-GMC-73	217 CID (3.6L)	6	3	94.0 mm	1.2 X 1.5 X 2.5	CR, N, 3POR	S, GCI, S
'7' (2004-2010), 'V [LLT]' (2008-2010)	Buick	G-GMC-74	217 CID (3.6L)	6	3	94.0 mm	1.2 X 1.5 X 2.5	RF-12NG, N, 3POR	S, GCI, S
'-' (1964-1967)	Buick	G-GMC-75	225 CID (3.7L)	6	3	95.3 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
'-' (1964-1967)	Buick	G-GMC-76	225 CID (3.7L)	6	3	95.3 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
'9' (1983-1984), 'K' (1980-1982)	Chevrolet	G-GMC-77	229 CID (3.8L)	6	3	95.0 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
'-' (1963-1970)	Chevrolet	G-GMC-78	230 CID (3.8L)	6	3	98.4 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'-' (1963-1970)	Chevrolet	G-GMC-79	230 CID (3.8L)	6	3	98.4 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
"2' (1978-1979, 2004-2009), '3' (1984-1988), 'A' (1977-1987), 'C' (1975-1977, 1988-1991), 'K' (1995-2005), 'L' (1990-1995)"	Buick	G-GMC-80	231 CID (3.8L)	6	3	96.5 mm	1.2 X 1.5 X 3	CR, RTFIB, 3POR	S, GCI, S

GENERAL MOTORS CORP.

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
“2’ (1978-1979, 2004-2009), ‘3’ (1984-1988), ‘A’ (1977-1987), 'C' (1975-1977, 1988-1991), 'K' (1995-2005), 'L' (1990-1995)"	Buick	G-GMC-81	231 CID (3.8L)	6	3	96.5 mm	1.5 X 1.5 X 3	IBTF, RTFIB, 3POR	GCI, GCI, S
2' (1978-1979, 2004-2009), '3' (1984-1988), 'A' (1977-1987) 'C' (1975-1977, 1988-1991), 'K' (1995-2005), 'L' (1990-1995)	Buick	G-GMC-82	231 CID (3.8L)	6	3	96.5 mm	1.2 X 1.5 X 3	CR, RTFIB, 3POR	S, GCI, S
2' (1978-1979, 2004-2009), '3' (1984-1988), 'A' (1977-1987) 'C' (1975-1977, 1988-1991), 'K' (1995-2005), 'L' (1990-1995)	Buick	G-GMC-83	231 CID (3.8L)	6	3	96.5 mm	5 / 64" X 5 / 64" X 3 / 16"	CRIB, RTFIB, 3POR	SGI, GCI, S
2' (1978-1979, 2004-2009), '3' (1984-1988), 'A' (1977-1987) 'C' (1975-1977, 1988-1991), 'K' (1995-2005), 'L' (1990-1995)	Buick	G-GMC-84	231 CID (3.8L)	6	3	96.5 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
2' (1978-1979, 2004-2009), '3' (1984-1988), 'A' (1977-1987) 'C' (1975-1977, 1988-1991), 'K' (1995-2005), 'L' (1990-1995)	Buick	G-GMC-85	231 CID (3.8L)	6	3	96.5 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
'1' (1991-2005), '4' (2004-2007)	Buick	G-GMC-86	231 CID (3.8L)	6	3	96.5 mm	1.2 X 1.5 X 3	CR, RTFIB, 3POR	S, GCI, S
'1' (1991-2005), '4' (2004-2007)	Buick	G-GMC-87	231 CID (3.8L)	6	3	96.5 mm	1.2 X 1.5 X 3	CR, RTFIB, 3POR	S, GCI, S
'1' (1991-2005), '4' (2004-2007)	Buick	G-GMC-88	231 CID (3.8L)	6	3	96.5 mm	1.5 X 1.5 X 3	IBTF, RTFIB, 3POR	GCI, GCI, S
'3' (1978-1982), '7' (1986-1987, 1989), '8' (1983), '9' (1984-1985), 'G' (1978)	Buick	G-GMC-89	231 CID (3.8L)	6	3	96.5 mm	5 / 64" X 5 / 64" X 3 / 16"	CRIB, RTFIB, 3POR	SGI, GCI, S
'3' (1978-1982), '7' (1986-1987, 1989), '8' (1983), '9' (1984-1985), 'G' (1978)	Buick	G-GMC-90	231 CID (3.8L)	6	3	96.5 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'3' (1978-1982), '7' (1986-1987, 1989), '8' (1983), '9' (1984-1985), 'G' (1978)	Buick	G-GMC-91	231 CID (3.8L)	6	3	96.5 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
'-' (1953-1954)	Pontiac	G-GMC-92	239 CID (3.9L)	6	3	90.5 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S

GENERAL MOTORS CORP.

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
'C' (1995-1999, 2001-2003)	Oldsmobile	G-GMC-93	244 CID (4.0L)	8	3	87.0 mm	1.2 X 1.5 X 3	CR, IBTF, 3POR	S, GCI, S
'-' (1966-1971), 'D' (1972-1979)	Chevrolet	G-GMC-94	250 CID (4.1L)	6	3	98.4 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'-' (1966-1971), 'D' (1972-1979)	Chevrolet	G-GMC-95	250 CID (4.1L)	6	3	98.4 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
'7' (1987-1988), '8' (1982-1987)	Cadillac	G-GMC-96	250 CID (4.1L)	8	3	88.0 mm	2 X 2 X 4	IBTF, IBTF, 3POR	GCI, GCI, S
'4' (1980-1984)	Buick	G-GMC-97	252 CID (4.1L)	6	3	100.8 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'P' (1979)	Oldsmobile DIESEL	G-GMC-98	260 CID (4.3L)	8	3	88.9 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
'8' (1982), 'F' (1975-1981)	Oldsmobile	G-GMC-99	260 CID (4.3L)	8	3	88.9 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
'Z' (1985-1990, 1992-1993)	Chevrolet	G-GMC-100	262 CID (4.3L)	6	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'Z' (1985-1990, 1992-1993)	Chevrolet	G-GMC-101	262 CID (4.3L)	6	3	101.6 mm	2 X 1.5 X 4	CR, IBTF, 3POR	GCI, GCI, S
'Z' (1985-1990, 1992-1993)	Chevrolet	G-GMC-102	262 CID (4.3L)	6	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'Z' (1985-1990, 1992-1993)	Chevrolet	G-GMC-103	262 CID (4.3L)	6	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'Z' (1985-1990, 1992-1993)	Chevrolet	G-GMC-104	262 CID (4.3L)	6	3	101.6 mm	2 X 1.5 X 4	CR, IBTF, 3POR	GCI, GCI, S
'Z' (1985-1990, 1992-1993)	Chevrolet	G-GMC-105	262 CID (4.3L)	6	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'W' (1994-1996)	Chevrolet	G-GMC-106	265 CID (4.3L)	8	3	95.0 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S

GENERAL MOTORS CORP.

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
'W' (1994-1996)	Chevrolet	G-GMC-107	265 CID (4.3L)	8	3	95.0 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
'-' (1955-1957)	Chevrolet	G-GMC-108	265 CID (4.3L)	8	3	95.3 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
'J' (1979-1982)	Chevrolet	G-GMC-109	267 CID (4.4L)	8	3	88.9 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
'3' (1990), '5' (1988-1989), '8' (1989-1992)	Cadillac	G-GMC-110	273 CID (4.5L)	8	3	92.0 mm	1.5 X 1.5 X 3	IBTF, RTFIB, 3POR	GCI, GCI, S
'9' (1993-2010), 'A' (2004-2010), 'Y' (1993-2010)	Northstar	G-GMC-111	281 CID (4.6L)	8	3	93.0 mm	1.2 X 1.5 X 2.5	CR, RTFIB, 3POR	S, GCI, S
'9' (1993-2010), 'A' (2004-2010), 'Y' (1993-2010)	Northstar	G-GMC-112	281 CID (4.6L)	8	3	93.0 mm	1.2 X 1.5 X 3	CR, RTFIB, 3POR	S, GCI, S
'9' (1993-2010), 'A' (2004-2010), 'Y' (1993-2010)	Northstar	G-GMC-113	281 CID (4.6L)	8	3	93.0 mm	1.5 X 1.5 X 3	CR, RTFIB, 3POR	SGI, GCI, S
'-' (1957-1967)	Chevrolet	G-GMC-114	283 CID (4.6L)	8	3	98.4 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'-' (1964-1967)	Buick	G-GMC-115	300 CID (4.9L)	8	3	95.3 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
'B' (1991-1995)	Cadillac	G-GMC-116	300 CID (4.9L)	8	3	92.0 mm	1.5 X 1.5 X 3	IBTF, RTFIB, 3POR	GCI, GCI, S
'W' (1978-1979), 'Y' (1977-1979)	Pontiac	G-GMC-117	301 CID (4.9L)	8	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
'W' (1978-1979), 'Y' (1977-1979)	Pontiac	G-GMC-118	301 CID (4.9L)	8	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'W' (1978-1979), 'Y' (1977-1979)	Pontiac	G-GMC-119	301 CID (4.9L)	8	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
'-' (1967-1969)	Chevrolet	G-GMC-120	302 CID (5.0L)	8	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
'-' (1967-1969)	Chevrolet	G-GMC-121	302 CID (5.0L)	8	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'-' (1967-1969)	Chevrolet	G-GMC-122	302 CID (5.0L)	8	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
'-' (1950-1953)	Oldsmobile	G-GMC-123	303 CID (5.0L)	8	3	95.3 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
“7’ (1982-1983), ‘E’ (1988-1993), ‘F’ (1985-1992), ‘G’ (1979, 1984-1988), 'H' (1978-1988), 'Q' (1976), 'S' (1983), 'U' (1977-1978)"	Chevrolet	G-GMC-124	305 CID (5.0L)	8	3	95.0 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
“7’ (1982-1983), ‘E’ (1988-1993), ‘F’ (1985-1992), ‘G’ (1979, 1984-1988), 'H' (1978-1988), 'Q' (1976), 'S' (1983), 'U' (1977-1978)"	Chevrolet	G-GMC-125	305 CID (5.0L)	8	3	95.0 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
-' (1968-1971), 'CA' (1971), 'DC' (1969), 'F' (1972-1973), 'ME' (1968), 'ND' (1970)	Chevrolet	G-GMC-126	305 CID (5.0L)	8	3	98.4 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
9' (1983-1987, 1989-1990), 'Y' (1980-1990)	Oldsmobile	G-GMC-127	305 CID (5.0L)	8	3	96.5 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
-' (1953-1956)	Buick	G-GMC-128	322 CID (5.3L)	8	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
'-' (1954-1956)	Oldsmobile	G-GMC-129	324 CID (5.3L)	8	3	98.4 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'C' (2005-2009)	Oldsmobile	G-GMC-130	325 CID (5.3L)	8	3	96.0 mm	1.5 X 1.5 X 3	CR, RTFIB, 3POR	S, GCI, S
-' (1962-1968), 'FB' (1969), 'HJ' (1968)	Chevrolet	G-GMC-131	327 CID (5.4L)	8	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
-' (1962-1968), 'FB' (1969), 'HJ' (1968)	Chevrolet	G-GMC-132	327 CID (5.4L)	8	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
'G' (1997-2004), 'S' (2001-2005)	Chevrolet	G-GMC-133	327 CID (5.4L)	8	3	99.0 mm	1.5 X 1.5 X 3	CR, N, 3POR	S, GCI, S

GENERAL MOTORS CORP.

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
'-' (1958-1961)	Chevrolet	G-GMC-134	348 CID (5.7L)	8	3	104.8 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'J' (1990-1995)	Chevrolet	G-GMC-135	350 CID (5.7L)	8	3	101.6 mm	2 X 1.5 X 4	IBTF, IBTF, 3POR	GCI, GCI, S
-' (1968-1971), 'H' (1972-1977), 'J' (1972-1977), 'K' (1972), 'X' (1978-1980)	Buick	G-GMC-136	350 CID (5.7L)	8	3	96.5 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
"-' (1969-1971), '4' (1979), '5' (1996), '6' (1980-1981, 1983-1988), '7' (1989-1993), '8' (1979-1980, 1982, 1984-1992), 'H' (1972-1975, 1978), 'J' (1972-1975), 'K' (1972-1974), 'L' (1972, 1974-1982), 'P' (1992-1997), 'T' (1974-1975), 'V' (1976), 'X' (1976-1977)"	Chevrolet	G-GMC-137	350 CID (5.7L)	8	3	101.6 mm	2 X 1.5 X 4	IBTF, IBTF, 3POR	GCI, GCI, S
"-' (1969-1971), '4' (1979), '5' (1996), '6' (1980-1981, 1983-1988), '7' (1989-1993), '8' (1979-1980, 1982, 1984-1992), 'H' (1972-1975, 1978), 'J' (1972-1975), 'K' (1972-1974), 'L' (1972, 1974-1982), 'P' (1992-1997), 'T' (1974-1975), 'V' (1976), 'X' (1976-1977)"	Chevrolet	G-GMC-138	350 CID (5.7L)	8	3	101.6 mm	1.5 X 1.5 X 3	IBTF, RTFIB, 3POR	GCI, GCI, S
"-' (1969-1971), '4' (1979), '5' (1996), '6' (1980-1981, 1983-1988), '7' (1989-1993), '8' (1979-1980, 1982, 1984-1992), 'H' (1972-1975, 1978), 'J' (1972-1975), 'K' (1972-1974), 'L' (1972, 1974-1982), 'P' (1992-1997), 'T' (1974-1975), 'V' (1976), 'X' (1976-1977)"	Chevrolet	G-GMC-139	350 CID (5.7L)	8	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
"-' (1969-1971), '4' (1979), '5' (1996), '6' (1980-1981, 1983-1988), '7' (1989-1993), '8' (1979-1980, 1982, 1984-1992), 'H' (1972-1975, 1978), 'J' (1972-1975), 'K' (1972-1974), 'L' (1972, 1974-1982), 'P' (1992-1997), 'T' (1974-1975), 'V' (1976), 'X' (1976-1977)"	Chevrolet	G-GMC-140	350 CID (5.7L)	8	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
"-' (1969-1971), '4' (1979), '5' (1996), '6' (1980-1981, 1983-1988), '7' (1989-1993), '8' (1979-1980, 1982, 1984-1992), 'H' (1972-1975, 1978), 'J' (1972-1975), 'K' (1972-1974), 'L' (1972, 1974-1982), 'P' (1992-1997), 'T' (1974-1975), 'V' (1976), 'X' (1976-1977)"	Chevrolet	G-GMC-141	350 CID (5.7L)	8	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
"-' (1969-1971), '4' (1979), '5' (1996), '6' (1980-1981, 1983-1988), '7' (1989-1993), '8' (1979-1980, 1982, 1984-1992), 'H' (1972-1975, 1978), 'J' (1972-1975), 'K' (1972-1974), 'L' (1972, 1974-1982), 'P' (1992-1997), 'T' (1974-1975), 'V' (1976), 'X' (1976-1977)"	Chevrolet	G-GMC-142	350 CID (5.7L)	8	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
"G' (1977), 'H' (1972-1973, 1975-1976), 'J' (1975-1976), 'K' (1972-1975), 'L' (1977), 'M' (1974), 'R' (1968-1971, 1976-1980)"	Oldsmobile	G-GMC-143	350 CID (5.7L)	8	3	103.0 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
"-' (1968-1971), 'A' (1974), 'B' (1974), 'E' (1975), 'L' (1976-1979), 'M' (1972-1976), 'N' (1972-1974), 'P' (1972-1974, 1977), 'V' (1976)"	Pontiac	G-GMC-144	350 CID (5.7L)	8	3	98.4 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'-' (1957-1961)	Buick	G-GMC-145	364 CID (6.0L)	8	3	104.8 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
U' (2005-2007), 'Y [L76]' (2008-2009)	Vortec	G-GMC-146	364 CID (6.0L)	8	3	101.6 mm	1.2 X 1.5 X 2.5		S, GCI, S

GENERAL MOTORS CORP.

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
U' (2005-2007), 'Y [L76]' (2008-2009)	Vortec	G-GMC-147	364 CID (6.0L)	8	3	101.6 mm	1.5 X 1.5 X 3	CR, RTFIB, 3POR	S, GCI, S
-' (1956-1958)	Cadillac	G-GMC-148	365 CID (6.0L)	8	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
'-' (1957-1960)	Oldsmobile	G-GMC-149	371 CID (6.1L)	8	3	101.6 mm	5 / 64" X 3 / 32" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
'J [L99]' (2010), 'W [LS3]' (2008-2010)	Oldsmobile	G-GMC-150	376 CID (6.2L)	8	3	103.3 mm	1.5 X 1.5 X 2.5		S, GCI, S
'P [LSA]' (2009-2010), 'R [LS9]' (2009-2010)	Oldsmobile	G-GMC-151	376 CID (6.2L)	8	3	103.3 mm	1.5 X 1.2 X 2		S, SGI, S
'-' (1959-1966)	Pontiac	G-GMC-152	389 CID (6.4L)	8	3	103.2 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
'-' (1959-1963)	Cadillac	G-GMC-153	390 CID (6.4L)	8	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
'-' (1965-1969)	Chevrolet	G-GMC-154	396 CID (6.5L)	8	3	104.0 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'-' (1967-1969)	Buick	G-GMC-155	400 CID (6.6L)	8	3	104.0 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
-' (1970-1971), 'M' (1975), 'N' (1976), 'R' (1972-1974), 'U' (1974-1976)	Chevrolet	G-GMC-156	400 CID (6.6L)	8	3	104.8 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
"-' (1967-1973), 'N' (1976), 'P' (1972-1974), 'R' (1972-1975), 'S' (1972-1976), 'T' (1972-1974), 'X' (1967), 'Y' (1967), 'Z' (1976-1979)"	Pontiac	G-GMC-157	400 CID (6.6L)	8	3	104.6 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
-' (1959-1966)	Buick	G-GMC-158	401 CID (6.6L)	8	3	104.0 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
'-' (1969-1971), 'S' (1972), 'U' (1972)	Chevrolet	G-GMC-159	402 CID (6.6L)	8	3	104.8 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'K' (1977-1979)	Oldsmobile	G-GMC-160	403 CID (6.6L)	8	3	110.5 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S

GENERAL MOTORS CORP.

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
'-' (1961-1965)	Chevrolet	G-GMC-161	409 CID (6.7L)	8	3	109.5 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
'-' (1963-1966)	Pontiac	G-GMC-162	421 CID (6.9L)	8	3	104.0 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'-' (1963-1966)	Buick	G-GMC-163	425 CID (7.0L)	8	3	109.5 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
'S' (1977-1979), 'T' (1977-1979)	Cadillac	G-GMC-164	425 CID (7.0L)	8	3	103.7 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'-' (1965-1967)	Oldsmobile	G-GMC-165	425 CID (7.0L)	8	3	104.8 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'-' (1966-1969)	Chevrolet	G-GMC-166	427 CID (7.0L)	8	3	108.0 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'E [LS7]' (2006-2010)	Chevrolet	G-GMC-167	427 CID (7.0L)	8	3	104.8 mm	1.2 X 1.2 X 2		S, SGI, S
'-' (1967-1969)	Pontiac	G-GMC-168	428 CID (7.0L)	8	3	104.6 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'-' (1964-1967)	Cadillac	G-GMC-169	429 CID (7.0L)	8	3	104.9 mm	1 / 16" X 1 / 16" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
'-' (1967-1969)	Buick	G-GMC-170	430 CID (7.0L)	8	3	106.4 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
"-' (1970-1971), 'S' (1976), 'V' (1972), 'W' (1972), 'X' (1973), 'Y' (1973-1975), 'Z' (1973-1974)"	Chevrolet	G-GMC-171	454 CID (7.4L)	8	3	108.0 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
"-' (1970-1971), 'P' (1974), 'R' (1974), 'T' (1972-1974), 'U' (1971-1974), 'V' (1973-1974), 'W' (1972, 1974)"	Buick	G-GMC-172	455 CID (7.5L)	8	3	109.5 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
"-' (1968-1971), 'R' (1974), 'S' (1976), 'T' (1972-1976), 'U' (1972-1974), 'W' (1972-1974)"	Oldsmobile	G-GMC-173	455 CID (7.5L)	8	3	104.8 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S

GENERAL MOTORS CORP.

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
“-’ (1970-1973), ‘U’ (1972), ‘V’ (1972), ‘W’ (1972-1976), ‘X’ (1972-1974), 'Y' (1972-1974)"	Pontiac	G-GMC-174	455 CID (7.5L)	8	3	105.4 mm	5 / 64" X 1 / 16" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
-' (1968-1971), 'R' (1972-1974)	Cadillac	G-GMC-175	472 CID (7.7L)	8	3	109.2 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
-' (1970-1971), 'S' (1972-1976)	Cadillac	G-GMC-176	500 CID (8.2L)	8	3	109.2 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S

GENERAL MOTORS MARINE

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
		G-GMM-01	2966	4	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
		G-GMM-02	4637	8	3	98.4	5 / 64", 5 / 64", 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
		G-GMM-03	5030	8	3	98.4	5 / 64", 5 / 64", 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
		G-GMM-04	5358	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
		G-GMM-05	5358	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
	Carbureted	G-GMM-06	5358	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
		G-GMM-07	5735	8	4	108	3 / 32", 5 / 64", 5 / 64", 3 / 16"	IBTF, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
	Mark IV 465 1990-1994	G-GMM-08	8226	8	3	113.4	2, 1.5, 4	CR, RTFIB, 3POR	GCI, GCI, S
	Mark V 500 1990-1995	G-GMM-09	8226	8	3	113.4	2, 1.5, 4	CR, RTFIB, 3POR	GCI, GCI, S
	Mark V Magnum 1990-1995	G-GMM-10	8226	8	3	113.4	2, 1.5, 4	CR, RTFIB, 3POR	GCI, GCI, S

GENERAL MOTORS TRUCK

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
'-' (1989-1995)	Suzuki	G-GMT-01	98 CID (1.6L)	4	3	75.0 mm	1.2 X 1.5 X 2.80	CR, IBTF, 3POR	S, GCI, S
'-' (1975-1982)	Isuzu	G-GMT-02	111 CID (1.8L)	4	3	84.0 mm	2.0 X 2.0 X 4.0	IBTF, IBTF, 3POR	GCI, GCI, S
'-' (1975-1982)	Isuzu	G-GMT-03	111 CID (1.8L)	4	3	84.0 mm	1.5 X 1.5 X 4.0	IBTF, IBTF, 3POR	GCI, GCI, S
'-' (1983-1985)	Isuzu	G-GMT-04	119 CID (1.9L)	4	3	87.0 mm	1.5 X 1.5 X 4.0	CR, CRIF, 3POR	S, GCI, S
'Y' (1983-1984)	Chevrolet	G-GMT-05	121 CID (2.0L)	4	3	89.0 mm	2.0 X 2.0 X 4.0		GCI, GCI, S
'Y' (1983-1984)	Chevrolet	G-GMT-06	121 CID (2.0L)	4	3	89.0 mm	2.0 X 2.0 X 4.75	IBTF, RTFIB, 3POR	GCI, GCI, S
'X [LNF]' (2008-2009)	Ecotec	G-GMT-07	122 CID (2.0L)	4	3	86.0 mm	1.2 X 1.5 X 2.00	CR, N, 3POR	S, S, S
'-' (1981-1985)	Isuzu DIESEL	G-GMT-08	134 CID (2.2L)	4	3	88.0 mm	2.0 X 2.0 X 4.0		S, GCI, GCI
'-' (1981-1985)	Isuzu DIESEL	G-GMT-09	134 CID (2.2L)	4	3	88.0 mm	2.5 X 2.0 X 4.5		GCI, GCI, GCI
'B [LE8]' (2009-2010)	Ecotec	G-GMT-10	134 CID (2.2L)	4	3	86.0 mm	1.2 X 1.5 X 2.0	CR, N, 3POR	S, GCI, S
'4 [LN2]' (1994-1995)	Ecotec	G-GMT-11	134 CID (2.2L)	4	3	89.0 mm	1.5 X 1.5 X 3.0	CR, RTFIB, 3POR	GCI, GCI, S
'4 [LN2]' (1994-1995)	Ecotec	G-GMT-12	134 CID (2.2L)	4	3	89.0 mm	1.5 X 1.5 X 3.0	CR, IBTF, 3POR	S, GCI, S
4 [LN2]' (1994-2000), '5 [L43]' (2000-2002), 'H [LN2]' (2003)	Vortec	G-GMT-13	134 CID (2.2L)	4	3	89.0 mm	1.5 X 1.5 X 3.0	CR, RTFIB, 3POR	GCI, GCI, S
4 [LN2]' (1994-2000), '5 [L43]' (2000-2002), 'H [LN2]' (2003)	Vortec	G-GMT-14	134 CID (2.2L)	4	3	89.0 mm	1.5 X 1.5 X 3.0	CR, IBTF, 3POR	S, GCI, S

GENERAL MOTORS TRUCK

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
'D [L61]' (2006-2008)	Ecotec	G-GMT-15	134 CID (2.2L)	4	3	86.0 mm	1.2 X 1.5 X 2.5	CR, N, 3POR	S, GCI, S
P' (2006-2008), 'V [LE9]' (2009-2010), 'W [LAF]' (2010)	Ecotec	G-GMT-16	145 CID (2.4L)	4	3	88.0 mm	1.2 X 1.5 X 2.0	CR, CRTF, 3POR	GCI, GCI, S
P' (2006-2008), 'V [LE9]' (2009-2010), 'W [LAF]' (2010)	Ecotec	G-GMT-17	145 CID (2.4L)	4	3	88.0 mm	1.2 X 1.5 X 2.5	CR, CRTF, 3POR	GCI, GCI, S
A' (1991-1993), 'E' (1985-1991)	Pontiac	G-GMT-18	151 CID (2.5L)	4	3	101.6 mm	1 / 16" X 5 / 64" X 3 / 16"	CRIB, RTFIB, 3POR	SGI, GCI, S
A' (1991-1993), 'E' (1985-1991)	Pontiac	G-GMT-19	151 CID (2.5L)	4	3	101.6 mm	1 / 16" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
A' (1991-1993), 'E' (1985-1991)	Pontiac	G-GMT-20	151 CID (2.5L)	4	3	101.6 mm	1 / 16" X 5 / 64" X 3 / 16"	CRIB, RTFIB, 3POR	SGI, GCI, S
'CA' (1963-1965)	Chevrolet	G-GMT-21	153 CID (2.5L)	4	3	98.4 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
'8' (2004-2006)	Chevrolet	G-GMT-22	169 CID (2.8L)	4	3	93.0 mm	1.2 X 1.5 X 2.5	CR, N, 3POR	S, GCI, S
B' (1982-1985), 'R' (1986-1993)	Chevrolet	G-GMT-23	173 CID (2.8L)	6	3	89.0 mm	1.5 X 2.0 X 4.75	IBTF, RTFIB, 3POR	GCI, GCI, S
B' (1982-1985), 'R' (1986-1993)	Chevrolet	G-GMT-24	173 CID (2.8L)	6	3	89.0 mm	1.5 X 2.0 X 4.75	IBTF, RTFIB, 3POR	GCI, GCI, S
'D' (1990-1995)	Chevrolet	G-GMT-25	189 CID (3.1L)	6	3	89.0 mm	1.5 X 1.5 X 4.0	IBTF, RTFIB, 3POR	GCI, GCI, S
'-' (1964-1966)	Chevrolet	G-GMT-26	194 CID (3.2L)	6	3	90.5 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
'M' (1978-1979)	Chevrolet	G-GMT-27	200 CID (3.3L)	6	3	88.9 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
'M' (1978-1979)	Chevrolet	G-GMT-28	200 CID (3.3L)	6	3	88.9 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S

GENERAL MOTORS TRUCK

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
E' (1996-2005), 'F' (2005-2009)	Chevrolet	G-GMT-29	207 CID (3.4L)	6	3	92.0 mm	1.2 X 1.5 X 3.0	CR, RTFIB, 3POR	S, GCI, S
E' (1996-2005), 'F' (2005-2009)	Chevrolet	G-GMT-30	207 CID (3.4L)	6	3	92.0 mm	1.2 X 1.5 X 4.0	CR, RTFIB, 3POR	S, GCI, S
'6 [L52]' (2004-2006)	Chevrolet	G-GMT-31	211 CID (3.5L)	5	3	93.0 mm	1.2 X 1.5 X 2.5	CR, N, 3POR	S, GCI, S
'L [LX9]' (2005-2007)	Chevrolet	G-GMT-32	213 CID (3.5L)	6	3	94.0 mm	1.2 X 1.5 X 2.5	CR, RTFIB, 3POR	GCI, GCI, S
'-' (1942-1953)	Chevrolet	G-GMT-33	216 CID (3.5L)	6	3	88.9 mm	1 / 8" X 1 / 8" X 3 / 16"	TF, TF, 3POR	GCI, GCI, S
7' (2004-2009), 'D [LLT]' (2009-2010)	Chevrolet	G-GMT-34	217 CID (3.6L)	6	3	94.0 mm	1.2 X 1.5 X 2.5	RF-12NG, N, 3POR	S, GCI, S
7' (2004-2009), 'D [LLT]' (2009-2010)	Chevrolet	G-GMT-35	217 CID (3.6L)	6	3	94.0 mm	1.2 X 1.5 X 2.5	CR, N, 3POR	S, GCI, S
9' (1983-1984), 'K' (1980-1982)	Chevrolet	G-GMT-36	229 CID (3.8L)	6	3	95.0 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
-' (1963-1967), 'S' (1968-1969)	Chevrolet	G-GMT-37	230 CID (3.8L)	6	3	98.4 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
-' (1963-1967), 'S' (1968-1969)	Chevrolet	G-GMT-38	230 CID (3.8L)	6	3	98.4 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
2' (1979), 'A' (1978-1984), 'L' (1992-1995)	Buick	G-GMT-39	231 CID (3.8L)	6	3	96.5 mm	1.5 X 1.5 X 3.0	IBTF, RTFIB, 3POR	GCI, GCI, S
2' (1979), 'A' (1978-1984), 'L' (1992-1995)	Buick	G-GMT-40	231 CID (3.8L)	6	3	96.5 mm	1.2 X 1.5 X 3.0	CR, RTFIB, 3POR	S, GCI, S
2' (1979), 'A' (1978-1984), 'L' (1992-1995)	Buick	G-GMT-41	231 CID (3.8L)	6	3	96.5 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
2' (1979), 'A' (1978-1984), 'L' (1992-1995)	Buick	G-GMT-42	231 CID (3.8L)	6	3	96.5 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S

GENERAL MOTORS TRUCK

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
"-' (1966-1971), 'C' (1971-1972), 'D' (1972, 1974-1984), 'L' (1971-1972)									
'N' (1970-1971), 'P' (1968-1969), 'Q' (1973-1975), 'S' (1970-1971)"	Chevrolet	G-GMT-43	250 CID (4.1L)	6	3	98.4 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
"-' (1966-1971), 'C' (1971-1972), 'D' (1972, 1974-1984), 'L' (1971-1972)									
'N' (1970-1971), 'P' (1968-1969), 'Q' (1973-1975), 'S' (1970-1971)"	Chevrolet	G-GMT-44	250 CID (4.1L)	6	3	98.4 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
'S' (2002-2008)	Vortec	G-GMT-45	256 CID (4.2L)	6	3	93.0 mm	1.2 X 1.5 X 2.5	CR, N, 3POR	S, GCI, S
'S' (2002-2008)	Vortec	G-GMT-46	256 CID (4.2L)	6	3	93.0 mm	1.2 X 1.2 X 2.5	CR, IBTF, 3POR	S, GCI, S
-' (1954-1959, 1961-1962)	Chevrolet	G-GMT-47	261 CID (4.3L)	6	3	95.3 mm	3 / 32" X 3 / 32" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
B' (1990-1991), 'N' (1985-1986), 'Z' (1985-1996)	Chevrolet	G-GMT-48	262 CID (4.3L)	6	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
B' (1990-1991), 'N' (1985-1986), 'Z' (1985-1996)	Chevrolet	G-GMT-49	262 CID (4.3L)	6	3	101.6 mm	2.0 X 1.5 X 4.0	CR, IBTF, 3POR	GCI, GCI, S
B' (1990-1991), 'N' (1985-1986), 'Z' (1985-1996)	Chevrolet	G-GMT-50	262 CID (4.3L)	6	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'Z' (1991-1993)	Chevrolet	G-GMT-51	262 CID (4.3L)	6	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
W' (1992-2004), 'X' (1996-1999, 2002-2009)	Vortec	G-GMT-52	262 CID (4.3L)	6	3	101.6 mm	1.5 X 1.5 X 3.0	CR, RTFIB, 3POR	S, GCI, S
W' (1992-2004), 'X' (1996-1999, 2002-2009)	Vortec	G-GMT-53	262 CID (4.3L)	6	3	101.6 mm	2.0 X 1.5 X 4.0	CR, IBTF, 3POR	GCI, GCI, S
'-' (1955-1957)	Chevrolet	G-GMT-54	265 CID (4.3L)	8	3	95.3 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S

GENERAL MOTORS TRUCK

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
'J' (1979-1982)	Chevrolet	G-GMT-55	267 CID (4.4L)	8	3	88.9 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
'A' (2004-2009)	Northstar	G-GMT-56	281 CID (4.6L)	8	3	93.0 mm	1.2 X 1.5 X 2.5	CR, RTFIB, 3POR	S, GCI, S
'-' (1957-1967)	Chevrolet	G-GMT-57	283 CID (4.6L)	8	3	98.4 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
-' (1963-1967, 1969-1970), 'S' (1968-1972), 'T' (1972-1989)	Chevrolet	G-GMT-58	292 CID (4.8L)	6	3	98.4 mm	3 / 32" X 3 / 32" X 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
S' (1974), 'T' (1974)	Chevrolet LPG	G-GMT-59	292 CID (4.8L)	6	3	98.4 mm	3 / 32" X 3 / 32" X 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
C' (2007-2009), 'V' (1999-2007)	Vortec	G-GMT-60	294 CID (4.8L)	8	3	96.0 mm	1.5 X 1.5 X 3.0	CR, RTFIB, 3POR	S, GCI, S
'-' (1960-1969)	Vortec	G-GMT-61	305 CID (5.0L)	6	4	108.0 mm	3 / 32" X 3 / 32" X 3 / 32" X 3 / 16"		SGI, GCI, GCI, GCI
F' (1981-1986), 'G' (1980-1981), 'H' (1979-1996), 'Q' (1976), 'U' (1977-1979)	Chevrolet	G-GMT-62	305 CID (5.0L)	8	3	95.0 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
F' (1981-1986), 'G' (1980-1981), 'H' (1979-1996), 'Q' (1976), 'U' (1977-1979)	Chevrolet	G-GMT-63	305 CID (5.0L)	8	3	95.0 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
F' (1981-1986), 'G' (1980-1981), 'H' (1979-1996), 'Q' (1976), 'U' (1977-1979)	Chevrolet	G-GMT-64	305 CID (5.0L)	8	3	95.0 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
"-' (1971-1972), 'A' (1970), 'B' (1970), 'DC' (1969), 'E' (1968-1969), 'F' (1971-1973), 'H' (1971), 'ME' (1968), 'P' (1971), 'U' (1969), 'X' (1973)"	Chevrolet	G-GMT-65	307 CID (5.0L)	8	3	98.4 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'-' (1956)	Buick	G-GMT-66	322 CID (5.3L)	8	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S

GENERAL MOTORS TRUCK

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
“0 [LMG]’ (2007-2009), ‘3 [LC9]’ (2007-2009), ‘B’ (2005-2007), ‘J [LY5]’ (2007-2009), 'M' (2005-2009), 'P' (2003-2004), 'T' (1999-2007), 'Z [L59]' (2002-2007)"	Vortec	G-GMT-67	325 CID (5.3L)	8	3	96.0 mm	1.5 X 1.5 X 3.0	CR, RTFIB, 3POR	S, GCI, S
-' (1962-1968), 'E' (1968), 'HJ' (1968)	Chevrolet	G-GMT-68	327 CID (5.4L)	8	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
-' (1962-1968), 'E' (1968), 'HJ' (1968)	Chevrolet	G-GMT-69	327 CID (5.4L)	8	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
'-' (1958-1959)	Chevrolet	G-GMT-70	336 CID (5.5L)	8	3	98.4 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
-' (1958-1962, 1964-1965)	Chevrolet	G-GMT-71	348 CID (5.7L)	8	3	104.8 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
K' (1992-1993, 1995-1996)	Chevrolet LPG	G-GMT-72	350 CID (5.7L)	8	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'R' (1996-2001)	Vortec CNG	G-GMT-73	350 CID (5.7L)	8	3	101.6 mm	2.0 X 1.5 X 4.0	IBTF, IBTF, 3POR	GCI, GCI, S
'R' (1996-2001)	Vortec CNG	G-GMT-74	350 CID (5.7L)	8	3	101.6 mm	1.5 X 1.5 X 3.0	IBTF, RTFIB, 3POR	GCI, GCI, S
“-’ (1969-1971), ‘A’ (1971), ‘A [LF5]’ (1980-1989), ‘B’ (1971), ‘E’ (1969-1972, 1984), ‘H’ (1972-1975), ‘J’ (1972), ‘K’ (1971, 1973, 1987-1996), ‘L’ (1974-1986), ‘M’ (1979-1988), 'P' (1980), 'V' (1973-1976), 'Y' (1973-1975), 'Z' (1978-1981)"	Chevrolet	G-GMT-75	350 CID (5.7L)	8	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S

GENERAL MOTORS TRUCK

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
"-' (1969-1971), 'A' (1971), 'A [LF5]' (1980-1989), 'B' (1971), 'E' (1969-1972, 1984), 'H' (1972-1975), 'J' (1972), 'K' (1971, 1973, 1987-1996), 'L' (1974-1986), 'M' (1979-1988), 'P' (1980), 'V' (1973-1976), 'Y' (1973-1975), 'Z' (1978-1981)"	Chevrolet	G-GMT-76	350 CID (5.7L)	8	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
"-' (1969-1971), 'A' (1971), 'A [LF5]' (1980-1989), 'B' (1971), 'E' (1969-1972, 1984), 'H' (1972-1975), 'J' (1972), 'K' (1971, 1973, 1987-1996), 'L' (1974-1986), 'M' (1979-1988), 'P' (1980), 'V' (1973-1976), 'Y' (1973-1975), 'Z' (1978-1981)"	Chevrolet	G-GMT-77	350 CID (5.7L)	8	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
"-' (1969-1971), 'A' (1971), 'A [LF5]' (1980-1989), 'B' (1971), 'E' (1969-1972, 1984)'H' (1972-1975), 'J' (1972), 'K' (1971, 1973, 1987-1996), 'L' (1974-1986), 'M' (1979-1988), 'P' (1980), 'V' (1973-1976), 'Y' (1973-1975), 'Z' (1978-1981)"	Chevrolet	G-GMT-78	350 CID (5.7L)	8	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
'R' (1995-2002)	Vortec 5	G-GMT-79	350 CID (5.7L)	8	3	101.6 mm	2.0 X 1.5 X 4.0	IBTF, IBTF, 3POR	GCI, GCI, S
'R' (1995-2002)	Vortec 5	G-GMT-80	350 CID (5.7L)	8	3	101.6 mm	1.5 X 1.5 X 3.0	IBTF, RTFIB, 3POR	GCI, GCI, S
'R' (1995-2002)	Vortec 5	G-GMT-81	350 CID (5.7L)	8	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'W' (1974)	Chevrolet LPG	G-GMT-82	350 CID (5.7L)	8	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
'W' (1974)	Chevrolet LPG	G-GMT-83	350 CID (5.7L)	8	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S

GENERAL MOTORS TRUCK

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
'W' (1974)	Chevrolet LPG	G-GMT-84	350 CID (5.7L)	8	3	101.6 mm	5 / 64" X 5 / 64" X 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
'U' (2002-2005)	Vortec CNG	G-GMT-85	364 CID (6.0L)	8	3	101.6 mm	1.5 X 1.5 X 3.0	CR, RTFIB, 3POR	S, GCI, S
“5 [LFA]’ (2008-2009), ‘H’ (2005-2009), ‘K’ (2007-2009), ‘N’ (2002-2007), 'U' (1999-2008), 'Y [L76]' (2007-2009)"	Vortec	G-GMT-86	364 CID (6.0L)	8	3	101.6 mm	1.5 X 1.5 X 3.0	CR, RTFIB, 3POR	S, GCI, S
“5 [LFA]’ (2008-2009), ‘H’ (2005-2009), ‘K’ (2007-2009), ‘N’ (2002-2007), 'U' (1999-2008), 'Y [L76]' (2007-2009)"	Vortec	G-GMT-87	364 CID (6.0L)	8	3	101.6 mm	1.2 X 1.5 X 2.5		S, GCI, S
B [L86]' (1980-1991), 'P [LS0]' (1989-1998)	Chevrolet	G-GMT-88	366 CID (6.0L)	8	4	100.0 mm	3 / 32" X 5 / 64" X 5 / 64" X 3 / 16"	CR, IBTF, IBTF, 3POR	GCI, GCI, GCI, GCI
B [L86]' (1980-1991), 'P [LS0]' (1989-1998)	Chevrolet	G-GMT-89	366 CID (6.0L)	8	3	100.0 mm	3 / 32" X 5 / 64" X 3 / 16"	CR, RTFIB, 3POR	S, GCI, S
B [L86]' (1980-1991), 'P [LS0]' (1989-1998)	Chevrolet	G-GMT-90	366 CID (6.0L)	8	4	100.0 mm	3 / 32" X 5 / 64" X 5 / 64" X 3 / 16"	IBTF, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
'2 [L9H]' (2009)	Vortec	G-GMT-91	376 CID (6.2L)	8	3	103.3 mm	1.5 X 1.5 X 2.5		S, GCI, S
C' (1982-1993), 'J' (1982-1993)	DIESEL	G-GMT-92	379 CID (6.2L)	8	3	101.0 mm	3.0 X 2.0 X 4.0	SGI, GCI, GCI	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
E 158 SP, E 212 SP, TA-SP, E 318 T-SP	Schiffsmotor, Marine Engine, Generator	G-GU-001	15900 & 21200 & 31800	6, 8, 12	4	150	3.5, 3.5, 3.5, 6	CR, CTF, CTF, CHSL-B	SGI, GCI, GCI, GCI
R 15, ENA, 2-12 Cyl.	Schiffsmotor, Marine Engine, Generator	G-GU-002	15900 & 21200 & 31800	2, 12	4	150	4, 3.5, 3, 6	CRFK, CTF, CTF, CHSL-B	SGI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
M 115.922, M 115.933, M 115.934, M 115.935	Series F 45	G-HM-01	2197	4	3	87	2, 2.5, 4	CRR, NTF, CHSL-B	SGI, GCI, GCI
OM 615.910, OM 615.912, OM 615.917, OM 615.936	Series F 20, Series F 25, Series F 30, Series F 35, Series F 36, Series F 40	G-HM-02	2197	4	3	87	3, 2, 4	CRR, NTF, CHSL-B	SGI, GCI, GCI
OM 314.915, OM 352.917, OM 353.916, OM 353.917	Series F 45, Series F 46, Series F 55, Series F 110, Series F 130	G-HM-03	3780	4, 6	4	97	3, 3, 3, 5.5	CRFK, CTF, CTF, CHSL-B	SGI, GCI, GCI, GCI
OM 314.915, OM 352.917, OM 353.916, OM 353.917	Series F 45, Series F 46, Series F 55, Series F 110, Series F 130	G-HM-04	3780, 5675	4, 6	4	97	3, 3, 3, 5.5, 5.5	CRFK, CTF, N, CHSL-B, SOR	SGI, GCI, GCI, GCI, GCI
OM 360.966, OM 360.967	Series F 150	G-HM-05	8725	6	3	115	3.5, 3, 5.5	CRFK, CRIB, CHSL-B	SGI, GCI, GCI
OM 360.966, OM 360.967	Series F 150	G-HM-06	8725	6	3	115	3.5, 3, 5.5	CRFK, CRIB, CHSL-B	SGI, GCI, GCI
OM 403.906, OM 403.917, OM 403.919, OM 403.930	Series F 130, Series F 193, Series F 263, Series F 463	G-HM-07	15960	10	3	125	3, 3, 6	CRFK, CRNTF, CHSL-B	SGI, GCI, GCI
OM 403.906, OM 403.917, OM 403.919, OM 403.930	Series F 130, Series F 193, Series F 263, Series F 463	G-HM-08	15960	10	3	125	3, 3, 6	CRFK, NTF, CHSL-B	SGI, GCI, GCI
D 943 A1, D 963 A1, D 963 A2	44 D, 77 D, L 700	G-HM-09	7206 & 10809	4, 6	3	128	3.5, 2.5, 6	CRFKIB, CTF, CHSL-B	GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
E 71, E 672, E 671		G-HA-001	315 & 265 & 320	1, 1, 1	3	71	2.5, 2.5, 4	CRIS, N, DB-SOR	SGI, GCI, GCI
E 573, E 673, LK / RK, LN / RN, LKF / RKF, LNF / RNF, LHK / RHK		G-HA-002	280	1	3	73	2, 2, 4	CR, CTFIB, DB-SOR	GCI, GCI, GCI
E / ES 71, E / ES 75		G-HA-003		1	3	75	1.75, 1.75, 4	CRTFIB, CTF, DB-SOR	SGI / S, GCI, GCI
E 75		G-HA-004	353	1	3	75	2.5, 2.5, 4	CR, CIB, DB-SOR	GCI, GCI, GCI
E 80, E 80 G, E 80 FG, E 80, FC		G-HA-005	502	1	3	80	2, 2, 4	CR, CTF, DB-SOR	SGI / S, GCI, GCI
E 780		G-HA-006	500	1	3	80	2.5, 2.5, 4	CR, CTF, DB-SOR	GCI, GCI, GCI
E 79 ES		G-HA-007	422	1	3	82	2, 2, 4	CR, N, DB-SOR	SGI, GCI, GCI
E 79, Z 782		G-HA-008	422 & 1050	1, 2	3	82	2.5, 2.5, 4	CR, CTF, DB-SOR	SGI, GCI, GCI
ES, E 780		G-HA-009	525	1	3	82	2.5, 2.5, 5	CRIB, CTF, DB-SOR	SGI, GCI, GCI
E 85 FG / FL / G	TL 10	G-HA-010	567 & 624	1, 1	3	85	2, 2, 4	CR, CTF, DB-SOR	GCI, GCI, GCI
E / ES 785	E / ES	G-HA-011	785	1	3	85	2.5, 2.5, 4	CRIB, CIB, DB-SOR	
E 785, ES 785		G-HA-012	620	1	4	85	2.5, 2.5, 4, 4	CRIB, CIB, SOR, SOR	GCI, GCI, GCI, GCI
E 85		G-HA-013		1	3	85	3, 3, 5	CRIB, CTF, DB-SOR	GCI, GCI, GCI
2 G 30		G-HA-014	912	2	3	88	2, 2, 4	CR, CTF, DB-SOR	SGI / S, GCI, GCI
E 88 / 89 FG / FL / G, Z 788, Z 790, Z 789	Traktor TL 11 / 12 / 12, H 113, Indutremotor	G-HA-015	668 & 1145 & 1272	1, 2, 2	3	90	2, 2, 4	CR, CTF, DB-SOR	SGI / S, GCI, GCI
E 89 G / FG / FL	Escort, Orion, Fiesta, Ka	G-HA-016	668	1	3	90	2.5, 2.5, 5	CRIB, CTF, DB-SOR	GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
Z 788, Z 790		G-HA-017	11451270	2, 2	3	90	3, 3, 5	CRIB, CTF, DB-SOR	GCI, GCI, GCI
E 950		G-HA-018	744	1	3	95	2, 2, 4	CR, N, BPSL	SGI / S, GCI, GCI
2 L 30 S / C, 3 L 30 S / C, 4 L 30 S / L		G-HA-019	1418 & 2126 & 2835	2, 3, 4	3	95	3, 3, 5	CRFKIB, N, BPSL	SGI, GCI, GCI
1 D 80		G-HA-020	667	1	3	100	2.5, 2, 4	CR, NTF, DB-SOR	SGI, GCI, GCI
2 L / M 40, 3 L / M 40, 4 L / M 40	Industriemotor	G-HA-021	1716 & 2574 & 3432	2, 3, 4	3	102	3, 2.5, 4	CRFK, NTF, BSOR	SGI, GCI, GCI
E 108, Z 108, D 108, V 108		G-HA-022	1007 & 2014 & 3021 & 4028	1, 2, 3, 4	4	108	3, 3, 3, 5	CRFK, C, N, DB-SOR	SGI, GCI, GCI, GC8I

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
DM100	KM 310, 330D, 350, Trucktor, HM300, HM301, Bus BM320	G-HI-001	4313	6	5	90	2.5, 2.5, 2.5, 4, 4	CR, C, N, CHSL-B, SOR	GCI, GCI, GCI, GCI, GCI,
DQ100	Truck, KQ500, 520D, 540, 560, 500K, 540K, KL501, 521D, 541, 561, 581, 501K, 541K, 561K, KM500, 510520540	G-HI-002	4507	6	5	92	2.5, 2.5, 2.5, 4, 4	CR, C, N, CHSL-B, SOR	GCI, GCI, GCI, GCI, GCI,
EC100	Truck KL300, 321D, 360, 387A, 300K, 340K, 360K, WB310, KL311, FD124, Trucktor, KJ300, HL300, Bus, RL100, AM100	G-HI-003	5010	6	5	97	2.5, 2.5, 2.5, 4, 4	CR, C, N, CHSL-B, SOR	SGI, GCI, GCI, GCI, GCI,
EC100	Truck, KL300, 321D, 340, 360, 387A, 300K, 340K, 360K, WB310, KL311, FD124, Trucktor, KJ300, HL300, Bus, RL100, AM100	G-HI-004	5010	6	5	97	2.5, 2.5, 2.5, 4, 4	CR, C, N, CHSL-B, SOR	SGI, GCI, GCI, GCI, GCI,
W04C-T	Bus 84, Rainbow RB145	G-HI-005	4009	4	3	104	2.8, 2.5, 5	CRFK, C, CHSL-B	SGI, GCI, GCI
W04D	Ranger KM, FB112	G-HI-006	4009	4	3	104	2.5, 2, 5	CR, C, CHSL-B	SGI, GCI, GCI
W06D	Bus AC, FC42	G-HI-007	5759	6	3	104	2.5, 2, 5	CR, C, CHSL-B	SGI, GCI, GCI
DS70, DS90	Truck, TE61, TE11, KL320, TE100, KL300, Trucktor, TE100D, TE100, 120, Bus, RD100, 120, BK11, BT10, BT30, BT31	G-HI-008	7014	6	5	105	3, 3, 3, 4.5, 4.5	CR, C, N, CHSL-B, SOR	GCI, GCI, GCI, GCI, GCI,
EH100	Truck, KL500, 540, 560, 580, 520, KR320, WB311, 321, Trucktor, KJ500, KU500, KR300, 350, KU580, 590, Bus BX320, AM101	G-HI-009	5871	6	5	105	2.5, 2.5, 2.5, 4, 4	CR, C, N, CHSL-B, SOR	SGI, GCI, GCI, GCI, GCI,
EH100	Truck, KL500, 540, 560, 580, 520, KR320, WB311, 321, Trucktor, KJ500, KU500, KR300, 360, KU580, 590, Bus BX320, AM101	G-HI-010	5871	6	5	105	2.5, 2.5, 2.5, 4, 4	CR, C, N, CHSL-B, SOR	SGI, GCI, GCI, GCI, GCI,

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
EH500	Truck Ranger 4S, FD156AA	G-HI-011	6211	6	4	108	3, 2.5, 2.5, 5	CR, C, N, CHSL-B	SGI, GCI, GCI, GCI
EH300	Truck, KL301, 321, KL501, KJ501, KU580, Bus RD300, RL300, 320	G-HI-012	6211	6	4	108	3, 2.5, 5, 4	CR, C, CHSL-B, SOR	SGI, GCI, GCI, GCI
		G-HI-013			4	108	3, 2.5, 5, 4	CR, C, CHSL-B, SOR	SGI, GCI, GCI, GCI
H06C	GK, FD, RU	G-HI-014	6485	6	4	108	3, 2.5, 2.5, 5	CR, C, N, CHSL-B	SGI, GCI, GCI, GCI
H06C-TA	Ranger F, D	G-HI-015	6485	6	4	108	2.806, 2.5, 2.5, 5	CRFK, C, N, CHSL-B	SGI, GCI, GCI, GCI
H06C-T		G-HI-016		6	4	108	2.8, 2.5, 2.5, 4	CRFK, CR, N, STOR	GCI, GCI, GCI, S
DS50, 60, 80	Truck ZC34D, 44D, Bus BT100H	G-HI-017	7982	6	5	110	3, 3, 3, 4.5, 4.5	CR, C, N, CHSL-B, SOR	GCI, GCI, GCI, GCI, GCI,
DS50, 60, 80	Truck ZC34D, 44D, Bus BT100H	G-HI-018	7982	6	5	110	3, 3, 3, 4.5, 4.5	CR, C, N, CHSL-B, SOR	SGI, GCI, GCI, GCI, GCI,
EH700	Truck, KL545, KL585, KR365, KL525, KR305, LB595, KL555, KR325, KL565, FD171, 172, 174, 175, 476, Bus RJ170, RD300, 301, RL320	G-HI-019	6443	6	4	110	3, 2.5, 2.5, 5	CR, C, N, CHSL-B	SGI, GCI, GCI, GCI
H07C	Truck, P-GD179BA, P-FF173BA, Bus, P-RJ170BA, P-RJ172BA,	G-HI-020	6728	6	4	110	3, 2.5, 2.5, 5	CR, C, N, CHSL-B	SGI, GCI, GCI, GCI
H07C-T	Truck, FD, FG, SD, RR	G-HI-021	6728	6	4	110	2.806, 2, 2.5, 4	CRFK, CR, N, STOR	SGI, SIGI, GCI, S
H07C-T		G-HI-022		6	4	110	2.806, 2, 2.5, 4	CRFK, CR, N, STOR	SGI, SIGI, SGI, S
H07E	Truck, PG-179BA, PEF173BA, Bus, P-RJ170BA, P-RJ172BA	G-HI-023	6728	6	4	110	3, 2.5, 2.5, 5	CR, C, N, CHSL-B	SGI, GCI, GCI, SGI
H07D	FD, FC, GD, FF, FT, RI	G-HI-024	7412	6	3	110	3, 2, 4	CR, CR, STOR	SGI, SGI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
J07, J08C	FD	G-HI-025	7961	6	3	114	3, 2, 4	CR, CR, STOR	SGI, SGI, S
EB100,	Truck, KB300D, KB320, 340, 360, KB380, 100, 120, 110, 301, KB312, 321, 341, 361, 381, KB111, KB121, Bus RE100, RE100-P, RE120, 140, RE120P	G-HI-026	9036	6	5	115	3.5, 3, 3, 5, 5	CR, C, N, CHSL-B, SOR	GCI, GCI, GCI, SGI, GCI,
EB100, 200	Truck, KB300D, KB320, 340, 360, KB380, 100, 120, 110, 301, KB312, 321, 341, 361, 381, KB111, KB121, Bus, RE100, RE100-P, RE120, 140, RE120-P	G-HI-027	9036	6	5	115	3.5, 3, 3, 5, 5	CR, C, N, CHSL-B, SOR	SGI, GCI, GCI, GCI, GCI
EL100T	Truck, FG185, LB760	G-HI-028	7862	6	4	116	3, 2.5, 2.5, 5	CR, C, N, CHSL-B	SGI, GCI, GCI, SGI
DK10T, 20T	Truck, TC301, 311, 121, BG100, Bus, RC300, 320, 300P320P, RC320PT, Trucktor, HE100, HF300, HF301, HH700HH720	G-HI-029	10170	6	5	120	3.5, 3.5, 3.5, 5, 5	CR, C, N, CHSL-B, SOR	SGI, GCI, GCI, SGI, SGI
DK10, 20	Truck TC301, 311, 121, BG100, Bus, RC300, 320, 300P, 320P, RC320PT, Trucktor, HE100, HF300, HF301, HH700, HH720	G-HI-030	10170	6	5	120	3.5, 3.5, 3.5, 5, 5	CR, C, N, CHSL-B, SOR	SGI, GCI, GCI, GCI, GCI
EB300	Truck, KB113D, 122, 303D, 313, 314, 322, 342, 362, 720, 383, 392, E320, ZH100, KB304D, KH120, BG100, KB394, 721, ZT300, 320, Bus RF400	G-HI-031	9838	6	4	120	3, 3, 3, 6	CR, C, N, CHSL-B	SGI, GCI, GCI, GCI
EB400	Bus, RE101, RE161, RE121, RE141	G-HI-032	9838	6	4	120	3.306, 3, 3, 6	CRFK, C, N, CHSL-B	SGI, GCI, GCI, GCI
EP100	Super Dolphin, FN288, 11.5ton	G-HI-033	8821	6	4	120	3.306, 2.8, 2.5, 5	CRFK, C, N, CHSL-B	SGI, SGI, GCI, GCI
EP100		G-HI-034		6	4	120	3.3, 3, 2.5, 5	CR, C, N, CHSL-B	SGI, GCI, GCI, SGI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
EM100	Truck, FH288	G-HI-035	9419	6	4	124	2.806, 3, 3, 5	CR, C, N, CHSL-B	SGI, SGI, GCI, SGI
M10U	Bus, HT, HU	G-HI-036	9880	6	4	127	3.306, 3, 3, 5	CRFK, C, N, CHSL-B	SGI, SGI, GCI, GCI
ED100	Truck, KB500, TC302, 322, 342, 362, 382, 921, KF300D, 320, 340, 360, 380, 390, 355, 365, 385, HH130, ZH102, 8G150D, HE335, ZH110D, ZC120, ZG150D, ZR300, ZC150	G-HI-037	11581	6	4	128	3.5, 3.5, 3.5, 6	CR, C, N, CHSL-B	SGI, SGI, GCI, GCI
ED100	Truck, HT, HH	G-HI-038	11581	6	4	128	3.5, 3.5, 3.5, 6	CR, C, N, CHSL-B	SGI, GCI, GCI, GCI
ER200	Bus, RC300, 301, 302, RC321, 381	G-HI-039	11581	6	4	128	3.306, 3, 3, 6	CR, C, N, CHSL-B	SGI, GCI, GCI, GCI
EF100	Truck, TC701D, 721, 741, 761, 781, KF702D, 722, 742, 762, 782, 792, 765, 785, ZM102D, 301D, 341, 703D, 743, 763, HE345, HH340, HK340, KA340, HF701D, HE340, HE345, Bus, RV730P, RV750P	G-HI-040	13804	8	4	130	3.306, 3.5, 3.5, 6	CRFK, C, N, CHSL-B	SGI, GCI, GCI, GCI
EF100T	Truck, HE340, HE345, HE346	G-HI-041	13804	8	4	130	3.306, 3.5, 3.5, 6	CR, C, N, CHSL-B	SGI, GCI, GCI, SGI
EF300, EF350	Truck, TC702D, KF703D, ZM704D, KF797, ZM764, ZM705D, KF746, KF704, 706, 798, ZM765, KF767, KS341, ZM706, 765, 745, Bus, RV761, RS120	G-HI-042	14232	8	4	132	3.306, 3.5, 3.5, 6	CRFK, C, N, CHSL-B	SGI, GCI, GCI, GCI
EF500	Truck, ZM500D, WP325, HE356, ZM560, KF585, ZM540, ZM580, TC921, TC541, 561B, HE350, 355, WB300, HE330, Bus, RV541, RV561P, RS360P, RV530P, 540P, 550	G-HI-043	15459	8	4	135	3.306, 3.5, 3.5, 6	CRFK, C, N, CHSL-B	SGI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
EF550	Truck, FS, FR, FN, SH, RU	G-HI-044	16260	8	4	135	3.306, 3.5, 3.5, 5	CRFK, C, N, CHSL-B	SGI, SGI, GCI, SGI
K13C	Truck, FS, FR, FN	G-HI-045	12882	6	4	135	3.306, 3.5, 3.5, 5	CRFK, C, N, CHSL-B	SGI, SGI, GCI, SGI
EK100, EK200	Truck, TC363, KF392, KS391, KS341, KB501D, KF301, 391, ZM303, TC922, ZR255, TC343, 362, WD300, TC383, ZC101, 121, Bus, RC721P	G-HI-046	13267	6	4	137	3.306, 3.5, 3.5, 6	CRFK, C, N, CHSL-B	SGI, GCI, GCI, GCI
D3EF750, EF700, 750	Truck, HE366, HH341, TC562, ZM500, ZM940	G-HI-047	13267	6	4	137	3.306, 3.5, 3.5, 6	CRFK, C, N, CHSL-B	SGI, GCI, GCI, GCI
D3EF750, EF700, 750	Truck, HE366, HH341, TC562, ZM500, ZM940	G-HI-048	15920	8	4	137	3.306, 3.5, 3.5, 6	CRFK, C, N, CHSL-B	SGI, GCI, GCI, GCI
EF700T, 750T	Truck, SH, SS, FN, FS, SH	G-HI-049	16745	8	4	137	3.306, 3.5, 3.5, 6	CRFK, C, N, CHSL-B	SGI, GCI, GCI, GCI
EF750	Truck, Tractor, HE, HH, TC	G-HI-050	15920	8	4	137	3.306, 3.5, 3, 5	CRFK, C, N, CHSL-B	SGI, GCI, GCI, GCI
EV700	Truck, HE526, WP330, HH541, TC562	G-HI-051	19900	10	4	137	3.306, 3.5, 3.5, 6	CRFK, C, N, CHSL-B	SGI, GCI, GCI, GCI
EV700	Truck, SH, HE526, SS, TC562	G-HI-052	19900	10	4	137	3.306, 3.5, 3.5, 6	CRFK, C, N, CHSL-B	SGI, GCI, GCI, GCI
F17D	Truck, FS, FR, RU, FN, FW, SH	G-HI-053	17238	8	4	137	3.306, 3.5, 3.5, 5	CRFK, C, N, STOR	SGI, SGI, GCI, S
F17E	FS, FR, RU, FN, FW, SH	G-HI-054	17238	8	4	139	3.306, 3.5, 3.5, 6	CRFK, CR, N, STOR	SGI, SGI, GCI, S
V22C	Truck, SH, SS	G-HI-055	21548	10	4	139	3.306, 3.5, 3.5, 6	CRFK, C, N, CHSL-B	SGI, GCI, GCI, GCI
V22D	Truck, SH, FS, FN	G-HI-056	21548	10	4	139	3.306, 3.5, 3.5, 5	CRFK, CR, N, STOR	SGI, SGI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
EA100	Bus	G-HI-057		10	4	140	3.306, 3, 3, 6	CRFK, C, N, CHSL-B	SGI, SGI, GCI, SGI
F20C	Truck, FS, FR, FO, FN, FW, FY, SH, RU	G-HI-058	19688	8	4	146	3.306, 3.5, 3.5, 5	CRFK, CR, N, STOR	SGI, SGI, SGI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
N360, TN360	N360, TN360	G-HO-001	360	2	3	62.5	1.5, 1.5, 2.5	CR, C, TPOR	GCI, GCI, S
ER	City Turbo	G-HO-002	1200	4	3	66	1.2, 1.2, 2.8	CR, C, TPOR	S, GCI, S
ER	City, E-AA, L-VF	G-HO-003	1000	4	3	66	1, 1.2, 2.8	CR, C, TPOR	S, GCI, S
FA	Life, VA, PA, Z360	G-HO-004	360	2	3	67	1.5, 1.5, 2.8	CR, C, TPOR	GCI, GCI, S
EB-1	Civic, SB1	G-HO-005	1200	4	3	70	1.5, 1.5, 2.8	CR, C, TPOR	SGI, GCI, S
EB-1	New Civic	G-HO-006	1200	4	3	70	1.5, 1.5, 4	CR, C, TPOR	SGI, GCI, S
EB-5	145 Coupe, CD, H1400	G-HO-007	1400	4	3	72	1.5, 1.5, 2.8	CR, C, TPOR	SGI, GCI, S
EJ, EN	Civic, Ballade	G-HO-008	1300	4	3	72	1.5, 1.5, 4	CR, C, TPOR	SGI, GCI, S
EJ, EN	Civic, Civic Van, J-VC, Ballade	G-HO-009	1300	4	3	72	1.5, 1.5, 4	CR, C, TPOR	SGI, GCI, S
EJ, EN	Civic, Civic Van, J-VC, Ballade	G-HO-010	1300	4	3	72	1, 1.2, 2.8	CR, C, TPOR	S, GCI, S
EH	TN Acty (4WD)	G-HO-011	550	2	3	72	1.2, 1.2, 4	CR, C, TPOR	S, GCI, S
EH	TN Acty	G-HO-012	550	2	3	72	1, 1.2, 4	CR, C, TPOR	S, GCI, S
EH	TN Acty	G-HO-013	550	2	3	72	1.5, 1.5, 4	CR, C, TPOR	SGI, GCI, S
EH	TN-Acty, Acty Van	G-HO-014	550	2	3	72	1.5, 1.5, 4	CR, C, TPOR	GCI, GCI, S
EC	Civic, H-VB	G-HO-015	1500	4	3	74	1.5, 1.5, 2.8	CR, C, TPOR	SGI, GCI, S
EM, ED	Civic, E-WD, E-SG, E-SH, Ballade, Accord, B-SJ	G-HO-016	1500	4	3	74	1.5, 1.5, 4	CR, C, TPOR	SGI, GCI, S
EF	Civic	G-HO-017	1600	4	3	74	1.2, 1.2, 2.8	CR, C, TPOR	S, GCI, S
EM		G-HO-018	1500	4	3	74	1.5, 1.5, 2.8	CR, C, TPOR	GCI, GCI, S
EM	Civic, Ballade	G-HO-019	1500	4	3	74	1.5, 1.5, 2.5	CR, CR, CR	GCI, GCI, GCI
PE6	Civic 1300	G-HO-020	1300	4	2	74	1.2, 2.8	CR, TPOR	S, S
EF	Civic	G-HO-021	1300	4	3	74	1.2, 1.2, 2.8	CR, C, TPOR	S, GCI, S
EV	Civic 1300	G-HO-022	1300	4	3	74	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
PH8	Civic	G-HO-023	1500	4	3	75	1, 1.2, 2.8	CR, C, TPOR	S, GCI, S
PM0	Civic	G-HO-024	1500	4	3	75	1.2, 1.5, 4	CR, C, TPOR	S, GCI, S
P04	Civic	G-HO-025	1500	4	3	75	1.2, 1.5, 2.8	CR, C, TPOR	S, GCI, S
PM3, PM4	Civic	G-HO-026	1500	4	3	75	1.2, 1.5, 2.8	CR, C, TPOR	S, GCI, S
P08	Civic	G-HO-027	1500	4	3	75	1, 1.2, 2.8	CR, C, TPOR	S, GCI, S
P28	Civic	G-HO-028	1500	4	3	75	1.2, 1.5, 2.8	CR, C, TPOR	S, GCI, S
D 16A	Civic	G-HO-029	1500	4	3	75	1.2, 1.5, 2.8	CR, C, TPOR	S, GCI, S
EK	Quint, E-SU, Accord, E-SV	G-HO-030	1600	4	3	77	1.5, 1.5, 4	CR, C, TPOR	SGI, GCI, S
EK, EP	Accord, E-SZ, E-SM, Prelude	G-HO-031	1800	4	3	77	1.5, 1.5, 4	CR, C, TPOR	SGI, GCI, S
ES	Prelude	G-HO-032	1800	4	3	80	1.5, 1.5, 4	CR, C, TPOR	SGI, GCI, S
PH2	Accord 1800	G-HO-033	1800	4	3	80	1.2, 1.2, 2.8	CR, C, TPOR	S, GCI, S
PC7	Accord 1800	G-HO-034	1800	4	3	80	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
ES, EY	Accord, Prelude	G-HO-035	1829	4	3	80	1.5, 1.5, 4	CR, C, TPOR	SGI, GCI, S
PJ5	Prelude 2000	G-HO-036	2000	4	3	81	1.2, 1.5, 2.8	CR, C, TPOR	GCI, SGI, S
PK1, PH3	Accord, Prelude	G-HO-037	1800	4	3	81	1.2, 1.5, 2.8	CR, C, TPOR	S, GCI, S
PK1, PH3	Accord, Prelude	G-HO-038	1800	4	3	81	1.2, 1.5, 2.8	CR, C, TPOR	S, GCI, S
PR3	Integra	G-HO-039	1600	4	3	81	1, 1.2, 2.8	CR, C, TPOR	S, GCI, S
PR4	Integra	G-HO-040	1800	4	3	81	1, 1.2, 2.8	CR, C, TPOR	S, GCI, S
P1P, PV3	Ascot, Sabar, Rafarga, Inspire	G-HO-041	2000	4	3	82	1.2, 1.2, 2.8	CR, C, TPOR	S, GCI, S
A20A	Prelude-2000	G-HO-042	2000	4	3	82.7	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
A20A	Prelude-2000	G-HO-043	2000	4	3	82.7	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
A20A	Accord	G-HO-044	1800	4	3	82.7	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
C25A	Legend	G-HO-045	2000	4	3	84	1.2, 1.2, 4	CR, C, TPOR	S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
P3F		G-HO-046	2200	4	3	84	1.2, 1.2, 2.8	CR, C, TPOR	S, GCI, S
F20A	Accord, Ascot	G-HO-047	2200	4	3	85	1.2, 1.2, 2.8	CR, C, TPOR	S, GCI, S
PT0	Accord, Ascot	G-HO-048	2200	4	3	85	1.2, 1.2, 2.8	CR, C, TPOR	S, GCI, S
P1R, DOA	Sabar, Accord, Prelude	G-HO-049	2500 & 2200	4	3	85	1.2, 1.2, 2.8	CR, C, TPOR	S, GCI, S
PT1	Accord, Ascot	G-HO-050	2200	4	3	85	1.2, 1.2, 2.8	CR, C, TPOR	S, GCI, S
F22B	Accord, Ascot	G-HO-051	2200	4	3	85	1.2, 1.2, 2.8	CR, C, TPOR	S, GCI, S
PT4	Accord, Ascot	G-HO-052	2200	4	3	85	1.2, 1.2, 2.8	CR, C, TPOR	S, GCI, S
C27A	Legend	G-HO-053	2500	4	3	87	1.2, 1.2, 4	CR, C, TPOR	S, GCI, S
P13, P14, P0F, P0N, P5M, P5D	Accord, Prelude	G-HO-054	2200	4	3	87	1.2, 1.2, 2.8	CR, C, TPOR	S, GCI, S
C30A	Legend, Sabar	G-HO-055	2900	6	3	90	1.2, 1.2, 2.8	CR, C, TPOR	S, GCI, S
C32A	NSX	G-HO-056	3200	6	3	90	1.2, 1.2, 2.8	CR, C, TPOR	S, GCI, S
4EE2	Civic 1.7 CTDi	G-HO-01	1686	4	3	79	2, 1.5, 3	CRR, CTF, CRBPSL	SGI, SGI, S
XUD 7TE	Concerto 1.8 TD	G-HO-02	1769	4	3	80	3, 2, 3	CRFK (15°), CRCIS, BPSL	SGI, GCI, GCI
20 T2N	Accord 2.0 TDi	G-HO-03	1994	4	3	84.45	3, 2, 3	CRFKIB (15°), NTF, BPSL	SGI, SGI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
4G15	Pony, Lantra, S-Coupé, Excel	G-HY-001	1468	4	3	75.5	1.5, 1.5, 4	C, CTF, TPOR	SGI / S, GCI, S
4G32	Pony, Stellar	G-HY-002	1597	4	3	76.9	2, 2, 4	C, CTF, TPOR	SGI.GCI, S
XUD 9, XUD 9 A	Lantra	G-HY-003	1905	4	3	83	2, 2, 3	CR, CTF, CHSL-B	SGI / S, GCI, GCI
	Sonata	G-HY-004	2972	6	3	91.1	1.5, 1.5, 4	CR, CRTF, TPOR	SGI.GCI, S
	Van Grace	G-HY-005	2346	4	3	91.1	2.5, 2, 4	CR, CRTF, CHSL-B	SGI, GCI, GCI
ATOZ	ATOZ 0.8 , EPSILON	G-HY-006		4	3	63	1.2, 1.5, 2.8	CIB, N, 3POR	S / SGI, GCI, GCI
G4HC	ATOZ 1000	G-HY-007	999	4	3	66	1.2, 1.2, 2.5	CIB, N, 3POR	S / SGI, GCI, GCI
SANTRO		G-HY-008		4	3	66	1.2, 1.2, 2.5	CIB, N, 3POR	S / SGI, GCI, GCI
SANTRO	HY01	G-HY-009		4	3	67	1.2, 1.22.5	CIB, N, 3POR	S / SGI, GCI, GCI
ATOZ1.1		G-HY-010		4	3	67	1.2, 1.2, 2	CIB, N, 3POR	S / SGI, GCI, GCI
Accent 1.5		G-HY-011		4	3	71.5	1.2, 1.5, 3	CIB, N, 3POR	S / SGI, GCI, GCI
G4EH	ALPHA 1.3	G-HY-012		4	3	71.5	1.5, 1.5, 3	CIB, N, 3POR	S / SGI, GCI, GCI
	PONYGL, GLS RUNNER	G-HY-013	1439	4	3	73	2, 2, 2, 4	CIB, N, 3POR	S / SGI, GCI, GCI
G4DJ	EXCEL	G-HY-014	1468	4	3	75.5	1.5, 1.5, 4	CIB, N, 3POR	S / SGI, GCI, GCI
Hyundai	G4FK	G-HY-015		4	3	75.5	1.2, 1.5, 3	CIB, N, 3POR	S / SGI, GCI, GCI
	G4EK	G-HY-016	1468	4	3	75.5	1.5, 1.5, 3	CIB, N, 3POR	S / SGI, GCI, GCI
	1.6 ACCENT	G-HY-017		4	3	76.5	1.2, 1.2, 2.5	CIB, N, 3POR	S / SGI, GCI, GCI
	ELANTRA1.6	G-HY-018		4	3	76.5	1.2, 1.2, 2	CIB, N, 3POR	S / SGI, GCI, GCI
	STELLAR, PONY	G-HY-019	1597	4	3	76.9	2, 2, 4	CIB, N, 3POR	S / SGI, GCI, GCI
G4DR		G-HY-020		4	3	77.4	1.2, 1.2, 2.5	CIB, N, 3POR	S / SGI, GCI, GCI
G4DR-BETA		G-HY-021		4	3	77.5	1.25, 1.25, 2.5	CIB, N, 3POR	S / SGI, GCI, GCI
G4DM	ELANTRA	G-HY-022	1835	4	3	81.5	1.2, 1.5, 3	CIB, N, 3POR	S / SGI, GCI, GCI
G4GB	BESTA 1.8	G-HY-023	1795	4	3	82	1.2, 1.2, 2.5	CIB, N, 3POR	S / SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
G4GB	G4GF	G-HY-024	1795	4	3	82	1.2, 1.2, 2.5	CIB, N, 3POR	S / SGI, GCI, GCI
G4DR		G-HY-025		4	3	82	2, 2, 4	CIB, N, 3POR	S / SGI, GCI, GCI
G4CR	ELANTRA	G-HY-026	1595	4	3	82.3	1.2, 1.5, 3	CIB, N, 3POR	S / SGI, GCI, GCI
DELTA 2.5	GRANT-XG	G-HY-027		6	3	84	1.2, 1.2, 2.5	CIB, N, 3POR	S / SGI, GCI, GCI
G4JP		G-HY-028		4	3	85	1.2, 1.5, 3	CIB, N, 3POR	S / SGI, GCI, GCI
G4CP	SONATA	G-HY-029		4	3	85	1.2, 1.5, 3	CIB, N, 3POR	S / SGI, GCI, GCI
G4CP		G-HY-030		4	3	85	1.2, 1.5, 2.8	CIB, N, 3POR	S / SGI, GCI, GCI
SONATA 2.4		G-HY-031		4	3	86.5	1.2, 1.5, 2.8	CIB, N, 3POR	S / SGI, GCI, GCI
HYUNDAI		G-HY-032		4	3	86.5	1.5, 1.5, 4	CIB, N, 3POR	S / SGI, GCI, GCI
DELTA 2.7	SONATO 2.7	G-HY-033		6	3	86.7	1.2, 1.2, 2.5	CIB, N, 3POR	S / SGI, GCI, GCI
G6AT	SONATA	G-HY-034	2972	6	3	91.1	1.5, 1.5, 4	CIB, N, 3POR	S / SGI, GCI, GCI
V6 3.5L		G-HY-035		6	3	93	1.5, 1.5, 3	CIB, N, 3POR	S / SGI, GCI, GCI
HYUNDAI ERA		G-HY-036		4	3	75	1.75, 1.75, 3	CIB, N, 3POR	S / SGI, GCI, S
HYUNDAI		G-HY-037		4	3	83	1.95, 2, 3	CIB, N, 3POR	S / SGI, GCI, GCI
G4CS	SONATA	G-HY-038	2350	4	3	86.5	1.5, 1.5, 4	CIB, N, 3POR	S / SGI, GCI, GCI
		G-HY-039		4	3	91	2.5, 3	HK, N, DVM	S / SGI, GCI, S
D4BX	VAN GRACE, 4D55 OLD	G-HY-040	2476	4	3	91.1	2.5, 2, 4	HK, N, DVM	S / SGI, GCI, GCI
D4BF	M-CAR	G-HY-041	2400	4	3	91.1	2.49, 1.94, 4	HK, HK, DVM	GCI, GCI, S
H100, D4BA		G-HY-042		4	3	91.1	2, 2, 3	CIB, N, DVM	S / SGI, GCI, GCI
Grace new		G-HY-043		4	3	91.1	2, 2, 4	CIB, N, DVM	S / SGI, GCI, GCI
D4AE	MIGHTY	G-HY-044	3298	4	3	100	3, 2, 4	CIB, N, DVM	S / SGI, GCI, GCI
D4AE (OLD)	ROSA BUS BE211	G-HY-045	3298	4	3	100	3, 2, 5	CIB, N, DVM	S / SGI, GCI, GCI
D4AF	K-1, MIGHT	G-HY-046		4	3	104	3, 2, 4	HK, N, DVM	S / SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
4 VD 14.5, 12-1 SRW	IFA W 50	G-IF-001	6560	4	3	120	3, 3, 5	CR, CTF, CHSL-B	GCI, GCI, GCI
4 VD 14,	Traktor zt 300, 303, 304, Mähderscher, Fortschritt 512, 514, IFA W 50, Industriemotor	G-IF-002	6560	4	3	120	3.5, 3.5, 5	CR, CTF, CHSL-B	GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
DD-66, DD-99, DD-132	Traktor D 214 S / DLD-2 / D 212 / Traktor D 320 S / D 322 / DED 3, Traktor D 430S / D 432 / D 440 / DGD 4	G-IH-001	1088 & 1631 & 2175	2, 3, 4	5	82.55	3 / 32", 3 / 32", 3 / 32", 3 / 16", 3 / 16"	CIB, CIB, CIB, BSOR, SOR	GCI, GCI, GCI, GCI, GCI
DD 74, DD 111, DU 11, DD 148, DD 148 D	Traktor D 217 S / F, D 219 Traktor D 323 / D 324 S / D 326, Mähdescher, D 8-62, Traktor D 436 S / D 438 S / DTD 5, 439	G-IH-002	1217 & 1825 & 2434	2, 3, 4	5	87.31	3 / 32", 3 / 32", 3 / 32", 3 / 16", 3 / 16"	CRIS, CTF, CTF, BSOR, SOR	GCI, GCI, GCI, GCI, GCI
BD 154	Traktor 238, 364, 384, 414, 424, 434, 444, 2424, 2444, 7000	G-IH-003	2520	4	5	88.9	3 / 32", 3 / 32", 3 / 32", 3 / 16", 3 / 16"	CRIB, CTF, CTF, BSOR, SOR	SGI, GCI, GCI, GCI, GCI
D 179, D 239, D 358	633, 684, 744, 3500, TD-8 II, 125B II, 1055, 520, 630, 640, 515, 630 W, 541, 943, Traktor 826, 886, 955, 956, 1046, 1056, 2826, 3288, 3414, Mähderscher 531, Excavator 3965 B, 1420, 3964 B, 3965 B, 3966 B, 3984	G-IH-004	2933 & 5860 & 3910	3, 4, 6	3	98.43	1 / 8", 3 / 32", 3 / 16"	CR, CIB, BPSL	GCI, GCI, GCI
D179, UD 179, D 239, D 358, DT 239, DT 358, DT 239, DT 358, D 155, D 155, D206, UD 206, D310, UD 310	240, 454, 464, 484, 523, 553, 633, 2400, 4500, 684, 744, 452, 3500, 182 013, TD-8 II, 609, 125B II, 1055, 520, 844, 630, 640, 515, 630, 541, 943, Traktor 826, 886, 955, 956, 1046, 1056, 2826, 3228, 3414, Mähdrescher 531, Excavator 3965 B, 1420, 3964 B, 3965 B, 3966 B, 3984, Traktor 856 XL, 530 A, 640 HD, 650, 1255, 1246, 953, Traktor D 353, D 383, D 423, D 433, XV 433, XE 433, SU 533, 2 WD, SU 533 4, WD, SU 5533 Wheel, Tractor 33V, XV 533, XE 533, 503 Payloade, Traktor D 258, D 584, D 554, D 644, D 645, E 733, V 733, D 884, 165 Crawler, 95 Cotton, 82 Cotton, 431 Combine, 431 Combine, 715 Combine, Traktor 711 SP, Hydro 86, D 686, D 786, D 946, D 955	G-IH-005	2933 & 3910 & 5860 & 3920 & 5867 & 3901 & 2540 & 3380 & 5070	3, 4, 6, 4, 6, 4, 3	3	98.43	1 / 8", 3 / 32", 3 / 16"	CRFK, CIB, CHSL-B	SGI, GCI, GCI

IHC / INFINITI TRUCK

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
D 268, D 402	Traktor 270Traktor 270 A, TD 8 C, 844 S, 845, 510 Payloader	G-IH-006	4388 & 6582	4, 6	3	100	1 / 8", 3 / 32", 3 / 16"	CRFK, NIB, CHSL-B	SGI, GCI, GCI
D 246	Traktor 784, 824 A, 844 A, Hydro 84	G-IH-007	4025	4	3	100	1 / 8", 3 / 32", 3 / 16"	CRIB, CTF, CHSL-B	GCI, GCI, GCI
DT 402	1455 Traktor, 650 HD Jumbo, 530 Payloader, 3994 Jumbo, 953 Combine	G-IH-008	6588	6	3	100	1 / 8", 1 / 8", 3 / 16"	CRFK, CRFK, CHSL-B	SGI, SGI, GCI
OHV, BD 264	Farmall B-450, BMD / BWD-6, BMD, BTD-6, U 264, B-450, BWD-6	G-IH-009	4325	4	5	101.6	3 / 32", 3 / 32", 3 / 32", 1 / 4", 1 / 4",	C, C, C, SOR, SOR	GCI, GCI, GCI, GCI, GCI
INFINITI TRUCK									
'VG33E' (1997-2000)	Nissan	G-IT-01	3275	6	3	91.5	1.5, 1.5, 2.8	CR, IBTF, 3POR	S, GCI, S

INTERNATIONAL INDUSTRIAL

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
	International Industrial	G-II-01		4	4	95.3	3 / 16", 3 / 16", 3 / 16", 3 / 16",	CRTF, TF, TF, 3POR	GCI, GCI, GCI, S
	C60 International	G-II-02	983	4	3	66.7	3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, SOR	GCI, GCI, GCI
	C113 International	G-II-03	1851	4	4	79.4	3 / 32", 1 / 8", 1 / 8", 1 / 4"	CR, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
	C113 International	G-II-04	1851	4	3	81	3 / 32", 3 / 32", 1 / 4"	IBTF, IBTF, 3POR	GCI, GCI, S
	C113 International	G-II-05	1851	4	4	76.2	1 / 8", 1 / 8", 1 / 8", 1 / 4"	IBTF, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
	C113 International	G-II-06	1851	4	4	76.2	1 / 8", 1 / 8", 1 / 8", 3 / 16"	IBTF, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
	C113 International	G-II-07	1851	4	4	79.4	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CR, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
	C113 International	G-II-08	1851	4	4	82.6	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
	C113 International	G-II-09	1851	4	3	79.4	3 / 32", 3 / 32", 1 / 4"	CR, IBTF, 3POR	GCI, GCI, S
	C113 International	G-II-10	1851	4	5	76.2	1 / 8", 1 / 8", 1 / 8", 1 / 8", 3 / 16"	TF, TF, TF, BSOR, SOR	GCI, GCI, GCI, GCI, GCI,
	C123 International	G-II-11	2015	4	3	82.6	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
	C123 International	G-II-12	2015	4	3	81	3 / 32", 3 / 32", 1 / 4"	IBTF, IBTF, 3POR	GCI, GCI, S
	C123 International	G-II-13	2015	4	3	79.4	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
	C123 International	G-II-14	2015	4	3	79.4	3 / 32", 3 / 32", 1 / 4"	CR, IBTF, 3POR	GCI, GCI, S
	C123 International	G-II-15	2015	4	4	82.6	3 / 32", 3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
	C135 International	G-II-16	2212	4	3	82.6	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
	C152 International	G-II-17	2490	4	3	85.7	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
	C152 International	G-II-18	2490	4	4	87.3	3 / 32", 3 / 32", 1 / 8", 1 / 4"	CR, IBTF, TF, BSOR	GCI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
	C152 International	G-II-19	2490	4	4	87.3	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, BSOR	GCI, GCI, GCI, GCI
	C152 International	G-II-20	2490	4	4	85.7	1 / 8", 5 / 32", 5 / 32", 1 / 4"	CRTF, IBTF, IBTF, SOR	GCI, GCI, GCI, GCI
	C152 International	G-II-21	2490	4	5	87.3	3 / 32", 3 / 32", 3 / 32", 3 / 16", 3 / 16"	CR, IBTF, IBTF, 3POR, SOR	GCI, GCI, GCI, S, GCI
	C152 International	G-II-22	2490	4	4	85.7	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBFT, IBTF, SOR	GCI, GCI, GCI, GCI
	C164 International	G-II-23	2687	4	4	88.9	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, SOR	GCI, GCI, GCI, GCI
	C164 International KEROSENE	G-II-24	2687	4	4	90.5	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, BSOR	GCI, GCI, GCI, GCI
	D166 International DIESEL	G-II-25	2720	4	3	93.7	1 / 8", 1 / 8", 1 / 4"	CR, TF, CHSL-B	SGI, GCI, GCI
	C169 International	G-II-26	2769	4	4	92.1	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CRIB, IBTF, IBTF, 3POR	GCI, GCI, S
	C169 International	G-II-27	2769	4	4	90.5	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, BSOR	GCI, GCI, GCI, GCI
	C175 - Late International	G-II-28	2867	4	4	92.1	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CRIB, IBTF, IBTF, 3POR	GCI, GCI, S
	C175 - Late International	G-II-29	2867	4	3	90.5	3 / 32", 3 / 32", 1 / 4"	CR, IBTF, BSOR	GCI, GCI, GCI
	C200 International	G-II-30	3277	4	3	96.8	1 / 8", 3 / 32", 1 / 4"	CRTF, IBTF, CHSL-B	GCI, GCI, GCI
	BD220 International	G-II-31	3605	6	3	90.5	3 / 32", 1 / 8", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
	C221 International	G-II-32	3621	6	3	90.5	3 / 32", 3 / 32", 1 / 4"	CR, IBTF, BSOR	GCI, GCI, GCI
	D236 International DIESEL	G-II-33	3867	6	3	93.7	1 / 8", 1 / 8", 1 / 4"	CR, TF, CHSL-B	SGI, GCI, GCI
	BD240 International	G-II-34	3933	6	4	90.5	3 / 32", 1 / 8", 1 / 8", 3 / 16"	IBTF, TF, TF, 3POR	GCI, GCI, GCI, S
	C248 International	G-II-35	4067	4	4	101.6	3 / 32", 1 / 8", 1 / 8", 1 / 4"	CR, IBTF, TF, SOR	GCI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
	C248 International	G-II-36	4067	4	4	101.6	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CRIB, IBTF, IBTF, SOR	GCI, GCI, GCI, GCI
	C248 International	G-II-37	4067	4	4	98.4	1 / 8", 5 / 32", 5 / 32", 1 / 4"	CRTF, TF, TF, SOR	GCI, GCI, GCI, GCI
	C248 International	G-II-38	4067	4	4	101.6	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, SOR	GCI, GCI, GCI, GCI
	C248 International	G-II-39	4067	4	5	101.6	3 / 32", 3 / 32", 3 / 32", 1 / 4", 1 / 4"	CR, IBTF, IBTF, SOR, DBSOR	GCI, GCI, GCI, GCI, GCI
	C248 International	G-II-40	4067	4	4	98.4	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, SOR	GCI, GCI, GCI, GCI
	C263 International	G-II-41	4309	6	3	90.5	3 / 32", 3 / 32", 1 / 4"	CR, IBTF, BSOR	GCI, GCI, GCI
	C264 International	G-II-42	4326	4	4	104.8	3 / 32", 1 / 8", 1 / 8", 3 / 16"	CR, IBTF, IBTF, SOR	GCI, GCI, GCI, GCI
	C264 International	G-II-43	4326	4	4	104.8	3 / 32", 3 / 32", 1 / 8", 1 / 4"	CR, IBTF, TF, CHSL-B	GCI, GCI, GCI, GCI
	C264 International	G-II-44	4326	4	4	104.8	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, CHSL-B	GCI, GCI, GCI, GCI
	C264 International	G-II-45	4326	4	4	101.6	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CRIB, IBTF, IBTF, SOR	GCI, GCI, GCI, GCI
	C264 International	G-II-46	4326	4	4	101.6	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, SOR	GCI, GCI, GCI, GCI
	C264 International	G-II-47	4326	4	5	101.6	3 / 32", 3 / 32", 3 / 32", 1 / 4", 1 / 4"	CR, IBTF, IBTF, SOR, DBSOR	GCI, GCI, GCI, GCI, GCI
	BD264 International	G-II-48	4326	6	3	93.7	3 / 32", 1 / 8", 1 / 8", 3 / 16"	CR, TF, 3POR	GCI, GCI, S
	C281 International	G-II-49	4604	4	4	104.8	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, CHSL-B	GCI, GCI, GCI, GCI
	D282 International DIESEL	G-II-50	4621	6	3	93.7	1 / 8", 1 / 8", 1 / 4"	CR, TF, CHSL-B	SGI, GCI, GCI

INTERNATIONAL INDUSTRIAL

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
	T40 International	G-II-51	4883	6	4	95.3	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRTF, TF, TF, SOR	GCI, GCI, GCI, S
	C301 International FLEX	G-II-52	4932	6	3	96.8	1 / 8", 3 / 32", 1 / 4"	CRTF, IBTF, CHSL-B	GCI, GCI, GCI
	D350 International DIESEL	G-II-53	5735	4	3	117.5	3 / 32", 1 / 8", 1 / 4"	CR, TF, CHSL-B	SGI, GCI, GCI
	D360 International DIESEL	G-II-54	5899	6	3	98.4	1 / 8", 3 / 32", 3 / 16"	CRFKIS, CRTFIB, CHSL-B	SGI, SGI, GCI
	DT361 International DIESEL	G-II-55	5915	6	3	104.8	1 / 8", 3 / 32", 1 / 4"	CRFKIS, IBTF, CHSL-B	SGI, GCI, GCI
	V401 International	G-II-56	6571	8	3	104.8	3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, CHSL-B	GCI, GCI, GCI
	DT429 DIESEL	G-II-57	7030	6	4	114.3	1 / 8", 3 / 32", 3 / 32", 1 / 4"	CRFK, IBTF, IBTF, CHSL-B	SGI, GCI, GCI, GCI
	V461 International	G-II-58	7554	8	3	104.8	3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, CHSL-B	GCI, GCI, GCI
	478 CID (7.8L) V478 International	G-II-59	7833	8	3	114.3	3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, CHSL-B	GCI, GCI, GCI
	9.0L) V549 International	G-II-60	8996	8	3	114.3	3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, CHSL-B	GCI, GCI, GCI
	DVT573B International DIESEL	G-II-61	9389	8	3	114.3	1 / 8", 3 / 32", 1 / 4"	CRFK, CRFK, CHSL-B	SGI, SGI, GCI
	DT573 International DIESEL	G-II-62	9389	8	4	114.3	1 / 8", 3 / 32", 3 / 32", 1 / 4"	CRFK, IBTF, IBTF, CHSL-B	SGI, GCI, GCI, GCI
	DT817, DTI817B International DIESEL	G-II-63	13388	6	3	136.5	1 / 8", 1 / 8", 1 / 4"	CRFKIS, CRHK, CHSL-B	SGI, SGI, GCI

INTERNATIONAL TRACTOR

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
	C60 International	G-INT-01	983	4	3	66.7	3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, SOR	GCI, GCI, GCI
	C113 International	G-INT-02	1851	4	4	79.4	3 / 32", 1 / 8", 1 / 8", 1 / 4"	CR, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
	C113 International	G-INT-03	1851	4	3	81	3 / 32", 3 / 32", 1 / 4"	IBTF, IBTF, 3POR	GCI, GCI, S
	C113 International	G-INT-04	1851	4	4	76.2	1 / 8", 1 / 8", 1 / 8", 1 / 4"	IBTF, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
	C113 International	G-INT-05	1851	4	4	76.2	1 / 8", 1 / 8", 1 / 8", 3 / 16"	IBTF, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
	C113 International	G-INT-06	1851	4	4	79.4	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CR, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
	C113 International	G-INT-07	1851	4	4	82.6	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
	C113 International	G-INT-08	1851	4	3	79.4	3 / 32", 3 / 32", 1 / 4"	CR, IBTF, 3POR	GCI, GCI, S
	C113 International	G-INT-09	1851	4	5	76.2	1 / 8", 1 / 8", 1 / 8", 1 / 8", 3 / 16"	TF, TF, TF, BSOR, SOR	GCI, GCI, GCI, GCI, GCI,
	C123 International	G-INT-10	2015	4	3	82.6	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
	C123 International	G-INT-11	2015	4	3	81	3 / 32", 3 / 32", 1 / 4"	IBTF, IBTF, 3POR	GCI, GCI, S
	C123 International	G-INT-12	2015	4	3	79.4	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
	C123 International	G-INT-13	2015	4	3	79.4	3 / 32", 3 / 32", 1 / 4"	CR, IBTF, 3POR	GCI, GCI, S
	C123 International	G-INT-14	2015	4	4	82.6	3 / 32", 3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
	C135 International	G-INT-15	2212	4	3	82.6	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
	BC144, BD144 International DIESEL	G-INT-16	2359	4	5	85.7	3 / 32", 3 / 32", 3 / 32", 3 / 16", 3 / 16"	CR, IBTF, IBTF, 3POR	GCI, GCI, GCI, S, GCI
	C146 International FLEX	G-INT-17	2392	4	3	85.7	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
	C152 International	G-INT-18	2490	4	3	85.7	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
	C152 International	G-INT-19	2490	4	4	87.3	3 / 32", 3 / 32", 1 / 8", 1 / 4"	CR, IBTF, TF, BSOR	GCI, GCI, GCI, GCI
	C152 International	G-INT-20	2490	4	4	87.3	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, BSOR	GCI, GCI, GCI, GCI
	C152 International	G-INT-21	2490	4	4	85.7	1 / 8", 5 / 32", 5 / 32", 1 / 4"	CRTF, IBTF, IBTF, SOR	GCI, GCI, GCI, GCI
	C152 International	G-INT-22	2490	4	5	87.3	3 / 32", 3 / 32", 3 / 32", 3 / 16", 3 / 16"	CR, IBTF, IBTF, 3POR, SOR	GCI, GCI, GCI, S, GCI
	C152 International	G-INT-23	2490	4	4	85.7	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBFT, IBTF, SOR	GCI, GCI, GCI, GCI
	C153 International FLEX	G-INT-24	2507	4	3	85.7	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
	C153 International FLEX	G-INT-25	2507	4	4	85.7	1 / 8", 5 / 32", 5 / 32", 1 / 4"	CRTF, IBTF, IBTF, SOR	GCI, GCI, GCI, GCI
	BD154 International DIESEL	G-INT-26	2523	4	5	88.9	3 / 32", 3 / 32", 3 / 32", 3 / 16", 3 / 16"	CR, IBTF, IBTF, 3POR, SOR	SGI, GCI, GCI, S, GCI
	D155 International DIESEL	G-INT-27	2540	3	3	98.4	1 / 8", 3 / 32", 3 / 16"	CRFKIS, CRTFIB, CHSL-B	SGI, SGI, GCI
	C164 International	G-INT-28	2687	4	4	88.9	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, SOR	GCI, GCI, GCI, GCI
	C164 International KEROSENE	G-INT-29	2687	4	4	90.5	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, BSOR	GCI, GCI, GCI, GCI
	D166 International DIESEL	G-INT-30	2720	4	3	93.7	1 / 8", 1 / 8", 1 / 4"	CR, TF, CHSL-B	SGI, GCI, GCI
	C169 International	G-INT-31	2769	4	4	92.1	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CRIB, IBTF, IBTF, 3POR	GCI, GCI, S
	C169 International	G-INT-32	2769	4	4	90.5	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, BSOR	GCI, GCI, GCI, GCI
	C175 - Late International	G-INT-33	2867	4	4	92.1	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CRIB, IBTF, IBTF, 3POR	GCI, GCI, S
	C175 - Late International	G-INT-34	2867	4	3	90.5	3 / 32", 3 / 32", 1 / 4"	CR, IBTF, BSOR	GCI, GCI, GCI

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Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
	C175 - Early International	G-INT-35	2867	4	3	90.5	3 / 32", 3 / 32", 1 / 4"	CR, IBTF, BSOR	GCI, GCI, GCI
	C175 - Early International	G-INT-36	2867	4	4	92.1	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CRIB, IBTF, IBTF, 3POR	GCI, GCI, S
	C175 - Late International	G-INT-37	2867	4	4	92.1	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CRIB, IBTF, IBTF, 3POR	GCI, GCI, S
	D179 DIESEL	G-INT-38	2933	3	3	98.4	1 / 8", 3 / 32", 3 / 16"	CRFKIS, CRTFIB, CHSL-B	SGI, SGI, GCI
	D179 DIESEL	G-INT-39	2933	3	3	98.4	1 / 8", 3 / 32", 3 / 16"	CR, CRTFIB, CHSL-B	SGI, SGI, GCI
	D179 DIESEL	G-INT-40	2933	3	3	98.4	1 / 8", 3 / 32", 1 / 4"	CR, IBTF, CHSL-B	SGI, GCI, GCI
	D188 International DIESEL	G-INT-41	3080	4	3	93.7	1 / 8", 1 / 8", 1 / 4"	CR, TF, CHSL-B	SGI, GCI, GCI
	C200 International	G-INT-42	3277	4	3	96.8	1 / 8", 3 / 32", 1 / 4"	CRTF, IBTF, CHSL-B	GCI, GCI, GCI
	206 CID (3.4L) D206 International	G-INT-43	3375	4	3	98.4	1 / 8", 3 / 32", 3 / 16"	CRFKIS, CRTFIB, CHSL-B	SGI, SGI, GCI
	221 International	G-INT-44	3621	4	3	90.5	3 / 32", 3 / 32", 1 / 4"	CR, IBTF, BSOR	GCI, GCI, GCI
	F20 International	G-INT-45	3621	4	4	95.3	3 / 16", 3 / 16", 3 / 16", 3 / 16",	CRTF, TF, TF, 3POR	GCI, GCI, GCI, S
	F20 International	G-INT-46	3621	4	4	101.6	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, SOR	GCI, GCI, GCI, GCI
	F20 International	G-INT-47	3621	4	5	101.6	3 / 32", 3 / 32", 3 / 32", 1 / 4", 1 / 4"	CR, IBTF, IBTF, SOR, DBSOR	GCI, GCI, GCI, GCI, GCI
	C221 International	G-INT-48	3621	6	3	90.5	3 / 32", 3 / 32", 1 / 4"	CR, IBTF, BSOR	GCI, GCI, GCI
	D236 International DIESEL	G-INT-49	3867	6	3	93.7	1 / 8", 1 / 8", 1 / 4"	CR, TF, CHSL-B	SGI, GCI, GCI
	D239 International DIESEL	G-INT-50	3916	4	4	98.4	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRFKIS, TF, TF, CHSL-B	SGI, GCI, GCI, GCI
	D239 International DIESEL	G-INT-51	3916	4	3	98.4	1 / 8", 3 / 32", 3 / 16"	CR, CRTFIB, CHSL-B	SGI, SGI, GCI
	DT239 International DIESEL	G-INT-52	3916	4	3	98.4	1 / 8", 3 / 32", 3 / 16"	CRFKIS, CRTFIB, CHSL-B	SGI, SGI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
	DT239 International DIESEL	G-INT-53	3916	4	3	98.4	1 / 8", 3 / 32", 3 / 16"	CRFKIS, CRTFIB, CHSL-B	SGI, SGI, GCI
	BD240, C240 International	G-INT-54	3932	6	3	90.5	3 / 32", 1 / 8", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
	C248 International	G-INT-55	4067	4	4	101.6	3 / 32", 1 / 8", 1 / 8", 1 / 4"	CR, IBTF, TF, SOR	GCI, GCI, GCI, GCI
	C248 International	G-INT-56	4067	4	4	101.6	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CRIB, IBTF, IBTF, SOR	GCI, GCI, GCI, GCI
	C248 International	G-INT-57	4067	4	4	98.4	1 / 8", 5 / 32", 5 / 32", 1 / 4"	CRTF, TF, TF, SOR	GCI, GCI, GCI, GCI
	C248 International	G-INT-58	4067	4	4	101.6	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, SOR	GCI, GCI, GCI, GCI
	C248 International	G-INT-59	4067	4	5	101.6	3 / 32", 3 / 32", 3 / 32", 1 / 4", 1 / 4"	CR, IBTF, IBTF, SOR, DBSOR	GCI, GCI, GCI, GCI, GCI
	C248 International	G-INT-60	4067	4	4	98.4	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, SOR	GCI, GCI, GCI, GCI
	C263 International	G-INT-61	4309	6	3	90.5	3 / 32", 3 / 32", 1 / 4"	CR, IBTF, BSOR	GCI, GCI, GCI
	C264 International KEROSENE, DISTILLATE	G-INT-62	4326	4	4	101.6	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CRIB, IBTF, IBTF, SOR	GCI, GCI, GCI, GCI
	C264 International	G-INT-63	4326	4	4	104.8	3 / 32", 1 / 8", 1 / 8", 3 / 16"	CR, IBTF, IBTF, SOR	GCI, GCI, GCI, GCI
	C264 International	G-INT-64	4326	4	4	104.8	3 / 32", 3 / 32", 1 / 8", 1 / 4"	CR, IBTF, TF, CHSL-B	GCI, GCI, GCI, GCI
	C264 International LPG, GASOLINE	G-INT-65	4326	4	4	101.6	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, SOR	GCI, GCI, GCI, GCI
	C264 International	G-INT-66	4326	4	4	104.8	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, CHSL-B	GCI, GCI, GCI, GCI
	C264 International	G-INT-67	4326	4	5	101.6	3 / 32", 3 / 32", 3 / 32", 1 / 4", 1 / 4"	CR, IBTF, IBTF, SOR, DBSOR	GCI, GCI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
	BD264 International	G-INT-68	4326	6	3	93.7	3 / 32", 1 / 8", 1 / 8", 3 / 16"	CR, TF, 3POR	GCI, GCI, S
	C281 International	G-INT-69	4604	4	4	104.8	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, IBTF, IBTF, CHSL-B	GCI, GCI, GCI, GCI
	D282, DT282 International DIESEL	G-INT-70	4621	6	3	93.7	1 / 8", 1 / 8", 1 / 4"	CR, TF, CHSL-B	SGI, GCI, GCI
	C291 International	G-INT-71	4768	6	3	95.3	1 / 8", 3 / 32", 1 / 4"	CR, IBTF, CHSL-B	GCI, GCI, GCI
	D301 International DIESEL	G-INT-72	4932	6	3	96.8	1 / 8", 3 / 32", 1 / 4"	CRTF, IBTF, CHSL-B	GCI, GCI, GCI
	4.9L) C301 International FLEX	G-INT-73	4932	6	3	96.8	1 / 8", 3 / 32", 1 / 4"	CRTF, IBTF, CHSL-B	GCI, GCI, GCI
	D310 International DIESEL	G-INT-74	5079	6	4	98.4	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRFKIS, TF, TF, CHSL-B	SGI, GCI, GCI, GCI
	D310 International DIESEL	G-INT-75	5079	6	3	98.4	1 / 8", 3 / 32", 3 / 16"	CRFKIS, CRTFIB, CHSL-B	SGI, SGI, GCI
	D310 International DIESEL	G-INT-76	5079	6	3	98.4	1 / 8", 3 / 32", 3 / 16"	CR, CRTFIB, CHSL-B	SGI, SGI, GCI
	D312 International DIESEL	G-INT-77	5112	6	3	98.4	1 / 8", 3 / 32", 3 / 16"	CRFKIS, CRTFIB, CHSL-B	SGI, SGI, GCI
	D350 International DIESEL	G-INT-78	5735	4	3	117.5	3 / 32", 1 / 8", 1 / 4"	CR, TF, CHSL-B	SGI, GCI, GCI
	D358 International DIESEL	G-INT-79	5866	6	3	98.4	1 / 8", 3 / 32", 3 / 16"	CR, CRTFIB, CHSL-B	SGI, SGI, GCI
	International DIESEL	G-INT-80	5899	6	3	98.4	1 / 8", 3 / 32", 3 / 16"	CRFKIS, CRTFIB, CHSL-B	SGI, SGI, GCI
	D361, DT361 International DIESEL	G-INT-81	5915	6	3	104.8	1 / 8", 3 / 32", 1 / 4"	CRFKIS, IBTF, CHSL-B	SGI, GCI, GCI
	C372 International	G-INT-82	6096	6	3	111.1	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, DBSOR	GCI, GCI, GCI
	D407, DT407 International DIESEL	G-INT-83	6669	6	3	109.7	1 / 8", 3 / 32", 1 / 4"	CRFK, IBTF, CHSL-B	SGI, GCI, GCI
	DT414 International DIESEL	G-INT-84	6784	6	3	109.2	1 / 8", 1 / 8", 1 / 4"	CRFKIS, CRHK, CHSL-B	SGI, SGI, GCI
	D414 International DIESEL	G-INT-85	6784	6	3	109.2	1 / 8", 3 / 32", 1 / 8"	CRFK, CRIS, CHSL-B	SGI, SGI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
	DT414B International DIESEL	G-INT-86	6784	6	3	109.2	1 / 8", 1 / 8", 1 / 4"	CRFK, CRHK, CHSL-B	SGI, SGI, GCI
	DT429 International DIESEL	G-INT-87	7030	6	4	114.3	1 / 8", 3 / 32", 3 / 32", 1 / 4"	CRFK, IBTF, IBTF, CHSL-B	SGI, GCI, GCI, GCI
	D436 International DIESEL	G-INT-88	7144	6	3	109.2	1 / 8", 3 / 32", 1 / 8"	CRFK, CRIS, CHSL-B	SGI, SGI, GCI
	DT436B International DIESEL	G-INT-89	7144	6	3	109.2	1 / 8", 1 / 8", 1 / 4"	CRFK, CRHK, CHSL-B	SGI, SGI, GCI
	DT436 International DIESEL	G-INT-90	7144	6	3	109.2	1 / 8", 1 / 8", 1 / 4"	CRFKIS, CRHK, CHSL-B	SGI, SGI, GCI
	DT436 International DIESEL	G-INT-91	7144	6	3	109.2	1 / 8", 1 / 8", 1 / 4"	CRFKIS, CRHK, CHSL-B	SGI, SGI, GCI
	DT466 International DIESEL	G-INT-92	7636	6	3	109.2	1 / 8", 1 / 8", 1 / 4"	CRFK, CRHK, CHSL-B	SGI, SGI, GCI
	DT466 International DIESEL	G-INT-93	7636	6	3	109.2	1 / 8", 1 / 8", 1 / 4"	CRFKIS, CRHK, CHSL-B	SGI, SGI, GCI
	D466 International DIESEL	G-INT-94	7636	6	3	109.2	1 / 8", 3 / 32", 1 / 8"	CRFK, CRIS, CHSL-B	SGI, SGI, GCI
	DT466B, DT466C, DTA466C, DTI466C International DIESEL	G-INT-95	7636	6	4	109.2	3, 3 / 32", 3 / 32", 1 / 4"	CRFK, IBTF, IBTF, CHSL-B	SGI, GCI, GCI, GCI
	DT573 International DIESEL	G-INT-96	9389	8	4	114.3	1 / 8", 3 / 32", 3 / 32", 1 / 4"	CRFK, IBTF, IBTF, CHSL-B	SGI, GCI, GCI, GCI
	DVT573B, DVTI573B International DIESEL	G-INT-97	9389	8	3	114.3	1 / 8", 3 / 32", 1 / 4"	CRFK, CRFK, CHSL-B	SGI, SGI, GCI
	HR600, NH600 Cummins DIESEL	G-INT-98	12175	6	4	130.2	5 / 32", 5 / 32", 5 / 32", 1 / 4"	CRFKIS, FKIS, FKIS, CHSL-B	SGI, GCI, GCI, GCI
	DT817, DTI817, DTI817B, DTI817C International DIESEL	G-INT-99	13388	6	3	136.5	1 / 8", 1 / 8", 1 / 4"	CRFKIS, CRHK, CHSL-B	SGI, SGI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
4XC1-H	Gemini	G-IS-001	1471	4	3	77	1.2, 1.2, 1.8	CR, C, TPOR	SGI, GCI, S
4XC1	JT151F	G-IS-002	1471	4	2	77	1.5, 2.8	CR, TPOR	GCI, S
G 150	Bellet, PR 20, PR 40, Elf 1500	G-IS-003	1500	4	3	79	2, 2, 4	CR, C, TPOR	GCI, GCI, S
G 161A, G161Z, G161AB	Florian 1600, Elf, Foster, PA20V, KA41V, 51V	G-IS-004	1584	4	3	82	2, 2, 4	CR, C, TPOR	GCI, GCI, S
G161	PF 50	G-IS-005	1584	4	3	82	1.5, 1.5, 4	CR, C, TPOR	GCI, GCI, S
G 161Z	PF50	G-IS-006	1584	4	3	82	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
G161W	117 Coupe	G-IS-007	1584	4	3	82	2, 2, 4	CR, C, CHSL-B	GCI, GCI, GCI
GL201	Truck, TLG21VC, TLG30, TLG30V, TLG50, Elf TLG11, TLG11V, TLG21, TLG60, TLG60D, Elfin TKG11, TKG11W, Bus, BLG11, GLG20, TLG21B	G-IS-008	1991	4	4	83	2, 2, 2, 4	CR, C, N, TPOR	GCI, GCI, GCI, S
DL201		G-IS-009		4	5	83	2, 2, 2, 4, 4	CR, C, N, CHSL-B, SOR	GCI, GCI, GCI, GCI, GCI
G180Z		G-IS-010	1817	4	3	84	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
G 180	Florian 1800, Bellet 1800, 117 Coupe, PR 60, PR 95	G-IS-011	1818	4	3	84	2, 2, 4	CR, C, TPOR	GCI, GCI, S
4ZB1	WFR11	G-IS-012	1817	4	3	84	1.5, 1.5, 4	CR, C, TPOR	SGI, GCI, SGI
4ZB1	WFR11	G-IS-013	1817	4	3	84	1.5, 1.5, 4	CR, C, TPOR	SGI, GCI, SGI
G190		G-IS-014		4	4	85	3, 3, 3, 4	CR, C, N, TPOR	GCI, GCI, GCI, S
G 201	Bus, BLG22, 22B, Truck, TLG12, 22, 32, 42, 52, 62, KVG20, 20VF, For Agricultural Machine	G-IS-015	1951	4	3	86	2.5, 2.5, 4	CR, C, TPOR	GCI, GCI, S
G 200Z	117 Coupe, PA 96	G-IS-016	2000	4	3	87	2, 2, 4	CR, C, TPOR	GCI, GCI, S
G 200ZN	KB23, 28, 43, 48	G-IS-017	2000	4	3	87	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
4ZC1	Aska	G-IS-018	1994	4	3	88	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
4ZD-1EXP	KGB29, 44, 49, TFR 16, TFS 16	G-IS-019	2254	4	3	89.3	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
4ZE1	TFR17, TFS17	G-IS-020	2600	4	3	92.6	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
GVD1	BIG HONE, UBS25GW	G-IS-021	3165	6	3	93.4	1.5, 1.5, 3.9	CR, C, TPOR	S, GCI, S
3KA1, 3KB1	For Industrial Machine	G-IS-022	877	3	3	70	2, 1.5, 3.5	CR, C, CHSL-B	SGI, GCI, GCI
3KC1	For Industrial Machine	G-IS-023		3	3	74	2, 1.5, 3	CR, C, CHSL-B	SGI, GCI, GCI
4EC1	Gemini Diesel JT6000	G-IS-024	1487	4	3	76	2, 1.5, 3	CR, C, CHSL-B	SGI, GCI, SGI
4EC1	Gemini FF	G-IS-025	1487	4	3	76	2, 1.5, 3	CR, CR, STOR	SGI, GCI, S
4FE1	Gemini FF	G-IS-026	1487	4	3	76.3	2, 2, 4	CR, C, CHSL-B	SGI, GCI, GCI
3AE1		G-IS-027		3	3	80	2, 2, 4	CR, C, CHSL-B	GCI, GCI, GCI
C220	ELF, TLD11, TLD11D, TLD11V, TLD11D, TLD11V, TLD21, TLD31V, TLD21W, TLD60, ELFIN, TKD11, TKD11V, TKD11W, TLD21VC, TLD30, TLD30V, TLD50, Bus, BLD11, BLD22, BLD11B, BLD21B	G-IS-028	2200	4	5	83	2, 2, 2, 4, 4	CR, C, N, CHSL-B, SOR	GCI, GCI, GCI, GCI, GCI
C221, C201, C201P (PT)	TLD22V, TLD22, TLD22W, TLD32, TLD22VF, TLD52, TLD62, Bus, BLD22	G-IS-029	2200	4	5	83	2, 2, 2, 5, 5	CR, C, N, CHSL-B, SOR	GCI, GCI, GCI, GCI, GCI
4FB1, 4FC1	Gemini Diesel, PFD60, PFD60, Fargo, WFR 51	G-IS-030	1817	4	3	84	2.5, 2, 4	CR, C, CHSL-B	SGI, GCI, GCI
C240, C190	Elf, TDL13, 23, 23Z, 43, 53, 63, KVD20, 20VF, TLD23ZV, KAD51V, PAD30, PAD30V, KAD51ZV, KAD51NV, PAD96, KAD51NV, PAD96, KAD50NV, TLD23V, KAD41V, Truck, KAD41, 51, KUD20Z, TLD, TLD33, TLD23ZP, 23ZV, KAD52, 42, KBD40, 20, TCD23, KB40, 41, KBD20, 26, Bus, BLD24, KAD51ZB, KAD51, KAD52, KVD20	G-IS-031	2369	4	5	86	2, 2, 2, 5, 5	CR, C, N, CHSL-B, SOR	GCI, GCI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
C240, New, C190, New	Bus, BLD24, KAD51ZB, KAD51, KAD52, KVD20	G-IS-032	2369	4	4	86	2, 2, 2, 5	CR, C, N, CHSL-B	SGI, GCI, GCI, GCI
2AB1		G-IS-033	1184	2	4	86	2, 2, 2, 5	CR, C, N, CHSL-B	SGI, GCI, GCI, GCI
C240, New-New, C190, New-New	ELF 150, ELF250	G-IS-034	2369 & 1951	4	3	86	2.5, 2, 5	CR, C, CHSL-B	GCI, GCI, GCI
C190	Elf 150	G-IS-035	1951	4	3	86	2.5, 2, 5	CR, C, CHSL-B	SGI, GCI, GCI
C190G	Florian VAN	G-IS-036	1951	4	4	86	2, 2, 2, 5	CR, C, N, CHSL-B	GCI, GCI, GCI, GCI
C223	RODEO TFR52, BIGHORN TFS52, KRD22	G-IS-037	2238	4	3	88	2, 2, 4	CR, C, CHSL-B	GCI, GCI, GCI
C223	117 Coupe Diesel, TFS52, KRD22, TFR52	G-IS-038	2238	4	3	88	2.5, 2, 4.5	CR, C, CHSL-B	SGI, GCI, GCI
C223T	Truck TFR, Faster TFS, Hi Pack Van	G-IS-039	2238	4	3	88	2.5, 2, 4	CR, C, CHSL-B	GCI, GCI, GCI
4FD1	Rodio 83, Bighorn	G-IS-040	2189	4	3	88	2, 2, 4	CR, C, CHSL-B	SGI, GCI, GCI
4FG1	WFR 62	G-IS-041	2400	4	3	89.3	2, 2, 4	CR, C, CHSL-B	S, GCI, GCI
4JA-1, 4JB-1	KBD23, 28, TFR54, TFS54	G-IS-042	2499 & 2771	4	3	93	2, 2, 4	CR, C, CHSL-B	GCI, GCI, GCI
4JG2	TC-1C, O-UBS69GW	G-IS-043	3059	4	3	95.5	2.5, 2, 4	CR, CR, STOR	GCI, GCI, S
C330	ELF, KS	G-IS-044	3318	4	3	98	3, 2.5, 5	CR, C, CHSL-B	GCI, GCI, GCI
D500	Forward, TF, BY	G-IS-045	4978	6	3	98	3, 2.5, 5	CR, C, CHSL-B	GCI, GCI, GCI
4BA1	Elf, Truck, TLD64, KS11, 21, 31, TLD64D, 34, 44, 54, 24, TLD23	G-IS-046	2775	4	3	98	3, 2.5, 5	CR, C, CHSL-B	GCI, GCI, GCI
DA120, OLD	Truck, TX552, 552-T, TX551, 551-T, TX542, 542-D, 542-T.TX541, 541-D, 541-T, TS543, 543-D, TW542, 542D, TS540, TXD50, TSD40	G-IS-047	6126	6	5	100	2.5, 2.5, 2.5, 4, 4	CR, C, N, CHSL-B, SOR	SGI, GCI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
DA220, OLD	For Industrial Machine	G-IS-048	4084	4	5	100	2.5, 2.5, 2.5, 4, 4	CR, C, N, CHSL-B, SOR	SGI, GCI, GCI, GCI, GCI
DA120-New	Bus, BA341P, 343, 351, 541, 543, 551, BB341, 351, BX352, 531, For Industrial Machine	G-IS-049	6126	6	4	100	2.5, 2.5, 2.5, 5	CR, C, N, CHSL-B	SGI, GCI, GCI, GCI
DA220-New	For Industrial Machine	G-IS-050	4084	4	4	100	2.5, 2.5, 2.5, 5	CR, C, N, CHSL-B	SGI, GCI, GCI, GCI
GD 150		G-IS-051		6	3	100	2.5, 2.5, 5	CR, C, CHSL-B	GCI, GCI, GCI
DA640-Old	Truck, TXD70E, TXD80E, Bus BA01, BA05, BA10, BA10P, BA20, BA20P, BS20, BF20	G-IS-052	6373	6	5	102	2.5, 2.5, 2.5, 4, 4	CR, C, N, CHSL-B, SOR	SGI, GCI, GCI, GCI, GCI
DA640, NEW, DA640PP	Truck TXD13, 23, 53, 60, SFR320, 420, 460, 500, 600, TSD43, TWD23, Bus, BA20, 20P, BF30	G-IS-053	6373	6	4	102	2.5, 2.5, 2.5, 5	CR, C, N, CHSL-B	SGI, GCI, GCI, GCI
DA640S	Truck, TXD13, 23, 53, 60, SFR320, 420, 460, 500, 600, TSD43, TWD23, Bus, BA20, 20P, BF30	G-IS-054	6373	6	4	102	2.5, 2.5, 2.5, 5	CR, C, N, CHSL-B	SGI, GCI, GCI, GCI
DA640S	Truck, TXD13, 23, 53, 60, SFR320, 420, 460, 500, 600, TSD43, TWD23, Bus, BA20, 20P, BF30	G-IS-055	6373	6	4	102	3.5, 2.5, 2.5, 5	CRFK, C, N, CHSL-B	GCI, GCI, GCI, GCI
DA640S	Fork Lift	G-IS-056	6373	6	4	102	3.5, 2.5, 2.5, 5	CRFK, C, N, CHSL-B	GCI, GCI, GCI, GCI
4BB1, 4BD1	Elf, Truck, KS11, 21, 31, KS121D, KA31	G-IS-057	3595 & 3856	4	3	102	3, 2.5, 5	CR, C, CHSL-B	GCI, GCI, GCI
GBD1, GBB1	Forward Truck, SBR320, 380, 430450, 500, 560, 400, YBR360, 310, SBR320D, 380D, 422, 322, 482, 552, FBR370, JBR, TLD23ZPO	G-IS-058	5393	6	3	102	3, 2.5, 5	CR, C, CHSL-B	GCI, GCI, GCI
GBD1, MT	JCR360, JCR420, JCR480, JCR500	G-IS-059	5785	6	3	102	3.5, 2.5, 5	CRFK, C, CHSL-B	GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
4BC1	TRD46, 56, KT15, 25, 35, 45, NKR57, NPR57	G-IS-060	3268	4	3	102	3, 2.5, 5	CR, C, CHSL-B	GCI, GCI, GCI
4BE1	Elf, NPR58	G-IS-061	3636	4	3	105	3, 2.5, 5	CR, C, CHSL-B	GCI, GCI, GCI
4BG1	Elf	G-IS-062	4329	4	3	105	3, 2.5, 4	CR, C, CHSL-B	GCI, GCI, SGI
GBF1	Forward, SDR370, SDR420, SDR422, SDR480, JDR460	G-IS-063	6130	6	3	105	3, 2.5, 5	CR, C, CHSL-B	GCI, GCI, GCI
GBG1-7C	Forward, Truck	G-IS-064	6494	6	3	105	3.5, 2.5, 4	CR, C, CHSL-B	GCI, GCI, SGI
GBG1	Forward, FRS12, FTR12	G-IS-065	6500	6	3	105	3, 2.5, 5	CR, C, CHSL-B	GCI, GCI, SGI
GBG1	Forward, FRS 12	G-IS-066	6494	6	3	105	3, 2.5, 4	CR, C, CHSL-B	GCI, GCI, SGI
4HE1	Elf, NPR	G-IS-067	4751	4	3	110	3, 2.5, 4	CRHK, CR, STOR	S, GCI, S
6HE1	Forward, Truck	G-IS-068	7127	6	3	110	3, 2.5, 4	CR, CR, STOR	SGI, GCI, S
4HF1	Elf, NPR	G-IS-069	4334	4	3	112	3, 2.5, 4	CR, CR, STOR	SGI, GCI, S
4HF1	Forward Truck	G-IS-070	4334	4	3	112	3, 2.5, 4	CRHK, CR, STOR	S, GCI, S
4HG1	Forward-Truck	G-IS-071	4334	4	3	112	3, 2.5, 4	CRHK, CR, STOR	S, GCI, S
8PA1	Truck, SKS390, SKW440, SKW520	G-IS-072	9971	8	3	115	3, 2.5, 6	CR, C, CHSL-B	SGI, SGI, GCI
10PA1	Truck, SRZ440, 441, 450, 451, 580, VRR290, SPZ450D, SRM450D, SRM710, 701, SPK710, SRM450, 650, 680, 710, SRG720R, 750, TMK67Z, VRZ440, SRK701, 710, SRM441, 451, 651, Bus, CRA 580, 650	G-IS-073	12464	10	3	115	3, 2.5, 6	CR, C, CHSL-B	SGI, SGI, GCI
12PA1	Truck, VRZ440, VTR290, VTZ440, VTR300	G-IS-074	14957	12	3	115	3, 2.5, 6	CR, C, CHSL-B	SGI, SGI, GCI
8PB1, 10PB1, 12PB1	Truck, SMR, SMK, CSA, SSZ, VSR, VSZ, VVE, VVZ	G-IS-075	11217 & 14022 & 16826	8, 10, 12	3	115	3, 2.5, 4	CR, C, CHSL-B	SGI, SGI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
GSA-T	Forward 200PS	G-IS-076	8413	6	3	115	3, 2.5, 4	CR, C, CHSL-B	SGI, SGI, GCI
GSD1-X		G-IS-077		6	3	117.9	3.5, 2.5, 5	CR, CR, STOR	SGI, SGI, S
10PC1	Truck Bus	G-IS-078	15014	10	3	119	3, 2.5, 4	CR, C, CHSL-B	SGI, GCI, GCI
10PC1-T	CXM10.75ton, Hi-Decker	G-IS-079	15014	10	3	119	4, 2.5, 4	CR, C, CHSL-B	SGI, SGI, SGI
DH100	Truck Bus, TD50, TD60, TD70, TD80, TD90, TD141, TD161	G-IS-080	10179	6	5	120	3, 3, 3, 6, 6	CR, C, N, CHSL-B, SOR	SGI, GCI, GCI, GCI, GCI
DH100, New	Truck, TD50, 62, 7, SLR350P400, 450, 520, SLR, 600, 670, 700, VRB290, SLR360, 400T, 401, Bus, BU04P, 10P, 15P, 20P, 35P, BU10, 20, 04, 20, 04, CLM500, BD40	G-IS-081	9839	6	3	120	3, 2.5, 5	CR, CR, STOR	SGI, SGI, S
GSD1TC	Truck, CXG23	G-IS-082	9839	6	3	120	3, 2.5, 5	CR, CR, STOR	SGI, SGI, S
GSD1TC	Forward (FRR13)CXG23	G-IS-083	9839	6	3	120	3.5, 2.5, 5	CR, CR, STOR	SGI, SGI, S
GQA1	Truck, Bus, TDJ50, TDJ72, TDJ78, CVR14, SJR361, DJR530, CJM470	G-IS-084	11044	6	3	125	3, 2.5, 6	CR, C, CHSL-B	SGI, GCI, GCI
D920	Truck, TD11E, 51, 51A, 51E, 61, 70, 71, 71E, 75E, 81E, 91E, Bus, BU04D, 10D, D15D, 20D, 35D, BU04DP, 110DP, 15DP	G-IS-085	9203	6	4	125	3, 3, 3, 6	CR, C, N, CHSL-B	SGI, GCI, GCI, GCI
D920-1	20DP, 35DP	G-IS-086	9203	6	3	125	3, 2.5, 6	CR, C, CHSL-B	SGI, GCI, GCI
E110	Truck, TM05E, 15E, 55ZED, 65, 65D, 65ZD, 85E, 95E, TG55E, 75D, Bus, BU 05E, 10E, 15E, 20E, Tractor, TD35E	G-IS-087	11044	6	4	125	3, 3, 3, 6	CR, C, N, CHSL-B	SGI, GCI, GCI, GCI
GWA1-7C	GIGA	G-IS-088	12068	6	4	132.9	4.306, 3, 3, 5	CRFK, C, N, CHSL-B	SGI, SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
E120	Truck, SPR520, SPG470D, SPG540, 650, 720, 580, TMK48Z, 67Z, 68, 78, SPM450D, 550, 650, 710, SPD440D, 450, 580, 480, 650, SPK650,, 710	G-IS-089	12023	6	4	135	4, 2.5, 2.5, 7	CR, C, N, CHSL-B	SGI, GCI, GCI, GCI
E120, NEW	Truck, VPR290, VPZ440, TDK46, VPZ490, SPM701, 710, SPZ, 451, Bus, 30KP, 35KP, BU4K, 10K, 15K, 20K, 35KBU04KP, 10KP, 15KP, 20KP, 35KP	G-IS-090	12023	6	3	135	4, 2.5, 7	CR, C, CHSL-B	SGI, GCI, GCI
GRA1, 2GRB1, 2	Truck, SHM, CXM	G-IS-091	1, 20, 23, 13, 741	6	3	135	4, 2.5, 5	CR, C, CHSL-B	SGI, GCI, GCI
GRBX	Truck, CXM10 75ton, L320PS	G-IS-092	13741	6	3	135	4, 2.5, 5	CR, C, CHSL-B	SGI, GCI, GCI
8MA1	Truck, SWG590, VWZ430, K, VWR340	G-IS-093	16513	8	3	145	4, 3, 6	CR, C, CHSL-B	SGI, SGI, GCI
4JB1, 4JB1-T, 4JA1,	Bighorn 2.8 D, Bighorn 2.8 TD, Campo 2.5 D, Fastar 2.8 D, Mu 2.8 D, Trooper 2.5 D, Trooper 2.8 D, Trooper 2.8 TD, Elf 150 2500, Elf 150 2800, Elf 250 2800, NHR 2.5 D, NKR 2.5 D, NKR 2.8 D	G-IS-01	2499 & 2771	4	3	93	2, 2, 4	C, NTF, BPSL	SGI, GCI, GCI
4 JX1T	Trooper 3.0 TDi 16V	G-IS-02	2999	4	3	95.4	2.45, 2, 4	CRFK (6°), CRRTFIB, BPSL	GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
(1945-1971), '4' (1967-1968), 'J' (1967-1968)	JEEP	G-J-01	2196	4	3	79.4	3 / 32" X 3 / 32" X 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
B [ED3]' (2009), 'W' (2007-2008)	Chrysler GEMA	G-J-02	2359	4	3	88	1.20 X 1.20 X 2	CR, N, 3POR	S, GCI, S
'1' (2002-2006)	Chrysler	G-J-03	2425	4	3	87.5	1.5 x 1.5 x 3	CR, IBTF, 3POR	S, GCI, S
'1' (2002-2006)	Chrysler	G-J-04	2425	4	3	87.5	1.20 x 1.5 x 3	CR, IBTF, 3POR	S, GCI, S
E' (1989-1990), 'H' (1986-1988), 'P' (1991-2002), 'U' (1983-1986)		G-J-05	2458	4	3	98.4	1.50 x 1.50 x 4	IBTF, RTFIB, 3POR	GCI, GCI, S
E' (1989-1990), 'H' (1986-1988), 'P' (1991-2002), 'U' (1983-1986)		G-J-06	2458	4	3	98.4	5 / 64" X 5 / 64" X 3.16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'B' (1980-1983)	General Motors Pontiac	G-J-07	2474	4	3	101.6	1 / 16" X 5 / 64" X 3 / 16"	CRIB, RIFIB, 3POR	SGI, GCI, S
'B' (1980-1983)	General Motors Pontiac	G-J-08	2474	4	3	101.6	1 / 16" X 5 / 64" X 3 / 16"	IBTF, IBTF, 3POR,	GCI, GCI, S
'B' (1980-1983)	General Motors Pontiac	G-J-09	2474	4	3	101.6	5 / 64" X 5 / 64" X 3.16"	IBTF, RTFIB, 3POR	GCI, GCI, S
'B' (1980-1983)	General Motors Pontiac	G-J-10	2474	4	3	101.6	5 / 64" X 5 / 64" X 3.16"	IBTF, RTFIB, 3POR	GCI, GCI, S
W' (1984-1986)	General Motors	G-J-11	2835	6	3	89	1.50 X 2 X 4.75	IBTF, RTFIB, 3POR	GCI, GCI, S
W' (1984-1986)	General Motors	G-J-12	2835	6	3	89	1.50 X 2 X 4.75	IBTF, RTFIB, 3POR	GCI, GCI, S
'-' (1966-1971)	General Motors Buick	G-J-13	3687	6	3	95.3	5 / 64" X 5 / 64" X 3.16"	CR, IBTF, 3POR	GCI, GCI, S
'-' (1966-1971	General Motors Buick	G-J-14	3687	6	3	95.3	5 / 64" X 5 / 64" X 3.16"	IBTF, RTFIB, 3POR	GCI, GCI, S
1954	HEAD 12V L6 3.313", Continental	G-J-15	3703	6	4	84.1	3 / 32", 3 / 32", 5 / 32", 5 / 32'	IBTF, IBTF, 3POR, SOR	GCI, GCI, S, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
1957-1966	12V L6 3.313", Continental	G-J-16	3703	6	4	84.1	3 / 32", 3 / 32", 5 / 32", 5 / 32'	IBTF, IBTF, 3POR, SOR	GCI, GCI, S, S
2002-2009	Chrysler Power-Tech	G-J-17	3703	6	3	93	1.5, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
2002-2009	Chrysler Power-Tech	G-J-18	3703	6	3	93	1.5, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
1965-1978	12V L6	G-J-19	3801	6	3	95.3	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1965-1978	12V L6	G-J-20	3801	6	3	95.3	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
1996-2006	12V L6	G-J-21	3965	6	3	98.4	1.5, 1.5, 4	IBTF, RTFIB, 3POR	GCI, GCI, S
1996-2006	12V L6	G-J-22	3965	6	3	98.4	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
1987-1995		G-J-23	3965	6	3	98.4	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
1971-1990		G-J-24	4228	6	3	95.3	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1971-1990		G-J-25	4228	6	3	95.3	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
2009	Chrysler Magnum	G-J-26	4703	8	3	93	1.5, 1.5, 3	CR, IBTF, 3POR	SGI, GCI, S
2002-2004	Chrysler Magnum HO	G-J-27	4703	8	3	93	1.5, 1.5, 3	CR, IBTF, 3POR	SGI, GCI, S
1999-2008	Chrysler Power-Tech	G-J-28	4703	8	3	93	1.5, 1.5, 3	CR, IBTF, 3POR	SGI, GCI, S
1971		G-J-29	4981	8	3	98.4	3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
1972-1981		G-J-30	4981	8	3	98.4	5 / 64", 5 / 64", 3 / 16"	CR, IBFT, 3POR	GCI, GCI, S
1993-1998	Chrysler Magnum	G-J-31	5211	8	3	99.3	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
1993-1998	Chrysler Magnum	G-J-32	5211	8	3	99.3	5 / 64", 5 / 64", 4	CR, IBFT, 3POR	GCI, GCI, S
2005-2009	Chrysler HEMI	G-J-33	5653	8	3	99.5	1.5, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
1969-1971	General Motors Buick	G-J-34	5735	8	3	96.5	5 / 64", 5 / 64", 3 / 16"	CR, RTFIB, 3POR	GCI, GCI, S
1971	General Motors Chevrolet	G-J-35	5735	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1971	General Motors Chevrolet	G-J-36	5735	8	3	101.6	5 / 64", 5 / 64", 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
1998	Chrysler Magnum	G-J-37	5899	8	3	101.6	1.5, 1.5, 4	CRIB, RTFIB, 3POR	SGI, GCI, S
1971-1991		G-J-38	5899	8	3	103.6	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
1971-1991		G-J-39	5899	8	3	103.6	5 / 64", 5 / 64", 3 / 16"	CRIB, IBTF, 3POR	GCI, GCI, S
2006-2009	Chrysler HEMI	G-J-40	6063	8	3	103	1.5, 1.5, 3	CRIB, N, 3POR	SGI, GCI, S
1974-1978		G-J-32	6571	8	3	105.8	5 / 64", 5 / 64", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
153.310 / 510, 204.71, 6303 DL 01	820, 920, Traktor T 100 /, 1.010, Mähdresher HJ-LO, 220 Crawler, JD 450, Skidder 440, Traktor T 700, 3120	G-JO-DE-001	2490 & 3320 & 4975	3, 4, 6	3	98	3 / 32", 3 / 32", 5	CR, CTF, CHSL-B	GCI, GCI, GCI
A 6.354	Mähdrescher 630, 730	G-JO-DE-002	5800	4	5	98.48	3 / 32", 3 / 32", 3 / 32", 1 / 4", 1 / 4",	CRIB, CIB, BSOR, SOR	GCI, GCI, GCI, GCI, GCI
3164 DL 01, JD 164, 4219 DL 01, 6329 DL 01, JD 329, 3164 DL 03, 4219 DL 03, 09, 6329 DL 03	Schlepper 1520, Schlepper 2030, 2120, Traktor 1520, 2120, 2030, 2520, 3120, Traktor 830, 930, 1020, 1030, 1035, 1120, 1130, 1530, 2020, 2040, Mähdrescher 890, 925, 930, Traktor 2030, 2035, 2440, 3030, 3130, Mähdrescher 935, Radlader JD 410, JD 400 AJ., Traktor 3030, 3130, 3135, 4030, Mähdrescher 955, Combine 6600	G-JO-DE-003	2696 & 3588 & 5395 & 2690 & 3590 & 5380	3, 4, 6, 3, 4, 6	3	102	1 / 8", 3 / 32", 5	CRFK, CTFIB, CHSL-B	SGI, GCI, GCI
3239 DL 01, 6359 DL 01 / DL / TZ 01 / 02, 42390T / TL, 300 NA, 4039 D, 6359 T, 300 NA, 3179 D, 300 NA, 4045 D, 300 NA, 6059 D, 300 NA, 6068 D	3030, 3040, 3050, 3130, 3140, 3350, 3640, 840, 940, 1040, 1140, 1350, 1447, 1550, 1630, 1640, 1745, 1750, 1840, 1845, 1850, 1950, 2040, 2130, 2140, 2250, 2450, 2650, 2850, 4050, 840, 940, 1040, 1140, 1350, 1447, 1550, 1630, 1640, 1745, 1750, 1840, 1845, 1850, 1950, 2040, 2130, 2140, 2250, 2450, 2650, 2850, 3030, 3130, 3140, 3350, 3640, 4050	G-JO-DE-004	2938 & 3918 & 5876 & 3920 & 5880 & 2940 & 4524 & 5878 & 6786	3, 4, 6, 4, 6, 3, 4, 6, 6	3	106.5	1 / 8", 3 / 32", 3.5	CRFK, CTFIB, CHSL-B	SGI, GCI, GCI

KAISER-FRAZER / KAMA3 / KAMA4

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
KAISER - FRAZER									
	134 CID (2.2L) 1951-1953	G-KF-01	2195	4	3	79.4	3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
	Continental, 1947-1954	G-KF-02	3703	6	4	84.1	3 / 32", 3 / 32", 5 / 32", 5 / 32"	IBTF.IBTF, 3POR, SOR	GCI, GCI, S, GCI
KAMA3									
7401, 7-40, 5320, 2410, 5511, 53202, 53212	Bus PA 3-4202, KAB 3-5252, 740	G-KA-001	10852 & 13565 & 10850	V8, V10, V8	3	120	3, 3, 5	CRHK, CRHK, CHSL-B	SGI, SGI, GCI
KAMA4									
74,07,40,37,409		G-KA-002		V8, V8, V8	3	120	3.5, 3, 4	CRFK, CRHK, CHSL-B	SGI, SGI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
F3M 1008, F4M 1008J, F1L 208 D		G-KH-001		3, 4	3	72	2, 2, 3	CR, CTF, BPSL	GCI, GCI, GCI
F1L 208 D		G-KH-002		1	3	80	2.5, 2.5, 5	CR, CTF, TPOR	GCI, GCI, S
F1L 208F, F2L 208F	Stationär motor, Stationary Engine	G-KH-003		1	3	82	2.5, 2, 3	CRIB, CTF, CHSL-B	GCI, GCI, GCI
F1L 310, F2L 310, F3L 310, F4L 310		G-KH-004		1, 2, 3, 4	4	85	2, 2, 2, 5	CR, CTF, CTF, DB-SOR	GCI, GCI, GCI
F 1 L 410 D, F 2 L 410 D		G-KH-005	63, 51, 270	1, 2	4	90	2.5, 2.5, 2.5, 5	CRFKIS, CTF, CTF, BPSL	SGI, GCI, GCI, GCI
F1L 612, F2L 612, F3L 612		G-KH-006		1, 2, 3	5	90	2.5, 2.5, 2.5, 5, 5	CRIB, CTF, N, DB-SOR, DB-SOR	GCI, GCI, GCI, GCI, GCI
F2L 1011, F3L 1011, F4L 1011		G-KH-007		2, 3, 4	3	91	2, 2, 3	CR, CTF, BPSL	GCI, GCI
F2M 1011, F3M 1011F, BF3M 1011F, F4M 1011F, BF4M 1011F		G-KH-008	1370 & 2180 & 2910	1, 3, 4	3	91	3, 2, 3	CRFK, CTFIB, CHSL-B	SGI, GCI, GCI
BFL 1011E, BFL 1011T		G-KH-009		4	3	91	3, 2.5, 3.5	CRFK, CTF, CHSL-B	SGI, GCI, GCI
F2L 1011, F3L 1011, F3L 1011		G-KH-010		2, 3, 4	3	91	3, 2.5, 3.5	CR, CTF, CHSL-B	GCI, GCI, GCI
F1L 411D, F2L 411D		G-KH-011	69, 81, 395	1, 2	4	92	2.5, 2.5, 2.5, 5	CRFK, CTF, CTF, CHSL-B	SGI, GCI, GCI, GCI
BF4M 1012, BF6M 1012		G-KH-012		4, 6	3	94	3, 2, 3		

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
F 1 L 812, F 2 L 812, F 3 L 812, F 4 L 812, F 6 L 812	Traktor D 15, Traktor D 30, D 2505, D 3005, Traktor D 4005, D 4505, D 40, Traktor D 50, D 5005, D 6005D15, D30 / S, D2505, S3005, D40L, D40.1, D 4005, D4505, D 50.1S, D5005, D 5505, D 6005, D 8005, 90, D 7, 90 D 8, 90 D 9, 90 D 11, 100 D7100 D8, 100D9, 101 D7100 D8, 100D9,	G-KH-013	850 & 1700 & 2550 & 3400 & 5100	1, 2, 3, 4, 6	4	95	2.5, 2.5, 2.5, 5	CRIB, CTFIB, CTFIB, BPSL	GCI, GCI, GCI, GCI
F1L 712, F2L 712, F3L 712, F4L 712, F6L 712		G-KH-014		1, 2, 3, 4, 6	5	95	2.5, 2.5, 2.5, 5, 5	CRIB, CTFIB, CTFIB, BPSL, SOR	GCI, GCI, GCI, GCI, GCI
FL 210		G-KH-015		1	3	95	2.5, 2.55, 5	CRIB, CTFIB, BPSL	GCI, GCI, GCI
F2L 912 D, F3L 912 D, F4L 912 D, F5L 912 D, F6L 912 D		G-KH-016	1884 & 2826 & 3768 & 4712 & 5652	2, 3, 4, 5, 6	4	100	2.5, 2.5, 2.5, 5	CRFK, CTF, CTF, CHSL-B	GCI, GCI, GCI, GCI
F3L 912, F4L 912, F5L 912, F6L 912, F1L 511, F2L 511		G-KH-017	2827 & 3770 & 4680 & 5616	3, 4, 5, 6, 1, 2	3	100	2.94, 2.03, 3	CRFKIB, CTFIB, CHSL-B	SGI, GCI, GCI
BF4L 912, F4L 912, BF6L 912, F6L 912		G-KH-018		4, 6	3	100	2.94, 2.5, 3.5	CRFKIB, CTF, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
F 1 L 511 D, F 2 L 511 D, F 2 L 912 D, F 3 L 912 D, F 4 L 912 DF 5, L 912 D, F 6 L 912 D	D 2506, D 3006, D 2807, D 3607, DX 36, D 4006 / A, D 4505 / A, D 4506 / A, D 5006 / A, D 5206 / A, 2002 / A, D 4007, D 4507DX 50 / 55 / 3.20 /, 3.3, D 5506, D 5506, D 6006 / A, D 6206 / A, D 6806 / A, D 7006 / A, D 7206 / A, 2003 / a / s, 2004, D 7007, D 7207, DX 4.10 / 750, DX 85 / 90, D 7506 / A, D 8006 / A, D 9006 / A, D 9009 / A, D 10006 / A, 2005, DX 6.10 / 110 / 120	G-KH-019	825 & 1650 & 1884 & 2826 & 3768 & 4712 & 5652	1, 2, 2, 3, 4, 5, 6	3	100	2.94, 2.55, 5	CRFKIB, CTFIB, CHSL-B	SGI, GCI, GCI
		G-KH-020			3	100	3, 2.5, 5	CRFK, CTF, CHSL-B	SGI, GCI, GCI
F 2 L 912 W, F 2 L 912 D, F 3 L 912 W, F 3 L 912 D, F 4 L 912 W, F 4 L 912 D, F 5 L 912 W, F 6 L 912 W, F 6 L 912 D, BF 6 L 912, F 5 L 912 D	D 2506, D 3006, D 2807, D 3607, DX 36, D 4006 / A, D 4505 / A, D 4506 / A, D 5006 / A, D 5206 / A, 2002 / A, D 4007, D 4507, D 4897, D 5207, DX 50 /, 55 / 3.20 / 3.30, D 5506, D 6006 / A, D 6206 / A, D 7006 / A, D 7206 / A, 2003 / A / S, 2004, D 7007, D 7207, DX 4.10 / 750, D 7506 / A, D 8006 / A, D 9006 / A, D 9009 / A, D 100006 / A, 2005, DX 6.10 /, 110 / 120, D 8007 / A, D 10006 / A, DX 85 / 90	G-KH-021	1884 & 2826 & 3768 & 4710 & 5652 & 5640 & 4712	2, 3, 4, 5, 6, 6, 5	4	100	3, 2.5, 2.5, 5	CRFK, CTF, CTF, CHSL-B	SGI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
F 2 L 912 D, F 3 L 912 D, F 4 L 912 D, F 5 L 912 D, F 6 L 912 D	D 2506, D 3006, D 2807, D 3607DX 36, D 4006 / A, D 4505 / A, D 4506 / A, D 5006 / A, D 5206 / A2002 / A, D 4007, D 4507, D 4897, D 5207DX 50 / 55 / 3.20 /, 3.3, D 5506, D 6006 / A, D 6206 / A, D 6806 / A, D 7006 / A, D 7206 / A, 2003 / A / S, 2004, D 7007, D 7207DX 4.10 / 750, DX 85 / 90, D 7506 / A, D 8006 / A, D 9006 / A, D 9009 / A, D 10006 / A, 2005, DX 6.10 /, 110 / 120	G-KH-022	1884 & 2826 & 3768 & 4712 & 5652	2, 3, 4, 5, 6	3	100	3, 2.5, 4	CRFK, CRTIF, CHSL-B	GCI, GCI, GCI
		G-KH-023			3	100	2.94, 2.03, 3.5	CRFKIB, CTFIB, CHSL-B	SGI, GCI, GCI
F3L 913, F4L 913, BF4L 913, F6L 913, BF6L 913C, BF6L 913		G-KH-024	3064 & 4086 & 6128 & 6120	3, 4, 6, 6	3	102	2.94, 2.03, 3.5	CRFKIB, CTFIB, CHSL-B	SGI, GCI, GCI
F 3 L 912 F, F 4 L 912 F, F 5 L 912 F, F 6 L 912 F		G-KH-025	3064 & 4086 & 5107 & 6128	3, 4, 5, 6	3	102	2.94, 2.55, 3.5	CRFKIB, CTF, CHSL-B	SGI, GCI, GCI
F 3 L913 / MD / H, F 4 L913 / MD / H, F 6 L913 / MD / H	Traktor D 3.50, D 6007, Traktor DXY, 80 / 3.90, D 7807DX 3.50 /, 3.90 / 6.30, D 7807, DX 120	G-KH-026	3060 & 4086 & 6128	3, 4, 6	3	102	2.94, 2.55, 5	CRFKIB, CTFIB, CHSL-B	SGI, GCI, GCI
BF6L 913 C		G-KH-027	6128	6	3	102	2.94, 3, 3	CRFK, CRFKTF, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
DF 4 L 913 / CBF 4 L 913 / C, BF 6 L 913 / C, BF 4 L 913 / CBF 4 L 913 / C, BF 6 L 913 / C	Traktor DX 4.70, DX 80, Baureihe 9013006 A, M 30, M 8 FL, M 160, L 81, M 160 M 13 FLM 168 M 8 FLL	G-KH-028	4086 & 6128 & 4086 & 6129	4, 6, 4, 6	3	102	2.94, 3, 3.5	CRFKIB, CRFK, CHSL-B	SGI, SGI, GCI
BF4L 913, BF6L 913 C	DX 4.70, DX 80	G-KH-029	4086 & 6128	4, 6	3	102	2.94, 3, 3.5	CRFKIB, CRFK, CHSL-B	SGI, GCI, GCI
BF4L 913, BF6L 913 C, F 3 L 913, BF 4 L 913 T, F 6 L 913, BF 6 L 913 T	Traktor DX 4.50 / 86, DX 3.50, DX 3.90, D 7807, DX 120	G-KH-030	3060 & 4086 & 6128	3, 4, 6	4	102	3, 2.5, 2.5, 5	CRFK, CRTF, CTF, CHSL-B	SGI, GCI, GCI, GCI
		G-KH-031			4	102	3, 2.5, 2.5, 5	CRFK, CTF, CTF, CHSL-B	SGI, GCI, GCI, GCI
BF6L 913 FC	D 2506, D 7506, D 5206	G-KH-032		6	4	102	3, 3, 2.5, 5	CRFK, CRFK, CTF	SGI, SGI, GCI
BF4L 913, BF6L 913 / C		G-KH-033	4086 & 6129	4, 6	3	102	3, 3, 5	CRFK, CRFKTF, CHSL-B	SGI, GCI, GCI
BF4L 913, BF6L 913, F3L 913 G, F6L 912 F		G-KH-034	4086 & 6129	4, 6	3	102	3, 3, 5	CRFK, CTFIB, CHSL-B	SGI, GCI, GCI
F3L 913 G, F6L 912 F	Stationä, motor, motor, motor	G-KH-035	1885 & 2826 & 3768	2, 3, 4, 6	3	102	2.94, 2, 3.5	CRFK, CTFIB, CHSL-B	SGI, GCI, GCI
BF4L913T, BF6L913T	Stationä, motor, Stationary Engine	G-KH-036	4086 & 6128	4, 6	3	102	2.94, 2.55, 3	CRFK, CTFIB, CHSL-B	SGI, GCI, GCI
BF4M 1013, BF6M 1013		G-KH-037	4760 & 7140	4, 6	3	108	3, 2, 3.5	CRFK, CTF, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness		Ring Type	Material
F / A 1 L 514, F / A 2 L 514, F / A 3 L 514, F / A 4 L 514, F / A 6 L514 / 614, F / A 8 L 614, F / A 12 L 614, F / A 1 L 514, F / A 2 L 514, F / A 3 L 514, F / A 4 L 514, F / A 6, L514 / 614, F / A 8 L 614, F / A 12 L 614		G-KH-038	1330 & 2660 & 3990 & 5322 & 7980 & 10640 & 15960	1, 2, 3, 4, V6, V8, V12, 1, 2, 3, 4, 5, 6, V8, V12	5	110	3, 3, 3, 6, 6		CR, CTF, N, BSOR, SOR	GCI, GCI, GCI, GCI, GCI,
F1L 514 F, F2L 514 F, F3L 514 F, F4L 514 F, F6L 514 F, F6L 312, F6L 814, F8L 312, F8L 814, F10L 312, F10L 814, F12L 312, F12L 814		G-KH-039		1, 2, 3, 4, 5, 6, 6, 6, V8, V8, V10, V10, V12, V12	4	115	3, 3, 3, 6		CR, CTFIB, N, BPSL	GCI, GCI, GCI, GCI
F 6L413, AL413, F 8 L 413, F 10 L 413, F 12 L 413, F 8 L 714 A, F 6 L 413, F 8 L 413, F 10 L 413, F 12 L 413	Baureihe 120 / 170, Baureihe 200, 210, 230, 232, Baureihe 290, 310, 120, 170, 200, 210, 230, 232, 290, 310, 340	G-KH-040	8480 & 11310 & 14140 & 16960	V6, V8, V10, V12, V8, V6, V8, V10, V12	4	120	3, 3, 3, 6		CR, CTF, NTF, CHSL-B	GCI, GCI, GCI, GCI
F / A 6 L 714, F / A 8 L 714, F / A 10 L 714, F / A 12 L 714, BF 12 L 714	Saturn 145, Pluto 201, 150 FL, 200 FL 200 K, 200 L, Merkur, Jupiter, Saturn, S 3500, S 3500 Pluto, S 3500 S Merkur, A 5500, A / S7500, D145, 150 D 13 / 14 / 21, 156 D 15 / 16 / 22, 195, 200 D 26, 195, 200 D 26, 150 L 10, 150 R 10, 150 S 11 N, Saturn II	G-KH-041	9500 & 12667 & 15833 & 19000	V6, V8, V10, V12, V12	5	120	3, 3, 3, 6, 6		CR, CTF, NTF, BPSL, SOR	GCI, GCI, GCI, GCI, GCI
F 4 L 413 R, F 5 L 413 R, F 6 L 413 R, F 6 L 413 L, F 8 L 413 L, F 10 L 413 L, F 12 L 413 L, F 6 L 413 L, F 8 L 413 L, F 10 L 413 L, F 12 L 413 L	130 D, 130 D, 130 D, 270 D, 310 D, 340 D	G-KH-042	5880 & 7350 & 8820 & 11760 & 14700 & 17640	4, 5, V6, V8, V10, V12, V6, V8, V10, V12	4	120	3.5, 3, 3, 6		CRFK, CTF, NTF, CHSL-B	SGI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
BF 8 L 413 F, BF 8 L 513 C, F 8 L 413 F, BF 10 L 413 F, BF 10 L 513 C, F 10 L 413 F, BF 12 L 413 F, BF 12 L 513 C, F 12 L 413 F, BF 6 L 413 F, BF 6 L 513 C, F 6 L 413 F / FRBF 6L 413 FRC, BF 6 L 513 RC, F 6 L 413 FRW, F 4 L 413 R / FR, F 5 L 413 F / FR	Baureihe 190, 250, 260, 290, 320, 360, 2000, 4520, 4530, 4540, 4550, 4620, 8000, Baureihe 190, 320, 360, 360 D 45 AS, 3000, 3500, N 4520, N 4530, N 4540, N 4550, N 4620, 8000, FKL, FKM, MFS 42, 360 D 34 AS, 192 M 14 FL, 256 D 16 AK /, FL / K, 256 M 19 FL, 256 M 22 FLL, 256 D 26 AK / U, 260 T 117, 260 L 117, 320 M 16 FSL, 320 D 16 FS, 320 D 19 AK, 320 D 19 FAK, 320 M 19 FLL, 320 D 26 AK, M 2000 R 106 /, R 113 / R 119, M 260 TR 117, M 320 D 16 FS, M 320 D FSL, Traktor DX 8.30 / 2304	G-KH-043	12763 & 15945 & 19140 & 9572 & 9600 & 6378 & 7976	V8, V10, V6, 6, 6, 4, 5	3	125	3, 2.5, 4	CRFK, CTF, CHSL-B	SGI / S, GCI, GCI
BF6 L 413, BF8 L 413, BF10 L 413, BF12 L 413		G-KH-044	9572 & 12763 & 15945 & 19140	6, V8, V10, V12	3	125	3, 3, 4	CRFK, CRRTFIS, CHSL-B	SGI / S, GCI, GCI
BF 12 L 513, BF 6B L 513, BF 8 L 513, BF 10 L 513, BF 6 L 513	330 ANW	G-KH-045	19140 & 9570 & & 15945 & 9572	V12, V6, V8, V10, V6	3	125	3.5, 2.5, 4	CRFK, CTF, CHSL-B	SGI / S, GCI, GCI
		G-KH-046			3	125	3.5, 2.5, 4	CRFK, CRTFIB, CHSL-B	SGI, GCI, GCI
BF6 L 513, BF8 L 513, BF10 L 513, BF12 L 513		G-KH-047	9570 & 12763 & 15945 & 19140	6, V8, V10, V12	3	125	3.5, 3, 4	CRFK, CRFK, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
BF L 413 F, BF L 513 C	190, 230, 360, 3000, 3500, 8000	G-KH-048	9572 & 12763 & 15945 & 19140	6, 8, 10, 12	3	125	3, 2.5, 4	CRFK, CRTFIB, CHSL-B	SGI / S, GCI, GCI
F 6 L 513, F / BF 6 L 513, F 8 L 513, .F / BF 8 L 513, F 10 L 513, F / BF 10 L 513, F 12 L 513, F / BF 12 L 513		G-KH-049	10038 & 13384 & 16730 & 10038	V6, V8, V10, V12	3	128	3.5, 3, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
A2M 517, A4M 517, A8M 517, A8M 517		G-KH-050		2, 4, 6, V8	5	130	3.5, 3.5, 3.5, 6, 6	CR, CTFIB, CTFIB, SOR, SOR	GCI, GCI, GCI, GCI, GCI
BF6M1015, BF8M1015	Top Liner	G-KH-051	11910 & 15870	6, 8	3	132	3.5, 2.45, 4	CRFKIS, CRTF, CHSL-B	SGI, GCI, GCI
BF6M1015, BF8M1015	Top Liner	G-KH-052	11910 & 15870	6, 8	3	132	3.5, 2.45, 4	CRFKIS, CRTF, CHSL-B	SGI, GCI, GCI
F4M 716, F6M 716, BF6M 716, F8M 716, BF8M 716, F12M 716, BF12M 716, BF16M 716		G-KH-053	9160 & 13740 & 18320 & 27480 & 36640	4, 6, V8, V12, V16	4	135	4, 3, 3, 6	CR, CTF, CTF, BPSL	GCI, GCI, GCI, GCI
A / BA 6 M 816, A / BA 6 M 816 /, U / W / R, A / BA 8 M 816, A / B 8M816C /, CR / U / W / R, A / BA 12 M 816, A / BA 12 M 816, A / BA 16 M 816C / CR / U		G-KH-054	15204 & 20272 & 30408 & 40544	6, 8, V12, V16	3	142	4, 3, 6	CRFK, CTF, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
86	Sephia	G-KI-001	1597	4	3	78	1.5, 1.5, 3	CR, NTF, TPOR	SGI / S, GCI, S
R2	Besta	G-KI-002	2184	4	3	86	2, 2, 4	CRIB, CTFIS, CHSL-B	SGI, GCI, GCI
R2	Besta	G-KI-003	2184	4	3	86	2, 2, 4	CR, CRRTFIS, BPSL	SGI / S, GCI, S
	Ceres	G-KI-004	2209 & 2522	4, 4	3	89.9	3 / 32", 3 / 32", 3 / 16"	CR, CTFIS, CHSL-B	SGI, GCI, GCI
K-2400		G-KI-005		4	3	92	3 / 32", 3 / 32", 4	CR, CTF, CHSL-B	SGI, GCI, GCI
	Besta	G-KI-006	2700	4	3	93	2, 2, 3	CR, N, CHSL-B	SGI / S, GCI, GCI
SL	K-3500	G-KI-007	3500 & 3455	4, 4	3	100	2.5, 2, 4.5	CR, CRRTFIS, CHSL-B	SGI, SGI, GCI
B1	PRIDE	G-KI-008	1100	4	4	68	1.2, 1.5, 3	CIB, N, 3POR	S / SGI, GCI, GCI
KIA	ASIA TOWNER	G-KI-009		3	4	70	1.2, 1.5, 2.8	CIB, N, 3POR	S / SGI, GCI, GCI
B3	PRIDE	G-KI-010	1324 & 1300	4	4	71	1.2, 1.5, 2.8	CIB, N, 3POR	S / SGI, GCI, GCI
	RIO 1.5L	G-KI-011		4	4	75.5	1.2,, 1.2, 2.5	CIB, N, 3POR	S / SGI, GCI, GCI
B6 AVELLA	sephia1.5	G-KI-012		4	4	78	1.5, 1.5, 3	CIB, N, 3POR	S / SGI, GCI, GCI
SEPHIA KVO		G-KI-013		4	4	78	1.5, 1.5, 4	CIB, N, 3POR	S / SGI, GCI, GCI
		G-KI-014		6	4	80	1.2, 1.5, 2.5	CIB, N, 3POR	S / SGI, GCI, GCI
BP	SEPHIA	G-KI-015		4	4	83	1.5, 1.5, 3	CIB, N, 3POR	S / SGI, GCI, GCI
FED		G-KI-016	1998	4	4	86	1.5, 1.5, 4	CIB, N, 3POR	S / SGI, GCI, GCI
	BESTA	G-KI-017		4	4	86	2, 2, 4	HK, N, DVM	S / SGI, GCI, GCI, S
	BESTA	G-KI-018		4	4	86	2, 2, 4	CIB, CIB, DVM	S / SGI, GCI, S
NEW BESTA R2 NEW		G-KI-019		4	4	86	2, 2, 3	CIB, N, DVM	S / SGI, GCI, S
S2	CERES	G-KI-020	2209	4	4	88.9	2.383, 2.383, 4.763	CIB, N, DVM	S / SGI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
SF / SC	Power Bongo K2400 old	G-KI-021	2400	4	4	92	2.383, 2.383, 4	CIB, N, DVM	S / SGI, GCI, S
SS / SUTC	K2400 new, K2700 Topic, K480-23-206	G-KI-022		4	4	92	2.85, 2.38, 4	CIB, N, DVM	S / SGI, GCI, S
K4100, ZB	BOXER	G-KI-023		4	4	92.06	2.38, 2.38, 4.76	CIB, N, DVM	S / SGI, GCI, S
RFA	HI BESTA	G-KI-024	2400	4	4	93	2, 2, 3	CIB, N, DVM	S / SGI, GCI, S
J2	K2700 Pregio	G-KI-025	270 & 2665	4	4	94.5	2, 2, 3	CIB, N, DVM	S / SGI, GCI, S
J-3	KIA	G-KI-026		4	4	97.1	2, 2, 3	CIB, N, DVM	S / SGI, GCI, S
KIA K3000	Pregio 3.0	G-KI-027		4	4	98	2, 2, 3	CIB, N, DVM	S / SGI, GCI, S
SH	K3600	G-KI-028	3581 & 360	4	4	100	2, 2, 3	CIB, N, DVM	S / SGI, GCI, S
SL	K3500	G-KI-029	3500	4	4	100	2.5, 2, 4.5	CIB, N, DVM	S / SGI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
2D92	Bulldozer, D20	G-KO-001	1300	2	3	92	2.868, 3, 6	CRFK, C, CHSL-B	SGI, GCI, GCI
4D92	Bulldozer	G-KO-002	2610	4	3	92	2.868, 3, 6	CRFK, C, CHSL-B	SGI, GCI, GCI
4D94	Bulldozer	G-KO-003	2940	4	3	94	2.9, 2.5, 5	CR, C, CHSL-B	SGI, GCI, GCI
4D95	Bulldozer	G-KO-004	3260	4	3	95	2, 2, 4	CR, CR, STOR	GCI, GCI, S
SA1D95	Bulldozer	G-KO-005			3	95	2, 2, 4	CR, CR, STOR	GCI, GCI, S
S4D95	Bulldozer	G-KO-006	3260	4	3	95	2.2, 2, 4	CRFK, CR, STOR	GCI, GCI, S
SA1D95	Bulldozer	G-KO-007			3	95	2.5, 2.2, 4	CRFK, CRFK, STOR	SGI, GCI, S
S6D95	Bulldozer	G-KO-008	4890	6	3	95	2.5, 2, 4	CRFK, CR, STOR	SGI, GCI, S
4D95	Bulldozer	G-KO-009	4890	4	3	95	2.2, 2.2, 4	CRHK, CR, STOR	GCI, GCI, S
1D95L	Bulldozer	G-KO-010			3	95	2.2, 2, 4	CRHK, CR, STOR	GCI, GCI, S
4D105	Bulldozer	G-KO-011	4330	4	3	105	3, 2.5, 5	CR, C, CHSL-B	GCI, GCI, GCI
S4D105	Bulldozer	G-KO-012	4330	4	3	105	3, 2.5, 5	CRFK, C, CHSL-B	SGI, GCI, GCI
4D105	Bulldozer	G-KO-013	4330	4	3	105	3, 2.5, 5	CRFK, C, CHSL-B	GCI, GCI, GCI
6D105	Bulldozer	G-KO-014	6490	6	3	105	4.2, 4.5, 3.6	CR, C, CHSL-B	SGI, GCI, GCI
S6D105	Bulldozer	G-KO-015	6490	6	3	105	3, 2.5, 5	CR, C, CHSL-B	SGI, GCI, GCI
S6D105	Bulldozer	G-KO-016	6490	6	3	105	3, 2.5, 5	CRFK, CR, STOR	SGI, GCI, S
SA6D110, 6D110	Bulldozer	G-KO-017	7130	6	3	110	3, 2.5, 5	CRFK, C, CHSL-B	SGI, GCI, GCI
S6D110	Bulldozer	G-KO-018	7130	6	3	110	3, 2.5, 5	CRFK, C, CHSL-B	SGI, GCI, GCI
4D115	Bulldozer	G-KO-019	5810	4	4	115	3, 3, 3, 5	CR, CR, N, STOR	GCI, GCI, GCI, S
6D115	Bulldozer	G-KO-020	8720	6	4	115	3, 3, 3, 5	CR, C, N, CHSL-B	SGI, GCI, GCI
4D120	Bulldozer	G-KO-021	7240	4	5	120	4, 4, 4, 5.5, 5.5	CR, C, N, CHSL-B, SOR	GCI, GCI, GCI, GCI, GCI
S4D120, 4D120	Bulldozer	G-KO-022	7240	4	3	120	3.5, 2.5, 5.5	CR, C, CHSL-B	SGI, GCI, GCI
6D125	Bulldozer	G-KO-023	11040	6	3	125	2.4, 2.4, 3	CR, C, CHSL-B	GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
1D125	Bulldozer	G-KO-024	11040		3	125	2.4, 2.4, 4	CRFK, C, CHSL-B	SGI, GCI, GCI
1D125	Bulldozer	G-KO-025			3	125	2.4, 2.4, 4	CRFK, C, CHSL-B	SGI, SGI, GCI
1D125	Bulldozer	G-KO-026			3	125	2.4, 2, 3	CRFK, C, CHSL-B	SGI, SGI, SGI
6D125	Bulldozer	G-KO-027	11040	6	3	125	2.4, 2, 3	CRFK, C, CHSL-B	SGI, SGI, SGI
S4D130, 4D130	Bulldozer	G-KO-028	8490	4	3	130	3.5, 2.5, 5.5	CRFK, C, CHSL-B	SGI, GCI, GCI
NRT06	Bulldozer	G-KO-029	12170	6	4	130.18	3.78, 3.61, 3.61, 6.056	CR, CRFK, CR	GCI, GCI, GCI
NH220	Bulldozer	G-KO-030	12170	6	4	130.18	3.78, 3.61, 3.61, 6.12	CRFK, CFK, N, CHSL-B	SGI, SGI, SGI, SGI
NT-855	Bulldozer	G-KO-031		6	4	139.7	3.595, 2.878, 2.878, 4.75	CRFK, C, N, CHSL-B	SGI, SGI, SGI, SGI
6D140	Bulldozer	G-KO-032	15200	6	3	140	2.4.2.4.4	CRFK, CR, STOR	SGI, SGI, S
6M140		G-KO-033	15200	6	3	140	2.4.2.4.4	CR, C, CHSL-B	SGI, SGI, GCI
S4D155	Bulldozer	G-KO-034	12840	4	3	155	3.68, 3.548, 4.737	CRFK, C, CHSL-B	SGI, SGI, GCI
4D155	Bulldozer	G-KO-035	12840	4	3	155	4, 3.5, 6	CRFK, C, CHSL-B	SGI, SGI, GCI
4D155	Bulldozer	G-KO-036	12840	4	4	155	4, 3.5, 6, 5	CRFK, C, CHSL-B, SOR	SGI, SGI, GCI, GCI
6D155	Bulldozer	G-KO-037	19260	6	4	155	4, 3.5, 6, 5	CRFK, C, CHSL-B, SOR	SGI, SGI, GCI, GCI
6D155	Bulldozer	G-KO-038	19260	6	3	155	4, 3.5, 6	CRFK, C, CHSL-B	SGI, SGI, GCI
S6D155, SA6D155		G-KO-039	19260	6	3	155	3.68, 3.548, 4.737	CRFK, C, CHSL-B	SGI, SGI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
		G-K-01			3	82	2.5, 2, 5	SGTCHK, N, CHSL-B	SGI, GCI, GCI
		G-K-02			3	85	2.5, 2, 5	SGTCHK, N, CHSL-B	SGI, GCI, GCI
		G-K-03			3	76	2, 1.5, 4	SGTCHK, SCR, CHSL-B	SGI, GCI, GCI
		G-K-04			3	83	2, 2, 4	SGTCHK, N, CHSL-B	SGI, GCI, GCI
		G-K-05			3	72	1.5, 1.5, 3	SGTCHK, SCR, CHSL-B	SGI, GCI, GCI
		G-K-06			3	78	2, 1.5, 4	SGTCHK, SCR, CHSL-B	SGI, GCI, GCI
		G-K-07			3	87	2.5, 2, 5	SGTCHK, N, CHSL-B	SGI, GCI, GCI
		G-K-08			3	75	2, 1.5, 4	SGTCHK, N, CHSL-B	SGI, GCI, GCI
		G-K-09			3	72	1.5, 1.5, 3	SGTCHK, SCR, CHSL-B	SGI, GCI, GCI
		G-K-10			3	67	1.5, 1.5, 3	SGTCHK, SCR, CHSL-B	SGI, GCI, GCI
		G-K-11			3	78	2, 1.5, 4	SGTCHK, SCR, CHSL-B	SGI, GCI, GCI
		G-K-12			3	82	2.5, 2, 5	SGTCHK, N, CHSL-B	SGI, GCI, GCI
		G-K-13			3	85	2.5, 2, 5	SGTCHK, N, CHSL-B	SGI, GCI, GCI
		G-K-14			3	83	2, 2, 4	SGTCHK, N, CHSL-B	SGI, GCI, GCI
		G-K-15			3	87	2.5, 2, 5	SGTCHK, N, CHSL-B	SGI, GCI, GCI
		G-K-16			3	80	2.5, 2, 5	SGTCHK, N, CHSL-B	SGI, GCI, GCI
		G-K-17			3	87	2, 2, 4	SGTCHK, SCR, CHSL-B	SGI, GCI, GCI
	N / M	G-K-18			3	87	2, 2, 5	SGTCHK, SCR, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
	N / M	G-K-19			3	87	2, 2, 5	SGTCHK, SCR, CHSL-B	SGI, GCI, GCI
		G-K-20			3	87	2, 2, 4	SGTCHK, N, CHSL-B	SGI, GCI, GCI
		G-K-21			3	83	2, 2, 4	SGTCHK, N, CHSL-B	SGI, GCI, GCI
		G-K-22			3	82	2.5, 2, 5	SGTCHK, N, CHSL-B	SGI, GCI, GCI
		G-K-23			3	72	1.5, 1.5, 3	SGTCHK, SCR, CHSL-B	SGI, GCI, GCI
		G-K-24			3	67	1.5, 1.5, 3	SGTCHK, SCR, CHSL-B	SGI, GCI, GCI
D 722-E3B Euro 4, Z 482 Euro 4		G-K-01	719 & 479	3, 2	3	67	1.5, 1.5, 3	CRHK, CRNTF, CHSL-B	S, GCI, GCI
S 2800, V 1402, V 1902		G-K-02	2791 & 395 & 1861	6, 3, 4	3	85	2.5, 2, 5	CRHK, CRTFIS, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
BA3 2101	BA3 2101, BA3 2102, 1200, Nova Junior, BA3 2103, 1500	G-LA-001	1198 & 1451	4, 4,	3	76	1.5, 2, 5 / 32"	CR, N, TPOR	SGI / S, GCI, S
BA3 2106	BA3 21011, 1300, Nova, Nova C, BA3 2105, BA3 2106, BA3 2107, BA3 2121, Niva, BA3 2121, Niva, 1600, Taiga, BA3 2107	G-LA-002	1294 & 1568 & 1569	4, 4, 4	3	79	1.5, 2, 5 / 32"	CR, N, TPOR	SGI / S, GCI, S
	Samar 1.5, Shiguli BA 21083	G-LA-003	1488	4	3	82	1.5, 2, 5 / 32"	CR, N, TPOR	SGI / S, GCI, S
XUD 9 A	Niva	G-LA-004	1905	4	3	83	2, 2, 3	CR, CTF, CHSL-B	SGI / S, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
FL 230, FL 345		G-LAM-001		2, 3	5	95	2.5, 2.5, 2.5, 5, 5	CRIB, CTF, N, BPSL, SOR	GCI, GCI, GCI, GCI, GCI,
1000.6WT, 1000.3W / WT, 1000.4W		G-LAM-002		6, 3, 4	3	105	3, 2.5, 4	CR, CTF, CHSL-B	GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
188 A9.000, 199 A2.000, 199 A3.000	Musa 1.3 JTD 16V, Ypsilon (843) 1.3 JTD 16V	G-L-01	1251 & 1248	4	3	69.6	2, 1.5, 2	CRR, CTF, CHSL-B	SGI, GCI, SGI
156 C.046, 176 B2.000	Y 1.1i, Y 10 1.1i	G-L-02	1108	4	3	70	1.2, 1.2, 2.5	CRR, CTF, PSL	SGI, SGI, GCI
840 A3.000	Y 1.2i	G-L-03	1242	4	3	70.8	1.2, 1.2, 2.5	CRRIB, CTFIB, BPSL	SGI, SGI, GCI
AR 37101, 188 B2.000, 839 A6.000, 841 C.000, 937 A2.000	Lybra 1.9 JTD, Lybra 2.4 JTD, Musa 1.9 JTD, Thesis 2.4 JTD	G-L-04	1910 & 2387	4, 5	3	82	2, 2, 2	CRR, NTF, CHSL-B	SGI, GCI, S
841G.000, 841M.000, 841N.000	841N.000	G-L-05	2387	5	3	82	2, 2, 2	CRR, NTF, CHSL-B	SGI, GCI, SGI
831 D.000, 831 D1.000	Delta 1.9 TD	G-L-06	1929	4	3	82.6	2.5, 2, 3	CRFK, CRN, CHSL-B	SGI, GCI, GCI
160 D1.000, 835 A4.000, 835 A4.000, 835 A4.046	Dedra 1.9 TD, Delta 1.9 TD	G-L-07	1929	4	3	82.6	3, 2, 3	CRFK, CRTFIS, CHSL-B	SGI, GCI, GCI
160 D1.000, 835 A4.000, 835 A4.000, 835 A4.046	Dedra 1.9 TD, Delta 1.9 TD	G-L-08	1929	4	3	82.6	3, 2, 3	CRFK, CTF, CHSL-B	SGI, GCI, GCI
M601 FT.20.0, 132 AB.000, 132 BB.1A.0, 132 B1.000, 149 C2.000, 828 B1.000, 828 B4.000, 831 AB., 831 B5.000, 831 B7.000, 831 C.000, 831 C5.000, 834 B.000, 834 B1.000, 834 C.000, 835 A5.046	Beta 1.8, Beta 2.0i, Dedra 2.0i, Dedra 2.0i Turbo, Delta 1.6i, Delta 2.0i Turbo, Prisma 1.6i, Prisma 2.0i, Thema 2.0i Turbo	G-L-09	1995 & 1756 & 1585 & 1985	4	3	84	1.5, 2, 3.947	CRR, NTF, 3POR	SGI, GCI, GCI
RFN	Zeta 2.0i 16V, Phedra 2.0i 16V	G-L-10	1997	4	3	85	1.2, 1.5, 2.5	CRRIB, NTF, 3POR	SGI, GCI, S
DW10BTED4, RHM, RHR, RHT, RHW, RHZ	Phedra 2.0 JTD 16V, Zeta 2.0 JTD, Zeta 2.0 JTD 16V	G-L-11	1997	4	3	85	3.5, 2, 3	CRFK, NTF, CHSL-B	SGI, GCI, GCI
4 HW	Phedra 2.2 JTD 16V	G-L-12	2197	4	3	85	3.5, 2, 3	CRFK, CTFIB, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
RFV	Zeta 2.0i 16V	G-L-13	1998	4	3	86	1.5, 1.75, 3	CRR, NTF, 3POR	SGI, GCI, GCI
8144.91.2000, 8144.91.2200, 8144.97.2200	Thema 2.5 TD, Thema 2.5 TDS	G-L-14	2445 & 2499	4	3	93	3, 2, 3	CRFK, CRN, CHSL-B	SGI, GCI, GCI

LIAZ / LIEBHERR / LISTER

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
LIAZ									
M 634	706 MT, ST 18, MTS 24, MTP 24, 100.02, 100.24	G-LI-001	11940	6	4	130	3.5, 3.5, 3.5, 6	CRFK, CTFIB, CTFIB, CHSL-B	SGI, GCI, GCI, GCI
M 637, M 638, M 640, MS 640	S 100.55, 110.073, S 123.02, S 123.47, Praga 9 P 140, 151	G-LI-002	11940	6	3	130	3.5, 3.5, 5	CRFK, CTF, CHSL-B	SGI, GCI, GCI
LIEBHERR									
D 904.NA+TB, D 906. NA+TB	Stationary Engine, Construction Engine	G-LIB-001		4, 6	3	115	3, 2.5, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
LISTER									
ST		G-LIS-001		1	5	95.25	1 / 8", 3 / 32", 3 / 32", 3 / 16", 3 / 16"	CRFK, CTF, CTF, CHSL-B, SOR	SGI, GCI, GCI, GCI, GCI
HR		G-LIS-002		1	5	107.95	5 / 32", 1 / 8", 1 / 8"3 / 16", 3 / 16"	CRFK, CTF, CTF, CHSL-B, SOR	SGI, GCI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
6 LD 260 / L, LDA 500		G-LOM-001		1	4	70	2, 2, 2, 4	CRIB, CTF, CTF, DB-PSL	GCI, GCI, GCI, GCI
LDW 502, LDW 602, LDW 903, LDW 1204, LGW 523, LGW 627		G-LOM-002	505 & 611 & 916 & 1222	2, 2, 3, 4, 2	3	72	2, 2, 3	CR, CTF, CHSL-B	GCI, GCI, GCI
LDA 520, 522, 523, 525, 527		G-LOM-003		1	4	78	2, 2, 2, 4	CR, CTFIB, CTFIB, BPSL	SGI / S, GCI, GCI, GCI
196 LDA 326, 15 LD 315		G-LOM-004	315	1, 1,	3	78	2, 2, 3	CR, CTF, CHSL-B	SGI / S, GCI, GCI
6 LD 325		G-LOM-005		1	3	78	2, 2, 4	CR, CTFIB, BPSL	SGI / S, GCI, GCI
LA / LDA 80		G-LOM-006		1	4	80	2, 2, 2, 4	CR, CTF, NTF, BPSL	SGI / S, GCI, GCI, GCI
LDA 80, LA 400		G-LOM-007		1	3	80	2, 2, 4	CR, CTF, BPSL	SGI / S, GCI, GCI
T 530, T 532, T 533, LDA 530, 532, 533, 535, 537	Industriemotor	G-LOM-008	359	1	4	82	2, 2, 2, 5	CRIB, CTF, CTF, BPSL	SGI, GCI, GCI, GCI
LA 82		G-LOM-009		1	3	82	2, 2, 4	CRIB, N, DB-SOR	SGI, GCI, GCI
6 LD 360		G-LOM-010		1	3	82	2, 2, 5	CRIB, CTF, BPSL	SGI, GCI, GCI
LDA 450, LDA 455, 3 LD 450, LDA 510, 513, 3 LD 510	Industriemotor	G-LOM-011	454 & 510	1, 1	4	85	2, 2, 2, 4	CRIB, CTF, N, DB-PSL	SGI, GCI, GCI, GCI
3LD 510.0, 3LD 450		G-LOM-012		1	3	85	2, 2, 4	CR, CTF, DB-PSL	GCI, GCI, GCI
LA 85		G-LOM-013		1	3	85	2.5, 2.5, 5	CR, N, DB-SOR	GSI, GCI, GCI
		G-LOM-014	454	1	3	85	2.5, 2, 4	CRIB, CTF, BPSL	GCI, GCI, GCI
6 LD 400.1, 10 LD 400.2, 10 LD 400.3		G-LOM-015	395	1, 2, 3	3	86	2, 2, 4	R, CTFIB, CHSL-B	SGI / S, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
11 LD 535.3		G-LOM-016		1	3	88	2, 2, 4	CR, CTFIB, DB-SOR	SGI / S, GCI, GCI
LA 490, LA490		G-LOM-017		1	3	88	2, 2, 4.5	CR, CTFIB, BPSL	SGI / S, GCI, GCI
9 LD 560 2		G-LOM-018	1120	2	4	90	2, 2, 2, 4	CR, CTF, CTF, DB-PSL	SGI / S, GCI, GCI, GCI
9 LD 560.0, 9 LD 561.2		G-LOM-019		2	3	90	2, 2, 4	CR, CTF, DB-PSL	SGI / S, GCI, GCI
LDA 710, 713, 715, LDA 710, 904		G-LOM-020	1196	1, 2	4	90	2.5, 2.5, 2.5, 5	CRIB, CTF, N, BPSL	GCI, GCI, GCI, GCI
LDA 90, LDA 91		G-LOM-021		1	3	90	3, 3, 5	CRIB, CTFIB, DB-PSL	GCI, GCI, GCI
LDA 720, 723, 725		G-LOM-022		1	4	95	2.5, 2.5, 2.5, 5	CRIB, CTF, N, BPSL	GCI, GCI, GCI, GCI
LDA 720, 7 LD 665.1, 7 LD 665.2, 9 LD 625.2, 11 LD 625.3		G-LOM-023	1248	1, 2, 3	3	95	2.5, 2.5, 5	CRIB, CTFIB, BPSL	GCI, GCI, GCI
LDA 670, LDA 96, 4 LD 640, LDA 672, LD 675 2, LDA 673, 5 LD 675 3, LDA 674, 5 LD 675 4		G-LOM-024	1346 & 2019 & 2692	1, 2, 3, 4	4	95	3, 3, 3, 5	CR, CTF, N, BPSL	GCI, GCI, GCI, GCI
		G-LOM-025			4	95	3, 3, 3, 5	CR, CTF, CTF, BPSL	GCI, GCI, GCI, GCI
LDA 830, 5 LD 825.2, 5 LD 825.3, 5 LD 825.4		G-LOM-026		2, 3, 4	3	100	2.5, 2.5, 3.5	CR, CTF, CHSL-B	SGI, GCI, GCI
T 832, 5 LD 825, T 833, 5 LD 825, T 834, 5 LD 825, LDA 10, 5 LD 105, 4 LD 705		G-LOM-027	1648 & 2472 & 3296 & 707	2, 3, 4, 1	4	100	3, 2.5, 2.5, 5	CR, CTF, N, BPSL	GCI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
LDA 820 / 825, 4 LD 820		G-LOM-028	817	1	4	102	3, 2.5, 2.5, 5	CR, CTF, CTF, CHSL-B	GCI, GCI, GCI, GCI
5 LD 930, 5 LD 930.3, 5 LD 930.4		G-LOM-029		3, 4	4	106	2.5, 2.5, 2.5, 5	CRTFIB, CTF, CTF, CHSL-B	SGI, GCI, GCI, GCI
LOTUS									
910, 910 S, 912, 912 S	Esprit, Excel	G-LOT-001	2174	4	3	95.3	1.5, 1.5, 3.5	CIB, NTF, TPOR	GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
D 8613 M, D 8614 M	Traktor 2 P 1, 4 P 1, Traktor 2 N 2 P 1, 4 P 1, 2 R 3, 2 R 4, 4 R 3, 4 R 4	G-MAN-001	1900 & 2560	3, 4	4	86	2.5, 2.5, 2.5, 5	CRTF, CTF, CTF, BPSL	GCI, GCI, GCI, GCI
D 9532 M, 2 BNM / S	Traktor, 2 L 1, 2 L	G-MAN-002	1840	2	4	95	3, 3, 3, 5	CR, C, N, BPSL	GCI, GCI, GCI, GCI
599, 712.03 / 04 / 08	270, 470, 485, 570, 585, 685, 785	G-MAN-003	3017	4	4	98	3, 2.5, 2.5, 4.5	CRFK, CTFIS, N, CHSL-B	SGI, GCI, GCI, GCI
712.03 / 04 / 07	270, 470, 485, 570, 585, 685, 785	G-MAN-004	3317	4	3	98	3, 2.5, 4.5	CRFK, CTFIS, CHSL-B	SGI, GCI, GCI
D 0022 M 161, D 0024 M, 220 / 221, D0026M1 / 2H	Traktor, 4 R 2, 4 S 2, 415, 520, 626, 6.90 FK, 8.90 FK, 8.136 FK, 9.136 FK, 10.136 FK	G-MAN-005		2, 4, 6	4	100	2.5, 2.5, 2.5, 5	CR, CTF, CTF, BPSL	SGI, GCI, GCI, GCI
D 0022, M 161, D 0024 M, 220 / 221, D 0026 M 1 / 2H	Traktor 4 R 2, 4 S 2, 415, 520, 626, 6.90 FK, 8.90 FK, 8.136 FK, 10.136 FK, Omnibus 420, HOC 1/2	G-MAN-006		2, 4, 6	3	100	2.5, 2.5, 5	CR, CTF, BPSL	SGI, GCI, GCI
597-02	5.126 F, 6.126 F, 7.126 F, 8.126 F, 9.126 F	G-MAN-007	5278	6	4	100	3, 2.5, 2.5, 5	CRFK, CTF, CTF, BPSL	SGI, GCI, GCI, GCI
D 0224 M / MF / ME, D 0226 M / MF /, ME / MFO / MH / MFM / MFA /, MS	Baureihe 6.90, 8.90, 6.90 F / FK, 8.90 F / FK, 8.136 F / FK, 9.136 F / FK, 10.136 F, 11.136, 12.136, 14.136, 17.136	G-MAN-008	3791 & 5687	4, 6	3	102	2.5, 2.5, 4	CR, CTF, CHSL-B	SGI, GCI, GCI
D 0216, MXUL		G-MAN-009		6	3	102	2.5, 2.5, 5	CR, CTF, CHSL-B	SGI, GCI, GCI
D 0226 MK /, MKF / MC / MLE / MKFA / MKH / MTE / MTKE / MTXE	12.170, 12.192, 14.170, 14.192, 16.170, 17.192	G-MAN-010	5687	6	3	102	3, 2.5, 4	CRFK, NTF, CHSL-B	SGI, GCI, GCI
720.05 / 08	690, 7.90	G-MAN-011	3595	4	3	102	3, 2.5, 5	CRFK, NTF, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
D 0824 GF, D 0824 GF 01 / 02 / 03, D 0826 GF / OH / F, D 0824 GD 01 / 02 / 03, D 0826 GF 04 Euro 1	F 90, G 90, M 90, 6.100 FK, 310 / 360 /, 340.9.150, FK310 / 360 / 460, 10.150 F 360 / 425 / 460 /, 510	G-MAN-012	4580 & 6871 & 6870	4, 6, 6	3	108	2.5, 2.5, 4	CR, CTF, CHSL-B	SGI, GCI, GCI
D 0836 M / MH / MU /, HM 3 U / HM /, HMN / HMU, / HM 2 / HM 7, D 846 HM 2 /, HMN 2 / HMY, 0846, HM 2 / HMN 2 / HMY, 8.156, 8.160 H / F, 9.156, 9.160, 13.16, 15.168, 16.168, 750 HO-SL, SG / SL 192, CR 160, UE 590	LKW-Baureihe, 635 / 735 / 650 /, 850, 8.156, 8.160 H, 8.160 F, 9.156, 9.160, 13.168, 15.168, 16.168, 750 HO-SL, SG 192, SL 192, CR 160, UE 590	G-MAN-013	7030 & 7252	6, 6	3	108	2.5, 2.5, 5	CR, CTF, CHSL-B	SGI, GCI, GCI
D 0836 M / HM		G-MAN-014		6	4	108	3, 2.5, 2.5, 5	CRFK, CTF, N, CHSL-B	SGI, GCI, GCI, GCI
D 0824, Euro 1, D 0824 LFL, 02 Euro 2, D 0826 LF 01 /, LF 02 / LF 04 /, LF 06, D 0826, LUH04, LUH213, D 0826 FG 01 /, 002 / LFL 03 / LF, 11 / LUH 11, Euro 2 / LF 15 EVB, D 0826 LF / LF 04 / LOH / LF 07, D 0826 TF, TOH, D 0826 LE 51 /, LE 52 / WE 51 /, TUE 51 /, LUE 51 / 160	8.153F, 8.163, 9.153F, 12.163, 9.163F, 10.153F, 10.163F, 18.232, 17.232, 8.224 F, 17.232, Fendt-S Traktor	G-MAN-015	4580 & 6600 & 6871 & 6590 & 6870	4, 6, 6, 6, 6	3	108	3, 2.5, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
D 1246		G-MAN-016		6	3	111	3.5, 3, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
D 1246	Truck, Military Engine	G-MAN-017		6	4	112	2.5, 2.5, 2.5, 5	CR, CTF, N, BPSL	SGI, GCI, GCI, GCI
D 10 UT 150, Euro 2	Ikarus-Bus, IK 280 Raba	G-MAN-018	10350	6	3	121	3.5, 2, 3.5	CRFK.CRRTFIB, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
D 2156 HMXU-036 / -038, HMU 11, D 2156 HM / HMN / MGN /, MY / MNY / MYN /, HNY / HM2 / HM3, HMN 3 / HM 9 /, HMN 9, D 2156 MT / MTN / MTX	9.192 H, 12.192 H, 22.192 FN / FNL, SL 192, SG 192, 9.192, 9.216, 10.215, 12.192 12.215, 13.215, 13.230, 15.192, 15.216, 16.816, 16.192, 16.215, 21.215, 22.215, SL 192, SG 192, 12 UE 192, 10 UE 192, 11 UE 192, 13.256 F, 16.256 F, 19.256 F, 22.256 F, 26.256 F, 30.256 F	G-MAN-019	10349 & 10343 & 10344	6, 6, 6	4	121	3.5, 3, 3, 5.5	CRFK, CTF, N, CHSL-B	SGI, GCI, GCI, GCI
D 2146 HM, D 2146 M, D 2146 M II	770 L 1, 780 H, 1070 L 1, 1080 H, 2170 L 1 D, 3100, 3500, 4100, 4500, 4600, 4900, 5200, 10210 TLA, 10210 TL1, 10212 H, 750, 890	G-MAN-020	9659	6	4	121	3.5, 3, 3, 5.5	CRFK, CTF, N, CHSL-B	SGI, GCI, GCI, GCI
D 2356 HM 2 /, HM 9 / HM 10 /, HMN 2 HMX	10.230 FL, 12.230 H / FL, 13.230 FL, 16.230 FNS, 190.230 DF, 22.230 F, 30.230 F, SG 192, SUE 230, 11 UE 192, 12 UE 192	G-MAN-021	10690	6	4	123	3.5, 3, 3, 5.5	CRFK, CTF, N, CHSL-B	SGI, GCI, GCI, GCI
D 2366		G-MAN-022		6	3	123	3.5, 3, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
D 2538 MT / MTE / MTH, D 2530 MTE / MTXF	16.320, 19320, 26.320, 30.320, 16.320, 19.320, 19.360, 22.320, 26.320, 30.320, 32.320, 40.400, Marine-Industriemotor	G-MAN-023	12763 & 15900	8, 10	4	125	3, 3, 3, 5	CRFK, CTF, NRF, CHSL-B	SGI / S, GCI, GCI, GCI
D 2538 M / ME / MF, D 2530 ME / MF / MXF	16.256, 19.256, 26.256, 30.256, 16.320, 19.320, 20.320, 22.320, 26.320, 30.320, 32.320, 38.320, DFK-3875, DF-4525, DF-5175	G-MAN-024	12756 & 15945	8, 10,	3	125	3, 3, 5	CR, CTF, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
D 2555 M / ME, MUH, MF, MX, D 2556 M / MX /, MXF / MXH /, MUH, D 2565 HM / M / ME / MF /, MRF / MR / MUE /, MUH / MUL, D 2566 HM / M / ME / MH /, MXF / MF / MUL /, MUE / MUH /, MFO / MFOR /, MRF / MUM, G 2566 UH / UM	12.168, 13.168, 15.168, 13192, 15.192, 15.200, 15.240, 16.168, 16.200, 16.240, 19.168, 19.200, 19.240, 22.240, 26.240, 30.240, SD 200, SL 200, SUE 200, SR 240, SUE 240, 11.168, 13.168, 13.192, 14.168, 14.192, 15.168, 16.192, 16.168, 16.192, 22.192, 15.240, 16.240, 19.240, 22.240, 26.240, 30.240, SG 192, SL 200, SD 200SG 220, SUE 240, SR 240, SUE 240, Bus-Industriemotor	G-MAN-025	9199 & 11100 & 9510 & 11407 & 11412	5, 6, 5, 6, 6	3	125	3, 3, 5	CRFK, CTF, CHSL-B	SGI / S, GCI, GCI
		G-MAN-026			3	125	3, 3, 5	CRFK, NTF, CHSL-B	SGI / S, GCI, GCI
D 2548 MT / MTF, D 2540 MT / F / MTE, D 2542 MLE, D 2542 MTE		G-MAN-027	13940 & 17426 & 20190	V8, V10, V12	4	125	3.5, 3, 3, 5	CRFK, CTF, NTF, CHSL-B	SGI / S, GCI, GCI, GCI
D 2565 MT /, MK / MKUL, D 2566 MT / MTE / MLE /, MTF / MTH / MTU, / MTF / MTUM /, MTUE / MK /, MUF / MKUL /, MTUH / LUM /, MKF / MKUH /, KUL / MLUH /, MTHO, D 2566 UH / BUH	19281 F / FL / FK /, FS / FAS / FAK / U / UL, 19280 F / FL / FT / FK / FS / FAS / MLUH /, MTHO / FAK / DF, / DFK / HK / HAK, 19321, 22280 FNL, 22281 FNL, 22321 UNL, 26280 DF / DFK /, DFS / DFAS, 26281 DHAK /, DHK, 26321 DF / DFS / DFK /, DFAS / DFAK, 30280 VF, 32280 DHAK, 32281 DF / DFS /, DFK / DFAK /, DFAS / DHK /, DHAK, 32321 DF / DFS /, DFK / DFAS /, DFAK, SR 240, SR 260, SR 280, Bus 297 / 298, SG 220, SG240, 240 M 10, 240 M 12	G-MAN-028	9510 & 11407 & 11413	5, 6, 6	3	125	3.5, 3, 5	CRFK, NTF, CHSL-B	SGI, GCI, GCI
D 2858 M, X 090, D 2858 MT	13.304 DFS, 16.304 FN / FNS, / G / N /, 19.304 DF / DFS / G / N, 22.304 DFSA, 25.304, 26.304, 30.304, Industriemotor	G-MAN-029	15450 & 15442	V8, V8	4	128	3.5, 3, 3, 5.5	CRFK, CTF, NTF, CHSL-B	SGI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
D 2865 L / LOH, LU 01 / 02 / 03 / 04, / 06, LF 02 / 03 / 04 / 06, / 10 / 15, D 2866 LF 01 / 02 / 03 / 05 / 06, / 09 / 15, LU 01 / 03 / 04, D 2866 KF 09 /, LXE, LE 06109, LH 02, LXUH, D 2865 LF 09 / 21 Euro 2, D 2866 LF 14 / 16 / 20 /, Euro 2, D 2848 LXE / LYE, D 2840 LXE / LYE, D 2840 LE / T, LE 2A, D 2840 T, D 2840 LF, LXF, LE, D 2840 LF, D 2842 LXE /, LYE, D 2842 T, LE 20, LE 21, LF, LXE, MLE, D 2848 LZE, D 2840 LZE, D 2842 LZE, D 2848 LE / T, D 2840 LF, 06 Euro 1	19.422, 19.361, FLS 19.362, F / FS, 24.362, 25.362, Marine-Industriemotor, 19.361, 19.332 F, 19.361 FLS, 19.362 F, 19.291, 19.292, 19.331, 22.330, 22.331, 22.332, 22.630, 22361, 22.362, 24.362, 26.281, 26.291, 26.331, 26.361, 32.331, 32.361, 33.361, 34.291, 34.331, 280, 290, 292, 322, 332, 362, 363, 200, 202, 240, 242, Bus, 19.343 FLT, F 2000, Industriemotor, 19.462, Marine-Industriemotor, Industriemotor	G-MAN-030	9972 & 11967 & 9975 & 11970 & 14620 & 18270 & 21930 & 14618 & 18263	5, 6, 5, 6, V8, V10, V12, V8, V10	3	128	3.5, 3, 5	CRFK, NTF, CHSL-B	SGI, GCI, GCI
D 2848 M / MH / TF, D 2840 MF / MFR / MH / ME, D 2842 ME	26.365, 32.365, 40.365, Marine – Industriemotor	G-MAN-031	14618 & 18270 & 21930	V8, V10, V12	3	128	3.5, 3, 5.5	CRFK, NTF, CHSL-B	SGI, GCI, GCI
D 2480 LF 20 Euro 2	19.603, 26.603 NFL	G-MAN-032	18273	V10	3	128	4, 3, 4	CRFK, NTF, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
		G-M-01	11012	6	5		1 / 8", 1 / 8", 1 / 8", 3 / 16", 3 / 16"	CRFKIS, CRFKIS, CRFKIS, CHSL-B, DBSOR	SGI, SGI, GCI, GCI, GCI
	"END-673E, ENDT-673, ENDT-673A, ENDT-673B, ENDT-673C, 2 ENDTB-673C, ENDTB-676A, ENDYF-673C, ETAB-673A, ETAB-676B, ETAYB-676, ETAZB-673A, ETAZB-673C, ETB-673E"	G-M-02	11012	6	4	123.8	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRFK.CRFK, FKN, CHSL-B	SGI, SGI, GCI, GCI
	"11.0L E6-315, E6-315R, E6-350, E6-350R, EC6-235, EM6-237, 3 EM6-250, EM6-275, EM6-275R, EM6-285, EM6-285R, EM6-300, EM6-300R, EME6-285R, ETSZ-673A, ETSZB-673A, ETSZB-676, ETSZB-676A, ETSZB-677, ETXB-673D, ETYB-675B, ETZB-675, ETZB-675B"	G-M-03	11012	6	4	123.8	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRFK.CRFK, FKN, CHSL-B	SGI, SGI, GCI, GCI
	"11.0L E6-315, E6-315R, E6-350, E6-350R, EC6-235, EM6-237, 3 EM6-250, EM6-275, EM6-275R, EM6-285, EM6-285R, EM6-300, EM6-300R, EME6-285R, ETSZ-673A, ETSZB-673A, ETSZB-676, ETSZB-676A, ETSZB-677, ETXB-673D, ETYB-675B, ETZB-675, ETZB-675B"	G-M-04	11012	6	4	123.8	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRFK, CRFK, CRHKIB, CHSL-B	SGI, SGI, SGI, GCI
	"EC6-235, EC6-330, EM6-237, EMC6-250, EMC6-285, 4 EMC6-285R, ETSX-675, ETSX-676, ETSX-677, ETXB-673D, ETYB-673D, ETYB-675, ETYB-675B, ETZB-675, ETZB-675B"	G-M-05	11012	6	4	123.8	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRFK.CRFK, FKN, CHSL-B	SGI, SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
	"EC6-235, EC6-330, EM6-237, EMC6-250, EMC6-285, 4 EMC6-285R, ETSX-675, ETSX-676, ETSX-677, ETXB-673D, ETYB-673D, ETYB-675, ETYB-675B, ETZB-675, ETZB-675B"	G-M-06	11012	6	4	123.8	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRFK, CRFK, CRHKIB, CHSL-B	SGI, SGI, SGI, GCI
	ETA-676, ETAY-676, ETY-673E, ETY-675, ETZ-675 DIESEL	G-M-07	11012	6	4	123.8	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRFK.CRFK, FKN, CHSL-B	SGI, SGI, GCI, GCI
	"END-673, END-673A, END-673B, END-673C, END-673CR, 6 END-673D, END-673E, END-673P"	G-M-08	11012	6	4	123.8	1 / 8", 1 / 8", 3 / 32", 3 / 16"	CRFKIS, CRFKIS, IBTF, CHSL-B	SGI, SGI, GCI, GCI
	"END-673, END-673A, END-673B, END-673C, END-673CR, 6 END-673D, END-673E, END-673P"	G-M-09	11012	6	4	123.8	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRFK.CRFK, FKN, CHSL-B	SGI, SGI, GCI, GCI
	"ENDT-676, ENDT-676A, ENDTBF-673C, ET-673E, 7 ETAY-673A, ETAZ-673A"	G-M-10	11012	6	4	123.8	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRFK.CRFK, FKN, CHSL-B	SGI, SGI, GCI, GCI
	"EM6-237R, EME6-285, END-672, END-675, ENDTB-675, 8 ENDTB-676, ENDTF-673, ENDTF-673A, ENDTF-673C, ETA-673, ETAY-676D, ETAZ-673, ETSZ-676, ETSZ-677, ETY-673, ETY-673E, ETZ-673, ETZ-673E, ETZ-677"	G-M-11	11012	6	4	123.8	1 / 8", 1 / 8", 3 / 32", 3 / 16"	CRFKIS, CRFKIS, IBTF, CHSL-B	SGI, SGI, GCI, GCI
	"EM6-237R, EME6-285, END-672, END-675, ENDTB-675, 8 ENDTB-676, ENDTF-673, ENDTF-673A, ENDTF-673C, ETA-673, ETAY-676D, ETAZ-673, ETSZ-676, ETSZ-677, ETY-673, ETY-673E, ETZ-673, ETZ-673E, ETZ-677"	G-M-12	11012	6	4	123.8	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRFK.CRFK, FKN, CHSL-B	SGI, SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
	"E6-200, E6-250, E6-260, E6-270, E6-275, ENDTB-675C, 9 ETYB-673E, ETZB-673E DIESEL"	G-M-13	11012	6	4	123.8	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRFK.CRFK, FKN, CHSL-B	SGI, SGI, GCI, GCI
	E6-350, EM6-250L, EM6-275L, EM6-300L, EM6-300R, EM6-350	G-M-14	11012	6	4	123.8	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRFK.CRFK, FKN, CHSL-B	SGI, SGI, GCI, GCI
	E6-350, EM6-250L, EM6-275L, EM6-300L, EM6-300R, EM6-350	G-M-15	11012	6	4	123.8	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRFK, CRFK, CRHKIB, CHSL-B	SGI, SGI, SGI, GCI
	ENDLT-673, ENDLT-673A, ENDLT-673B, ENDLT-673C	G-M-16	11012	6	4	123.8	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRFK.CRFK, FKN, CHSL-B	SGI, SGI, GCI, GCI
	"END-707, END-711, END-711A, END-711B, END-711C, 12 END-711T, ENDD-711, ENDLT-711"	G-M-17	11585	6	4	127	3, 1 / 8", 3 / 32", 3 / 16"	CRFKIS, CRHKIB, IBTF, CHSL-B	SGI, SGI, GCI, GCI
	9L E7-454	G-M-18	11929	6	3	123.8	1 / 8", 3 / 32", 3 / 16"	CRFK, CRTFIB, CHSL-B	SGI, SGI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
	Familia 800	G-MA-001	800	4	3	58	1.5, 1.5, 4	CR, CR, CR	SGI, GCI, GCI
UA	Familia 1000	G-MA-002	987	2	3	61	2, 2, 2	CRHK, CR, CR	SGI, GCI, GCI
PB	Familia 1000, SPB, SPA, BPAV, BPAVO, PPBKV, Truck, FPA, FPAV, EPAH, H-FPA, H-FPAV	G-MA-003	987	4	3	68	2, 2, 4	CR, C, TPOR	SGI, GCI, S
B1	Truck	G-MA-004	987	4	3	68	1.2, 1.5, 3	CR, C, TPOR	S, GCI, S
E1	Familia, Truck	G-MA-005	1100	4	3	70	1.5, 2, 4	CR, C, TPOR	SGI, GCI, S
E1	1100	G-MA-006	1100	4	3	70	1.2, 1.5, 4	CR, C, TPOR	S, GCI, S
TA		G-MA-007	1100	4	3	70	2.5, 2.5, 4	CR, C, CHSL-B	GCI, GCI, GCI
PA	Familia -Coupe	G-MA-008	985	4	3	70	2, 2, 4	CR, CR, CR	GCI, GCI, SGI
TB	Familia 1000, STA, BTA65, BTAV, BTA55	G-MA-009	1139	4	3	70	2, 2, 4	CR, C, TPOR	GCI, SGI, S
TB		G-MA-010	985	4	3	70	2, 2, 4	CR, C, CHSL-B	SGI, GCI, GCI
PC, TB	Prest 1200, Familia 1000, 1200 STA, BTA65, BTAVBTA55, SPC, SPCV, FA3PS, A-FA30PS	G-MA-011	985 & 1139	4	3	70	2, 2, 4	CR, C, TPOR	GCI, SGI, S
PC	Familia	G-MA-012	985	4	3	70	1.5, 1.5, 4	CR, C, TPOR	GCI, SGI, S
B3	BG3S	G-MA-013	1300	4	3	71	1.2, 1.5, 3	CR, C, TPOR	S, GCI, S
TC (New)	Familia	G-MA-014	1272	4	3	73	1.5, 1.5, 4	CR, C, TPOR	SGI, GCI, S
TC	Familia 1300, STB, STBU, STC, FA3TS, FA2T55, 65, BS7C, HSTBU HSTCV, HFA2555, 65, Truck, BTA67	G-MA-015	1272	4	3	73	2, 2, 4	CR, C, TPOR	SGI, GCI, S
JF	Truck	G-MA-016		6	3	74	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
UA	Craft 1500	G-MA-017	1484	4	3	75	2.5, 2.5, 4	CR, C, TPOR	GCI, GCI, S
DUC, UA (New)	New Craft	G-MA-018	1484	4	3	75	2, 2, 4	CR, C, TPOR	SGI, GCI, S
E3		G-MA-019	1296	4	3	77	1.2, 1.5, 4	CR, C, TPOR	S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
E3		G-MA-020	1296	4	3	77	1.5, 2, 4	CR, C, TPOR	S, GCI, S
E3, E5	Familia, RF5V	G-MA-021	1490	4	3	77	1.2, 1.5, 4	CR, C, TPOR	S, GCI, S
E5	Familia, RF5V	G-MA-022	1500	4	3	77	1.2, 1.5, 4	CR, C, TPOR	S, GCI, S
UC	Familia (323, GLC)	G-MA-023	1415	4	3	77	1.5, 1.5, 4	CR, C, TPOR	SGI, GCI, S
E5	Familia, RF 5V	G-MA-024	1490	4	3	77	1.5, 2, 4	CR, C, TPOR	S, GCI, S
NA (New)	Luce 1800	G-MA-025	1796	4	3	78	1.2, 1.5, 4	CR, C, TPOR	S, GCI, S
NA, VB	Luce 1800	G-MA-026	1796	4	3	78	1.5, 1.5, 4	CR, C, TPOR	SGI, GCI, S
B6	Capela, BG6R, NA6CE, GV6V	G-MA-027	1600	4	3	78	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
VB	Familia 1600, SN3A, SN4A, SN3AV, B-SN4A, H-SN3AV, Capela, SNA, B-SNA, Truck, BNA61, H-BN61	G-MA-028	1769	4	3	78	1.5, 1.5, 4	CR, C, TPOR	SGI, GCI, S
NA	Luce	G-MA-029	1586	4	3	78	1.5, 2, 4	CR, C, TPOR	S, GCI, S
BG2A	Capela, BG6R, NA6CEGV6V	G-MA-030	1600	4	3	78	1.5, 1.5, 3	CR, C, TPOR	S, GCI, S
MA (New), VC (New)	Cosmo 2000, LA2VS, 2VV, 3VS, C-LA30S, 2VV	G-MA-031	2000	4	3	80	1.2, 1.5, 4	CR, C, TPOR	S, GCI, S
MA (New), VC (New)	Cosmo 2000, LA2VS, 2VV, 3VS, C-LA30S, 2VV	G-MA-032	2000	4	3	80	1.2, 1.5, 4	CR, C, TPOR	S, GCI, S
VC, MA	Luce, LA2VS, 2VV, 3VS, C-LA30S, 2VV, Cosmo, C-CD2VC	G-MA-033	2000	4	3	80	2, 2, 4	CR, C, TPOR	SGI, GCI, S
MA	Cosmo, Luce	G-MA-034	1970	4	3	80	1.5, 2, 4	CR, C, TPOR	S, GCI, S
F6	Capela	G-MA-035	1587	4	3	81	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
EVB, VA	G2000	G-MA-036	1985	4	3	82	2, 2, 4.5	CR, C, TPOR	SGI, GCI, S
VA	Truck, LE2000, EVA12, 12D, 43S, 13S, Three Wheeled Vehicles, TVA12, 32S, 82, 82A, AEVA, AEVA, B, TVADA, TVADB	G-MA-037	1985	4	3	82	2.5, 2.5, 4.5	CR, C, TPOR	GCI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
BP	Familia, BG8Z, BG8P	G-MA-038	1800	4	3	83	1.5, 1.5, 3	CR, C, TPOR	S, GCI, S
323 (BPD)	Lantis	G-MA-039	1800	4	3	83	1.5, 1.5, 3	CR, C, TPOR	S, GCI, S
FPD, FSD	Familia	G-MA-040	1800	4	3	83	1.2, 1.5, 3	CR, C, TPOR	S, GCI, S
F8	Bongo, Truck, Capera Cargo, SS88U, GV8W	G-MA-041	1799	4	3	86	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
FE	Bongo, GVER, HCEP, HBEY, SREOW, SREAV	G-MA-042	1998	4	3	86	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
FE	Truck	G-MA-043	2000	4	3	86	1.2, 1.5, 4	CR, C, TPOR	S, GCI, S
EXA		G-MA-044	2522	4	5	88.9	2.383, 2.383, 2.383, 4.763, 4.763,	CR, C, N, TPOR, SOR	SGI, SGI, SGI, SGI, SGI
JE	Center	G-MA-045	3000	6	3	90	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
G6	G601-11-SCOA	G-MA-046		4	3	92	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
PN	Familia Diesel, BG7P	G-MA-047	1720	4	3	78	2, 1.5, 3	CR, CR, STOR	S, GCI, S
RF	Capera, Bongo Truck, SSF8V, GVFB, GVFW	G-MA-048	2184	4	3	86	2, 2, 4	CR, C, CHSL-B	SGI, GCI, GCI
RFX	Capera	G-MA-049	2000	4	3	86	2, 2, 4	CRFK, CR, STOR	S, GCI, S
R2	Bongo, SR29V	G-MA-050	2184	4	3	86	2, 2, 4	CR, C, CHSL-B	SGI, GCI, GCI
R2	Bong SR 29V	G-MA-051	2184	4	3	86	2, 2, 3	CR, C, CHSL-B	S, GCI, SGI
XA	Truck-E2500, Truck-E2500, Bus AEKA, AEXB, AEXA	G-MA-052	2522	4	5	88.9	2.383, 2.383, 2.383, 2.383, 2.383,	CR, C, N, CHSL-B, SOR	SGI, SGI, SGI, SGI, SGI,
EXA	E2500	G-MA-053	2522	4	5	88.9	3.383, 3.383, 3.383, 4.763, 4.763	CR, C, N, CHSL-B, SOR	SGI, SGI, SGI, SGI, SGI,

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
YA		G-MA-054	3883	6	5	88.9	3.383, 3.383, 3.383, 4.763, 4.763	CR, C, N, CHSL-B, SOR	SGI, SGI, SGI, SGI, SGI,
EYA	E3500	G-MA-055	3783	6	5	88.9	3.383, 3.383, 3.383, 4.763, 4.763	CR, C, N, CHSL-B, SOR	SGI, SGI, SGI, SGI, SGI,
S2, XA	Bongo, Diesel, Luce (929L), LA48, BA258, BA259	G-MA-056	2209 & 2522	4	3	88.9	2.393, 2.393, 4.763	CR, C, CHSL-B	SGI, SGI, GCI
EXC XB	Titan E2700	G-MA-057	2071	4	5	92	2.383, 2.383, 2.383, 4.763, 4.763	CR, C, N, CHSL-B, SOR	SGI, SGI, SGI, SGI, SGI,
EZA VB	Titan E4100, EZA, EZB	G-MA-058	4052	6	5	92	2.383, 2.383, 2.383, 4.763, 4.763	CR, C, N, CHSL-B, SOR	SGI, SGI, SGI, SGI, SGI,
ZB	Titan	G-MA-059	4100	6	3	92	2.38, 2.38, 4.76	CR, C, CHSL-B	SGI, GCI, GCI
K4	Titan Truck	G-MA-060	2000	4	3	92	2.832, 2.4, 4	CRFK, C, CHSL-B	SGI, GCI, GCI
HA	Titan D3000, WE, WOFI	G-MA-061	3000	4	3	95	2.38, 2.38, 4.76	CR, C, CHSL-B	SGI, GCI, GCI
HA	Titan D3000, E 3000, W	G-MA-062	2977	4	3	95.025	2.38, 2.38, 4.76	CR, C, CHSL-B	SGI, GCI, GCI
SL	Titan Truck	G-MA-063	3455	4	3	100	2.5, 2, 4.5	CRHK, C, CHSL-B	SGI, GCI, GCI
SL	Ttitan Truck	G-MA-064	3455	4	3	100	2.5, 2, 4.5	CR, C, CHSL-B	SGI, GCI, GCI
SL	Titan, Truck, Titan, Dump	G-MA-065	3455	4	3	100	2.5, 2, 4.5	CR, C, CHSL-B	SGI, GCI, GCI
TF	Titan	G-MA-066	4000	4	3	105.5	2.5, 2, 4.5	CRHK, C, CHSL-B	SGI, GCI, GCI

MAZDA INDUSTRIAL

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
		G-MAI-01	1484	4	3	75	2, 2, 4	CR, IBTF, 3POR	GCI, GCI, S
		G-MAI-02	1985	4	3	82	5 / 64", 5 / 64", 4.50	CR, IBTF, 3POR	S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
(1972-1976)		G-MT-01	1586	4	3	78	1.5, 1.5, 4	IBTF, IBTF, 3POR	GCI, GCI, S
(1977-1978)		G-MT-02	1796	4	3	78	1.5, 1.5, 4	IBTF, IBTF, 3POR	GCI, GCI, S
(1979-1984)		G-MT-03	1970	4	3	80	1.5, 2, 4	CR, IBTF, 3POR	S, GCI, S
1979-1981		G-MT-04	1970	4	3	80	1.2, 1.5, 4	CR, IBTF, 3POR	S, GCI, S
(1986-1987)		G-MT-05	1998	4	3	86	1.5, 1.5, 4	IBTF, IBTF, 3POR	GCI, GCI, S
(1987-1993)		G-MT-06	2184	4	3	86	1.5, 1.5, 4	IBTF, IBTF, 3POR	GCI, GCI, S
'D' (2001-2008), 'H' (2008), 'Z' (2005-2006, 2008)	Ford Duratec	G-MT-07	2295	4	3	87.5	1.2, 1.2, 2.5	CR, IBTF, 3POR	S, GCI, S
(1987-1988)	Mitsubishi	G-MT-08	2555	4	3	91.1	1.5, 1.5, 4	IBTF, RTFIB, 3POR	GCI, GCI, S
-1989		G-MT-09	2606	4	3	92	1.5, 1.5, 4	CR, IBTF, 3POR	S, GCI, S
1989-1997		G-MT-10	2954	6	3	90	1.5, 1.5, 4	CR, IBTF, 3POR	S, GCI, S
(2001-2006), '1' (2004-2006, 2008-2009)	Ford Duratec	G-MT-11	2966	6	3	89	1.2, 1.5, 2.5	CR, N, 3POR	S, GCI, S
'U' (1994-1998, 2001-2007), 'V' (1999-2003)	Ford Vulcan	G-MT-12	2982	6	3	89	1.5, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
'U' (1994-1998, 2001-2007), 'V' (1999-2003)	Ford Vulcan	G-MT-13	2982	6	3	89	1.5, 1.5, 4	IBTF, RTFIB, 3POR	GCI, GCI, S
'X' (1991-2000)	Ford	G-MT-14	4016	6	3	100.4	1.60, 1.75, 3.50	IBTF, RTFIB, 3POR	GCI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
ME21, 24	Minica-ME21, 24, LT23, 25, 30, 30V, LA21, A10DV	G-MI-001	359	2	3	62	2.5, 2.5, 2.5	CRHK, CR, CR	GCI, GCI, GCI
2G10, 2G10-2	Minica-, 2G-10-2, A101, T131, 131V	G-MI-002	359	2	3	62	2.5, 2.5, 2.5	CRFK, CR, CR	SGI, GCI, GCI
2G21	Minica-2G, 21, A103, 102	G-MI-003	359	3	3	62	1.5, 1.5, 2.5	CR, C, TPOR	GCI, GCI, S
2G22	Minica-2G, 22	G-MI-004	471	2	3	65	1.5, 1.5, 2.5	CR, C, TPOR	GCI, GCI, S
3G82	Minica	G-MI-005	660	3	3	65	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S
3G83	Minica, E-22, H22A, V-H22V, V-U41T, 41V, V-U42T	G-MI-006	660	3	3	65	1.2, 1.2, 2.8	CR, C, TPOR	S, GCI, S
4G11	Lancer, Colt A151A, A155A, A17A	G-MI-007	1244	4	3	69.5	1.5, 1.5, 4	CR, C, TPOR	GCI, GCI, S
2G23	Minica 55, Mini Cab Wide 55	G-MI-008	550	2	3	70	1.5, 1.5, 2.5	CR, C, TPOR	GCI, GCI, S
2G23	Minica 55, Mini Cab Wide 55	G-MI-009	550	2	3	70	1.5, 1.5, 2.5	CR, C, TPOR	S, GCI, S
4G42	Lancer 1200, Colt 1200, A71, 71V, H-71V	G-MI-010	1200	4	3	71	2, 2, 4	CR, C, TPOR	SGI, GCI, S
G13-H	Lancer	G-MI-011	1298	4	3	71	1.5, 1.5, 4	CR, C, TPOR	GCI, GCI, S
G13-H-New	Mirage, Lancer	G-MI-012	1298	4	3	71	1.5, 1.5, 4	CR, C, TPOR	GCI, GCI, S
4G13-New	Lancer	G-MI-013	1298		3	71	1.2, 1.5, 3	CR, C, TPOR	S, GCI, S
4G17	Mirage Colt	G-MI-014		4	3	72.2	1.2, 1.5, 3	CR, C, TPOR	S, GCI, S
4G30, 4G33-Old	Colt-Galan, A51, 51H, 51V, Colt-Lancer, A72, 72V, B-A72, H-A72V, Colt-Galant, A62-55C	G-MI-015	1289	4	3	73	2, 2, 4	CR, C, TPOR	GCI, GCI, S
4G33-New	Lancer	G-MI-016	1439	4	3	73	1.5, 1.5, 4	CR, C, TPOR	GCI, GCI, S
GG34	Colt-Galant, A57C, 115A, 115H, CH57C, C-A115A, Debonair 31	G-MI-017	1994	6	3	73	2, 2, 4	CR, C, TPOR	GCI, GCI, S
4G12B	Mirage, 12H, 12U, 12T	G-MI-018	1410	4	3	74	1.5, 1.5, 4	CR, C, TPOR	GCI, GCI, S
4G31	Colt-Galant-A2, A52, 52H, 52V	G-MI-019	1499	4	3	74.5	2, 2, 4	CR, C, TPOR	SGI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
4G31B	Mirage C18A, Hydundai 23433-31500	G-MI-020	1500	4	3	74.5	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
G15B, G15H, G15C	C12A, C52A, C62A	G-MI-021	1468	4	3	75.5	1.5, 1.5, 4	CR, C, TPOR	GCI, GCI, S
4G15-New	Lancer, Mirage	G-MI-022	1468	4	3	75.5	1.2, 1.5, 3	CR, C, TPOR	S, GCI, S
4G15-New	Lancer, Mirage, R-CB2V	G-MI-023	1468	4	3	75.5	1.2, 1.5, 3	CR, C, TPOR	S, GCI, S
2G24	MINICA	G-MI-024	548	2	3	76	1.5, 1.5, 2.5	CR, C, TPOR	S, GCI, S
4G41	Galant, Delica, A61, T120C, 120W, H-T120	G-MI-025	1378	4	3	76.5	2, 2, 4	CR, C, TPOR	GCI, GCI, S
4G32	Colt-Galant, A53, 53C, 53V, 53H, 112A, 112C, BA112A, 112H, 112V, Colt-Lancer, A73, 63, B-A73	G-MI-026	1597	4	3	76.9	2, 2, 4	CR, C, TPOR	SGI, GCI, S
4G32-T	Cordially, A161A	G-MI-027	1597	4	3	76.9	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
2G25	MINICA	G-MI-028	660	2	3	78	1.5, 1.5, 2.5	CR, C, TPOR	S, GCI, S
4G91	Mirage	G-MI-029	1496	4	3	78.4	3.1, 3.2, 2.6	CR, C, TPOR	S, GCI, S
4G35	Galant-GTO	G-MI-030	1686	4	3	79	2, 2, 4	CR, C, TPOR	SGI, GCI, S
JH4	Jeep	G-MI-031	2199	4	3	79.38	2.375, 2.375, 4.74	CR, C, TPOR	GCI, GCI, S
4G62	Galant ∑, Lancer, A162, A175	G-MI-032	1795	4	3	80.6	2, 2, 4	CR, C, TPOR	SGI, GCI, S
4G62T	Galant	G-MI-033	1795	4	3	806	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
4G37	Galant	G-MI-034	1755	4	3	80.6	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
4G37, 4G62	E-E12A	G-MI-035	1800	4	3	80.6	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
4G92	E-CA4A	G-MI-036	1600	4	3	81	1.2, 1.2, 2.8	CR, C, TPOR	S, GCI, S
4G51	Galant ∑ 1850	G-MI-037	1855	4	3	81	2, 2, 4	CR, C, TPOR	SGI, GCI, S
4G61	Mirage	G-MI-038	1595	4	3	82.3	1.2, 1.5, 3	CR, C, TPOR	S, GCI, S
4G52	Galant ∑ 2000	G-MI-039	1955	4	3	84	2, 2, 4	CR, C, TPOR	SGI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
KE47	Canter	G-MI-040	2315	4	3	85	2.37, 2.37, 4.73	CR, C, TPOR	GCI, GCI, S
4G63B-T	Galant ∑, Shariot, Pajero	G-MI-041	1997	4	3	85	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
4G63	Galant A, Galant Van, E-P03V, EN13W, E-N33W	G-MI-042	1197	4	3	85	2, 2, 4	CR, C, TPOR	SGI, GCI, S
4G63	Galant, Shariot, E-N13W	G-MI-043	1997	4	3	85	1.2, 1.5, 2.8	CR, C, TPOR	S, GCI, S
4G63	E-N33W, E-CD9A	G-MI-044	1997	4	3	85	1.2, 1.5, 3	CR, C, TPOR	S, GCI, S
4G63EX	E-N33W, E-CD9A	G-MI-045	1997	4	3	85	1.2, 1.5, 3	CR, C, TPOR	S, GCI, S
4G64B	Delica wagon, E-P04W	G-MI-046	2350	4	3	86.5	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
4G64K	Delica wagon, E-P04W	G-MI-047	2350	4	3	86.5	1.2, 1.5, 3	CR, C, TPOR	S, GCI, S
4G64	Delica wagon, E-P04W	G-MI-048	2350	4	3	86.5	1.2, 1.5, 2.8	CR, C, TPOR	S, GCI, S
4G64-S4		G-MI-049		4	3	86.5	1.2, 1.5, 2.8	CR, C, TPOR	S, GCI, S
4G53	Canter, Jeep, FC211, BC211, J16, J38, J56	G-MI-050	2384	4	3	88	2, 2, 4	CR, C, TPOR	SGI, GCI, S
4G54	Devonair, Jeep	G-MI-051	2555	4	3	91.1	2, 2, 4	CR, C, TPOR	SGI, GCI, S
4G54	Deveonair	G-MI-052	2555	4	3	91.1	2, 2, 4	CR, C, TPOR	S, GCI, S
4G64T, 4G54T	MD061258, MD076170	G-MI-053	2550	4	3	91.1	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
6G72	Devonair, S12A	G-MI-054	2972	6	3	91.1	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
6G72		G-MI-055		6	3	91.1	1.2, 1.5, 3	CR, C, TPOR	S, GCI, S
6G74	Devenoair	G-MI-056	3500	6	3	93	1.5, 1.5, 3	CR, C, TPOR	S, GCI, S
4D65, 4D65T	Mirage, Galant, Colt C14A	G-MI-057	1795	4	3	80.6	2, 2, 4	CRHK, C, CHSL-B	S, GCI, SGI
4D65T	Galant, Mirage, Galant, Colt C14A	G-MI-058	1795	4	3	80.6	2, 2, 4	CRHK, CR, STOR	SGI, GCI, S
4DQ1	Bus, MB720, Jupitor, T720, T720D, T722	G-MI-059	1986	4	4	82	2, 2, 2, 4	CR, C, N, CHSL-B	GCI, GCI, GCI, GCI
4D68T		G-MI-060	1998	4	3	82.7	2, 2, 3	CRHK, CRHK, STOR	S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
4D68NA	Galant, S-CB8V, X-CB8A, X-CB8W, X-F57A	G-MI-061	1998	4	3	82.7	2, 2, 3	CRHK, CR, STOR	SGI, GCI, S
4DQ5	Canter	G-MI-062	2084	4	3	84	2.5, 2, 4	CR, C, CHSL-B	SGI, GCI, SGI
4DQ5	Canter	G-MI-063	2084	4	3	84	2.5, 2, 4	CRHK, C, CHSL-B	SGI, GCI, GCI
4DR1	Canter New	G-MI-064	2384	4	4	88	2.5, 2, 2, 4	CR, C, N, CHSL-B	SGI, GCI, GCI, SGI
4D55	Galant A167, Galant Sapporo	G-MI-065	2346	4	3	91.1	2.5, 2, 4	CR, C, CHSL-B	SGI, GCI, GCI
4D55-T, 4D56	Galant A167, L300, L038P, 68P	G-MI-066	2346	4	3	91.1	2.5, 2, 4	CRHK, C, CHSL-B	SGI, SGI, GCI
4D55-2	Galant R167	G-MI-067	2346	4	3	91.1	2.5, 1.94, 4	CRHK, CR, STOR	SGI, SGI, S
4DR52, T-1	Canter	G-MI-068	2659	4	3	92	2.306, 2, 4	CRFK, CR, STOR	SGI, SGI, S
4DR-5	Canter, T96A, 96B, 96A2, 98A, 98B, 98A2, 98B2, 98AD, 200F, 200C, 200CP, 200CT, 210F, 210C, 210CD, 210CT, 220, FE100, 120	G-MI-069	2659	4	4	92	2.5, 2, 2, 4.5	CR, C, N, CHSL-B	SGI, GCI, GCI, SGI
4DR-5	Canter, T96A, 96B, 98A, 98B, 200C, Bus B200, 210	G-MI-070	2659	4	3	92	2.5, 2, 4.5	CRHK, C, CHSL-B	SGI, GCI, SGI
GDR-5	Jupiter, T44A, 44B, 44C, Bus, B360, BH212, 215	G-MI-071	3988	6	4	92	2.5, 2, 2, 4.5	CRHK, C, N, CHSL-B	SGI, GCI, GCI, SGI
S4ES		G-MI-072	2609	4	3	94	2.5, 2, 4.5	CRHK, C, CHSL-B	SGI, GCI, GCI
S4E, S4S		G-MI-073	2609	4	3	94	2.5, 2, 4.5	CRHK, C, CHSL-B	SGI, GCI, SGI
4DR7		G-MI-074		4	3	95	2.306, 2.306, 2	CRFK, CR, STOR	SGI, GCI, S
6DS1	Truck, T62D, 650B, 650J, 650ZD, Bus, MR620	G-MI-075	4678	6	4	95	2.5, 2, 2, 4.5	CR, C, N, CHSL-B	SGI, GCI, GCI, GCI
6DS3	Truck, T652B, 652E, Bus, B622B	G-MI-076	5103	6	3	95	3, 2, 4.5	CRHK, C, CHSL-B	SGI, GCI, GCI
4M40	Pajero, FB501, FD511	G-MI-077	2835	4	3	95	2.3, 2, 4	CRFK, CR, STOR	S, SGI, S
4M40	Pajero	G-MI-078	2835	4	3	95	2.306, 2, 4	CRFK, CR, STOR	S, SGI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
6DS5	Truck, T630B, 651E, Bus, B620B, 620E, 620BE, Tructor, T651ZR	G-MI-079	4978	6	4	98	3, 2, 2, 5	CR, C, N, CHSL-B	SGI, GCI, GCI, GCI
S4E2		G-MI-080	2960	4	3	98	3, 2, 5	CRHK, C, CHSL-B	SGI, GCI, GCI
6DS5	Truck, T630B, 651E, Bus, B620B, 620E, 620BE	G-MI-081	4978	6	4	98	3, 2, 2, 5	CR, C, N, CHSL-B	GCI, GCI, GCI, GCI
6DS7	Truck, T653B, 653BG, 663C, 663ZD, FK102, Tractor, T653ZR, Bus, B623B, 623E	G-MI-082	5430	6	3	98	3, 2, 5	CRHK, C, CHSL-B	SGI, GCI, GCI
4D30	Truck, Canter, Bus, BE211	G-MI-083	3298	4	3	100	3, 2, 5	CRFK, C, CHSL-B	SGI, GCI, GCI
4D31T	Truck, FE434 Canter	G-MI-084	3298	4	3	100	3, 2, 4	CRHK, CR, STOR	SGI, GCI, S
4D31T	Truck, FE434 Canter	G-MI-085	3298	4	3	100	3, 2, 4	CRHK, CR, STOR	SGI, GCI, S
6D31A	Truck, FK330	G-MI-086	4948	6	3	100	3, 2, 4	CRHK, CR, STOR	SGI, GCI, S
6D31T	Truck, FK330, FE434	G-MI-087	4948	6	3	100	3, 2, 4	CRHK, CR, STOR	SGI, GCI, S
6D31T	Truck, FK330, FE434	G-MI-088	4948	6	3	100	3, 2, 4	CRHK, C, CHSL-B	SGI, SGI, GCI
6D31T	Truck, FK330	G-MI-089	4948	6	3	100	3, 2, 5	CRHK, C, CHSL-B	SGI, GCI, GCI
S6KT		G-MI-090	6380	6	3	102	3, 2, 4	CRHK, CR, STOR	SGI, SGI, S
4D34	Truck, FE 439	G-MI-091	3907	4	3	104	3, 2, 4	CR, CR, STOR	SGI, GCI, S
4D34T	Truck, BE449, 459, FE439	G-MI-092	3907	4	3	104	2.806, 2, 4	CRFK, CR, STOR	SGI, GCI, S
4D32	Truck, FE305, 315, 435	G-MI-093	3567	4		104	3, 2, 4	CRHK, C, CHSL-B	SGI, GCI, SGI
4D32	Truck, FE305, 315, 435	G-MI-094	3567	4	3	104	3, 2, 4	CRHK, CR, STOR	SGI, GCI, S
4D32	Truck, FE305, 315, 435	G-MI-095	3567	4	3	104	3, 2, 4	CRHK, CR, STOR	SGI, GCI, S
4D32	Truck, FE305, 315, 435	G-MI-096	3567	4	3	104	3, 2, 4	CRHK, CR, STOR	SGI, GCI, S
4D32	Truck, FE305, 315, 435	G-MI-097	3567	4	3	104	3, 2, 4	CRHK, C, CHSL-B	SGI, GCI, SGI
4D32	Truck, FE305, 315, 435	G-MI-098	3567	4	3	104	3, 2, 4	CRHK, C, CHSL-B	SGI, GCI, SGI
6D34T		G-MI-099		6	3	104	2.8, 2, 4	CRHK, CR, STOR	SGI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
6D10, 11	Truck, T654B, T654ZR, FK10-3, KK103, Bus, MK103H, MM504H	G-MI-100	6754	6	3	105	3, 2, 5	CRHK, C, CHSL-B	SGI, GCI, SGI
4D33	Truck, FE437, 447	G-MI-101	4214	4	3	108	3, 2, 4	CR, C, CHSL-B	SGI, SGI, GCI
4D33	Truck, FE437, 447	G-MI-102	4214	4	3	108	3, 2, 4	CR, CR, STOR	SGI, GCI, S
4D33	Truck, FE437, 447	G-MI-103	4214	4	3	108	3, 2, 4	CR, CR, STOR	SGI, GCI, S
4D35	Canter, FE538, FE638	G-MI-104	4561	4	3	110	3, 2.5, 4	CR, CR, STOR	SGI, GCI, S
DB31	Truck, T32, 33, 52, 320, 330, 330T, 330D, 335T, 335D, 335, 350, 370, 370D, 380, 385, W11D, AT33, 330, 330T, Bus, R470, 480, MR440, 470, 480, 490, MAR440, 470, 480, 490, B360, 370, 380	G-MI-105	8550	6	5	110	4, 4, 4, 5, 5	CR, C, N, CHSL-B, SOR	SGI, GCI, GCI, GCI, GCI
DB34	Truck, T340, 390, Bus, R470, 480, AR470, 480, MR430, 440, 480, 490, MAR440, 470, 480	G-MI-106	8550	6	5	110	2.5, 2.5, 2.5, 4.5, 4.5	CR, C, N, CHSL-B, SOR	GCI, GCI, GCI, GCI, GCI
6DB	Truck, T416, 486, 410D, 331, 337D, Bus, B820J, MR520, 410, 470, 450, MAR410, 470	G-MI-107	8550	6	4	110	3.5, 2.5, 2.5, 5	CR, C, N, CHSL-B	SGI, GCI, GCI, SGI
6D14	Truck, FK115F, 115H, 115J, 115K, T656ZR, FK115DR, FM215, FK115, Bus, MK115H, MK115, MM115, 515	G-MI-108	6557	6	3	110	3, 2.5, 5	CRHK, C, CHSL-B	SGI, GCI, GCI
6D14T	Truck, FK615, FK415, 515	G-MI-109	6557	6	3	110	3, 2.5, 5	CRHK, C, CHSL-B	SGI, SGI, SGI
6D14-New	Truck, FK615	G-MI-110	6557	6	3	110	3, 2.5, 5	CRHK, C, CHSL-B	SGI, GCI, SGI
6D14	Truck, FK615	G-MI-111	6557	6	2	110	3, 2.5, 4	CR, CR, STOR	SGI, GCI, S
6D14T	MK115, 115H, MM115, 515	G-MI-112	6557	6	3	110	2.8, 2.5, 5	CRFK, CR, STOR	SGI, SGI, S
6D15	Truck, FK116, 216, FM316, M116, 516	G-MI-113	6919	6	3	113	3, 2.5, 5	CRHK, C, CHSL-B	SGI, GCI, GCI
6D15T	Truck, FK116, 216, FM316, M116, 516	G-MI-114	6919	6	3	113	3, 2.5, 5	CRFK, CR, STOR	SGI, SGI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
8DV		G-MI-115		8	4	115	3, 3, 3, 5	CR, C, N, CHSL-B	GCI, GCI, GCI, SGI
6D16	Fighter, FK617A, FK618	G-MI-116	7545	6	3	118	3, 2.5, 4	CR, C, CHSL-B	SGI, GCI, GCI
6D16	Truck, FK617A	G-MI-117	7545	6	3	118	2.806, 2.5, 4	CRFK, C, CHSL-B	SGI, GCI, GCI
6D16T	Truck, Fighter, FK617A, FK618	G-MI-118	7545	6	3	118	2.806, 2.5, 4	CRFK, CR, STOR	SGI, GCI, S
6D16T		G-MI-119		6	3	118	2.8, 2.5, 4	CRFK, CR, STOR	S, GCI, S
S4BB2		G-MI-120		1	3	122	4, 3, 5	CRHK, CR, STOR	SGI, GCI, S
6D20, 21	Truck, NP117JD, FP117FD, FD217RK202, FP117, KI202, Bus, MP117H, MP517, MP117, 517	G-MI-121	10308	6	3	125	4, 3, 6	CRHK, C, CHSL-B	SGI, GCI, GCI
6D20, 21	Truck, NP117JD, FP117FD, FD217R, K202, FP117, K202, Bus, MP117H, MP517, MP117, 517	G-MI-122	10308	6	3	125	3.306, 3, 6	CRFK, C, CHSL-B	SGI, GCI, SGI
6D21	Truck, MP107	G-MI-123	10308	6	3	125	3, 3, 6	CR, C, CHSL-B	SGI, GCI, SGI
6D22	Truck, FP308, MP118, MP518	G-MI-124	11149	6	3	130	3.306, 3, 6	CRFK, C, CHSL-B	SGI, GCI, GCI
6D22	Truck, FP308, MP118, MP518	G-MI-125	11149	6	3	130	3.306, 3, 4	CRFK, C, CHSL-B	SGI, SGI, SGI
6D22	Truck, FP308, MP118, MP518	G-MI-126	11149	6	3	130	3.306, 3, 4	CRFK, CR, STOR	SGI, SGI, S
8DC4G	Truck, T931, T881, T910, FT102, FV112, Bus, B801, B901	G-MI-127	11149	8	3	130	3.306, 3, 6	CRFK, C, CHSL-B	SGI, GCI, GCI
6DC2	Truck, T800GD, 810JT, T920J, FP101FD, W8181D, FP210R, Bus, B820J, B800J, 800K, 800L, B800N, 905N, 805NA, B805L	G-MI-128	9955	6	3	130	4, 3, 6	CRHK, C, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
8DC2, 4, 7	Truck, T811P, 901FD, 936D, 956JD, FT102HD, F102JD, FV102JD, T811BR, 811ZR, FP112M, T902FD, FT102N, 202S, FU112N, 212RFV112JD, FP102DR, FV102HR, FV112HR, W112, 150, 250, 400, NV112KD, HV119KD, FT102, 212S, 911N, FU102N119N, FV119D, FP102DR, 112DR, T901CR, FV113HR, NV113JR, NW112KR, KI252, FQ112H, FS119S, FT112, FU7112, 212, FV119, FU119, FU123, FV119, FT119, 112, FQ112, FV112, NV112, FV313, Bus, B806K, L, N, B905N, NA, B805N, NA, MS512N, 512NA, MS512	G-MI-129	13273	8	3	130	4, 3, 6	CRHK, C, CHSL-B	SGI, GCI, GCI
6D22	Truck, FP313, MP118, 518	G-MI-130	11149	6	3	130	3, 3, 6	CR, C, CHSL-B	SGI, GCI, GCI
SGB		G-MI-131	12880	1	3	132.9	4.07, 3, 6		
8DC6, 8		G-MI-132	14886	8	3	135	4, 3, 6	CR, C, CHSL-B	SGI, GCI, GCI
8DC6, 8	Truck, T902FD, 906FD, 916FD, FT103HD, FT113HD, FU103JD, FV103JD, 113JD, T812ZSR, T816ZR, T902CR, 930CR, 932DRFT102N, 203S, FT113N, 213S, FU103N, 203R, 113N, 213R, FV113JD, FP103FR, T902CR, FV113, FV103HR, 113JR, NW113KR, FW123M, FT113RP, K400, FV113, FW123FT113RP, K400, FV13, FW123, FP113, FT113, FV313, FR113, Bus, B907N, NZ, SA, S, MS513, 613	G-MI-133	14886	8	3	135	4.07, 3, 6	CRHK, C, CHSL-B	SGI, GCI, SGI
10DC6, 8	Truck, T813AR, FP204DR, NW304JR, FT204R, FT214R, FV214JR, NW204JR, FV214, FP214DR, FP214, Bus, MS504R, MS504	G-MI-134	18608	10	3	135	4.07, 3, 6	CRHK, C, CHSL-B	SGI, GCI, SGI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
12DC	Bus, B906R	G-MI-135		12	3	135	4.07, 3, 6	CRHK, C, CHSL-B	SGI, GCI, SGI
8DC81	FT, FJ, FV	G-MI-136	14886	8	3	135	3.306, 3, 6	CRFK, C, CHSL-B	SGI, GCI, SGI
8DC8A	Truck, F413(T, U, V, P)	G-MI-137	14886	8	3	135	3.306, 3, 4	CRFK, CR, STOR	SGI, GCI, S
8DC-9		G-MI-138	16031	8	4	135	3.306, 3, 3, 6	CRFK, C, N, CHSL-B	SGI, GCI, GCI
8DC9(9T)	Tractor, FP215, FV215	G-MI-139	16031	8	4	135	3.306, 3, 3, 6	CRFK, C, CHSL-B	SGI, GCI, SGI
8DC9(9T)	Truck, FT315, FV315, FU315, FS313, FP315, FW125, Bus, MS615	G-MI-140	16031	8	4	135	4.07, 3, 3, 6	CRFK, C, N, CHSL-B	SGI, GCI, GCI, SGI
8DC9T	Truck, FT315, FV315, FU315, FS313, FP315, FW125, Bus, MS615	G-MI-141	16031	8	4	135	3.306, 3, 3, 4	CRFK, CR, N, STOR	SGI, GCI, GCI, S
S6B		G-MI-142	12880	6	3	135	4.07, 3, 6	CRHK, C, CHSL-B	SGI, GCI, SGI
S6B3		G-MI-143	14600	6	3	135	4, 3, 4	CRFK, CR, STOR	SGI, GCI, S
6DH135		G-MI-144		6	3	135	4, 2.5, 6	CR, C, CHSL-B	SGI, GCI, SGI
12DH		G-MI-145		12	3	135	4, 2.5, 6	CR, C, CHSL-B	SGI, GCI, SGI
8DC10	F416, (S, T, U, V, P)	G-MI-146	16752	8	4	138	3.306, 3, 3, 6	CRFK, C, N, CHSL-B	SGI, GCI, GCI, GCI
8DC11A	F419(P, U, V)	G-MI-147	17737	8	4	138	3.306, 3, 3, 4	CRFK, CR, N, STOR	SGI, GCI, GCI, S
8DC11A		G-MI-148			4	140	4, 4, 6, 6	CR, C, CHSL-B, SOR	GCI, GCI, GCI, GCI,
8DC11	KS, FUSO, KC-FV	G-MI-149	16752	8	4	142	3.306, 3, 3, 5	CRFK, C, N, CHSL-B	SGI, GCI, GCI, SGI
8DC11	KS-FUSO, KC-FV	G-MI-150	16752	8	4	142	3.306, 3, 3, 4	CRFK, CR, N, STOR	SGI, GCI, GCI, S
S6AF, S8AF, S12AF		G-MI-151			3	142.9	4.43, 2.95, 6	CRHK, CR, STOR	SGI, GCI, SGI
SGA		G-MI-152		6	3	145	4.5, 3, 6	CR, C, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
S8A, S12A		G-MI-153	21140 & 33930		3	145	4.45, 2.95, 6	CRHK, CR, CR	SGI, GCI, SGI
S6DE	33417-00010	G-MI-154		6	3	150	4.5, 3, 6	CR, C, CHSL-B	SGI, GCI, GCI
S6A, S12A		G-MI-155	18560 & 33930		3	150	4.43, 2.95, 6	CRHK, CR, CR	SGI, GCI, SGI
S6A		G-MI-156		6	3	150	4.43, 2.95, 6	CRFK, C, CHSL-B	SGI, GCI, SGI

MITSUBISHI TRUCK

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
'4G93' (1992-1994)		G-MBT-01	1834	4	3	81	1.2, 1.2, 2.8	CR, N, 3POR	S, GCI, S
'4G93' (1992-1994)		G-MBT-02	1834	4	3	81	1.2, 1.2, 2.8	CR, IBTF, 3POR	S, GCI, S
'4G63' (1984-1989)		G-MBT-03	1997	4	3	85	1.5, 1.5, 4	IBTF, IBTF, 3POR	GCI, GCI, S
1984-1986		G-MBT-04	1997	4	3	85	2, 2, 4	IBTF, IBTF, 3POR	GCI, GCI, S
(1987-1988), '4G64' (1989-1996)		G-MBT-05	2351	4	3	86.5	1.2, 1.5, 2.80	CR, IBTF, 3POR	S, GCI, S
1987-1992		G-MBT-06	2351	4	3	86.5	1.5, 1.5, 4	IBTF, IBTF, 3POR	GCI, GCI, S
4G64' (1993-1995, 1997-1999, 2003-2004)		G-MBT-07	2351	4	3	86.5	1.2, 1.5, 2.80	CR, IBTF, 3POR	S, GCI, S
1984-1989		G-MBT-08	2555	4	3	91.1	1.5, 1.5, 4	IBTF, RTFIB, 3POR	GCI, GCI, S
1983		G-MBT-09	2555	4	3	91.1	2, 2, 4	CR, RTFIB, 3POR	SGI, GCI, S
'6G72' (1989-1994)		G-MBT-10	2972	6	3	91.1	1.5, 1.5, 4	IBTF, RTFIB, 3POR	GCI, GCI, S
1989-1992		G-MBT-11	2972	6	3	91.1	1.2, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
'6G72' (1995-1997, 1999-2003)		G-MBT-12	2972	6	3	91.1	1.5, 1.5, 4	IBTF, RTFIB, 3POR	GCI, GCI, S
1995-1997		G-MBT-13	2972	6	3	91.1	1.2, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
'K' (2006-2009	Chrysler Power-Tech	G-MBT-14	3703	6	3	93	1.5, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
2006-2009	Chrysler Power-Tech	G-MBT-15	3703	6	3	93	1.5, 1.5, 3	CR, RTFIB, 3POR	S, GCI, S
'N' (2006-2007)		G-MBT-16	4703	6	3	93	1.5, 1.5, 3	CR, IBTF, 3POR	SGI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
AKD 10 Z, AKD 10 D, AKD 10 V		G-MWM-001	1005 & 1507 & 2006	2, 3, 4	4	80	2.5, 2.5, 2.5, 5	CTF, CTF, CTF, DB-SOR	GCI, GCI, GCI, GCI.
KD 11 E, RL 11 E, KD 11 Z, KD 211 Z		G-MWM-002	550 & 625 & 1100 & 1250	1, 1, 2, 3	5	85	2.5, 2.5, 2.5, 5, 5	CRTF, CIB, CIB, DB-SOR, DB-SOR	GCI, GCI, GCI, GCI, GCI
D 987, LKS, LKS-R	Industrie--motor	G-MWM-003	567	1	3	85	3, 3, 5	CRIB, N, DB-PCL	GCI, GCI, GCI
KD 10.5 D, KD 110.5 D, KD 110.5 Z, KD 110.5 V, KD 110.5 S		G-MWM-004	2000 & 1340 & 2670 & 4010	3, 2, 4, 6	4	90	2.5, 2.5, 2.5, 5	CRIB, CTF, N, BPSL	GCI, GCI, GCI, GCI
D 225, D 325, 925 L, D 225, D 325, D 925 L3, D 225, D 325, 925 L, D 225, D 325, 925 L, D 208 2, D 308 2, D 302, D 208 3, D 308 3, D 303, D 208 4, D 308 4, D 202, D 206 6, D 308 6, D 202, D 301		G-MWM-005	1700 & 2550 & 3400 & 5100 & 1490 & 2235 & 3080 & 4470 & 745	2, 3, 4, 6, 2, 3, 4, 6, 1	4	95	3, 3, 3, 5	CRHK, C, N, BPSL	GCI, GCI, GCI, GCI
KD 12 E, KD 12 Z, KD 12 D, KD 12 V		G-MWM-006	880 & 1700 & 2550 & 3400	1, 2, 3, 4	5	95	3, 3, 3, 5, 5	CR, C, N, BPSL, SOR	GCI, GCI, GCI, GCI, GCI
AKD 12 / 112, 321-2, AKD 12 / 1112, 321-3, AKD 12 / 112, 321-4		G-MWM-007	1810 & 2720 & 3620	2, 3, 4	5	98	3, 3, 3, 5, 5	CTF, CTF, CTF, SOR, SOR	GCI, GCI, GCI, GCI, GCI
D 324-2, D 227-2, D, D 327, D 227-4327, D 227-3, D 327, D 227-6, D 303, D 203	Traktor Renault, Traktor Renault, Traktor Renault	G-MWM-008	1885 & 2827 & 3370 & 5655 & 1650 & 2475	2, 3, 4, 6, 2, 3	4	100	3, 2, 2, 4	CRFK, CTF, NTF, CHSL-B	SGI, GCI, GCI. GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
D 893, D 229, D 229, TD 229, D 229, TD 229		G-MWM-009	2940 & 3920 & 5880	1, 3, 4, 6	3	102	3, 2.5, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
4.10TCA, 6.1		G-MWM-010		4, 6	3	103	3, 2.5, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
D 226-2, D 226-3, D 226-4, TD 226, TD 228, D 226-6, TD 226,, TD 228	Traktor, Industrie--motor	G-MWM-011	2080 & 3120 & 4160 & 6240	2, 3, 4, 6	4	105	3, 2, 2, 4	CRFK.CTF, N, CHSL-B	SGI, GCI, GCI, GCI
D 226 B / 2, D 226 B / 3, TD 226-B / 3, D 226 B-4, TD 226-4, TD 226-B / 4, D 226 B / 6, TD 226-6, TD 226-B / 6	Fendt Traktoren, Traktor 851 / -4, Fendt Traktoren, Traktor 951, Fendt Traktoren	G-MWM-012	2080 & 3120 & 4160 & 6240	2, 3, 4, 6	3	105	3, 2, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
TD 232-S, TD 232-A, TD 232-12, TBD 232-12		G-MWM-013		V6, V8, V12	4	120	3, 3, 3, 5	CRHK, CTF, NTF, CHSL-B	SGI, GCI, GCI, GCI
TD 232-S, TD 232-A, TD 232-12, TBD 232-12		G-MWM-014	8820 & 11760 & 17640	V6, V8, V12	4	120	3.5, 3, 3, 5	CRFK, CTF, NTF, CHSL-B	SGI, GCI, GCI, GCI
D / TD / TBC, 233 S, D / TD / TBD, 233 A, D / TD / TBD, 233-12		G-MWM-015	9570 & 12760 & 19140	6, V8, V12	4	125	3.5, 3, 3, 5	CRFK, CTF, NTF, CHSL-B	SGI, GCI, GCI, GCI
TBD 234, TBD 234, TBD 234, TBD 234		G-MWM-016	10804 & 14405 & 21607 & 28800	6, 8, 12, 16	3	128	3.5, 3, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
TBG 616, V8 K, TBG 616, V12 K, TBG 616, V16 K	Stationär-motor, Stationary Engine	G-MWM-017	17500 & 26300 & 35000	8, 12, 16	3	132	4, 3, 3.5	CRFK, CRTF, CHSL-B	GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
RHS 418 / 518 Z, RHS 418 / 518 D, RHS 418 / 518 V, RHS 418 / 518 S, TRHS 518 S, RHS 418 / 518 A, TRHS 518 A, RHS 518 V 12, TRHS V 12, RHS 518 V 16, TRHS 518 V 16		G-MWM-018	5540 & 8310 & 11080 & 16620 & 22160 & 33240 & 44300	2, 3, 4, 6, 8, 10, 12, 16	5	140	3.5, 3.5, 3.5, 6, 6	CR, CIB, CIB, DB-SOR, DB-SOR	GCI, GCI, GCI, GCI, GCI

Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
COMANCHE FOUR	G-NS-01	2490	4	3	98.4	3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
4-152	G-NS-02	2490	4	3	98.4	3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
4-196 1966-1980	G-NS-03	3212	4	3	104.8	3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
BD220, BG220, S220, SD220, U220	G-NS-04	3605	6	3	90.5	3 / 32", 1 / 8", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
BD220, BG220, S220, SD220, U220	G-NS-05	3605	6	4	90.5	3 / 32", 1 / 8", 1 / 8", 3 / 16"	IBTF, TF, TF, 3POR	GCI, GCI, GCI, S
SD220 1953-1954	G-NS-04	3605	6	3	90.5	3 / 32", 1 / 8", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
SD220 1953-1954	G-NS-05	3605	6	4	90.5	3 / 32", 1 / 8", 1 / 8", 3 / 16"	IBTF, TF, TF, 3POR	GCI, GCI, GCI, S
PT6 1969-1972	G-NS-08	3801	6	3	95.3	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
PT6 1969-1972	G-NS-09	3801	6	3	95.3	5 / 64", 5 / 64", 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
SD240 1953-1954	G-NS-10	3933	6	3	90.5	3 / 32", 1 / 8", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
SD240 1953-1954	G-NS-11	3933	6	4	90.5	3 / 32", 1 / 8", 1 / 8", 3 / 16"	IBTF, TF, TF, 3POR	GCI, GCI, GCI, S
BD240, SD240	G-NS-12	3933	6	3	90.5	3 / 32", 1 / 8", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
BD240, SD240	G-NS-13	3933	6	3	90.5	3 / 32", 1 / 8", 1 / 8", 3 / 16"	IBTF, TF, TF, 3POR	GCI, GCI, GCI, S
BG241	G-NS-14	3949	6	3	90.5	3 / 32", 1 / 8", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
BG241	G-NS-15	3949	6	4	90.5	3 / 32", 1 / 8", 1 / 8", 3 / 16"	IBTF, TF, TF, 3POR	GCI, GCI, GCI, S
BG241	G-NS-16	3949	6	3	90.5	3 / 32", 1 / 8", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
BG241	G-NS-17	3949	6	4	90.5	3 / 32", 1 / 8", 1 / 8", 3 / 16"	IBTF, TF, TF, 3POR	GCI, GCI, GCI, S
American Motors, 1972-1974	G-NS-18	4227	6	3	953	5 / 64", 5 / 64", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
American Motors, 1972-1974	G-NS-19	4227	6	3	95.3	5 / 64", 5 / 64", 3 / 16"	IBTF, RTFIB, 3POR	GCI, GCI, S
V266 16V V8 International 1959-1975	G-NS-20	4359	8	3	92.1	3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, 3POR	GCI, GCI, S
FAC269 1953-1962	G-NS-21	4408	6	4	90.5	3 / 32", 1 / 8", 1 / 8", 3 / 16"	IBTF, TF, TF, 3POR	GCI, GCI, GCI, S
BLD269A 1942-1949	G-NS-22	4408	6	4	90.5	3 / 32", 1 / 8", 1 / 8", 3 / 16"	IBTF, TF, TF, 3POR	GCI, GCI, GCI, S
BLD269 1942-1956	G-NS-23	4408	6	4	90.5	3 / 32", 1 / 8", 1 / 8", 3 / 16"	IBTF, TF, TF, 3POR	GCI, GCI, GCI, S

Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
FBB298, FBB3	G-NS-24	4883	6	4	95.3	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRTF, TF, TF, SOR	GCI, GCI, GCI, S
V304, V304E 16V V8 International	G-NS-25	4981	8	3	98.4	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
V304, V304E 16V V8 International	G-NS-26	4981	8	3	98.4	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
V345, V345E	G-NS-27	5653	8	3	98.4	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
V345, V345E	G-NS-28	5653	8	3	98.4	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
DT360 1987-1995; Direct Injection; To Engine S / N 39374	G-NS-29	5899	6	3	101.9	1 / 8", 5 / 32", 5 / 32"	CRFK, CRHK, CHSL-B	SGI, SGI, GCI
DT360A 1987-1993	G-NS-30	5899	6	3	101.9	1 / 8", 5 / 32", 5 / 32"	CRFK, CRHK, CHSL-B	SGI, SGI, GCI
DT360 1987-1995; Direct Injection; From Engine S / N 2390976	G-NS-31	5899	6	3	101.9	1 / 8", 1 / 8", 5 / 32"	CRFK, CRHK, CHSL-B	SGI, SGI, GCI
RD372 1949-1968	G-NS-32	6096	6	3	111.1	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, DBSOR	GCI, GCI, GCI
RD372 1949-1968; HS3081 Engine S / N To 128918	G-NS-33	6096	6	3	111.1	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, DBSOR	GCI, GCI, GCI
RD372 1949-1968; HS3205 From Engine S / N 128919 and Up	G-NS-34	6096	6	3	111.1	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, C-86	GCI, GCI, GCI
V392 1968-1987	G-NS-35	6423	8	3	104.8	3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, CHSL-B	GCI, GCI, GCI
V392 1968-1987	G-NS-36	6423	8	3	104.8	3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
V392, V392E 1968-1987	G-NS-37	6423	8	3	104.8	3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, CHSL-B	GCI, GCI, GCI
V392, V392E 1968-1987	G-NS-38	6423	8	3	104.8	3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
V400 International	G-NS-39	6554	8	3	105.8	5 / 64", 5 / 64", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
VS401 1968-1975	G-NS-40	6571	8	3	104.8	3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, CHSL-B	GCI, GCI, GCI
VS401 1968-1975	G-NS-41	6571	8	3	104.8	3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
V401 1956-1972	G-NS-42	6571	8	3	104.8	3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, CHSL-B	GCI, GCI, GCI
V401 1956-1972	G-NS-43	6571	8	3	104.8	3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S

Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
MV404 1975-1982, International	G-NS-44	6620	8	3	104.8	3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, CHSL-B	GCI, GCI, GCI
MV404 1975-1982, International	G-NS-45	6620	8	3	104.8	3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
RD406 1949-1977	G-NS-46	6653	6	3	111.1	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, DBSOR	GCI, GCI, GCI
RD406 1949-1977	G-NS-47	6653	6	3	111.1	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, DBSOR	GCI, GCI, GCI
Turbo.1993-1997	G-NS-48	6686	6	3	109.2	1 / 8", 1 / 8", 4	CRFK, CRHK, CHSL-B	SGI, SGI, GCI
420 1980-1988; 16V V8 International; From Engine S / N 36, 59209	G-NS-49	6882	8	3	101.6	5 / 64", 5 / 64", 7 / 64"	CR, RTFIB, CHSLB	SGI, GCI, SGI
T44E 1994-2003, Power Stoke, Direct Injection 37, Turbocharged	G-NS-50	7275	8	3	104.4	5 / 64", 5 / 64", 7 / 64"	CR, RTFIB, CHSLB	SGI, GCI, S,
T44E 1994-2003, Power Stoke, Direct Injection 37, Turbocharged	G-NS-51	7275	8	3	104.4	1 / 8", 5 / 64", 0.136"	CRFK, RTFIB, CHSL-B	SGI, GCI, GCI
T44E 1994-2003, Power Stoke, Direct Injection 37, Turbocharged	G-NS-52	7275	8	3	104.4	1 / 8", 5 / 64", 3 / 16"	CRFK, RTFIB, CHSL-B	SGI, GCI, GCI
444 1988-1995, Indirect Injection	G-NS-53	7275	8	3	104.4	5 / 64", 5 / 64", 7 / 64"	CR, RTFIB, CHSLB	SGI, GCI, S,
444 1988-1995, Indirect Injection	G-NS-54	7275	8	3	104.4	3, 2, 3.45	CR, RTFIB, CHSL-B	S, GCI, GCI
444 1988-1995, Indirect Injection	G-NS-55	7275	8	3	104.4	0.118", 5 / 64", 3 / 16"	CR, RTFIB, CHSL-B	SGI, GCI, GCI
V446	G-NS-56	7308	8	3	104.8	3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, CHSL-B	GCI, GCI, GCI
V446	G-NS-57	7308	8	3	104.8	3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
MV446 1975-1981 NATURAL GAS,	G-NS-58	7308	8	3	104.8	3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, CHSL-B	GCI, GCI, GCI
MV446 1975-1981 NATURAL GAS,	G-NS-59	7308	8	3	104.8	3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
MV446 1974-1981	G-NS-60	7308	8	3	104.8	3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, CHSL-B	GCI, GCI, GCI
MV446 1974-1981	G-NS-61	7308	8	3	104.8	3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
RD450 1953-1968	G-NS-62	7374	6	3	111.1	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, DBSOR	GCI, GCI, GCI
1943-1971; 218-7533 To Engine S / N 36670	G-NS-63	7374	6	3	111.1	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, DBSOR	GCI, GCI, GCI

Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
RD450 1953-1968	G-NS-64	7374	6	3	111.1	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, DBSOR	GCI, GCI, GCI
VS461	G-NS-65	7308	8	3	104.8	3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, CHSL-B	GCI, GCI, GCI
VS461	G-NS-66	7308	8	3	104.8	3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
V461 1956-1964	G-NS-67	7308	8	3	104.8	3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, CHSL-B	GCI, GCI, GCI
V461 1956-1964	G-NS-68	7308	8	3	104.8	3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
Turbo.1978-1982; Engine S / N Prefix 467; From Engine 47, S / N 76440	G-NS-69	7636	6	3	109.2	1 / 8", 1 / 8", 4	CRFK, CRHK, CHSL-B	SGI, SGI, GCI
Turbo.1978-1982; Engine S / N Prefix 467; From Engine 47, S / N 76440	G-NS-70	7636	6	3	109.2	1 / 8", 1 / 8", 1 / 4"	CRFK, CRHK, CHSL-B	SGI, SGI, GCI
Turbo.Engine S / N 594841-618495, Prefix Starting 468	G-NS-71	7636	6	3	109.2	1 / 8", 1 / 8", 1 / 4"	CRFK, CRHK, CHSL-B	SGI, SGI, GCI
1978-1982; From Engine S / N 76440	G-NS-72	7636	6	3	109.2	1 / 8", 1 / 8", 4	CRFK, CRHK, CHSL-B	SGI, SGI, GCI
Turbo.Engine S / N Prefix Starting 469h	G-NS-73	7636	6	3	109.2	1 / 8", 1 / 8", 4	CRFK, CRHK, CHSL-B	SGI, SGI, GCI
Turbo.Engine S / N Prefix Starting 469h	G-NS-74	7636	6	3	109.2	1 / 8", 0.117, 5 / 32"	CRFK, RTFIB, CHSL-B	SGI, SGI, GCI
Turbo.1975-2001; From Engine S / N 38089	G-NS-75	7636	6	3	109.2	1 / 8", 1 / 8", 4	CRFK, CRHK, CHSL-B	SGI, SGI, GCI
Turbo.1975-2001; From Engine S / N 38089	G-NS-76	7636	6	3	109.2	1 / 8", 1 / 8", 1 / 4"	CRFK, CRHK, CHSL-B	SGI, SGI, GCI
Turbo.1983-1993; Engine S / N 59841-618495, Prefix 52, Starting 468	G-NS-77	7636	6	3	109.2	1 / 8", 1 / 8", 4	CRFK, CRHK, CHSL-B	SGI, SGI, GCI
Turbo.1983-1993; Engine S / N 59841-618495, Prefix 52, Starting 468	G-NS-78	7636	6	4	109.2	3, 3 / 32", 3 / 32", 1 / 4"	CRFK, IBTF, IBTF, CHSL-B	SGI, GCI, GCI, GCI
Turbo.1983-1993; Engine S / N 59841-618495, Prefix 52, Starting 468	G-NS-79	7636	6	3	109.2	1 / 8", 1 / 8", 1 / 4"	CRFK, CRHK, CHSL-B	SGI, SGI, GCI
Turbo.From Engine S / N 618496; For 250 and 270 HP	G-NS-80	7636	6	3	109.2	1 / 8", 1 / 8", 4	CRFK, CRHK, CHSL-B	SGI, SGI, GCI

Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
1983-1987	G-NS-81	7636	6	3	109.2	1 / 8", 1 / 8", 4	CRFK, CRHK, CHSL-B	SGI, SGI, GCI
1983-1987	G-NS-82	7636	6	3	109.2	1 / 8", 1 / 8", 1 / 4"	CRFK, CRHK, CHSL-B	SGI, SGI, GCI
Turbo.1975-2001; To Engine S / N 38089	G-NS-83	7636	6	3	109.2	1 / 8", 1 / 8", 1 / 4"	CRFKIS, CRHK, CHSL-B	SGI, SGI, GCI
Turbo.1978-1982; Engine S / N Prefix 467; To Engine S / N 56 76439	G-NS-84	7636	6	3	109.2	1 / 8", 1 / 8", 4	CRFK, CRHK, CHSL-B	SGI, SGI, GCI
Turbo.1978-1982; Engine S / N Prefix 467; To Engine S / N 56 76439	G-NS-85	7636	6	4	109.2	3, 3 / 32", 3 / 32", 1 / 4"	CRFK, IBTF, IBTF, CHSL-B	SGI, GCI, GCI, GCI
Turbo.1983-1993	G-NS-86	7636	6	3	109.2	1 / 8", 1 / 8", 4	CRFK, CRHK, CHSL-B	SGI, SGI, GCI
Turbo.1983-1993	G-NS-87	7636	6	4	109.2	3, 3 / 32", 3 / 32", 1 / 4"	CRFK, IBTF, IBTF, CHSL-B	SGI, GCI, GCI, GCI
Turbo.1983-1993	G-NS-88	7636	6	3	109.2	1 / 8", 1 / 8", 1 / 4"	CRFK, CRHK, CHSL-B	SGI, SGI, GCI
1978-1982; To Engine S / N 76439	G-NS-89	7636	6	3	109.2	1 / 8", 1 / 8", 1 / 4"	CRFKIS, CRHK, CHSL-B	SGI, SGI, GCI
1978-1982; To Engine S / N 76439	G-NS-90	7636	6	3	109.2	1 / 8", 1 / 8", 1 / 4"	CRFK, CRHK, CHSL-B	SGI, SGI, GCI
Turbo.	G-NS-91	7636	6	3	109.2	1 / 8", 1 / 8", 4	CRFK, CRHK, CHSL-B	SGI, SGI, GCI
Turbo.	G-NS-92	7636	6	3	109.2	1 / 8", 0.117, 5 / 32"	CRFK, RTFIB, CHSL-B	SGI, SGI, GCI
V478	G-NS-93	7833	8	3	114.3	3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, CHSL-B	GCI, GCI, GCI
VS478	G-NS-94	7833	8	3	114.3	3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, CHSL-B	GCI, GCI, GCI
V549 1956-1972	G-NS-95	8996	8	3	114.3	3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, CHSL-B	GCI, GCI, GCI
V549 1956-1972	G-NS-96	8996	8	4	114.3	3 / 32", 3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, IBTF, CHSL-B	GCI, GCI, GCI, GCI
VS549LPG 1970-1975	G-NS-97	8996	8	3	114.3	3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, CHSL-B	GCI, GCI, GCI
VS549LPG 1970-1975	G-NS-98	8996	8	4	114.3	3 / 32", 3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, IBTF, CHSL-B	GCI, GCI, GCI, GCI
FTVS549 1970-1975	G-NS-99	8996	8	3	114.3	3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, CHSL-B	GCI, GCI, GCI

Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
FTVS549 1970-1975	G-NS-100	8996	8	4	114.3	3 / 32", 3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, IBTF, CHSL-B	GCI, GCI, GCI, GCI
VS549 1968-1978	G-NS-101	8996	8	3	114.3	3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, CHSL-B	GCI, GCI, GCI
VS549 1968-1978	G-NS-102	8996	8	4	114.3	3 / 32", 3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, IBTF, CHSL-B	GCI, GCI, GCI, GCI
FTV549 1970-1972	G-NS-103	8996	8	3	114.3	3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, CHSL-B	GCI, GCI, GCI
FTV549 1970-1972	G-NS-104	8996	8	4	114.3	3 / 32", 3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, IBTF, CHSL-B	GCI, GCI, GCI, GCI
V549LPG 1970-1971	G-NS-105	8996	8	3	114.3	3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, CHSL-B	GCI, GCI, GCI
V549LPG 1970-1971	G-NS-106	8996	8	4	114.3	3 / 32", 3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, IBTF, CHSL-B	GCI, GCI, GCI, GCI
D9 1980-1988	G-NS-107	9029	8	3	114.6	1 / 8", 3 / 32", 3 / 16"	CRFK, IBTF, CHSL-B	SGI, GCI, GCI
DVTI573B	G-NS-108	9389	8	3	114.3	1 / 8", 3 / 32", 1 / 4"	CRFK, CRFK, CHSL-B	SGI, SGI, GCI
DVTI573	G-NS-109	9389	8	4	114.3	1 / 8", 3 / 32", 3 / 32", 1 / 4"	CRFK, IBTF, IBTF, CHSL-B	SGI, GCI, GCI, GCI
DVT573 1968-1971	G-NS-110	9389	8	4	114.3	1 / 8", 3 / 32", 3 / 32", 1 / 4"	CRFK, IBTF, IBTF, CHSL-B	SGI, GCI, GCI, GCI
DVT573 1968-1971	G-NS-111	9389	8	3	114.3	1 / 8", 3 / 32", 1 / 4"	CRFK, CRFK, CHSL-B	SGI, SGI, GCI
DVT800	G-NS-112	13077	8	3	135	1 / 8", 3 / 32", 1 / 4"	CRFK, CR, CHSL-B	SGI, SGI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
MA10, MA10ET	March	G-NI-001	987	4	3	68	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S,
CG10, CG13	March, E-HK11, K11	G-NI-002	1000 & 1300	4	3	71	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S,
GA13DS		G-NI-003	1300	4	3	71	1.5, 1.5, 2.8	CR, C, TPOR	SGI, GCI, S
10, A12, A13, F1, JC	Bluebird, P411, Truck, 520, 521, V521, U521, 620, G620, A321, VA31, SA321, UA321, KA321, KPA321, Bus, GKA321, Sunny 1200, B10, KB10, KC20, VB10, B20, Bus, GKA321, Sunny 1200, B 10, KB10, KC20, VB10, B20, Sunny Truck, VB10, B120, Cherry, PE10, KPE10, F10, KF10, VP10VF10, BF11, A-KP0C20D, H-VF10, H-PC20S, VPC20S, Bluebird 1200, P410, WP410, TruckAD320, A320, SA320, UA320, KA320, VA320	G-NI-004	1171	4	3	73	1.984, 1.984, 3.967	CR, C, TPOR	SGI, GCI, S
J120	Cedric, P130, WP130, VP130	G-NI-005	1973	6	3	73	1.984, 1.984, 3.967	CR, C, TPOR	SGI, GCI, S
E10S	Sunny, P130, VP130, WP130	G-NI-006	1000	4	3	73	1.5, 1.5, 4	CR, C, TPOR	SGI, GCI, S
GA14S	AD Ban, R-VY10, VFY10	G-NI-007	1400	4	3	73.6	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S
GA15DS	AD Ban, R-VY10, VF610	G-NI-008	1500	4	3	73.6	1.5, 1.5, 2.8	CR, C, TPOR	SGI, GCI, S
G1	Skyline, A41, 50, 51, Truck, 430442640	G-NI-009	1484	4	3	75	2.4, 2.4, 4	CR, C, CHSL-B	GCI, GCI, GCI,
G7	Skyline 54, Truck, 41, 43, PA30, VPA30	G-NI-010	1988	6	3	75	2.4, 2.4, 4	CR, C, CHSL-B	GCI, GCI, GCI,
A12A	Sunny, YN-KNN10, Pulsar	G-NI-011	1171	4	3	75	2, 2, 4	CR, C, TPOR	SGI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
A14	Sunny, B-KA10, H-VA10, B-A10, B-KHB211, B-HB211, B-KPF11, Violet, H-VHB210, HN10, VHB310, 311, A-11, VHN10, 11, HB-310, VYT-10, PC, PCG121, WHB310	G-NI-012	1397	4	3	76	2, 2, 4	CR, C, TPOR	SGI, GCI, S
A14, A15	Sunny, Pulsar	G-NI-013	1397	4	3	76	1.2, 2, 4	CR, C, TPOR	S, GCI, S
A15	Sunny, Pulsar	G-NI-014	1397	4	3	76	1.2, 2, 4	CR, C, TPOR	S, GCI, S
E13, E13S, E15, E15S	Pulsar, Sunny, Pulsar AD Van, Sunny AD Van, Datsun AD Van, Sunny C California, Laurel Spirit, AD Van	G-NI-015	1270 & 1487	4	3	76	1.5, 1.5, 4	CR, C, TPOR	SGI, GCI, S
E13, E15	Sunny, Pulsar	G-NI-016	1300 & 1500	4	3	76	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
E13, E15	Sunny, Pulsar	G-NI-017	1300 & 1500	4	3	76	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
E15T		G-NI-018		4	3	76	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
GA16S	Sunny Pulsar, VW10, VAJC23, EB13, KAJC23	G-NI-019	1600	4	3	76	1.5, 1.5, 2.8	CR, C, TPOR	SGI, GCI, S
GA16	Sunny Pulsar, VW10, VAJC23, EB13, KAJC23	G-NI-020	1600	4	3	76	1.5, 1.5, 2.8	CR, C, TPOR	SGI, GCI, S
VD20DE		G-NI-021		6	3	76	1.2, 1.2, 2.5	CR, C, TPOR	S, GCI, S
J15, J16	Caravan, Datsun, Truck, N521, G521, UN521, VN521, Bus, SVE20, H-VSE20, Bus, VE20, HE20, KT20, GKE20	G-NI-022	1567	4	3	77.95	2, 2, 4	CR, C, TPOR	SGI, GCI, S
L20ET	Skyline	G-NI-023	1998	6	3	77.95	2, 2, 4	CR, C, TPOR	SGI, GCI, S
L20A		G-NI-024	1998	6	3	77.95	2, 2.5, 4	CR, C, TPOR	SGI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
L20A	Cedric, H130, WH130, VH130, K230, W230, V230, K330, L330, HV330, Blue Bird, C-RG810, KG610, G610, Gloria, HA30, VHA30, Skyline 2000GT, GC10, GC110, AGC110, KGC110, KPC110, WPC110, KGC10, Fairlady-Z, S30, PS30, SG30, A-S30, AG610, KG610, CRG810	G-NI-025	1998	6	3	77.95	1.5, 2, 4	CR, C, TPOR	SGI, GCI, S
L20A-New	Skyline-Fairlady	G-NI-026	1998	6	3	77.95	1.2, 2, 4	CR, C, TPOR	S, GCI, S
CA16	Stanza, Auster	G-NI-027	1598	4	3	77.95		CR, C, TPOR	SGI, GCI, S
CA16	Stanza, Auster	G-NI-028	1598	4	3	77.95	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S
CA16DE		G-NI-029		4	3	77.95	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S
VG20	Cedric, Fairlady-Z	G-NI-030	1998	6	3	77.95	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S
RB20E		G-NI-031	1998	6	3	77.95	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S
J18		G-NI-032	1800	4	3	80.5	1.5, 2, 4	CR, C, TPOR	SGI, GCI, S
G15	Skyline, C10, C10M, C10WT, C10S, WC10M, VC10M, VC10S	G-NI-033	1483	4	3	82	2, 2, 4	CR, C, TPOR	GCI, GCI, S
S20	Fairlady, PS30	G-NI-034	1989	6	3	82	2, 2, 4	CR, C, TPOR	GCI, GCI, S
SR18DI		G-NI-035		4	2	82.5	1.5, 3	CR, C, TPOR	S, S
CA18N	FC33, FJ32, KHGC22	G-NI-036	1800	4	3	82.7	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S
CA18		G-NI-037		4	3	83	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S
L13, L14, L16	Bluebird 1300, 510, V510, W510, Bluebird 1400, N510, VH510, Violet J710, JK710, VJ710, Sunny, A-PB210, PB210	G-NI-038	1300 & 1400 & 1600	4	3	83	2, 2, 4	CR, C, TPOR	SGI, GCI, S
L24, L26	Bluebird	G-NI-039	2400 & 2600	6	3	83	2, 2, 4	CR, C, TPOR	SGI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
L24	Bluebird	G-NI-040	2400	6	3	83	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
Z16	Violet, Auster, BC111, J811, SKS110, PA11, PA10, GRA, FPA, KL811	G-NI-041	1595	4	3	83	1.2, 2, 4	CR, C, TPOR	S, GCI, S
Z16	Violet, Auster	G-NI-042	1595	4	3	83	2, 2, 4	CR, C, TPOR	SGI, GCI, S
L24	Bluebird	G-NI-043	2400	6	3	83	1.5, 1.5, 4	CR, C, TPOR	SGI, GCI, S
CA18T	Stanza, Auster	G-NI-044	1809	4	3	83	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S
L24	Bluebird	G-NI-045	2400	6	3	83	1.2, 2, 4	CR, C, TPOR	S, GCI, S
L24	Bluebird	G-NI-046	2400	6	3	83	1.5, 2, 4	CR, C, TPOR	SGI, GCI, S
CA18	Stanza, Auster	G-NI-047	1809	4	3	83	1.5, 1.5, 4	CR, C, TPOR	SGI, GCI, S
CA20	Bluebird, M11, KMGC22, VNY30	G-NI-048	1973	4	3	84.5	1.5, 1.5, 4	CR, C, TPOR	SGI, GCI, S
CA20S	KMGC22, M11, VNY30	G-NI-049	2000	4	3	84.5	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S
CA20S	KMGC22, VNY30	G-NI-050	1973	4	3	84.5	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S
CA20	Bluebird, M11, KMGC22, VNY30	G-NI-051	1973	4	3	84.5	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S
CA20	Bluebird, M11, KMGC22, VNY30	G-NI-052	1973	4	3	84.5	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
Z18	Bluebird	G-NI-053	1770	4	3	85	2, 2, 4	CR, C, TPOR	SGI, GCI, S
G18, L18	Laurel, C30, kc30, Skyline, PC10, 110, WPC10110, PKC10, 110, VPC10, 110, Bluebird, KH510, P610, KP610, H510, KIH510, AP610, C-PJ810, CP810	G-NI-054	1770	4	3	85	2, 2, 4	CR, C, TPOR	GCI, GCI, S
Z18	Auster, Stanza, KPC231, F30, PC231, FRA11, P, PG, WP910, S-KS110	G-NI-055	1770	4	3	85	1.2, 2, 4	CR, C, TPOR	S, GCI, S
Z20F	Bluebird, Silvia	G-NI-056	1952	4	3	85	1.2, 1.5, 4	CR, C, TPOR	S, GCI, S
Z20	Laurel, KVC231	G-NI-057	1952	4	3	85	1.5, 1.5, 4	CR, C, TPOR	SGI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
Z20	Laurel, KHE24	G-NI-058	1952	4	3	85	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
L20B	Skyline	G-NI-059	1998	4	3	85	2, 2, 4	CR, C, TPOR	SGI, GCI, S
L20B	Skyline	G-NI-060	1998	4	3	85	1.2, 2, 4	CR, C, TPOR	S, GCI, S
P	Truck, 680, 681, 780, 780, 780, T780, S780, Bus, E690	G-NI-061	3956	6	3	85.69	2.5, 2.5, 4.73	CR, C, TPOR	GCI, GCI, S
P40		G-NI-062		6	3	85.69	2.5, 2.5, 4.73	CR, C, TPOR	SGI, GCI, S
RB30E		G-NI-063	3000	6	3	86	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S
L28E	Leopard, Fairlady	G-NI-064	2753	6	3	86	2, 2, 4	CR, C, TPOR	SGI, GCI, S
L28	Laurel 2800, A-P330, KSC130, KP330, CKNC230, A-SC130, CNC230	G-NI-065	2753	6	3	86	2, 2, 4	CR, C, TPOR	SGI, GCI, S
L28	Laurel 2800, A-P330, KSC130, KP330, CKNC230, A-SC130, CNC230	G-NI-066	2753	6	3	86	1.2, 2, 4	CR, C, TPOR	S, GCI, S
L28E	Laurel, A-P330, KSC130, KP330, CKNC230, A-SC130, CNC230	G-NI-067	2753	6	3	86	1.5, 2, 4	CR, C, TPOR	SGI, GCI, S
L28E	A-P330, KSC130, KP330, CKNC230, A-SC130, CNC230	G-NI-068	2753	6	3	86	1.5, 2, 4	CR, C, TPOR	SGI, GCI, S
SR20DE	Bluebird, HP10, PS13, KBC23, NU13, RNN14	G-NI-069	1998	4	3	86	1.5, 1.5, 3	CR, C, TPOR	S, GCI, S
NA20S		G-NI-070		4	3	86	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
VG30	Cedric, Fairlady, Gloria	G-NI-071	2960	6	3	87	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S
VG30	Caraban, BP430, KEE24, WHYD21, JPY32, Z32, PY32, CZ32	G-NI-072	2960	6	3	87	3.1, 3.8, 2.47	CR, C, TPOR	SGI, GCI, S
VG30	Caraban, PY31, KE24, WHYD21, JPY32, Z32, PY32, CZ32	G-NI-073	2960	6	3	87	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
Z22	Datsun Truck, Cabstar, UW40	G-NI-074	2187	4	3	87	1.5, 1.5, 4	CR, C, TPOR	SGI, GCI, S
Z22	Datsun Truck, Cabstar, UW40	G-NI-075	2187	4	3	87	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
H20, H20P	Cedric, 130, V130, N230, VN230, AN230, Bus, GC240, GC142CH240, GHC240, GHC1412, CHWT40, GHT40, A-K0PSE20, H-GKPE20, GHWT40, 657, 664, KC142, KC240, Truck, HC240, 655, 657, 662 C142, C240, DC240, VC655, D660, 641, V641, 641A, 642, 41, 140, Silvia CPS311, Fairlady, SP311, Bluebird, R411, Truck, 446, 446A, 641A, V641, President, 150250, Truck, C80, SC80, DC80, Cedric Y130	G-NI-076	1982	4	3	87.2	2, 2.5, 4	CR, C, TPOR	SGI, GCI, S
FJ20	Skyline	G-NI-077	1990	4	3	89	1.5, 1.5, 2.8	CR, C, TPOR	SGI, GCI, S
G20	Laurel, PC30, 130, KPC30, 130	G-NI-078	1990	4	3	89	2, 2, 4	CR, C, TPOR	GCI, GCI, S
NA20P		G-NI-079		4	3	89	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S
Z24	Datsun Truck	G-NI-080	2400	4	3	89	2, 1.5, 4	CR, C, TPOR	S, GCI, S
Z24	Datsun Truck	G-NI-081	2400	4	3	89	2, 1.5, 4	CR, C, TPOR	S, GCI, S
Z24	Datsun Truck	G-NI-082	2400	4	3	89	1.5, 1.5, 4	CR, C, TPOR	SGI, GCI, S
KA24	Largo, HM11, W30	G-NI-083	2388	4	3	89	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S
KA24DE		G-NI-084		4	3	89	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S
Y40, Y44E	President, H150, President, H250, A-H250, E-H252, H252, C-H251	G-NI-085	4414	8	3	92	2, 2.5, 4	CR, C, TPOR	SGI, GCI, S
FJ24	Rally	G-NI-086	2400	4	3	92	1.5, 1.2, 2.5	CR, C, TPOR	SGI, GCI, S
TB42, TB42E	Safari	G-NI-087	4169	6	3	96	2, 2, 4	CR, C, TPOR	S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
CD17	Sunny, N12, N13	G-NI-088	1700	4	3	80	1.75, 2, 3	CR, C, CHSL-B	SGI, GCI, GCI
CD17		G-NI-089	1700	4	3	80	1.75, 2, 3	CR, C, CHSL-B	S, GCI, GCI
SD15, 16		G-NI-090		3	3	83	2.5, 2, 4.5	CR, C, CHSL-B	SGI, GCI, SGCI
SD20, SD22	Cedric, Q130, Q230, Q330	G-NI-091	1991 & 2164	4	5	83	2.5, 2, 2, 4.5, 4.5	CRHK, C, N, CHSL-B, SOR	SGI, SGI, GCI, GCI, GCI
SD20, SD22	Cedric, Q130, Q230, Q330	G-NI-092	1991 & 2164	4	5	83	2.5, 2, 2, 4.5, 4.5		
SD33	Truck, QC80, QSC80, DQSC80, DQSC80A, B	G-NI-093	3246	6	5	83	2.5, 2, 2, 4.5, 4.5	CRHK, C, N, CHSL-B, SOR	SGI, SGI, GCI, GCI, GCI
SD33T	Patrol	G-NI-094	3246	6	5	83	2.5, 2, 2, 4.5, 4.5	CRFK, C, N, CHSL-B, SOR	SGI, SGI, GCI, GCI, GCI
SD22, New	Truck, Q22, Q40, QC141, QC240DQC240, HQC142, C, DQC, HQC240, Bus CQC240, HQC240, 658,	G-NI-095	2164	4	3	83	2.5, 2, 4.5	CR, C, CHSL-B	GCI, GCI, GCI
SD33-New		G-NI-096	3246	6	5	83	2.5, 2, 2, 4.5, 4.5	CRHK, C, N, CHSL-B, SOR	SGI, SGI, GCI, GCI, GCI
SD33T		G-NI-097	3246	6	3	83	2.5, 2, 4	CRHK, C, CHSL-B	SGI, SGI, GCI
SD15, SD16	Cedric Diesel	G-NI-098	1500 & 1600	3	3	83	2.5, 2, 4.5	CR, C, CHSL-B	SGI, SGI, GCI
LD28	Datsun Truck	G-NI-099	2792	6	3	84.5	2, 2, 4	CR, C, CHSL-B	SGI, GCI, GCI
CD20	Datsun Truck, VUJC22	G-NI-100	1952	4	3	84.5	2, 2, 3	CR, CR, STOR	S, GCI, S
LD20	Datsun Truck, VUJC22	G-NI-101	1952	4	3	85	2, 2, 4	CR, C, CHSL-B	SGI, GCI, GCI
RQ1	Datsun Truck	G-NI-102	3000	6	3	85	2, 2, 4	CR, C, CHSL-B	SGI, GCI, GCI
LD20	Datsun Truck, VUJC22	G-NI-103	1952	4	3	85	2, 2, 4	CR, C, CHSL-B	SGI, GCI, GCI
LD20T	Datsun Truck, VUJC22	G-NI-104	1952	4	3	85	2, 2, 4	CR, C, CHSL-B	SGI, GCI, GCI
RD-28T	Laurel	G-NI-105	2800	6	3	85	2, 2, 4	CR, CR, STOR	S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
RD-28	Laurel	G-NI-106	2800	6	3	85	2, 2, 4	CR, CR, STOR	S, GCI, S
SD23, SD25	Datsun Truck	G-NI-107	2494	4	3	89	2.5, 2, 4.5	CR, C, CHSL-B	SGI, SGI, GCI
TD23	Datsun Truck	G-NI-108	2494	4	3	89	2.5, 2, 4	CR, CR, STOR	SGI, SGI, S
TD23	Datsun Truck	G-NI-109	2494	4	3	89	2.5, 2, 4.5	CR, C, CHSL-B	SGI, SGI, GCI
TD25, AD-4	Datsun Truck	G-NI-110	2494	4	3	92.9	2.5, 2, 4	CR, CR, STOR	SGI, SGI, S
TD27, AD-2	Datsun Truck, Caraban	G-NI-111	2700	4	3	96	2.5, 2, 4	CR, CR, STOR	SGI, SGI, S
TD27T, AD27T		G-NI-112	2700	4	3	96	2.5, 2, 4	CRFK, CR, STOR	S, GCI, S
TD27T, AD-2T	Datsun Truck, Caraban	G-NI-113	2700	4	3	96	2.5, 2, 4	CRHK, CR, STOR	S, GCI, S
TD27, AD-2		G-NI-114	2700	4	3	96	2.5, 2, 3	CR, CR, STOR	SGI, SGI, S
TD42, AD-3	Datsun Jeep, KD	G-NI-115	4169	6	3	96	2.5, 2, 4	CR, CR, STOR	SGI, SGI, S
TD42, AD-3	Datsun Jeep, KD	G-NI-116	4169	6	3	96	2.5, 2, 3	CR, CR, STOR	SGI, SGI, S
ED30	Bus, CYHT40, CYHWT40, GYC240, GHYC240, Truck, YC230, DYC240, HYC240, DEYC240, JVYC240, Y40, EYT40, TWT40, DYWT40	G-NI-117	2956	4	4	98	3, 2, 2, 4.5	CR, C, N, CHSL-B	SGI, GCI, GCI, GCI
ED30	Bus, CYHT40, CYHWT40, GYC240, GHYC240, Truck, YC230, DYC240, HYC240, DEYC240, JVYC240, Y40, EYT40, TWT40, DYWT40	G-NI-118	2956	4	3	98	3, 2, 4.5	CR, C, CHSL-B	SGI, GCI, GCI
QD32NA, AD5	Caraban, Datsun Truck	G-NI-119	3200	4	3	99.2	2.5, 2, 3	CR, CR, STOR	S, GCI, S
ED33-New	Truck, Datsun Truck	G-NI-120	3300	4	3	100	3, 2, 4.5	CR, C, CHSL-B	SGI, GCI, GCI
ED33-New	Datsun Truck	G-NI-121	3300	4	3	100	2, 2, 4	CR, CR, STOR	SGI, GCI, S
FD33T	Datsun Truck	G-NI-122	3298	4	3	100	3, 2, 4.5	CRHK, C, CHSL-B	SGI, GCI, GCI
ED35	Datsun Truck	G-NI-123	3500	4	3	102.5	3, 2, 4	CR, CR, STOR	SGI, GCI, S
FD35	Condore	G-NI-124	3465	4	3	102.5	2, 2, 4	CR, CR, STOR	SGI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
FD35T	Condore	G-NI-125	3465	4	3	102.5	3, 2, 4	CRHK, CR, STOR	SGI, GCI, S
FD3	Aerasu	G-NI-126	4214	4	3	108	3, 2, 4	CR, CR, STOR	SGI, GCI, S
ED6, FD6	Truck, CM80, CM85, TK80, CM90, CK85, Bus, R80, RM80	G-NI-127	6000	6	4	100	3, 2, 2, 4.5	CR, C, N, CHSL-B	SGI, GCI, GCI, GCI
ED6, FD6	Truck, CM80, CM85, TK80, CM90, CK85, Bus, R80, RM80	G-NI-128	6000	6	3	100	3, 2, 4.5	CR, C, CHSL-B	SGI, GCI, GCI
FD6T	Truck, CM80, CM85, TK80, CM90, CK85, Bus, R80, RM80	G-NI-129		6	4	100	3, 2, 2, 4.5	CRFK, C, N, CHSL-B	SGI, GCI, GCI
FD6T	Truck, CM80, CM85, TK80, CM90, CK85, Bus, R80, RM80	G-NI-130		6	3	100	3, 2, 4.5	CRHK, C, CHSL-B	SGI, GCI, GCI
FD6T	Truck, CM80, CM85, TK80, CM90, CK85, Bus, R80, RM80	G-NI-131	6000	6	3	100	3, 2, 4.5	CRHK, C, CHSL-B	SGI, GCI, GCI
FM6T		G-NI-132		6	3	105.9	2.5, 2, 4	CR, CR, STOR	S, GCI, S
FE6	Truck, MK210, CM89, CM87	G-NI-133	7000	6	3	108	3, 2, 4	CR, CR, STOR	SGI, GCI, S
FE6	MK250	G-NI-134	7000	6	3	108	3, 2, 4	CR, C, CHSL-B	SGI, GCI, GCI
FEGT	MK250	G-NI-135	7000	6	3	108	3, 2, 4	CRHK, CR, STOR	SGI, GCI, S
FE6TA	MK250	G-NI-136	7000	6	3	108	3, 2, 4	CRHK, C, CHSL-B	SGI, GCI, GCI
FE6TA	MK250	G-NI-137	7000	6	3	108	2.5, 2, 4	CRHK, CR, STOR	S, GCI, S
FA6T		G-NI-138		6	3	108	3, 2, 4	CR, CR, STOR	SGI, GCI, S
A500FET		G-NI-139		6	3	108	2.5, 2, 4	CRHK, CR, STOR	S, GCI, S
ND6	Truck, Bus, CK10, PRX102	G-NI-140	7000	6	3	110	4, 3, 5	CR, C, CHSL-B	SGI, GCI, GCI
ND6T	Truck, Bus, CK10, PRX102	G-NI-141	7000	6	3	110	4, 3, 5	CRFK, C, CHSL-B	SGI, GCI, GCI
NE6	Truck	G-NI-142	7000	6	3	110	3, 2.5, 4	CR, CR, STOR	SGI, SGI, S
NE6	Truck	G-NI-143	7000	6	3	110	3, 2.5, 5	CR, C, CHSL-B	SGI, GCI, GCI
NE6	Truck	G-NI-144	7000	6	3	110	3, 2.5, 4	CRHK, CR, STOR	SGI, SGI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
NE6TA	Truck	G-NI-145	7000	6	3	110	3, 2.5, 4	CRHK, CR, STOR	SGI, SGI, S
NF6TA	CD320	G-NI-146	9160	6	3	120	3, 2.5, 4	CRHK, CR, STOR	S, GCI, S
PD6	Truck, Bus, CK20, TK20, CD40, CV40, PT81, CW40,	G-NI-147	10000	6	3	125	5, 3.5, 5	CR, C, CHSL-B	SGI, GCI, GCI
PD6T	M20, CB20, TFA21,	G-NI-148	10000	6	3	125	4, 3.5, 5	CR, C, CHSL-B	SGI, GCI, GCI
PD6T	M20, CB20, TFA21,	G-NI-149	10000	6	3	125	4, 3.5, 5	CR, C, CHSL-B	SGI, GCI, GCI
PN6TA	Truck, Bus	G-NI-150		6	3	132.9	2.5, 2.5, 4	CRFK, CR, STOR	S, GCI, S
PE6	Truck, Bus, CK20, TK20, CD40, CV40, PT81, CW40, M20, CB20, TFA21, CW41	G-NI-151	12000	6	3	133	4, 3.5, 6	CRFK, C, CHSL-B	SGI, GCI, GCI
PE6T		G-NI-152	12000	6	3	133	4, 3.5, 6	CRHK, C, CHSL-B	SGI, GCI, GCI
PE6T		G-NI-153	12000	6	3	133	3, 2.5, 4	CRHK, CR, STOR	SGI, GCI, S
PF6	Truck	G-NI-154	13000	6	3	133	2.5, 2.5, 4	CR, CR, STOR	S, GCI, S
RE10	Truck, CW610	G-NI-155	18894	10	3	135	3, 3, 5	CR, C, CHSL-B	SGI, GCI, GCI
RD8	Truck, Bus, CV50, CW51, CW52, CD52, WD18, WD151, TWA52, RA50RA51, CV56	G-NI-156	15000	8	3	135	4, 3, 6	CR, C, CHSL-B	SGI, GCI, GCI
RD8T		G-NI-157	15000	8	3	135	4, 3, 6	CRFK, C, CHSL-B	SGI, GCI, GCI
RD10	Truck, CK60, CW60, CW61, WD23, WG30	G-NI-158	14313	10	3	135	4, 3, 6	CR, C, CHSL-B	SGI, GCI, GCI
RD8T, RD10T	Truck, WP381	G-NI-159	17892	8, 10	3	135	4, 3, 5	CRFK, CR, STOR	SGI, GCI, S
RD10T	Truck, WP381	G-NI-160	17892	10	3	135	4, 3, 6	CRFK, C, CHSL-B	SGI, GCI, GCI
RE8	CW53, CD53, CW510	G-NI-161	15000	8	3	135	3, 3, 5	CR, CR, STOR	SGI, CGI, S
RE8	CW53, CD53, CW510	G-NI-162	15000	8	3	135	3, 3, 5	CR, C, CHSL-B	SGI, GCI, GCI
RE10T	CW66, CK66, CK67T	G-NI-163	18894	10	3	135	4, 3, 5	CR, C, CHSL-B	SGI, GCI, GCI

NISSAN / NISSAN FORKILFT INDUSTRIAL

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
RF8	CD520	G-NI-164	16991	8	3	138	2.5, 2.5, 4	CR, C, CHSL-B	SGI, GCI, SGI
RFT		G-NI-165	16991		3	138	3, 2.5, 4	CRHK, CR, STOR	S, GCI, S
RG8	CW530	G-NI-166	17990	8	3	142	3, 2.5, 4	CR, CR, STOR	S, GCI, S
RH.8.10	Tractor	G-NI-167	21205		3	150	3, 2.5, 4	CR, CR, STOR	S, GCI, S
NISSAN FORKILFT INDUSTRIAL									
	J15	G-NFI-01	1483	4	3	78	2, 2, 4	CR, IBFT, 3POR	GCI, GCI, S
	J16	G-NFI-02	1595	4	3	78	2, 2, 4	CR, IBFT, 3POR	GCI, GCI, S
	H20	G-NFI-03	1982	4	3	87.2	2, 2.5, 4	CR, IBTF, 3POR	S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
'L16' (1970-1973)		G-NT-01	1595	4	3	83	2, 2, 4	IBTF, IBTF, 3POR	GCI, GCI, S
'L18' (1974)		G-NT-02	1770	4	3	85	2, 2, 4	IBTF, IBTF, 3POR	GCI, GCI, S
'L20B' (1975-1980		G-NT-03	1952	4	3	85	2, 2, 4	IBTF, IBTF, 3POR	GCI, GCI, S
'SD22' (1981-1983)		G-NT-04	2164	4	3	83	2.5, 2., 4.5	CR, CRTFIB, CHSL-B	S, GCI, GCI
'Z22' (1981-1983)		G-NT-05	2187	4	3	87	1.5, 1.5, 4	IBTF, IBTF, 3POR	GCI, GCI, S
Z24' (1983-1989), 'Z24I' (1986-1988)		G-NT-06	2389	4	3	89	2, 1.5, 4	IBTF, IBTF, 3POR	GCI, GCI, S
1983-1984		G-NT-07	2389	4	3	89	1.5, 1.5, 4	IBTF, IBTF, 3POR	GCI, GCI, S
KA24E' (1990-1997)		G-NT-08	2389	4	3	89	1.5, 1.5, 2.8	IBTF, IBTF, 3POR	GCI, GCI, S
VG30E' (1986-1998), 'VG30I' (1987-1989)		G-NT-09	2960	6	3	87	1.5, 1.5, 2.8	CR, CRTF, 3POR	S, GCI, S
1986-1992		G-NT-10	2960	6	3	87	2, 1.5, 2.8	CR, CRTF, 3POR	S, GCI, S
VG33E' (1996-2004)		G-NT-11	3275	6	3	91.5	1.5, 1.5, 2.8	CR, IBTF, 3POR	S, GCI, S,
RD8T		G-NI-157	15000	8	3	135	4, 3, 6	CRFK, C, CHSL-B	SGI, GCI, GCI
RD10	Truck, CK60, CW60, CW61, WD23, WG30	G-NI-158	14313	10	3	135	4, 3, 6	CR, C, CHSL-B	SGI, GCI, GCI
RD8T, RD10T	Truck, WP381	G-NI-159	17892	8, 10	3	135	4, 3, 5	CRFK, CR, STOR	SGI, GCI, S
RD10T	Truck, WP381	G-NI-160	17892	10	3	135	4, 3, 6	CRFK, C, CHSL-B	SGI, GCI, GCI
RE8	CW53, CD53, CW510	G-NI-161	15000	8	3	135	3, 3, 5	CR, CR, STOR	SGI, CGI, S
RE8	CW53, CD53, CW510	G-NI-162	15000	8	3	135	3, 3, 5	CR, C, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
C 1.2 NZ, X 1.2 SZ	Corsa	G-OP-001	1200	4	3	72	1.5, 1.5, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
1, 1.08	Kadett A / B / C / D	G-OP-002	993	4	3	72	2, 2, 5	CR, CTF, TPOR	GCI, GCI, S
	Corsa, Astra	G-OP-003		3, 4	3	72.5	1.2, 1.5, 2	CIB, NTF, TPOR	SGI / S, GCI, S
Z 1.0 XEP, Z 1.2 XEP, Z 1.4 XEP	Agila, Astra, Corsa	G-OP-004	1000 & 1199 & 1389	3, 4, 4	3	73.4	1.2, 1.2, 2	C, NTF, TPOR	SGI / S, GCI, S
	Ascona, Corsa, Kadett, Manta	G-OP-005		4	3	75	1.5, 1.5, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
1.3	Kadett, Ascona, Manta, Corsa 1.5 S	G-OP-006	1297	4	3	75	1.75, 2, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
1.1 N, 1.1 S	Kadett B, Kadett	G-OP-007	1078	4	3	75	2, 2, 5	CRIB, NTF, TPOR	SGI / S, GCI, S
4EC1, 4EC1T, X 15 DT	Corsa	G-OP-008	1488	4	3	76	2, 1.5, 3	CRIB, CTF, CHSL-B	SGI / S, GCI, GCI
	Kadett, Daewoo Cielo	G-OP-009	1500	4	3	76.5	1.5, 1.5, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
Z 14 XE	Astra, Corsa	G-OP-010	1389	4	3	77.6	1.2, 1.5, 2	C, NTF, TPOR	SGI / S, GCI, S
1.2 S, 1.4 NVH, C 1.4 NZ, SZ, C 1.4 SE, X 1.4 XE, NC, NE, NZ	Corsa, Kadett, Vectra (Export), Corsa, Kadett, Astra, Corsa, Tigra	G-OP-011	1196 & 1396 & 1389	4, 4, 4	3	77.6	1.5, 1.5, 3	CRIB, CTF, TPOR	SGI / S, GCI, S
1.2 S	Corsa, Kadett	G-OP-012	1196	4	3	77.8	1.5, 1.5, 4	CR, CTF, TPOR	SGI / S, GCI, S
12ST 19136602	Corsa, Kadett	G-OP-013	1196	4	3	77.8	1.75, 2, 4	CR, NTF, TPOR	SGI / S, GCI, S
X 1.6 SZ, X 1.6 SZR	Astra, Vectra	G-OP-014	1598	4	3	79	1.2, 1.5, 2	CR, NTF, TPOR	SGI / S, GCI, S
Z 1.6 XEP	Meriva	G-OP-015	1598	4	3	79	1.2, 1.2, 2	CR, NTF, TPOR	SGI / S, GCI, S
X 16, XEL 16V, X 16 XE-4V, X 16 XE	Corsa, Tigra, Astra, Vectra	G-OP-016	1598	4	3	79	1.2, 1.5, 2.5	CR, NTF, TPOR	SGI / S, GCI, S
C 1.6 NZ, 1.6 LZ, 1.6 SE, SZ, SV, 1.6 SV	Ascona, Kadett, Vectra, Astra, Kadett (KOR)	G-OP-017	1598	4	3	79	1.2, 1.5, 3	CR, NTF, TPOR	SGI / S, GCI, S
TC4EE1, X 1.7 DT	Astra, Vectra	G-OP-018	1700	4	3	79	2, 1.5, 3	CR, NTF, CHSL-B	SGI / S, GCI, GCI
1.2 S, 1.2 NV, 1.2 N	Ascona, Kadett, Manta, Corsa	G-OP-019	1196	4	3	79	2, 2, 5	CR, CTF, TPOR	SGI / S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
1.6 N, 1.6 S	Ascona, Kadett	G-OP-020	1196	4	3	80	1.5, 1.75, 4	CRIB, CTF, TPOR	SGI / S, GCI, S
1.6 L DA	Kadett D, Kadett E, Ascona	G-OP-021	1598	4	3	80	2, 2, 3	CR, CTF, CHSL-B	SGI / S, GCI, GCI
X 25 TD	Omega TD	G-OP-022	2497	6	3	80	3, 1.75, 3	CRFK, C-RTFIS, CHSL-B	SGI, GCI, GCI
X 18 XE-1	Astra, Vectra, Astra, Vectra, Zafira	G-OP-023	1800 & 1796	4, 4	3	80.5	1.2, 1.2, 2	CRIB, NTF, TPOR	SGI / S, GCI, S
	Vectra, Calibra	G-OP-024	1800 & 2400	4, 6	3	81.6	1.5, 1.5, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
X 1.7 DR, 1.7 YD, X 1.7 DTL	Kadett, Vectra, Astra	G-OP-025	1700	4	3	82.5	2, 2, 3	CR, CTF, CHSL-B	SGI / S, GCI, GCI
Y 26 SE	Omega	G-OP-026	2597	6	3	83.2	1.2, 1.5, 3	C, NTF, TPOR	SGI / S, GCI, S
X 20 DTL	Vectra	G-OP-027	1998	4	3	84	2, 1.75, 3	CRIB, CTF, CHSL-B	SGI / S, GCI, GCI
X 2.0 DTH	Vectra, Omega	G-OP-028	1998	4	3	84	2.5, 1.75, 3	CRFK, CTF, CHSL-B	SGI, GCI, GCI
Y 2.0 DTH, Y 2.2 DTH, Y 2.0 DTH, Y 2.2 DTH	Astra 2.0 STI + 2.2 DTI, Vectra 2.0 DTI + 2.2 DTI, Vectra, Zafira	G-OP-029	1995 & 2172	4, 4	3	84	1.75, 1.75, 3	CRIB, NTF, BPSL	SGI / S, GCI, S
1.8 S, 1.8 NZ, 1.8 NV, EC 1.8 NV, S 1.8 NV, 1.8 E,	Ascona, Manta, Omega, Kadett, Vectra, Astra, GSI	G-OP-030	1796	4	3	84.8	1.5, 1.5, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
1.8 N / NH, 1.8 S, C 1.8 NV, 1.8 E	Ascona, Rekord, Manta, Omega, Vectra, Astra, Ascona Kadett, Rekord, Ascona	G-OP-031	1795 & 1796	4, 4,	4, 4	3	1.5, 1.75, 4	CRIB, CTF, TPOR	SGI / S, GCI, S
1.6 LTR	Ascona, Kadett, Manta	G-OP-032	1584	4	3	85	2, 2, 5	CR, CTF, TPOR	GCI, GCI, S
2.0 SE, 2.0 E, C 2.0 E, C 2.0 SE, C 2.0 XE-4V, 2.0 NE, C 2.0 NZ, 2.0 4V, C 2.0-LET, C 2.0 XEV-4V, X 2.0 XEV, X 30 XE	Kadett GSi, Omega, Calibra, Kadett, Vectra, Astra, Frontera, Calibra Turbo 4X4, Omega 3.0 V6, Elegance	G-OP-033	1998 & 2962	4, V6	3	86	1.5, 1.5, 3	CRIB, NTF, TPOR	SGI / S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
Y 2.0 LET, Z 2.0 LET, Z 2.0 SE	Astra, Zafira, Speedster, Frontera	G-OP-034	1998 & 2198	4	3	86	1.2, 1.5, 2.5	C, NTF, TPOR	SGI / S, GCI, S
1998 cm3	Ascona D., Rekord D	G-OP-035	1998	6	3	87	2, 2, 4	CR, NTF, CHSL-B	SGI / S, GCI, GCI
2.5 S / E	Blitz K 300 /, 330 / 2276 / L 375, Commodore GS, Senator, Commodore GS / E	G-OP-036	2490	6	3	87	2, 2, 5	CR, CTFIB, TPOR	SGI / S, GCI, S
Y 3.2 SE	Omega	G-OP-037	3175	6	3	87.5	1.2, 1.5, 2.5	C, NTF, TPOR	SGI / S, GCI, S
	Rekord, Blitz	G-OP-038	2100	4	4	88	2, 2, 2, 5	CR, CTF, NTF, DB-SOR	SGI / S, GCI, GCI, GCI
2.1 LD	Rekord D, Blitz D	G-OP-039	2068	4	3	88	2, 2, 4	CR, NTF, CHSL-B	SGI / S, GCI, GCI
1.7 S / L	Kadett, Rekord	G-OP-040	1698	4	3	88	2, 2, 5	CR, CTF, TPOR	SGI / S, GCI, S
	Omega, Senator	G-OP-041	2600	6	3	88.8	1.5, 1.5, 3	CR, NTF, TPOR	SGI / S, GCI, S
2.3 TD	Rekord D, Omega D	G-OP-042	2260	4	3	92	2, 2, 4	CRIB, NTF, CHSL-B	SGI / S, GCI, GCI
2.8 S / SE, 2.8 S / E	Admiral, Com-modore, Kapitan, Monza, Senator	G-OP-043	2784	6	3	92	2, 2, 5	CRIB, CTF, TPOR	SGI / S, GCI, S
2.3 TD, 2.3 YTD, 2.3 DTR	Rekord TD, Senator TD, Omega TD, Fromtera TD	G-OP-044	2260	4	3	92	2.5, 2, 4	CRFK, NTF, CHSL-B	SGI, GCI, GCI
1.9 S	Ascona Kadett, Rekord, Manta, Rekord Sprint	G-OP-045	1897	4	3	93	2, 2, 5	CR, CTF, TPOR	SGI / S, GCI, S
C 2.4 NE, 2.2E	Omega Frontera, Omega, Senator	G-OP-046	2410 & 2969	4, 6	3	95	1.5, 1.5, 3	CRIB.CTF, TPOR	SGI / S, GCI, S
2.2E	Monza, Rekord, Senator	G-OP-047	2197	4	3	95	1.75, 1.5, 3.5	CRIB, CTF, BPSL	SGI, GCI, GCI
2000 N, 2000 S / S / E, 2000 S, 2.0 S, 3.0 NE, 3.0 E, C 3.0 NE, C 3.0 LE, 3.0 NE,	Ascona, Manta, Rekord, Kadett, Monza, Senator, Kadett E, Ascona E, Manta E, Rekord E, Senator E, Monza E, Monza, Senator, Omrga, Senator, Omrga	G-OP-048	1979 & 2969 & 2968	4, 6, 6	3	95	2, 2, 4	CR, NIB, TPOR	SGI / S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
2000 N, 2000 S / S / E, 2000 S, 2.0 S, 3.0 NE, 3.0 E, C 3.0 NE, C 3.0 LE, 3.0 NE,	Ascona, Manta, Rekord, Kadett, Monza, Senator, Kadett E, Ascona E, Manta E, Rekord E, Senator E, Monza E, Monza, Senator, Omrga, Senator, Omrga	G-OP-049	1979 & 2969 & 2968	4, 6, 6	3	95	2, 2, 4	CR, NIB, TPOR	SGI / S, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
4.108		G-PER-001	1760	4	5	79.37	5 / 64", 1 / 16", 1 / 16", 1 / 8", 3 / 16"	CIB, CIB, CIB, N, BSOR	GCI, GCI, GCI, GCI, GCI
		G-PER-002			5	79.37	5 / 64", 1 / 16", 1 / 16", 1 / 8", 3 / 16"	CRIB, CIB, CIB, N, CHSL-B	GCI, GCI, GCI, GCI, GCI
4.107		G-PER-003	1760	4	5	79.37	5 / 64", 1 / 16", 1 / 16", 3 / 16", 3 / 16"	CRIB, CIB, CIB, SOR, SOR	GCI, GCI, GCI, GCI, GCI
		G-PER-004			5	79.37	5 / 64", 1 / 16", 1 / 16", 3 / 16", 3 / 16"	CRIB, CIB, CIB, CHSL-B, SOR	GCI, GCI, GCI, GCI, GCI
4.20 T / C, 4.20 N / A	Rover, Montego, Industriemotor, Rover Marstro, Sherpa Van, Austin	G-PER-005	1993	4	3	84.45	2, 1.75, 3	CR, NTF, CHSL-B	SGI / S, GCI, GCI
P 3.144, P4.192, PA, PB, P 6.288, PF, PG	Python, Puma, Panther	G-PER-006	2365 & 3150 & 4730	3, 4, 6	5	88.9	3 / 32", 3 / 32", 1 / 8", 1 / 4", 1 / 4"	CRIB, CTF, N, BPSL, SOR	GCI, GCI, GCI, GCI, GCI
D / AD 3.152		G-PER-007	2500	3	4	91.48	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CRIB, CTF, CTF, CHSL-B	GCI, GCI, GCI, GCI,
3.152, 4.203, 6.305		G-PER-008	2500 & 3300 & 5000	3, 4, 6	5	91.48	3 / 32", 3 / 32", 3 / 32", 1 / 4", 1 / 4"	CRIB, CIB, CIB, BPSL, SOR	GCI, GCI, GCI, GCI, GCI
3.152, P 3.152, D 3.152, 4.203, P 4.203, D 4.203, 6.305, P 6.305		G-PER-009	2500 & 3300 & 5000	3, 4, 6	5	91.48	3 / 32", 3 / 32", 1 / 8", 1 / 4", 1 / 4"	CTF, CTF, C, BSOR, SOR	GCI, GCI, GCI, GCI, GCI
		G-PER-010			5	91.48	3 / 32", 3 / 32", 1 / 8", 1 / 4", 1 / 4"	CR, CTF, N, CHSL-B, SOR	GCI, GCI, GCI, GCI, GCI
3.152, 4.203	Stationary Engine, Tractor Engine	G-PER-011	2500 & 3300	3, 4	4	91.48	2.38, 2.38, 2.38, 6.35	CR, CTF, CTF, CHSL-B	GCI, GCI, GCI, GCI,

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
D / AD 3.152		G-PER-012	2500	3	3	91.48	3 / 32", 3 / 32", 3 / 16"	CRIB, CTF, CHSL-B	GCI, GCI, GCI,
T 3.152.4		G-PER-013	2503	4	3	91.48	3, 3 / 32", 3.5	CRFK, CTF, CHSL-B	SGI, GCI, GCI
4.165	CJ, Volkswagen, LT 28 D, LT 31 D, LT 35 D	G-PER-014	2710	4	3	92	2, 2.5, 4	CRIB, NTF, CHSL-B	SGI / S, GCI, GCI
AD 4.236, D 39 C, 4.212	Volvo	G-PER-015	3864 & 3475	4, 4	4	98.48	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CRIB, CIB, CIB, CHSL-B	GCI, GCI, GCI, GCI,
AD 4.236, D 39 C, 6.354 / V	Volvo	G-PER-016	3864 & 5800	4, 6	5	98.48	3 / 32", 3 / 32", 3 / 32", 1 / 4", 1 / 4"	CIB, CIB, CIB, BSOR, SOR	GCI, GCI, GCI, GCI, GCI
		G-PER-017			5	98.48	3 / 32", 3 / 32", 3 / 32", 1 / 4", 1 / 4"	CRIB, CIB, CIB, CHSL-B, SOR	GCI, GCI, GCI, GCI, GCI
		G-PER-018			5	98.48	3 / 32", 3 / 32", 3 / 32", 1 / 4", 1 / 4"	CRIB, CIB, CIB, BSOR, SOR	GCI, GCI, GCI, GCI, GCI
AD 4.236, D 39 C, 6.354, 6.354.4	Volvo, Traktor 2620	G-PER-019	3864 & 5794	4, 6	3	98.48	3 / 32", 3 / 32", 3 / 16"	CRIB, CIB, BPSL	GCI, GCI, GCI
6.354.2, 6.354.4		G-PER-020	5794	6	5	98.48	1 / 8", 3 / 32", 3 / 32", 1 / 4", 1 / 4"	CR, CIB, CIB, CHSL-B, SOR	GCI, GCI, GCI, GCI, GCI
T 4.236, T 4.38		G-PER-021	3864	4	3	98.48	1 / 8", 3 / 32", 3 / 16"	CRFK, CIB, CHSL-B	SGI, GCI, GCI
4.4, 6.6	Phaser 90, 1004-4	G-PER-022	3990 & 5985	4, 6	3	100	2.5, 2.5, 4	CR, CTF, CHSL-B	SGI, GCI, GCI
T 4.40 Euro 2, T 6.60 Euro 2	Truck	G-PER-023	4000 & 6000	4, 6	3	100	3.5, 2.5, 3.5	CRFK, NTF, CHSL-B	SGI, GCI, GCI
1004-4T / TW, 1006-6T / TW	Phaser 110T, 120Ti, 160Ti, 180Ti	G-PER-024	4000 & 6000	4, 6	3	100	3, 2.5, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
T4.40, T6.60	Policeman	G-PER-025		4, 6	3	100	3.5, 2.5, 4	CRFK, N, CHSL-B	SGI, GCI, GCI
4.248		G-PER-026	4064	4	4	101.05	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CR, CTF, CTF, CHSL-B	GCI, GCI, GCI, GCI,
4.248, 6.372		G-PER-027	4064 & 6100	4, 6	4	101.05	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, CTF, CTF, CHSL-B	GCI, GCI, GCI, GCI,
4.248, 4.248.2		G-PER-028	4064 & 4067	4, 4	3	101.05	2.5, 2.5, 5	CR, NTF, CHSL-B	SGI, GCI, GCI
P4000 Aspirated, Turbo		G-PER-029		4	3	101.05	3, 2.5, 4	CRFK, CTFIB, CHSL-B	SGI, GCI, GCI
V 8.510, NA 180		G-PER-030	8360	V8	4	107.95	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, CTFIB, CTFIB, CHSL-B	SGI, GCI, GCI, GCI,
TV 8.540 M, TV 8.540	Marinemotor	G-PER-031	8830	V8	3	107.95	3, 3 / 32", 3.5	CRFK, CTFIB, CHSL-B	SGI, GCI, GCI
4.256		G-PER-032		4	4	111.76	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CR, CIB, N, CHSL-B	GCI, GCI, GCI, GCI,
4.318		G-PER-033		4	4	114.3	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CRIB, CTFIB, CTFIB, CHSL-B	SGI, GCI, GCI, GCI,

PETTER / PEUGEOT

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
PETTER									
PH 1+2, PJ 1W+2W		G-PET-001	659 & 1318	1, 3	4	87.31	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CRIS, CTF, CTF, BSOR	GCI, GCI, GCI, GCI,
PEUGEOT									
TU 9	2,05,106	G-PEU-001	954	4	3	70	1.5, 1.5, 3	CRIB, CTF, TPOR	SGI / S, GCI, S
XV 3, XV 5, XV 8	104, 204, 205	G-PEU-002	954	4	3	70	2, 2, 4	CRIB, NTF, DB-PSL	GCI, GCI, GCI
TU 1 M / Z, TU 1 K	205, 309, 106, 306 1.1, Partner	G-PEU-003	1124	4	3	72	1.5, 2, 3	CRIB, N, TPOR	SGI / S, GCI, S
XW 3, XW 3 S, XW 7	104, 205	G-PEU-004	1124	4	3	72	1.5, 2, 4	CRIB, CTF, TPOR	SGI / S, GCI, S
E1A, M-24, 1-F1	309	G-PEU-005	1, 10, 01, 204	4	3	74	1.75, 2, 4	CRIB, CTF, TPOR	SGI / S, GCI, S
XLD, XL4D	204 1.3 Diesel	G-PEU-006	1255	4	3	75	1.5, 1.5, 4	CRIB, CTF, BPSL	SGI / S, GCI, S
TU 3 A, K2D	205, XR, GR, SR, C3, 309, Vital, GRX, CATA, GR 106, XS, XY 306, XN, XR, XA, XRA 306 1.4, Partner	G-PEU-007	1361	4	3	75	1.75, 2, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
XZ 5, XY 6 B, XY 7, XY 8	104, 104, 205	G-PEU-008	1218 & 1361	4, 4	3	75	1.75, 2, 4	CRIB, CTF, TPOR	SGI / S, GCI, S
TUD 3	106, XS, XY, 205, XR, GR, SR, C3, 306, XN, XR, XA, XRA, 306 1.4, 309, Vital, GRX, CATA, GR 405	G-PEU-009	1361	4	3	75	2.25, 1.75, 3	CR, CTF, PSL	SGI / S, GCI, GCI
XL 3, XL 3 S	304	G-PEU-010	1288	4	3	76	1.75, 2, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
G 1 A	309	G-PEU-011	1294	4	3	76.7	1.75, 2, 4	CRIB, N, BPSL	SGI / S, GCI, GCI
TUD 5, ATMO	106	G-PEU-012	1527	4	3	77	2, 1.75, 3	CR, CTFIB, CHSL-B	SGI / S, GCI, GCI
XL 4 D	204 D	G-PEU-013	1357	4	3	78	1.75, 2, 3	CRIB, CTF, CHSL-B	SGI / S, GCI, GCI
XL 5, XL 5 S, XR 5, XR 5 S, TU5 JP	304, 305, 305	G-PEU-014	1290 & 1472	6, 6	3	78	1.75, 2, 4	CRIB, CTF, BPSL	SGI / S, GCI, GCI
TU5 JP	306, 405	G-PEU-015	1587	4	3	78.5	1.5, 1.5, 3	CRIB, NTF, TPOR	SGI / S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
TU 5 JP	106, 206, 307, Partner, all types 110, Saxo, C3, Xsara, Berlingo all 16 V	G-PEU-016	1587	4	3	78.5	1.2, 1.5, 2.5	CR, NTF, TPOR	SGI / S, GCI, GCI
XID80	304 GLD, 305 GRD	G-PEU-017	1584	4	3	80	1.75, 2, 3	CRIB, CTF, CHSL-B	SGI / S, GCI, GCI
XUD 7, 161 A	205, 309	G-PEU-018	1769	4	3	80	2, 2, 3	CR, CRTFIS, CHSL-B	SGI / S, GCI, GCI
TUD3	106 XTD	G-PEU-019	1360	4	3	80	2.25, 1.75, 3	CR, CTF, CHSL-B	SGI / S, GCI, GCI
ABB, XUD 7 TE	205, 309, 405	G-PEU-020	1769	4	3	80	3, 2, 3	CRFK, CRTFIS, CHSL-B	SGI / S, GCI, GCI
DW 8 / B	Berlingo, Dispatch, Jumpy, Xsara, C 15 Expert, Partner, 206, 306, all 1.9 D	G-PEU-021	1868	4	3	82.2	2, 2, 3	CR, NTF, CHSL-B	SGI / S, GCI, GCI
XU 9 J 4, XU 9 JA, XU 9 2 C, XU 9 JA, XU 9 2 C, XU 9 2 C, XU 9 JAZ, XU 9 M, XU 9, J1, XU 9 J 2, XU 9 S, XU 5 JPZ, XU 5 J / JA, XU 5 J, XU 5 M, XU 7 JPK, XU 7 JPZ, XU 7 JP 4	309, 405 Mi, 405, 205, 405 (CH), 305, 306, 405, 406, 205, 309, 306 (Export), 306, 405, 406, 806, Expert, Partner, 306, 406	G-PEU-022	1905 & 1580 & 1762 & 1761	4, 4, 4, 4	3	83	1.5, 1.5, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
XU 5 S, 171 C, XB, XU 52 C, 1905 cm3	305, 405 (A, CH, SWE)	G-PEU-023	1580 & 1905	4, 4	3	83	1.75, 1.75, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
XUD 9, XUD 9 A	205, 305, 306, 309, 405, J5 406, Boxcer, Partner	G-PEU-024	1905	4	3	83	2, 2, 3	CR, CTF, CHSL-B	SGI / S, GCI, GCI
		G-PEU-025			3	83	2, 2, 3	CR, CTF, BPSL	SGI / S, GCI, S
XUD 9 TE / TF	405, 306, 309, 406, Expert, 806, Boxer	G-PEU-026	1905	4	3	83	3, 2, 3	CRFK, CTF, CHSL-B	SGI, GCI, GCI
XUD 9 TE / TF	405, 306, 309, 406, Expert, 806, Boxer	G-PEU-027	1905	4	3	83	3.5, 2, 3	CRFK, CTF, CHSL-B	SGI, GCI, GCI
KF 6, XM, XM 7, XM 7 P	504, J 7 8	G-PEU-028	1796	4	3	84	1.5, 2, 4	CRIB, N, TPOR	SGI / S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
XC 5A, XC 5 P, XC 7, XC 6	404, J 7-1800, 404 (USA), J 7, 77 E, J9, 504	G-PEU-029	1618	4	3	84	2, 2, 4.5	CRIB, N, TPOR	SGI / S, GCI, S
XUD 11 ATE, XUD 11 BTE, XUD 11 ATE / L	605 TD, 605, Evasion, 806, 406	G-PEU-030	2088	4	3	85	3, 2, 3	CRFK, CTF, CHSL-B	SGI, GCI, GCI
DW10BTED W4, DW10CTED, DW12TED4, DW10ATED3, RHZ	Expert HDi, 406 Hdi, 607 HDi, C 5, C 8, Xsara, Jumper, Xantia, Evasion, Ulysee, Scudo	G-PEU-031	1997 & 2224	4, 4	3	85	3.5, 2, 3	CRFK, CTFIB, CHSL-B	SGI, GCI, GCI
EW 10J4-RFN	Evasion, XSARA, C5, 206, 307, 406,	G-PEU-032	1997	4	3	85	1.2, 1.5, 2.5	CIB, NTF, TPOR	SGI / S, GCI, GCI
XU 10 J 4 RS	306 2.0 16V S16, 806 2.0 16V SR	G-PEU-033	1998	4	3	86	1.5, 1.5, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
XU 10 2 C, XU 10 J2Z, FJ2 / MZ, XU 10 J 2, XU 10 J 4, ACAV, XU 10 J 4 TE, XU 10 J 4 RZ	605, 405, 806, Boxer, 306 XSi, 405 SRI / STI /, BREAK, 605 SRI, 806 SRI /, SVI, Expert, 306, S16, 405 MI 16, 405 T 16, T 16x4	G-PEU-034	1998	4	3	86	1.5, 1.75, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
XUD 11 A	605 D	G-PEU-035	2138	4	3	86	2.5, 2, 3	CRIB, CTF, CHSL-B	SGI, GCI, GCI
159 A 3.000	Expert	G-PEU-036	1581	4	3	86.4	1.5, 1.75, 3	CRIB, CTF, TPOR	SGI / S, GCI, S
ES9J4S	406 2.9 I 24V 607	G-PEU-037	2946	6	3	87	1.5, 1.5, 3	CRIB, CTF, TPOR	SGI, GCI, GCI
XN 1 T, XN 1, XN 2, ZM / 112, ZNJ	J 5, J 9, 504, 505, 504, 604	G-PEU-038	1971 & 2664	4, V6	3	88	1.5, 2, 4	CRIB, CTF, TPOR	SGI / S, GCI, S
ZEJ 829.90, ZDJL, ZDJK, J 7 T 980 / 892	5,05,505	G-PEU-039	1995 & 2165	4, 4	3	88	1.75, 2, 4	CRIB, CTF, TPOR	SGI / S, GCI, S
XD / XDP / TMD 4.88, XDP 6.88	404 D, U 6 D, U 8 D, U 10 D, 504 D, J 7 D	G-PEU-040	1948 & 2919	4	4	88	2, 2, 2, 4.5	CR, CTF, NTF, BPSL	SGI / S, GCI, GCI, GCI
XDP 4.90, XDP 6.90	504, J 7, J 9, 504 D, J 7 D	G-PEU-041	2112 & 3168	4, 6	4	90	2, 2, 2, 4.5	CR, CTF, N, BPSL	SGI / S, GCI, GCI, GCI
ZNJK, ZN 3 J	ZN 3 J	G-PEU-042	2849	6	3	91	1.5, 2, 4	CRIB, CTFIB, CHSL-B	SGI / S, GCI, GCI

PEUGEOT / PEYKAN / RABA

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
	505 ti	G-PEU-043	2200	4	3	91.7	1.5, 1.5, 3.5	CRIB, CTF, TPOR	SGI / C, GCI, S
DK 5 ATE, DJ 5 T	Boxer, 806, 605	G-PEU-044	2446	4	3	92	3, 1.75, 3.5	CRFK, NTF, CHSL-B	SGI, GCI, GCI
DJ5	Boxcer 2.5D	G-PEU-045	2446	4	3	92	2.25, 2, 3	CR, NTF, CHSL-B	SGI, GCI, GCI
DJ5T	Boxer 2.5TD	G-PEU-046	2446	4	3	92	3.5, 2, 3	CRFK, NTF, CHSL-B	SGI, GCI, GCI
DJ5TED	Boxer 2.5TD	G-PEU-047	2446	4	3	92	3.5, 2, 3.5	CRFK, NTF, CHSL-B	SGI, GCI, GCI
ZPJ, ZPJ4	605 SV	G-PEU-048	2963	6	3	93	1.5, 1.75, 3.5	CRIB, NTF, TPOR	SGI / S, GCI, S
U25 / 651	J5D, Van	G-PEU-049	2500	4	3	93	2, 2, 4	CR, CTF, CHSL-B	SGI / S, GCI, GCI
U 25 / 651 / 661	J 5 D	G-PEU-050	2499	4	3	93	2.5, 2, 4	CR, CTF, CHSL-B	GCI, GCI, GCI
U25 / 673	J5 1300 TD	G-PEU-051	2499	4	3	93	3, 2, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
XD 2, XD 94	504, 505, J 9, 505, J 9	G-PEU-052	2, 30, 42, 498	4, 4	3	94	2, 2, 4	CR, N, CHSL-B	SGI / S, GCI, GCI
XD 2 S, XD 3 T, TE, XD 3 TE	505, 604, Tagora, 505 (USA), 505, 604, 505 DT	G-PEU-053	2, 30, 42, 498	4, 4	3	94	3, 2, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
PEYKAN									
	Peykan Saloon, GT, Super Minx 1600, Mark II	G-PEY-001	1592	4	3	81.54	5 / 64”, 5 / 64”, 5 / 32”	CRIB, N, TPOR	SGI, GCI, S
RABA									
D2356 HM 6U	833	G-RA-001	10690	6	4	123	3.5, 3, 3, 5.5	CRFK, CTF, N, CHSL-B	SGI, GCI, GCI, GCI,
D2356 HM 6U	833	G-RA-002	10690	6	3	123	3.5, 3, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
800 / .01 / .02 / A7, 800 / 10	R 4, R 6 / 850, R 1123, R 2106, R 5, R 1221	G-REN-001	845	4	3	85	1.75, 2, 3.5	CRIB, NTF, BPSL	GCI, GCI, GCI
689 / 10	R 5, R 1222, R 2382, R 5 (I)	G-REN-002	956	4	3	65	1.75, 2, 3.5	CRIB, N, BPSL	GCI, GCI, GCI
850-99		G-REN-003	1037	4	3	67.7	1.75, 2, 3.5	CRIB, CTF, TPOR	SGI, GCI, S
D7F	Clio, Twingo	G-REN-004	1149	4	3	69	1.5, 1.5, 2.5	CRIB, CTF, TPOR	SGI / S, GCI, S
688 / 01 / 02 / 03 / 10 / 11 / 12 / C 7 / , C 1 E	R 4, R 5, R 6. R 8, R 9, R 10, R 11, R 1132, R 1136, R 1181, R 2132, R 2134, R 2370, R 2420, R 2430, T 800	G-REN-005	1108	4	3	70	1.75, 2, 3.5	CRIB, N, TPOR	SGI / S, GCI, S
	R 6, R 8, R 10, Estafette, Caravelle	G-REN-006	1108	4	3	70	2, 2, 3.5	CRIB, N, TPOR	GCI, GCI, S
	R 5, R 9, R 11	G-REN-007	1108	4	3	70	2, 2, 3.5	CRIB, N, TPOR	GCI, GCI, S
810 / 01 / 01 / 03 / 10 / C 7 / F 7, 810 / 05 / 06 / 25 / 26 / B 7	R 5, R 6, R 10, R 12, R 1192, R 1170, R 1171, R 1337, R 2126, R 2136, R 2137, R 15, R 1224, R 1330, R 1337 Dacia	G-REN-008	1289	4	3	73	1.75, 2, 4	CR, CTF, BPSL	SGI / S, GCI, GCI
810 / 01 / 01 / 03 / 10 / C 7 / F 7, 810 / 05 / 06 / 25 / 26 / B 7	R 5, R 6, R 10, R 12, R 1192, R 1170, R 1171, R 1337, R 2126, R 2136, R 2137, R 15, R 1224, R 1330, R 1337 Dacia	G-REN-009	1289	4	3	73	1.75, 2, 4	CR, N, TPOR	SGI / S, GCI, S
C 3 G	Twingo	G-REN-010	1239	4	3	74	1.5, 1.75, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
129 A 7.00, XV 6 B, 150 A 700	R 14, R 1210, R 1212, R 1170, R 1330, R 14	G-REN-011	1218 & 1360	4, 4	3	75	1.75, 2, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
E 6 J, R 7 J, E 7 J, E 5 F, E 7 F 708	R 19, Clio 1.4, Kangoo, Clio	G-REN-012	1390 & 1171	4, 4	3	75.8	1.5, 1.75, 3	CRIB, CTF, TPOR	SGI / S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
K9K TD, K9K Tdi	Clio dCi	G-REN-013	1461	4	3	76	2, 2, 2.5	CR, NTF, BPSL	SGI / S, GCI, S
697.01, 847.20 / 21, C 1 J.J. 15, C 2 J.L. 17, C 2 J.N. 18, C 3 JA.710, C 3 J 720 / 760, C 16, 840.26	R 16, R 1150, R 18, Fuego, T 550 / 800 / 1000, R 5, R 9, R 12, R 11, R 19, R 5 Alpine Turbo	G-REN-014	1470 & 1397	4, 4	3	76	1.75, 2, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
R 821.01 / 02 / 03 / 04, 807.01 / 02 / 03 / 04 / 05 / 06, 821.02, 807 / 12 / 20	R 16, R 1152, R 1153, R 1151, R 1154, R 12, R 17, R 1313, R 1323, R 1173	G-REN-014	1565	4	3	77	1.75, 2, 4	CRIB, N, BPSL	SGI / S, GCI, GCI
F 8 M – A700, F 8 M-D 720 / 730	R 5, R 9, R 11, Express, R 5 / R 9 / R 11 / , TD, Express	G-REN-015	1596	4	3	78	2, 2, 3	CR, CTF, CHSL-B	SGI / S, GCI, GCI
843.01, 843.05, 843.20 / 21, 841.25 / 26 / , C 7 / D 7	R 16, Alpine A 310, R 12 (USA), R 17, R 20, R 18, Fuego, R 135, P 1000	G-REN-016	1647	4	3	79	1.75, 2, 4	CRIB, CTF, TPOR	SGI / S, GCI, S
	Megane, 1.3 16V, Scenic, 1.4 16V	G-REN-017	1390	4	3	79.5	1.2, 1.5, 2.5	C, NTF, TPOR	SGI / S, GCI, S
K7M	Megane 1600	G-REN-018	1598	4	3	79.5	1.5, 1.5, 2.5	CRIB., NTF, TPOR	SGI / S, GCI, S
F9Q	Laguna 1.9 d / , 1.9 dCi, Megana Kangoo	G-REN-019	1870	4	3	80	2.5, 2, 3	CR, CTFIB, CHSL-B	SGI, GCI, GCI
F 8 Q 732, F 8 Q 742.C7	R 19, R 21, Clio, Kangoo	G-REN-020	1870	4	3	80	2, 2, 3	CR, CTF, CHSL-B	SGI / S, GCI, GCI
F 8 QT-610 / 740 / 768 / 784 / 785, F 8 QT 768 / 610 / 784 / 785	R 19 Megane, R 19 Turbo Diesel Megane	G-REN-021	1870	4	3	80	2.5, 2, 3	CRFK, CTF, CHSL-B	SGI, GCI, GCI
F 2 NC 710, F 2 N-A 700 / 704, F 2 N 700, F 2 N-E 708, F 3 N – 746, F 3 N, F 2 N–C 710, F 2N C 710 / 732 / 742 / 753, F 3N C 722, F 2N 752, F 2N 742, F 3N 702	R 9, R 11, R 21, R 19, R 21R 5 / 9 / 11, R 5, R 21 (USA)	G-REN-022	1721	4	3	81	1.75, 2, 3	CRIB, CTF, TPOR	SGI / S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
F 7 P	R 19, Clio	G-REN-023	1794	4	3	82	1.5, 1.5, 3	CRIB, CTF, TPOR	SGI / S, GCI, S
F 2 R	R 21	G-REN-024	1995	4	3	82	1.75, 2, 3	CRIB, N, TPOR	SGI / S, GCI, S
F 3 P – 678, F 3 R – 722, F 3 P -710	Clio, R 19, Laguna, Laguna 2.0, Clio, R 19, Laguna	G-REN-025	1784	4, 4, 4	3	82.7	1.5, 1.75, 3	CRIB, CTF, TPOR	SGI / S, GCI, S
F7R-700	Clio Willams	G-REN-026	1998	4	3	82.7	1.2, 1.5, 2.5	CIB, NTF, TPOR	GCI, GCI, S
Laguna RT,	Laguna RT, RXE, Rti, Safrane 16v	G-REN-027	1948	4	3	83	1.2, 1.5, 2.5	CIB, NTF, TPOR	SGI / S, GCI, S
N 7 U	Safrane	G-REN-028	2435	5	3	83	1.2, 1.75, 3	CIB, NTF, TPOR	SGI / S, GCI, GCI
852 A 700, 852 B, 710, 852.720 / 750, J 8 S 330, J 8 S 704	R 18, R 20, R 21, R 1344, R 1354, R 2354, R 1275, Traf, P / T 313, P 323, T 423, PA 32, PA 93, T 800 D, P / T 1000 D, P / T 1200 D, P 1400 D, Master Nevada	G-REN-029	2068	4	3	86	2, 2, 4	CR, CTF, CHSL-B	SGI / S, GCI, GCI
J 8 S	R 25	G-REN-030	2068	4	3	86	2.25, 2, 3	CRIB, CTF, CHSL-B	SGI, GCI, GCI
J 8 S, 708 / 712 / 714	R 18 TD, R 20 TD, R 21 TD, R 25 TD, R 30 TD, Fuego TD, Espace TD, Nevada	G-REN-031	2068	4	3	86	2.5, 2.5, 4	CRFK, NTF, CHSL-B	SGI, GCI, GCI
G 8 T	Laguna	G-REN-032	2188	4	3	87	2.5, 1.75, 2.5	CRIB, CTFIB, BPSL	SGI, GCI, S
G 8 T	Laguna	G-REN-033	2188	4	3	87	3.5, 1.75, 2.5	CRFK, CTFIB, BPSL	SGI, GCI, S
L7X	Laguna, Safrane, Espace	G-REN-034	2946	6	3	87	1.5, 1.5, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
G8T, 1 / 99..	Laguna, Safrane, Espace	G-REN-035	2188	4	3	87	3, 1., 75, 2.5	CRIB, NTF, BPSL	SGI / S, GCI, S
J 7 R 720, J 7 R 740, J 7 R 754, J 7 T 760	R 21, R 25, Safrane, Safrane	G-REN-036	1995 & 2165	4, 4	3	88	1.5, 1.75, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
140.04, 144, 144.01	R 25, R 30,	G-REN-037	2664	V6	3	88	1.5, 2, 4	CRIB, CTFIB,	SGI / S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
J 7 T, J 7 T 780, ZDJK, J 7 T, J 7 TV, J 7 R, J 7 T 770, 829 E 7, J 5R A 7, 829.00 / 01 / , 702, J 6 R	R 25 GTX, Trafic Master, R 20, R 21, Espace, Trafic P 862, Minicar, P 1200, R 18, P 1400, R 20, Fuego, R1363, R 135 300, R 25, Espace	G-REN-038	2165 & 1995	4, 4	3	88	1.75, 2, 4	CRIB, CTFIB, TPOR	SGI / S, GCI, S
Z 6 W-A 700, Z 7 W-B 700	Alpine GTA, R 25, Espace	G-REN-039	2849	V6	3	91	1.5, 2, 4	CRIB, CTFIB, CHSL-B	SGI / S, GCI, GCI
Z 7 U, Z 7 W	R 25, R 30, Espace RXE	G-REN-040	2500 & 2800	6, 6	3	91	1.75, 2, 4	CRIB, CTFIB, CHSL-B	SGI / S, GCI, GCI
Z 7 X	Safrane	G-REN-041	2900	6	3	93	1.5, 1.75, 3.5	CRIB, NTF, TPOR	SGI / S, GCI, S
8140.21, 8144.21, 8140.47.270, S 9U 714, 8140.47.2700, S 9U 714, 8140.07.2700, 8140.07.3700, N / A Euro 1, 8140.27.2700	Master, B90 3.5t, Master, B90-35 D	G-REN-042	2445 & 2499	4, 4	3	93	3, 2, 3	CRFK, CTF, CHSL-B	SGI, GCI, GCI
S 8 W, 732 / 742, 8140.67.2500, S 8750 / 753	Master	G-REN-043	2499	4	3	93	3, 2, 3	CR, NIB, CHSL-B	SGI / S, GCI, GCI
S 8 U 730 / 731, S 8720 / 722, 8140-58 U, -68 U	Master T 30D, P 30 D, T 35 D, P 35 D, T / P 350, T 1400 D, P / T 1800	G-REN-044	2445	4	3	93	3, 2, 3	CR, N, CHSL-B	SGI / S, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
8140.61.235	B 70	G-RT-001	2445	4	3	93	3, 2, 4	CRR, CRN, CHSL-B	SGI, GCI, GCI
8140.07.2530, 8140.07.2585 Euro 1, 8140.21.200, 8140.21.235, 8140.27.2582, 8140.47.2530 Euro 1, 8140.47.2585 Euro 1, 8140.47.2590 Euro 1, 8140.67.2585 Euro 2	B 80, B 90	G-RT-002	2499	4	3	93	3, 2, 3	CRKF(15°), CRN, CHSL-B	SGI, GCI, GCI
8140.23.2585 Euro 2, 8140.43.2585 Euro 2	B 110, B 120	G-RT-003	2798	4	3	94.4	3, 2, 3	CRFK(15°), CTF, CHSL-B	SGI, GCI, GCI
8140.43C.2586 Euro 2	Mascott 110	G-RT-004	2798	4	3	94.4	2.5, 2, 2.5	CRFK(15°), CTF, CHSL-B	SGI, GCI, GCI
8140.43S.2585 Euro 3	Mascott 130	G-RT-005	2798	4	3	94.4	2.5, 2, 2.5	CRFK(15°), CTF, CHSL-B	SGI, GCI, GCI
4.236	OK 05 K, OK 05 K, Series 560, Series 550, Series 530, Series 500, Series 480, Series 450, Series 440, Series 380, Series 350	G-RT-006	3864	4	3	98.48	2.83, 2.38, 4.74	CRIB, CRTF, BPSL	GCI, GCI, GCI
4.236	OK 05 K, OK 05 K, Series 560, Series 550, Series 530, Series 500, Series 480, Series 450, Series 440, Series 380, Series 350	G-RT-007	3864	4	5	98.48	2.38, 2.38, 2.38, 6.33, 6.33	CRIB, CRIB, NTF, CHSL-B, SOR	SGI, GCI, GCI, GCI, GCI
4.236	OK 05 K, OK 05 K, Series 560, Series 550, Series 530, Series 500, Series 480, Series 450, Series 440, Series 380, Series 350	G-RT-008	3864	4	4	98.48	2.39, 2.39, 6.34, 6.34	CRTF, CTF, CHSL-B, SOR	GCI, GCI, GCI, GCI
4.236	OK 05 K, OK 05 K, Series 560, Series 550, Series 530, Series 500, Series 480, Series 450, Series 440, Series 380, Series 350	G-RT-009	3864	4	3	98.48	2.39, 2.39, 6.34	CRTF, CTF, SOR	GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
T 4.38	S 100	G-RT-010	3864	4	3	98.48	3.16, 2.38, 4.74	CRFK(6°), CRTF, CHSL-B	SGI, GCI, GCI
MIDR 04.02.26 A/4, Euro2, MIDR 04.02.26 B/4-Euro2, MIDR 06.02.26-Euro 0, MIDR 06.02.26 D-Euro1, MIDR 06.02.26 DU, MIDR 06.02.26H, MIDR 06.02.26Q, MIDR 06.02.26S-Euro1, MIDR 06.02.26 U-Euro1, MIDR 06.02.26 U/4-Euro 2, MIDR 06.02.26 V-Euro 2, MIDR 06.02.26 V/4-Euro 2, MIDR 06.02.26 V-Euro 2, MIDR 06.02.26 V/4-Euro 2, MIDR 06.02.26 V/41-Euro 2, MIDR 06.02.26 W-Euro 1, MIDR 06.02.26 W/4-Euro 2, MIDR 06.02.26 X-Euro 1, MIDR 06.02.26 Y, MIDR 06.02.26 Y41-Euro 2	S 135, S 150, S 180, S 210, S 220, CLR 230, G 200, G 210, G 220, G 230, M 150, M 180, M 200, M 230, M 250, Midliner M 150, Midliner M 180, Midliner M 200, Midliner M 210, Midliner M 220, Midliner M 250, Midliner ME 210, Midlum 135, Midlum 150, Midlum 180, Midlum 210, Midlum 250, Premium 210Premium 250	G-RT-011	4118 & 6177	4, 6	3	102	3.5, 2.5, 4	CRFK(6°), CRTF, CHSL-B	SGI, GCI, SGI
D 0846 HM 42 U	S 105, S 45, S 53	G-RT-012	7030	6	3	108	2.5, 2.5, 5	CRR, CTF, CHSL-B	GCI, GCI, GCI
DXi 7 240 Euro 4, DXi 7 280 Euro 4, DXi 7 320 Euro 4	Lander 240, Lander 280, Lander 320, Premium 240, Premium 280, Premium 320	G-RT-013	7146	6	3	108	3, 2, 3.5	CRFKIS(15°), CRTFIB, CHSL-B	SGI, SGI, GCI
M 420, M 420 X, M 520, M 620, MD 420.30 B, MD 420.306	GAK 65, GBK-6, GCK-10	G-RT-014	6333 & 5880 & 7917 & 9500	4, 5, 6	4	120	3.25, 3, 3, 6	CRFK(15°), CTFIB, N, CHSL-B	SGI, GCI, GCI, GCI
MID 06.20.30, MID 06.20.30 G, MID 620.30, MIP 06.20.30	Series 950, C 190, G 190, GB 191, GC 190, GC 191, GF 191, GLR 190, GR 190, PR 14, PR 100, PR 100, PR 770, PR 770, PR 950, TB 191	G-RT-015	8820	6	3	120	3.25, 3, 4	CRFK(15°), CRRIB, BPSL	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
MIDS 06.20.30, MIDS 06.20.30 B, MIDS 06.20.30 D, MIDS 06.20.30 N, MIPS 06.20.30, MIS 06.20.30	Series 228, Series 230, Series 231, Series 235, Series 950, C 210, G 210, G 230, GB 231, GC 230, GC 231, GF 230, GF 231, GFC 231, GLR 210, GLR 230, GR 230, GR 231, GRH 235, PER 180, PR 10, PR 12, PR 14, PR 100, PR 180, TB 231, TB 231, TF 230	G-RT-016	8820	6	3	120	3.25, 3, 4	CRFK(15°), CRTFIB, CHSL-B	SGI, GCI, GCI
MIDR 06.20.30 A, MIDR 06.20.45, MIDR 06.20.45 A / 2, MIDR 06.20.45 B / 3-Euro 1, MIDR 06.20.45 DD, MIDR 06.20.45 D / 3-Euro 1, MIDR 06.20.45 D / 41-Euro 2, MIDR 06.20.45 E-Euro 1, MIDR 06.20.45 E / 2-Euro 1, MIDR 06.20.45 E / 41 -Euro 2, MIDR 06.20.45 H, MIDR 06.20.45 M41-Euro 2, MIDS 06.20.45, MIDS 06.20.45 A2, MIDS 06.20.45 B, MIHR 06.20.45 A41-Euro 2, MIPR 06.20.45, MIPR 06.20.45 A, MIPR 06.20.45 B3, Euro 1, MIPR 06.20.45 C3-Euro 1, MIPR 06.20.45 E, MIPS 06.20.45 A, MIPS 06.20.45 B, MIPS 06.20.45 C	IliadeAgora Citybus, Ares 340, C 280, C 290, C 300, C 340, DG 290, FR 1, G 260, G 270, G 280, G 290, G 300, G 320, G 330, G 340, Kerax 300, Kerax 340, Maxter 300, Maxter 340, PER 180, PR 14, PR 100, PR 112, PR 18, Premium 340, R 312, R 330, R 332, R 340, Trace	G-RT-017	9839	6	3	120	3.5, 3, 4	CRFK(15°), CRRIB, CHSL-B	SGI, GCI, GCI
MIDR 06.20.30	PR 14	G-RT-018	8820	6	3	120	3.25, 3, 4	CRFK(15°), CRTFIB, CHSL-B	SGI, GCI, GCI
DCi 11 E + J01-Euro 3, MIDR 06.23.56 A / 41-Euro 2, MIDR 06.23.56 B / 41-Euro 2	Ares 380, Iliade, Kerax 370, Kerax 385, Kerax 400, Lander 370, Premium 370, Premium 385, Premium 400	G-RT-019	11122	6	3	123	3.5, 3, 4	CRKF(15°), CRTFIB, CHSL-B	SGI, SGI, GCI
M 635.40, MIV 08.35.08, MIV 08.35.30, MIV 08.35.3, MS 06.35 T	GR 320, TRH 320	G-RT-020	12024	6, 8	3	135	3.5, 3, 65.6,	CRFK(15°), CRTF, CHSL-B	SGI, GCI, GCI

RENAULT TRUCK

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
MIDR 06.35.40, MIDR 06.35.40 C	Series 305, Series 310, PX 30, R 310	G-RT-021	12024	6	3	135	3.5, 3, 4	CRFK(15°), CRTF, CHSL-B	SGI, GCI, GCI
MIDS 06.35.40, MIDS 06.35.40 B	GBH 280	G-RT-022	12024	6	3	135	3.5, 3, 6	CRFK(15°), CRTF, CHSL-B	SGI, GCI, GCI
MIDR 06.35.40 G, MIDR 06.35.40 H, MIDR 06.35.40 H2, MIDR 06.35.40 J1-Euro 1, MIDR 06.35.40 J3-Euro 1, MIDR 06.35.40 L1, MIDR 06.35.40 L3-Euro 1, MIDR 06.35.40 M3-Euro 1, MIDR 06.35.40 N / 3, Euro 1, MIDR 06.35.40 P41, Euro 2	CBH 320, CBH 340, CBH 350, CBH 380, BH 385, CLM 320, CLM 340, CLM 350, CLM 380, CLM 385, GBH 320, Magnum AE 380, Magnum AE 385, Magnum AE 420, R TS, R 340, R 350, R 357, R 365, R 380, R 385, R 385, R 420, R 420	G-RT-023	12024	6	3	135	4, 3, 4	CRFK(15°), CRR, CHSL-B	SGI, GCI, GCI
MIDR 06.35.40 G, MIDR 06.35.40 H, MIDR 06.35.40 H2, MIDR 06.35.40 J1-Euro 1, MIDR 06.35.40 J3-Euro 1, MIDR 06.35.40 L1, MIDR 06.35.40 L3-Euro 1, MIDR 06.35.40 M3-Euro 1, MIDR 06.35.40 N / 3, Euro 1, MIDR 06.35.40 P41, Euro 2	CBH 320, CBH 340, CBH 350, CBH 380, BH 385, CLM 320, CLM 340, CLM 350, CLM 380, CLM 385, GBH 320, Magnum AE 380, Magnum AE 385, Magnum AE 420, R TS, R 340, R 350, R 357, R 365, R 380, R 385, R 385, R 420, R 420	G-RT-024	12024	6	3	135	4, 3, 4	CRFK(15°), CRTFIB, CHSL-B	SGI, GCI, GCI

ROMAN - DIESEL / ROVER

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
ROMAN - DIESEL									
D 2156 HMN 8, D 2156 MTN 8	Series 10.215, Series 19.256	G-RD-01	10344	6	4	121	3.5, 3, 3, 5.5	CRFK, CTF, N, CHSL-B	SGI, GCI, GCI, GCI
ROVER									
EJ, EN	Triumph, Acclaim	G-ROV-001	1335	4	3	72	1.5, 1.5, 4	CR, CTF, TPOR	SGI, GCI, S
11K, 14K, 01-01-1995	114, 214, 414, Metro	G-ROV-002	1120 & 1396	4, 4	3	75	1.2, 1.5, 3	CR, CTF, TPOR	SGI / S, GCI, GCI
11K, 14K, JAN-95	111i, 114i, Metro	G-ROV-003	1120 & 1396	4, 4	3	75	1, 1.2, 2	C, NTF, TPOR	SGI / S, GCI, GCI
18 K-Serie,	216i, 446i, 218-220, 45+75	G-ROV-004	1589 & 1997 & 2497	4, 6, 6	3	80	1, 1.2, 2	CIB, NTF, TPOR	SGI / S, GCI, GCI
PE 146, PE 166	2300 / S, 2600 S / SE	G-ROV-005	2350 & 2597	6, 6	3	81	1.75, 1.75, 5 / 32"	CRIB, NTF, TPOR	SGI / S, GCI, S
XUD 9 A	218, 418	G-ROV-006	1905	4	3	83	2, 2, 3	CR, CTF, CHSL-B	SGI / S, GCI, GCI
M 16 TC	800, 820	G-ROV-007	1994	4	3	84.45	1.75, 1.75, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
M 16 E / M 16 I, 1994 cm3	820 E / SE, 820 i / Si, 2000	G-ROV-008	1996 & 1994	4, 4	3	84.45	2, 1.75, 3	CR, NTF, CHSL-B	SGI / S, GCI, GCI
	620 TDi	G-ROV-009	1994	4	3	84.45	3, 2, 3	CRFKIB, NTF, CHSL-B	SGI, GCI, GCI
M 16 TC	800+820	G-ROV-010	1994	4	3	84.45	1.75, 1.75, 3	CRIB, NTF, CHSL-B	SGI / S, GCI, GCI
820 T Series 16 V	820i, 820Li, Fastback	G-ROV-011	1994	4	3	84.45	1.2, 1.5, 3	CIB, NTF, CHSL-B	SGI / S, GCI, GCI
	826 Si, Sport	G-ROV-012		6	3	87	1.2, 1.5, 4	CIB, CTF, TPOR	SGI / S, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
HR 492 HI, HR 492 HAT	2400 SD Turbo, 2400 SD Turbo	G-ROV-013	2392 & 2393	4, 4	3	92	2.5, 2, 4	CRFK, NTF, CHSL-B	SGI / S, GCI, GCI
HSE	Landrover	G-ROV-014	4600	8	3	94	1.2, 1.5, 3	CIB, NTF, CHSL-B	SGI / S, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
RF / RD 80, RD 180		G-RUG-001		1, 2	3	80	2.5, 2.5, 4	CR, CTFIB, DB-PSL	GCI, GCI, GCI
RD 200		G-RUG-002		2	3	85	2, 2, 4	CR, CTFIB, DB-PSL	GCI, GCI, GCI
RD / RF / RM 90, RD / RM / RW120, RDM 901, RD 210, RD / RW 220, RDM 902	Acme ADN 54	G-RUG-003		1, 2	3	90	2, 2, 4	CR, CTFIB, DB-PSL	SGI / S, GCI, GCI
RD 900, RD 901		G-RUG-004		1, 2	4	90	2.5, 2.5, 2.5, 5	CRIB, CTF, N, BPSL	GCI, GCI, GCI, GCI,
RD 920, RD920		G-RUG-005		1, 2	4	90	2.5, 2.5, 2.5, 5	CR, CTF, CTF, CHSL-B	GCI, GCI, GCI, GCI,
RD 951, RD 952		G-RUG-006		1, 2	5	95	2.5, 2.5, 2.5, 4, 4	CRIB, CTFIB, CTFIB, BPSL, SOR	GCI, GCI, GCI, GCI, GCI
RD 270		G-RUG-007		2	4	95	2.5, 2.5, 2.5, 5.5	CRIB, CTFIB, CTFIB, BPSL	GCI, GCI, GCI, GCI,
CRD / RD 100, RD 170, CRD 100 / 2, RP 320		G-RUG-008		1, 2	4	100	2.5, 2.5, 2.5, 5	CR, CTF, CTF, BPSL	SGI, GCI, GCI, GCI,
XUD 9 A	218, 418	G-ROV-006	1905	4	3	83	2, 2, 3	CR, CTF, CHSL-B	SGI / S, GCI, GCI
M 16 TC	800, 820	G-ROV-007	1994	4	3	84.45	1.75, 1.75, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
M 16 E / M 16 I, 1994 cm3	820 E / SE, 820 i / Si, 2000	G-ROV-008	1996 & 1994	4, 4	3	84.45	2, 1.75, 3	CR, NTF, CHSL-B	SGI / S, GCI, GCI
	620 TDi	G-ROV-009	1994	4	3	84.45	3, 2, 3	CRFKIB, NTF, CHSL-B	SGI, GCI, GCI
M 16 TC	800+820	G-ROV-010	1994	4	3	84.45	1.75, 1.75, 3	CRIB, NTF, CHSL-B	SGI / S, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
4.108	LE 25	G-RVI-001	1760	4	5	79.37	5 / 64", 1 / 16", 1 / 16", 1 / 8", 3 / 16"	CIB, CIB, CIB, N, BSOR	GCI, GCI, GCI, GCI, GCI
671	SG 2 E / 4, N / 4 L, SB 2 F	G-RVI-002	2141	4	3	88	2, 2, 4.5	CR, CTF, BPSL	SGI / S, GCI, GCI
817.01-04		G-RVI-003	2600	4	3	93	2, 2, 4.5	CR, CTF, BPSL	SGI / S, GCI, GCI
712.01-04, 712.08, 599 LE 01		G-RVI-004	3017	4	4	98	3, 2.5, 2.5, 4.5	CRFK, CTFIS, N, CHSL-B	SGI, GCI, GCI, GCI,
712-01..04 / 08, 712-03 / 04	SG 4, SG 5, SM 5, D 5 T, SG 2 MB 35, SG 2 MB 38, SM 5, SG 4 DN, / DL / DXL / DM, SG 2 D 3800, SG 2 DM 3800, SG 2 D 3500, SG 2 DM 3500, Super Goelette, Super Galion	G-RVI-005	3319	4	3	98	3, 2.5, 4.5	CRFK, CTFIS, CHSL-B	SGI, GCI, GCI
5,92,591		G-RVI-006	2263 & 3017	3, 4	4	98	3, 3, 3, 4.5	CR, CTF, CTF, CHSL-B	GCI, GCI, GCI, GCI,
AD 4.236	380 K, 560-C, -K, -L, -N, -EL, LE 35, Stradair 05 / 10	G-RVI-007	3865	4	4	98.48	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CRIB, CIB, CIB, CHSL-B	GCI, GCI, GCI, GCI,
6.354	GL 750 M, 560, K-N, -L, -EL, -UL, 610 K-N,	G-RVI-008	5784	6	5	98.48	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CRIB, CIB, CIB, CHSL-B, SOR	GCI, GCI, GCI, GCI, GCI
800	Crusair 2AV800, 3AV800, PR100	G-RVI-009	6910	V8	4	100	2.5, 2.5, 2.5, 5	CR, CTF, CTF, BPSL	SGI, GCI, GCI, GCI,
597	SM 7-F 3000, F 3500, F 4000, F 4500, SM 8-F 3000	G-RVI-010	5278	6	4	100	3, 2.5, 2.5, 5	CRFK, CTF, CTF, BPSL	SGI, GCI, GCI, GCI,
798	SM 8-TU, JP 13 T, JR 1, JN 75, 13 BUL, JP 11, 130, 150, 95130	G-RVI-011	5419	6	4	102	3, 2.5, 2.5, 5	CRFK, CTF, CTF, CHSL-B	SGI, GCI, GCI, GCI,

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
720.01..03 / 08 / 12, 797, U5M62, D0216MXU	SG 5, SG 5 C, SM 5, JK 60 / 65 / 75 / 90B, SM 7, SM 8, SM 8-13, SM 8-TM, SM 8-TY, E 7 CSC 28, SC 29, JN 75, JN 90, JP 11, JP 13	G-RVI-012	3593 & 5489	4, 6	3	102	3, 2.5, 5	CRFK, CTF, CHSL-B	SGI, GCI, GCI
MIDR 602.026 D, 06.02.26D	G 230, M 230	G-RVI-013	6177	6	3	102	3.5, 2.5, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
8.51	PR100PA	G-RVI-014	8360	V8	4	107.95	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, CTFIB, CTFIB, CHSL-B	SGI, GCI, GCI, GCI,
D 0836 M / MH / , MU / HM 3U / HM, / HMN / HMU / HM 2 / HM 7, D 0846 HM 2 / HMN 2	S 45 GT, S 53M, S 105 M, SC 10, SM 170, SM 170 L, JM 170 N, JM 170 NA, JM 170 XL, S 105 M, Sciou, SM 10, SM 12, SM 21, SM 170, SM 180 H, E 7 N, E 7 L, S 45 GT, S 53 M, S 105M, Sciou	G-RVI-015	7030 & 7252	6, 6	3	108	2.5, 2.5, 5	CR, CTF, CHSL-B	SGI, GCI, GCI
MID 620.30	GB 190, GF, GLR, GR191, TB, PR10100	G-RVI-016	8822	6	3	120	3, 3, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
MID 620.30	GB 190, GF, GLR, GR191, TB, PR10100	G-RVI-017	8822	6	3	120	3, 3, 4	CRFK, CRTFIB, CHSL-B	SGI, GCI, GCI
MIDS 620.30	GB 231, GC 231, GF 231, GLR 230, TB 231, PR 10, PR 12, PR 14, 950 KB 6 S, 950 KTB 6 S, G 210.19, G 230.19	G-RVI-018	8820	6	4	120	3.25, 3, 3, 4	CRFK, CTF, NTF, CHSL-B	SGI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
M 420, MDXM, MDX 16 M, 24 M, 26 M, 44 M, 44 M 3, 46 M, 48 M, .M 520, MDUMK, MDU 24 M, 25 M, 44 M, 45 M, 44 M 3, 46 M 3, MDZ 23, M 620 P, T, 2.23, M 420.30 B 2 X	GBK 6, GLC 6 M, 6 M 2, PLB 6 SM, PBH 6, TBK 6, GDK 75, TBK 6, 6 B, RR & S, GL 6 M 2, GLC 6 M 3, 6 RM 3, 8 M 3, 8 RM 3, GLR 8 M 3, 8 RM 3, L 62 M, 3, RM 3, GBK 6, PBK 6, L 64, 6 M 3, GLR 8 M, GLR 8 M, GBC 8 M, TLC 8 M, GLR 160, CGK 160, TAK 160 / 180, TCK 8 A, TAK8, L 64, GLM 10, GLR 10, TLM 10, TLR 10, GPRU 10, GR 200, TR 200, GR 205, GCK 200, PHN 10, PHL 10, Stradair 20 T, TA, 30 T, TA, 40, 50, GAK 55, 65, 70 / 600, GAK 70, TAK 70, TAK 70, 770 K, 771 K, 680 KB, 880 K, KB, 881 KB, GBK 80, GL 900	G-RVI-019	6328 & 7917 & 9500 & 5881	4, 5, 6, 4	4	120	3.25, 3, 3, 6	CRFK, CTF, NTF, CHSL-B	SGI, GCI, GCI, GCI
MIP 620.30, MID / MIP 620.30, MIDR 620.30, MIDS 620.30, MIDR / MIDS 620.45	HB 15, HB 17, HB 19, HB 26, GB / GC / GF / , GLR 190, Traktor TB 191-, 950, KB6-HBT, HB 26, PR 100, PR 14 GL, PR 14 S LG, C 210, G 210, G 230, C 260.26, C 260.19 T, C 260.19 T, C 279 T, G 260, G 280	G-RVI-020	8822 & 8820 & 9839	6, 6, 6	3	120	3.25, 3, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
		G-RVI-021			3	120	3.25, 3, 4	CRFK, CRTFIB, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
MIDR / MIDS 620.45, MIDR / MIPS 620.45, MIDR / MIPR 620.45	C 260.26, C 260.19 T, C 279 T, G 260G 280, PR 100, PR 180C 260, G 260, R 312, PR 100.2 / , 180.2, PER 180.2, G 260.6, G 260.15, T / G / C260.16, B / G 260.17, T / G / C260.19, G 260.24, G / C 260.26, G 300 Major, FR 1, PR180, C / G 290, G 320R 330 Megabus, FR 1.T3, FR 1.GT, PR 180.2Megabus, C 260.19, C 260.19 T, C 290.26, FR 1.E1, FR 1.T1, 320CV, 340, CV, 290.23, T, R 330.17, R 330.19, R 330.24, G 290.15 T, G 290.19, G 290.19 T, G 290.21 T, G 290.24, G 290.26, G 320.19, G 320.19 T, G 320.21 T, G 320.23 T, G 320.24, G 320.26	G-RVI-022	9839 & 9834	6, 6	3	120	3.25, 3, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
2146 HM, 2146 M	JM 240, JM 240 T, JM 240 T, JM 240 T, JM 240 T, JM 240 T, JM 240 T	G-RVI-023	9660	6	4	121	3.5, 3, 3, 5.5	CRFK, CTF, N, CHSL-B	SGI, GCI, GCI, GCI
D 2156 HM 6, DK / HMN / , HMUS, D 2156 MTN 5	E 7.110, E 7.125, SM 200, SM 240, SM 240 HT, SM 21.240, SM 32.240, JM 200.0, JM 240.2, SH 280 TU, SH 36.280 TU, SH 380.280 TU, SM 260 / 280	G-RVI-024	10343 & 10350	6, 6	4	121	3.5, 3, 3, 5.5	CRFK, CTF, N, CHSL-B	SGI, GCI, GCI, GCI
D 2555 M, D 2556 MXF	15.168, 19.168, 19.240, 26.240, 32.240, EPG 176, EPG 216, EPG 246, EPG 288	G-RVI-025	10350	6	4	123	3.5, 3, 3, 5.5	CRFK, CTF, N, CHSL-B	SGI, GCI, GCI, GCI
D 2555 M, D 2556 MXF	15.168, 19.168, 19.240, 26.240, 32.240, EPG 176, EPG 216, EPG 246, EPG 288	G-RVI-026		5, 6	3	125	3, 3, 5	CRFK, CTF, CHSL-B	SGI / S, GCI, GCI
D 2858 M	SM 300, SM 340, 19.304 DFA, 22.304 DFAT	G-RVI-027	15450	V8	4	128	3.5, 3, 3, 5.5	CRFK, CTF, NTF, CHSL-B	SGI, GCI, GCI, GCI
MIVS 835.30	GR350, GRH, TR, TRH	G-RVI-028	14886	V8	4	135	3.5, 3, 3, 4	CRFK, CTF, NTF, CHSL-B	SGI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
MS 635 T, MDS 635.40	Traktor TR 280, TLR 280 M 3, GR 280-N, -L, -EL, GBH 280-N, GR 305, GRH 305, TRH 305, 310	G-RVI-029	12000	6	4	135	3.5, 3, 3, 6	CRFK, CTF, NTF, CHSL-B	SGI, GCI, GCI, GCI
MIVS 835.30-20137, -2015, MIDR , 635.40 C, MIDR 635.40, MIVR 835.30	R 360, R 360 T, GR 350, TR 350, R 370, R 310 T, Baureihe 305 / , 310, PX 30, R 390, R 420	G-RVI-030	14886 & 11941 & 12024 & 14880	V8, 6, 6, V8	3	135	3.5, 3, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
MDS / MIDS 635.40	GBH 280, CBH 280	G-RVI-031	12024	6	3	135	3.5, 3, 6	CRFK, CTF, CHSL-B	SGI, GCI, GCI
MIDR 635.40 G / H 2, MIDR 0635.40 L 1, MIDR 0635.40 J 1, MIDR 0635.40 N 3 Euro 1, MIDR 0635.40 J 3 Euro 1, MIDR 0635.40 M 3 Euro 1	R 340, R350, R 365, R380, AE 380, AE 385 R385, AE 420, R 420, AE 385, Major R 385, CLM 385, GBH 385, CBH 385, CLM 320, GBH 320, CBH 320, CLM 320	G-RVI-032	12024	6	3	135	4, 3, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
		G-RVI-033			3	135	4, 3, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
Motor	900	G-SAA-001	2500	6	3	81.6	1.5, 1.5, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
Motor	99	G-SAA-002	1709	4	3	83.5	1.75, 2, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
X 30 XE	9000 CD, 9-5 3.0 V6t SE	G-SAA-003	2962	V6	3	86	1.5, 1.5, 3	CRIB, CTF, TPOR	SGI / S, GCI, S
	99	G-SAA-004	1854	4	3	87	1.75, 2, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
99 LE		G-SAA-005	1847	4	3	87	2, 2.5, 4	CR, NTF, TPOR	SGI / S, GCI, S
B 205 E, B 235 E	9,00,09,000	G-SAA-006	1984 & 2290	4, 4	3	90	1.5, 1.5, 2.5	CRIB, NTF, TPOR	SGI / S, GCI, S
B 234, B 234 L, B 234 I, B 234 E / R / L, B 204, B 206	9000, 9000 Turbo, 9000 CS Turbo, 9000	G-SAA-007	9000 & 1985	4, 4	3	90	1.75, 2, 3	CRIB, N, TPOR	SGI, GCI, S
BZ 20, B 201, B 20, B 202 T, B 202 L, B 202-16V	99, 900, 900 (USA), 90, 9000 Turbo 16, 900, 9000	G-SAA-008	1985 & 1984	4, 4	3	90	1.75, 2, 4	CRIB, N, TPOR	SGI, GCI, S
B 212	900	G-SAA-009	2119	4	3	93	1.75, 2, 3	CR, N, TPOR	SGI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
9,53,953	Traktor Delfino, Minitauro	G-SAM-001		2, 3	4	95	2.5, 2.5, 2.5, 5.5	CRIB, CTFIB, CTFIB, BPSL	GCI, GCI, GCI, GCI
9,52,954	Traktor, Sametto, Atlanta 45, Centauro	G-SAM-002		2, 4	5	95	2.5, 2.5, 2.5, 5.5, 5.5	CRIB, CTFIB, CTFIB, BPSL, SOR	GCI, GCI, GCI, GCI, GCI
984985982983, 986 L	Traktor Sirenetta, Delfino 35, Aurora 45, Corsaro 70, Drago, Falcon, Vigneron, Panther, Panther 90, Tiger Six 105, Corsaro 70 SY, Same 047, Condor 55 SY	G-SAM-003	3619 & 4524	4, 5, 2, 3, 6	4	98	2.5, 2.5, 2.5, 5.5	CRIB, CTFIS, N, BPSL	GCI, GCI, GCI, GCI
	Panther, Tiger Six, Condor, Corsara	G-SAM-004		2, 3, 4, 5, 6	4	100	2.5, 2.5, 2.5, 5.5	CR, CTF, N, CHSL-B	SGI, GCI, GCI, GCI
	Italia 35, Italia 70	G-SAM-005		2, 4	5	100	2.5, 2.5, 2.5, 5, 5	CR, CTF, N, BPSL, SOR	SGI, GCI, GCI, GCI, GCI
X1M, 916 A, X1M, 916 A		G-SAM-006		3, 4	3	103	3, 3, 4	CR, CTF, CHSL-B	GCI, GCI, GCI
1053 P, 1054 P, 1055 P, 1056 P	Taurus 60 E / C, Vigneron 60, Minotaurus 60 / F, Centurion 75 S / E, Mercury 85 S / E, Leopard C, Saturno, Jaguar 100 E, Drago 120, Trident 130 E, Laser 130, Buffalo 130	G-SAM-007	3116 & 4156 & 5195 & 6234	3, 4, 5, 6	4	105	2.5, 2.5, 2.5, 5	CRIB, CTF, N, CHSL-B	SGI, GCI, GCI, GCI
105.3, 105.4, 105.6	Taurus, Jaguar, Buffalo, Leopard	G-SAM-008	3166 & 4156 & 6234	3, 4, 6	5	105	2.5, 2.5, 2.5, 5, 5	CRIB, CTF, N, CHSL-B, SOR	SGI, GCI, GCI, GCI, GCI
105.4 PT, 105.6 PT	Leopard, Buffalo	G-SAM-009	4156 & 6234	4, 6	3	105	2.5, 2.5, 5	CRIB, N, CHSL-B	SGI, GCI, GCI
1000.3 AT, 1000.4 AT, 1000.6 AT	Traktor, Gamma-Media	G-SAM-010		3, 4, 6	3	105	3, 2.5, 4	CR, CTF, CHSL-B	GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
1000.3 WT / AT / W / A, 1000.4 WT / AT / W / A, 1000.6 WT / AT / A		G-SAM-011		3, 4, 6	3	105	3, 2.5, 4	CR, CRIB, CHSL-B	GCI, SGI, GCI
	Traktor DA 12, 18, Traktor DA 25, 30, Traktor DA 38, 47, Traktor DA 55, 67	G-SAM-012		1, 2, 3, 4	5	110	3, 3, 3, 6, 6	CR, CTF, CTF	GCI, GCI, GCI, GCI, GCI
H 496, H 5116, H 6136		G-SAM-013		4, 6	3	110	3, 3, 6	CR, CTF, CHSL-B	GCI, GCI, GCI
SANWA									
		G-A.COMP-43			4	80	3, 3, 3, 4	TF, TF, TF, SOR-DB	GCI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
D 0846 HMN 2	SM 10	G-S-01	7252	6	3	108	2.5, 2.5, 5	CRR, CTF, CHSL-B	GCI, GCI, GCI
D 2156 HM 6, D 2156 HMN 6, D 2156 MTN 5	E 110, SM 260	G-S-02	10344	6	3	121	3.5, 3, 3, 5.5	CRFK, CTF, N, CHSL-B	SGI, GCI, GCI, GCI
D 2356 HM 6 DK, D 2356 HMN 5	SM 260 MT	G-S-03	10690	6	4	123	3.5, 3, 3, 5.5	CRFK, CTF, N, CHSL-B	GCI, GCI, GCI, GCI
D 2555 M	15.168	G-S-04	9199	5	3	125	3, 3, 5	CRFK, CTF, CHSL-B	GCI, GCI, GCI
D 2555 M	15.168	G-S-05	9199	5	3	125	3, 3, 5	CRFK, NTF, CHSL-B	GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
D 8, DS 8, DSJ 8	L 80, LB 80, L 81, LB 81, G 82, P 82, T 82, L 85, LB 85, L 86, LB 86	G-SCA-001	7800 & 7786	6.6	4	115	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CR, CTF, CTF, CHSL-B	SGI, GCI, GCI, GCI
DN 8 01, D 8 05 / 06, DS 8 01, DSJ 8 01, DN 9 01	L 80, LB 80, L 81, LB 81, G 82 M / MD, P 82 H, M, T 82 H / M, L / LB 85, L / LB / LS / B / BF / BR 86, L / LB 80 S, L / LB 81 S, G 82 M, P 82 H / HB / M / MA, T 82 H / M, L / LB 85 S, L / LB 86 S, 82, Baureihe 92	G-SCA-002	7800 & 8724	6.6	3	115	3 / 32", 3 / 32", 3 / 16"	CR, CTF, CHSL-B	SGI, GCI, GCI
DS 8	L / LB 80, L / LB 81, L / LB 85, L / LB 86	G-SCA-003	7800	6	4	115	3, 3, 3, 6	CR, CTFIB, CTFIB, CHSL-B	SGI, GCI, GCI, GCI
D 5, D 7	L / LS 55, 42 L, L 5546, L 5550 L	G-SCA-004	4720 & 7170	4, 6	5	115	3, 3, 3, 6, 6	CR, CTFIB, CTFIB, BSOR, BSOR	GCI, GCI, GCI, GCI, GCI
DS 9.01, DSC 9.01 / 02, DS 9.05 / 06 / 08, DS 9.05 / 06 / 08	82, 92, D / P / RT 92, Baureihe 93, DSC 9.02 / 07 / 08 / 09, DSC 9.40 / 41 / , 42 / 44	G-SCA-005	8724 & 8471	6, 6	3	115	1 / 8", 3 / 32", 3 / 16"	CRFKIS, , CTF, CHSL-B	SGI, GCI, GCI
DS 9 05, 9 06, 9 08, DSC 902-944	82, 92, 93	G-SCA-006	8471 & 8724	6, 6	3	115	3.16, 2.38, 3.5	CRFK, CTF, CHSL-B	SGI, GCI, GCI
D 11, DS 11, D 14, DS 14	L 110, LS 110, LB 110, L 140, LB 140, LBS 140	G-SCA-007	11000 & 14200	6, V8,	4	127	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CR, CTFIS, CTFIS, CHSL-B	SGI, GCI, GCI, GCI
D 11, DS 11	L / B / CF / CR 76, L76, L / LS / LB / , LBS 110, L / LB / , LBS / LBT / LS / , LT 110 S	G-SCA-008	11000	6	4	127	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CR, CTFIS, CTFIS, CHSL-B	SGI, GCI, GCI, GCI
DS 11.01 / 02 / , 14 / 15 / 18, L05, D 11, DN 11.01	L / LS / LB / LBS 110 S, L / LB / LS / LT / , LBS / LBT, 111 S, LT / LBT , 111 BB, LBT 111 FB, SBAT 111, T 112 H / E, G 112 M, K 112, R 112 / M / MA, / H / E, B 116, P 112 M / MA / H / E, L / LB 110, L / LB / LSLBS 111, SBA 111, T 112 E / H	G-SCA-009	11000	6	3	127	3 / 32", 3 / 32", 3 / 16"	CR, CTFIS, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
DS 11	Case-Traktoren (USA) Land Baumaschine,	G-SCA-010	11000	6	4	127	1 / 8", 3 / 32", 3 / 32", 3 / 16"	CRFKIS, CTFIS, CTFIS, CHSL-B	SGI, GCI, GCI, GCI
DS 14, DS 14.06, DS 14.01 / 02, DSI 14, DSC 14	L / LB / LS / LBS / , LBT 140, LT 145, 141, 142, 146, 141 S, T 112 E, R 142 E / H / M / MA, R / T 142 H, 146	G-SCA-011	14200	V8	3	127	1 / 8", 3 / 32", 3 / 16"	CRFKIS, CTFIS, CHSL-B	SGI, GCI, GCI
D 10, DS 10	LA 75, LS 75, LT 75	G-SCA-012	10260	6	5	127	1 / 8", 1 / 8", 1 / 8", 1 / 4", 1 / 4"	CR, CTF, CTF, CHSL-B, SOR	GCI, GCI, GCI, GCI, GCI
DSC 11 / 27, DSC 11 , Euro 2, DSC 12 01 / 02, Euro 2 / , Euro 3, DSC 14	113 Bus, R 113 H, R 124 LA 400	G-SCA-013	11022 & 11015 & 11700 & 14181	6, 6, 6, V8	3	127	3.5, 3 / 32", 3.5	CRFKIS, CTF, CHSL-B	SGI, GCI, GCI
DSC 11.01, DS 11.34 / 73, DSC 11.12 / , 13 / 16 / 17 / 18, DS 11, DSC 11, DSC 11.22 / 70, DTC 11.01 / 02, Euro 1, DSC 11.21 / 23 / , 35 / 36, DS 11.75, DSC 11.08 / 10 / , 30 / 70 Euro 2, DSC 14.05 / 06, DSC14.03 / 04, / 08 / 09 / 10 / 16, DS 14 Case, DSC 14 J, DS 14.46 / 48 / , 49 / 50, DSC 14.45 / 46, DSI 14.47 / 50 / 60 / , 61 / 63, DSC 14.08 / 10, DSC 14.09 Euro 1, DSC 14.10	112, Baureihe 113, Industrie motor, P / R 113, P / R / T 113, R 113 MA 380 A, R / T 142, Baureihe 143, Industrie motor, R / T 143	G-SCA-014	11018 & 11015 & 11022 & 11000 & 14118 & 14180 & 14181	6, 6, 6, V8, V8, V8	3	127	3.5, 3 / 32", 3 / 16"	CRFKIS, CTFIS, CHSL-B	SGI, GCI, GCI

SEAT / SIMCA

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
SEAT									
	Fura	G-SEA-001	965	4	3	67.2	1.5, 1.75, 5 / 32"	CRIB, NTF, TPOR	SGI / S, GCI, S
021.A.1000, 021 C 1000	Ibiza, Ronda, Malaga	G-SEA-002	1193	4	3	75	1.5, 1.75, 4	CRIB, CTF, TPOR	SGI / S, GCI, S
1.4	Terra	G-SEA-003	1398	4	3	75	1.75, 2, 3	CRIB, CTF, PSL	SGI / S, GCI, GCI
	Ibiza	G-SEA-004	1272	4	3	75	1.75, 2, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
AAZ, 1Z, AFN, AHU	Ibiza, Toledo, Toledo TDI, Alhambra TDI	G-SEA-005	1896	4	3	79.5	1.75, 2, 3	CR, CTFIB, CHSL-B	SGI / S, GCI, GCI
ABK, AAD	Toledo, Ibiza	G-SEA-006	1984	4	3	82.5	1.2, 1.5, 2	CTFIB, CTFIB, TPOR	SGI / S, GCI, S
	Ibiza	G-SEA-007	1675	4	3	83	1.5, 1.75, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
021.A.2000	Ibiza, Ronda, Malaga	G-SEA-008	1461	4	3	83	1.5, 1.75, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
138 A 5.000, 138 B 6.000	Ronda, Ibiza, Malaga	G-SEA-009	1714	4	3	83	2.5, 2, 4	CRFK, N, CHSL-B	SGI, GCI, GCI
SIMCA									
1962-1970		G-SI-01	944	4	3	68	1.75, 2, 4	IBTF, CR, 3POR	GCI, GCI, S

SKODA / SLANZI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
SKODA									
990	S 100, S 100 L	G-SKO-001	988	4	3	68	2, 2, 4	CRIB, N, BSOR	GCI, GCI, GCI
742.12, 742.12X	S-120 S / L / GL / , LS, S-1203	G-SKO-002	1174	4	3	72	1.5, 1.5, 3	CR, NTF, TPOR	SGI / S, GCI, S
	120	G-SKO-003	1174	4	3	72	2, 2, 4	CRIB, N, TPOR	GCI, GCI, S
742.135, 781.135, 135 M	Rapid 136, Favont	G-SKO-004	1289	4	3	75.5	1.5, 1.5, 3	CRIB, CTF, TPOR	SGI / S, GCI, S
120, 130, 130 K	1200 LS, 1300	G-SKO-005		4	3	75.5	2, 2, 4	CRIB, CTF, TPOR	SGI / S, GCI, S
SLANZI									
DVA 151.1, DVA 1030.2, Dva 1550.3		G-SLA-001		1, 2, 3	3	86	2, 2, 4	CR, CTFIB, BPSL	GCI, GCI, GCI
DS 2001.2, DS 3001.3, DS 4001.4		G-SLA-002		2, 3, 4	3	105	3, 2.5, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
WD 308.40 / , 41 / 45, WD 408.40 / , 41 / 42 / 43	540 / a, 545 / a, 548, 650 / a, 658, 760 / a, 768	G-STE-001	2355 & 3140	3, 4	4	100	2.5, 2.5, 2.5, 4	CR, CTF, CTF, CHSL-B	SGI, GCI, GCI, GCI
WD 308, WD 408	540, 545, 548, 650, 760	G-STE-002	2355 & 3140	3, 4	4	100	2.5, 2.5, 2.5, 5	CR, CTF, CTF, CHSL-B	SGI, GCI, GCI, GCI
WD 308.40 / , 41 / 45, WD 408.40 / , 41 / 42 / 43, WD 311, WD 411, WD 600	540, 545, 548, 650, 658, 760, 768, Tractor 8080+8100	G-STE-003		3, 4, 3, 4, 6	3	100	2.5, 2.5, 4	CR, CTF, CHSL-B	SGI, GCI, GCI
WD 209, WD 609 e / f / g / h / n, Stamo 609 S	188, 586, 680, 780 c, 890	G-STE-004	1990 & 5975	2, 6	5	105	2.5, 2.5, 2.5, 5, 5	CRIB, CTF, N, CHSL-B, SOR	SGI, GCI, GCI, GCI, GCI
WD 210.40, WD 410.40, WD 10.18 / 19, / 20, WD 10.40 / 42 / , 43 / 44 / 50 / 01	Traktor 430b, Traktor 870a, 586, 590.110, 680, 690.110, 690.132, 890.132, 430, 870, 1090, 1100, 1100 s, 1108,	G-STE-005	1996 & 3983 & 5975	2, 4, 6	5	105	3, 2.5, 2.5, 5, 5	CRFK, CTF, N, CHSL-B, SOR	SGI, GCI, GCI, GCI, GCI
WD 610.00 / 13 / 16 / 19 / 20, 610.60 / 68 / 69 / 70 / 72 / 79	586, 790, 890, 790.150, 790.150, 890.150, 1390.150	G-STE-006	5976	6	5	105	3.5, 2.5, 2.5, 5, 5	CRFK, CTF, N, CHSL-B, SOR	SGI, GCI, GCI, GCI, GCI
WD 612.85 / 86 / 87 / 89, 612.00 / 01 / 60 / 63 / 67 / 68 / 70 / 77 / 90, WD621.94 / 95, Euro 1, 612.0001 / 20 / 40 , WD412.40 / 41	8150, 8165, 8170, 790, 791, 18S23, 18S26, 980, 988, 1200, 8140, 691.136, 791.145	G-STE-007	6590 & 6595 & 6595 & 4396	6, 6, 4, 4	3	108	3, 2.5, 4	CRFK, N, CHSL-B	SGI, GCI, GCI
WD 113 a, WD 113 a, WD 213, WD 213 a, WD 213 a / c / f / g, WD 313 a, WD 413 t / u	80, 84, 86, 180, 180a, 180n, 2a, 280, 280a	G-STE-008	1130 & 2661 & 3991 & 5322	1, 1, 2, 2, 3, 4	4	110	3, 3, 3, 6, 6,	CR, CTF, N, BSOR, SOR	GCI, GCI, GCI, GCI
WD 815.60 / 61 / 63, / 70 / 71	1290, 1291, 1490, 1491, 1890	G-STE-009	11964	8	4	126	3.5, 3, 3, 5	CRFKIB, CTF, NTF, TPOR	SGI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
WD , 615.00 / 20 615.60 / 61 / 71, / 90, WD 15.65 / 66 / , 75 / 67 / 69 / 77 / , 79 / 91 / 93, 615.63, 615.64, 615.68 / 78, 615.46, Euro 2, 615.48, Euro 1, 815.62 / 64 / 74, 815.67	89, 1991, 1391, 991, 1291, 1491, 91, 991, 1491, 1891, 2891, 2591, 26S36 6x4, 19S32, 1291, 1491, 1891	G-STE-010	9726 & 11964	6, V8	126	126	3.5, 3, 4	CRFKIB, CTF, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
EA62' (1972)		G-S-01	1267	4	3	82	2, 2, 4	IBTF, IBTF, 3POR	GCI, GCI, S
(1976-1987)		G-S-02	1595	4	3	92	1.2, 1.5, 4	CR, IBTF, 3POR	S, GCI, S
1976-1981		G-S-03	1595	4	3	92	2, 2, 4	TF, TF, 3POR	GCI, GCI, S
(1980-1987)		G-S-04	1781	4	3	92	1.2, 1.5, 4	CR, IBTF, 3POR	S, GCI, S
1980-1981		G-S-05	1781	4	3	92	2, 2, 4	TF, TF, 3POR	GCI, GCI, S
(1983-1984)		G-S-06	1781	4	3	92	1.2, 1.5, 4	CR, IBTF, 3POR	S, GCI, S
EA82S' (1985-1992)		G-S-07	1781	4	3	92	1.2, 1.5, 4	CR, IBTF, 3POR	S, GCI, S
'EA82T' (1985-1990)		G-S-08	1781	4	3	92	1.2, 1.5, 4	CR, IBTF, 3POR	S, GCI, S
EJ22E' (1990-1996, 1999)		G-S-09	2212	4	3	97	1.2 , 1.5, 3	CR, RTFIB, 3POR	S, GCI, S

SUBARU TRUCK

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
(1978-1980)		G-ST-01	1595	4	3	92	2, 2, 4	TF, TF, 3POR	GCI, GCI, S
1981-1987), 'EA81' (1980)		G-ST-02	1781	4	3	92	1.2, 1.5, 4	CR, IBTF, 3POR	S, GCI, S
1980-1981		G-ST-03	1781	4	3	92	2, 2, 4	TF, TF, 3POR	GCI, GCI, S
(1983-1984)		G-ST-04	1781	4	3	92	1.2, 1.5, 4	CR, IBTF, 3POR	S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
LC50		G-SU-001	539	3	2	60	2.04, 2.04	CRHK, CR	SGI, SGI
LJ50 ST10	Carry, Cervo, Fronte, ST10, AL10	G-SU-002	539	3	2	61	1.18, 1.98	CRHK, CR	S, GCI
ST20		G-SU-003		3	2	61	1.18, 1.98	CRHK, CR	GCI, GCI
L30, L40		G-SU-004	360	2	3	61	2, 2, 2	CRHK, CR, CR	SGI, SGI, SGI
L61		G-SU-005	360	2	3	61	2.5, 2, 2	CRHK, CR, CR	GCI, GCI, GCI
F8A	Alut, Fronte, LJ80	G-SU-006	800	4	3	62	1.5, 1.5, 2.8	CR, C, TPOR	SGI, GCI, S
		G-SU-007		4	3	62	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S
F8A (New)	Y7A	G-SU-008	797		3	62	1.2, 1.2, 2.8	CR, C, TPOR	S, GCI, S
FGA	Alut, YA1, AA6PA, DJ51T, DL51V	G-SU-009	657	3	3	65	1.2, 1.2, 2.5	CR, C, TPOR	S, GCI, S
FGA	Alut Van, YA1, AA6PA, DJ51T, DL51V	G-SU-010	657	3	3	65	1.2, 1.5, 2.5	CR, C, TPOR	S, GCI, S
Y7AT7		G-SU-011		4	3	65	1.2, 1.5, 2.5	CR, C, TPOR	S, GCI, S
F10A	SJ410, Alut, Y80, Y84	G-SU-012	970	4	3	65.5	1.5, 1.5, 2.8	CR, C, TPOR	GCI, GCI, S
F10A	SS410	G-SU-013	970	4	3	65.5	1.5, 1.5, 2.8	CR, C, TPOR	SGI, GCI, S
F10A	Y80	G-SU-014	970	4	3	65.5	1.5, 1.5, 2.8	CR, C, TPOR	SGI, GCI, S
L60		G-SU-015	550	2	2	68	1.2, 2	CRHK, CR	GCI, GCI
F8B	Y64, SS80	G-SU-016	800	3	3	68.5	1.5, 1.5, 2.8	CR, C, TPOR	SGI, GCI, S
F8B		G-SU-017	800	3	3	68.5	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S
YE2, ZEN		G-SU-018	1000	4	3	72	1.2, 1.5, 2.8	CR, C, TPOR	S, GCI, S
G10	Y3FT, Caltus 1000	G-SU-019	993	4	3	74	1.2, 1.5, 2.8	CR, C, TPOR	S, GCI, S
G13A, G13B	Y2ASJ413, Y2A	G-SU-020	1300	4	3	74	1.2, 1.5, 2.8	CR, C, TPOR	S, GCI, S
G15A, G15B	Y0E-E	G-SU-021	1600	4	3	75	1.2, 1.5, 2.8	CR, C, TPOR	S, GCI, S
G15A, G16A	Y0E-E	G-SU-022	1600	4	3	75	1.2, 1.5, 2.8	CR, C, TPOR	S, GCI, S
G16B	YB1	G-SU-023	1600	4	3	75	1.2, 1.2, 2.5	CR, C, TPOR	S, GCI, S

SUZUKI TRUCK

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
G13BA' (1990-1995)		G-SUT-01	1298	4	3	74	1.2, 1.5, 2.8	CR, IBTF, 3POR	S, GCI, S
(1986-1989)		G-SUT-02	1325	4	3	74	1.2, 1.5, 2.8	CR, IBTF, 3POR	S, GCI, S
G16KC' (1989-1995)		G-SUT-03	1590	4	3	75	1.2, 1.5, 2.8	CR, IBTF, 3POR	S, GCI, S
G16KV' (1992-1998)		G-SUT-04	1590	4	3	75	1.2, 1.5, 2.8	CR, IBTF, 3POR	S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
XV 5	Samba	G-TAL-001	954	4	3	70	2, 2, 4	CRIB, CTF, DB-PSL	GCI, GCI, GCI
XW 7	Samba	G-TAL-002	1124	4	3	72	1.5, 2, 4	CRIB, CTF, TPOR	SGI / S, GCI, S
3 E 1, 350 / S / SA	1100, Fourgonette VF 1 / 2, 1006, Horizon, City Laster	G-TAL-003	1118	4	3	74	1.75, 2, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
XY 6 B	Samba	G-TAL-004	1361	4	3	75	1.75, 2, 4	CRIB, CTF, TPOR	SGI / S, GCI, S
1 G 4, 6 G 1, 6 G 4, 1294 CM3, 3 G 4, 366 / 3 G 2, 6 Y 2, 6 Y 2 D	Rallye 2, 1307, Alpine, Horizon, Solara, 1100, Ralye 3, 1100, Matra Bagheera, Rallye 1, 1308, 1508, Matra Rancho / Grand Raid / , Bagheera, Horizon, Solara, Alpine	G-TAL-005	1296 & 1442	4, 4, 4	3	76.7	1.75, 2, 4	CRIB, N, BPSL	SGI / S, GCI, GCI
	Simca 1309, 1510, Solara	G-TAL-006	1592	4	3	80.65	1.75, 2, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
XUD 9, 7 CV	Horizon, Solara	G-TAL-007	1905	4	3	83	2, 2, 3	CR, CTF, CHSL-B	SGI / S, GCI, GCI
9 L 6	Tagora SX	G-TAL-008	2664	6	3	88	1.5, 2, 4	CRIB, CTF, TPOR	SGI / S, GCI, S
9 U 8	Tagora	G-TAL-009	2304	4	3	94	3, 2, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
G16B	YB1	G-SU-023	1600	4	3	75	1.2, 1.2, 2.5	CR, C, TPOR	S, GCI, S

TATA / TATRA / THERMO KING REEFER.

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
TATA									
697 TC		G-T-01	5675	6	3	97	2.5, 2.51, 4	CRFK, CRTFIB, CHSL-B	SGI, GCI, S
TATRA									
T3-928, T3-929, T3-930	Tatra 815	G-TAT-001	12660 & 15825 & 18990		3	120	3.5, 3, 5	CRFK, CTF, CHSL-B	SGI, GCI, GCI
924A, 926, 928, 930, 2-928-1	137, 138, 148	G-TAT-002	5876 & 8814 & 11762 & 17628 & 12667	4, 6, V8, V12, V8	4	120	3.5, 3.5, 3.5, 6	CRIB, CTF, NTF, BPSL	SGI, GCI, GCI, GCI
THERMO KING REEFER.									
	OM636 Mercedes Benz	G-TKR-01	1769	4	4	75	5 / 64", 5 / 64", 5 / 64", 5	CR, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
	Isuzu	G-TKR-02	1991	4	5	82.8	2, 2, 2, 5, 5	CR, IBTF, CRTFIB, CHSL-B, SOR	GCI, GCI, GCI, S, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
IE-L	Starlet	G-TO-001	1000	4	3	70.5	1.5, 1.5, 3	CR, C, TPOR	S, GCI, S
2K	Publica, PK30, 36, 36V, 40, 95	G-TO-002	993	4	3	72	2, 2, 4	CR, C, TPOR	GCI, GCI, S
2E, 3E	Corolla, R-EE106V	G-TO-003	1300	4	3	73	1.5, 1.5, 3	CR, C, TPOR	S, GCI, S
4E-FE	Corolla	G-TO-004	1331	4	3	74	1.2, 1.2, 3	CR, C, TPOR	S, GCI, S
5E	Starlet	G-TO-005	1300	4	3	74	1.2, 1.2, 3	CR, C, TPOR	S, GCI, S
K, 3K	Corolla 1200, Corolla	G-TO-006	1077 & 1166	4	3	75	2, 2, 4	CR, C, TPOR	GCI, GCI, S
M, 2M	Crown 2000, MS41, MS50, MS52MS56, MS46	G-TO-007	1988	6	3	75	2, 2, 4	CR, C, TPOR	SGI, GCI, S
4K New	Corolla, Sprinter, Starlet	G-TO-008	1290	4	3	75	1.5, 1.5, 4	CR, C, TPOR	SGI, GCI, S
4K-C	Publica 1000, KE10, Starlet 1200, Sprinter 1200, Corolla 1200	G-TO-009	1290	4	3	75	2, 2, 4	CR, C, TPOR	GCI, GCI, S
1G	Soarer, Crown, Mark II, Chaser, Cresta	G-TO-010	1988	6	3	75	1.5, 1.5, 4	CR, C, TPOR	SGI, GCI, S
1G-G	Soarer, Crown, Mark II	G-TO-011	1988	6	3	75	1.2, 1.5, 2	CR, C, TPOR	S, GCI, S
2A	Tercel, Corsa	G-TO-012	1295	4	3	76	2, 2, 4	CR, C, TPOR	GCI, GCI, S
3P, 4P	Hi-Ace, PH10, PH10-B, PH10-D, PH10-V, PH10P, PH10SV, Corona Van, PT47V, PT47V-F, Toyoace, PK32, PK32-B	G-TO-013	1345	4	3	76.6	2, 2, 4	CR, C, TPOR	GCI, GCI, S
R	Crown, RS20, RA21, Corona, PT20, RS26, RS26P, RS26V, Dyna, RK85, RK95	G-TO-014	1453	4	3	77	2.5, 2.5, 4, 4	CR, C, TPOR, SOR	GCI, GCI, S, SGI
1A, 3A	Stout, RK45, RK35, Toyoace, RK40	G-TO-015	1452	4	3	77.5	1.5, 1.5, 2.8	CR, C, TPOR	SGI, GCI, S
1A, 3A		G-TO-016	1452	4	3	77.5	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
2R	Corona, RT40, RT50, PT56, RT46V, Bus, RH15B, Stout, RK43, RK47, RK47P, RK47V, Toyoace, PK41, PK41P, PK41V, Hi-Lux, RN10, R10D	G-TO-017	1490	4	3	78	2, 2.5, 4	CR, C, TPOR	GCI, GCI, S
5A-F	Corolla	G-TO-018	1498	4	3	78.7	1.5, 1.5, 3	CR, C, TPOR	S, GCI, S
5A-F	Corolla	G-TO-019	1498	4	3	78.7	1.2, 1.5, 3	CR, C, TPOR	S, GCI, S
8A-FE	13011-15130	G-TO-020		4	3	78.7	1.2, 1.5, 3	CR, C, TPOR	S, GCI, S
1ZZ	Corolla	G-TO-021	1800	4	3	79	1.2, 1.2, 3	CR, C, TPOR	S, GCI, S
T	Corolla 1400, Carina 1400, Celica	G-TO-022	1407	4	3	80	2, 2, 4	CR, C, TPOR	GCI, SGI, S
T-U	Corolla, Starlet	G-TO-023	1407	4	3	80	1.5, 2, 4	CR, C, TPOR	GCI, GCI, S
4M	Crown 2600, MS65, 75, 83, 85, 95	G-TO-024	2563	6	3	80	2, 2, 4	CR, C, TPOR	GCI, GCI, SGI
12R	Corona, Hi-Luxe, Hi-Van, Corona-Van, Toyoace	G-TO-025	1587	4	3	80.5	2, 2, 4	CR, C, TPOR	GCI, GCI, S
12R	Corona, Hi-Luxe, Hi-Van, Corona-Van, Toyoace	G-TO-026	1587	4	3	80.5	2, 2, 4	CR, C, TPOR	SGI, GCI, S
1SL, 1S-U	Corona, Corolla	G-TO-027	1832	4	3	80.5	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
5K	Camry, Carina	G-TO-028	1486	4	3	80.5	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
7K	Camry, Carina	G-TO-029	1486	4	3	80.5	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
7AF2	Corolla	G-TO-030	1800	4	3	81	1.2, 1.5, 3	CR, C, TPOR	S, GCI, S
7AF	Corolla	G-TO-031	1800	4	3	81	1.2, 1.5, 3	CR, C, TPOR	S, GCI, S
7AF	Corolla	G-TO-032	1800	4	3	81	1.2, 1.5, 3	CR, C, TPOR	S, GCI, S
4A	Corolla, Sprinter	G-TO-033	1587	4	3	81	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S
4A	Corolla, AT190, AE101	G-TO-034	1587	4	3	81	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S
4AG		G-TO-035	1587	4	3	81	1.2, 1.5, 2.8	CR, C, TPOR	S, GCI, S
4AG	Corolla, AT190, AE101	G-TO-036	1600	4	3	81	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
4AGZ		G-TO-037	1587	4	3	81	1.2, 1.5, 2.8	CR, C, TPOR	S, GCI, S
4AGEU	Corolla, AT190, AE101	G-TO-038	1600	4	3	81	1.5, 1.5, 2.8	CR, C, TPOR	S, GCI, S
4A-F	Corolla, AT190, AE101	G-TO-039	1600	4	3	81	1.5, 1.5, 3	CR, C, TPOR	S, GCI, S
4A-F	Corolla, AT190, AE101	G-TO-040	1600	4	3	81	1.2, 1.5, 3	CR, C, TPOR	S, GCI, S
4S		G-TO-041	1838	4	3	82.5	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
2U	Mini-Ace, UP100, 100V	G-TO-042	790	2	3	83	2, 2, 4	CR, C, TPOR	GCI, GCI, S
5M	Crown 2800, MS112, Celica 2800, MA 56	G-TO-043	2759	6	3	83	2, 2, 4	CR, C, TPOR	GCI, GCI, S
5MGE	Crown, Soarer, Celica	G-TO-044	2759	6	3	83	1.5, 1.5, 4	CR, C, TPOR	GCI, SGI, S
5MEU	Celica XX2800, 13011-43030	G-TO-045	2759	6	3	83	2, 2, 4	CR, C, TPOR	S, GCI, S
7MGE, 7M-GTE	Soarer	G-TO-046	2954	6	3	83	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
21R	Corona 2000	G-TO-047	1972	4	3	84	2, 2, 4	CR, C, TPOR	GCI, GCI, S
21R-C	Corona 2000, RT 133, Mark II, Chaser RX41, Celica, RA 45, Camry, RA 56	G-TO-048	1972	4	3	84	1.5, 2, 4	CR, C, TPOR	S, GCI, S
21R-C	Mark II / Cressida	G-TO-049	1972	4	3	84	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
2S	Camry, SV11	G-TO-050	2000	4	3	84	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
2T, 3T	Corona, A-TT10D, 11D, Carolla, ATE41, 21, 27, 47, A-TE31, 37, 41, 47, H-TT106V, TT106V, Carina, TA19V, Celica, TA22, 27, A-TA23, 28	G-TO-051	1588	4	3	85	2, 2, 4	CR, C, TPOR	GCI, GCI, S
2TU, 3TU	Carina, Camry, Celica	G-TO-052	1588	4	3	85	1.5, 1.5, 4	CR, C, TPOR	SGI, GCI, S
6R, 7R, 8R	Corona, RT61, 71, 77, 84, 94, RX10, 20, 26, RX16V, RT88V, RT60, 70, 76, Corona -Mark II, RT62K, 72K, 72H, 72S, 62H	G-TO-053	1707 & 1591 & 1858	4	3	86	2, 2.5, 4	CR, C, TPOR	GCI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
1Y, 2Y, 3Y	Hi-Lux, Town Ace	G-TO-054	1600 & 2000	4	3	86	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
1Y, 2Y, 3Y	Hi-Lux, Town Ace	G-TO-055	1600 & 2000	4	3	86	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
1RZ	Hi-Ace, RZH 102V	G-TO-056	1998	4	3	86	1.75, 1.5, 4	CR, C, TPOR	S, GCI, S
1RZ	Hi-Ace, RZH 102V	G-TO-057	1998	4	3	86	1.75, 1.5, 4	CR, C, TPOR	S, GCI, S
1JZ	Mark II	G-TO-058	2500	6	3	86	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
2JZ	Crown, Aristo, Supra	G-TO-059	3000	6	3	86	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
2JZ-FE		G-TO-060	2400	6	3	86	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
3S-F, 3S-FE	Corona, SV35, 32, ST-182, ST-185	G-TO-061	1998	4	3	86	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
5S-FE	13011-74370	G-TO-062		4	3	87	1.2, 1.2, 3	CR, C, TPOR	S, GCI, S
5S	Camry	G-TO-063	2200	4	3	87	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
1MZ	Abaron	G-TO-064	2994	6	3	87.5	1.2, 1.2, 3	CR, C, TPOR	S, GCI, S
2MZ	Windom	G-TO-065	2500	6	3	87.5	1.2, 1.2, 3	CR, C, TPOR	S, GCI, S
1UZ	Celcio, Lexas	G-TO-066	4000	8	3	87.5	1.2, 1.2, 3	CR, C, TPOR	S, GCI, S
1UZ-FE	Celcio	G-TO-067	4000	8	3	87.5	1.5, 1.5, 3	CR, C, TPOR	S, GCI, S
3VZ	Hi-Lux, VCV10	G-TO-068	2958	6	3	87.5	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
3VZ	Hi-Lux, VCV10	G-TO-069	2958	6	3	87.5	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
3R	Crown, RS30, 31, 40, 41, 46G	G-TO-070	1877	4	3	88	2.5, 2.5, 5	CR, C, TPOR	GCI, GCI, S
5R	Crown, Stout, RS50, RS50B, RK171, RK171V-B	G-TO-071	1994	4	3	88	2, 2.5, 4	CR, C, TPOR	GCI, GCI, S
16R, 18R	Corona Mark-II	G-TO-072	1800 & 1968	4	3	88.5	2, 2.5, 4	CR, C, TPOR	GCI, GCI, S
F	Truck, FA80, FA80D	G-TO-073	3878	6	4	90	3, 3, 4, 4	CR, C, TPOR, SOR	GCI, GCI, S, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
F(new)	Truck, FA80, FA80D, FA90, FC80, FA90D, FA100, FA110, FJ40, 2FQ10, FJ43	G-TO-074	3878	6	4	90	2, 2.5, 4, 4	CR, C, TPOR, SOR	GCI, GCI, S, GCI
4Y	For Leaded	G-TO-075	2200	4	3	91	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
22R	Coaster	G-TO-076	2366	4	3	92	2, 2.5, 4	CR, C, TPOR	GCI, GCI, S
22R-2	Cressida	G-TO-077	2400	4	3	92	1.5, 1.5, 4	CR, C, TPOR	GCI, GCI, S
5VZ	Hi-Lux	G-TO-078	3378	6	3	93.5	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
2F	Truck, FJ55, FA101, FC22D	G-TO-079	4230	6	3	94	2, 2.5, 4	CR, C, TPOR	GCI, GCI, S
3F	Land Cruiser	G-TO-080	4000	6	3	94	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
3F	Land Cruiser	G-TO-081	4000	6	3	94	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
3F(New)	Land Cruiser	G-TO-082	4000	6	3	94	2, 2, 4	CR, C, TPOR	S, GCI, S
2TZ-FE		G-TO-083	2400	4	3	95	1.75, 1.5, 4	CR, C, TPOR	S, GCI, S
2RZ	Hi-Ace, RZH101G	G-TO-084	2438	4	3	95	1.75, 1.5, 4	CR, C, TPOR	S, GCI, S
2RZ-FE	Hi-Ace, RZH101G	G-TO-085	2438	4	3	95	1.5, 1.5, 4	CR, C, TPOR	S, GCI, S
3RZ-FE	Hi-Lucex, Granbia, Dyna	G-TO-086	2693	4	3	95	1.75, 1.5, 4	CR, C, TPOR	S, GCI, S
1FZ	Land Cruiser, FZJ80G	G-TO-087	4476	6	3	100	1.75, 2, 4	CR, C, TPOR	S, GCI, S
1FZ	Land Cruiser, FZJ80G	G-TO-088	4476	6	3	100	2, 2, 4	CR, C, TPOR	S, GCI, S
IN-T	Starlet	G-TO-089	1500	4	3	74	1.5, 1.5, 3	CRHK, C, TPOR	S, GCI, S
1C, 1CL	Corona, Carina, Carolla, Sprinter	G-TO-090	1839	4	3	83	2, 2, 4	CRHK, C, CHSL-B	SGI, GCI, GCI
1C	Corona, Carina, Carolla	G-TO-091	1839	4	3	83	2, 2, 3	CRHK, C, TPOR	S, GCI, S
2C	Carolla, Master Ace, CE100, CT141, CV30, CHR11G	G-TO-092	1974	4	3	86	1.75, 2, 3	CRHK, CR, STOR	S, GCI, S
2C	Carolla, Master Ace, CE100, CT141, CV30, CH11G	G-TO-093	1974	4	3	86	2, 2, 4	CRHK, C, CHSL-B	S, GCI.SGI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
2C(New)	Carolla, Master Ace, CE100, CT141, CV30, CHR11G	G-TO-094	1974	4	3	86	2, 2, 3	CRHK, CR, STOR	S, GCI, S
2C	Carina, Tamaraw FX	G-TO-095	2000	4	3	86	2, 2, 3	CRHK, CR, STOR	S, GCI, S
1DZ, 3C-T	Estima, Lucina, Emina, CXR11G	G-TO-096	2184	4	3	86	2, 2, 4	CRHK, CR, STOR	S, GCI, S
2VZ-FE		G-TO-097		6	3	87.5	1.5, 1.5, 3	CR, C, TPOR	S, GCI, S
2J (New)	Dyna	G-TO-098	2481	4	4	88	2.5, 2.5, 2.5, 4	CRFK, C, N, CHSL-B	GCI, GCI, GCI, GCI,
2J (New,	Dyna	G-TO-099	2481	4	3	88	2.5, 2.5, 4	CRHK, C, CHSL-B	SGI, GCI, GCI
H	Dyna, H-Mobit	G-TO-100	3576	6	5	88	2.5, 2.5, 2.5, 4, 4	CR, C, N, CHSL-B, SOR	GCI, GCI, GCI, GCI, GCI
H(New)	Dyna	G-TO-101	3576	6	4	88	2.5, 2.5, 2.5, 4	CRHK, C, N, CHSL-B	SGI, GCI, GCI, GCI,
H(New),	Dyna	G-TO-102	3576	6	3	88	2.5, 2.5, 4	CRHK, C, CHSL-B	SGI, GCI, GCI
2OR	Coaster	G-TO-103	2189	4	4	88.5	2, 2.5, 4, 4	CR, C, CHSL-B, SOR	GCI, GCI, GCI, GCI,
L	Crown, Chaser, Mark II, Hi-Ace Wagon, Brizard, Coaster, Toyoace, Hi-Luxe, Quick Delivery	G-TO-104	2188	4	3	90	2.5, 2, 4	CR, C, CHSL-B	SGI, GCI, GCI
L (New)	Crown, Chaser, Mark II, Hi-Ace, Brizzard, Coaster, Toyoace, Hi-Luxe, Quick Delivery	G-TO-105	2188	4	3	90	2, 2, 4	CRHK, C, CHSL-B	SGI, GCI, GCI
2L	Toyoace, Hi-Luxe, Brizzard, LS130V, LX80, LJ71G, LX90, LX130	G-TO-106	2400	4	3	90	2, 2, 4	CRHK, C, CHSL-B	SGI, GCI, GCI
2H	Land Cruiser, Coaster	G-TO-107	3980	6	3	91	2.52, 2.52, 4	CRHK, C, CHSL-B	SGI, GCI, GCI
12H-T	Bus, Coaster	G-TO-108	3980	6	3	91	2.5, 2.5, 4	CRHK, C, CHSL-B	S, GCI, GCI
DR100, DQ100	Truck	G-TO-109	4507	6	5	92	2.5, 2.5, 2.5, 4, 4	CR, C, N, CHSL-B, SOR	GCI, GCI, SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
2L-T, 2L-TE	Crown, Chaser, Corona Mark II	G-TO-110	2446	4	3	92	2, 2, 4	CR, C, CHSL-B	S, GCI, GCI
1H, 1HZ	Land Crusier, HZJ18V, HDJ81V	G-TO-111	3576	6	3	94	2, 2, 4	CRHK, C, CHSL-B	S, GCI, GCI
B	Dyna, Bu10, 12, 15, 20, 30	G-TO-112	2977	4	4	95	2.5, 2.5, 2.5, 4.5	CR, C, N, CHSL-B	GCI, GCI, GCI, GCI,
B(New)	Dyna	G-TO-113	2977	4	4	95	2.5, 2.5, 2.5, 4.5	CR, C, CHSL-B, SOR	SGI, GCI, GCI, GCI,
B(New),	Dyna, Toyoace	G-TO-114	2977	4	3	95	2.5, 2.5, 4.5	CRHK, C, CHSL-B	S, GCI, GCI
10B, 11B, B(New,		G-TO-115	2977	4	3	95	2.5, 2, 4	CRHK, C, CHSL-B	SGI, GCI, GCI
11B	Dyna, Toyoace	G-TO-116	2977	4	3	95	2.5, 2, 4	CRHK, CR, STOR	S, GCI, S
11B	Dyna, Toyoace	G-TO-117	2977	4	3	95	2.5, 2.5, 4.5	CR, C, CHSL-B	S, GCI, SGI
1Z	Dyna	G-TO-118	2977	4	3	96	2, 2, 4	CR, C, CHSL-B	S, GCI, GCI
3L	Toyoace, Hi-Luxe, Hi-Ace Van, LY 51	G-TO-119	2779	4	3	96	2, 2, 4	CRHK, C, CHSL-B	S, GCI, GCI
2B	Land Cruiser	G-TO-120	3186	4	3	98	2.526, 2.5, 4.5	CRHK, C, CHSL-B	S, GCI, S
5L	Hi-Ace	G-TO-121	3000	4	3	99.5	2, 1.5, 4.4	CR, CR, STOR	S, GCI, S
D	DA100, DA100D, DC80C	G-TO-122	5890	6	5	100	3, 3, 3, 4, 4	CR, C, N, CHSL-B, SOR	GCI, GCI, SGI, GCI, GCI
1D		G-TO-123	5890	6	5	100	3, 3, 3, 4, 4	CR, C, N, CHSL-B, SOR	GCI, GCI, SGI, GCI, GCI
3B	Land Cruiser, Dyna Coaster	G-TO-124	3431	4	3	102	2.55, 2.5, 4.5	CRHK, C, CHSL-B	SGI, GCI, GCI
13B	Dyna Coaster	G-TO-125	3400	4	3	102	2.5, 2.5, 4.5	CR, C, CHSL-B	SGI, GCI, GCI
13BT	Toyoace Bus, Dyna BUS	G-TO-126	3431	4	3	102	2.5, 2.5, 4.5	CRHK, C, CHSL-B	SGI, GCI, SGI
3BK	Dyna Coaster, Land Cruiser BJ60, DAIHATSU Delta, HINO Ranger HV48	G-TO-127	3431	4	3	102	2.54, 2.5, 4.5	CRFK, C, CHSL-B	SGI, GCI, SGI
13B(New)	Dyna Coaster	G-TO-128	3400 & 3700	4	3	102	2.5, 2, 4	CRHK, C, CHSL-B	S, GCI, SGI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
13B(New)	Dyna Coaster	G-TO-129			3	102	2.5, 2, 4	CRHK, C, CHSL-B	SGI, GCI, SGI
14BT	Dyna Coaster	G-TO-130	3660	4	3	102	3, 2, 4	CRHK, CR, STOR	S, GCI, S
14E	Dyna Coaster	G-TO-131	3660	4	3	102	2.5, 2, 4	CRHK, CR, STOR	S, GCI, S
2D	DA90, DB90, DA90D, DB92, DA95, DB102, DA110, DR11, DA115D, DB100C	G-TO-132	6494	6	5	105	3, 3, 3, 5, 5	CR, C, N, CHSL-B, SOR	SGI, GCI, GCI, GCI, GCI
2D	DA90, DB90, DA90D, DB92, DA95, DB102, DA110, DR11, DA115D, DB100C	G-TO-133	6494	6	4	105	3, 3, 3, 5	CR, C, N, CHSL-B	GCI, GCI, GCI, GCI
2D (New)	Truck	G-TO-134	6494	6	4	105	3, 2.5, 2.5, 5	CRHK, C, N, CHSL-B	SGI, GCI, GCI, GCI

TOYOTA FORKLIFT & INDUSTRIAL

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
TOYOTA	Forklift; 5R OHV;	G-TFI-01	1994	4	3	88	2, 2, 4	CR, IBTF, 3POR	GCI, GCI, S
TOYOTA	2J,	G-TFI-02	2481	4	4	88	2.5, 2, 2, 5 / 32"	RKO-10U, IBTF, IBTF, CHSL-B	GCI, GCI, GCI, GCI

TOYOTA TRUCK

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
18RC' (1972-1974)		G-TT-01	1968	4	3	88.5	2, 2.5, 4	IBTF, IBTF, 3POR	GCI, GCI, S
3SFE' (1998-2000)		G-TT-02	1998	4	3	86	1.2, 1.2, 3	CR, IBTF, 3POR	S, GCI, S
3YEC' (1984-1985)		G-TT-03	1998	4	3	86	1.5, 1.5, 4	IBTF, IBTF, 3POR	GCI, GCI, S
'20R' (1975-1980)		G-TT-04	2189	4	3	88.5	2, 2.5, 4	IBTF, IBTF, 3POR	GCI, GCI, S
4YEC' (1986-1989)		G-TT-05	2237	4	3	91	1.5, 1.5, 4	IBTF, IBTF, 3POR	GCI, GCI, S
22R' (1981-1990), '22RE' (1989-1995), '22REC' (1984-1989)		G-TT-06	2366	4	3	92	1.5, 1.5, 4	IBTF, IBTF, 3POR	GCI, GCI, S
1981-1984		G-TT-07	2366	4	3	92	2, 2.5, 4	IBTF, IBTF, 3POR	GCI, GCI, S
22RTEC' (1985-1988)		G-TT-08	2366	4	3	92	1.5, 1.5, 4	IBTF, IBTF, 3POR	GCI, GCI, S
2RZFE' (1995-2004), '2TZFE' (1991-1995)		G-TT-09	2438	4	3	95	1.5, 1.5, 4	CR, IBTF, 3POR	S, GCI, S
1991-1996		G-TT-10	2438	4	3	95	1.75, 1.5, 4	CR, IBTF, 3POR	SGI, GCI, S
3RZFE' (1994-2004)		G-TT-11	2694	4	3	95	1.5, 1.5, 4	CR, IBTF, 3POR	S, GCI, S
3VZE' (1988-1995)		G-TT-12	2959	6	3	87.5	1.5, 1.5, 4	IBTF, IBTF, 3POR	GCI, GCI, S
1MZFE' (1998-2003)		G-TT-13	2995	6	3	87.5	1.2, 1.2, 3	CR, N, 3POR	S, GCI, S
1998-1999		G-TT-14	2995	6	3	87.5	1.2, 1.2, 3	CR, N, 3POR	S, GCI, S
5VZFE' (1995-2004)		G-TT-15	3378	6	3	93.5	1.5, 1.5, 4	CRIB, RTFIB, 3POR	SGI, GCI, S
3FE' (1988-1992)		G-TT-16	3956	6	3	94	2, 2, 4	CR, IBTF, 3POR	S, GCI, S
'2F' (1975-1987)		G-TT-17	4227	6	3	94	2, 2.5, 4	CR, IBTF, 3POR	S, GCI, S
1FZFE' (1993-1997)		G-TT-18	4447	6	3	100	1.75, 2, 4	CR, IBTF, 3POR	SGI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
(1968-1972)		G-T-01	1296	4	3	73.7	1 / 16", 1 / 16", 5 / 32"	IBTF, IBTF, 3POR	GCI, GCI, S
FP' (1975-1979), 'W' (1980)		G-T-02	1493	4	3	73.7	1 / 16", 1 / 16", 5 / 32"	IBTF, IBTF, 3POR	GCI, GCI, S
CF' (1968-1976)		G-T-03	2498	6	3	74.7	1 / 16", 1 / 16", 5 / 32"	IBTF, IBTF, 3POR	GCI, GCI, S
(1980-1981)		G-T-04	3528	8	3	88.9	1 / 16", 1 / 16", 3 / 16"	CRIB, IBTF, 3POR	SGI, GCI, S

URSUS / UTB

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
URSUS									
Z8701.1	1222, 1224	G-URS-001	6800	6	4	110	3, 3, 3, 6	CR, CTF, N, CHSL-B	GCI, GCI, GCI, GCI
Z8401.1, Z8002.1 Turbo, Z8602.1 Turbo	1012, 1014, 1614, 912, 914	G-URS-002	4600 & 6800	4, 6	3	110	3, 3, 6	CRFK, CTF, CHSL-B	SGI, GCI, GCI
UTB									
45 CV	U 445 / A / B	G-UTB-001	2340	3	3	95	2.5, 2.5, 5.5	CRIB, CTFIB, CHSL-B	GCI, GCI, GCI
D 110	U 50, U 500, U 650 M, U 651 M	G-UTB-002	4760	4	5	108	3, 3, 3, 6, 6	CR, C, C, PSL, SOR	GCI, GCI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
Y 13 DT, Z 13 DT Euro 4, Z 13 DT Euro 4	Agila 1.3 CDTI 16V, Astra Mk V 1.3 CDTi 16V, Combo 1.3 CDTI 16V, Corsa C 1.3 CDTI 16V, Corsa D 1.3 CDTi 16V, Meriva 1.3 CDTI 16V, Meriva 1.3 CDTI 16V, Tigra B 1.3 CDTI 16V, Zafira Mk II 1.3 CDTI 16V	G-V-01	1248	4, 4, 4	3	69.6	2, 1.5, 2	CRR, CTF, CHSL-B	SGI, GCI, SGI
10 S	Nova 1.0	G-V-02	993	4	3	72	2, 2, 5	CRR, CTF, CHSL-B	GCI, GCI, GCI
C 12 NZ, X 12 SZ, 12 NZ	Combo 1.2i, Corsa B 1.2i	G-V-03	1196 & 1195	4, 4, 4	3	72	1.5, 1.5, 3	CRR, CTF, 3POR	SGI, GCI, GCI
X 10 XE, X 12 XE, Z 10 XE, Z 12 XE	Agila 1.0i 12V, Agila 1.2i 16V, Astra Mk IV 1.2i 16V, Astra Mk IV 1.2i 16V, Corsa B 1.0i 12V, Corsa B 1.2i 16V, Corsa C 1.0i 12V, Corsa C 1.2i 16V,	G-V-04	973 & 1199	3, 4	3	72.5	1.2, 1.5, 2	CRR, CTF, 3POR	S, GCI, GCI
X 10 XE, X 12 XE, Z 10 XE, Z 12 XE	Agila 1.0i 12V, Agila 1.2i 16V, Astra Mk IV 1.2i 16V, Astra Mk IV 1.2i 16V, Corsa B 1.0i 12V, Corsa B 1.2i 16V, Corsa C 1.0i 12V, Corsa C 1.2i 16V,	G-V-05	973 & 1199	3, 4	3	72.5	1.2, 1.5, 2	CRR, CTF, 3POR	S, GCI, GCI
Z 10 XEP, Z 12 XEP, Z 14 XEP	Agila 1.0i 12V, Agila 1.2i 16V, Astra Mk V 1.2i 16V, Astra Mk V 1.4i 16V, Combo 1.4i 16V, Corsa C 1.0i 12V, Corsa C 1.2i 16V, Corsa C 1.4i 16V, Corsa D 1.2i 16V, Corsa D 1.4i 16V, Meriva 1.4i 16V	G-V-06	998 & 1229 & 1364	3, 4	3	73.4	1.2, 1.2, 2	CRR, NTF, 3POR	S, GCI, GCI
13 NB, 13 NB, 13 S	Astra Mk I 1.3, Cavalier II 1.3, Chevette 1.3, Nova 1.3, Nova 1.3i	G-V-07	1297	4	3	75	1.5, 1.5, 4	CRR, CTF, 3POR	SGI, GCI, GCI
13 NB, 13 NB, 13 S	Astra Mk I 1.3, Cavalier II 1.3, Chevette 1.3, Nova 1.3, Nova 1.3i	G-V-08	1297	4	3	75	1.75, 2, 4	CRR, N, 3POR	SGI, GCI, GCI
C 13 N, 13 SB	Astra Mk II 1.3i, Nova 1.3, Nova 1.3i	G-V-09	1297	4	3	75	1.5, 1.5, 4	CRR, CTF, 3POR	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
C 14 NZ, C 14 SE, X 14 XE, 14 NV	Astra Mk II 1.4, Astra Mk II 1.4i, Astra Mk III 1.4, Astra Mk III 1.4i, Astra Mk III 1.4i, Belmont 1.4, Belmont 1.4i, Cavalier III 1.4, Combo 1.4i, Corsa B 1.4i, Corsa B 1.4i 16V, Nova 1.4, Nova 1.4i, Tigra 1.4i 16V	G-V-10	1389	4	3	77.6	1.5, 1.5, 3	CRR, CTF, 3POR	SGI, GCI, GCI
12 ST	Nova 1.2	G-V-11	1196	4	3	77.8	1.75, 2, 4	CRR, NTF, 3POR	SGI, GCI, GCI
E 12 GV, 12 NC, 12 S OHC, 12 S OHV, 12 SC	Astra Mk I 1.2, Astra Mk I 1.2, Astra Mk II 1.2, Belmont 1.2, Nova 1.2, Nova 1.2i	G-V-12	1196	4	3	79	2, 2, 5	CRRIB, CTF, 3POR	GCI, GCI, GCI
C 16 LZ2, C 16 NZ, C 16 SE, E 16 NZ, E 16 SE, X 16 SZ, X 16 SZR, 16 NZR, 16 SV	Astra Mk II 1.6, Astra Mk II 1.6i, Astra Mk III 1.6i, Astra Mk IV 1.6i, Belmont 1.6, Cavalier II 1.6, Cavalier II 1.6i, Cavalier III 1.6i, Nova 1.6i, Vectra B 1.6i	G-V-13	1598	4	3	79	1.2, 1.5, 3	CRR, NTF, 3POR	SGI, GCI, GCI
C 16 LZ2, C 16 NZ, C 16 SE, E 16 NZ, E 16 SE, X 16 SZ, X 16 SZR, 16 NZR, 16 SV	Astra Mk II 1.6, Astra Mk II 1.6i, Astra Mk III 1.6i, Astra Mk IV 1.6i, Belmont 1.6, Cavalier II 1.6, Cavalier II 1.6i, Cavalier III 1.6i, Nova 1.6i, Vectra B 1.6i	G-V-14	1598	4	3	79	1.2, 1.5, 3	CRR, NTF, 3POR	SGI, GCI, GCI
X 16 XE, X 16 XEL	Astra Mk III 1.6i 16V, Astra Mk IV 1.6i 16V, Corsa B 1.6i 16V, Tigra 1.6i 16V, Vectra B 1.6i 16V, Zafira MK I 1.6i 16V	G-V-15	1598	4	3	79	1.2, 1.5, 3	CRR, NTF, 3POR	SGI, GCI, GCI
X 16 XE, X 16 XEL	Astra Mk III 1.6i 16V, Astra Mk IV 1.6i 16V, Corsa B 1.6i 16V, Tigra 1.6i 16V, Vectra B 1.6i 16V, Zafira MK I 1.6i 16V	G-V-16	1598	4	3	79	1.2, 1.5, 2.5	CRR, NTF, 3POR	SGI, GCI, GCI
Y 16 XE, Z 16 SE, Z 16 XE	Astra Mk IV 1.6i, Astra Mk IV 1.6i 16V, Corsa C 1.6i, Meriva 1.6i, Meriva 1.6i 16V, Vectra B 1.6i 16V, Vectra B 1.6i 16V	G-V-17	1598	4	3	79	1.2, 1.5, 2.5	CRR, NTF, 3POR	S, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
Z 16 XEP	Astra Mk IV 1.6i 16V, Astra Mk V 1.6i 16V, Meriva 1.6i 16V, Vectra C 1.6i 16V, fira Mk II 1.6i 16V	G-V-18	1598	4	3	79	1.2, 1.2, 2	CRR, NTF, 3POR	S, GCI, GCI
Y 17 DT, Y 17 DTL, Z 17 DTH, Z 17 DTL	Astra Mk IV 1.7 DTI 16V, Astra Mk IV 1.7 CDTI, Astra Mk V 1.7 CDTI 16V, Astra Mk V 1.7 CDTI 16V, Combo 1.7 DI 16V, Combo 1.7 DTI 16V, Combo 1.7 CDTI 16V, Corsa C 1.7 DI 16V, Corsa C 1.7 DTI 16V, Corsa C 1.7 CDTI 16V, Meriva 1.7 DTI 16V, Meriva 1.7 CDTI 16V, Meriva 1.7 DI 16V	G-V-19	1686	4	3	79	2, 1.5, 3	CRR, CTF, CHSL-B	SGI, GCI, S
16 S, 16 SH	Astra Mk I 1.6, Astra Mk I 1.6 D, Cavalier II 1.6	G-V-20	1598	4	3	80	1.5, 1.75, 4	CRR, CTFIS, 3POR	SGI, GCI, GCI
16 D, 16 DA	Astra Mk I 1.6 D, Astra Mk II 1.6 D, Belmont 1.6 D, Cavalier II 1.6 D	G-V-21	1598	4	3	80	2, 2, 3	CRR, CTF, CHSL-B	SGI, GCI, GCI
X 25 TD	Omega B 2.5 TD	G-V-22	2498	6	3	80	3, 1.75, 3	CRFK, CTFIS, CHSL-B	SGI, GCI, GCI
F8Q 606	Arena 1.9 D	G-V-23	1870	4	3	80	2, 2, 3	CRR, CTFIS, CHSL-B	SGI, GCI, GCI
X 18 XE1, Z 18 XE, Z 18 XEL, Z 18 XER	Astra Mk IV 1.8i 16V, Astra Mk V 1.8i 16V, Corsa C 1.8i 16V, Meriva 1.8i 16V, Signum 1.8i 16V, Tigra B 1.8i 16V, Vectra B 1.8i 16V, Vectra B 1.8i 16V, Vectra C 1.8i 16V, Zafira Mk I 1.8i 16V, Zafira Mk II 1.8i 16V	G-V-24	1796	4	3	80.5	1.2, 1.2, 2	CRR, CTF, 3POR	S, GCI, GCI
C 18 XE, C 18 XEL, C 25 LET, C 25 NE, X 18 XE, X 25 XE	Astra Mk III 1.8i 16V, Calibra 2.5i 24V, Calibra 2.5i 24V, Calibra 2.5i 24V, Omega B 2.5i 24V, Vectra B 1.8i 16V, Vectra B 2.5i 24V	G-V-25	1796 & 2498	4, 6	3	81.6	1.5, 1.5, 3	CRRIB, NTF, 3POR	S, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
C 18 XE, C 18 XEL, C 25 LET, C 25 NE, X 18 XE, X 25 XE	Astra Mk III 1.8i 16V, Calibra 2.5i 24V, Calibra 2.5i 24V, Calibra 2.5i 24V, Omega B 2.5i 24V, Vectra B 1.8i 16V, Vectra B 2.5i 24V	G-V-26	1796 & 2498	4, 6	3	81.6	1.5, 1.5, 3	CRRIB, NTF, 3POR	S, GCI, GCI
Z 19 DT, Z 19 DTL	Astra Mk V 1.9 CDTI, Signum 1.9 CDTI, Vectra C 1.9 CDTI, Zafira MK II 1.9 CDTI, Zafira MK II 1.9 CDTI	G-V-27	1910	4	3	82	2, 2, 2	CRR, NTF, CHSL-B	SGI, GCI, S
Z 19 DTH, Z 19 DTJ	Astra Mk V 1.9 CDTI 16V, Signum 1.9 CDTI 16V, Vectra C 1.9 CDTI 16V	G-V-28	1910	4	3	82	2, 2, 2	CRR, NTF, CHSL-B	SGI, GCI, SGI
X 17 DTL, 17 D, 17 DR	Astra Mk II 1.7 D, Astra Mk III 1.7 D, Astra Mk III 1.7 TD, Astra Mk IV 1.7 TD, Belmont 1.7 D, Cavalier III 1.7 D	G-V-29	1699	4	3	82	2, 2, 3	CRR, CTFIB, CHSL-B	SGI, GCI, GCI
F4R 720	Vivaro 2.0i 16V	G-V-30	1998	4	3	82.7	1.2, 1.5, 2	CRR, NTF, 3POR	S, GCI, GCI
X 20 DTH	Vectra B 2.0 DTi 16V	G-V-31	1995	4	3	84	2.5, 1.75, 3	CRFK, CTF, CHSL-B	SGI, GCI, GCI
M9R 780 Euro 4	Vivaro 2.0 CDTI 16V	G-V-32	1995	4	3	84	2.5, 2, 2	CRHK, CTFIB, CHSL-B	SGI, GCI, GCI
C 18 NZ, E 18 NV, E 18 NVR, 18 E, 18 NV, 18 SE, 18 SHE, 18 SV	Astra Mk I 1.8i, Astra Mk II 1.8, Astra Mk II 1.8i, Astra Mk III 1.8i, Belmont 1.8i, Carlton III 1.8, Carlton III 1.8i, Cavalier II 1.8, Cavalier II 1.8i, Cavalier III 1.8, Cavalier III 1.8i	G-V-33	1796	4	3	84.8	1.5, 1.5, 3	CRR, NTF, 3POR	SGI, GCI, GCI
C 20 LET, C 20 NE, C 20 SEL, C 20 XE, C 22 SEL, X 20 SE, X 20 XEV, X 22 SE, X 22 XE, X 30 XE, 20 SE, 20 SHE, 20 SER, 20 XE, 20 XEJ	"Astra Mk II 2.0i, Astra Mk II 2.0i 16V, Astra Mk III 2.0i, Astra Mk III 2.0i 16V, Astra Mk IV 2.0i 16V, Belmont 2.0i, Belmont 2.0i 16V, Calibra 2.0i, Calibra 2.0i 16V, Calibra 2.0i Turbo 16V, Carlton III 2.0i, Cavalier II 2.0i, Cavalier III 2.0i, Cavalier III 2.0i Turbo								

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
16V, Cavalier III 2.0i 16V, Frontera A 2.0i, Frontera A 2.0i 16V, Frontera B 2.2i 16V, Omega B 2.0i, Omega B 2.0i 16V, Omega B 3.0i 24V, Sintra 2.2i 16V, Sintra 3.0i 24V, Vectra B 2.0i 16V, Vectra B 2.2i 16V, Zafira Mk I 2.0i 16V"	G-V-34	1998 & 2198 & 2962	4, 6	3	86	1.5, 1.5, 3	CRR, NTF, 3POR	SGI, GCI, GCI	
Y 22 XE, Z 20 LET, Z 22 SE, Z 22 XE	"Astra Mk IV 2.0i Turbo 16V, Astra Mk IV 2.2i 16V, Omega B 2.2i 16V, Vectra B 2.2i 16V, Vectra C 2.2i 16V, VX 220 2.0i Turbo 16V, VX 220 2.2i 16V, Zafira Mk II 2.0i Turbo 16V								
"	G-V-35	2198 & 1998	4	3	86	1.2, 1.5, 2.5	CRR, NTF, 3POR	S, GCI, GCI	
G9T 720, G9T 722, G9T 750	Movano 2.2 DTI 16V	G-V-36	2188	4	3	87	3, 1.75, 2.5	CRHK, CTFIB, PSL	SGI, GCI, GCI
G9U 720 Euro 3, G9U 724 Euro 3, G9U 730 Euro 3, G9U 750 Euro 3, G9U 754 Euro 3	Movano 2.5 DTI 16V, Movano 2.5 CDTI 16V, Vivaro 2.5 CDTI 16V	G-V-37	2463	4	3	89	2.5, 1.75, 2.5	CRRIB, CTFIS, PSL	SGI, GCI, GCI
G9U 720 Euro 3, G9U 724 Euro 3, G9U 730 Euro 3, G9U 750 Euro 3, G9U 754 Euro 3	Movano 2.5 DTI 16V, Movano 2.5 CDTI 16V, Vivaro 2.5 CDTI 16V	G-V-38	2463	4	3	89	2.5, 1.75, 2.5	CRHK, CTFIS, PSL	SGI, GCI, GCI
G9U 630 Euro 4, G9U 650 Euro 4	Movano 2.5 CDTI 16V, Vivaro 2.5 CDTI 16V	G-V-39	2463	4	3	89		CRHK, CTFIS, CHSL-B	SGI, GCI, SGI
23 D, 23 YD	Carlton II 2.3 D, Carlton III 2.3 D	G-V-40	2260	4	3	92	2, 2, 4	CRR, NTF, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
23 DTR, 23 TD, 23 YDT	Carlton III 2.3 TD, Frontera A 2.3 TD	G-V-41	2260	4	3	92	2.5, 2, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
4JA1		G-V-42	2499	4	3	93	2, 2, 4	C, NTF, BPSL	GCI, GCI, GCI
S8U 758, S8U 780, S8U 782	Arena 2.5 D	G-V-43	2499	4	3	93	3, 2, 3	CRR, N, CHSL-B	SGI, GCI, GCI
S9W 700 Euro 2, S9W 702 Euro 2	Movano 2.8 DTI	G-V-44	2799	4	3	94.4	3, 2, 3	CRFK, CTF, CHSL-B	SGI, GCI, GCI
S9W 700 Euro 2, S9W 702 Euro 2	Movano 2.8 DTI	G-V-45	2799	4	3	94.4	2.5, 2, 2.5	CRFK, CTF, CHSL-B	SGI, GCI, GCI
20 E, 20 E CIH, 20 S, 30 E, 30 H	Manta 2.0i	G-V-46	1979 & 2969	4, 6	3	95	2, 2, 4	CRR, CTF, 3POR	SGI, GCI, GCI
20 E, 20 E CIH, 20 S, 30 E, 30 H	Manta 2.0i	G-V-47	1979 & 2969	4, 6	3	95	2, 2, 4	CRR, CTF, 3POR	SGI, GCI, GCI
4 JX1T	Monterey B 3.0 DTI 16V	G-V-48	2999	4	3	95.4	2.45, 2, 4	CRFK, CTFIS, CHSL-B	GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
HR 488 HT / 2, VM 80 A, HR 588 HT / 2	Alfa Romeo, Alfa Romeo	G-VM-001	1994 & 2492	4, 5	3	88	2.5, 2, 4	CRFK, NTF, CHSL-B	SGI, GCI, GCI
HRA 192, HRA 292, HRA 392, HRA 492		G-VM-002	1, 2, 3, 4	4	3	92	2, 2, 4	CRIB, NTF, CHSL-B	SGI / S, GCI, GCI
HR 492 HI, HR 492 HT, HR 92.4 S-H, HR 692 H / HT / , H 9 / HT 9	Alfa Romeo, Alfa Romeo, Alfa Romeo, Marinemotor	G-VM-003	2392 & 2393 & 2500 & 3589	4, 4, 4, 6	3	92	2.5, 2, 4	CRFK, NTF, CHSL-B	SGI, GCI, GCI
VM 425 CE, VM 531 CE, Turbotronic 2	Chrysler, Voyager, Jeep Cherokee	G-VM-004	2499 & 3124	4, 5	3	92	2, 1.5, 2.5	CRHK, NTF, BPSL	SGI / S, GCI, GCI
HR94, HR94, HR94, HR94	Industrie-motor	G-VM-005	1388 & 2082 & 2776 & 4164	2, 3, 4, 6	3	94	3, 2, 4	CRFK, N, CHSL-B	SGI, GCI, GCI
10 DA / SL, 951 SU, 195 SV, 22 DA / SL, 952 SU, 295 SV, 35 DA / SL, 395 SV, 50 DA / SL, 954 SU, 956 SU		G-VM-006		1, 2, 3, 4, 5	4	95	2.5, 2.5, 2.5, 5	CRIB, CTFIB, CTFIB, BPSL	GCI, GCI, GCI, GCI
198 SV, 298 SV, 398 SV		G-VM-007		1, 2, 3	4	98	2.5, 2.5, 2.5, 5	CRIB, CTFIS, N, BPSL	GCI, GCI, GCI, GCI
101 SU, 102 SU / , MH 11, 103 SU / , MH 11, 104 SU / , MH 11, 106 SU / , MH 11		G-VM-008		1, 2, 3, 4, 6	4	100	2.5, 2.5, 2.5, 5	CRFK, CTF, N, BPSL	SGI / S, GCI, GCI, GCI
110 SL, 210 SL, 310 SL, 410 SL		G-VM-009		1, 2, 3, 4	4	100	2.5, 2.5, 2.5, 5	CR, CTF, N, BPSL	SGI, GCI, GCI, GCI
1051 SU / SUN, 1052 SU / SUN, 1053 SU / SUN, 1054 SU / SUN, 1056 SU / SUN		G-VM-010	996 & 1992 & 2987 & 3984 & 5976	1, 2, 3, 4, 6	4	105	3, 2.5, 2.5, 5	CRFK, CTF, N, CHSL-B	SGI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
SUN.M		G-VM-011	1992 & 2987 & 3984 & 5976	2, 3, 4, 6	3	105	3, 2.5, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
112 DAN, 113 DAN, 114 DAN, 116 DAN		G-VM-012		2, 3, 4, 6	4	110	3, 2.5, 2.5, 5	CRFK, CTF.N, BPSL	SGI, GCI, GCI, GCI
1152 DAN, 1153 DAN, 1154 DAN, 1156 DAN		G-VM-013		2, 3, 4, 6	4	115	3, 3, 3, 6	CRFK, CTFIB, N, BPSL	SGI, GCI, GCI, GCI
L-130, L-130		G-VM-014		6, V12	4	130	4, 3, 3, 6	CRFK, CTFIB, CTFIB, CHSL-B	SGI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
	Lupo 1.0, Polo 50	G-VOL-001	999	4	3	67.1	1, 1.2, 2	CR, NTF, TPOR	SGI / S, GCI, S
801, FJ, GG, HB, HD, HA	Scirocco, Golf, Polo, Derby, Jetta, Industrie-motor, Polo, Derby	G-VOL-002	1093 & 895	4, 4	3	69.5	1.75, 2, 4	CRIB, NTF, PSL	GCI, GCI, GCI
HC	Polo	G-VOL-003	1093	4	3	69.5	1.75, 2, 4	CRIB, N, BPSL	GCI, GCI, GCI
3F, AAL, AAU, ABD	Polo, Polo, Golf III, Vento	G-VOL-004	1272 & 1043 & 1391	4, 4, 4	3	75	1.5, 1.5, 2.5	CRIB, CTF, TPOR	SGI / S, GCI, S
EP, EU	Passat, Santana	G-VOL-005	1296	4	3	75	1.5, 1.75, 3	CRIB, CTF, TPOR	SGI / S, GCI, S
GL, HZ, GK, HK, HW, 1272 cm3, PY, MH, NZ, NU, 2G	Polo, Derby, Polo Hydrostössel, Polo, Scirocco, Polo / Coupé, Golf, Jetta, Derby, Golf Cabrio, Jetta (Export), Hydrostössel, Polo G 40	G-VOL-006	1050 & 1043 & 1272	4, 4, 4	3	75	1.75, 2, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
MN, 1W	Polo, Polo	G-VOL-007	1272 & 1398	4, 4	3	75	1.75, 2, 3	CRIB, CTF, PSL	SGI / S, GCI, GCI
HH, FZ, HJ, GT, FY, GS	Polo, Derby, Passat, Santana (Export), Golf, Jetta, Scirocco	G-VOL-008	1272	4	3	75	1.75, 2, 4	CRIB, NTF, TPOR	SGI / S, GCI, S
ZA, ZP, EP	Passat, Santana	G-VOL-009	1296	4	3	75	2, 2.5, 4	CRIB, N, TPOR	SGI / S, GCI, S
ADX, AEX, AEE, AEA, AHS	Polo, Golf, Vento, Caddy, Polo, Golf, Vento, Caddy	G-VOL-010	1389 & 1598	4, 4	3	76.5	1.2, 1.5, 2.5	CRIB, NTF, TPOR	SGI / S, GCI, S
ABU	Golf III, Vento	G-VOL-011	1598	4	3	76.5	1.5, 1.5, 2.5	CRIB, NTF, TPOR	SGI / S, GCI, S
1V, CY, MF, JR, JX, RA, SB, DV, ACL	Golf, Jetta, Passat, Santana, 245 / , 247 / 251 / 253 / , 255, Rabbit (USA), LT 28 / 31 / 35 / Typ 2, 40 / 45 / 50 / 55, LT 35	G-VOL-012	1588 & 2384 & 2383	4, 6, 6	3	76.5	1.75, 2, 3	CR, CRTFIB, CHSL-B	SGI / S, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
1470 cm3, CR, CS, JK, ME, JP, 076.1, CP, DW, 1S, DL, 1E, HS	Passat Industrie-motor, Jetta, Passat, T2, Santana, Caddy, Golf, Industrie-motor, LT 31D, LT 33D, LT 35D, LT 40D, LT 45 D, LT 28 / 31 / 35 / , 40 / 45 / 50 / 55	G-VOL-013	1470 & 1588 & 2387 & 2383	4, 4, 6, 6	3	76.5	1.75, 2, 3	CR, CRTFIB, CHSL-B	SGI / S, GCI, GCI
FD, FB, ZC, ZB	Passat, Scirocco	G-VOL-014	1470	4	3	76.5	2, 2.5, 4	CR, N, CHSL-B	SGI, GCI, GCI
1,13,113	1200, 122, Industrie-motor, 1300, Karmann Ghia, Käfer 1300, 1302, 1303	G-VOL-015	1192 & 1285	4, 4	3	77	2, 2, 4	CTF, N, BPSL	GCI, GCI, GCI
113	113, 117, 141, 151, 211, 231, 241, Käfer 1200	G-VOL-016	1192	4	3	77	2.5, 2.5, 4	CTF, CTF, BPSL	GCI, GCI, GCI
AFB, AKN	Passat TDi, Passat 2.5 V6	G-VOL-017	2496	6	3	78.3	1.75, 2, 3	CR, CTFIB, CHSL-B	SGI / S, GCI, GCI
KY, AAZ, ABL, 1Z, AEY, AEF, AFN, AHF, AHU, 1X, 1Y, AAB	T2, Passat, Golf, Vento, T4, Passat TDI, Sharan TDI, Golf SDI, Vento SDI, Caddy, Polo SDI, Vento TDI, Sharan, New Beetle, T4, T4-Syncro	G-VOL-018	1896 & 2370	4, 4, 5	3	79.5	1.75, 2, 3	CR, CTFIB, CHSL-B	SGI / S, GCI, GCI
		G-VOL-019			3	79.5	1.75, 2, 3	C, CRTFIB, CHSL-B	SGI / S, GCI, GCI
EE, EJ, EF, FN, FR, FP, WV, YG, YH, YK, WY, WZ, YP, YN, YT, EG, FT, FV, JB, EH, FH, VJ, EN, WN	Golf, Scirocco, Jetta, Passat, Santana (USA), Industrie-motor, Santana, Golf GTi, Scirocco GTi, Jetta Gli, Rabbit, Scirocco (USA), Golf, Scirocco, Jetta, Pussat, Caddy, Iltis, Geländewagen, Rabbit (USA), Golf, Jetta, Scirocco (USA), Santana, Rabbit, Dasher, Quantum, (USA), Passat, Santan, Quantum(USA)	G-VOL-020	1588 & 1457 & 1716 & 1921	4, 4, 4, 5	3	79.5	1.75, 2, 4	CRIB, NTF, TPOR	SGI / S, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
1600	Golf, Scirocco, Jetta, Passat, Audi 80, 100	G-VOL-021	1588	4	3	79.5	1.75, 2.5, 5	CRIB, NTF, CHSL-B	SGI / S, GCI, S
		G-VOL-022		4	3	79.5	2, 2.5, 5	CR, NTF, TPOR	GCI, GCI, S
AEK, AFT, AHL	Polo, Golf, Vento, Passat	G-VOL-023	1595	4	3	81	1.2, 1.2, 2	CIB, NTF, TPOR	SGI / S, GCI, S
AEB, AGU, ADR, AGN	Passat, Golf, Sharan 1.8 Turbo, Passat, Golf 1.8	G-VOL-024	1781	4	3	81	1.5, 1.75, 2	CRIB, NTF, TPOR	SGI / S, GCI, S
JS, JT, KX, KV, VR5, AGZ, VR6, AAA, EZ, ABN, JU, PN, RF, 1P, 2H, GU, PB, ABS, HV, ADZ, GX, JH, KT, DX, DZ, GZ, EV, PF, HT, RH, DS, JV, KR, PL, AAM, RP, JN, PG	Passat Syncro, Passat, Santna, Passat, Passat Syncro, Quantum(USA), Golf, Passat, Corrado (USA), Golf, Vento, Passat, Sharan, Santana, Jetta, Golf, Passat, Golf, Jetta, Jetta Syncro, Golf Cabrio, Jetta (CH, S), Passat, Vento, Scirocco, Santana, Corrado, Passat Syncro, Scirocco 16V, Jetta 16V	G-VOL-025	2226 & 2226 & 2324 & 2792 & 1595 & 1781	5, 5, V5, V6, 4, 4	3	81	1.5, 1.75, 3	CRIB, NTF, CHSL-B	SGI / S, GCI, GCI
		G-VOL-026			3	81	1.5, 1.75, 3	CRIB, NTF, TPOR	SGI / S, GCI, GCI
AAC, AAF, ACU	T4, T4, T4 Syncro	G-VOL-027	1998 & 2459	4, 5	3	81	1.75, 2, 3	CRIB, NTF, CHSL-B	SGI / S, GCI, GCI
		G-VOL-028			3	81	1.75, 2, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
ACV, AHD, AGX	T4, Caravelle TDI, LT 35 TDI, LT 28 SDI	G-VOL-029	2461	5	3	81	2.5, 2, 3	CR, CTF, CHSL-B	SGI, GCI, GCI
VR6, ABV	Corrado, Golf Syncro	G-VOL-030	2861	V6	3	82	1.5, 1.75, 3	CRIB, NTF, CHSL-B	SGI / S, GCI, GCI
AVU	Golf 1.6, New Beetle 1.6, Bora +, Passat 1.6	G-VOL-031	1595	4	3	81	1, 1.2, 2	C, NTF, TPOR	SGI / S, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
9A, 2E, ADY, ABA, ABF, AGG, ADY, 2771	Passat, Corrado, Golf, Vento, Golf III, Vento 16V, Sharan, Passat Syncro	G-VOL-032	1984 & 2771	4, V6	3	82.5	1.2, 1.5, 2	C, NTF, TPOR	SGI / S, GCI, S
7A	Audi 90, 100	G-VOL-033	2309	5	3	82.5	1.2, 1.75, 3	C, NTF, TPOR	SGI / S, GCI, S
3A	Audi 80, 90	G-VOL-034	2000	4	3	82.5	1.5, 1.5, 2	CRIB, NTF, TPOR	SGI / S, GCI, S
7A, 1900E	Passat, Audi 80, 90, 100	G-VOL-035	2309 & 1847	5, 4	3	82.5	1.5, 1.75, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
124, 126, 311	Käfer 1500, Transporter	G-VOL-036	1493	4	3	83	2, 2, 4	CTF, N, BPSL	GCI, GCI, GCI
211	181, Käfer 1200, 1303 (USA), Transperter 1600, 211, 231, 245, 247, 251, 253, 255, 261, Clipper, Industrie-motor, 126 A, Micro-Bus	G-VOL-037	1584	4	3	85.5	1.75, 2, 5	CTF, N, BPSL	GCI, GCI, GCI
311 AD / AS, 311, 311-314, 343-346, 361-364	Käfer 1302, Käfer 1303, Käfer 1600, Karmann Ghia	G-VOL-038	1584	4	3	85.5	2, 2, 5	CTF, N, BPSL	GCI, GCI, GCI
CH	LT 28-281 CH, 283 CH, 285 CH, LT 31-281 CH, LT 35, LT 40	G-VOL-039	1984	4	3	86.5	2, 2.5, 5	CR, NTF, BPSL	SGI / S, GCI, GCI
W	411 E, 412 E, 914 / 4 , (VW-Porsche)	G-VOL-040	1679	4	3	90	2, 2, 5	CTF, N, BPSL	GCI, GCI, GCI
2L	Taro	G-VOL-041	2446	4	3	92	2, 2, 4	CRHK, CRTF, BPSL	SGI / S, GCI, S
CG	LT 28 D, LT 31D, LT 35 D	G-VOL-042	2710	4	3	92	2, 2.5, 4	CRIB, NTF, CHSL-B	SGI / S, GCI, GCI
AP, AT	T2, 412, 914, (VW-Porsche) (USA)	G-VOL-043	1795	4	3	93	2, 2, 4	CTF, N, BPSL	GCI, GCI, GCI
AGK, ATA	LT 28 D	G-VOL-044	2799	4	3	93	2.5, 2, 3	CRFK, CRTFIS, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
GB	VW-Porsche, 914 2.0	G-VOL-044	1957	4	3	94	1.5, 1.75, 4	CR, N, TPOR	SGI / S, GCI, S
DJ, MV, SS, SR	245 / 251 / 255, Caravelle, T2, T2 Syncro, T2 Syncro (CH)	G-VOL-045	2109	4	3	94	1.75, 2, 3.5	CR, N, PSL	SGI, GCI, GCI
GJ, GD, GE, DH, H4, DF, DG, EY, GW, DF	211 / 221 / 231 / , 245 / 247 / 251 / , 253 / 255 / 261 / , 2000, 245 / 247 / 251 / , 253 / 255, Typ 2 Syncro	G-VOL-046	1970 & 1915	4, 4	3	94	1.75, 2, 4	CTF, N, BPSL	GCI, GCI, GCI
D 0224 M / MF / MKF, D 0226 M / MF / MKF	8.136 F / FK, 9.136 F / FK, 6.90 F / FK, 8.90 F / FK	G-VOL-047	3791 & 5687	4, 6	3	102	2.5, 2.5, 4	CR, CTF, CHSL-B	SGI, GCI, GCI

VOLKSWAGEN TRUCK

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
'H' (1965-1967)		G-VWT-01	1457	4	3	83	2, 2, 4	IBTF, IBTF, 3POR	GCI, GCI, S
EH' (1980), 'FX' (1980)		G-VWT-02	1457	4	3	79.5	1.75, 2, 4	CR, IBTF, 3POR	SGI, GCI, S
AD' (1971-1972), 'AE' (1971), 'AF' (1971), 'B' (1968-1970), 'C' (1968-1970)		G-VWT-03	1584	4	3	85.5	2, 2, 4	IBTF, IBTF, 3POR	GCI, GCI, S
CR' (1981-1983), 'CS' (1982-1985)		G-VWT-04	1588	4	3	76.5	1.75, 2, 3	IBTF, IBTF, CHSL-B	GCI, GCI, GCI
EJ' (1980)		G-VWT-05	1588	4	3	79.5	1.75, 2, 4	CR, IBTF, 3POR	SGI, GCI, S
EN' (1981-1983)		G-VWT-06	1715	4	3	79.5	1.75, 2, 4	CR, IBTF, 3POR	SGI, GCI, S

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
B 10 E	66 DL	G-VOL-001	1108	4	3	70	1.75, 2, 3.5	CRIB, N, TPOR	SGI / S, GCI, S
B 13 E	66 GL	G-VOL-002	1289	4	3	73	1.75, 2, 4	CR, CTF, BPSL	SGI / S, GCI, GCI
B 14, B 14 OE	340, 343, 345	G-VOL-003	1397	4	3	76	1.75, 2, 4	CRIB, NIB, TPOR	SGI / S, GCI, S
D 24, D 24 TD, D 24 TD / TIC	240, 244, 245, 740, 760, 940, 945, 960, 780, 960, 980	G-VOL-004	2383	6	3	76.5	1.75, 2, 3	CR, CRTFIS, CHSL-B	SGI / S, GCI, GCI
D 16	340, 360	G-VOL-005	1596	4	3	78	2, 2, 3	CR, CTF, CHSL-B	SGI / S, GCI, GCI
B 16 A, B 16 B		G-VOL-006	1580	4	3	79.37	5 / 64", 5 / 64", 3 / 16"	CR, CIB, BSOR	GCI, GCI, GCI
D 4192 T, Mot--37920	S 40 1.9TD, V40 1.9TD	G-VOL-007	1870	4	3	80	2.5, 2, 3	CRFK, CTFIB, CHSL-B	SGI, GCI, GCI
D 4192 T, Mot--37920	S 40 1.9TD, V40 1.9TD	G-VOL-007	1870	4	3	80	2.5, 2, 3	CRIB, CTFIB, CHSL-B	SGI, GCI, GCI
B 5204 S, B 5204 FT, B 6254 S / G	S 40, V 40 (I), S 70, V 70 (I)	G-VOL-008	1984 & 2473	5, 6	3	81	1.2, 1.75, 3	CIB, NTF, TPOR	SGI / S, GCI, S
B 5234 FT	850 T5, S 70	G-VOL-009	2319	5	3	81	1.2, 1.75, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
B 172 K, B 18 KP / KPD, B 18 E / ED / F / EP, / FP, F 3 N-230, F 3 N	340, 360, 440, 460, 480	G-VOL-010	1721	4	3	81	1.75, 2, 3	CRIB, CTF, TPOR	SGI / S, GCI, S
D 5252 T	850 TDI, S / V 70	G-VOL-011	2461	5	3	81	2.5, 2, 3	CR, CTF, CHSL-B	SGI, GCI, GCI
B 5202 S	850, S 70, V 70	G-VOL-012	1984	5	3	81	1.2, 1.5, 2.5	CR, CRTFIB, CHSL-B	SGI / S, GCI, GCI
B 18 U, B 20 F	440, 460, 460	G-VOL-013	1794 & 1998	4, 4	3	82.7	1.5, 1.75, 3	CRIB, CTF, TPOR	SGI / S, GCI, S
F7R	440, 460	G-VOL-014	1994	4	3	82.7	1.2, 1.5, 2.5	CIB, NTF, TPOR	GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
N 2P 25 FS, B 5254 F, B 5252 F	850 GLT, 850 GLE	G-VOL-015	2500 & 2435	5, 5	3	83	1.2, 1.75, 3	CIB, NTF, TPOR	SGI / S, GCI, S
B 5204 T2	S 70 T, V 70 T, C 70 T	G-VOL-016	1984	4	3	83	1.2, 1.5, 2.5	CIB, NTF, TPOR	SGI / S, GCI, GCI
B 5234 T2, B 5244, B 5254	S 70 T5, V 70 T5, C 70 T5, S 80	G-VOL-017	2319	5	3	83	1.2, 1.5, 2.5	CIB, NTF, TPOR	SGI / S, GCI, GCI
B 4202 S, B 4184 S, B 4204 T	S 40, V 40, S 40 Turbo, V 40 Turbo	G-VOL-018	1731 & 1948	4	3	83	1.2, 1.5, 2.5	CIB, NTF, TPOR	SGI / S, GCI, GCI
B 5252 F / FS, B 5252 T	850 GLE, SE, GLT, C70, S70, V70	G-VOL-019	2435	5	3	83	1.2, 1.5, 2.5	CIB, NTF, TPOR	SGI / S, GCI, GCI
B20F-118	440, 460, 480, 850, 960	G-VOL-020	2000 & 2500 & 3000	4, 5, 6	3	83	1.5, 1.75, 3	CRIB, NTF, TPOR	SGI / S, GCI, S
B 18 A, B 18 D, B 18 B	PV 544, Amazon, P 121, P 131, PV 544, P 122 S, P 132, P 210, P 221, P 1800	G-VOL-021	1780	4	3	84.14	2, 2, 3 / 16"	CR, N, BSOR	SGI, GCI, GCI
B 27 E, B 27 A, B 27 E	264, 265, 262	G-VOL-022	2664	V6	3	88	1.5, 2, 4	CRIB, CTF, TPOR	SGI / S, GCI, S
B 200 K, B 200, K E, B 200 ET, B 204 FT	240, 360, 940, 960	G-VOL-023	1986 & 1991	4	3	88.9	1.75, 1.75, 3.5	CRIB, NTF, BPSL	SGI / S, GCI, GCI
B 19 A, B20A, B 19 E, B 20 B, B 20 E	242, 244, 245, 360, 142, 144, 145, C 202	G-VOL-024	1985	4	3	88.9	1.75, 2, 4	CRIB, N, BPSL	SGI / S, GCI, GCI
B 20 A, B 20 B, B 20 E / F, B 30 E	142, 144, 145, 1800 S, 160, 164, 165, 166, 142 E, 144 E, 164 E	G-VOL-025	1991 & 1985 & 2978	4, 4, 6	3	88.9	2, 2, 3 / 16"	CR, N, BSOR	SGI / S, GCI, GCI
B 28 E, B 28 A / F	262, 264, 265, 760, 780, 780 (USA)	G-VOL-026	2849	V6	3	91	1.5, 2, 4	CRIB, CTFIB, CHSL-B	SGI / S, GCI, GCI
B 21 A, B 21 E, B 21 F, B 21 ET, B 21 FT / FTI	242, 244, 245, 245 (USA), 240	G-VOL-027	2127	4	3	92	1.75, 2, 4	CRIB, NTF, PSL	SGI, GCI, GCI
B21	242, 244, 245	G-VOL-028	2127	4	3	92	2, 2, 4	CRIB, NTF, PSL	SGI / S, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
MD 31, MD 31 A	Marinemotor	G-VOL-029	2390	4	3	92	2.5, 2.5, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
MD 40 A, TAMD 40 A / B, AQAD 40 A, TMD 40 A, TMD 40 B / C, TD 41 G	Marinemotor, F 406, F 408, F 407	G-VOL-030	3600	6	3	92	2.5, 2.5, 4	CRFK, NTF, CHSL-B	SGI, GCI, GCI
D 50 A / B, TD 50 A / B	F 84, F 85, N 84, B 54	G-VOL-031	5100	6	4	95.25	3 / 32", 1 / 8", 1 / 8", 3 / 16"	CR, CTF, CTF, CHSL-B	SGI, GCI, GCI, GCI
B 230 A / K, B 230 E, B 230 F, B 230 F / FB / FF / , FD / GS / FS / FDI / ET / FT / GT, 171, B 230, B 234 F, 151 A	240, 740, 760 (USA), 940, 760 Turbo, Marinemotor, 740 GL 16 V, 740 GL 16 V, Marinemotor	G-VOL-032	2316 & 2489	4, 4	3	96	1.75, 1.75, 3.5	CRIB, NTF, CHSL-B	SGI, GCI, GCI
MB 23, B 23 A, B 23 E, B 23 Sportversion, B 23 F, B 23 ET, B 23 FT, B 230 FT	Marinemotor, 244, 240, 244, 740, 760, (USA), 760 Turbo, 760 Turbo (USA)	G-VOL-033	2316	4	3	96	1.75, 2, 4	CRIB, NTF, TPOR	SGI, GCI, S
D 60, TD 60 A, TD 60 B, TD 60 F / G / GS, TD 60 C / D / DG, TAMD 60 C, TID 60 A / ACE, TD 610 G, TD 61 A / AG / APB / ACE, / AGP / AP, TWD 610 G	Traktor B 609, F 609, F 611, 680, 486, F 60, F 609, F 613, N 84, B 6 F, F 613, F 614, F 616, F 617, B 6 F, 200 CH, FL 616, FL 614, F 610, F 611, F 612	G-VOL-034	5480	6	3	98.43	3 / 32", 1 / 8", 3 / 16"	CRIB, CTF, CHSL-B	GCI, GCI, GCI
TAMD 61 A, TAMD 62 A	Marinemotor	G-VOL-035	5480	6	3	98.43	1 / 8", 1 / 8", 3 / 16"	CRFK, CTF, CHSL-B	SGI, GCI, GCI
TD 63, D 6 A.230, 250, Euro 2	FL 611, 612, 613, 614, 608, 618, 619+L 704	G-VOL-036	5480	6	3	98.43	3.5, 2.5, 3.5	CRFKIB, CTFIB, CHSL-B	SGI, GCI, GCI
D 7 A, B	FL7+B7R, FL 290	G-VOL-037	6700	6	3	104.77	3.5, 2.5, 3.5	CRFKIB, CTFIB, CHSL-B	SGI, GCI, GCI
TD 70 A, TD 70 B / C, TMD 70 B, TD 70 G / F / FS, TAMD 70 / C, MD 70 C, D 70 CHC, D 70 CRC, TMD 70 C	B 54, B 57, F 86, FB 86, N 86, D 7, Dumper 3500, F 86, FB 86, N 86, N 7, F 7, F 716 / T, F 724, F 720, Dumper 5350, B57, N 7, Marinemotor, Marinemotor	G-VOL-038	6700 & 6724 & 6730	6, 6, 6	4	104.78	3 / 32", 1 / 8", 1 / 8", 3 / 16"	CR, CTF, CTF, CHSL-B	SGI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
MD 70 B, D 70 A, D 70 B	Marinemotor, F 86, N 86	G-VOL-039	6700	6	5	104.78	3 / 32", 1 / 8", 1 / 8", 3 / 16", 3 / 16"	CR, CTF, CTF, CHSL-B, SOR	SGI, GCI, GCI, GCI, GCI
TD 70 E / ES, TD 70 H / HA, TD 70 E / ES, TD 71 A, AW, ACE, AP, APB, AG, AGP, FQ / K, FSQ, TDF 71 F, TD 73 G / E, TD 71 FS / FSQ	F 86, TF 86 T, N 725, TF 86 TDC, TN 7, B 57, Dumper 4500, F 7, B 57	G-VOL-040	6700	6	3	104.78	3 / 32", 1 / 8", 3 / 16"	CR, CTF, CHSL-B	GCI, GCI, GCI
TAMD 71, TAMD 71 B, TD 73 ES, TD 73 E	Marinemotor, FS 7-34 / 7-54, FS / FL 7-38 / 7-52, FS 7-34 / 7-54	G-VOL-041	6724 & 6700	6, 6	3	104.78	3, 2.5, 4	CRFK, NTF, CHSL-B	SGI, GCI, GCI
TD42, TD45		G-VOL-042		4	4	105.57	3 / 32", 1 / 8", 1 / 8", 3 / 16"	CR, CIB, CIB, CHSL-B	GCI, GCI, GCI, GCI
D 1113, D 1114	Traktor 350, 470	G-VOL-043		3, 4	5	111.12	3 / 32", 1 / 8", 1 / 8", 3 / 16", 3 / 16"	CRIS, CTF, CTF, BPSL, SOR	GCI, GCI, GCI, GCI, GCI
D 100 A / B, MD 100 B, HD 100 A, THD 100 A, TD 100 A, THD 100 A, TMD 100 A, THD 101 B	N 88, F 88, LN 88, LF 88, B 58, B 59, NB 88, FB 88, N 10, B 10, 300 CH, 400 CH	G-VOL-044	9600	4	4	120.65	3 / 32", 1 / 8", 1 / 8", 3 / 16"	CR, CTF, CTF, CHSL-B	SGI, GCI, GCI, GCI
TD 96		G-VOL-045		6	5	120.65	3 / 32", 1 / 8", 1 / 8", 3 / 16", 3 / 16"	CRIS, CTF, CTF, CHSL-B, SOR	SGI, GCI, GCI, GCI, GCI
TD 96, TD 100 BG, THD 100 DB / DC / DD / E / , EB / EC / ED, THD101 G / GC / GD, THD 101 K / KB / MC, THD 101 KC, THD 102 KA / KB / KF, TD 100 G / GA / F, TD 101 F / FA / FD / , G / GA, TMD 102 / A / C, THD 102 KE	F 10-46, F 10-49, F 10-52, F 10-56, F 1020 / 38, N 10, F 10, F 88, FB 88, B 10 M / R, 400 CH, B 10 M, C 10 M, C 10 M, B 10 M GAB, F 10, N 10, F 10 Intercooler, N 10Intercooler, Marinemotor, Truck	G-VOL-046	9600 & 9599 & 10414	6, 6, 6	3	120.65	3 / 32", 1 / 8", 3 / 16"	CR, CRTFIB, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
THD 102 KD, TD 102 FL / FM / GB, TD 102 F / FD / , FDQ / FF / FH, Euro 1	B 10 M, F 10, FL 10, N 10	G-VOL-047	9600	6	3	120.65	3, 1 / 8", 3 / 16"	CR, CTF, CHSL-B	SGI, GCI, GCI
TD 103 E / ES / EA, Euro 2, TD 103 KF, KB Euro 1	F 10-38 / 40 / 52, NL 10, FL 10, FS 10, Bus B 10 M	G-VOL-048	9600	6	3	120.65	3.5, 1 / 8", 3 / 16"	CRFKIB, CTF, CHSL-B	SGI, GCI, GCI
TD 103, D 10 Euro 2, DH 10 A	FL 10-360 IC, Bus	G-VOL-049	9600	6	3	120.65	4, 1 / 8", 3 / 16"	CRFKIB, CTF, CHSL-B	SGI, GCI, GCI
D 120	F 88, F 89	G-VOL-050	12000	6	4	130.18	3 / 32", 1 / 8", 1 / 8", 3 / 16"	CR, CTF, CTF, CHSL-B	SGI, GCI, GCI, GCI
TD 120 A, TMD 120 A, TAMD 120 A, TD 120 C / D / E, TAD 120 BHC, TAMD 120 B, TD 120 G / GA, TD 120 F / FC, TD 122 GB / KBE, TAMD 120 A / AK / B / C / E, BCC, TD 121 F / G / GD / C, 122 GB, 122 KBE, TAD 121 CHC, TAMD 121 C / D, TID 121 FG, TAMD 122 A, TD 122 F / GA / GH, TD 122 FK / FR / FS / KE, TD 122 F (USA) / FH / FL / KHD	F 89, N 12, CH 230, F 12-46, F 12-49, F 12-59, F 12-38, F 12 Intercooler, CH 230 T, Marinemotor, L 180K, FS 10, F 12 GL, Intercooler, White GMC	G-VOL-051	12000	6	3	130.18	3 / 32", 1 / 8", 3 / 16"	CR, CRTF, CHSL-B	SGI, GCI, GCI
		G-VOL-052			3	130.18	3 / 32", 1 / 8", 3 / 16"	CR, CTF, CHSL-B	SGI, GCI, GCI
TID 121 KG / P, LG / P, KP / B, LP / B	Industrie-motor	G-VOL-053	11979	6	3	130.18	3.5, 1 / 8", 3 / 16"	CRFK, CTFIB, CHSL-B	SGI, GCI, GCI
		G-VOL-054			3	130.18	3.5, 1 / 8", 3 / 16"	CRFK, CTF, CHSL-B	SGI, GCI, GCI
TAMD 122 P	Marinemotor	G-VOL-055	11980	6	3	130.18	4.5, 1 / 8", 3 / 16"	CRFK, CTFIB, CHSL-B	SGI, GCI, GCI
		G-VOL-056			3	130.18	4.5, 1 / 8", 3 / 16"	CRFK, CTF, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
D 12 A, Euro 2 / USA, D 12 A , Euro 2	FH 12 (EU), FH 12 (USA), FH 12	G-VOL-057	12100	6	3	131	4, 3, 4	CRFKIB, CTFIB, CHSL-B	SGI, GCI, GCI
TD 162 F / FL / FS	F 16 Intercooler	G-VOL-058	16120	6	3	144	3, 3.5, 5	CR, CTFIB, CHSL-B	SGI, GCI, GCI
TAMD 162, TID 162 AG / AP, TD 162 FL, TD 162, TD 162 AG, TD 163 ES, TXD 162	Marinemotor, F 16 Intercooler, F 16-34 / 40 / 43	G-VOL-059	16120	6	3	144	4, 3.5, 5	CRFKIS, CTFIB, CHSL-B	SGI, GCI, GCI
D 16 A	FH 16	G-VOL-060	16100	6	3	144	4, 3.5, 5	CRFKIS, CTFIB, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
BF 4 L 1011 F Euro 1, BF 4 L 1011 FT, Euro 1	L 30, L 32, L 35	G-VB-01	2732	4	3	91	3, 2, 3	CRFK, CTFIB, CHSL-B	SGI, GCI, GCI
A 3.152	T 320	G-VB-02	2503	3	4	91.48	2.385, 2.385, 6.335, 6.335	C, C, DBSOR, SOR	GCI, GCI, GCI, GCI,
A 3.152	T 320	G-VB-03	2503	3	4	91.48	2.385, 2.385, 6.335, 6.335	CRR, C, DBSOR, SOR	GCI, GCI, GCI, GCI,
D 50 A, D 50 B, TD 50 A, TD 50 B	DR 826, DR 860, DR 861, LM 840, LM 841, LM 845, LM 846, S 650, SM 868, SM 880, SM 980, T 800, T 814	G-VB-04	5100	6	4	95.25	2.39, 3.16, 3.16, 4.75	CRR, CTF, CHSL-B	SGI, GCI, GCI
D 60 A, TD 60 A, TD 60 B, TD 61 A, TD 61 G, TD 61 GB, TD 61 GD	DR 826, DR 860, DR 861, L 70, L 90, L 90, LM 4400, LM 841, LM 846, T 680, T 800, T 810, T 814, T 861, 2650, 2654, 4400	G-VB-05	5480	6	3	98.43	2.39, 3.16, 4.75	CRR, CTF, CHSL-B	GCI, GCI, GCI
TD 63 KBE Euro 1, TD 63 KDE Euro 1, TD 63 KEE Euro 1, TD 63 KFE Euro 1, TD 63 KGE Euro 1	L 70, L 90	G-VB-06	5480	6	3	98.43	3.5, 2.5, 3.5	CRFKIB, CTFIB, CHSL-B	SGI, GCI, GCI
4.236	L 30	G-VB-07	3864	4	3	98.48	2.385, 2.385, 4.747	CRRIB, CRTF, BPSL	GCI, GCI, GCI
4.236	L 30	G-VB-08	3864	4	5	98.48	2.385, 2.385, 2.385, 6.335, 6.335	CRRIB, CRIB, NTF, CHSL-B, BSOR	SGI, GCI, GCI, GCI, GCI,
4.236	L 30	G-VB-09	3864	4	5	98.48	2.39, 2.39, 2.39, 6.34, 6.34	CRTF, CTF, CTF, CHSL-B, SOR	GCI, GCI, GCI, GCI, GCI,
4.236	L 30	G-VB-10	3864	4	5	98.48	2.39, 2.39, 2.39, 6.34, 6.34	CRTF, CTF, CTF, SOR, SOR	GCI, GCI, GCI, GCI, GCI,
4B 3.9 C Euro 2, 6B 5.9 C Euro 2	EC 140, EC 150, EC 210, EW 170, EW 180	G-VB-11	3900 & 5883	6, 4	3	102	3, 2.35, 4	CRFK, CTFIB, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
D 70 B, TD 70 A	LM 1240, 3500	G-VB-12	6730	6	5	104.775	2.39, 3.16, 3.16, 4.747, 4.747	CRRIB, CIB, CIB, CHSL-B, SOR	GCI, GCI, GCI, GCI, GCI,
TD 70 F, TD 70 FS, TD 70 G, TD 71 A	Gabelstapler / Forklift, 5350, 5350	G-VB-13	6730	6	4	104.775	2.39, 3.16, 3.16, 4.75	CRR, CTF, CTF, CHSL-B	GCI, GCI, GCI, GCI
TD 71 G, TD 71 G 285, TD 71 GA	A 20, L 120, L 160, LM 4500	G-VB-14	6730	6	3	104.775	2.39, 3.16, 4.75	CRR, CRTFIB, CHSL-B	SGI, GCI, GCI
TD 73 KAE Euro 1, TD 73 KCE Euro 1, TD 73 KDE Euro 1, TD 73 KE Euro 1, TD 73 KFE Euro 1, TD 73 KGE Euro 1, TD 73 KHE Euro 1	A 20, A 25	G-VB-15	6730	6	3	104.775	3, 3.25, 4	CRFK, CTFIB, CHSL-B	SGI, GCI, GCI
D 42 A, D 45 B, TD 42 A, TD 45 B, TD 45 B EM, TD 45 E, TD 45 EM	G 646, L 50, LM 4200, LM 4300, LM 621, LM 622, LM 641, LM 642, T 616, 650, 4200 B, 4300 B, 6300	G-VB-16	4200 & 4200	4	4	105.57	2.39, 3.16, 3.16, 4.75	CRR, CTF, CTF, CHSL-B	GCI, GCI, GCI, GCI
BF 4 M 1013 Euro 1, BF 4 M 1013 E Euro 2, D 7 D EAE2 Euro 2, D 7 D ECE2 Euro 2, D 7 D EEE2 Euro 2, D 7 D LAE2 Euro 2, D 7 D LBE2 Euro 2	EC 240, EC 290, EC 330, L 110, L 120, L 40, L 45, L 50	G-VB-17	4764 & 7146	4, 6	3	108	3, 2, 3.5	CRFKIS, CTFIB, CHSL-B	SGI, GCI, GCI
1,11,31,114	G 614, GM 612, LM 218, LM 350, LM 470, LM 620, LM 640, LM 650, LM 740	G-VB-18	3780 & 5040	3, 4	5	111.125	2.385, 3.16, 3.16, 4.747, 4.747	CRRIS, CTF, CTF, BSOR, BSOR	GCI, GCI, GCI, GCI, GCI,
TD 100 A	LM 1641, LM 4600, 4500, 4600	G-VB-19	9600	6	4	120.65	2.385, 3.16, 3.16, 4.74	CRR, CTF, CTF, CHSL-B	SGI, GCI, GCI, GCI
TD 100 A	LM 1641, LM 4600, 4500, 4600	G-VB-20	9600	6	4	120.65	2.385, 3.16, 3.16, 4.74	CRR, CTF, CTF, CHSL-B	SGI, GCI, GCI, GCI
TD 100 A	LM 1641, LM 4600, 4500, 4600	G-VB-21	9600	6	4	120.65	2.385, 3.16, 3.16, 4.74	CRR, CRTFIS, N, CHSL-B	SGI, GCI, GCI, GCI
TD 100 G, TD 101 G	L 160, LM 4600	G-VB-22	9600	6	3	120.65	2.385, 3.16, 4.74	CRR, CRTF, CHSL-B	SGI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
TD 102 GA, TD 102 GC Euro 1, TD 102 KCE Euro 1, TD 102 KF Euro 1	A 28, A 30, L 150, L 150	G-VB-23	9600	6	3	120.65	2.385, 3.16, 4.74	CRR, CRTFIS, CHSL-B	SGI, GCI, GCI
TD 103 KAE Euro 2, TD 103 KBE Euro 2, TD 103 KCE Euro 2	A 30, L 150	G-VB-24	9600	6	3	120.65	2.15, 3.16, 4.74	CRFKIB, CRTFIS, CHSL-B	SGI, GCI, GCI
TD 120 G, TD 121 G, TD 121 K, TD 122 GA, TD 122 GH, TD 122 KE, TD 122 KHE, TJD 121 G	A 35, BM 425, L 190, L 30, P 505, R 32	G-VB-25	12000	6	3	130.175	2.385, 3.16, 4.75	CRR, CRTFIB, CHSL-B	SGI, GCI, GCI

Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
FC129J, FC161A	G-W-01		4	3	82.6	1 / 8", 1 / 8", 3 / 16"	CRTF, N, 3POR	GCI, GCI, S
FC129J, FC161A	G-W-02		4	3	82.6	1 / 8", 1 / 8", 3 / 16"	TF, N, 3POR	GCI, GCI, S
FC129J, FC161A	G-W-03		4	4	82.6	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRTF, N, N, 3POR	GCI, GCI, GCI, S
FC25E	G-W-04		4	4	82.6	3 / 32", 3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
6MS	G-W-05		1	4	95.3	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRTF, TF, TF, SOR	GCI, GCI, GCI, S
180GL	G-W-06	2048	4	4	88.9	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRTF, TF, TF, 3POR	GCI, GCI, GCI, S
180GK	G-W-07	2114	4	4	88.9	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRTF, TF, TF, 3POR	GCI, GCI, GCI, S
FC	G-W-08	2179	4	4	82.6	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRTF, N, N, 3POR	GCI, GCI, GCI, S
FK	G-W-09	2179	4	3	82.6	1 / 8", 1 / 8", 3 / 16"	CRTF, N, 3POR	GCI, GCI, S
FK	G-W-10	2179	4	3	82.6	1 / 8", 1 / 8", 3 / 16"	TF, N, 3POR	GCI, GCI, S
FC KEROSENE, FLEX	G-W-11	2179	4	3	82.6	1 / 8", 1 / 8", 3 / 16"	CRTF, N, 3POR	GCI, GCI, S
FC KEROSENE, FLEX	G-W-12	2179	4	3	82.6	1 / 8", 1 / 8", 3 / 16"	TF, N, 3POR	GCI, GCI, S
180GLB FLEX	G-W-13	2359	4	4	88.9	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRTF, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
155	G-W-14	2540	4	3	92.1	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
155	G-W-15	2540	4	4	92.1	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
180GKBC	G-W-16	2540	4	4	92.1	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
VRG155	G-W-17	2540	4	4	92.1	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, IBTF, 3POR	GCI, GCI, GCI, S

Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
155	G-W-18	2540	4	3	92.1	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
155	G-W-19	2540	4	4	92.1	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
180GKB FLEX	G-W-20	2540	4	4	92.1	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
VRD155	G-W-21	2540	4	4	92.1	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
180DKB	G-W-22	2540	4	4	92.1	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
D176G	G-W-23	2540	4	3	92.1	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, 3POR	GCI, GCI, S
185A	G-W-24	3539	6	4	84.1	1 / 8", 1 / 8", 1 / 8", 1 / 4"	IBTF, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
185GL, 185GLB	G-W-25	3539	6	4	88.9	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRTF, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
185KL	G-W-26	3539	6	4	88.9	1 / 8", 1 / 8", 1 / 8", 1 / 4"	CRTF, TF, TF, SOR	GCI, GCI, GCI, GCI
VRG220	G-W-27	3605	4	3	98.4	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, 3POR	SGI, GCI, S
VRD220S	G-W-28	3605	4	3	98.4	1 / 8", 3 / 32", 3 / 16"	CRFKIS, IBTF, CHSL-B	SGI, GCI, GCI
VRD220	G-W-29	3605	4	3	98.4	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, BSOR	GCI, GCI, GCI
YA	G-W-30	3801	4	4	95.3	3 / 16", 3 / 16", 3 / 16", 3 / 16",	CRTF, TF, TF, 3POR	GCI, GCI, GCI, S
VRG232	G-W-31	3801	6	4	92.1	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
VRD232	G-W-32	3801	6	4	92.1	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CRIB, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
6BL	G-W-33	4014	6	4	88.9	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRTF, IBTF, IBTF, 3POR	GCI, GCI, GCI, S
190GS	G-W-34	4342	6	4	88.9	1 / 8", 1 / 8", 1 / 8", 1 / 4"	CRTF, TF, TF, SOR	GCI, GCI, GCI, GCI

Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
190GLB FLEX	G-W-35	4342	6	4	95.3	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRTF, TF, TF, SOR	GCI, GCI, GCI, S
190GL, 190GLB	G-W-36	4342	6	4	95.3	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRTF, TF, TF, SOR	GCI, GCI, GCI, S
190DKB	G-W-37	4342	6	4	98.4	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CR, IBTF, IBTF, CHSL-B	GCI, GCI, GCI, GCI
6BK	G-W-38	4621	6	4	95.3	1 / 8", 1 / 8", 1 / 8", 3 / 16"	CRTF, TF, TF, SOR	GCI, GCI, GCI, S
F283DB	G-W-39	4637	6	3	98.4	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, BSOR	GCI, GCI, GCI
VRD283	G-W-40	4637	6	4	98.4	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CR, IBTF, IBTF, CHSL-B	GCI, GCI, GCI, GCI
VRD283	G-W-41	4637	6	3	98.4	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, BSOR	GCI, GCI, GCI
F283DL	G-W-42	4637	6	4	98.4	3 / 32", 3 / 32", 3 / 32", 3 / 16"	CR, IBTF, IBTF, CHSL-B	GCI, GCI, GCI, GCI
F310DBLT, F310DBT	G-W-43	5080	6	3	98.4	1 / 8", 3 / 32", 3 / 16"	CRFKIS, CRTFIB, CHSL-B	SGI, SGI, GCI
VRG310	G-W-44	5080	6	3	98.4	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, 3POR	SGI, GCI, S
F310DBA	G-W-45	5080	6	3	98.4	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, BSOR	GCI, GCI, GCI
VRD310	G-W-46	5080	6	3	98.4	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, BSOR	GCI, GCI, GCI
F310G	G-W-47	5080	6	3	98.4	3 / 32", 3 / 32", 3 / 16"	IBTF, IBTF, 3POR	GCI, GCI, S
VRG330	G-W-48	5450	6	3	98.4	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, 3POR	SGI, GCI, S
F554G	G-W-49	9078	6	5	117.5	1 / 8", 1 / 8", 1 / 8", 3 / 16", 3 / 16"	CR, IBTF, N, BSOR, BSOR	GCI, GCI, GCI, GCI, GCI
140GZB	G-W-50	9078	6	5	117.5	1 / 8", 1 / 8", 1 / 8", 3 / 16", 3 / 16"	CR, IBTF, N, BSOR, BSOR	GCI, GCI, GCI, GCI, GCI
140GZ FLEX	G-W-51	9078	6	5	117.5	1 / 8", 1 / 8", 1 / 8", 3 / 16", 3 / 16"	CR, IBTF, N, BSOR, BSOR	GCI, GCI, GCI, GCI, GCI

Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
F817G	G-W-52	13388	6	4	136.5	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CRIB, IBTF, IBTF, DBSOR	GCI, GCI, GCI, GCI
145GZB FLEX	G-W-53	13388	6	4	136.5	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CRIB, IBTF, IBTF, DBSOR	GCI, GCI, GCI, GCI
145GZ	G-W-54	13388	6	4	136.5	3 / 32", 3 / 32", 3 / 32", 1 / 4"	CRIB, IBTF, IBTF, DBSOR	GCI, GCI, GCI, GCI
F1197G	G-W-55	19599	6	4	158.8	3 / 16", 3 / 16", 1 / 4", 1 / 4"	CR, TF, CHSL-B, DBSOR	GCI, GCI, GCI, GCI
F1197G	G-W-56	19599	6	4	158.8	3 / 16", 3 / 16", 3 / 16", 1 / 4"	CR, TF, TF, DBSOR	GCI, GCI, GCI, GCI
6WAKC	G-W-57	19599	6	4	158.8	3 / 16", 3 / 16", 1 / 4", 1 / 4"	CR, TF, CHSL-B, DBSOR	GCI, GCI, GCI, GCI
6WAKC	G-W-58	19599	6	4	158.8	3 / 16", 3 / 16", 3 / 16", 1 / 4"	CR, TF, TF, DBSOR	GCI, GCI, GCI, GCI
6WAK, 6WAKB FLEX	G-W-59	19599	6	4	158.8	3 / 16", 3 / 16", 1 / 4", 1 / 4"	CR, TF, CHSL-B, DBSOR	GCI, GCI, GCI, GCI
6WAK, 6WAKB FLEX	G-W-60	19599	6	4	158.8	3 / 16", 3 / 16", 3 / 16", 1 / 4"	CR, TF, TF, DBSOR	GCI, GCI, GCI, GCI
F2895G	G-W-61	47424	6	4	215.9	3 / 16", 3 / 16", 3 / 16", 5 / 16"	CR, TF, TF, CHSL-B	GCI, GCI, GCI, GCI
F3521GL	G-W-62	57682	6	4	238.1	3 / 16", 3 / 16", 3 / 16", 3 / 8"	CR, TF, TF, CHSL-B	GCI, GCI, GCI, GCI
F3521G	G-W-63	57682	6	4	238.1	3 / 16", 3 / 16", 3 / 16", 3 / 8"	CR, TF, TF, CHSL-B	GCI, GCI, GCI, GCI
F3521GSI	G-W-64	57682	6	4	238.1	3 / 16", 3 / 16", 3 / 16", 3 / 8"	CR, TF, TF, CHSL-B	GCI, GCI, GCI, GCI
VRD330S	G-W-65	5340	6	3	98.4	1 / 8", 3 / 32", 3 / 16"	CRFKIS, IBTF, CHSL-B	SGI, GCI, GCI
VRG330	G-W-66	5340	6	3	98.4	3 / 32", 3 / 32", 3 / 16"	CR, IBTF, BSOR	GCI, GCI, GCI

Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
L5790G	G-W-67	94848	12	4	215.9	3 / 16", 3 / 16", 3 / 16", 5 / 16"	CR, TF, TF, CHSL-B	GCI, GCI, GCI, GCI
L7042G	G-W-68	115397	12	4	238.1	3 / 16", 3 / 16", 3 / 16", 3 / 8"	CR, TF, TF, CHSL-B	GCI, GCI, GCI, GCI
L7042G, L7042GL, L7042GSI	G-W-69	115397	12	4	238.1	3 / 16", 3 / 16", 3 / 16", 3 / 8"	CR, TF, TF, CHSL-B	GCI, GCI, GCI, GCI
P9390GL	G-W-70	153841	16	4	238.1	3 / 16", 3 / 16", 3 / 16", 3 / 8"	CR, TF, TF, CHSL-B	GCI, GCI, GCI, GCI
P9390G, P9390GSI	G-W-71	153841	16	4	238.1	3 / 16", 3 / 16", 3 / 16", 3 / 8"	CR, TF, TF, CHSL-B	GCI, GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
2001, 3001, 4011, 5501	2011, 2013, 2017, 2023, 2511, 3011, 3013, 3016, 3017, 3045, 4011, 4511, 5511, 5516, 5545, 5547, 5711, 5718, 5854, 5748	G-ZET-001	1560 & 2340 & 3120 & 4680	2, 3, 4, 6	4	95	3, 3, 3, 5	CR, CTF, N, BPSL	GCI, GCI, GCI, GCI
2001, 3001, 4001, 5501	Traktor 5511, 5516, 5545, 5547, 5711, 5718, 5845, 5748	G-ZET-002	1560 & 2340 & 3120 & 4680	2, 3, 4, 6	5	95	3, 3, 3, 5, 5	CR, CTF, N, BPSL, SOR	GCI, GCI, GCI, GCI, GCI
4701, 6201, 6001, 6701	Traktor 4711, 4712, 4718, 5911, 5945, 6711, 6718, 6745, 6748, 6011, 6045	G-ZET-003	2591 & 3556 & 3456 & 3456	3, 4, 4, 4	4	100	3, 3, 3, 5	CR, CTF, CTF, BPSL	GCI, GCI, GCI, GCI
4701, 6701	Traktor 4711, 5945, 6718	G-ZET-004	2591 & 3456	3, 4	5	100	3, 3, 3, 5, 5	CR, CTF, N, CHSL-B, SOR	GCI, GCI, GCI, GCI, GCI
5201, 4901, 7201, 6901	5211, 5245, 4911, 4945, 7011, 7045, 6211, 6911, 6245, 6945, 7211, 7245	G-ZET-005	2696 & 3595	3, 4	4	102	3, 3, 3, 5	CR, CTF, CTF, CHSL-B	GCI, GCI, GCI, GCI
5201, 7201, 7701	5211, 5245, 7211, 7245, 7711, 7745	G-ZET-006	2696 & 3595 & 3922	3, 4, 4	3	102	3, 3, 5	CR, CTF, CHSL-B	GCI, GCI, GCI
	25, 50	G-ZET-007	2075 & 4150	4, 6	3	105	3, 3, 5	CRFK, CIB, CHSL-B	SGI, GCI, GCI
GM 01, GZ 01, 8001, 8601	8001, 8401, 8011, 8045, 8611, 12011, 12045, 12145	G-ZET-008	3421 & 4562 & 6842	3, 4, 6	4	110	3, 3, 3, 6	CR, CTF, N, CHSL-B	GCI, GCI, GCI, GCI
8403, 8004, 8703, 8604		G-ZET-009		4, 4, 6, 6	3	110	3, 3, 4	CRFK, CTF, CHSL-B	SGI, GCI, GCI
8401, 8602	Traktor 10045, 16045	G-ZET-010	4562 & 6842	4, 6	3	110	3, 3, 6	CR, CTF, CHSL-B	GCI, GCI, GCI

Engine Model	Model	Grindlays Ref No	CC	No of Cylinder	No of Rings	Dia	Ring Thickness	Ring Type	Material
8401, 8402, 8602, 8701	Traktor 8111, 8145, 9111, 9145, 10111, 10145, 12111, 12145, 14145, 16145	G-ZET-011	4562 & 4562 & 6842 & 6842	4, 4, 6, 6	3	110	3, 3, 6	CR, CTF, CHSL-B	SGI, GCI, GCI
		G-DA-CH-081			3	130	3, 3, 4	CRFK, CTFIB, CHSL-B	SGI / S, GCI, GCI

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