

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
ALFA ROMEO												
1986-90	1779		1.8 L	4	VM82A, VM96A	TD 33 Turbo Diesel	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
2000-10	1910		1.9 L	4	AR 37101, 937 A2.000	JTD Turbo Diesel	82.00 3.228	2.50 2.00 2.00	217 BF CR DI 210 SCRPF TF PC DI 248 CF CR 881 2PCO	2C7340	1	STD
1998-01	1910		1.9 L	4	AR 32302	JTD Turbo Diesel	82.00 3.228	3.00 2.00 3.00	221 FKST CC DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2D7355	1	STD
2000-12	1910		1.9 L	4	192 A5.000, 192 B1.000 937 A4.000, 937 A5.000, 937 A6.000, 939 A2.000 AR 37101, 937 A2.000	JTD, JTD 16V, JTDM 16V JTDM 16V Q4 Turbo Diesel	82.00 3.228	2.00 2.00 2.00	205 BF CR DI 214 RVL PC DI 248 CF CR 881 2PCO	2D7366	1	STD
2009-On	1956		2.0 L	4	198 A5.000, 844 A2.000 939 B3.000, 939 B4.000 939 B5.000, 940 A4.000 940 A5.000, 940 A7.000 940 A8.000 Euro 5	159, Brera, Giulietta Diesel Eng Turbo Intercooled	83.00 3.268	1.50 1.50 2.00	239 BF CC DI 406 N PC DI 553 CF CR GI 881 2PCO	2D7528 2D752840	4	STD 0.40
1983-92	2393		2.4 L	4	VM14HT, VM81A	TD Alfetta, 75, 90 Turbo Diesel	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
1983-92	2393		2.4 L	4	VM14HT, VM81A	TD Alfetta, 75, 90 Turbo Diesel	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
1998-00	2387		2.4 L	5	AR 34202, AR 32501	JTD Turbo Diesel	82.00 3.228	3.00 2.00 3.00	221 FKST CC DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2D7355	1	STD
2000-08	2387		2.4 L	5	839.A600, AR 36202, 841 C.000	JTD Turbo Diesel	82.00 3.228	2.50 2.00 2.00	217 BF CR DI 210 SCRPF TF PC DI 248 CF CR 881 2PCO	2C7340	1	STD
2001-12	2387		2.4 L	5	939 A3.000, 841 N.000, 841 M.000, 841 H.000, 841 G.000, 839 A6.000, AR 36202, 841 C.000,	JTD, JTDM, JTDM 20V, Brera Spider Turbo Diesel	82.00 3.228	2.00 2.00 2.00	205 BF CR DI 214 RVL PC DI 248 CF CR 881 2PCO	2D7366	1	STD
1987-99	2500		2.5 L	4	VM07B, VM08B, VM31B, VM32B, VM84A	TD 155, 164 Turbo Diesel	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
1987-99	2500		2.5 L	4	VM07B, VM08B, VM31B, VM32B, VM84A	TD 155, 164 Turbo Diesel	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
1978-86	2445		2.5 L	4	8140.61.200, 8144.61, 8144.61.200	AR 8 Box, AR 8 Platform, AR 6 Box, AR 8 Furgone Diesel Eng	93.00 3.661	3.00 2.00 4.00	376 BF CR DI 401 SCRPF PC GI 200 CF PC GI 881 2PCO	2D9384	4	STD
ALLIS CHALMERS (Listed by Cylinder Diameter)												
				6	WD45	Diesel Eng	3 7/16	1/8 1/8 1/8 3/16 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO 501 1PCO PC GI	2C5102	6	STD
				4	G149	D 10, D12 SERIES II, III S/N 3501-ON D14, D15G, H3, I40, I400, 1400 10, 66,90, 72	3 1/2	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5117	4	STD
				6	D262, D262T	Diesel D17 SERIES III, IV, D19 Diesel A, B, R S/N 119460-on Diesel DD, TL10D, 12D	3 9/16	3/32 3/32 3/32 3/16 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO 501 1PCO PC GI	2C7136	6	STD
				6	D262 DA262D DA262	Diesel D17D, D17D Series IV Diesel A, B, R To S/N 119460 Diesel DD; TL10D 12D	3 9/16	1/8 1/8 1/8 3/16 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO 501 1PCO PC GI	2C7513	6	STD

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
ALLIS CHALMERS (Listed by Cylinder Diameter)												
				4	D2200	Diesel	3.877	3/32 3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7125	4	STD
				6	D2800 D2900 301 D2900 Sleeved Eng.	ONE-Eighty, One Ninety One-Ninety XT Turbo 7000 Turbo TL545, 545D, 545H Diesel Eng	3.877	3/32 3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7174	6	STD
				4	4.236	Perkins Diesel One-Seventy	3.877	3/32 3/32 3/32 1/4 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO 501 1PCO PC GI	2C7201	4	STD
				6	G2800	Gas or LPG One-Ninety XT TL545 GAS	3 7/8	3/32 3/32 3/32 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7703	6	STD
				4	W Genuine Slv Kit #S155, 156, 157; SA377, 379		4 1/8	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7580	4	STD
AUDI												
2000-05	1422		1.4 L	3	AMF, ATL, BHC	A2 TDI Diesel	79.50 3.130	1.75 2.00 3.00	205 BF CR DI 126 RVT PC GI 204 CF CR DI 881 2PCO	2D5854 2D585425 2D585450 2D5854100	1	STD 0.25 0.50 1.00
1978-91	1588		1.6 L	5	CR, CY, JK RA, SB	4000D Turbo Diesel	76.50 3.012	1.75 2.00 3.00	215 TBF CR DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7148 2C714850 2C7148100	1	STD 0.50 1.00
1989-10	1896		1.9 L	4	1Y,1Z, AAZ, ADE,AFF, AFN AGR, AHF, AHH, AHU, AJM, ALH,ANU, ASV, ASZ,ATD, ATJ, AVB, AVF, AVG,AWX AXR,BKC,BKE,BLS,BRB,BXE	A3, A4, A6,Avant, Quattro, Sportback Diesel	79.50 3.130	1.75 2.00 3.00	205 BF CR DI 126 RVT PC GI 204 CF CR DI 881 2PCO	2D5854 2D585425 2D585450 2D5854100	1	STD 0.25 0.50 1.00
1978-90	1986		2.0 L	5	CN	100 Diesel	76.50 3.012	1.75 2.00 3.00	362 BF 3CR GI 401 SCRPP PC GI 204 CF CR DI 881 2PCO	2D4498 2D449825 2D449850 2D449875 2D4498100	5	STD 0.25 0.50 0.75 1.00
1978-89	1986		2.0 L	5	DE, NC	Turbo Diesel	76.50 3.012	1.75 2.00 3.00	215 TBF CR DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7148 2C714850 2C7148100	1	STD 0.50 1.00
2003-07	1968		2.0 L	4	BDK, BLB, BMM, BNA BPW,BRD, BVA, BVF, BVG	A3, A4 SOHC TDi Turbo Diesel	81.00 3.189	1.75 2.00 3.00	205 BF CR DI 130 RVT PC GI 204 CF CR DI 881 2PCO	2D7282 2D728250	1	STD 0.50
2012-on	1968		2.0 L		CRBC, CRLB, CRBD, CRFA, CRFC, CUNA	A3 Tdi Turbo Diesel	81.00 3.189	1.75 2.00 2.00	363 BF CR GI 130 RVT PC GI 203 CF GN SS 881 2PCO	2C7487	1	STD
1984-92	1994		2.0 L	5	HP, JS, KP, PS, RT, SK, SL	20L 90, Quattro, Coupe	81.00 3.189	1.50 1.70 3.00	335 T PM DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D4541 2D454150 2D454175	5	STD 0.50 0.75
1982-92	2226		2.2 L	5	1B, 2B, HX, HY, JT, KM, KU,KZ, MC, RR,KV, KX,	80, 90, 100, 200, Avant, Quattro	81.00 3.189	1.50 1.70 3.00	335 T PM DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D4541 2D454150 2D454175	5	STD 0.50 0.75
1997-03	2400		2.4 L	6	BDV, AML, AGA, AJG, APC, APS, ASM, ARN AMM, ALW, ALF	A4, A6 Turbo Diesel	81.00 3.189	1.50 1.50 2.00	327 BF PM GI 401 SCRPP PC GI 203 CF GN SS 881 2PCO	2D5020	6	STD
1989-94	2370		2.4 L	5	3D, AAS	100, Avant, Transporter Diesel	79.50 3.130	1.75 2.00 3.00	205 BF CR DI 126 RVT PC GI 204 CF CR DI 881 2PCO	2D5854 2D585425 2D585450 2D5854100	1	STD 0.25 0.50 1.00
2000-06	2496		2.5 L	6	BCZ, BDG, BDH, BFC DOHC TDi	Turbo Diesel	78.30 3.083	1.75 2.00 3.00	205 BF CR DI 214 RVT PC DI 204 CF CR DI 881 2PCO	2D7284	1	STD

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AUDI												
1990-97	2461		2.5 L	5	AAT, ABP, AEL	TDi Avant, Estate Turbo Diesel	81.00 3.189	2.50 2.00 3.00	212 TBF CC DI 130 RVT PC GI 204 CF CR DI 881 2PCO	2D7476 2D747650	1	STD 0.50
2007-On	2698		2.7 L	6	CAMA, CAMB, CANA CANB, CANC, CAPA CGKA, CGKB	A4, A5, A6 Turbo Diesel	83.00 3.268	1.75 2.00 3.00	239 BF CC DI 123 RVT PC DI 204 CF CR DI 881 2PCO	2D7534 2D753425 2D753450	6	STD 0.25 0.50
2005-12	2967		3.0 L	6	CAND, CASB, CATA, CDYB DOHC	A6, Q7 Diesel Eng	83.00 3.268	2.00 2.00 3.00	239 BF CC DI 123 RVT PC DI 204 CF CR DI 881 2PCO	2D7435 2D743525 2D743550	1	STD 0.25 0.50
2007-11	2967		3.0 L	6	CAPA, CASA, CCLA CCMA, CCWA, CCWB CDYA, CDYC	A4, A5, Q5, Q7 Turbo Diesel	83.00 3.268	1.75 2.00 3.00	239 BF CC DI 123 RVT PC DI 204 CF CR DI 881 2PCO	2D7534 2D753425 2D753450	6	STD 0.25 0.50
BMW												
2003-06	1364		1.4 L	4	1ND, 1ND-TV	Mini One D Diesel Eng	73.00 2.874	1.50 1.50 3.00	239 BF CC DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D5856	1	STD
1999-07	1951		2.0 L	4	E46, M47	320d, 520d Turbo Diesel	84.00 3.307	3.00 2.00 3.00	221 FKST CC DI 406 N PC DI 203 CF GN SS 881 2PCO	2D7279 2D727925	1	STD 0.25
2005-13	1995		2.0 L	4	N47 D2 A, N47 D20B N47 D20C, N47 SD20D	1, 3, 5, X1, X3 Diesel Eng	84.00 3.307	1.75 1.75 2.00	322 BF GN SS 406 N PC DI 248 CF CR 881 2PCO	2D7816 2D781625 2D781650	1	STD 0.25 0.50
2001-11	1995		2.0 L	4	M47 N204D4	3 Series, X3 Turbo Diesel	84.00 3.307	3.00 2.00 2.00	221 FKST CC DI 210 SCRPF TF PC DI 248 CF CR 881 2PCO	2D7299 2D729925	1	STD 0.25
2000-04	2497		2.5 L	6	M57 D25	Turbo Diesel	80.00 3.150	3.00 2.00 3.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7357	1	STD
2000-04	2497		2.5 L	6	M57 D25	525d Turbo Diesel	80.00 3.150	2.50 2.00 3.00	205 BF CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2D7412	1	STD
1999-07	2926		2.9 L	6	M57	330d, 330xd, 530d, 730d Turbo Diesel	84.00 3.307	3.00 2.00 3.00	221 FKST CC DI 406 N PC DI 203 CF GN SS 881 2PCO	2D7279 2D727925	1	STD 0.25
2003-On	2993		3.0 L	6	M57 D30, M57 306D5, M47 N204D5	5 (E60) , X3, 3 Touring (E91) Turbo Diesel	84.00 3.307	3.00 2.00 2.00	221 FKST CC DI 210 SCRPF TF PC DI 248 CF CR 881 2PCO	2D7299 2D729925	1	STD 0.25
2002-On	2993		3.0 L	6	M57 N306D2 Euro 4	330d, 330xd, 330Cd, 730d Turbo Diesel	84.00 3.307	2.50 2.00 3.00	217 BF CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7288	1	STD
2003-11	2993		3.0 L	6	M57 306D3, M57 D30(306D3), M57 N2306D3, M57 TU2D30 Euro 4	325d,325xd, 330d,525d, 525xd Turbo Diesel	84.00 3.307	2.50 2.00 2.00	205 BF CR DI 202 TTF PC DI 248 CF CR 881 2PCO	2D7374	1	STD
2003-On	2993		3.0 L	6	M57 D30, M57 306D5, M47 N204D5	5 (E60) , X3, 3 Touring (E91) Turbo Diesel	84.00 3.307	3.00 2.00 2.00	221 FKST CC DI 210 SCRPF TF PC DI 248 CF CR 881 2PCO	2D7299 2D729925	1	STD 0.25
BUDA- (Listed by Cylinder Diameter)												
				6	6BD230	Diesel Eng	3 7/16	1/8 1/8 1/8 3/16 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO 501 1PCO PC GI	2C5102	6	STD
				6	DA262	Diesel Eng	3 9/16	1/8 1/8 1/8 3/16 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO 501 1PCO PC GI	2C7513	6	STD
				6	H298, HM298, HM298R, HP298, HPM298, HPM298R, K315, 6B273 4 Ring Piston	Diesel Eng.	3 3/4	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5028	6	STD

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BUDA- (Listed by Cylinder Diameter)												
				6	6DT389	Diesel Eng	3 7/8	1/8 1/8 1/8 3/16 3/16	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	4064	6	STD
									362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI	2C4064	6	STD
				4 6 8	4MO645 M858, 6MO893,6MO970 8MO1290, 8MOS1290		5 5/8	1/8 1/8 1/8 1/4 1/4	363 BF CR GI 102 T PC GI 102 T PC GI 501 1PCO PC GI 825 2PCO 501 1PCO PC GI	2C5343	1	STD
				4 6	4DC645 6DC893, 6DC970	Diesel Eng	5 5/8	1/8 1/8 1/8 1/4 1/4	363 BF CR GI 102 T PC GI 102 T PC GI 501 1PCO PC GI 825 2PCO 501 1PCO PC GI	2C5343	1	STD
CASE-Combines (Listed by Cylinder Diameter)												
				4	SP9 Case Sleeved Eng.		3 1/2	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5117	4	STD
				4	188D	600,660,115,011,551,000 Diesel Eng	3 13/16	1/8 3/32 3/16	372 FKST CR DI 126 RVT PC GI 860 FV CR 732 FV CR	2C7134	4	STD
				4	A251S Gas or LPG Sleeved Eng.	150, 800, 1000	4.000	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD
				4	A267D Sleeved Eng.	800, 1000 Diesel Eng	4 1/8	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7580	4	STD
CASE-Engines (Listed by Cylinder Diameter)												
				4	G153.9 Sleeved Eng.		3 1/2	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5117	4	STD
				4	GD157 Continental Sleeved Eng.	G148, G148B	3 3/8	1/8 1/8 1/8 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D7536	4	STD
				4	G188D Sleeved Eng.	Diesel Eng	3 13/16	1/8 3/32 3/16	372 FKST CR DI 126 RVT PC GI 860 FV CR 732 FV CR	2C7134	4	STD
				6	A377, A377D, A377S Sleeved Eng.		4.000	3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7656	6	STD
				4	A251S Sleeved Eng.		4.000	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD
				4	A267D 4-267 Sleeved Eng.	Gas & Diesel	4 1/8	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7580	4	STD

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CASE-Engines (Listed by Cylinder Diameter)												
				6	A401, A401D Sleeved Eng.		4 1/8	3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7124	6	STD
CASE-Tractors (Listed by Cylinder Diameter)												
				4	GD157 Continental Sleeved Eng.	300, 300B, 301, 301B,302B, 320,320DB, 400B, DT34 Series Diesel Eng	3 3/8	1/8 1/8 1/8 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D7536	4	STD
				4	153.9 Sleeved Eng.	S, SC, SE, SI, SL, SO To S/N 8027115	3 1/2	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5117	4	STD
			3.1 L	4	G188D Sleeved Eng.	After May 1, 1961 310E, 310F, 3.1 Litre 310G, 350, 420C,430,470,480B,480CK, 500LK,530,530C,531,570,W3 580,580B,580CK,LCK,P50	3 13/16	1/8 3/32 3/16	372 FKST CR DI 126 RVT PC GI 860 FV CR 732 FV CR	2C7134	4	STD
				6	A377G, A377S Sleeved Eng.	W8B, W8C, W8E, W9B, W9C, W9E, W10B, W10C, W10E Loaders 500, 610, 900, 910, 930CK, 930GP, 930WS, 940, 970	4.000	3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7656	6	STD
				6	A377D Sleeved Eng.	LAD, 500, 520, 600, 620, 920 Diesel Eng	4.000	3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7656	6	STD
				4	A251S Sleeved Eng.	C, 400, 420, 425, 680, 680CK 700,710,725,730, 730C, 740 770, 800, 810 Gas & LPG Eng.s	4.000	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD
				4	251 Sleeved Eng.	400 1956 Only Diesel Eng	4.000	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD
				4	A267D Sleeved Eng.	680, 680B, 680CK, 700, 720, 730, 730C, 750, 770, 800, 1000, 400 Super Diesel Eng	4 1/8	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7580	4	STD
				6	A401D Sleeved Eng.	Diesel Eng	4 1/8	3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7124	6	STD
CASE-Tractors Increased Bore sleeves (Listed by Cylinder Diameter)												
				4	VA Eng. Sleeved Eng.	Allied Sleeve Kit #WSA309 M & W Gear #SP201 Sealed Power #SL1776 Thompson #SA166 White Machine #G223HCH Genuine Sleeve Kit #S149	3 3/8	1/8 1/8 1/8 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D7536	4	STD
				4	G165 Sleeved Eng.	M & W Add Power Piston Allied Sleeve Kit #WSC310 Basic #BA252 Ertel Sleeve Kit #SA205 Genuine Sleeve Kit #S143 McQuay Norris #SA188 Sealed Power #SL1982 Thompson #SA167 White Machine #G217HCH	3 5/8	3/32 3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7581	4	STD
				4	A125 Sleeved Eng.	Allied Sleeve Kit #WSA306 Ertel Sleeve Kit #SA202, 203 Genuine Sleeve Kit#S140,141 White Machine #G203AC Thompson #SA172 McQuay Norris #SA176	4.000	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD

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Caterpillar- Listed by cyl diameter												
		441	7.2L	6	C7	Inline 6, 4-Stroke-Cycle Diesel Eng.	110.00 4.331	3.50 3.00 4.00	208 FKST CC DI 277 RVT TF CR DI 560 CF CR GI 881 2PCO	2D5306	6	STD
				8		3208 Individual 2 Ring Piston OE Set Ref. #2S8265 OE Ref. #9L6233, Oil 2W8045	4 1/2	1/8 1/8 7/64	220 TBF PM DI 553 CF CR GI 881 2PCO	2D7473 2D7473020 2D7473030 2D7473040	1	STD 0.50 0.75 1.00
				8		3208 OE Set Ref. #199-9872 3 Ring Piston Keystone Comp Ring	4 1/2	1/8 1/8 7/64	224 FKST PM DI 170 FKST PC GI 553 CF CR GI 881 2PCO	2D7493 2D7493020 2D7493040	1	STD 0.50 1.00
				8		3208 3 Ring Piston (Rectangular rings) OE Set Ref. #2W8265-3R	4 1/2	3/32 3/32 3/16	215 TBF CR DI 135 T PC GI 553 CF CR GI 881 2PCO	2D7524 2D7524020	1	STD 0.50
				6 8	Sleeved Eng.	D353, G353 D379, D398, G379, G398 Diesel Eng	6 1/4	1/8 3/32 1/4	363 BF CR GI 349 RVT CR GI 565 CF CR GI 881 2PCO	2C7195	2	STD
CHRYSLER-Cars												
2011-On	1956		2.0 L	4	198 A5.000	Delta 2.0 D Multijet Diesel Eng Turbo Intercooled	83.00 3.268	1.50 1.50 2.00	239 BF CC DI 406 N PC DI 553 CF CR GI 881 2PCO	2D7528 2D752840	4	STD 0.40
1992-95	2499		2.5 L	4	M00(HR425CL) VM425HR, (M51), VM425HR(M52)	TD, CRD,TD Voyager Turbo Diesel	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
CITROEN												
2002-On	1399		1.4 L	4	8 HX, 8 HY DV4 TD D4V TED 4	C 1, C 2, C 3, Xsara 1.4 HDi Diesel Eng	73.70 2.902	2.50 1.95 2.50	213 FKST CC DI 209 RVT PC DI 248 CF CR 881 2PCO	2D7270 2D727025 2D727050	1	STD 0.25 0.50
1995-03	1527		1.5 L	4	TUD 5, ATMO	AX, Saxo, Xsara, ZX Diesel Eng	77.00 3.031	2.00 1.75 3.00	363 BF CR GI 102 T PC GI 553 CF CR GI 881 2PCO	2D4981 2D498125 2D498150 2D4981100	4	STD 0.25 0.50 1.00
2004-08	1560		1.6 L	4	9HZ, DV6TED, DV6TED4	C3, C4, C5 HDi Turbo Diesel	75.00 2.953	3.00 1.95 2.50	213 FKST CC DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2D7254 2D725450	1	STD 0.50
2005-On	1560		1.6 L	4	DV6BTED4, DV6BUTED4 DV6C, DV6DBM (9HE) DV6DTED, DV6ETEDM DV6ETED (9HW)	Berlingo 1.6, C3, C4, C5 Diesel Eng Incl. Turbo	75.00 2.953	2.50 1.95 2.00	271 FKST BF CC DI 406 N PC DI 248 CF CR 881 2PCO	2D7431 2D743125 2D743150	4	STD 0.25 0.50
1983-02	1905		1.9 L	4	DJY, D9B, XUD9A	Diesel Eng	83.00 3.268	2.00 2.00 3.00	239 BF CC DI 123 RVT PC DI 204 CF CR DI 881 2PCO	2D7435 2D743525 2D743550	1	STD 0.25 0.50
1998-05	1868		1.9 L	4	DW 8, DW 8 B, WJY, WJZ	Berlingo, Xsara Diesel Eng	82.20 3.236	2.00 2.00 3.00	205 BF CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2D5858 2D585850	1	STD 0.50
1991-On	1905		1.9 L	4	XUD 9, XUD 9 A	Expert, Jumpy, Jumper, Berlingo, Xsara,BX, ZX, C25, Xantia, Relay, Dispatch,Evasion, Exprt Diesel Eng	83.00 3.268	2.00 2.00 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 204 CF CR DI 881 2PCO	4865 4865020 2D4865 2D486550	4	STD 0.50 STD 0.50
1992-03	1905		1.9 L	4	XUD9BSD, XUD9BTF, XUD9SD, SUD9TE, XUD9TF, XUD9UF	Evasion,Jumper Box, Xantia, ZX Turbo Diesel	83.00 3.268	3.50 2.00 3.00	224 FKST PM DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2M7157	1	STD
1992-03	1905		1.9 L	4	XUD9BSD, XUD9BTF, XUD9SD, XUD9TE, XUD9TF	Evasion,Jumper Box, Xantia, ZX Turbo Diesel	83.00 3.268	3.00 2.00 3.00	221 FKST CC DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2D7351	1	STD
2009-18	1997		2.0 L	4	AHR, AHV, AHW, AHX, RHC, RHD, RHE, RHH	C4, C5, DS5, Jumpy Diesel Eng	85.00 3.346	2.00 2.00 2.00	272 HKST BF CC DI 123 RVT PC DI 248 CF CR 881 2PCO	2D4143 2D414360	4	STD 0.60

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
CITROEN												
1999-08	1999		2.0 L	4	DW 10 TD, RHY, RHZ, DW 10 ATED, DW 10 ATED 4	C5, HDi Berlinço, Xsara, Zantia Turbo Diesel	85.00 3.346	3.50 2.00 3.00	213 FKST CC DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2D7176 2D717660	1	STD 0.60
2001-04	2179		2.2 L	4	DW12TED, DW 12 TED4	HDi Break, Estate Turbo Diesel	85.00 3.346	3.50 2.00 3.00	213 FKST CC DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2D7176 2D717660	1	STD 0.60
2007-On	2179		2.2 L	4	DW12C (4HL), DW12MTED4 (4HN)	C5, C-Crosser Diesel Eng	85.00 3.346	2.50 2.00 2.00	273 FKST BF CC DI 126 RVT PC GI 248 CF CR 881 2PCO	2D7549 2D754925 2D754950	4	STD 0.25 0.50
1978-94	2498		2.5 L	4	B25637,CRD93L,CRD93B M22-629, M25-629, M25-637, M25-660	CX I, CXII, C25, C35	93.00 3.661	2.50 2.00 4.00	335 T PM DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D9349 2D934950 2D934975	4	STD 0.50 0.75
1992-02	2798		2.8 L	4	8140.43 (F28D)	Jumper Diesel	94.40 3.716	3.00 2.00 2.50	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7449	1	STD
2000-10	2798		2.8 L	4	8140.43N, 8140.43S, F28TDCR	Jumper w/2.5mm Keystone top grv. Turbo Diesel	94.40 3.716	2.50 2.00 2.50	233 FKST PM DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2M7450	1	STD
CONTINENTAL (Listed by Cylinder Diameter)												
				4		G157 AI Piston GD157-Diesel Eng	3 3/8	1/8 1/8 1/8 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D7536	4	STD
CUMMINS												
	3900	239	3.9 L	4	4BT	Turbo Diesel	102.00 4.016	3.00 2.35 4.00	208 FKST CC DI 135 T PC GI 553 CF CR GI 881 2PCO	2C4936	4	STD
2008-On	3922		3.9 L	4	4BT-G3, 4B, 4B3.9M, 4BT, 4BT3.9M	AMW Series 2500 2516HL AMW Series 2500 2516TM Turbo Diesel OE Ref. #3802750	102.00 4.016	3.00 3.00 4.00	208 FKST CC DI 170 FKST PC GI 553 CF CR GI 881 2PCO	2D7484 2D7484020 2D7484040	1	STD 0.50 1.00
1999-02	5880		5.9 L	6	6 BT	12 Valve/ 24 Valve Turbo Diesel	102.00 4.016	3.00 2.35 4.00	208 FKST CC DI 135 T PC GI 553 CF CR GI 881 2PCO	2D4914 2D491450 2D491475 2D4914100	6	STD 0.50 0.75 1.00
2004-07	5880	359	5.9 L	6	6 BT5.9, 6 BTA	AMW Series 12 Valve/ 24 Valve Turbo Diesel OE Ref#3804990/4089258	102.00 4.016	3.00 2.39 4.00	208 FKST CC DI 129 T PC 553 CF CR GI 881 2PCO	2D7276 2D727650 2D7276100	6	STD 0.50 1.00
2008-On	5883		5.9 L	6	6B5.9, 6BT5.9, 6BTA-5.9	AMW Series 2500 2516HL AMW Series 2500 2516TM Turbo Diesel OE Ref. #3802750	102.00 4.016	3.00 3.00 4.00	208 FKST CC DI 170 FKST PC GI 553 CF CR GI 881 2PCO	2D7484 2D7484020 2D7484040	1	STD 0.50 1.00
	5880	359	5.9 L	6	B Series	Non Turbo, 12valve Naturally Aspirated OE Ref.#3802040 Diesel Eng	102.00 4.016	2.40 2.35 4.00	205 BF CR DI 135 T PC GI 553 CF CR GI 881 2PCO	2D7518 2D7518020 2D7518040	1	STD 0.50 1.00
2007-17	6700	408	6.7 L	6	ETJ, EJK, ISB 200 Vin. C,A,L	OE Ref. #4955366 Turbo Diesel	107.00 4.213	2.87 2.50 3.46	224 FKST PM DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2M5872 2M587250 2M5872100	6	STD 0.50 1.00
					12 cu. ft.	Compressor Diesel Eng	3 7/16	3/32 3/32 3/16	032 BF PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	6588 2C6588	1 1	STD STD
					13.2 cu. ft. Sleeved Eng.	Compressor Diesel Eng	3 5/8	1/8 1/8 3/16	126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	5838 5838010 2C5838	1 1	STD 0.25 STD

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
CUMMINS												
				6	95,100 H.P. 105, 110 H.P. 125, 130 H.P. 150, 160 H.P. 165, 175 H.P. 175 H.P.	J, J6 JF, JF6 JN, JN6 JS, JS6 JNS, JNS6 JT, JT6, JT10, JT15, JT20 Diesel Eng	4 1/8	1/8 1/8 1/8 3/16	372 FKST CR DI 170 FKST PC GI 170 FKST PC GI 565 CF CR GI 881 2PCO	2C6016	6	STD
				6	165, 175 H.P. 180 H.P. 180, 190 H.P. 225, 240 H.P. 200 H.P. 375 H.P. 220 H.P. 275 H.P. 180 H.P. 195 H.P. 300, 320 H.P. 275, 290 H.P. 300 H.P. 335, 375 H.P. 250 H.P. 400, 450 H.P. Sleeved Eng.	HR, HR6 HR600, HRB1600, HRF, HRF6, IRB600 HRF20, HRF6-20 HRS, HRS6 HT6, NH, NH10, NH20 NFT, NFT6 NH220 NHBS600 NHE180 NHE195 NHHS, NHHS, NHR, NHR6, NHR6 NHS, NHS6 NHS600, NRT, NRT6, NRT20 NRTO, NRTO6 NT, NT6, NT20 NVH, NVH12 Diesel Eng	5 1/8	5/32 5/32 5/32 1/4	381 FKST CR DI 180 FKST PC GI 180 FKST PC GI 579 CF KST CR GI 881 2PCO	2C6500	6	STD
DODGE TRUCKS												
1983-87	2343	143	2.3 L	4	4D55	Ram, D50 Diesel Eng	91.10 3.587	2.50 2.00 4.00	370 HKST 3CR GI 370 HKST 3CR GI 204 CF CR DI 881 2PCO	2D5666 2D566650 2D566675 2D5666100	4	STD 0.50 0.75 1.00
2003-10	2685	165	2.7 L	5	OM 612, OM 647 Mercedes Eng.	Sprinter 20 V Turbo Diesel L5	88.00 3.465	2.50 2.00 3.00	212 TBF CC DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2D7291 2D729150	1	STD 0.50
2007-09	2987		3.0 L	6	EXM	Sprinter Diesel Eng	83.00 3.268	2.00 2.00 2.00	240 FKST CC DI 126 RVT PC GI 248 CF CR 881 2PCO	2D7367	1	STD
1989-03	5883	359	5.9 L	6	6B-5.9, 6BT 5.9 Vin; C,D, 7, Z Cummins Eng. 12V, 24V incl Turbo	D250, D350, Ram2500, 3500 W250, W350 OE Ref. #3802421 Diesel Eng	102.00 4.016	3.00 2.35 4.00	208 FKST CC DI 135 T PC GI 553 CF CR GI 881 2PCO	2D4914 2D491450 2D491475 2D4914100	6	STD 0.50 0.75 1.00
2004-07	5883	359	5.9 L	6	6B-5.9, 4B-5.9 12V, 24V Cummins Eng. incl Turbo	Ram 2500, 3500, 4000 OE Ref #3804990/4089258 Diesel Eng 2nd ring increased gap	102.00 4.016	3.00 2.39 4.00	208 FKST CC DI 129 T PC 553 CF CR GI 881 2PCO	2D7276 2D727650 2D7276100	6	STD 0.50 1.00
2007-17	6700	408	6.7 L	6	ETJ, ETK Vin. A,L	RAM 2500, 3500, 4500,5500 Turbo/Intercooled Cummins OE Ref. #4955366 Diesel	107.00 4.213	2.87 2.50 3.46	224 FKST PM DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2M5872 2M587250 2M5872100	6	STD 0.50 1.00
FIAT												
2008-On	1248		1.3 L	4	199 B2.000 Euro 5 199 B4.000 Euro 5	500L, Punto Turbo Diesel	69.60 2.740	1.50 1.50 2.00	239 BF CC DI 123 RVT PC DI 248 CF CR 881 2PCO	2D7836 2D783640	4	STD 0.40
2003-12	1248		1.3 L	4	169 A1.000 188 A8.000 199 A2.000	500, 500C, Panda Doblo,Panda, Idea, Punto,Siena Fiorino, Doblo, Punto	69.60 2.740	2.00 1.50 2.00	205 BF CR DI 206 TF PC DI 248 CF CR 881 2PCO	2D7101 2D710140 2D710160	1	STD 0.40 0.60
2007-On	1560		1.6 L	4	9HU	Chassis, Scudo Turbo Diesel	75.00 2.953	3.00 1.95 2.50	213 FKST CC DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2D7254 2D725450	1	STD 0.50
1998-06	1868		1.9 L	4	DW8, WJY, WJZ	Scudo Box Diesel Eng	82.20 3.236	2.00 2.00 3.00	205 BF CR DI 210 SCRP TF PC DI 204 CF CR DI 881 2PCO	2D5858 2D585850	1	STD 0.50
1995-06	1905		1.9 L	4	D8B, DHX, XUD9TE	Turbo Diesel w/3.50mm Keystone top grv.	83.00 3.268	3.50 2.00 3.00	224 FKST PM DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2M7157	1	STD
1995-On	1905		1.9 L	4	D8B, DHX XUD9BTF, XUD9TE, XUD9TF DOHC	Scudo, Ducato Ulysee Turbo Diesel	83.00 3.268	3.00 2.00 3.00	221 FKST CC DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2D7351	1	STD

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FIAT												
1993-02	1905		1.9 L	4	DJY, XUD9A DOHC	Diesel Eng	83.00 3.268	2.00 2.00 3.00	239 BF CC DI 123 RVT PC DI 204 CF CR DI 881 2PCO	2D7435 2D743525 2D743550	1	STD 0.25 0.50
1999-09	1910		1.9 L	4	223 A6.000, 192 A3.000 188 A7.000, 186 A6.000 188 A3.000, 188 A2.000	Marea, Multipla, Palio, Punto, Stilo, Doblo, Siena, Strada Turbo Diesel	82.00 3.228	2.50 2.00 2.00	217 BF CR DI 210 SCRPF TF PC DI 248 CF CR 881 2PCO	2C7340	1	STD
1996-02	1910		1.9 L	4	182 A7.000, 182 A8.000 SOHC	Brava, Marea, Multipla Marea TD 125 Turbo Diesel	82.00 3.228	3.00 2.00 3.00	221 FKST CC DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2D7259	1	STD
1998-10	1910		1.9 L	4	182 B4.000	Brava, Marea, Multipla Marea Turbo Diesel	82.00 3.228	3.00 2.00 3.00	221 FKST CC DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2D7355	1	STD
1997-10	1910		1.9 L	4	192A5.000, 192B1.000, 937A4.000, 937A5.000, 937A6.000, 939A2.000 182B9.000, 186A6.000, 186A8.000, 188A2.000, 188A3.000, 188A7.000, 192A1.000, 192A1.000, 186A9.000, 188B2.000, 939A3.000, 223A6.000 192A8.000, 199A5.00, 223A7.000, 937A7.000, D19AA	Bravo,Croma,Doblo,Multipla, Marea, Palio, Punto, Stilo Turbo Diesel	82.00 3.228	2.00 2.00 2.00	205 BF CR DI 214 RVL PC DI 248 CF CR 881 2PCO	2D7366	1	STD
2006-On	1956		2.0 L	4	198 A5.000, 250 A1.000 263 A1.000, 844 A2.000 939 B5.000, 940 A5.000 D20AA Euro 5	Bravo, Ducato, Freemont Sedici 2.0 D Multijet Diesel Eng Turbo Intercooled	83.00 3.268	1.50 1.50 2.00	239 BF CC DI 406 N PC DI 553 CF CR GI 881 2PCO	2D7528 2D752840	4	STD 0.40
2010-On	1997		2.0 L	4	RH02 RHC, RHD, RHE, RHH	Scudo Diesel Eng	85.00 3.346	2.00 2.00 2.00	272 HKST BF CC DI 123 RVT PC DI 248 CF CR 881 2PCO	2D4143 2D414360	4	STD 0.60
1999-11	1997		2.0 L	4	RHR, RHK, DW10	Scudo, Ulysse Ulysse Turbo Diesel	85.00 3.346	3.50 2.00 3.00	213 FKST CC DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2D7176 2D717660	1	STD 0.60
2002-06	2179		2.2 L	4	4W, 4HX	Scudo, Ulysse Ulysse Turbo Diesel	85.00 3.346	3.50 2.00 3.00	213 FKST CC DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2D7176 2D717660	1	STD 0.60
2002-10	2286		2.3 L	4	F1AE0481C, F1AE0481D F1AE0481N, F1AE0481T	Ducato Euro 3 Turbo Diesel	88.00 3.465	2.50 2.00 2.50	221 FKST CC DI 206 TF PC DI 204 CF CR DI 881 2PCO	2D7138	1	STD
1999-02	2387		2.4 L	5	185 A6.000, 839 A5.000	Brava, Marea, Multipla Marea Turbo Diesel	82.00 3.228	3.00 2.00 3.00	221 FKST CC DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2D7355	1	STD
2005-On	2387		2.4 L	5	939 A3.000	CROMA Multijet Turbo Diesel Turbo Diesel	82.00 3.228	2.00 2.00 2.00	205 BF CR DI 214 RVL PC DI 248 CF CR 881 2PCO	2D7366	1	STD
1996-99	2387		2.4 L	5	185 A2.000 SOHC	Brava, Marea Marea TD 125 Turbo Diesel	82.00 3.228	3.00 2.00 3.00	221 FKST CC DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2D7259	1	STD
			2.5 L	4	131, 132	Daily Diesel Eng	93.00 3.661	3.00 2.00 4.00	376 BF CR DI 401 SCRPF PC GI 200 CF PC GI 881 2PCO	2D9384	4	STD
1998-02	2798		2.8 L	4	8140.63	Chassis,Ducato w/3.0mm Keystone top grv. Turbo Diesel	94.40 3.716	3.00 2.00 2.50	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7449	1	STD
1997-02	2800		2.8 L	4	8140.43N, 8140.43S	Ducato w/2.5mm Keystone top grv. Turbo Diesel	94.40 3.716	2.50 2.00 2.50	233 FKST PM DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2M7450	1	STD
1997-02	2800		2.8 L	4	8140.43	Ducato w/3.0mm Keystone top grv. Turbo Diesel	94.40 3.716	3.00 2.00 3.00	225 FKST CR DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7353	1	STD
2006-11	2998		3.0 L	4	F1CE DOHC	Ceramic Chrome Keystone top ring w/2 pc oil ring Turbo Diesel	95.80 3.772	2.50 2.00 2.50	221 FKST CC DI 206 TF PC DI 204 CF CR DI 881 2PCO	2D7347	1	STD

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
FORD MOTORS												
1998-07	1753		1.8 L	4	BHDA, BHDB, C9DA, C9DB, C9DC F9DA, F9DB, FFDA, KKDA SOHC	Focus TDCi Turbo Diesel	82.50 3.248	2.50 2.00 3.00	211 HKST CC DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2D7104 2D710450	1	STD 0.50
1984-88	2000	122	2.0 L	4		Diesel Eng	86.00 3.386	2.00 2.00 4.00	336 T PM DI 435 SCRPF PC GI 553 CF CR GI 881 2PCO	2D4210	4	STD
FORD TRUCKS												
2006-11	2499		2.5 L	4	BT-50 WL-C Mazda Eng.	TDI Diesel (Check Ring Widths)	93.00 3.661	2.00 1.50 2.00	326 TBF GN SS 236 TF CR DI 203 CF GN SS 881 2PCO	2D7277	4	STD
2003-10	5950	363	6.0 L	8	VT 365 International Eng.	Power Stroke Diesel incl. Turbo Special 2nd Ring gap .055 to .065	95.00 3.740	2.30 2.00 3.50	378 FKST BF CC DI 129 T PC 553 CF CR GI 881 2PCO	2D5374 2D537425 2D537450 2D537475 2D5374100	8	STD 0.25 0.50 0.75 1.00
2008-11	6408	391	6.4 L	8	Vin: R	32V Turbo V8 Power Stroke Diesel Eng	98.20 3.866	2.50 2.00 3.00	208 FKST CC DI 129 T PC 553 CF CR GI 881 2PCO	2D5741 2D574125 2D574150 2D574175	8	STD 0.25 0.50 0.75
2011-On		398	6.4 L	8	Maxxforce 7	Turbo diesel	98.20 3.866	2.50 2.00 2.50	208 FKST CC DI 129 T PC 203 CF GN SS 881 2PCO	2D5287 2D528725 2D528750 2D528775 2D5287100	8	STD 0.25 0.50 0.75 1.00
1969-On	6572	401	6.6 L	6	OHV	7A Series, L-6 3 Ring Mahle Piston #1495 Turbo Diesel	4.400	1/8 3/32 3/16	372 FKST CR DI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7014	6	STD
2011-17	6654	406	6.7 L	8	Vin:T OHV	32V Power Stroke Turbo direct injection	99.00 3.897	3.00 2.00 2.50	208 FKST CC DI 409 TFN CI 203 CF GN SS 881 2PCO	2D5853 2D585325 2D585350 2D585375 2D5853100	8	STD 0.25 0.50 0.75 1.00
1983-88	6884	420	6.9 L	8		Diesel Eng	4.000	5/64 5/64 7/64	336 T PM DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D5693 2D569325 2D569350 2D569375 2D5693100 2D5693150	8	STD 0.25 0.50 0.75 1.00 1.50
1983-88	6884	420	6.9 L	8		Diesel Eng Special .060 to .070 gap 2nd ring	4.000	5/64 5/64 7/64	336 T PM DI 130 RVT PC GI 553 CF CR GI 881 2PCO	2D5697 2D569725 2D569750 2D569775 2D5697100 2D5697150	8	STD 0.25 0.50 0.75 1.00 1.50
1989-95	7294	445	7.3 L	8		Diesel Navistar Non Turbo Spec .062 to .072 gap 2nd ring	104.40 4.110	3.00 2.00 3.50	336 T PM DI 130 RVT PC GI 553 CF CR GI 881 2PCO	2M4741 2M4741020 2M4741030 2M4741040	8	STD 0.50 0.75 1.00
1993-94	7294	445	7.3 L	8	Vin: C,K	16V Diesel Navistar Indirect Injection Power Stroke Turbo Spec .045 to .065 gap 2nd ring	104.40 4.110	3.16 2.52 3.50	224 FKST PM DI 227 FKST CR DI 553 CF CR GI 881 2PCO	2M4873 2M4873020 2M4873030 2M4873040	8	STD 0.50 0.75 1.00
1994-04	7294	445	7.3 L	8		Diesel Navistar Turbo Direct Injection Spec .062 to .072 gap 2nd ring	104.40 4.110	3.00 2.00 3.50	260 FKST BF CC DI 129 T PC 553 CF CR GI 881 2PCO	2D4882 2D488225 2D488250 2D488275 2D4882100	8	STD 0.25 0.50 0.75 1.00
1991-On	7785	475	7.8 L	6	OHV	7A Series, L-6 3 Ring Mahle Piston #1495 Turbo Diesel	4.400	1/8 3/32 3/16	372 FKST CR DI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7014	6	STD
1975-92		636	10.4 L	8		2 Ring Piston	4 1/2	1/8 1/8 7/64	220 TBF PM DI 553 CF CR GI 881 2PCO	2D7473 2D7473020 2D7473030 2D7473040	1	STD 0.50 0.75 1.00

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
FORD TRACTORS												
	2360	144	2.4 L	4		501, 601, 701, 2000, 3000 Diesel Eng	3 9/16	3/32 3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO	2C7106 2C7106040	4	STD 1.00
	2590	158	2.6 L	3	D Eng.	2000 Diesel Eng	4.200	3/32 3/32 3/32 3/16	362 BF 3CR GI 362 BF 3CR GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7182	1	STD
	2819	172	2.8 L	4		801, 841, 901, 1801, 4000D Diesel Eng	3.900	3/32 3/32 3/32 3/16 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO 501 1PCO PC GI	2C7999	4	STD
	2868	175	2.9 L	3	D Eng.	3000 Diesel Eng	4.200	3/32 3/32 3/32 3/16	362 BF 3CR GI 362 BF 3CR GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7182	1	STD
	3294	201	3.3 L	3 6	D Eng.	4000 8000 Diesel Eng	4.400	3/32 3/32 3/32 3/16	362 BF 3CR GI 362 BF 3CR GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7180	3	STD
	3819	233	3.8 L	4	D Eng.	5000 Diesel Eng	4.200	3/32 3/32 3/32 3/16	362 BF 3CR GI 362 BF 3CR GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7182	1	STD
				4		5000 Super Major Diesel	4.400	3/32 3/32 3/32 3/16	362 BF 3CR GI 362 BF 3CR GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7210	4	STD
	3966	242	4.0 L	6		6000 Diesel Eng	3 5/8	3/32 3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO	2C7153	6	STD
	4196	256	4.2 L	4		7000 Series 4 ring Zolner#3225 Piston Diesel Eng	4.400	1/8 3/32 3/32 3/16	372 FKST CR DI 126 RVT PC GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C4728	4	STD
			6.6 L	6	401DT	8000, 9000 Series Zollner Piston #3225 Turbocharged 4 ring Piston	4.400	1/8 3/32 3/32 3/16	372 FKST CR DI 126 RVT PC GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7012	6	STD
FORD INDUSTRIAL												
	2590	158	2.6 L	3	158DF	Diesel Eng	4.200	3/32 3/32 3/32 3/16	362 BF 3CR GI 362 BF 3CR GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7182	1	STD
	2819	172	2.8 L	4	DD172	5 Grv Piston	3.900	3/32 3/32 3/32 3/16 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO 501 1PCO PC GI	2C7999	4	STD
	2868	175	2.9 L	3	175DF	Diesel Eng	4.200	3/32 3/32 3/32 3/16	362 BF 3CR GI 362 BF 3CR GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7182	1	STD
	3294	201	3.3 L	3	201DF	Turbo Diesel	4.400	3/32 3/32 3/32 3/16	362 BF 3CR GI 362 BF 3CR GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7180	3	STD
	4163	254	4.2 L	4	254DF	Dorset Diesel Eng	4 7/32	3/32 3/32 3/32 3/16	362 BF 3CR GI 362 BF 3CR GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D7246 2D7246020	2	STD 0.50

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
FORD INDUSTRIAL												
	4196	256	4.2 L	4	256DF	Diesel Eng	4.400	3/32 3/32 3/32 3/16	362 BF 3CR GI 362 BF 3CR GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7210	4	STD
	6228	380	6.2 L	6	380DF	Dorset Diesel Eng	4 7/32	3/32 3/32 3/32 3/16	362 BF 3CR GI 362 BF 3CR GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D7246 2D7246020	2	STD 0.50
	6572	401	6.6 L	6	401DF, 401DFT	Turbo Diesel	4.400	3/32 3/32 3/32 3/16	362 BF 3CR GI 362 BF 3CR GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7180	3	STD
FORD EUROPEAN												
2001-On	1399		1.4 L	4	F6JA, F6JB	Turbo Diesel	73.70 2.902	2.50 1.95 2.50	213 FKST CC DI 209 RVT PC DI 248 CF CR 881 2PCO	2D7270 2D727025 2D727050	1	STD 0.25 0.50
2005-On	1560		1.6 L	4	T1BA, T1BB, T1BC T1DA, T1DB, T3DA T3JA, T3JB, TZJA, TZJB (Duratorq TDCI)	Focus, Fiesta Van, Mondeo Diesel Eng Incl. Turbo	75.00 2.953	2.50 1.95 2.00	271 FKST BF CC DI 406 N PC DI 248 CF CR 881 2PCO	2D7431 2D743125 2D743150	4	STD 0.25 0.50
2003-On	1560		1.6 L	4	G8DA, G8DB, HHDA, HHDB, HHJA, HHJB	Turbo Diesel	75.00 2.953	3.00 2.00 2.50	213 FKST CC DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2D7254 2D725450	1	STD 0.50
1998-07	1753		1.8 L	4	BHDA, BHDB, C9DA, C9DB, C9DC, F9DA, F9DB, FFDA, KKDA SOHC	Focus TDCi Turbo Diesel	82.50 3.248	2.50 2.00 3.00	211 HKST CC DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2D7104 2D710450	1	STD 0.50
1993-01	1753		1.8 L	4	RFA, RFB, RFL, RFD, RFK, RFM, RFN, RFS, RFU, RVA SOHC	Mondeo Turbo Diesel	82.50 3.248	2.50 2.00 3.00	238 FKST CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7133	1	STD
1988-01	1753		1.8 L	4	RTE, RTF, RTH, RTA, RTC, RTD, RTG, RTJ, RTK, D18 RT, RTB SOHC	Courier, Escort, Fiesta, Orion Diesel Eng	82.50 3.248	2.00 2.00 3.00	217 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7538	1	STD
2006-15	1997		2.0 L	4	QXWA, QXWB, QXWC, TXDA, TXDB, UKWA	C MAX, Cuga, Escape, S-Max Diesel Eng	85.00 3.346	2.50 2.00 2.00	273 FKST BF CC DI 126 RVT PC GI 248 CF CR 881 2PCO	2D7549 2D754925 2D754950	4	STD 0.25 0.50
2003-07	1997		2.0 L	4	G6DA, G6DB, G6DD	Turbo Diesel Duratorq	85.00 3.346	3.50 2.00 3.00	213 FKST CC DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2D7176 2D717660	1	STD 0.60
2000-07	1998		2.0 L	4	ABFA, D3FA, D5BA, D6BA, F3FA, F1FA, FMBA, HJBA, HJBB, HJBC,N7BA DOHC	Mondeo III Turbo Diesel	86.00 3.386	2.50 2.00 3.00	211 HKST CC DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2D7145	1	STD
2000-07	1998		2.0 L	4	ABFA, D3FA, D5BA, D6BA, F3FA, F1FA, FMBA, HJBA, HJBB, HJBC,N7BA DOHC	Mondeo III Turbo Diesel	86.00 3.386	2.00 2.00 3.00	212 TBF CC DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2D7365	1	STD
2000-07	1998		2.0 L	4	ABFA, D3FA, D5BA, D6BA, F3FA, F1FA, FMBA, HJBA, HJBB, HJBC,N7BA DOHC	Mondeo III Turbo Diesel	86.00 3.386	2.00 2.00 2.00	212 TBF CC DI 210 SCRPF TF PC DI 248 CF CR 881 2PCO	2D7451 2D745150	1	STD 0.50
2007-On	2179		2.2 L	4	KNBA, KNBB, KNWA KNWB (Duratorq TDCI)	Mondeo, Galaxy Diesel Eng	85.00 3.346	2.50 2.00 2.00	273 FKST BF CC DI 126 RVT PC GI 248 CF CR 881 2PCO	2D7549 2D754925 2D754950	4	STD 0.25 0.50
1996-06	2402		2.4 L	4	D2FA/B/E, D4FA, DT24H DT24N, DT24P F4FA, FXFA DI DOHC	Turbo Diesel	89.90 3.539	2.50 2.00 3.00	211 HKST CC DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2D7368 2D736850	1	STD 0.50
2000-07	2402		2.4 L	4	DOFA, H9FA, H9FB, JXFA, PHFA, PHFC TCI DOHC	Turbo Diesel	89.90 3.539	2.00 2.00 2.00	205 BF CR DI 234 SCRPF TF PC DI 248 CF CR 881 2PCO	2D7377 2D737750	1	STD 0.50
1993-98	2500		2.5 L	4	SCB, SCC, VM	Scorpio Turbo Diesel	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
GENERAL MOTORS- Cars												
2005-11	1991		2.0 L	4	Z 20DM, Z20 DHM, Z20S, Z 20S1	Captiva, Cruze, Epica, Nubira Diesel	83.00 3.268	2.00 2.00 3.00	227 FKST CR DI 123 RVT PC DI 203 CF GN SS 881 2PCO	2D7810 2D781050	4	STD 0.50
GENERAL MOTORS-Trucks												
1969-76	5900	360	5.9 L	6		GMC	4 1/8	3/32 3/32 3/32 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7124	6	STD
1982-95	6210	379	6.2 L	8		GMC Diesel Eng Incl Turbo 2nd ring gap .029 - .039	101.05 3.978	3.00 2.00 4.00	372 FKST CR DI 130 RVT PC GI 553 CF CR GI 881 2PCO	2D4975 2D497550 2D497575 2D4975100 2D4975150	8	STD 0.50 0.75 1.00 1.50
1982-95	6210	379	6.2 L	8		GMC Diesel Eng Incl Turbo	101.05 3.978	3.00 2.00 4.00	372 FKST CR DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D5655 2D565550 2D565575 2D5655100 2D5655150	8	STD 0.50 0.75 1.00 1.50
1992-06	6473	395	6.5 L	8	L57, L65 Vin: F,S,Y	GMC Diesel Eng Incl Turbo 2nd ring gap .029 - .039	103.00 4.055	3.00 2.00 4.00	378 FKST BF CC DI 130 RVT PC GI 553 CF CR GI 881 2PCO	2D4744 2D474450 2D474475 2D4744100 2D4744150	8	STD 0.50 0.75 1.00 1.50
2001-15	6603	403	6.6 L	8	VIN:1,2,3,8,D,L OHV	V8 32V Duramax Diesel Eng	103.00 4.055	3.00 2.00 3.00	259 FKST BF GN SS 257 TF CR DI 203 CF GN SS 881 2PCO	2D4845 2D484550 2D4845100	8	STD 0.50 1.00
HERCULES (Listed by Cylinder Diameter)												
				6	JXD, JXDF, JXDT, JXDTR, WXC, WXG, WXH, WXHC, WXLC	Diesel Eng	4.000	1/8 1/8 1/8 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4007	6	STD
				3 4 6	D1700 D2300 D3400	Diesel Eng	4.000	1/8 3/32 3/16	372 FKST CR DI 126 RVT PC GI 860 FV CR 732 FV CR	2C5622 2C5622020 2C5622040	1	STD 0.50 1.00
HONDA												
1996-02	1994		2.0 L	4	20T2N, 20T2R	Accord, Civic Diesel Eng	84.45 3.325	3.00 2.00 3.00	378 FKST BF CC DI 406 N PC DI 553 CF CR GI 881 2PCO	2D7803 2D780350	1	STD 0.50
	2204		2.2 L	4	N22A1, N22A2 DOHC	Turbo Diesel w/2 pc oil ring	85.00 3.346	2.00 2.00 3.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7425	1	STD
2004-On	2204		2.2 L	4	N22A1, N22A2 DOHC	Accord, Civic, CR-V Turbo Diesel	85.00 3.346	2.50 1.50 2.00	274 FKST BF SS GI 406 N PC DI 203 CF GN SS 881 2PCO	2D7811	4	STD
HYUNDAI												
2001-10	1493		1.5 L	3	D3EA	Accent, Getz, Matrix Elantra, i30, Santa Fe, Tucson CRDi Diesel Eng	83.00 3.268	2.00 2.00 3.00	213 FKST CC DI 223 RVT CR DI 204 CF CR DI 881 2PCO	2D7468	1	STD
2007-17	1582		1.6 L	4	D4FB	Accent, Creta, Elantra i30, Kona	77.20 3.039	1.75 1.75 3.00	326 TBF GN SS 257 TF CR DI 203 CF GN SS 881 2PCO	2D7821 2D782125 2D782150	4	STD
1998-00	1905		1.9 L	4	DJY SOHC	lantra II Diesel Eng	83.00 3.268	2.00 2.00 3.00	239 BF CC DI 123 RVT PC DI 204 CF CR DI 881 2PCO	2D7435 2D743525 2D743550	1	STD 0.25 0.50
2001-11	1991		2.0 L	4	D4EA	Accent, Getz, Matrix Elantra, i30, Santa Fe, Tucson CRDi Diesel Eng	83.00 3.268	2.00 2.00 3.00	213 FKST CC DI 223 RVT CR DI 204 CF CR DI 881 2PCO	2D7468	1	STD
2010-On	1995		2.0 L		D4HA DOHC	Tucson, IX35 Diesel Eng	84.00 3.307	2.50 2.00 3.00	241 FKST CC DI 214 RVT PC DI 204 CF CR DI 881 2PCO	2D7455	1	STD

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
HYUNDAI												
2002-11	2188		2.2 L		D4EB-F, D4EB-G SOHC	Santa FE CRDI Diesel Eng	87.00 3.425	2.50 2.00 3.00	222 FKST CC DI 214 RVT PC DI 204 CF CR DI 881 2PCO	2D7495	1	STD
	2346		2.3 L	4	4D55T	Gallopier Turbo Diesel	91.10 3.587	2.50 2.00 4.00	243 HKST PM DI 235 HKST CR DI 204 CF CR DI 881 2PCO	2M7338 2M733850 2M7338100	1	STD 1.25 2.50
1980-86	2346		2.3 L	4	4D55 SOHC	Gallopier Jeep Diesel Eng	91.10 3.587	2.50 2.00 4.00	231 BF PM DI 236 TF CR DI 204 CF CR DI 881 2PCO	2M7379	1	STD
1980-86	2346		2.3 L	4	4D55 SOHC	Gallopier Jeep Diesel Eng	91.10 3.587	2.00 2.00 4.00	226 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7454	1	STD
2001-07	2497		2.5 L	4	D4CB Euro 4	H-1, Porter Diesel Eng	91.00 3.583	2.50 2.00 3.00	211 HKST CC DI 257 TF CR DI 203 CF GN SS 881 2PCO	2D7522 2D752250	4	STD 0.50
1991-On	2476		2.5 L	4	4D56T, 4D56TDi	Gallopier I 2.5 TD Turbo Diesel	91.10 3.587	2.50 2.00 4.00	243 HKST PM DI 235 HKST CR DI 204 CF CR DI 881 2PCO	2M7338 2M733850 2M7338100	1	STD 1.25 2.50
	2476		2.5 L	4	D4BX SOHC	8V Diesel Eng	91.10 3.587	2.50 2.00 4.00	231 BF PM DI 236 TF CR DI 204 CF CR DI 881 2PCO	2M7379	1	STD
1993-07	2476		2.5 L	4	D4BA, D4BB, D4BC	Porter- H100 Diesel Eng	91.10 3.587	2.00 2.00 3.00	336 T PM DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D5042 2D504250 2D504275	4	STD 0.50 0.75
	2476		2.5 L	4	D4BX SOHC	8V Diesel Eng	91.10 3.587	2.00 2.00 4.00	226 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7454	1	STD
2002-On	2497		2.5 L	4	D4CB DOHC	H100 TCi w/Keystone top grv. Diesel Eng	91.00 3.583	2.50 2.00 3.00	211 HKST CC DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7361	1	STD
2001-06	2902		2.9 L	4	J3 TCi, J3 CRDi SOHC	Terracan Diesel Eng	97.10 3.823	2.50 2.00 3.00	211 HKST CC DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2D7492	1	STD
2001-06	2902		2.9 L	4	J3 TCi SOHC	Terracan Diesel Eng	97.10 3.823	2.00 2.00 3.00	232 HKST CR DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7401	1	STD
INTERNATIONAL-Construction & Industrial (Listed by Cylinder Diameter)												
				4	C264 Sleeved Eng.	T6-61 Gas or LPG Eng.	4.000	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD
INTERNATIONAL-Engines & Power Units (Listed by Cylinder Diameter)												
				4 6	UD166 UD236, UD282 Sleeved Eng.	1/8" Half Keystone Top Ring	3 11/16	1/8 1/8 1/4	394 HKST CR DI 126 RVT PC GI 860 FV CR 732 FV CR	2C7114	2	STD
				6	U21, PA50 Sleeved Eng.	Diesel Eng	3 3/4	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5028	6	STD
				4	U264 Sleeved Eng.	Late Piston	4.000	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
INTERNATIONAL-Tractors (Listed by Cylinder Diameter)												
				4	D166 D188 D236 D282	TD340 Crawler 2444, 2500, 3514 460D, 606, 2606, 3616D 560D, 656D, 660D, 706, 2656D, 2706 1/8" Half Kyst Top Ring Diesel Eng	3 11/16	1/8 1/8 1/4	394 HKST CR DI 126 RVT PC GI 860 FV CR 732 FV CR	2C7114	2	STD
				4	D239, DT239, 544, I544, 574	Diesel Eng	3 7/8	1/8 3/32 3/16	372 FKST CR DI 126 RVT PC GI 860 FV CR 732 FV CR	2C5319	4	STD
				4	C264 Sleeved Eng.	Super M, M, M-TA, MV, W6 Gas or LPG Eng.	4.000	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD
				4	C281 C281 Sleeved Eng.	400, 450, W450 Super M, M, MTA, MV, W6 Gas or LPG Eng.	4 1/8	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7580	4	STD
INTERNATIONAL-Tractors Increase Bore Sleeve (Listed by Cylinder Diameter)												
				4	C248 Eng. IHC Eng. Sleeved Eng.	M & W Sleeve Kit Power Pkg. Incre. Bore Kit Superior Piston #A1011 Sealed Power #SL1741 McQuay Norris #SA193	4.000	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD
				4	C264 Eng. Sleeved Eng.	M & W Sleeve Kit Sealed Power #SL1758,1761 Super M, MV White Machine Kit #G271H, Super M, 400 Basic Sleeve Kit #BA163,164 Ertel Sleeve Kit #SA217 Genuine Parts #S171, 173 McQuay Norris #SA172, 244, 252, 253, 254	4 1/8	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7580	4	STD
INTERNATIONAL-Trucks & Engines (Listed by Cylinder Diameter)												
				6	Sleeved Eng.	FBB3, FBB223, FBB298 Diesel Eng	3 3/4	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5028	6	STD
	6883	420	6.9 L	8		Diesel Eng	4.000	5/64 5/64 7/64	336 T PM DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D5693 2D569325 2D569350 2D569375 2D5693100 2D5693150	8	STD 0.25 0.50 0.75 1.00 1.50
	6883	420	6.9 L	8		Diesel Eng Special .060 to .070 gap 2nd ring	4.000	5/64 5/64 7/64	336 T PM DI 130 RVT PC GI 553 CF CR GI 881 2PCO	2D5697 2D569725 2D569750 2D569775 2D5697100 2D5697150	8	STD 0.25 0.50 0.75 1.00 1.50
	9013	550	9.0 L	8		DV550, B, S/N 15828-on, Zollner Piston #4185, 4253, 4288 Zollner Piston #4307C Use .010 Oversize for Std Diesel Eng	4 1/2	1/8 3/32 3/16	372 FKST CR DI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C4305 2C4305010 2C4305020	8	STD 0.25 0.50
ISUZU												
1974-90	1488		1.5 L	4	4EC1 4EC1T	Gemini Gemini Turbo Diesel Eng	76.00 2.992	2.00 1.50 3.00	362 BF 3CR GI 435 SCRPP PC GI 054 FV CR 732 FV CR	2C4751 2C4751020 2C4751030 2C4751040	4	STD 0.50 0.75 1.00
1990-93	1686		1.7 L	4	4EE1 DOHC	Gemini, Stylus Turbo Diesel	79.00 3.110	2.00 1.50 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR 335 T PM DI 126 RVT PC GI 204 CF CR DI 881 2PCO	4758 4758020 2D4758 2D475850 2D4758100	4	STD 0.50 STD 0.50 1.00

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
ISUZU												
1990-93	1686		1.7 L	4	4EE1 DOHC	Gemini, Stylus Turbo Diesel w/2pc Oil	79.00 3.110	2.00 1.50 3.00	217 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7424	1	STD
	1951		2.0 L	4	C190	Faster/Holden Rodeo, Florian	86.00 3.386	2.50 2.00 5.00	362 BF 3CR GI 435 SCRPP PC GI 553 CF CR GI 881 2PCO	2D4390 2D439025	4	STD 0.25
	2369		2.4 L	4	C240	Faster/Holden Rodeo, Florian	86.00 3.386	2.50 2.00 5.00	362 BF 3CR GI 435 SCRPP PC GI 553 CF CR GI 881 2PCO	2D4390 2D439025	4	STD 0.25
1983-90	2499		2.5 L	4	4JA1	Campo Turbo Diesel Chrome Sleeves use 7384 only	93.00 3.661	2.00 2.00 4.00	252 BF PC GI 218 TF PC DI 200 CF PC GI 881 2PCO 217 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	7384 2C7384	1	STD STD
2004-13	2499		2.5 L	4	4JK1-TC	D-Max	95.40 3.756	2.00 1.50 3.00	232 HKST CR DI 435 SCRPP PC GI 203 CF GN SS 881 2PCO	2D7225	4	STD
1985-03	2772		2.7 L	4	4JB1, 4JB1-T	Elf Box, Chassis, Trooper Turbo Diesel Chrome Sleeves use 7384 only	93.00 3.661	2.00 2.00 4.00	252 BF PC GI 218 TF PC DI 200 CF PC GI 881 2PCO 217 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	7384 2C7384	1	STD STD
2004-13	2999		3.0 L	4	4JJ1-TC	Rodeo	95.40 3.756	2.00 1.50 3.00	232 HKST CR DI 435 SCRPP PC GI 203 CF GN SS 881 2PCO	2D7225	4	STD
	3059		3.1 L	4	4JH1	Faster, Rodeo D-Max Diesel Eng Chrome Plated Cylinder	95.40 3.756	2.50 2.00 3.00	110 BF PC DI 435 SCRPP PC GI 203 CF GN SS 881 2PCO	2D7188	4	STD
2009-On	5193		5.2 L	4	4HK1TC OHC	ELF 400, 450, 500, 600 Turbo Diesel	115.00 4.527	3.00 2.50 4.00	370 HKST 3CR GI 401 SCRPP PC GI 553 CF CR GI 881 2PCO	2C7456	4	STD
IVECO												
	2287		2.3 L	4	F1AE	Turbo Diesel	88.00 3.465	2.50 2.00 2.50	221 FKST CC DI 206 TF PC DI 204 CF CR DI 881 2PCO	2D7138	1	STD
	2998		3.0 L	4	F1CE	441A, 481A Turbo Diesel	95.80 3.772	2.50 2.00 2.50	221 FKST CC DI 206 TF PC DI 204 CF CR DI 881 2PCO	2D7347	1	STD
	2798		2.8 L	4	8140.23, 8140.43, 8140.43C	Turbo Diesel	94.40 3.716	3.00 2.00 3.00	225 FKST CR DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7353	1	STD
	2798		2.8 L	4	8140.63 Euro, Sofim	Turbo Diesel	94.40 3.716	3.00 2.00 2.50	225 FKST CR DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2C7449	1	STD
1999-06	2798		2.8 L	4	8140.23, 8140.43, 8140.43C	Turbo Diesel	94.40 3.716	2.50 2.00 2.50	233 FKST PM DI 210 SCRPP TF PC DI 204 CF CR DI 881 2PCO	2M7450	1	STD
JAGUAR												
2011-On	2179		2.2 L	4	224DT	XF Diesel Eng Incl. Turbo	85.00 3.346	2.50 2.00 2.00	273 FKST BF CC DI 126 RVT PC GI 248 CF CR 881 2PCO	2D7549 2D754925 2D754950	4	STD 0.25 0.50
JEEP												
2010-on	2143		2.2 L	4	OM 651.925 Mercedes Eng	Compass Diesel Eng	83.00 3.268	2.00 1.75 2.00	255 TBF CC DI 123 RVT PC DI 248 CF CR 881 2PCO	2D7440 2D744025 2D744050	4	STD 0.25 0.50

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
JOHN DEERE-Combines (Listed by Cylinder Diameter)												
	2376	145	2.4 L	4	HC145G 45 Hi-Lo Sleeved Eng.		3 5/8	3/32 3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7581	4	STD
				4 6	HA341G 105	4 Cyl. & 6 Cyl.	4 1/4	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7675 2C7675020 2C7675045	2	STD 0.50 1.13
	4064	248	4.1 L	4 4 6	HC165 Gas 45 Hi-Lo 55, 95, 105 Sleeved Eng.	Diesel, Gas, LPG 4 Ring Piston	3 7/8	3/32 3/32 3/32 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO	2C7118	2	STD
				4	55, 95, 105	3 Ring Piston	3 7/8	3/32 3/32 3/16	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7158	2	STD
JOHN DEERE-Engine & Power Units (Listed by Cylinder Diameter)												
				4 4	145 Series HA145 Sleeved Eng.	Gas & Diesel	3 5/8	3/32 3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7581	4	STD
				4 6	165 Series 248 Series Sleeved Eng.	Gas & Diesel Gas, LPG & Diesel	3 7/8	3/32 3/32 3/32 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO	2C7118	2	STD
				4	HA341G		4 1/4	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7675 2C7675020 2C7675045	2	STD 0.50 1.13
				2	R	Diesel	5 3/4	1/8 1/8 1/8 1/8 1/8 1/4 1/4	362 BF 3CR GI 102 T PC GI 102 T PC GI 102 T PC GI 102 T PC GI 710 FV CR 732 FV CR 825 2PCO 501 1PCO PC GI	2C7784 2C7784125	2	STD 3.13
JOHN DEERE-Tractors (Listed by Cylinder Diameter)												
				4	Sleeved Eng.	1010 Diesel From S/N 42000, 3 Ring Piston	3 5/8	3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO	2C7155	4	STD
	2376	145	2.4 L	4	2010 550, 660 1010 Sleeved Eng.	Gas & Diesel To S/N 41999, Diesel 4 Ring Piston	3 5/8	3/32 3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7581	4	STD
	2704	165	2.7 L	4		2010, To S/N 29018 Diesel	3 7/8	3/32 3/32 3/32 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 501 1PCO PC GI 825 2PCO	2C7118	2	STD
	2704	165	2.7 L	4		Diesel 2010, From S/N 29019 3 Ring Piston	3 7/8	3/32 3/32 3/16	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7158	2	STD
	3720	227	3.7 L	4	Sleeved Eng.	JD500 Diesel JD600 Diesel	4 1/4	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7675 2C7675020 2C7675045	2	STD 0.50 1.13
	4425	270	4.4 L	4	Sleeved Eng.	JD500 Diesel JD600 Diesel	4 1/4	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7675 2C7675020 2C7675045	2	STD 0.50 1.13

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
JOHN DEERE-Tractors (Listed by Cylinder Diameter)												
	5588	341	5.6 L	6	Sleeved Eng.	JD500 Diesel JD600 Diesel	4 1/4	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7675 2C7675020 2C7675045	2	STD 0.50 1.13
	6620	404	6.6 L	6	Sleeved Eng.	JD500 Diesel JD600 Diesel	4 1/4	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7675 2C7675020 2C7675045	2	STD 0.50 1.13
	6883	420	6.9 L	2	Sleeved Eng.	JD500 Diesel JD600 Diesel	4 1/4	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7675 2C7675020 2C7675045	2	STD 0.50 1.13
	7046	430	7.0 L	2	Sleeved Eng.	JD500 Diesel JD600 Diesel	4 1/4	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7675 2C7675020 2C7675045	2	STD 0.50 1.13
	7210	440	7.2 L	2	Sleeved Eng.	JD500 Diesel JD600 Diesel	4 1/4	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7675 2C7675020 2C7675045	2	STD 0.50 1.13
	6571	401	6.6 L	6		401DT Diesel 9000 Turbo	4.400	1/8 3/32 3/32 3/16	372 FKST CR DI 126 RVT PC GI 126 RVT PC GI 565 CF CR GI 881 2PCO	2C7012	6	STD
				2		R, Own R Diesel	5 3/4	1/8 1/8 1/8 1/8 1/4	362 BF 3CR GI 102 T PC GI 102 T PC GI 102 T PC GI 102 T PC GI 710 FV CR 732 FV CR 825 2PCO 501 1PCO PC GI	2C7784 2C7784125	2	STD 3.13
				2 2 2		70D, 70DH, 70DS, 720D, 720DS To S/N 7214899 70 Gas or LPG 70, 70H, 70S 80, 820 Diesel To S/N 8203099	6 1/8	1/8 1/8 1/8 1/8 1/4	362 BF 3CR GI 102 T PC GI 102 T PC GI 102 T PC GI 102 T PC GI 501 1PCO PC GI 825 2PCO 501 1PCO PC GI	2C7674 2C7674045 2C7674120	2	STD 1.13 3.00
				2 2		720D, 720DH, 720DS, 730D, 730H, 730DS From S/N 7214900 820 Diesel From S/N 8203100; 830, 840 Diesel	6 1/8	5/32 1/8 1/8 1/8 1/4	381 FKST CR DI 102 T PC GI 102 T PC GI 102 T PC GI 501 1PCO PC GI 825 2PCO 501 1PCO PC GI	2C7690	2	STD
KERMATH												
				6		Herc. JXD Sea Rover	4.000	1/8 1/8 1/8 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4007	6	STD
KIA												
	1493		1.5 L	3	D3EA	Getz, Accent,Matrix Carens , Cee'D, Sportage, Magenti Diesel Eng	83.00 3.268	2.00 2.00 3.00	213 FKST CC DI 223 RVT CR DI 204 CF CR DI 881 2PCO	2D7468	1	STD
2004-12	1991		2.0 L		D4EA	Getz, Accent,Matrix Carens , Cee'D, Sportage, Magenti Diesel Eng	83.00 3.268	2.00 2.00 3.00	213 FKST CC DI 223 RVT CR DI 204 CF CR DI 881 2PCO	2D7468	1	STD
2002-On	2497		2.5 L	4	D4CB Euro 4	Sorento I 2.5 CRDi Diesel Eng	91.00 3.583	2.50 2.00 3.00	211 HKST CC DI 257 TF CR DI 203 CF GN SS 881 2PCO	2D7522 2D752250	4	STD 0.50
1997-03	2665		2.7 L	4	J2 SOHC	K2700, Bongo, Pregio Diesel Eng	94.50 3.720	2.00 2.00 3.00	336 T PM DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D5040 2D504050	4	STD 0.50

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
LADA												
1999-On	1905		1.9 L	4	XUD9SD	Diesel Eng	83.00 3.268	3.00 2.00 3.00	221 FKST CC DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2D7351	1	STD
1993-On	1905		1.9 L	4	XUD9A	Diesel Eng	83.00 3.268	2.00 2.00 3.00	239 BF CC DI 123 RVT PC DI 204 CF CR DI 881 2PCO	2D7435 2D743525 2D743550	1	STD 0.25 0.50
MASSEY-FERGUSON- Increased Bore Sleeve (Listed by Cylinder Diameter)												
				4		Continental H260 Eng. M & W Slv Kit #SP11 Allied Slv Kit #WSA327 Genuine Parts #S147, S148 McQuay Norris Kit #SA194 Permite Slv Kit #CSA237 Sealed Power Kit #SL1774 Thompson Slv Kit #SA177 White Machine #G208RHCH Piston A 1065	4.000	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD
MASSEY-FERGUSON- Tractors (Listed by Cylinder Diameter)												
				4	Sleeved Eng.	44 Series Gas, Dist. & Diesel Eng w/Superior A1065 Piston	4.000	3/32 3/32 3/32 1/4	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7795	4	STD
MASSEY-FERGUSON-Combines (Listed by Cylinder Diameter)												
				4	AD4.203	Perkins MF300 For Late Piston Diesel Eng Chrome Slv use 7140 only	3.601	3/32 3/32 1/8 1/4 1/4	103 T PC DI 103 T PC DI 103 T PC DI 502 1PCO PC DI 502 1PCO PC DI	7140	1	STD
				6		14 Diesel Eng	3 3/4	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5028	6	STD
MAZDA												
2003-07	1399		1.4 L	4	F6JA, F6JB	2 1.4 CD Turbo Diesel	73.70 2.902	2.50 1.95 2.50	213 FKST CC DI 209 RVT PC DI 248 CF CR 881 2PCO	2D7270 2D727025 2D727050	1	STD 0.25 0.50
1996-03	1753		1.8 L	4	RTJ, RTK SOHC	Mazda 121 III Diesel Eng	82.50 3.248	2.00 2.00 3.00	217 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7538	1	STD
1992-97	1998		2.0 L	4	RF55	626 B Serie, E Serie, Spectron Diesel Eng	86.00 3.386	2.00 2.00 4.00	336 T PM DI 435 SCRPP PC GI 553 CF CR GI 881 2PCO	2D4210	4	STD
1983-97	1998		2.0 L	4	RF, RF46 RF83	626,Spectron Diesel Eng	86.00 3.386	2.00 2.00 3.00	335 T PM DI 435 SCRPP PC GI 553 CF CR GI 881 2PCO	2D4989 2D498950	4	STD 0.50
1984-99	2184		2.2 L		R2	B Serie, E Serie, Spectron Diesel Eng	86.00 3.386	2.00 2.00 4.00	336 T PM DI 435 SCRPP PC GI 553 CF CR GI 881 2PCO	2D4210	4	STD
2006-15	2499		2.5 L	4	WL, WLAA	B Serie, BT-50 Diesel Eng	93.00 3.661	2.00 1.50 2.00	326 TBF GN SS 236 TF CR DI 203 CF GN SS 881 2PCO	2D7277	4	STD
	2977		3.0 L	4	HA	Titan E3000 WE, WOF1 Diesel Eng	95.00 3.740	2.38 2.38 4.75	363 BF CR GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D4379 2D437925 2D437950	4	STD 0.25 0.50

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
MERCEDES-BENZ												
2004-On	799		0.8 L	3	OM660.940 OM660.950	Diesel Eng.	65.50 2.579	1.50 1.50 2.50	201 BF GN SS 202 TTF PC DI 248 CF CR 881 2PCO	2D7448	1	STD
1998-05	1689		1.7 L	4	OM668.942 OM668.941 OM668.940 OM668.914 DOHC	A-Class, Vaneo Diesel Eng.	80.00 3.150	2.00 2.00 3.00	212 TBF CC DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2D7352	1	STD
2004-12	1991		2.0 L	4	OM 639.939 Euro 4 OM 640.940 OM 640.941	A160, A180, A200, B180, B200 Diesel Eng	83.00 3.268	2.00 2.00 2.00	220 TBF PM DI 126 RVT PC GI 248 CF CR 881 2PCO	2M7382	1	STD
1968-77	1988		2.0 L	4	OM615.913	/8 200 D 3 Ring Piston Diesel Eng	87.00 3.425	3.00 2.00 4.00	363 BF CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C9506	4	STD
2007-13	2143		2.1 L	4	OM651.911, OM651.912, OM651.913, OM651.916, OM651.921, OM651.924, OM651.925, OM651.930, OM651.940, OM651.955 OM651.956, OM651.957 OM651.960, OM651.961 OM651.980,	A-Class, B-Class, CLA, Viano, C-Class C,E-Class, GLK-Class, M-Class, S-Class, SLK Turbo Diesel	83.00 3.268	2.00 1.75 2.00	255 TBF CC DI 123 RVT PC DI 248 CF CR 881 2PCO	2D7440 2D744025 2D744050	4	STD 0.25 0.50
1997-09	2148		2.1 L	4	OM611LA,OM611.960 OM646.811, OM646.820	C-Class, E-Class, Sprinter 3,Vito Box Diesel Eng.	88.00 3.464	2.50 2.00 3.00	212 TBF CC DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2D7291 2D729150	1	STD 0.50
1993-On	2155		2.2 L	4	OM604 D	C 220, E 220 Diesel Eng	89.00 3.504	2.50 2.00 3.00	244 TBF CR DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2C7292	1	STD
1968-80	2197		2.2 L		OM615.910, OM615.912 OM615.914, OM615.916 OM615.930, OM615.932 OM615.930, OM615.932	O 309 O 309 D,/8 200 D 3 Ring Piston Diesel Eng	87.00 3.425	3.00 2.00 4.00	363 BF CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C9506	4	STD
1988-00	2299		2.3 L	4	OM601 D 23	208, 308, 408,508,Viano,Vito Diesel Eng	89.00 3.504	2.50 2.00 3.00	244 TBF CR DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2C7292	1	STD
1978-On	2399		2.4 L	4	OM616.913, OM616.914 OM616.936, OM616.939	240D, T1 Diesel Eng	90.90 3.579	3.00 2.00 4.00	345 T PM GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2M4724	4	STD
1973-88	2971		2.4 L	4	OM616.916,OM616.932	/8 240 D,T1 Bus Diesel Eng	91.00 3.582	3.00 2.00 4.00	362 BF 3CR GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2C5564	1	STD
1973-88	2971		2.4 L	4	OM616.916,OM616.932	/8 240 D,T1 Bus Diesel Eng	91.00 3.582	3.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO 345 T PM GI 126 RVT PC GI 553 CF CR GI 881 2PCO	5325 2M5325 2M5325020	4	STD 0.50
1988-96	2497		2.5 L	5	OM602.961,OM602A.962 OM605.960,OM605.962	C-Class, E-Class, 300TD Diesel Eng	87.00 3.425	2.50 2.00 3.00	220 TBF PM DI 126 RVT PC GI 204 CF CR DI 881 2PCO	2D5627	1	STD
1999-07	2685		2.7 L	5	OM612.961,OM612.962 OM612.966, OM612.981	C-Class, E-Class, M-Class Diesel Eng.	88.00 3.464	2.50 2.00 3.00	212 TBF CC DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2D7291 2D729150	1	STD 0.50
1988-00	2874		2.9 L	5	OM602 D 29, OM602 D 29 LA	290 GD, O 405,Sprinter, Vario	89.00 3.504	2.50 2.00 3.00	244 TBF CR DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2C7292	1	STD
1986-96	2996		3.0 L	6	OM603.961,OM603A.960 OM603A.963	E-Class, Saloon 300 Turbo-D Diesel Eng	87.00 3.425	2.50 2.00 3.00	220 TBF PM DI 126 RVT PC GI 204 CF CR DI 881 2PCO	2D5627	1	STD

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
MERCEDES-BENZ												
1974-85	2998		3.0 L	5	OM617.910,OM617.912	/8 240 D 3.0 Diesel Eng	91.00 3.582	3.00 2.00 4.00	032 BF PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO 345 T PM GI 126 RVT PC GI 553 CF CR GI 881 2PCO	5325 2M5325 2M5325020	4 4	STD STD 0.50
1974-85	2998		3.0 L	5	OM617.910,OM617.912	/8 240 D 3.0 Diesel Eng	91.00 3.582	3.00 2.00 4.00	362 BF 3CR GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2C5564	1	STD
2006-14	2987		3.0 L	6	OM642	ML300, ML350, E320, E350, S320 Diesel Eng	83.00 3.268	2.00 2.00 2.00	240 FKST CC DI 126 RVT PC GI 248 CF CR 881 2PCO	2D7367	1	STD
1979-On	2998		3.0 L	5	OM617.913,OM617.931 OM617.932, OM617.933 OM617.950, OM617.952 OM616.913	G Class, 300GD, Kombi Diesel Eng	90.90 3.579	3.00 2.00 4.00	345 T PM GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2M4934	5	STD
1999-03	3222		3.2 L	6	OM613.960, OM613.961	E-Class,S-Class Diesel Eng.	88.00 3.464	2.50 2.00 3.00	212 TBF CC DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2D7291 2D729150	1	STD 0.50
1992-97	3449		3.5 L	6	OM603 D 35 A	350 S, 350 GD Diesel Eng	89.00 3.504	2.50 2.00 3.00	244 TBF CR DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2C7292	1	STD
1964-On	3780		3.8 L	6	OM 314, OM 353, OM 367,	80, 100 H.P. Diesel Eng	97.00 3.819	3.00 3.00 3.00 5.50 5.50	361 FKST CR DI 032 BF PC GI 401 SCRP PC GI 553 CF CR GI 881 2PCO 501 1PCO PC GI	2C5480 2C5480020 2C5480040	2	STD 0.50 1.00
	3782		3.8 L	6	OM314	Diesel Eng 4 ring piston	97.00 3.819	3.00 3.00 3.00 5.50	361 FKST CR DI 032 BF PC GI 401 SCRP PC GI 553 CF CR GI 881 2PCO	2C4512	2	STD
	3784		3.8 L	6	OM314	Turbo Diesel	97.00 3.819	2.50 2.50 4.00	361 FKST CR DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2C7264	2	STD
2000-08	3996		4.0 L	8	OM628.960, OM628.961 OM628.962, OM628.963 DOHC	E-Class, G-Class, M-Class, S-Class V8	86.00 3.386	2.50 2.00 3.00	212 TBF CC DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2D7329	1	STD
			4.3 L	4	OM904, OM907, OM924, OM960	Diesel Eng	102.00 4.016	3.00 2.50 4.00	220 TBF PM DI 223 RVT CR DI 553 CF CR GI 881 2PCO	2D7436 2D743630 2D743660	1	STD 0.30 0.60
	5675		5.7 L	6	OM352,OM353	Diesel Eng 4 ring piston	97.00 3.819	3.00 3.00 3.00 5.50	361 FKST CR DI 032 BF PC GI 401 SCRP PC GI 553 CF CR GI 881 2PCO	2C4512	2	STD
1964-On	5675		5.7 L	6	OM352, OM352A	126 H.P. Incl. Turbo Diesel Eng	97.00 3.819	3.00 3.00 3.00 5.50 5.50	361 FKST CR DI 032 BF PC GI 401 SCRP PC GI 553 CF CR GI 881 2PCO 501 1PCO PC GI	2C5480 2C5480020 2C5480040	2	STD 0.50 1.00
	5675		5.7 L	6	OM352, OM362	Turbo Diesel	97.00 3.819	2.50 2.50 4.00	361 FKST CR DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2C7264	2	STD
			6.4 L	6	OM902, OM906, OM909, OM926	Diesel Eng	102.00 4.016	3.00 2.50 4.00	220 TBF PM DI 223 RVT CR DI 553 CF CR GI 881 2PCO	2D7436 2D743630 2D743660	1	STD 0.30 0.60
				6	OM 360, OM 360 A, OM 360 H	Diesel Eng	115.00 4.527	3.50 3.00 5.50	361 FKST CR DI 401 SCRP PC GI 565 CF CR GI 881 2PCO	2C5603	6	STD

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
MINNEAPOLIS-MOLINE												
				4		Jet Star 3, Big MO 400 & 500 Diesel, Gas, LPG 206N4 4 Star, 4 Star Super, Jet Star, 335, 445, G4, Combine Unitractor 445, 206B4R, 206H4, 206GH Minn. Ind., G4	3 5/8	3/32 3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7581	4	STD
MITSUBISHI												
2007-On	2179		2.2 L	4	4HK, 4HN, HTH	Outlander Diesel Eng Incl. Turbo	85.00 3.346	2.50 2.00 2.00	273 FKST BF CC DI 126 RVT PC GI 248 CF CR 881 2PCO	2D7549 2D754925 2D754950	4	STD 0.25 0.50
1980-86	2346		2.3 L	4	4D55T	Galant, Pajero Turbo Diesel	91.10 3.587	2.50 2.00 4.00	370 HKST 3CR GI 370 HKST 3CR GI 204 CF CR DI 881 2PCO	2D5666 2D566650 2D566675 2D5666100	4	STD 0.50 0.75 1.00
1980-86	2346		2.3 L	4	4D55T	Galant, Pajero Turbo Diesel	91.10 3.587	2.50 2.00 4.00	243 HKST PM DI 235 HKST CR DI 204 CF CR DI 881 2PCO	2M7338 2M733850 2M7338100	1	STD 1.25 2.50
1980-86	2346		2.3 L	4	4D55	L200, L300, Pajero Diesel Eng	91.10 3.587	2.50 2.00 4.00	231 BF PM DI 236 TF CR DI 204 CF CR DI 881 2PCO	2M7379	1	STD
1987-08	2476		2.5 L	4	4D56T, 4D56TD	Pajero, L200, L300 Turbo Diesel	91.10 3.587	2.50 2.00 4.00	370 HKST 3CR GI 370 HKST 3CR GI 204 CF CR DI 881 2PCO	2D5666 2D566650 2D566675 2D5666100	4	STD 0.50 0.75 1.00
1987-08	2476		2.5 L	4	4D56T, 4D56TD	Pajero, L200, L300 Turbo Diesel	91.10 3.587	2.50 2.00 4.00	243 HKST PM DI 235 HKST CR DI 204 CF CR DI 881 2PCO	2M7338 2M733850 2M7338100	1	STD 1.25 2.50
1987-94	2476		2.5 L	4	4D56	L200, L300 Diesel Eng	91.10 3.587	2.50 2.00 4.00	231 BF PM DI 236 TF CR DI 204 CF CR DI 881 2PCO	2M7379	1	STD
1994-98	2477		2.5 L	4	4D56	L200, L300 Diesel Eng	91.10 3.587	2.00 2.00 4.00	226 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7454	1	STD
	2835		2.8 L	4	4M40	FB501, FD511, Pajero Diesel Eng incl. Turbo	95.00 3.740	2.36 2.00 4.00	372 FKST CR DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2C5056 2C5056020 2C5056040	4	STD 0.50 1.00
1992-08	2835		2.8 L	4	4M40T	Delica, Galant, L200, L300 Montero, Pajero	95.00 3.740	2.50 2.00 3.00	372 FKST CR DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D5807	4	STD
1998-16	3200		3.2 L	4	4M41	Montero, Pajero Diesel Eng	98.50 3.878	2.30 1.50 3.00	208 FKST CC DI 257 TF CR DI 203 CF GN SS 881 2PCO	2D7802 2D780250	4	STD 0.50
NISSAN												
2003-14	1461		1.5 L	4	K9K SOHC	Almera, Micra, Note Versa Turbo Diesel	76.00 2.992	2.00 2.00 2.50	212 TBF CC DI 214 RVT PC DI 248 CF CR 881 2PCO	2D7296 2D729650	1	STD 1.25
2001-On	1870		1.9 L	4	F9Q 760	Primastar Diesel Eng	80.00 3.150	2.50 2.00 3.00	220 TBF PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M7332	1	STD
2006-13	1995		2.0 L	4	M9R, M9R 760, M9R 780	Primastar, X-Trail Turbo Diesel	84.00 3.307	2.50 2.00 2.00	211 HKST CC DI 210 SCRPF TF PC DI 248 CF CR 881 2PCO	2D7343 2D734350	1	STD 0.50
1990-99	1974		2.0 L	4	CD20	Almera, Primera, Sunny Diesel Eng	84.50 3.327	2.00 2.00 3.00	376 BF CR DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D4954 2D495450 2D4954100	4	STD 0.50 1.00
2000-On	2184		2.2 L	4	YD22ETI, YD22DDTi YD22DDT	Almera, Primera, X-Trail	86.00 3.386	2.00 2.00 3.00	385 HKST SS GI 135 T PC GI 203 CF GN SS 881 2PCO	2D7809	4	STD
2002-On	2188		2.2 L	4	G9T	720, 722, 750 Turbo Diesel	87.00 3.425	3.00 1.75 2.50	228 HKST PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M7349	1	STD

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
NISSAN												
2002-03	2463		2.5 L	4	G9U 720, G9U 730	Interstar, Primastar Turbo Diesel	89.00 3.504	3.00 1.75 2.50	228 HKST PM DI 218 TF PC DI 204 CF CR DI 881 2PCO	2M7328	1	STD
2002-On	2463		2.5 L	4	G9U 720, G9U 730	Interstar, Primastar Turbo Diesel	89.00 3.504	2.50 1.75 2.50	230 TBF PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M7423	1	STD
1983-88	2488		2.5 L	4	SD23, SD25	Diesel Eng	89.00 3.504	2.50 2.00 4.50	376 BF CR DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D5674 2D567450 2D567475 2D5674100	4	STD 0.50 0.75 1.00
1999-11	2488		2.5 L	4	YD25 DDTi	Bassara, Cabstar, Fontier, Navara, Pathfinder, Presage, D22 Diesel Diesel Eng	89.00 3.504	2.00 2.00 3.00	389 HKST BF PM GI 135 T PC GI 203 CF GN SS 881 2PCO	2D7531 2D753150	4	STD 0.50
	2825		2.8 L	6	RD28, RD28T	Diesel Eng	85.00 3.346	2.00 2.00 4.00	376 BF CR DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D5058	6	STD
1987-On	4169		4.2 L	6	TD42	Patrol Australian Diesel Eng	96.00 3.779	2.50 2.00 4.00	363 BF CR GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D4939	6	STD
OLIVER-White Motors (Listed by Cylinder Diameter)												
				4	Sleeved Eng.	Super 55, 55HC; Super 66, 66HC; 550 Gas & * Diesel	3 1/2	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5117	4	STD
				4	Sleeved Eng.	155 Gas & Diesel 2-44 550 & 660 Gas & Diesel	3 5/8	3/32 3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7581	4	STD
				6	Sleeved Eng.	77KD Dist., Super 77 Gas & Diesel Super 88 Gas & Diesel 88 Diesel 88HC, 88KD Dist. 177HC Ind., 188D, 188HC Ind.	3 3/4	1/8 1/8 1/8 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7747	6	STD
				6	Sleeved Eng.	Super 88, 88KD, 880 Gas & Diesel, 1600 Diesel	3 3/4	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5028	6	STD
				6	Sleeved Eng.	1750, 1755, 1800, 1850 Gas; 1650, 1800 Series Diesel 3 Ring Piston	3 7/8	3/32 3/32 3/16	363 BF CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7179	6	STD
				6		283 Diesel 2-78, 4-78; 4-105 Gas 1650, 1800 Diesel, 1850 Gas	3 7/8	3/32 3/32 3/32 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7703	6	STD
				6	Sleeved Eng.	99D, 99HC, Super 99 199D Ind., 199HC Ind., 950 Gas & Diesel	4.000	1/8 1/8 1/8 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4007	6	STD
OLIVER-White Motors Increased Bore Sleeve (Listed by Cylinder Diameter)												
				6	Super 77, 77D, 77HC, 77KD, 88D, 88HC, Ind. 166HC, Ind., 188D Sleeved Eng.	White Mach. G225AHCH M & W Slv. Kit SP123 Diesel Eng.	3 3/4	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5028	6	STD
				6	Super 77, 77D, 77HC, 77KD, 88D, 88HC, Ind. Sleeved Eng.	166HC, Ind., 188D M & W Gear SP18D Sealed Power SL1811 Thompson SA176	3 3/4	1/8 1/8 1/8 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7747	6	STD

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
OPEL												
2003-10	1248		1.3 L	4	Z 13 DT, Y 13 DT Euro 3/4	Aqila, Corsa, Combo, Meriva Diesel Eng	69.60 2.740	2.00 1.50 2.00	205 BF CR DI 206 TF PC DI 248 CF CR 881 2PCO	2D7101 2D710140 2D710160	1	STD 0.40 0.60
1979-91	1297		1.3 L	4	1.3NB, 1.3S	Corsa, Kadett	75.00 2.953	1.50 1.50 4.00	032 BF PC GI 435 SCRPP PC GI 056 FV CR 732 FV CR	7228 7228020 7228030 7228040 7228060	4	STD 0.50 0.75 1.00 1.50
									363 BF CR GI 435 SCRPP PC GI 553 CF CR GI 881 2PCO	2D7228 2D722850 2D722875 2D7228100 2D7228150	4	STD 0.50 0.75 1.00 1.50
2006-On	1248		1.3 L	4	A 13 DTC, A 13 DTR A 13 FD Euro 5	Corsa, Combo Turbo Diesel	69.60 2.740	1.50 1.50 2.00	239 BF CC DI 123 RVT PC DI 248 CF CR 881 2PCO	2D7836 2D783640	4	STD 0.40
1982-89	1598		1.6 L	4	16 D, 16 DA	Ascona C, Kadett D Kadett E Diesel Eng w/ 2pc Oil	80.00 3.150	2.00 2.00 3.00	032 BF PC GI 401 SCRPP PC GI 054 FV CR 732 FV CR	4709 4709020	4	STD 0.50
									362 BF 3CR GI 401 SCRPP PC GI 204 CF CR DI 881 2PCO	2D4709 2D470950	4	STD 0.50
2007-14	1686		1.7 L	4	A17DT, A1DTC, A17DTI A17DTJ, A17DTL, A17DTR, A17DTS, Z17DT, Z17DTJ,Z17DTR	Astra, Corsa, Meriva, Zafira	79.00 3.110	2.00 2.00 3.00	276 HKST GN SS 236 TF CR DI 203 CF GN SS 881 2PCO	2D7540 2D754025 2D754050	4	STD 0.25 0.50
1998-01	1870		1.9 L	4	F8Q	600, 606, 676, 714, 730, 732 Diesel Eng	80.00 3.150	2.00 2.00 3.00	219 BF PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M5860	1	STD
2004-10			1.9 L	4	Z 19 DTH, Z 19 DTJ	Cdti Astra, Signum, Vectra, Zafira Turbo Diesel	82.00 3.228	2.00 2.00 2.00	205 BF CR DI 214 RVL PC DI 248 CF CR 881 2PCO	2D7366	1	STD
1997-05	1995		2.0 L	4	X20DTH SOHC	Astra, Vectra Turbo Diesel W/Keystone Top Grv.	84.00 3.307	2.50 1.75 3.00	241 FKST CC DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D7376	1	STD
1997-05	1995		2.0 L	4	Y 20 DTH SOHC	Astra, Omega, Vectra Turbo Diesel	84.00 3.307	1.75 1.75 3.00	205 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D7167	1	STD
1998-05	1995		2.0 L	4	X20DTL, Y20DTL SOHC	Astra, Vectra Diesel Eng	84.00 3.307	2.00 1.75 3.00	205 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D7290	1	STD
2008-On	1956		2.0 L	4	A 20 DT, A 20 DTC, A 20 DTE, A 20 DTH, A 20 DTJ, A 20 DTL A 20 DTR, A 20 FD Y 20 DTJ, Z 20 DTJ	Astra, Cascada, Combo Insignia, Zafira Diesel Eng Turbo Intercooled	83.00 3.268	1.50 1.50 2.00	239 BF CC DI 406 N PC DI 553 CF CR GI 881 2PCO	2D7528 2D752840	4	STD 0.40
2006-On	1995		2.0 L	4	M9R	Turbo Diesel	84.00 3.307	2.50 2.00 2.00	211 HKST CC DI 210 SCRPP TF PC DI 248 CF CR 881 2PCO	2D7343 2D734350	1	STD 0.50
2006-On	1991		2.0 L	4	Z 20DM, Z20 DHM, Z20S	Antara	83.00 3.268	2.00 2.00 3.00	227 FKST CR DI 123 RVT PC DI 203 CF GN SS 881 2PCO	2D7810 2D781050	4	STD 0.50
1975-81	2000		2.0 L	4		Rekord 2000 Diesel Eng	86.50 3.405	2.00 2.00 4.00	362 BF 3CR GI 401 SCRPP PC GI 056 FV CR 732 FV CR	2C5591	4	STD
1972-On			2.1 L	4		Rekord 2100D Diesel Eng	88.00 3.464	2.00 2.00 2.00 5.00	362 BF 3CR GI 032 BF PC GI 401 SCRPP PC GI 553 CF CR GI 881 2PCO	2D4423 2D442350	4	STD 0.50
1997-08	2172		2.2 L	4	X 22 DTH, Y 22 DTH, Y 22 DTR SOHC	Astra, Omega, Vectra Turbo Diesel	84.00 3.307	1.75 1.75 3.00	205 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D7167	1	STD

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
OPEL												
2000-On	2188		2.2 L	4	G9T.720, G9T.722, G9T.750	Movano Turbo Diesel	87.00 3.425	3.00 1.75 2.50	228 HKST PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M7349	1	STD
2003-06	2464		2.5 L	4	G9U 630, G9U.632, G9U.720	Movano, Vivaro Turbo Diesel	89.00 3.504	3.00 1.75 2.50	228 HKST PM DI 218 TF PC DI 204 CF CR DI 881 2PCO	2M7328	1	STD
1989-97	2499		2.5 L	4	4JA1	Chrome Slv Use 7384 Only Diesel Eng	93.00 3.661	2.00 2.00 4.00	252 BF PC GI 218 TF PC DI 200 CF PC GI 881 2PCO 217 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	7384 2C7384	1	STD STD
1996-98	2500		2.5 L	4	25TDS (VM41B)	Frontera Turbo Diesel	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
1998-01	2799		2.8 L	4	S9W.700, S9W.702 Through - Eng.2572279	Movano Turbo Diesel	94.40 3.716	3.00 2.00 3.00	225 FKST CR DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7353	1	STD
1998-01	2799		2.8 L	4	S9W.700, S9W.702 Eng.2572280-On	Movano Turbo Diesel	94.40 3.716	2.50 2.00 2.50	233 FKST PM DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2M7450	1	STD
PERKINS												
	2491	152	2.5 L	3	3A.152 Sleeved Eng.	S/N 1935854-on Diesel Eng	3 3/5	3/32 3/32 1/8 1/4 1/4	103 T PC DI 103 T PC DI 103 T PC DI 502 1PCO PC DI 502 1PCO PC DI	7140	1	STD
	3327	203	3.3 L	4	4A.203D Sleeved Eng.	S/N 2939036-on Diesel Eng	3 3/5	3/32 3/32 1/8 1/4 1/4	103 T PC DI 103 T PC DI 103 T PC DI 502 1PCO PC DI 502 1PCO PC DI	7140	1	STD
	4998	305	5.0 L	6	6.305D Sleeved Eng.	Diesel Eng	3 3/5	3/32 3/32 1/8 1/4 1/4	103 T PC DI 103 T PC DI 103 T PC DI 502 1PCO PC DI 502 1PCO PC DI	7140	1	STD
PEUGEOT												
1968-73	1255		1.3 L	4	1.3 L diesel I4	204 Diesel Moteur XLD	75.00 2.953	1.50 1.50 4.00	032 BF PC GI 435 SCRPF PC GI 056 FV CR 732 FV CR 363 BF CR GI 435 SCRPF PC GI 553 CF CR GI 881 2PCO	7228 7228020 7228030 7228040 7228060 2D7228 2D722850 2D722875 2D7228100 2D7228150	4	STD 0.50 0.75 1.00 1.50 STD 0.50 0.75 1.00 1.50
1973-80	1357		1.4 L	4	Moteur XL4D	204, 304 Diesel Eng	78.00 3.071	1.75 2.00 3.00	362 BF 3CR GI 401 SCRPF PC GI 553 CF CR GI 881 2PCO	2D7239	4	STD
2001-09	1398		1.4 L	4	DV4TD, DV4TED4	206, 307, 1007 Turbo Diesel	73.70 2.902	2.50 1.95 2.50	213 FKST CC DI 209 RVT PC DI 248 CF CR 881 2PCO	2D7270 2D727025 2D727050	1	STD 0.25 0.50
1995-On	1527		1.5 L	4	TUD5, TUD 5B	106 1.5 D Diesel Eng	77.00 3.031	2.00 1.75 3.00	363 BF CR GI 102 T PC GI 553 CF CR GI 881 2PCO	2D4981 2D498125 2D498150 2D4981100	4	STD 0.25 0.50 1.00
2009-On	1560		1.6 L	4	DV6BTED4, DV6BTED4 DV6C, DV6CTED, DV6DTED, DV6DTEED DV6DTEDM, DV6ETEDM	Partner, 207, 308, 508, 2008 Diesel Eng Incl. Turbo	75.00 2.953	2.50 1.95 2.00	271 FKST BF CC DI 406 N PC DI 248 CF CR 881 2PCO	2D7431 2D743125 2D743150	4	STD 0.25 0.50
2004-15	1560		1.6 L	4	DV6TED4, DV6ATED4, DV6UTED4	Expert, Grand Raid, Partner, 206, 207 Turbo Diesel	75.00 2.953	3.00 1.95 2.50	213 FKST CC DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2D7254 2D725450	1	STD 0.50

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
PEUGEOT												
1996-15	1868		1.9 L	4	DW8, DW8B SOHC	206, 306, Expert Jumpy, Partner, Xsra Diesel Eng	82.20 3.236	2.00 2.00 3.00	362 BF 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR 205 BF CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C5858 2D5858 2D585850	4 1	STD STD 0.50
1982-02	1905		1.9 L	4	XUD 9, XUD 9 A	205, 305, 306, 309,405, Boxer, Partner, Ranch Diesel Eng	83.00 3.268	2.00 2.00 3.00	032 BF PC GI 126 RVT PC GI 054 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 204 CF CR DI 881 2PCO	4865 4865020 2D4865 2D486550	4 4	STD 0.50 STD 0.50
1988-96	1905		1.9 L	4	XUD9A, XUD9BSD, XUD9SD, XUD9TE	306, 309, 405, 406 406, Expert, 806, Boxer Diesel Eng	83.00 3.268	3.50 2.00 3.00	224 FKST PM DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2M7157	1	STD
1997-04	1905		1.9 L	4	XUD9A, XUD9TE XUD9TF	306, 309, 405, 406 406, Expert, 806, Boxer Diesel Eng	83.00 3.268	3.00 2.00 3.00	221 FKST CC DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2D7351	1	STD
1982-98	1905		1.9 L	4	XUD 9, XUD 9 A	205, 305, 306, 309,405, Boxer, Partner, Ranch Diesel Eng	83.00 3.268	2.00 2.00 3.00	239 BF CC DI 123 RVT PC DI 204 CF CR DI 881 2PCO	2D7435 2D743525 2D743550	1	STD 0.25 0.50
1968-89	1948		1.9 L	4	XD 88, XDP 4.88	504, J7 Diesel Eng	88.00 3.464	2.00 2.00 2.00 4.50	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 871 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 871 FV CR 732 FV CR	6861 6861020 2C6861 2C6861020 2C6861040	4 4	STD 0.50 STD 0.50 1.00
2010-On	1997		2.0 L	4	AHR, AHV, AHW, AHX, AHZ, RHZ, RHD, RHE, RHH, DW10FD	308, 407, 508, 5008, Expert Diesel Eng	85.00 3.346	2.00 2.00 2.00	272 HKST BF CC DI 123 RVT PC DI 248 CF CR 881 2PCO	2D4143 2D414360	4	STD 0.60
2000-06	1997		2.0 L	4	DW10ATED, DW10BTED	Break, Expert Turbo Diesel	85.00 3.346	3.50 2.00 3.00	213 FKST CC DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2D7176 2D717660	1	STD 0.60
1968-86	2112		2.1 L	4	XDP90, XD4x90	504, J7	90.00 3.543	2.00 2.00 2.00 4.50	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO	5486 2D5486 2D548650	4 4	STD STD 0.50
2000-04	2179		2.2 L	4	DW12BTED4, DW12TED4	Boxer, Break, Coupe Turbo Diesel	85.00 3.346	3.50 2.00 3.00	213 FKST CC DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2D7176 2D717660	1	STD 0.60
2007-On	2179		2.2 L	4	DW12C, DW12MTED4, DW12MTED4	508, 4007 Diesel Eng	85.00 3.346	2.50 2.00 2.00	273 FKST BF CC DI 126 RVT PC GI 248 CF CR 881 2PCO	2D7549 2D754925 2D754950	4	STD 0.25 0.50
1975-93	2304		2.3 L	4	EN 55 XD2, XD3	504, 505D w/o Turbo Diesel Eng	94.00 3.701	2.00 2.00 4.00	362 BF 3CR GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5633 2C5633010 2C5633016 2C5633020 2C5633040	4	STD 0.25 0.40 0.50 1.00
1984-On	2500		2.5 L	4	CRD93, CRD93L	J5 Diesel Eng	93.00 3.661	2.50 2.00 4.00	335 T PM DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D9349 2D934950 2D934975	4	STD 0.50 0.75
2000-04	2798		2.8 L	4	8140.23	Boxer Turbo Diesel	94.40 3.716	3.00 2.00 3.00	225 FKST CR DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7353	1	STD

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
PEUGEOT												
1999-02	2798		2.8 L	4	8140.63(F28D)	Boxer Diesel Eng	94.40 3.716	3.00 2.00 2.50	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7449	1	STD
2000-09	2798		2.8 L	4	8140.43N, 8140.43S	Boxer, Chassis Turbo Diesel	94.40 3.716	2.50 2.00 2.50	233 FKST PM DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2M7450	1	STD
RENAULT												
2003-14	1461		1.5 L	4	K9K SOHC	Clio, Kangoo, Megane, Scenic, Thalia Turbo Diesel	76.00 2.992	2.00 2.00 2.50	212 TBF CC DI 214 RVT PC DI 248 CF CR 881 2PCO	2D7296 2D729650	1	STD 0.50
1967-81	1700		1.7 L	2	D225, D325	R6 Diesel Eng	95.00 3.740	3.00 3.00 3.00 5.00	232 HKST CR DI 206 TF PC DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7437	1	STD
1988-05	1870		1.9 L	4	F8Q 606, F8Q 620 F8Q 630, F8Q 640 F8Q 662, F8Q 676 F8Q 706, F8Q 710 F8Q 722, F8Q 730 F8Q 764, F8Q 776	Clio, Eclair Kangoo, Megane Rapid Box, 19, 21 Diesel Eng w/ 2pc Oil	80.00 3.150	2.00 2.00 3.00	032 BF PC GI 401 SCRPF PC GI 054 FV CR 732 FV CR 362 BF 3CR GI 401 SCRPF PC GI 204 CF CR DI 881 2PCO	4709 4709020 2D4709 2D470950	4	STD 0.50 4 0.50
1986-05	1870		1.9 L	4	F8Q 606, F8Q 620 F8Q 630, F8Q 640 F8Q 662, F8Q 676 F8Q 706, F8Q 710 F8Q 722, F8Q 730 F8Q 764, F8Q 776	Clio, Eclair Kangoo, Megane Rapid Box, 19, 21 Diesel Eng	80.00 3.150	2.00 2.00 3.00	219 BF PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M5860	1	STD
1997-03	1870		1.9 L	4	F9Q 650, F9Q 710, F9Q 717, F9Q 718, F9Q 750 F9Q 756, F9Q 758, F9Q 759, F9Q 80	Laquna, Megane, Scenic Diesel Eng	80.00 3.150	2.50 2.00 3.00	220 TBF PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M7332	1	STD
2005-On	1995		2.0 L	4	M9R 610, M9R 615 M9R 700, M9R 722 M9R 724, M9R 740 M9R 746, M9R 750 M9R 760, M9R 762	Escape, Laguna, Megane, Scenic Turbo Diesel	84.00 3.307	2.50 2.00 2.00	211 HKST CC DI 210 SCRPF TF PC DI 248 CF CR 881 2PCO	2D7343 2D734350	1	STD 0.50
1991-96	2068		2.1 L	4	J8S	18, 20, 21, 30, 2.1 Turbo-D30, Espace, Safrane Turbo Diesel	86.00 3.386	2.50 2.50 3.00	372 FKST CR DI 401 SCRPF PC GI 204 CF CR DI 881 2PCO	2D5043	4	STD
1993-01	2188		2.2 L	4	G8T 706, G8T 752 G8T 790, G8T 792 G8T 794 DOHC	Laquna Laquna Grandtour Diesel Eng	87.00 3.425	2.50 1.75 2.50	220 TBF PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M7298	1	STD
2000-On	2188		2.2 L	4	G9T 600, G9T 605 G9T 606, G9T 607 G9T 642, G9T 645 G9T 700, G9T 750	Espace, Laguna II, Master II, Vel Satis Turbo Diesel	87.00 3.425	3.00 1.75 2.50	228 HKST PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M7349	1	STD
1981-On	2445		2.4 L	4	8140.61.2300 8140.61.240 S8U 720, S8U 722 S8U 730, S8U 731	Master, Trafic Diesel Eng	93.00 3.661	3.00 2.00 4.00	376 BF CR DI 401 SCRPF PC GI 200 CF PC GI 881 2PCO	2D9384	4	STD
2000-06	2463		2.5 L	4	G9U 720, G9U 724 G9U 730, G9U 750 G9U 754 Euro 3	Master, Trafic Turbo Diesel	89.00 3.504	2.50 1.75 2.50	230 TBF PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M7423	1	STD
2001-On	2463		2.5 L	4	G9U 630, G9U 632, G9U 650 Euro 4	Master, Trafic Turbo Diesel	89.00 3.504	3.00 1.75 2.50	228 HKST PM DI 218 TF PC DI 204 CF CR DI 881 2PCO	2M7328	1	STD
	2798		2.8 L	4	8140.63.2585 Euro 2	Turbo Diesel	94.40 3.716	3.00 2.00 2.50	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7449	1	STD
1998-01	2799		2.8 L	4	S9W 700/S9W 702 Through-Eng.2572279	Master II Turbo Diesel	94.40 3.716	3.00 2.00 3.00	225 FKST CR DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7353	1	STD
1998-01	2799		2.8 L	4	S9W 700/S9W 702 Eng.2572280-ON	Master II Turbo Diesel	94.40 3.716	2.50 2.00 2.50	233 FKST PM DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2M7450	1	STD
ROVER												
1991-95	1905		1.9 L	4	XUD9A, XUD9B XUD9L, XUD9Y	218 D, 418 D/SD/SLD Diesel Eng	83.00 3.268	2.00 2.00	239 BF CC DI 123 RVT PC DI	2D7435 2D743525	1	STD 0.25

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
								3.00	204 CF CR DI 881 2PCO	2D743550		0.50
1999-07	1951		2.0 L	4	M 47 R	Rover 75 2.0 Turbo Diesel	84.00 3.307	3.00 2.00 3.00	221 FKST CC DI 406 N PC DI 203 CF GN SS 881 2PCO	2D7279 2D727925	1	STD 0.25
1994-05	1994		2.0 L	4	20 T2R, 20 T2N	25, 45, 200, 400,600 Defender	84.45 3.325	3.00 2.00 3.00	378 FKST BF CC DI 406 N PC DI 553 CF CR GI 881 2PCO	2D7803 2D780350	1	STD 0.50
2006-On	2179		2.2 L	4	224DT	Land Rover LR2, Discovery Diesel Eng	85.00 3.346	2.50 2.00 2.00	273 FKST BF CC DI 126 RVT PC GI 248 CF CR 881 2PCO	2D7549 2D754925 2D754950	4	STD 0.25 0.50
1962-64	2250		2.3 L	4		Diesel Eng	3 9/16	3/32 3/32 3/32 3/16 3/16	032 BF PC GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR 501 1PCO PC GI 362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO 501 1PCO PC GI	6786 6786040 2D6786 2D678625 2D678650 2D678675 2D6786100 2D6786150	4	STD 1.00 STD 0.25 0.50 0.75 1.00 1.50
1958-59	2286		2.3 L	4		Land Rover Diesel Eng	3.375	3/32 3/32 3/32 3/16 3/16	102 T PC GI 102 T PC GI 102 T PC GI 871 FV CR 732 FV CR 501 1PCO PC GI	5960	4	STD
1990-99	2392		2.4 L	4	HR 492 HT	800, 825 D/SD Diesel Eng	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
2007-On	2402		2.4 L	4	244DT (Duratorq)	Turbo Diesel	89.90 3.539	2.00 2.00 2.00	205 BF CR DI 234 SCRPF TF PC DI 248 CF CR 881 2PCO	2D7377 2D737750	1	STD 0.50
1998-04	2495		2.5 L	5	14 P/15 P, TD5 (10P)	Defender	84.45 3.325	3.00 2.00 3.00	378 FKST BF CC DI 406 N PC DI 553 CF CR GI 881 2PCO	2D7803 2D780350	1	STD 0.50
1986-98	2495		2.5 L	4	16 L, 17L, 19L, 23L (300 Tdi)	Defender, Discovery Diesel Eng	90.50 3.563	3.00 2.50 3.00	222 FKST CC DI 435 SCRPF PC GI 553 CF CR GI 881 2PCO	2D4513	4	STD
1982-86	2500		2.5 L	4	492 4 SHIRG	800, 825 D/SD Diesel Eng	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
1984-On	2495		2.5 L	4	12J	Land Rover 90, 110, Defender Diesel Eng	90.50 3.563	2.00 2.00 4.00	363 BF CR GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D4620 2D462050 2D4620100 2D4620150	4	STD 0.50 1.00 1.50
1999-07	2926		2.9 L	6	M 57 D30	Rover 75 2.0 Turbo Diesel	84.00 3.307	3.00 2.00 3.00	221 FKST CC DI 406 N PC DI 203 CF GN SS 881 2PCO	2D7279 2D727925	1	STD 0.25
SAAB												
2004-10	1910		1.9 L	4	Z 19 DTH, Z 19 DTJ	3-Sep Turbo Diesel	82.00 3.228	2.00 2.00 2.00	205 BF CR DI 214 RVL PC DI 248 CF CR 881 2PCO	2D7366	1	STD
2010-On	1956		2.0 L	4	A 20 DTH, A 20 DTR	9-5 2.0 TiD, 9-5 2.0 TTiD 9-5 2.0 TTiD XWD Diesel Eng Turbo Intercooled	83.00 3.268	1.50 1.50 2.00	239 BF CC DI 406 N PC DI 553 CF CR GI 881 2PCO	2D7528 2D752840	4	STD 0.40

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
SEAT												
2000-10	1422		1.4 L	3	AMF, BMS, BNM, BNV	Arosa, Corodoba, Ibiza Diesel Eng	79.50 3.130	1.75 2.00 3.00	205 BF CR DI 126 RVT PC GI 204 CF CR DI 881 2PCO	2D5854 2D585425 2D585450 2D5854100	1	STD 0.25 0.50 1.00
1997-04	1716		1.8 L	4	AHB, AKU	Arosa, Cordoba, Inca Diesel Eng	79.50 3.130	1.75 2.00 3.00	205 BF CR DI 126 RVT PC GI 204 CF CR DI 881 2PCO	2D5854 2D585425 2D585450 2D5854100	1	STD 0.25 0.50 1.00
1991-10	1896		1.9 L	4	1Z, 1Y, AAZ, AEF, AEY, AFN, AGP, AGR, AHF, AHU, AKU, ALH, ANU, AQM, ARL, ASK, ASV, ASY, ASZ, ATD, AU, AVG, AXR, AYQ, BJB, BKC, BLS, BLT, BMT, BPX, BTB, BUK, BVK, BXE, BXF, BXJ	Alhambra, Cordoba, Ibiza, Inca, Leon, Pony, Toledo Diesel Eng	79.50 3.130	1.75 2.00 3.00	205 BF CR DI 126 RVT PC GI 204 CF CR DI 881 2PCO	2D5854 2D585425 2D585450 2D5854100	1	STD 0.25 0.50 1.00
2012-on	1968		2.0 L	4	CKFB, CKFC, CRVA, CRVC, CUNA, CUPA	Leon, Octavia Diesel Eng TDI	81.00 3.189	1.75 2.00 2.00	363 BF CR GI 130 RVT PC GI 203 CF GN SS 881 2PCO	2C7487	1	STD
SKODA												
2003-10	1422		1.4 L	3	AMF, BMS, BNM, BNV,	Fabia, Octavia, Roomster Diesel Eng	79.50 3.130	1.75 2.00 3.00	205 BF CR DI 126 RVT PC GI 204 CF CR DI 881 2PCO	2D5854 2D585425 2D585450 2D5854100	1	STD 0.25 0.50 1.00
1995-11	1896		1.8 L	4	AEF, AEY, AGP, AGR, AHF, ALH, AQM, ASV, ASY, ASZ, ATD, AVB, AVF, AWX, AXR, BJB, BKC, BLS, BLT, BSW, BXE	Fabia, Felicia, Octavia, Roomster, Superb Diesel Eng	79.50 3.130	1.75 2.00 3.00	205 BF CR DI 126 RVT PC GI 204 CF CR DI 881 2PCO	2D5854 2D585425 2D585450 2D5854100	1	STD 0.25 0.50 1.00
2004-09	1968		2.0 L	4	AZV, BKD, BMM, BMN, BMP, BSS	Octavia Superb Turbo Diesel	81.00 3.189	1.75 2.00 3.00	205 BF CR DI 130 RVT PC GI 204 CF CR DI 881 2PCO	2D7282 2D728250	1	STD 0.50
2001-08	2496		2.5 L	4	AYM, BDG	Superb 2.5 Turbo Diesel	78.30 3.083	1.75 2.00 3.00	205 BF CR DI 214 RVT PC DI 204 CF CR DI 881 2PCO	2D7284	1	STD
2012-17	1968		2.0 L	4	CKFB, CKFC, CUPA, CRLB, CUNA, CUUB, DBGA, DFCA	Octavia, Yeti Diesel Eng	81.00 3.189	1.75 2.00 2.00	363 BF CR GI 130 RVT PC GI 203 CF GN SS 881 2PCO	2C7487	1	STD
SSANGYONG												
	1998		2.0 L	4	D20DT, DOHC	16v Diesel Eng	86.20 3.394	2.50 2.00 3.00	227 FKST CR DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2C7498	1	STD
1995-On	2299		2.3 L	4	OM601.940	Diesel Eng	89.00 3.504	2.50 2.00 3.00	244 TBF CR DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2C7292	1	STD
1996-On	2874		2.9 L	5	OM662, OM 662.940	Diesel Eng	89.00 3.504	2.50 2.00 3.00	244 TBF CR DI 229 TTF PC DI 204 CF CR DI 881 2PCO	2C7292	1	STD
SUBARU												
2003-On	1248		1.3 L	4	Z13DT	Justy Diesel Eng	69.60 2.740	2.00 1.50 2.00	205 BF CR DI 206 TF PC DI 248 CF CR 881 2PCO	2D7101 2D710140 2D710160	1	STD 0.40 0.60
SUZUKI												
2003-On	1248		1.3 L	4	Z13DT	Iqnis, Swift, Wagon R+ - Turbo Diesel	69.60 2.740	2.00 1.50 2.00	205 BF CR DI 206 TF PC DI 248 CF CR 881 2PCO	2D7101 2D710140 2D710160	1	STD 0.40 0.60
Th-1996	1905		1.9 L	4	XUD9SD	Vitara Diesel Eng	83.00 3.268	3.50 2.00 3.00	224 FKST PM DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2M7157	1	STD
1996-99	1905		1.9 L	4	XUD9SD	Vitara Diesel Eng	83.00 3.268	3.00 2.00 3.00	221 FKST CC DI 202 TTF PC DI 204 CF CR DI 881 2PCO	2D7351	1	STD

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
SUZUKI												
1998-04	1905		1.9 L	4	XUD9	Samurai 1.9 Diesel Eng	83.00 3.268	2.00 2.00 3.00	239 BF CC DI 123 RVT PC DI 204 CF CR DI 881 2PCO	2D7435 2D743525 2D743550	1	STD 0.25 0.50
2009-On	1956		2.0 L	4	D20AA Euro 5	SX4 Diesel Eng Turbo Intercooled	83.00 3.268	1.50 1.50 2.00	239 BF CC DI 406 N PC DI 553 CF CR GI 881 2PCO	2D7528 2D752840	4	STD 0.40
TOYOTA												
1999-16	1364		1.4 L	4	1ND-TV SOHC	Corolla, Verso, Yaris Diesel Eng	73.00 2.874	1.50 1.50 3.00	239 BF CC DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D5856	1	STD
2005-10	1398		1.4 L	4	2WZ-TV	Aygo Diesel Eng	73.70 2.902	2.50 1.95 2.50	213 FKST CC DI 209 RVT PC DI 248 CF CR 881 2PCO 732 FV CR	2D7270 2D727025 2D727050	1	STD 0.25 0.50
2013-On	1560		1.6 L	4	3WZ-TV	Proace Box 1.6 Diesel Eng Turbo Direct Injection	75.00 2.953	2.50 1.95 2.00	271 FKST BF CC DI 406 N PC DI 248 CF CR 881 2PCO	2D7431 2D743125 2D743150	4	STD 0.25 0.50
1982-92	1839		1.8 L	4	1C, 1C-L, 1C-TL	Corolla, Camry Diesel Eng incl Turbo	83.00 3.268	2.00 2.00 4.00	370 HKST 3CR GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D4223 2D422325 2D422350 2D422375 2D4223100	4	STD 0.25 0.50 0.75 1.00
1985-89	1839		1.8 L	4	1C	Carina, Corolla Diesel Eng 3 PC Oil Ring	83.00 3.268	2.00 2.00 3.00	370 HKST 3CR GI 126 RVT PC GI 054 FV CR 732 FV CR	2C5016 2C5016020 2C5016040	4	STD 0.50 1.00
1998-08	1998		2.0 L	4	1CD, 1CDA DOHC	Corolla Turbo Diesel	82.20 3.236	2.00 1.50 3.00	226 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7428	1	STD
2006-On	1998		2.0 L	4	1AD-FTV DOHC	Auris, Verso Diesel Eng	86.00 3.386	2.00 1.50 2.00	226 BF CR DI 218 TF PC DI 248 CF CR 881 2PCO	2C7465	1	STD
1979-91	2188		2.2 L	4	L	Hiace, Hilux Mark II Diesel Eng	90.00 3.543	2.50 2.00 4.00	376 BF CR DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D5643 2D564350 2D564375 2D5643100	4	STD 0.50 0.75 1.00
2005-On	2231		2.2 L	4	2AD-FTV DOHC	Diesel Eng	86.00 3.386	2.00 1.50 2.00	226 BF CR DI 218 TF PC DI 248 CF CR 881 2PCO	2C7465	1	STD
1977-06	2446		2.4 L	4	2LT, 2LTE	Turbo Diesel	92.00 3.622	2.00 2.00 4.00	370 HKST 3CR GI 126 RVT PC GI 204 CF CR DI 881 2PCO	2D4225 2D422525 2D422550 2D422575 2D4225100	4	STD 0.25 0.50 0.75 1.00
1977-06	2446		2.4 L	4	2LT, 2LTE	Turbo Diesel	92.00 3.622	2.00 2.00 4.00	232 HKST CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7356	1	STD
2001-17	2494		2.5 L	4	2KD-FTV	Dyna, Fortuner, Hiace, Hilux Diesel Eng	92.00 3.622	2.00 1.50 3.00	376 BF CR DI 363 BF CR GI 203 CF GN SS 881 2PCO	2D7359 2D735950	4	STD 0.50
1988-05	2779		2.8 L	4	3L, KZTE	Hiace Van Toyo-Ace Hi-Lux Diesel Eng	96.00 3.779	2.00 2.00 4.00	370 HKST 3CR GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2C4710 2C4710020 2C4710040	4	STD 0.50 1.00
2000-10	2982		3.0 L	4	1KD-FTV DOHC	Hi Lux, Tacoma D4-D Diesel Eng	96.00 3.779	2.00 1.50 3.00	232 HKST CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7330	1	STD
2000-10	2982		3.0 L	4	1KD-FTV DOHC	Hi Lux, Tacoma D4-D Diesel Eng	96.00 3.779	2.00 1.50 3.00	370 HKST 3CR GI 126 RVT PC GI 203 CF GN SS 881 2PCO	2D4583 2D458350	4	STD 0.50
	3000		3.0 L	4	5L	Hiace Diesel Eng	99.50 3.917	2.00 1.50 4.00	370 HKST 3CR GI 126 RVT PC GI 553 CF CR GI 881 2PCO	2C5054 2C5054020 2C5054040	4	STD 0.50 1.00

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
VAUXHALL												
2004-12	1248		1.3 L	4	Y13DT, Z13DT	Aqila, Combo, Corsa, Meriva, Tiqra Turbo Diesel	69.60 2.740	2.00 1.50 2.00	205 BF CR DI 206 TF PC DI 248 CF CR 881 2PCO	2D7101 2D710140 2D710160	1 1 1	STD 0.40 0.60
2004-14	1686		1.7 L	4	A17DT, A1DTC, A17DTI A17DTJ, A17DTL, A17DTR, A17DTS, Z17DTJ, Z17DTR	Astra, Corsa, Meriva, Zafira	79.00 3.110	2.00 2.00 3.00	276 HKST GN SS 236 TF CR DI 203 CF GN SS 881 2PCO	2D7540 2D754025 2D754050	4	STD 0.25 0.50
1998-06	1870		1.9 L	4	F8Q SOHC	Arena Combi Diesel Eng	80.00 3.150	2.00 2.00 3.00	219 BF PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M5860	1	STD
2004-11	1910		1.9 L	4	Z 19 DTH, Z 19 DTJ	Astra, Signum, Vectra, Zafira Diesel Eng	82.00 3.228	2.00 2.00 2.00	205 BF CR DI 214 RVL PC DI 248 CF CR 881 2PCO	2D7366	1	STD
2008-On	1956		2.0 L	4	A 20 DT, A 20 DTC A 20 DTE, A 20 DTH A 20 DTJ, A 20 DTL A 20 DTR, A 20 FD Y 20 DTJ, Z 20 DTJ	Astra, Insignia, Zafira Diesel Eng Turbo Intercooled	83.00 3.268	1.50 1.50 2.00	239 BF CC DI 406 N PC DI 553 CF CR GI 881 2PCO	2D7528 2D752840	4	STD 0.40
2006-15	1991		2.0 L	4	Z 20DM, Z20 DHM	Antara	83.00 3.268	2.00 2.00 3.00	227 FKST CR DI 123 RVT PC DI 203 CF GN SS 881 2PCO	2D7810 2D781050	4	STD 0.50
1995-08	1995		2.0 L	4	Y 20 DTH	Astra, Omega, Vectra Turbo Diesel	84.00 3.307	1.75 1.75 3.00	205 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D7167	1	STD
1998-06	1995		2.0 L	4	X20DTL, Y20DTL SOHC	Astra, Vectra Turbo Diesel	84.00 3.307	2.00 1.75 3.00	205 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D7290	1	STD
2006-On	1995		2.0 L	4	M9R	Turbo Diesel	84.00 3.307	2.50 2.00 2.00	211 HKST CC DI 210 SCRPF TF PC DI 248 CF CR 881 2PCO	2D7343 2D734350	1	STD 0.50
1997-08	2172		2.2 L		X 22 DTH, Y 22 DTH, Y 22 DTR	Astra, Omega, Vectra Turbo Diesel	84.00 3.307	1.75 1.75 3.00	205 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D7167	1	STD
2000-10	2188		2.2 L	4	G9T 720, G9T 722, G9T 750	Movano Turbo Diesel	87.00 3.425	3.00 1.75 2.50	228 HKST PM DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2M7349	1	STD
2003-06	2464		2.5 L	4	G9U 630	Vivaro Turbo Diesel	89.00 3.504	3.00 1.75 2.50	228 HKST PM DI 218 TF PC DI 204 CF CR DI 881 2PCO	2M7328	1	STD
1995-05	1995		2.0 L	4	X20DTH SOHC	Astra, Omega, Vectra Turbo Diesel w/Keystone top grv.	84.00 3.307	2.50 1.75 3.00	241 FKST CC DI 218 TF PC DI 204 CF CR DI 881 2PCO	2D7376	1	STD
1996-98	2499		2.5 L	4	25TDS (VM41B)	Frontera Turbo Diesel	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
1989-97	2499		2.5 L	4	4JA1	Diesel Eng Chrome Slvs use 7384	93.00 3.661	2.00 2.00 4.00	252 BF PC GI 218 TF PC DI 200 CF PC GI 881 2PCO	7384	1	STD
									217 BF CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7384	1	STD
1998-01	2799		2.8 L	4	S9W 700, S9W 702	Turbo Diesel	94.40 3.716	3.00 2.00 3.00	225 FKST CR DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7353	1	STD
1998-01	2799		2.8 L	4	S9W 700, S9W 702	Turbo Diesel	94.40 3.716	2.50 2.00 2.50	233 FKST PM DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2M7450	1	STD

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
VM MOTORI												
	598		0.6 L	1	HR92-1	Diesel Eng Incl Turbo	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
	1196		1.2 L	2	HR92-2	Diesel Eng Incl Turbo	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
	1794		1.8 L	3	HR92-3	Diesel Eng Incl Turbo	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
	1779		1.8 L	3	VM 392 HT	Diesel Eng Incl Turbo	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
	2776		2.8 L	4	HR94 DOHC TCI	Diesel Eng	94.00 3.701	3.00 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7362	1	STD
	2392		2.4 L	4	HR92-4, VM 492 HT, VM 81 A	Diesel Eng Incl Turbo	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
	2990		3.0 L	5	HR92-5	Diesel Eng Incl Turbo	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
	3588		3.6 L	6	HR92-6	Diesel Eng Incl Turbo	92.00 3.622	2.50 2.00 4.00	225 FKST CR DI 210 SCRPF TF PC DI 204 CF CR DI 881 2PCO	2C7458	1	STD
VOLKSWAGEN												
1976-80	1471		1.5 L	4	CK	Golf, Jetta, Passat incl. Turbo Diesel	76.50 3.012	1.75 2.00 3.00	215 TBF CR DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7148 2C714850 2C7148100	1	STD
1979-92	1588		1.6 L	4	CR, CS, JK, JP, ME	Golf, Jetta, Passat, Santana incl. Turbo Diesel	76.50 3.012	1.75 2.00 3.00	215 TBF CR DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7148 2C714850 2C7148100	1	STD
1976-On			1.6 L	4		Dasher D, Golf D, Jetta D, Passat D, Santana D Fits Brazilian Mahle Piston Diesel Eng	76.50 3.012	1.75 2.00 3.00	032 BF PC GI 401 SCRPF PC GI 054 FV CR 732 FV CR 363 BF CR GI 401 SCRPF PC GI 054 FV CR 732 FV CR	4832 4832020 2C4832 2C4832040	4 4	STD 0.50 STD 1.00
1985-05	1715		1.7 L	4	KY	Transporter Diesel Eng w/2 pc oil ring	79.50 3.130	1.75 2.00 3.00	205 BF CR DI 126 RVT PC GI 204 CF CR DI 881 2PCO	2D5854 2D585425 2D585450 2D5854100	1	STD 0.25 0.50 1.00
1989-04	1896		1.9 L	4	1X, 1Y, AAZ, ABL, ADE, ADG, AEF	Golf, Passat, Polo, Transporter, Vento Diesel Eng w/2 pc oil ring	79.50 3.130	1.75 2.00 3.00	205 BF CR DI 126 RVT PC GI 204 CF CR DI 881 2PCO	2D5854 2D585425 2D585450 2D5854100	1	STD 0.25 0.50 1.00
1983-84	1986		2.0 L	5	CN	Diesel Eng	76.50 3.012	1.75 2.00 3.00	362 BF 3CR GI 401 SCRPF PC GI 204 CF CR DI 881 2PCO	2D4498 2D449825 2D449850 2D449875 2D4498100	5	STD 0.25 0.50 0.75 1.00
1990-10	1968		2.0 L	4	AAC, AZV, BDK, BMM, BNA, BST SOHC	Golf, Jetta, Passat Diesel Eng w/2 pc oil ring	81.00 3.189	1.75 2.00 3.00	205 BF CR DI 130 RVT PC GI 204 CF CR DI 881 2PCO	2D7282 2D728250	1	STD 0.50
2012-on	1968		2.0 L	4	CRBC, CRBL, CRVA	GOLF VII Turbo Diesel	81.00 3.189	1.75 2.00 2.00	363 BF CR GI 130 RVT PC GI 203 CF GN SS 881 2PCO	2C7487	1	STD
1983-88	2226		2.2 L	5	HY, JT, KM, KV, KX	Passat Variant	81.00 3.189	1.50 1.75 3.00	335 T PM DI 126 RVT PC GI 553 CF CR GI 881 2PCO	2D4541 2D454150 2D454175	5	STD 0.50 0.75
	2400		2.4 L	6		5 Valve V-6	81.00 3.189	1.50 1.50 2.00	327 BF PM GI 401 SCRPF PC GI 203 CF GN SS 881 2PCO	2D5020	6	STD

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
VOLKSWAGEN												
1990-03	2370		2.4 L	5	AJA, AAB	Chassis, Transporter Diesel Eng w/2 pc oil ring	79.50 3.130	1.75 2.00 3.00	205 BF CR DI 126 RVT PC GI 204 CF CR DI 881 2PCO	2D5854 2D585425 2D585450 2D5854100	1	STD 0.25 0.50 1.00
1978-80	2383		2.4 L	6	TR6	Golf, Jetta, Passat incl. Turbo Diesel	76.50 3.012	1.75 2.00 3.00	215 TBF CR DI 209 RVT PC DI 204 CF CR DI 881 2PCO	2C7148 2C714850 2C7148100	1	STD
1989-97	2446		2.4 L	4	2L	Taro Diesel Eng	92.00 3.622	2.00 2.00 4.00	232 HKST CR DI 218 TF PC DI 204 CF CR DI 881 2PCO	2C7356	1	STD
1990-03	2459		2.5 L	5	AAF, ACU, AET, AEV SOHC	Transporter Diesel Eng w/2 pc oil ring	81.00 3.189	1.75 2.00 3.00	205 BF CR DI 130 RVT PC GI 204 CF CR DI 881 2PCO	2D7282 2D728250	1	STD 0.50
1997-05	2496		2.5 L	6	AFB, AKE, AKN, AYM, BAU DOHC	Turbo Diesel	78.30 3.083	1.75 2.00 3.00	205 BF CR DI 214 RVT PC DI 204 CF CR DI 881 2PCO	2D7284	1	STD
1995-11	2461		2.5 L	5	ACV, AGX, AHD, AJT, AXD, AXE, BAC, BCT, BCU, BCV, BJL, BJM, BCT, BLJ, BLK, BTW CECA, CECEB	Turbo Diesel	81.00 3.189	2.50 2.00 3.00	212 TBF CC DI 130 RVT PC GI 204 CF CR DI 881 2PCO	2D7476 2D747650	1	STD 0.50
2002-10	2461		2.5 L	5	AJS, AXD, AXE, AYH, BAC, BCT, BCU, BCV, BJL, BJM, BLJ, BLK, CBWA, CECA, CECEB	Crafter, Multivan Touareg, Stationary Eng. Turbo Diesel	81.00 3.189	2.50 2.50 3.00	255 TBF CC DI 123 RVT PC DI 553 CF CR GI 881 2PCO	2D7834 2D783425 2D783450	5	STD 0.25 0.50
2006-10	2967		3.0 L	6	CASB, CATA DOHC	Touareg Diesel Eng Incl Turbo	83.00 3.268	2.00 2.00 3.00	239 BF CC DI 123 RVT PC DI 204 CF CR DI 881 2PCO	2D7435 2D743525 2D743550	1	STD 0.25 0.50
2007-On	2967		3.0 L	6	CARB, CCMA, CCWA, CCWB CDYA, CDYC	Phaeton, Touareg Turbo Diesel	83.00 3.268	1.75 2.00 3.00	239 BF CC DI 123 RVT PC DI 204 CF CR DI 881 2PCO	2D7534 2D753425 2D753450	6	STD 0.25 0.50
VOLVO												
2010-12	1560		1.6 L	4	D 4162 T	C30, S40 , S60, Diesel Eng	75.00 2.953	2.50 1.95 2.00	271 FKST BF CC DI 406 N PC DI 248 CF CR 881 2PCO	2D7431 2D743125 2D743150	4	STD 0.25 0.50
2001-10	2401		2.4 L	5	D 5244 T	S60, S80, V70, XC80, XC90 Turbo Diesel	81.00 3.189	2.00 1.75 3.00	255 TBF CC DI 123 RVT PC DI 553 CF CR GI 881 2PCO	2D7545	5	STD
2001-17	2401		2.4 L	5	D5244 T, D5224 T10, D5224 T13, D5224 T14, D5224 T16, D5224 T18 D5224 T2, D5224 T21, D5224 T4, D5224 T5, D5224 T7, D5224 T8	C30, C70, S40, S60, S80, V50, V60, V70, XC60, XC70, XC90	81.00 3.189	2.00 1.75 2.00	255 TBF CC DI 275 TF CR DI 203 CF GN SS 881 2PCO	2D7827 2D782720 2D782740	5	STD 0.20 0.40
	4704		4.7 L	6	D47, D47A	Deep Top Grv Diesel Eng	3 3/4	3/32 1/8 1/8 3/16 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 553 CF CR GI 881 2PCO 501 1PCO PC GI	2D5966	6	STD

YEAR	CC	CID	LITER	CYL	ENGINE	DESCRIPTION	BORE	GROOVE WIDTH	PART TYPE	HASTINGS SET	NO OF CYL	SIZE
WAUKESHA												
				6	6BZ, 6BZU, 6ML, 6-110 195GL		4.000	1/8 1/8 1/8 3/16	363 BF CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C4007	6	STD
				6	6BK, 6BM, 6BKH, 6MS, 6XK, 190GL, 190GLB	4 Ring Piston Diesel Eng.	3 3/4	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5028	6	STD
				4	180GLB D155G 180DKB	Gas Eng.	3 5/8	3/32 3/32 3/32 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7581	4	STD
				6	180GL, 190DL, 190DLB, 190GL, 190KL, 190LB		3 3/4	1/8 1/8 1/8 1/4	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C7747	6	STD
WISCONSIN												
				4	AP4, AP41, V64D, VG4D, VP4, VP49		3 1/2	1/8 1/8 1/8 3/16	362 BF 3CR GI 126 RVT PC GI 126 RVT PC GI 860 FV CR 732 FV CR	2C5117	4	STD