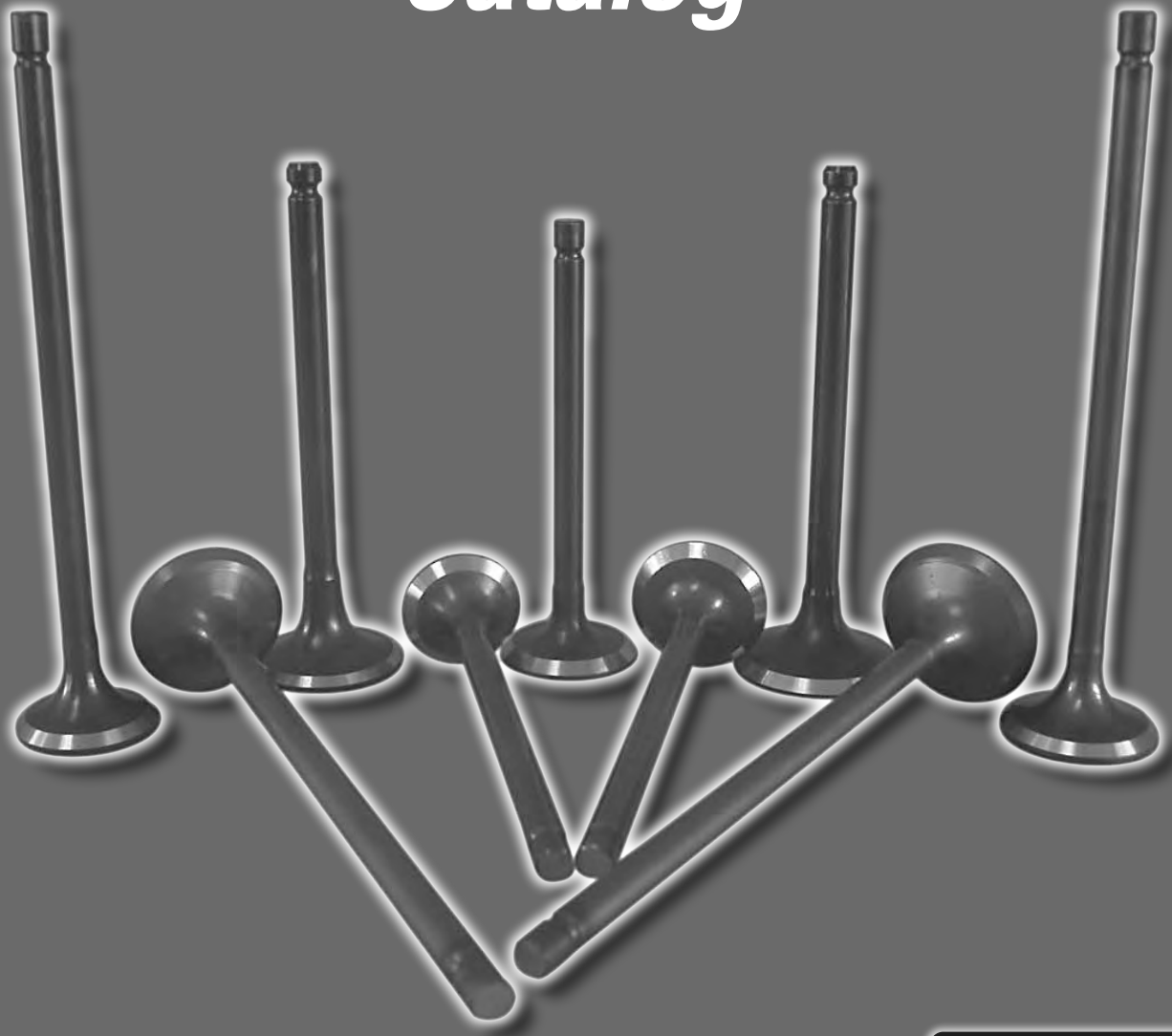


EP 2016

ENGINE PRO

Replacement Valve Catalog



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ENGINE PRO BRAND ENGINE PRODUCTS



Valves by Engine Pro

ENGINE PRO #	NE W	IN/EX	ENGINE	YEARS	HEAD DIAMETER	OVERALL LENGTH	STEM DIAMETER	STEM COATING	KEEPER GROOVE	DESCRIPTION/ NOTES/ YEARS
ALLIS CHALMERS										
01-00168	N	EX	201,226		1.500	5.1560	0.37150		1	INCLUDING 226 LPG
01-00169	N	IN	201,226		1.668	5.1610	0.37150		1	INCLUDING 226 LPG
01-01525S		EX	426		1.651	6.0175	0.37075		1	CHECK S/N FOR 3010,4010 SER
AMERICAN MOTORS										
01-01556		EX	150	87-99	1.500	4.9395	0.31150	CHROME	1	ROUND GROOVE, VIN H, P
01-01442		IN	199-304	65-91	1.787	4.9000	0.37200		1	199,232,258,290,304 - 1 GV
01-01260		IN	232	73-79	1.787	4.8990	0.37200	NONE	4	
01-01325		EX	232	73-79	1.406	4.8930	0.37200	NONE	4	W/O ROTOCAPS 73-79
01-01441		EX	232	64-72	1.406	4.8920	0.37200	CHROME	1	
01-01556		EX	242	87-98	1.500	4.9395	0.31150	CHROME	1	VIN M, S, JEEP ENG.
01-01260		IN	258	73-80	1.787	4.8990	0.37200	NONE	4	
01-01325		EX	258	73-80	1.406	4.8930	0.37200	NONE	4	W/O ROTOCAPS 73-80
01-01441		EX	258	81-91	1.406	4.8920	0.37200	CHROME	1	
01-01441		EX	290	66-69	1.406	4.8920	0.37200	CHROME	1	
01-01260		IN	304	73-81	1.787	4.8990	0.37200	NONE	4	
01-01325		EX	304	73-81	1.406	4.8930	0.37200	NONE	4	
01-01441		EX	304	70-72	1.406	4.8920	0.37200	CHROME	1	
01-01048		IN	343-401	67-72	2.025	4.9020	0.37150	NONE	1	AMC,JEEP 343,360,390,401
01-01258		IN	360,401	73-91,73-78	2.025	4.8990	0.37200	NONE	4	
01-01326		EX	360,401	75-91,75-78	1.682	4.9140	0.37210	NONE	4	
AUDI / VW										
01-10804S		IN	1781CC (1.8)	98-06	1.059	4.1370	0.23480		3	SEE CAT FOR NOTES
01-10803S		EX	1781CC (1.8)	98-06	1.177	4.0900	0.23400		3	W-.157 TIP TO GROOVE LGTH
01-10805S		EX	1781CC (1.8)	98-06	1.177	4.0900	0.23400		3	W-.222 TIP TO GROOVE LGTH
01-10733		IN	2.0(VW),2.8(AUDI)	92-06	1.555	3.62	0.2748	CHROME	1	VIN A,B,C,E,J,9A,K,R,L,ABA,AHA,ATQ
01-10734S	N	EX	2.0,2.8	90-02	1.295	3.5890	0.27420		3	AUDI
01-10804S		IN	2771CC (2.8)	98-05	1.059	4.1370	0.23480		3	SEE CAT FOR NOTES
01-10803S		EX	2771CC (2.8)	98-05	1.177	4.0900	0.23400		3	W-.157 TIP TO GROOVE LGTH
01-10805S		EX	2771CC (2.8)	98-05	1.177	4.0900	0.23400		3	W-.222 TIP TO GROOVE LGTH
01-10804S		IN	2976CC (3.0)	02-06	1.059	4.1370	0.23480		3	SEE CAT FOR NOTES
01-10803S		EX	2976CC (3.0)	02-06	1.177	4.0900	0.23400		3	W-.157 TIP TO GROOVE LGTH
01-10805S		EX	2976CC (3.0)	02-06	1.177	4.0900	0.23400		3	W-.222 TIP TO GROOVE LGTH
BMW										
01-10695		IN	1.8-3.2L	91-00	1.299	4.1770	0.23490		3	DOHC 16V,24V
01-10696		EX	1.8-3.2L	91-00	1.196	4.1600	0.23430		3	DOHC 16V,24V
CASE										
01-00691		IN	G188D		1.600	6.3550	0.34150	CHROME	2	
01-00690		EX	G188D		1.403	6.3525	0.34040	CHROME	2	
01-00810		IN	124/209		1.520	5.1760	0.34100	NONE		F SERIES/ DRILLED STEM
01-01667	N	IN	505		2.047	5.9460	0.37360		1	6CT,6CTA SERIES
01-01666	N	EX	505		1.811	5.9370	0.37360		1	6CT,6CTA SERIES
01-00602	N	EX	855		1.870	7.0630	0.45050		2	"N" ON HEAD,OEM# 3040830
01-00603		IN	855		1.875	7.0660	0.45050	NONE	2	"O" ON HEAD,OEM# 135957
01-00602S		EX	855		1.875	7.0660	0.45050	NONE	2	"S" OR "J" ON HEAD,OEM# 145701
CATERPILLAR										
01-01887	N	IN	244,365,ETC.		1.772	4.8360	0.37290		1	OEM # 6I-0282
01-01784	N	EX	244,365,ETC		1.473	4.8550	0.37180		1	OEM # 7W-4602
01-01580		IN	268,403		1.850	6.9760	0.31500		1	CHECK S/N FOR 3010,4010 SER
01-01579S		EX	268,403		1.575	6.9610	0.31500		1	CHECK S/N FOR 3010,4010 SER
01-00755	N	IN	350 (5.7L)		1.895	6.5630	0.37170		2	OEM # 7M7358
01-00753S	N	EX	350 (5.7L)		1.771	6.5630	0.37170		2	OEM #S 7M7360,8N3724,9M4163
01-01379		IN	350,636		2.093	5.6980	0.37250		2	SEE CAT FOR ENG APPLICATION
01-01497S		EX	350,636		1.805	5.6830	0.37150		2	CHECK S/N FOR 3020,4020 SER
01-01314S	N	IN	425,638		2.020	5.5100	0.37170		2	OEM # 9N6117
01-01205S		EX	425,638		1.896	5.4690	0.37170	NONE	2	SEE CAT FOR ENG APPLICATION
01-01631S	N	IN	425,638		2.020	6.4370	0.37170		2	OEM # 7W7490
01-01630S	N	EX	425,638		1.896	6.3950	0.37170		2	OEM # 7W7491
01-01760S		IN	425,638		2.020	5.3710	0.37170		2	CHECK S/N FOR 3020,4020 SER
01-01761S		EX	425,638		1.896	5.3080	0.37170		2	CHECK S/N FOR 3020,4020 SER
01-02161S		IN	442		1.575	7.2090	0.31500		1	OEM #S 145-7390, 252-7801
01-02160S	N	EX	442		1.693	7.8390	0.37170		2	OEM # 147-8211
01-01582	N	IN	629,732		1.772	6.8500	0.37170		2	OEM # 7E-9578
01-01582S		IN	629,732		1.772	6.8500	0.37170		2	24V
01-01581S		EX	629,732		1.654	6.8500	0.37170		2	CHECK S/N FOR 3020,4020 SER
01-01462S		IN	893+		1.771	7.1400	0.37170		2	893,1099,1786
01-01468S		EX	893+		1.646	7.1410	0.37170		2	893,1099,1786
01-01632S		EX	893+		1.646	7.1400	0.37170	CHROME	2	893,1099,1649
01-01830S		IN	893+		1.771	7.2500	0.37170		2	893,1099,1649
01-01831S		EX	893+		1.646	7.2500	0.37170		2	893,1099,1649
01-01857S		IN	893+		1.771	7.1400	0.37170		2	893,1099,1649
01-01911	N	IN	893,965,+		1.850	7.9510	0.37170		2	OEM #S 153-7023, 236-5605
01-01912	N	EX	893,965,+		1.646	7.9530	0.37170		2	OEM # 153-7024

ENGINE PRO #	NE W	IN/EX	ENGINE	YEARS	HEAD DIAMETER	OVERALL LENGTH	STEM DIAMETER	STEM COATING	KEEPER GROVE	DESCRIPTION/ NOTES/ YEARS
CHRYSLER										
01-10126		IN	1.6,2.0	89-98	1.198	4.3160	0.25750	CHROME	1	89-90 VIN D,E,F,R,U,Y,Z, 4G61,EBG, G4CP,4G63 MITSUBISHI
01-10128		EX	1.6,2.0	89-98	1.198	4.3160	0.25750	CHROME	1	89-90 VIN D,E,F,R,U,Y,Z, 4G61,EBG, G4CP,4G63 MITSUBISHI
01-01730		IN	121(2.0),148(2.4)	95-99	1.370	4.3990	0.23400	CHROME	1	VIN Y; DOHC
01-01731		EX	121(2.0),148(2.4)	95-99	1.201	4.3240	0.23280	CHROME	1	VIN Y, DOHC A588,VIN X, PLY. VIN X, B
01-01741		IN	121(2.0)	95-99	1.309	4.5250	0.23400	CHROME	1	NEON SOHC
01-01742		EX	121(2.0)	95-99	1.130	4.6140	0.23280	CHROME	1	NEON SOHC, VIN C,VIN Y DOHC
01-10142		EX	122(2.0)	83-91	1.378	4.2780	0.31260		1	MITS ENGINE
01-01991		IN	122(2.0)	01-05	1.309	4.5130	0.23400		3	1.309 HEAD
01-01992		EX	122(2.0)	01-05	1.130	4.6140	0.23290		3	1.130 HEAD
01-01553		IN	135(2.2),153(2.5)	86-93	1.598	4.4985	0.31275		1	W/O TURBO
01-02008		IN	148(2.4)	95-08	1.370	4.3990	0.23400		3	1.370 HEAD
01-02009		EX	148(2.4)	95-08	1.120	4.3240	0.23290		3	1.120 HEAD
01-01557		IN	150(2.5),242(4.0)	83-06	1.910	4.9120	0.31150		1	AMC VIN E,H,P,U,JEEP VIN L,M,S
01-01917		EX	150(2.5),242(4.0)	83-06	1.500	4.9390	0.31150		3	AMC VIN E,H,P,U,JEEP VIN L,M,S
01-10145		IN	156	85-89	1.811	4.2520	0.31345		1	MITS ENGINE
01-01921		EX	167(2.7)	98-10	1.094	4.1780	0.23290		3	DOHC VIN D,R,T,U EER
01-01920		IN	167(2.7)	98-10	1.331	4.2570	0.23400		3	DOHC VIN D,R,T,U EER
01-00567		IN	170	60-70	1.616	4.7800	0.37250	NONE	2	CHRY IND H170, IND170
01-01265		EX	170	60-70	1.359	4.8020	0.33715	NONE	4	CHRY IND H170, IND170
01-10500		IN	181(3.0)	91-96	1.199	4.1560	0.25770	CHROME	1	DODGE VIN B, C, J, K, MITSUBISHI 6G72 DOHC, INCL. TURBO 24V
01-10501		EX	181(3.0)	91-96	1.199	4.1560	0.25770	CHROME	1	DODGE VIN B, C, J, K, MITSUBISHI 6G72 DOHC, INCL. TURBO 24V
01-10498	N	IN	1.8	92-96	1.181	4.3380	0.23540		1	VIN C,D 4G93
01-10499	N	EX	1.8	92-96	1.063	4.4800	0.23450		1	VIN C,D 4G93
01-13190	N	IN	1.8,2.0,2.4	07-13	1.378	4.4560	0.21540		1	
01-13191	N	EX	1.8,2.0,2.4	07-13	1.142	4.1690	0.21510		1	
01-01552		EX	2200	86-94	1.394	4.5220	0.31165	CHROME	4	86-94 EXC. TURBO,EXC 86-87 OMNI
01-01916	N	IN	150,242	99-06	1.910	4.9110	0.31140		3	
01-01713		EX	195,215	93-99	1.142	4.9590	0.27220		3	1.142 HEAD
01-01901		IN	195,215	98	1.437	4.5160	0.27340		3	
01-00567		IN	198	70-74	1.616	4.7800	0.37250	NONE	2	
01-01265		EX	198	70-74	1.359	4.8020	0.33715	NONE	4	
01-01671		IN	201(3.3)	90-97	1.790	4.9500	0.31250	CHROME	2	VIN-R, T, U
01-01670		EX	201(3.3)	90-97	1.476	4.9740	0.31155	CHROME	4	90-96 PLYMOUTH, 93-97 EAGLE 3.3L.
01-00185	N	EX	218,230	46-59	1.407	4.8400	0.34050		2	L-HEAD
01-01904	N	IN	201,230	98-00	1.791	5.0210	0.31280		2	
01-01905	N	EX	201,230	98-00	1.476	5.0450	0.31160		4	
01-01993	N	IN	201,230	01-11	1.890	4.9690	0.27340		4	
01-01994	N	EX	201,230	01-11	1.398	5.0230	0.27330		4	
01-00567		IN	225(3.7)	60-87	1.616	4.7800	0.37250	NONE	2	
01-01265		EX	225(3.7)	60-87	1.359	4.8020	0.33715	NONE	4	CHRY ALL EXC 63-78 PREMIUM, CHRY IND H225, IND225
01-01918		IN	226(3.7),287(4.7)	99-07	1.915	4.4810	0.27340		3	1.915 HEAD
01-02036	N	EX	226(3.7)	06-09	1.457	4.5390	0.27220		3	VIN K
01-01919		EX	287(4.7)	99-13	1.457	4.5390	0.27220		3	VIN K, VIN J,N,P FLEX
01-00349		IN	230	42-59	1.531	4.8400	0.34050	NONE	2	ALSO CR218
01-01670		EX	231	91-99	1.476	4.9740	0.31155	CHROME	4	VIN L, J
01-01671		IN	231(3.8)	91-99	1.790	4.9500	0.31250	CHROME	2	VIN-L, J
01-00938		IN	239(3.9)	86-91	1.780	4.9790	0.37250	NONE	2	
01-01714		IN	239(3.9)	92-99	1.920	4.9060	0.31150	NONE	1	VIN-X
01-01715		EX	239(3.9)	92-99	1.625	4.9190	0.31150	CHROME	1	
01-01552		EX	2500	86-96	1.394	4.5220	0.31165	CHROME	4	NON-TURBO 86-96, CHRYSLER ENGINE
01-00938		IN	273	64-69	1.780	4.9790	0.37250	NONE	2	
01-01329		EX	273	64-69	1.500	5.0050	0.37150	CHROME	4	
01-13251	N	IN	4.7	08-12	1.915	4.4810	0.27340		3	
01-13252	N	EX	4.7	08-12	1.457	4.5390	0.27220		3	
01-00518		IN	318	59-68	1.563	4.5385	0.37150	NONE	4	HT318 IND/DODGE TRUCK
01-01329		EX	318	63-78	1.500	5.0050	0.37150	CHROME	4	IND: H318, HA318, HB318, HC318, MAR: M318-195S, DO TRK 72-73 SERIES 100-300; 318LA
01-01180		IN	318	79-89	1.881	4.9800	0.37250	NONE	2	HD W/4BBL CARB & POLICE
01-01399		EX	318	79-89	1.500	4.9825	0.37150	CHROME	4	79-89, EXC. H/D, 4BBL & POLICE
01-01419		EX	318	79-88	1.517	4.9945	0.37160	CHROME	2	
01-01715		EX	318	92-99	1.625	4.9190	0.31150	CHROME	1	DODGE VIN T,Y, JEEP VIN P, Y
01-01180		IN	340	72-73	1.881	4.9800	0.37250	NONE	2	
01-01307		EX	340	68-73	1.600	4.9990	0.37150	CHROME	4	
01-02103		IN	345	03-08	2.000	4.9290	0.31270		3	HEMI
01-02220		EX	345	03-08	1.555	4.8450	0.31126		3	HEMI
01-13194	N	IN	5.7 HEMI	03-13	2.050	5.1650	0.31270		3	
01-13195	N	EX	5.7 HEMI	03-13	1.552	5.1390	0.31260		3	
01-00520		EX	350	58	1.600	4.8885	0.37150	NONE	4	
01-13006	N	EX	359,408	02-11	1.299	4.8930	0.27560		1	CUMMINS
01-01180		IN	360	71-90	1.881	4.9800	0.37250	NONE	2	LIGHT & HEAVY DUTY
01-01307		EX	360	71-83	1.600	4.9990	0.37150	CHROME	4	71-83 EXC. 76-80 4BBL HI PERF., & 75-77 TRK 500-600 SERIES
01-00938		IN	360	91	1.780	4.9790	0.37250	NONE	2	
01-01417		EX	360	92	1.617	4.9950	0.37160		2	1.617 HD VIN5,Z
01-01417		EX	360	90-92	1.617	4.9950	0.37160		2	

Valves by Engine Pro

ENGINE PRO #	NEW	IN/EX	ENGINE	YEARS	HEAD DIAMETER	OVERALL LENGTH	STEM DIAMETER	STEM COATING	KEEPER GROVE	DESCRIPTION/ NOTES/ YEARS
CHRYSLER (Continued)										
01-01714		IN	360(5.9)	93-98	1.920	4.9060	0.31150	NONE	1	VIN-5, B, Z
01-02014	N	IN	5.9 DIESEL	98-09	1.299	4.9070	0.27560		1	CUMMINS
01-02015		EX	5.9 DIESEL	98-09	1.299	0.4893	0.27560	CHROME	1	VIN 6.7,C CUMMINS TURBO ISB
01-00548		IN	361	59-66	2.078	4.8730	0.37250	NONE	2	61-66 CAR
01-00520		EX	361	59-66	1.600	4.8885	0.37150	NONE	4	CHRY IND H361
01-00577		IN	361(5.9)	60-77	1.881	5.6670	0.37200	CHROME	4	
01-13206	N	IN	6.1 HEMI	05-10	2.079	4.9610	0.31250		3	
01-13207	N	EX	6.1 HEMI	05-10	1.595	4.9210	0.31250		3	
01-00548		IN	383	59-71	2.078	4.8730	0.37250	NONE	2	
01-00520		EX	383	59-71	1.600	4.8885	0.37150	NONE	4	DO TK, TO ENG S/N 3832160000
01-01156		EX	383	68-71	1.740	4.8880	0.37200	NONE	4	68-71, TRK ENG. S/N 3832160000 ON, H383 IND.
01-00548		IN	400	72-79	2.078	4.8730	0.37250	NONE	2	
01-01156		EX	400	72-78	1.740	4.8880	0.37200	NONE	4	72-79 TRK
01-00520		EX	413	59-65	1.600	4.8885	0.37150	NONE	4	CHRY IND H413
01-00548		IN	413	59-65	2.078	4.8730	0.37250	NONE	2	
01-00577		IN	413	60-79	1.881	5.6670	0.37200	CHROME	4	
01-00520		EX	426	63-65	1.600	4.8885	0.37150	NONE	4	WEDGE
01-00548		IN	440	66-67	2.078	4.8730	0.37250	NONE	2	
01-00520		EX	440	66-67	1.600	4.8885	0.37150	NONE	4	
01-00548		IN	440	68-79	2.078	4.8730	0.37250	NONE	2	EXC. 70-72 W/3-2BBL
01-01156		EX	440	68-78	1.740	4.8880	0.37200	NONE	4	68-78 CAR, H440 INDUST.
CONTINENTAL										
01-01148		IN	F SER		1.515	5.1590	0.34100	NONE	1	4&6CYL F SERIES
01-01147		EX	F SER		1.203	5.1720	0.33800	NONE	1	4&6CYL F SERIES
01-00170		EX	Z, F SER		1.203	5.1740	0.33810	NONE		WITH DRILLED STEM
01-00343		IN	Z SER		1.278	3.9890	0.31450	NONE		CONT IND Z SERIES
01-00486		EX	Z SER		1.140	3.9900	0.31280	NONE	1	CON'T IND Z SERIES/ROTOTYPE
CUMMINS										
01-01665		IN	239,359	86-99	1.775	5.0830	0.31350		2	1.775 HEAD
01-01664		EX	239,359	89-99	1.653	5.0830	0.31350	CHROME	1	1.653 HEAD
01-02014	N	IN	5.9 DIESEL	98-09	1.299	4.9070	0.27560		1	
01-02015	N	EX	5.9 DIESEL	98-09	1.299	0.4893	0.27560	CHROME	1	ISB TURBO
01-01667	N	IN	505		2.047	5.9460	0.37360		1	6C SERIES
01-01666	N	EX	505		1.811	5.9370	0.37360		1	6C SERIES
01-02188	N	IN	505		1.496	5.4230	0.31380		1	ISC/QSC SEIES TURBO DIESEL
01-02187	N	EX	505		1.496	5.4240	0.31380		1	ISC/QSC SEIES TURBO DIESEL
01-02255		IN	505		2.047	5.9520	0.37360		1	6C SERIES 12V
01-02254		EX	505		1.811	5.9420	0.37360		1	6C SERIES 12V
01-01663		IN	611		1.673	7.6900	0.37890		1	WITH + SIGN ON HEAD
01-01662S	N	EX	611,659,671		1.673	7.6950	0.37890		1	L10,ISM,M11
01-00602	N	EX	855		1.870	7.0630	0.45050		2	"N" ON HEAD,OEM# 3040830
01-00602S		EX	855		1.875	7.0660	0.45050	NONE	2	"S" OR "J" ON HEAD,OEM# 145701
01-00603		IN	855		1.875	7.0660	0.45050	NONE	2	"O" ON HEAD,OEM# 135957
01-01659S		EX	855	91-95	1.870	7.7260	0.37890		1	N-14
01-01660		IN	855	91-95	1.870	7.7230	0.37890		1	N-14
01-01721S		EX	855		1.875	7.1150	0.45050		2	NH,NT SERIES
01-01756S		IN	855		1.870	7.7500	0.37890		1	N-14; CHECK S/N FOR 3010,4010
01-01847S	N	EX	855		1.870	7.7260	0.37890		1	N-14
01-02262		IN	915		1.870	8.5020	0.37890		1	24 DOHC TURBO DIESEL
01-02263S		EX	915		1.790	8.8100	0.37890		1	24 DOHC TURBO DIESEL
DETROIT DIESEL										
01-13001		EX	50 SER		1.556	8.4970	0.34290		1	50/60 SERIES 519,775,858
01-01018		EX	53 SER		1.090	5.5515	0.24830	NONE	1	4 VALVE HEAD
01-01018		EX	53 SER. 212		1.090	5.5520	0.24840		1	OEM # 5199323 EXC. TURBO
01-01567		IN	60 SER		1.732	8.4980	0.34210		1	CHECK S/N FOR 3010,4010 SER
01-01566		EX	60 SER		1.576	8.4980	0.34210		1	CHECK S/N FOR 3010,4010 SER
01-01500		EX	71 SER		1.180	5.5290	0.31030	CHROME	1	CHECK S/N FOR 3010,4010 SER
01-01429S	N	EX	71 SER. 142,284		1.180	5.5290	0.31040		1	OEM # 5149386
01-01366		EX	92 SER		1.380	5.5280	0.31030		1	CHECK S/N FOR 3010,4010 SER
FORD										
01-10562	N	IN	2.0	93-97	1.240	3.5340	0.23500		1	VIN A MAZDA
01-10563	N	EX	2.0	93-97	1.089	3.5430	0.23540		1	VIN A MAZDA
01-02044		IN	120	96	1.736	5.2560	0.31630		3	VIN P DUAL PORT
01-01936		EX	120	97-99	1.457	5.1080	0.31510		3	VIN P
01-01745		IN	121	95-8/17/98	1.260	3.8230	0.23760		1	ZETEC VIN 3,Z
01-01746		EX	121	95-98	1.102	3.8010	0.23690		1	ZETEC
01-02006	N	IN	121,140,152	04-12	1.378	4.0730	0.21560		1	
01-02007	N	EX	121,140,152	04-12	1.181	4.1200	0.21530		1	
01-00348		EX	134-192	53-78	1.510	4.9830	0.34065	NONE	1	134,172,192
01-01597		EX	140	74-94	1.505	4.8070	0.34145	CHROME	4	74-94, NON-TURBO ALL PASS. CAR, & ALL 77-94 TRK.
01-01598		IN	140,153	84-94	1.735	4.7870	0.34190		4	OHV,SOHC,HSC
01-01743		IN	140,153	95-00	1.735	4.7870	0.27500		3	1.735 HEAD
01-01744		EX	140,153	95-00	1.500	4.8070	0.27400		3	1.500 HEAD
01-01597		EX	140HSC	84-94	1.505	4.8070	0.34145	CHROME	4	84-94 HSC
01-00564	N	EX	144,170,200	60-83	1.268	4.2600	0.31000		1	CAR VIN U,B,T,X; TRK VIN D,S,F,U
01-01597		EX	153HSC	86-91	1.505	4.8070	0.34145	CHROME	4	
01-01654		IN	158-401		1.807	5.7470	0.37200		1	158,175,192,201,233,401
01-01653		EX	158-401		1.807	5.7470	0.37200		1	158,175,192,201,233,401
01-01695S		EX	158,175,201		1.500	5.7450	0.37040		2	FORD TRACTOR

ENGINE PRO #	NE W	IN/EX	ENGINE	YEARS	HEAD DIAMETER	OVERALL LENGTH	STEM DIAMETER	STEM COATING	KEEPER GROVE	DESCRIPTION/ NOTES/ YEARS
FORD (Continued)										
01-01268		IN	170	65-72	1.656	4.2640	0.31035	NONE	1	
01-01266		EX	170	65-72	1.388	4.2640	0.31000	CHROME	1	
01-00376		IN	172	58-64	1.647	5.0900	0.34200	NONE	1	
01-10386		EX	177	86-88	1.417	4.1345	0.31525		3	1.417 HEAD
01-02046		IN	183	86-08	1.661	4.6370	0.27500		3	VIN U,1,2
01-01535		EX	183	86-00	1.372	4.6145	0.31250	CHROME	3	VIN -U, FORD ENG.
01-01787		IN	183	96-00	1.378	4.5100	0.23560		3	SOHC
01-02047		EX	183	86-08	1.371	4.6150	0.27400		3	VIN U,1,2
01-01788		EX	183	96-00	1.181	4.5460	0.23460		3	SOHC
01-00627		IN	200	63-64	1.531	4.2610	0.31000	NONE	1	CAR
01-01266		EX	200	65-81	1.388	4.2640	0.31000	CHROME	1	
01-01268		IN	200	65-76	1.656	4.2640	0.31035	NONE	1	FORD IND. 68-70
01-01357	N	IN	200,250	63-83	1.751	4.2600	0.31030		1	FORD PASS/ IND
01-00373		IN	223-312	54-66	1.780	5.1100	0.34195	NONE	1	223,272,292,312
01-00375		EX	223	54-64	1.512	5.0900	0.34180	NONE	1	
01-01470		IN	232	82-95	1.782	4.8400	0.34195		4	1.782 HEAD
01-01469		EX	232	82-95	1.460	4.8450	0.34145	CHROME	4	
01-01789		IN	232	96-00	1.860	4.8400	0.27490		3	1.860 HEAD
01-01791		EX	232	96-00	1.460	4.8440	0.27490		3	1.460 HEAD
01-00212		BOTH	239	48-50	1.510	4.8195	0.34100	NONE	1	FORD FLAT HEAD
01-00375		EX	239	54-55	1.512	5.0900	0.34180	NONE	1	
01-00963		IN	240/300	65-74	1.780	4.8170	0.34195	NONE	1	FORD 6 CYL.
01-01177S		EX	240	65-74	1.559	4.8100	0.34195	CHROME	1	HEAVY DUTY
01-01913		IN	244	97-00	1.811	4.5240	0.27440		3	1.811 HEAD
01-10388		EX	244	90-97	1.360	4.0980	0.31525	CHROME	3	VIN CODE X, OHV ENG.
01-01914		EX	244	97-00	1.535	4.5240	0.27340		3	1.535 HEAD
01-01268		IN	250	69-76	1.656	4.2640	0.31035	NONE	1	
01-01266		EX	250	69-80	1.388	4.2640	0.31000	CHROME	1	
01-01135		EX	255	82 ONLY	1.460	5.0700	0.34145	CHROME	1	82 ONLY
01-01695S		EX	256,401		1.510	5.7420	0.37080		2	CHECK S/N FOR 3020,4020 SER
01-00375		EX	256	54-55	1.512	5.0900	0.34180	NONE	1	TRUCK
01-00742		EX	260,289	63-65	1.450	4.8630	0.34200	NONE	1	VIN A,C,D,F,K,N
01-00375		EX	272	55-58	1.512	5.0900	0.34180	NONE	1	EXCEPT HEAVY DUTY
01-00494	N	IN	272,292	57-60; 58-63	1.925	5.1100	0.34210		1	CAR & TRK; 58-63 IND.
01-01699		IN	4.6,5.4	97-12	1.750	4.6210	0.27500		3	VIN 6,9,V,W,3,L,M,S,X,Z TRITON SOHC
01-01698		EX	4.6,5.4	97-12	1.340	4.6240	0.27400	CHROME	3	VIN 6,9,V,W,3,L,M,Z TRITON SOHC EXC .CNG & FLEX
01-01709	N	IN	4.6	93-04	1.456	5.3370	0.27500		3	VIN R,V & Y(SUPERCHARGED)
01-01708		EX	4.6	93-04	1.181	4.5780	0.27400		3	VIN R,V & Y(SUPERCHARGED)
01-01924		IN	4.6	00-11	1.752	4.7560	0.27480		3	VIN 6,9,V,W,X SOHC
01-01925		EX	4.6	00-11	1.752	4.7520	0.27500		3	VIN 6,9,V,W,X SOHC
01-02118	N	IN	281,330,415	04-12	1.331	4.6180	0.23560		3	
01-02119	N	EX	281,330,415	04-12	1.479	4.5830	0.23450		3	
01-00947		IN	289	64-65	1.780	4.8590	0.34200	NONE	1	VIN A,C,D,K,N
01-01001		IN	289	FROM 10/4/65-68	1.780	4.8780	0.34195	NONE	1	.365 TIP AFTER 10/4/65
01-01000		EX	289	65-68	1.453	4.8630	0.34145	NONE	1	EXC SPECIAL, ON 10/4/65 .340 TIP LENGTH
01-00376		IN	239,292	58-64	1.647	5.0900	0.34200	NONE	1	
01-00375		EX	292	55-64	1.512	5.0900	0.34180	NONE	1	
01-01120		IN	300	65-95	1.780	4.8100	0.34195	NONE	1	HEAVY DUTY
01-01177S		EX	300	65-84	1.559	4.8100	0.34195	CHROME	1	HEAVY DUTY
01-01358		EX	300	68-79	1.561	4.8160	0.34195	CHROME	1	75-82 TRK, 65-95 INDUSTRIAL
01-01504		EX	300	85-87	1.560	4.7500	0.34195	CHROME	1	E, F, 150/350, U150
01-01504S		EX	300	85-96	1.560	4.7500	0.34195	CHROME	1	1.560 HEAD
01-01505		IN	300(4.9)	85-96	1.781	4.7500	0.34195	CHROME	1	
01-01001		IN	302	68-69	1.780	4.8780	0.34195	NONE	1	EXC SPECIAL BOSS MUSTANG
01-01137		IN	302	69-78	1.780	5.0500	0.34195	NONE	1	78 W/ROCKER ARM STUD
01-01328		IN	302	78-00	1.780	5.0700	0.34195	CHROME	1	86-95 MUSTANG INC. HIGH OUTPUT; 98-00 EXPLORER & MOUNTAINEER
01-01000		EX	302	68-69	1.453	4.8630	0.34145	NONE	1	68-69 TO CHANGE L14
01-01135		EX	302	69-85	1.460	5.0700	0.34145	NONE	1	69-85, 69-77 CHANGE L14 ON, 78 W/ ROCKER ARM STUD
01-01135		EX	302	79-00	1.460	5.0700	0.34145	CHROME	1	69-85 EXC TOWNCAR
01-01327		EX	302,351W	75-83	1.460	5.0720	0.34140		1	1.460 HEAD
01-00375		EX	312	56-60	1.512	5.0900	0.34180	NONE	1	
01-01057S		IN	330-391	64-78	1.755	5.4000	0.37145	NONE	1	330,359,361,389,391
01-01242		EX	332	58-59	1.561	5.4360	0.37150	CHROME	1	
01-01169		EX	351C	70-74	1.656	5.0500	0.34145	CHROME	4	EXC 70-72 4 BBL
01-01170		IN	351C,351M	70-78	2.045	5.2320	0.34200	NONE	4	EXC 70-72 351C 4BBL
01-01171		EX	351C	70-72	1.710	5.0490	0.34150	NONE	4	4BBL CARB
01-01172		IN	351C	70-72	2.195	5.2320	0.34200	NONE	4	4BBL CARB
01-01237		EX	351W	69-74	1.542	5.0700	0.34145	CHROME	1	
01-01380		IN	351M	77-82	2.041	5.2320	0.34195	CHROME	1	
01-01238		IN	351W	69-74	1.844	5.0750	0.34195	NONE	1	351W
01-01328		IN	351W	75-97	1.780	5.0700	0.34195	CHROME	1	EXC POLICE, TRAILER TOWING PACKAGE,LIGHTENING AND VIN R
01-01135		EX	351W	82-97	1.460	5.0700	0.34145	CHROME	1	82-97 EXC 82 PASS, EXC. VIN "R" LIGHTNING
01-00637		IN	352	61-67	2.030	5.4450	0.37145	NONE	1	
01-01242		EX	352	58-67	1.561	5.4360	0.37150	CHROME	1	INCL. HEAVY DUTY
01-00637		IN	360	68-76	2.030	5.4450	0.37145	NONE	1	
01-01242		EX	360	68-76	1.561	5.4360	0.37150	CHROME	1	
01-01242		EX	361	58-59	1.561	5.4360	0.37150	CHROME	1	A, RANGER; B, PACER; CORSAIR EIGHT

Valves by Engine Pro

ENGINE PRO #	NE W	IN/EX	ENGINE	YEARS	HEAD DIAMETER	OVERALL LENGTH	STEM DIAMETER	STEM COATING	KEEPER GROVE	DESCRIPTION/ NOTES/ YEARS
FORD (Continued)										
01-01242		EX	361	58-59	1.561	5.4360	0.37150	CHROME	1	HEAVY DUTY
01-02179		IN	363	03-10	1.339	5.0580	0.27370		1	POWER STROKE VIN P
01-02180		EX	363	03-10	1.102	5.0590	0.27370		1	POWER STROKE VIN P
01-00637		IN	390	61-76	2.030	5.4450	0.37145	NONE	1	W/2BBL CARB; EXC '62 W/4BBL, 3-2BBL
01-01242		EX	390	61-76	1.561	5.4360	0.37150	CHROME	1	W/2 BBL CARB, & CAR HD
01-13182	N	IN	6.4 DIESEL	08-10	1.339	5.1380	0.27380		1	MAXXFORCE 7
01-13183	N	EX	6.4 DIESEL	08-10	1.161	5.1380	0.27380		1	MAXXFORCE 7
01-01170		IN	400	71-78	2.045	5.2320	0.34200	NONE	4	
01-01169		EX	400	71-77	1.656	5.0500	0.34145	CHROME	4	
01-01380		IN	400	78-82	2.041	5.2320	0.34195	CHROME	1	
01-01367		EX	400	78-82	1.656	5.0500	0.34145	CHROME	1	
01-01242		EX	406	62-63	1.561	5.4360	0.37150	CHROME	1	63 SPECIAL; 62 SPECIAL W/4BBL & 3-2 BBL CARB
01-00637		IN	410	66-67	2.030	5.4450	0.37145	NONE	1	
01-01242		EX	410	66-67	1.561	5.4360	0.37150	CHROME	1	INCL. HEAVY DUTY
01-01543		IN	420/6.9 DSL	83-87	1.877	5.6880	0.37200	CHROME	1	IHC DIESEL
01-01542		EX	420/6.9 DSL	83-87	1.595	5.6760	0.37200	CHROME	1	IHC DIESEL
01-01242		EX	428	66-70	1.561	5.4360	0.37150	CHROME	1	LINC/MERC & POLICE
01-00637		IN	428	66-70	2.030	5.4450	0.37145	NONE	1	POLICE
01-01103		IN	429	68-72	2.083	5.2880	0.34200	CHROME	1	EXC POLICE & SPECIAL
01-01102		EX	429	68-72	1.656	5.0790	0.34200	CHROME	1	68-72, EXC. POLICE & SPECIAL
01-01272		IN	429	73	2.083	5.1980	0.34195	CHROME	1	EXC POLICE & SPECIAL
01-01271		EX	429	73	1.656	4.9830	0.34195	CHROME	1	CAR ONLY
01-01548S		IN	429	91-98	1.978	5.1980	0.34150	CHROME	1	TRUCK VIN J, FI
01-01785		IN	445	93-00	1.680	5.8050	0.31220		1	WITH- DIRECT INJECTION
01-01786		EX	445	93-00	1.680	5.7990	0.31220		1	WITH- DIRECT INJECTION
01-01103		IN	429,460	68-72	2.083	5.2880	0.34200	CHROME	1	429 VIN C,J,K,N,P,Z; 460 VIN A,C
01-01102		EX	429,460	68-72	1.656	5.0790	0.34200	CHROME	1	429 VIN C,J,K,N,P,Z; 460 VIN A,C
01-01272		IN	460	73-87	2.083	5.1980	0.34195	CHROME	1	EXC POLICE & SPECIAL
01-01271		EX	460	73-87	1.656	4.9830	0.34195	CHROME	1	ALL EXC. 73-78 POLICE
01-01723		IN	460	76-97	2.083	5.1750	0.34190	CHROME	1	EFI
01-01548S		IN	460	88-97	1.978	5.1980	0.34150	CHROME	1	TRUCK VIN G, FI
01-01368S		EX	460	88-94	1.507	4.9830	0.34190	CHROME	1	
01-01547		EX	460	88-99	1.653	4.9830	0.34190	CHROME	1	
GENERAL MOTORS										
01-10169		IN	61(1.0)	89-00	1.378	3.3130	0.21510		1	SUZ ENGINE
01-10170		EX	61(1.0)	89-00	1.102	3.3110	0.21440	NONE	1	VIN 2, 6, SUZUKI ENG. 3 CYL.
01-02247		IN	98(1.6)	04-08	1.124	3.9990	0.23450		1	E-TEC II VIN 6 16V
01-02248S		EX	98(1.6)	04-08	1.073	3.9820	0.23370		1	E-TEC II VIN 6 16V
01-10520		IN	116(1.9)	91-99	1.274	3.9980	0.27430		1	DOHC VIN 7
01-10521		EX	116(1.9)	91-99	1.081	3.9700	0.27340		1	DOHC VIN 7
01-10786	N	IN	2.0,2.5	99-04	1.297	3.3940	0.23490		1	VIN C J20A SUZUKI
01-10787S	N	EX	2.0,2.5	99-04	1.102	3.3790	0.23390		1	VIN C J20A SUZUKI
01-01705		IN	134(2.2)	92-93	1.732	5.4570	0.31360		1	1.732 HEAD
01-01737		EX	134(2.2)	94-97	1.457	5.1420	0.27380	CHROME	1	94-97 VIN 4, CHEVY ENGINE
01-01902		IN	134(2.2)	98-00	1.732	5.2850	0.27460		1	1.732 HEAD
01-01903		EX	134(2.2)	98-00	1.457	5.0000	0.27380		1	1.457 HEAD
01-01997		IN	133(2.2),146(2.4)	00-08	1.382	4.0260	0.23470		3	ECOTEC
01-02010S		EX	133(2.2),146(2.4)	00-08	1.185	3.9750	0.23430		3	ECOTEC LE5,L61
01-01736		IN	134(2.2)	94-97	1.732	5.4650	0.27420	CHROME	1	VIN-4
01-02040S		EX	2.2,3.0	97-05	1.142	3.6340	0.23400		3	1.142 HEAD
01-01726		IN	138(2.3)	89-95	1.437	4.3300	0.27485	CHROME	1	VIN-A 89; VIN-A, D 90-95
01-01727		EX	138(2.3)	90-95	1.240	4.3100	0.27435	CHROME	1	VIN A, D, OHC & QUAD 4
01-01941		IN	146(2.4)	96-00	1.396	4.2070	0.23330	CHROME	1	VIN-T
01-01937		EX	146(2.4)	96-00	1.141	4.2380	0.23280	CHROME	1	VIN T, OLDS. ENG.
01-01591		EX	151(2.5)	82-91	1.500	4.5410	0.31315	CHROME	1	VIN R(PONTIAC),U
01-00399		IN	153 (2.5)	62-70	1.720	4.9175	0.34130	NONE	2	CHEV & GMC 63-65
01-00400		EX	153 (2.5)	62-70	1.500	4.9230	0.34135	NONE	2	
01-01560		EX	173(2.8)	87-89	1.425	4.7360	0.31360	CHROME	1	87-89 W/ALUM HEADS
01-01481		IN	173(2.8)-207(3.4)	81-95	1.718	4.7050	0.34130		2	173,189,191,207
01-01561		IN	173,189	87-99	1.718	4.7050	0.31395		1	ALUM HEADS
01-13046	N	EX	2.9,3.7,4.2	02-12	1.323	4.8030	0.23430		3	VIN 9(LLV),E(LLR),S(LL8) ISUZU
01-00696		IN	181	MARINE	1.937	4.8815	0.34185	NONE	2	
01-00919		EX	181	80-92	1.600	4.9010	0.34150	CHROME	2	4 CYLINDER MARINE, 181 MERC CRUISER
01-01387	N	EX	181,231,252	66-84	1.500	4.7170	0.34080		1	VIN C,E,L,3,4,7,8,9
01-01388		IN	181(3.0)	82-88	1.710	4.7135	0.34070	NONE	1	VIN L
01-01389		EX	181(3.0)	82-88	1.500	4.7175	0.34080	CHROME	1	VIN L
01-10784		IN	181(3.0)	97-00	1.260	4.0200	0.23470		3	OPEL ENG CATERA
01-01810		IN	189(3.1)	89-99	1.718	4.7050	0.31395		1	VIN M (ALUM HEADS)
01-01560		EX	189(3.1)	89-94	1.425	4.7360	0.31360	CHROME	1	89-94 VIN T, W, WITH ALUM. HEADS
01-01929		IN	189(3.1)	00	1.760	4.6840	0.31390	CHROME	1	VIN-J
01-01811		EX	189(3.1)	89-99	1.425	4.7360	0.31360		1	VIN M (ALUM HEADS)
01-00399		IN	194	62-67	1.720	4.9175	0.34130	NONE	2	STUDE 65-66
01-00400		EX	194	62-67	1.500	4.9230	0.34135	NONE	2	STUDE 65-66
01-01372		IN	200	78-79	1.600	4.8800	0.34130	CHROME	2	1.600 HEAD
01-01929		IN	207(3.4)	96-00	1.760	4.6840	0.31390	CHROME	1	VIN-E
01-01702	N	EX	207(3.4)	91-97	1.260	4.1000	0.27390		1	
01-00400		EX	216	50-53	1.500	4.9230	0.34135	NONE	2	
01-00975		IN	225	64-67	1.625	4.6470	0.34100	NONE	1	BUICK,OLDS,JEEP
01-00976		EX	225	64.67	1.375	4.6460	0.34100	NONE	1	BUICK,OLDS,JEEP
01-01393		IN	229(3.8)	80-84	1.840	4.9130	0.34140	CHROME	2	VIN-9, K
01-01192		EX	229(3.8)	80-84	1.500	4.9230	0.34135	CHROME	2	VIN -9, K CHEVY ENGINE
01-00399		IN	230	63-70	1.720	4.9175	0.34130	NONE	2	CHEVY OHV, STUDE 65-66

ENGINE PRO #	NE W	IN/EX	ENGINE	YEARS	HEAD DIAMETER	OVERALL LENGTH	STEM DIAMETER	STEM COATING	KEEPER GROVE	DESCRIPTION/ NOTES/ YEARS
GENERAL MOTORS (Continued)										
01-00400		EX	230	63-70	1.500	4.9230	0.34135	NONE	2	CHEVY OHV, STUDE 66
01-01388		IN	231	79-88	1.710	4.7135	0.34070	NONE	1	
01-01389		EX	231	78-89	1.500	4.7175	0.34080	CHROME	1	EXC.88 VIN C; FITS 89 VIN 7 TURBO
01-01858		IN	231	95-00	1.772	4.8380	0.37285		1	VIN 1,K EXCEPT '95 VIN 1
01-01735		EX	231	95-00	1.473	4.8550	0.37175		1	VIN 1,K EXCEPT '95 VIN 1
01-00308		IN	235	53-62	1.875	6.3860	0.34135	NONE	2	
01-00400		EX	235	50-62	1.500	4.9230	0.34135	NONE	2	
01-01193		IN	250	81-84	1.720	4.9175	0.34130	CHROME	2	
01-01192		EX	250	66-84	1.500	4.9230	0.34135	CHROME	2	66-84 EXC. LPG
01-00400		EX	250	66-84	1.500	4.9230	0.34135	NONE	2	
01-00399		IN	250	66-84	1.720	4.9175	0.34130	NONE	2	CHEVY OHV
01-01206S		EX	250	66-84	1.500	4.9230	0.34130	CHROME	2	
01-01388		IN	252	80-84	1.710	4.7135	0.34070	NONE	1	VIN-4
01-01389		EX	252	80-84	1.500	4.7175	0.34080	CHROME	1	VIN-4
01-01998		IN	256	02-05	1.457	4.1490	0.23460		3	211,169,256 ENG
01-01999		EX	256	02-05	1.201	4.2460	0.23390		3	211,169,256 ENG
01-01322	N	EX	260	75-82	1.300	4.6800	0.34230		1	VIN 8,F
01-01192		EX	153,194,215,216,229,230, 235,250,262,265,283,30 5,307,350	57-95	1.500	4.9230	0.34135	CHROME	2	85-95, VIN D,E,F,G,H,K,L,N,Q,U,W,Z, 7,8,9
01-01195	N	IN	262,350	67-93	1.940	4.880	0.34140		2	VIN Z,L,7,8 & P (LT1)
01-00696		IN	262	85-95	1.937	4.8815	0.34185	NONE	2	VIN-N, T, W, Z
01-00400		EX	262	75-76	1.500	4.9230	0.34135	NONE	2	V8
01-00399		IN	265	55-57	1.720	4.9175	0.34130	NONE	2	
01-00400		EX	265	55-57	1.500	4.9230	0.34135	NONE	2	
01-00399		IN	267	79-80	1.720	4.9175	0.34130	NONE	2	OLDS VIN-J
01-01193		IN	267	79-82	1.720	4.9175	0.34130	CHROME	2	
01-01192		EX	267	81-82	1.500	4.9230	0.34135	CHROME	2	81-82
01-01707		IN	281	93-99	1.308	4.1690	0.23350		1	1.308 HEAD
01-01706		EX	281	93-99	1.142	3.5640	0.23350		1	1.142 HEAD
01-00399		IN	283	57-67	1.720	4.9175	0.34130	NONE	2	STUDE 65-66
01-00400		EX	283	57-67	1.500	4.9230	0.34135	NONE	2	STUDE 65-66
01-01206S		EX	283	57-67	1.500	4.9230	0.34130	CHROME	2	STUDE 65-66
01-01193		IN	292	63-88	1.720	4.9175	0.34130	CHROME	2	
01-01206S		EX	292	63-84	1.500	4.9230	0.34130	CHROME	2	
01-00399		IN	292(4.8)	63-88	1.720	4.9175	0.34130	NONE	2	
01-01935S		EX	294-364	99-07	1.550	4.9150	0.31360		1	294,323,364 (VORTEC VIN U)
01-01934		IN	294	99-00	1.890	4.8690	0.31360		1	1.890 HEAD
01-00919		EX	302	67-69	1.600	4.9010	0.34150	CHROME	2	
01-00399		IN	305	76-80	1.720	4.9175	0.34130	NONE	2	VIN-G, H, U, 305G
01-00400		EX	305	76-80	1.500	4.9230	0.34135	NONE	2	VIN-G, H, U
01-01393		IN	305	79-95	1.840	4.9130	0.34140	CHROME	2	
01-01192		EX	305	76-95	1.500	4.9230	0.34135	CHROME	2	VIN-7, E, F, G, H, U
01-01294		EX	305	76-95	1.500	4.9230	0.37185	CHROME	2	ALL W/ .371 STEM DIAM.
01-01206S		EX	305	76-95	1.500	4.9230	0.34130	CHROME	2	VIN-7, F, G, H, U
01-01806		IN	305	96-00	1.840	4.8810	0.34120		1	VIN M
01-01807		EX	305	97-00	1.500	4.9200	0.34130		1	VIN M
01-01807S		EX	305,350	96-00	1.500	4.9230	0.34135		1	1.500 HEAD
01-01206S		EX	307	73	1.500	4.9230	0.34130	CHROME	2	SERIES 10/25: BLAZER, JIMMY, SUBURBAN
01-00399		IN	307	68-73	1.720	4.9175	0.34130	NONE	2	EXC 1973 SERIES 10/25; BLAZER, JIMMY, SUBURBAN
01-00400		EX	307	68-73	1.500	4.9230	0.34135	NONE	2	
01-01206S		EX	307	68-73	1.500	4.9230	0.34130	CHROME	2	EXC. 1973 SERIES 10/25: BLAZER, JIMMY, SUBURBAN
01-01354		EX	307	80-89	1.502	4.6880	0.34230	CHROME	1	OLDS. ENG., VIN Y
01-02000		IN	323(5.3),350(5.7), 364(6.0)	97-09	2.000	4.8690	0.31360		1	VIN C (LS4 ALUM.BLOCK),G(LS1), S(LS6),U(LS2 VORTEC)
01-01935	N	EX	323(5.3),350(5.7), 364(6.0)	97-09	1.551	4.9150	0.31360		1	VIN C(LS4 ALUM.BLOCK),G(LS1), S(LS6),U(LS2 VORTEC)
01-00399		IN	327	62-68	1.720	4.9175	0.34130	NONE	2	ALL W/1.72" HEAD DIAMETER
01-00400		EX	327	62-69	1.500	4.9230	0.34135	NONE	2	(62-65)ALL W/1.72" INTAKE HEAD DIA., 62-69 ALL W/1.94" INTAKE HEAD DIA.
01-01206S		EX	327	62-69	1.500	4.9230	0.34130	CHROME	2	
01-00919		EX	327	64-69	1.600	4.9010	0.34150	CHROME	2	ALL W/2.02" INTAKE HEAD DIA.
01-00969		IN	330/350	65-72	1.875	4.7430	0.34250	NONE	1	EXC OUTSIDE AIR INDUCTION
01-00970		EX	330/350	65-72	1.561	4.7280	0.34200	NONE	1	EXC OUTSIDE AIR INDUCTION
01-00919		EX	350(5.7)	69-79	1.600	4.9010	0.34150	CHROME	2	CHEVY HI-PERF
01-00696		IN	350(5.7)	67-92	1.937	4.8815	0.34185	NONE	2	STD ENGINE EXC. VIN 7, GAS LPG ENGINE; OLDS VIN-G, L
01-00400		EX	350(5.7)	67-92	1.500	4.9230	0.34135	NONE	2	77-79 OLDS VIN-G, L
01-01206S		EX	350(5.7)	67-96	1.500	4.9230	0.34130	CHROME	2	VIN-7, E, K, L, M, P; GAS, LPG ENGINE
01-00399		IN	350	69-70	1.720	4.9175	0.34130	NONE	2	
01-00988		IN	350	69-79	2.020	4.8850	0.34150	CHROME	2	HIGH PERFORMANCE
01-01192		EX	350	67-96	1.500	4.9230	0.34135	CHROME	2	CHEVY ENG.,
01-00399		IN	350	71-80	1.720	4.9175	0.34130	NONE	2	GAS, LPG ENGINE
01-01294		EX	350	71-96	1.500	4.9230	0.37185	CHROME	2	ALL EXC. VIN L, M, N, R, Z,
01-01245		EX	350	73-77	1.660	4.9590	0.34100	CHROME	2	73-77 EXC. 73 YJ & YW and 75-76 VENTURA
01-01354		EX	350	77-80	1.502	4.6880	0.34230	CHROME	1	77-80, VIN 8, B, R
01-01263		IN	350	73-80	1.875	4.6670	0.34280	NONE	1	
01-01324		EX	350	73-80	1.622	4.6750	0.34230	CHROME	1	1.622 HEAD
01-00399		IN	350	81-86	1.720	4.9175	0.34130	NONE	2	VIN-E, K, M, P

Valves by Engine Pro

ENGINE PRO #	NE W	IN/EX	ENGINE	YEARS	HEAD DIAMETER	OVERALL LENGTH	STEM DIAMETER	STEM COATING	KEEPER GROVE	DESCRIPTION/ NOTES/ YEARS
GENERAL MOTORS (Continued)										
01-01931		IN	350	94-96	1.937	4.8815	0.34185		1	VIN P
01-01161		IN	350-455	71-77	2.110	4.9830	0.34150	CHROME	2	PONT 350,400,455
01-01296		IN	350,400	70-74	1.960	4.9800	0.34150	NONE	2	1.960 HEAD
01-01098		IN	350-428	67-70	2.110	5.0970	0.34150	CHROME	2	350,400,428 PONT
01-01097		EX	350-428	67-70	1.775	5.0900	0.34100	CHROME	2	350,400,428 PONT
01-01160		EX	350-455	67-73	1.770	4.9750	0.34100	CHROME	2	PONT 350,400,455
01-13040	N	IN	364(6.0),378(6.2)	02-08	2.165	4.8700	0.31350		1	
01-13042	N	EX	364(6.0),376,378(6.2)	02-08	1.590	4.9140	0.31360		1	
01-00997		IN	366	66-97	1.844	5.2270	0.37185	CHROME	1	
01-00996S		EX	366	66-84	1.660	5.3760	0.37165	CHROME	1	1ST DESIGN,
01-01235S		EX	366,427	85-94	1.660	5.3670	0.37160	CHROME	1	HD APPLICATIONS
01-01482S	N	EX	379 DIESEL	82-93	1.496	5.1080	0.3718T		2	VIN C J
01-01484		IN	381,395	82-94	1.812	5.1080	0.34130		2	INCL TURBO DIESEL
01-01780S		EX	381,395	89-00	1.535	5.1080	0.37150		2	395 '89-93 VIN C/ 395 '92-00
01-00958		IN	389/421	63-66	1.920	4.8930	0.34100	NONE	2	1.920 HD
01-01107		IN	396	65-70	2.065	5.2230	0.37200	NONE	1	EXC ALUMINUM HEADS
01-01106		EX	396	65-70	1.720	5.3590	0.37150	CHROME	1	CAST IRON HEAD
01-01164		IN	396-454	65-72	2.190	5.2250	0.37200	CHROME	1	CHEV-HI-PERFORMANCE
01-01131		EX	396-454	66-76	1.875	5.3550	0.37180	CHROME	1	CHEV 396,427,454
01-00974		EX	400	66-69	1.625	4.6930	0.34200	CHROME	1	3.870 68-69; 4.000 65-67
01-01192		EX	400	70-80	1.500	4.9230	0.34135	CHROME	2	SMALL BLOCK
01-00919		EX	400(6.6)	70	1.600	4.9010	0.34150	CHROME	2	
01-01107		IN	400(6.6)	70-72	2.065	5.2230	0.37200	NONE	1	W/4BBL CARB BIG BLOCK
01-01106		EX	400(6.6)	70-72	1.720	5.3590	0.37150	CHROME	1	W/4 BBL CARB BIG BLOCK
01-00696		IN	400(6.6)	70-80	1.937	4.8815	0.34185	NONE	2	
01-00400		EX	400(6.6)	70-80	1.500	4.9230	0.34135	NONE	2	
01-00399		IN	400(6.6)	74-80	1.720	4.9175	0.34130	NONE	2	
01-01002		IN	400-455	66-76	2.063	4.7070	0.34250	NONE	1	OLDS 400,425,455
01-01107		IN	402	70-73	2.065	5.2230	0.37200	NONE	1	ALL EXC. HI PERF.
01-01106		EX	402	70-73	1.720	5.3590	0.37150	CHROME	1	ALL EXC HI-PERF
01-01457		IN	403	77-79	1.995	4.7070	0.34300	NONE	1	
01-01354		EX	403	77-79	1.502	4.6880	0.34230	CHROME	1	OLDS. ENGINE
01-02175	N	IN	403(6.6) DIESEL	01-12	1.299	4.9750	0.27390		1	VIN 1.2.3.6.8.D.L
01-02176	N	EX	403(6.6) DIESEL	01-12	1.220	4.9630	0.27300		1	VIN 1.2.3.6.8.D.L
01-00974		EX	425	65-67	1.625	4.6930	0.34200	CHROME	1	HI-PERF
01-01107		IN	427	66-69	2.065	5.2230	0.37200	NONE	1	EXC ALUMINUM HEADS
01-01106		EX	427(7.0)	66-69	1.720	5.3590	0.37150	CHROME	1	STANDARD ENGINE
01-01087		IN	427T	69-73, 85-96	1.940	5.2380	0.37150	CHROME	1	
01-00996S		EX	427T	69-78	1.660	5.3760	0.37165	CHROME	1	
01-00997		IN	427T	74-84	1.844	5.2270	0.37185	CHROME	1	
01-01261S		EX	454	82-00	1.720	5.3560	0.37160	CHROME	1	
01-01107		IN	454	70-00	2.065	5.2230	0.37200	NONE	1	SERIES 10-35; MOTOR HOME, VIN B, J, N, W; 71-00 HD
01-01106		EX	454	70-83	1.720	5.3590	0.37150	CHROME	1	STANDARD ENGINE, TRK SERIES 10-35; MOTOR HOME
01-01578S		EX	454	84-88	1.720	5.3540	0.37150		1	WITH STAINLESS STL EXC MANUAL
01-01457		IN	455	68-76	1.995	4.7070	0.34300	NONE	1	W/45 DEGREE SEAT ANGLE
01-00974		EX	455	68-76	1.625	4.6930	0.34200	CHROME	1	W/45 DEGREE SEAT ANGLE
01-01084	N	IN	472,500	68-76	2.000	5.2330	0.34200		1	CADILLAC
01-01083	N	EX	472,500	68-76	1.625	5.2460	0.34180		1	CADILLAC
01-02101	N	IN	496	01-07	2.187	5.2240	0.37170		1	VIN G VORTEC
01-02126S		EX	496	01-07	1.720	5.3950	0.37110		1	VIN G VORTEC
HONDA										
01-10188	N	IN	1.5	84-87	1.063	4.4370	0.25900		1	EW1,EW3,EW4,D15A3
01-10190	N	IN	1.5,1.6	88-91	1.142	4.5260	0.21590		1	D15B1,B2,6,B7,B8,D16A6
01-10191	N	EX	1.5,1.6	88-91	0.984	4.6750	0.21480		1	D15B1,B2,6,B7,B8,D16A6
01-10195		IN	2.0	88-97	1.300	4.1100	0.25900		1	B20A5,C25A1,C27A1
01-10196		EX	2.0	88-01	1.104	4.1680	0.25800		1	B20A5-B21A1,B18A1,B18B1
01-10524		IN	1590CC	92-99	1.181	4.6680	0.21590		1	D16Z6,D16Y5,7,8 VTEC
01-10525		EX	1590CC	92-99	1.024	4.5650	0.21480		1	D16Z6,D16Y5,7,8 VTEC
01-10742		IN	1972CC	96-99	1.224	4.1520	0.25920		1	B20B4,B20Z2/1834CC B18A1
01-10197		IN	2156CC	90-97	1.339	4.4110	0.21570		1	F22A,A1,A6
01-10198		EX	2156CC	90-97	1.142	4.8620	0.21480		1	F22 A,A1,A6,F22B2
01-10541	N	IN	2.2,2.3,3.0,3.5	97-03	1.339	4.5670	0.21610		1	F22B1,F23A1,4,5,7,J30A1,J35A1
01-10543	N	IN	2.2	93-01	1.378	4.2010	0.21550		1	H22A1,H22A4
01-10544	N	EX	2.2	93-01	1.181	4.2100	0.21530		1	H22A1,H22A4
01-10542		EX	2254	94-99	1.142	4.4960	0.21480		1	F22B1/F23A1,A4,A5/J30A1
01-10206		IN	2259CC	92-96	1.339	4.0800	0.25920		1	H23A1, DOHC
01-10207		EX	2259CC	92-96	1.142	4.0440	0.25790		1	H23A1, DOHC
01-10221S		EX	2559CC	94-97	1.453	4.2600	0.31230		1	4ZE1
01-10219	N	IN	2.3,2.6	88-96	1.736	4.2800	0.31300		1	4ZD1,(ISUZU,4ZE1 (HONDA/ISUZU)
01-13172	N	IN	2.4	02-11	1.378	4.2910	0.21570		1	K24A1,A4,A8,K24Z1,Z6
01-13173	N	EX	2.4	02-11	1.181	4.2800	0.21480		1	K24A1,A4,A8,K24Z1,Z6
01-10778		IN	3.0-3.5L	02-10	1.378	4.5670	0.21600		1	J30A5,J35A4,A7,A9/J35Z1
01-10779		EX	3.0-3.5L	02-10	1.181	4.4960	0.21480		1	J30A5,J35A4,A7,A9/J35Z1
01-10739	N	IN	3.2,3.5	98-04	1.338	4.0880	0.23470		1	6VD1W,VIN X 6VE1 (HONDA/ISUZU)
01-10740	N	EX	3.2,3.5	98-04	1.142	4.0730	0.23440		1	6VD1W,VIN X 6VE1 (HONDA/ISUZU)
HYUNDAI										
01-10547		IN	1495CC	93-02	1.079	3.8980	0.23480		1	G4EK 12V ALPHA I
01-10549		EX	1495CC	93-02	1.260	3.8700	0.23440		1	G4EK 12V ALPHA I
01-10813	N	EX	1495CC,1599CC	96-11	0.984	3.6380	0.23420		1	VIN N G4EK,VIN C G4ED
01-13047		IN	1599	01-11	1.146	3.6140	0.23450		1	16V VIN C G4ED ALPHA II
01-10723		IN	1.8-2.0L	96-01	1.257	4.0310	0.23490		1	DOHC 16V/ G4GM/ G4GF

ENGINE PRO #	NE W	IN/EX	ENGINE	YEARS	HEAD DIAMETER	OVERALL LENGTH	STEM DIAMETER	STEM COATING	KEEPER GROVE	DESCRIPTION/ NOTES/ YEARS
HYUNDAI (Continued)										
01-10724		EX	1.8-2.0L	96-01	1.081	4.1260	0.23390		1	DOHC 16V / G4GM/ G4GF
01-10126		IN	1.6,1.8,2.0,2.4	92-05	1.198	4.3160	0.25750	CHROME	1	VIN R,M,F,S, G4GR,G4CN,G4CP G463, G4SG 4G64 MITSUBISHI
01-10128		EX	1.6,1.8,2.0,2.4	92-05	1.198	4.3160	0.25750	CHROME	1	VIN R,M,F,S, G4GR,G4CN,G4CP G463, G4SG 4G64 MITSUBISHI
01-10808	N	IN	2.5,2.7	99-10	1.260	3.7810	0.23500		1	G6BV DELTA,G6BA DELTA
01-10809	N	EX	2.5,2.7	99-10	1.083	3.8230	0.23450		1	G6BV DELTA,G6BA DELTA
01-10810	N	IN	3.0,3.5	01-06	1.378	4.1830	0.25850		1	XG300 SIGMA,VIN 1,4 SIGMA
01-10811	N	EX	3.0,3.5	01-06	1.201	4.1500	0.25740		1	XG300 SIGMA,VIN 1,4 SIGMA
I.H.C. NAVISTAR										
01-00313		IN	123		1.342	4.9370	0.34100	NONE	2	IHC TRACTOR 4 CYL
01-01075S	N	EX	157,169,175		1.516	5.0530	0.37150		1	IHC TRACTOR L4/ I6
01-00922	N	IN	236,282,301		1.679	6.0350	0.37200		1	IHC TRACTOR
01-00921	N	EX	236,282,301		1.375	6.0600	0.37200		1	IHC TRACTOR
01-00560		IN	304/345		1.977	5.2280	0.37250	NONE	2	TRUCK/IND V304& V345
01-00559S		EX	304/345		1.608	5.4740	0.37200	NONE	2	TRUCK/IND V304& V345
01-13182	N	IN	6.4 DIESEL	08-10	1.339	5.1380	0.27380		1	MAXXFORCE 7
01-13183	N	EX	6.4 DIESEL	08-10	1.161	5.1380	0.27380		1	MAXXFORCE 7
01-01899	N	IN	408(6.7),466(7.6),530(8.7)		1.970	5.7890	0.31240		1	TRACTOR,DT408
01-01900	N	EX	408(6.7),466(7.6),530(8.7)		1.600	5.7900	0.31120		1	TRACTOR,DT408
01-01943	N	IN	408(6.7),466(7.6),530(8.7)		1.970	5.7870	0.37220		1	TRACTOR,DT408
01-01944S	N	EX	408(6.7),466(7.6),530(8.7)		1.600	5.7870	0.37140		1	TRACTOR,DT408
01-01423		IN	414-466		1.970	5.7870	0.37215		1	414,436,466
01-01422		EX	414-466		1.600	5.7870	0.37215	CHROME	1	414,436,466
01-01945	N	IN	466(7.6),530(8.7)		1.786	5.9920	0.37220		1	
01-02131		IN	466(7.6),530(8.7)		1.970	5.9920	0.37220		1	
01-13002	N	IN	466(7.6),570(9.3)		1.564	5.8260	0.31210		1	MAXXFORCE DT,MAXXFORCE 9
01-01946S	N	EX	466(7.6),530(8.7)		1.786	5.9920	0.37140		1	
JEEP										
01-00122		IN	134	41-65	1.531	5.8150	0.37270	NONE	1	JEEP L-HEAD
01-00121		EX	134	41-65	1.468	5.8050	0.37150	NONE	1	JEEP L-HEAD
01-00302		IN	134	50-73	2.000	4.7890	0.37330	NONE	1	JEEP F HEAD
01-00303		EX	134	50-73	1.468	5.9080	0.37150	NONE	1	JEEP F HEAD
JOHN DEERE										
01-01234		IN	152-etc		1.772	5.1570	0.37200	CHROME	2	3,4,6 CYL DIESEL; SEE CATALOG
01-01233		EX	152-etc		1.575	5.1570	0.37200	CHROME	2	152,164,179,219,239,276,etc
01-01589		IN	SARAN		1.835	5.2780	0.31000		1	CHECK S/N FOR 3010,4010 SER
01-01588		EX	SARAN		1.673	5.2570	0.30950	CHROME	1	DIESEL ENGINE
01-01288		EX	270,404		1.715	6.2270	0.37200	CHROME	2	CHECK S/N FOR 3020,4020 SER
01-01289		IN	270,404		1.902	6.2450	0.37200	CHROME	2	CHECK S/N FOR 3020,4020 SER
01-01336S	N	IN	270,404,466		1.902	6.1480	0.37200		2	DIESEL ENGINE
01-01375	N	EX	270,404,466		1.715	6.1330	0.37200		1	DIESEL ENGINE
01-01377		EX	404,466		1.715	6.2080	0.37200		1	CHECK S/N FOR 3010,4010 SER
01-01403		IN	466		1.715	6.1920	0.37200	CHROME	2	TURBO DIESEL
01-01587		IN	466,496		2.008	6.0600	0.37300	CHROME	1	CHECK S/N FOR 3010,4010 SER
01-01586		EX	466,496		1.850	6.1740	0.37200	CHROME	1	CHECK S/N FOR 3010,4010 SER
KIA										
01-02194	N	IN	1493CC (1.5)	01-02	1.094	3.7980	0.21540		1	G4EK ALPHA II
01-02195	N	EX	1493CC (1.5)	01-02	0.980	3.7640	0.21410		1	G4EK ALPHA II
01-10813	N	EX	1495CC,1599CC	96-11	0.984	3.6380	0.23420		1	VIN N G4EK,VIN C G4ED
01-13038		IN	1594CC	03-05	1.150	3.7830	0.21540		1	DOHC/16V-A6D
01-13039		EX	1594CC	03-05	1.015	3.7400	0.21430		1	DOHC/16V-A6D
01-02196		IN	1793CC	98-04	1.240	4.0520	0.23520		1	16V DOHC VIN 1 5BP
01-02197		EX	1793CC	98-04	1.063	3.9930	0.23520		1	16V DOHC VIN 1 5BP
01-10126		IN	2.4	01-05	1.198	4.3160	0.25750	CHROME	1	VIN 6, G4JS MITSUBISHI
01-10128		EX	2.4	01-05	1.198	4.3160	0.25750	CHROME	1	VIN 6, G4JS MITSUBISHI
01-10808	N	IN	2.5,2.7	99-10	1.260	3.7810	0.23500		1	G6BV DELTA,G6BA DELTA
01-10809	N	EX	2.5,2.7	99-10	1.083	3.8230	0.23450		1	G6BV DELTA,G6BA DELTA
01-10810	N	IN	3.0,3.5	01-06	1.378	4.1830	0.25850		1	XG300 SIGMA,VIN 1,4 SIGMA
01-10811	N	EX	3.0,3.5	01-06	1.201	4.1500	0.25740		1	XG300 SIGMA,VIN 1,4 SIGMA
KOMATSU										
01-00603		IN	855		1.875	7.0660	0.45050	NONE	2	"O" ON HEAD,OEM# 135957
01-00602	N	EX	855		1.870	7.0630	0.45050		2	"N" ON HEAD,OEM# 3040830
01-00602S		EX	855		1.875	7.0660	0.45050	NONE	2	"S" OR "J" ON HEAD,OEM# 145701
MACK										
01-01928S	N	IN	672		1.694	7.0560	0.37250		1	E6350,E7,ETECH & ASET 4 VALVE
01-01570		EX	672		1.570	6.8720	0.37150		1	E6350,E7 4 VALVE
01-02095	N	EX	672		1.573	6.9920	0.37150		1	E7 ETECH & ASET 4 VALVE
MAZDA										
01-10562	N	IN	1.8,2.0	93-03	1.240	3.5340	0.23500		1	FP,FS-DE,FS-DE TURBO
01-10563	N	EX	1.8,2.0	93-03	1.089	3.5430	0.23540		1	FP,FS-DE,FS-DE TURBO
01-10236		IN	2.0,2.2	83-93	1.732	4.4060	0.31700		1	B2000,B2200 TRUCK
01-10237		EX	2.0,2.2	83-93	1.418	4.3990	0.31600		1	B2000,B2200 TRUCK
01-01536		IN	183(3.0)	86-00	1.662	4.6135	0.31300	CHROME	3	VIN-U
01-10387		IN	244(4.0)	90-98	1.710	4.0920	0.31630	CHROME	1	VIN-X; OHV

Valves by Engine Pro

ENGINE PRO #	NEW	IN/EX	ENGINE	YEARS	HEAD DIAMETER	OVERALL LENGTH	STEM DIAMETER	STEM COATING	KEEPER GROOVE	DESCRIPTION/ NOTES/ YEARS
MERCURY MARINE										
01-02101	N	IN	496		2.187	5.2240	0.37170		1	MERCUISER CHEV VORTEC 8100
01-02126S		EX	496		1.720	5.3950	0.37110		1	MERCUISER CHEV VORTEC 8100
MITSUBISHI										
01-10126		IN	1.6,2.0,2.4	92-99	1.198	4.3160	0.25750	CHROME	1	VIN Z 4G61, VIN Y,VIN C,D,E,R,F,U 4G63,4G64
01-10128		EX	1.6,2.0,2.4	92-99	1.198	4.3160	0.25750	CHROME	1	VIN Z 4G61, VIN Y,VIN C,D,E,R,F,U 4G63, 4G64
01-10498	N	IN	1.8,2.0	92-07	1.181	4.3380	0.23540		1	VIN C,D 4G93, VIN E 4G94
01-10499	N	EX	1.8,2.0	92-07	1.063	4.4800	0.23450		1	VIN C,D 4G93, VIN E 4G94
01-10534		IN	143(2.4)	93-98	1.299	4.4240	0.23480	NITRIDE	1	VIN-B, G; DOHC
01-10534		IN	152(2.5)	95-99	1.299	4.4240	0.23480	NITRIDE	1	VIN-2, H, N; SOHC
01-10500		IN	181(3.0),213(3.5)	91-96	1.375	4.1560	0.25770	CHROME	1	VIN-B, C, J, K 6G72 DOHC
01-10501		EX	181(3.0),213(3.5)	91-96	1.199	4.1560	0.25770	CHROME	1	VIN-B, C, J, K 6G72 DOHC
01-02036	N	EX	226(3.7)	06-09	1.457	4.5390	0.27220		3	VIN K
01-10535		EX	2972	97-98	1.142	4.4950	0.23420	NITRIDE	1	97-98 6G72, DOHC INCLUDES TURBO 24 VALVE
01-10535		EX	3490	96-98	1.142	4.4950	0.23420	NITRIDE	1	5/96-98 6G74
NISSAN										
01-10224	N	IN	1.6,1.8	91-06	1.181	3.6320	0.21530		1	VIN A,E,P GA16DE, QG18DE
01-10536	N	EX	1.6,1.8	95-06	0.984	3.6460	0.21460		1	VIN A,E,P GA16DE, QG18DE
01-02243		IN	121		1.384	4.3190	0.27450		1	H-20, H-25 FORKLIFT
01-02244		EX	121		1.185	4.2990	0.27350		1	H-20, H-25 FORKLIFT
01-10268	N	IN	2.0,2.2,2.4	80-88	1.658	4.8990	0.31400		1	VIN P Z20E,VIN H Z20S,VIN M Z22, VIN R Z22E,VIN N Z24,VIN S Z24I
01-10269	N	EX	2.0,2.2,2.4	80-88	1.500	4.9400	0.31300		1	VIN P Z20E,VIN H Z20S,VIN M Z22, VIN R Z22E,VIN N Z24,VIN S Z24I
01-10793	N	EX	2.4	91-04	1.232	3.8890	0.27400		1	VIN A,B,D,M KA24DE
01-10273		IN	2389CC	88-95	1.344	4.7770	0.27450		1	K24E,KA24E
01-10274S		EX	2389CC	88-95	1.578	4.8140	0.31300		1	K24E,KA24E
01-10792		IN	2389CC	98-04	1.441	3.9860	0.27450		1	KA24DE 16V DOHC
01-10281		IN	2960(3.0),3275(3.3)	84-98,96-04	1.657	4.9450	0.27450	NITRIDE	1	VIN 1,C,H,W,VG30,VG30E,I,T, VG33E,VIN A VG33ER
01-10282		EX	2960(3.0)	84-95	1.382	4.9010	0.31385	NITRIDE	1	VIN 1,C,H,W,VG30,VG30E,I,T
01-10284	N	IN	2960(3.0)	90-96	1.339	4.0600	0.23540		1	VIN R VG30DE, VIN C VG30DETT TURBO
01-10285S	N	EX	2960(3.0)	90-96	1.164	4.0810	0.23430		1	VIN R VG30DE, VIN C VG30DETT TURBO
01-13077	N	IN	2.5	02-12	1.405	3.8260	0.23510		1	VIN R L26
01-13078	N	EX	2.5	02-12	1.206	3.8910	0.23470		1	VIN R L26
01-13213	N	IN	1.8,2.0	07-12	1.337	4.1850	0.21540		1	NISSAN
01-13214	N	EX	1.8,2.0	07-12	1.093	4.1450	0.21510		1	NISSAN
01-13220	N	IN	3.5	07-12	1.449	3.8250	0.23520		1	INF/NISSAN
01-13221	N	EX	3.5	07-12	1.195	3.7300	0.23490		1	INF/NISSAN
PERKINS										
01-00874		IN	152-305		1.531	4.4980	0.31150	NONE	1	152,203,305 ENGINES
01-00873		EX	152-305		1.313	4.5030	0.31150	NONE	1	152,203,305 ENGINES
01-00883		IN	236-354		1.743	4.8290	0.37300	NONE	1	236/248/354 GAS/DIESEL ENG
01-00882		EX	236-354		1.442	4.8540	0.37250	NONE	1	236/248/354 GAS/DIESEL ENG
SUBARU										
01-10806		IN	2.2,2.5	99-12	1.417	4.7480	0.23440		1	SOHC&DOHC NON TURBO
01-10807		EX	2.2,2.5	99-12	1.239	4.7910	0.23430		1	SOHC&DOHC NON TURBO
01-13139S		IN	2458CC	97-98	1.417	4.1690	0.23460		1	DOHC,16V,VIN6 EJ25D
01-13140S		EX	2458CC	97-98	1.260	4.1810	0.23420		1	DOHC 16V VIN6 EJ25D
SUZUKI										
01-10172		IN	1.3,1.6	89-00	1.441	4.5500	0.27440		1	SUZ ENGINE
01-10173S		EX	1.3,1.6	89-00	1.278	4.5060	0.27360		1	SUZ ENGINE
01-10786	N	IN	1.8,2.0,2.5,2.7	96-08	1.297	3.3940	0.23490		1	VIN 2.4 J18A,VIN C J20A,H25,H27A
01-10787S	N	EX	1.8,2.0,2.5,2.7	96-08	1.102	3.3790	0.23390		1	VIN 2.4 J18A,VIN C J20A,H25,H27A
01-13077	N	IN	2.5	09-12	1.405	3.8260	0.23510		1	NISSAN QR25DE
01-13078	N	EX	2.5	09-12	1.206	3.8910	0.23470		1	NISSAN QR25DE
TOYOTA/LEXUS/SCION										
01-10309		IN	1456CC	87-94	0.941	3.6160	0.23500	NONE	1	REAR SUB
01-10310		IN	1456CC	87-94	1.181	3.6350	0.23500		1	3E,3EE,3FE
01-10311		EX	1456CC	87-94	1.221	3.6320	0.23500	NONE	1	3E, 3EE, 3FE TERCEL
01-02241	N	IN	1497CC(1.5)	00-12	1.205	3.5140	0.19570		1	1NZFE,1NZFXE
01-02240	N	EX	1497CC(1.5)	00-12	1.004	3.4610	0.19570		1	1NZFE,1NZFXE
01-10736		EX	1762CC	93-99	1.081	3.4910	0.21540		1	1ZZFE,7AFE
01-10780		IN	1794CC	00-08	1.220	3.4900	0.21560		1	1ZZFE
01-10781		EX	1794CC	00-08	1.024	3.4920	0.21550		1	1ZZFE
01-10421		IN	1998CC	96-99	1.260	3.8420	0.23510		1	3SFE
01-10420		EX	1998CC	96-99	1.063	3.8760	0.23510		1	3SFE
01-10322		IN	2.0,2.2	84-90	1.576	4.2580	0.31400		1	3YEC,4YEC,4Y-VAN,FORKLIFT
01-10323		EX	2.0,2.2	84-90	1.416	4.2680	0.31400		1	3YEC,4YEC,4Y-VAN,FORKLIFT
01-10798	N	IN	2.0,2.4	01-13	1.339	4.0040	0.21550		1	1AZFE,2AZFE,2AZFXE,
01-10799	N	EX	2.0,2.4	01-13	1.161	3.9820	0.21550		1	1AZFE,2AZFE,2AZFXE,
01-10328		IN	2367(2.4)	81-95	1.770	4.6500	0.31350	CHROME	1	EXC. 85-88 TURBO
01-10330		EX	2367(2.4)	81-95	1.457	4.4200	0.31350	NITRIDE	1	22R, 22RE,22REC, EXC. 85-88 TURBO
01-10321	N	IN	2438CC(2.4),2694CC(2.7)	94-04	1.476	4.0730	0.23520		1	VIN L,U 2RZFE,VIN M,U 3RZFE

ENGINE PRO #	NE W	IN/EX	ENGINE	YEARS	HEAD DIAMETER	OVERALL LENGTH	STEM DIAMETER	STEM COATING	KEEPER GROVE	DESCRIPTION/ NOTES/ YEARS
TOYOTA/LEXUS/SCION (Continued)										
01-10474		EX	2438CC(2.4)	95-99	1.201	4.0860	0.23480		1	2TZFE,2TZFE,2RZFE
01-10339S		IN	2959CC(3.0)	88-96	1.653	4.1000	0.31400		1	3VZE PICKUP/4RUNNER/T100
01-10340		EX	2959CC(3.0)	88-96	1.380	4.1020	0.31400	NITRIDE	1	3VZE ENGINE
01-10552	N	IN	2995CC(3.0),3300CC(3.3)	94-10	1.339	3.7580	0.21570		1	VIN F,G 1MZFE,3MZFE
01-10553	N	EX	2995CC(3.0),3300CC(3.3)	94-10	1.073	3.7550	0.21550		1	VIN F,G 1MZFE,3MZFE
01-10069		EX	3878CC(3.9),4227CC(4.2)	67-87	1.478	4.9220	0.31420		3	F & 2F LANDCRUISER, FJ
01-13273	N	IN	4.0,4.3,4.7	90-10	1.358	3.7440	0.21560		1	VIN H,U 1UZFE,3UZFE,VIN T 2UZFE
01-13274S	N	EX	4.0,4.3,4.7	90-10	1.142	3.7420	0.21550		1	VIN H,U 1UZFE,3UZFE,VIN T 2UZFE
VW - see AUDI										
WISCONSIN										
01-00249	N	BOTH	19-108		1.313	4.7710	0.30850		1	L1-L4

N=New



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Numerical List

ENGINE PRO NUMERICAL LISTING

ENGINE PRO #	MAKE	NE W	IN/EX	ENGINE	YEARS	HEAD DIAMETER	OVERALL LENGTH	STEM DIAMETER	STEM COATING	KEEPER GROVE	DESCRIPTION/ NOTES / YEARS
INTAKE VALVES											
01-00249	WISC	N	BOTH	19-108		1.313	4.7710	0.30850		1	L1-L4
01-00122	JEEP		IN	134	41-65	1.531	5.8150	0.37270	NONE	1	JEEP L-HEAD
01-00169	AL-CHLM	N	IN	201,226		1.668	5.1610	0.37150		1	INCLUDING 226 LPG
01-00212	FORD		BOTH	239	48-50	1.510	4.8195	0.34100	NONE	1	FORD FLAT HEAD
01-00302	JEEP		IN	134	50-73	2.000	4.7890	0.37330	NONE	1	JEEP F HEAD
01-00308	GM		IN	235	53-62	1.875	6.3860	0.34135	NONE	2	
01-00313	NAV		IN	123		1.342	4.9370	0.34100	NONE	2	IHC TRACTOR 4 CYL
01-00343	CONT		IN	Z SER		1.278	3.9890	0.31450	NONE		CONT IND Z SERIES
01-00349	CHRY		IN	230	42-59	1.531	4.8400	0.34050	NONE	2	ALSO CR218
01-00373	FORD		IN	223-312	54-66	1.780	5.1100	0.34195	NONE	1	223,272,292,312
01-00376	FORD		IN	172	58-64	1.647	5.0900	0.34200	NONE	1	
01-00376	FORD		IN	239,292	58-64	1.647	5.0900	0.34200	NONE	1	
01-00399	GM		IN	153 (2,5)	62-70	1.720	4.9175	0.34130	NONE	2	CHEV & GMC 63-65
01-00399	STUD		IN	194	62-67	1.720	4.9175	0.34130	NONE	2	STUDE 65-66
01-00399	GM		IN	230	63-70	1.720	4.9175	0.34130	NONE	2	CHEVY OHV, STUDE 65-66
01-00399	GM		IN	250	66-84	1.720	4.9175	0.34130	NONE	2	CHEVY OHV
01-00399	GM		IN	265	55-57	1.720	4.9175	0.34130	NONE	2	
01-00399	GM		IN	267	79-80	1.720	4.9175	0.34130	NONE	2	OLDS VIN-J
01-00399	GM		IN	283	57-67	1.720	4.9175	0.34130	NONE	2	STUDE 65-66
01-00399	GM		IN	292(4,8)	63-88	1.720	4.9175	0.34130	NONE	2	
01-00399	GM		IN	305	76-80	1.720	4.9175	0.34130	NONE	2	VIN-G, H, U, 305G
01-00399	GM		IN	307	68-73	1.720	4.9175	0.34130	NONE	2	EXC 1973 SERIES 10/25; BLAZER,
01-00399	GM		IN	327	62-68	1.720	4.9175	0.34130	NONE	2	ALL W/1.72" HEAD DIAMETER
01-00399	GM		IN	350	69-70	1.720	4.9175	0.34130	NONE	2	
01-00399	GM		IN	350	71-80	1.720	4.9175	0.34130	NONE	2	GAS, LPG ENGINE
01-00399	GM		IN	350	81-86	1.720	4.9175	0.34130	NONE	2	VIN-E, K, M, P
01-00399	GM		IN	400(6,6)	74-80	1.720	4.9175	0.34130	NONE	2	
01-00494	FORD	N	IN	272,292	57-60; 58-63	1.925	5.1100	0.34210		1	CAR & TRK; 58-63 IND.
01-00518	CHRY		IN	318	59-68	1.563	4.5385	0.37150	NONE	4	HT318 IND/ DODGE TRUCK
01-00548	CHRY		IN	361	59-66	2.078	4.8730	0.37250	NONE	2	61-66 CAR
01-00548	CHRY		IN	383	59-71	2.078	4.8730	0.37250	NONE	2	
01-00548	CHRY		IN	400	72-79	2.078	4.8730	0.37250	NONE	2	
01-00548	CHRY		IN	413	59-65	2.078	4.8730	0.37250	NONE	2	
01-00548	CHRY		IN	440	66-67	2.078	4.8730	0.37250	NONE	2	
01-00548	CHRY		IN	440	68-79	2.078	4.8730	0.37250	NONE	2	EXC. 70-72 W/3-2BBL
01-00560	NAV		IN	304/345		1.977	5.2280	0.37250	NONE	2	TRUCK/IND V304& V345
01-00567	CHRY		IN	170	60-70	1.616	4.7800	0.37250	NONE	2	CHRY IND H170, IND170
01-00567	CHRY		IN	198	70-74	1.616	4.7800	0.37250	NONE	2	
01-00567	CHRY		IN	225(3,7)	60-87	1.616	4.7800	0.37250	NONE	2	
01-00577	CHRY		IN	361(5,9)	60-77	1.881	5.6670	0.37200	CHROME	4	
01-00577	CHRY		IN	413	60-79	1.881	5.6670	0.37200	CHROME	4	
01-00603	CASE		IN	855		1.875	7.0660	0.45050	NONE	2	"O" ON HEAD.OEM# 135957
01-00603	CUM		IN	855		1.875	7.0660	0.45050	NONE	2	"O" ON HEAD.OEM# 135957
01-00603	KOMATSU		IN	855		1.875	7.0660	0.45050	NONE	2	"O" ON HEAD.OEM# 135957
01-00627	FORD		IN	200	63-64	1.531	4.2610	0.31000	NONE	1	CAR
01-00637	FORD		IN	352	61-67	2.030	5.4450	0.37145	NONE	1	
01-00637	FORD		IN	360	68-76	2.030	5.4450	0.37145	NONE	1	
01-00637	FORD		IN	390	61-76	2.030	5.4450	0.37145	NONE	1	W/2BBL CARB; EXC '62 W/4BBL, 3-2BBL
01-00637	FORD		IN	410	66-67	2.030	5.4450	0.37145	NONE	1	
01-00637	FORD		IN	428	66-70	2.030	5.4450	0.37145	NONE	1	POLICE
01-00691	CASE		IN	G188D		1.600	6.3550	0.34150	CHROME	2	
01-00696	GM		IN	181	MARINE	1.937	4.8815	0.34185	NONE	2	
01-00696	GM		IN	262	85-95	1.937	4.8815	0.34185	NONE	2	VIN-N, T, W, Z
01-00696	GM		IN	350(5,7)	67-92	1.937	4.8815	0.34185	NONE	2	STD ENGINE EXC. VIN 7, GAS LPG
01-00696	GM		IN	400(6,6)	70-80	1.937	4.8815	0.34185	NONE	2	
01-00755	CAT	N	IN	350 (5,7L)		1.895	6.5630	0.37170		2	OEM # 7M7358
01-00810	CASE		IN	124/209		1.520	5.1760	0.34100	NONE		F SERIES/ DRILLED STEM
01-00874	PERK		IN	152-305		1.531	4.4980	0.31150	NONE	1	152, 203, 305 ENGINES
01-00883	PERK		IN	236-354		1.743	4.8290	0.37300	NONE	1	236/248/354 GAS/DIESEL ENG
01-00922	IHC	N	IN	236,282,301		1.679	6.0350	0.37200		1	IHC TRACTOR
01-00938	CHRY		IN	239(3,9)	86-91	1.780	4.9790	0.37250	NONE	2	
01-00938	CHRY		IN	273	64-69	1.780	4.9790	0.37250	NONE	2	
01-00938	CHRY		IN	360	91	1.780	4.9790	0.37250	NONE	2	
01-00947	FORD		IN	289	64-65	1.780	4.8590	0.34200	NONE	1	VIN A,C,D,K,N
01-00958	GM		IN	389/421	63-66	1.920	4.8930	0.34100	NONE	2	1,920 HD
01-00963	FORD		IN	240/300	65-74	1.780	4.8170	0.34195	NONE	1	FORD 6 CYL.
01-00969	GM		IN	330/350	65-72	1.875	4.7430	0.34250	NONE	1	EXC OUTSIDE AIR INDUCTION
01-00975	GM		IN	225	64-67	1.625	4.6470	0.34100	NONE	1	BUICK,OLDS,JEEP
01-00988	GM		IN	350	69-79	2.020	4.8850	0.34150	CHROME	2	HIGH PERFORMANCE
01-00997	GM		IN	366	66-97	1.844	5.2270	0.37185	CHROME	1	
01-00997	GM		IN	427T	74-84	1.844	5.2270	0.37185	CHROME	1	
01-01001	FORD		IN	289	FROM 10/4/65-68	1.780	4.8780	0.34195	NONE	1	.365 TIP AFTER 10/4/65
01-01001	FORD		IN	302	68-69	1.780	4.8780	0.34195	NONE	1	EXC SPECIAL BOSS MUSTANG
01-01002	GM		IN	400-455	66-76	2.063	4.7070	0.34250	NONE	1	OLDS 400,425,455
01-01048	AMC		IN	343-401	67-72	2.025	4.9020	0.37150	NONE	1	AMC,JEEP 343,360,390,401
01-01057S	FORD		IN	330-391	64-78	1.755	5.4000	0.37145	NONE	1	330,359,361,389,391
01-01084	GM	N	IN	472,500	68-76	2.000	5.2330	0.34200		1	CADILLAC
01-01087	GM		IN	427T	69-73, 85-96	1.940	5.2380	0.37150	CHROME	1	
01-01098	GM		IN	350-428	67-70	2.110	5.0970	0.34150	CHROME	2	350,400,428 PONT
01-01103	FORD		IN	429	68-72	2.083	5.2880	0.34200	CHROME	1	EXC POLICE & SPECIAL
01-01103	FORD		IN	429,460	68-72	2.083	5.2880	0.34200	CHROME	1	429 VIN C,J,K,N,P,Z; 460 VIN A,C
01-01107	GM		IN	396	65-70	2.065	5.2230	0.37200	NONE	1	EXC ALUMINUM HEADS
01-01107	GM		IN	400(6,6)	70-72	2.065	5.2230	0.37200	NONE	1	W/4BBL CARB BIG BLOCK
01-01107	GM		IN	402	70-73	2.065	5.2230	0.37200	NONE	1	ALL EXC. HI PERF.
01-01107	GM		IN	427	66-69	2.065	5.2230	0.37200	NONE	1	EXC ALUMINUM HEADS
01-01107	GM		IN	454	70-00	2.065	5.2230	0.37200	NONE	1	SERIES 10-35; MOTOR HOME, VIN B, J, N, W; 71-00 HD

ENGINE PRO #	MAKE	NE W	IN/EX	ENGINE	YEARS	HEAD DIAMETER	OVERALL LENGTH	STEM DIAMETER	STEM COATING	KEEPER GROVE	DESCRIPTION/ NOTES / YEARS
INTAKE VALVES (Continued)											
01-01120	FORD		IN	300	65-95	1.780	4.8100	0.34195	NONE	1	HEAVY DUTY
01-01137	FORD		IN	302	69-78	1.780	5.0500	0.34195	NONE	1	78 W/ROCKER ARM STUD
01-01148	CONT		IN	F SER		1.515	5.1590	0.34100	NONE	1	4&6CYL F SERIES
01-01161	GM		IN	350-455	71-77	2.110	4.9830	0.34150	CHROME	2	PONT 350,400,455
01-01164	GM		IN	396-454	65-72	2.190	5.2250	0.37200	CHROME	1	CHEV-HI-PERFORMANCE
01-01170	FORD		IN	351C,351M	70-78	2.045	5.2320	0.34200	NONE	4	EXC 70-72 351C 4BBL
01-01170	FORD		IN	400	71-78	2.045	5.2320	0.34200	NONE	4	
01-01170	FORD		IN	400	71-78	2.045	5.2320	0.34200	NONE	4	
01-01172	FORD		IN	351C	70-72	2.195	5.2320	0.34200	NONE	4	4BBL CARB
01-01180	CHRY		IN	318	79-89	1.881	4.9800	0.37250	NONE	2	HD W/4BBL CARB & POLICE
01-01180	CHRY		IN	340	72-73	1.881	4.9800	0.37250	NONE	2	
01-01180	CHRY		IN	360	71-90	1.881	4.9800	0.37250	NONE	2	LIGHT & HEAVY DUTY
01-01193	GM		IN	250	81-84	1.720	4.9175	0.34130	CHROME	2	
01-01193	GM		IN	267	79-82	1.720	4.9175	0.34130	CHROME	2	
01-01193	GM		IN	292	63-88	1.720	4.9175	0.34130	CHROME	2	
01-01195	GM	N		262,350	67-93	1.940	4.880	0.34140		2	VIN Z,L,7.8 & P (LT1)
01-01234	J-D		IN	152-etc		1.772	5.1570	0.37200	CHROME	2	3,4,6 CYL DIESEL; SEE CATALOG
01-01238	FORD		IN	351W	69-74	1.844	5.0750	0.34195	NONE	1	351W
01-01258	AMC		IN	360,401	73-91,73-78	2.025	4.8990	0.37200	NONE	4	
01-01260	AMC		IN	232	73-79	1.787	4.8990	0.37200	NONE	4	
01-01260	AMC		IN	258	73-80	1.787	4.8990	0.37200	NONE	4	
01-01260	AMC		IN	304	73-81	1.787	4.8990	0.37200	NONE	4	
01-01263	GM		IN	350	73-80	1.875	4.6670	0.34280	NONE	1	
01-01268	FORD		IN	170	65-72	1.656	4.2640	0.31035	NONE	1	
01-01268	FORD		IN	200	65-76	1.656	4.2640	0.31035	NONE	1	FORD IND. 68-70
01-01268	FORD		IN	250	69-76	1.656	4.2640	0.31035	NONE	1	
01-01272	FORD		IN	429	73	2.083	5.1980	0.34195	CHROME	1	EXC POLICE & SPECIAL
01-01272	FORD		IN	460	73-87	2.083	5.1980	0.34195	CHROME	1	EXC POLICE & SPECIAL
01-01289	J-D		IN	270,404		1.902	6.2450	0.37200	CHROME	2	CHECK S/N FOR 3020,4020 SER
01-01296	GM		IN	350,400	70-74	1.960	4.9800	0.34150	NONE	2	1.960 HEAD
01-01314S	CAT	N		425,638		2.020	5.5100	0.37170		2	OEM # 9N6117
01-01328	FORD		IN	302	78-00	1.780	5.0700	0.34195	CHROME	1	86-95 MUSTANG INC. HIGH OUTPUT;
01-01328	FORD		IN	351W	75-97	1.780	5.0700	0.34195	CHROME	1	EXC POLICE, TRAILER TOWING
01-01336S	J-D	N	IN	270,404,466		1.902	6.1480	0.37200		2	DIESEL ENGINE
01-01357	FORD	N		200,250	63-83	1.751	4.2600	0.31030		1	FORD PASS/ IND
01-01372	GM		IN	200	78-79	1.600	4.8800	0.34130	CHROME	2	1.600 HEAD
01-01379	CAT		IN	350,636		2.093	5.6980	0.37250		2	SEE CAT FOR ENG APPLICATION
01-01380	FORD		IN	351M	77-82	2.041	5.2320	0.34195	CHROME	1	
01-01380	FORD		IN	400	78-82	2.041	5.2320	0.34195	CHROME	1	
01-01388	GM		IN	181(3.0)	82-88	1.710	4.7135	0.34070	NONE	1	VIN L
01-01388	GM		IN	231	79-88	1.710	4.7135	0.34070	NONE	1	
01-01388	GM		IN	252	80-84	1.710	4.7135	0.34070	NONE	1	VIN-4
01-01393	GM		IN	229(3.8)	80-84	1.840	4.9130	0.34140	CHROME	2	VIN-9, K
01-01393	GM		IN	305	79-95	1.840	4.9130	0.34140	CHROME	2	
01-01403	J-D		IN	466		1.715	6.1920	0.37200	CHROME	2	TURBO DIESEL
01-01423	NAV		IN	414,466		1.970	5.7870	0.37215		1	414,436,466
01-01442	AMC		IN	199-304	65-91	1.787	4.9000	0.37200		1	199,232,258,290,304 - 1 GV
01-01457	GM		IN	403	77-79	1.995	4.7070	0.34300	NONE	1	
01-01457	GM		IN	455	68-76	1.995	4.7070	0.34300	NONE	1	W/45 DEGREE SEAT ANGLE
01-01462S	CAT		IN	893+		1.771	7.1400	0.37170		2	893,1099,1786
01-01470	FORD		IN	232	82-95	1.782	4.8400	0.34195		4	1.782 HEAD
01-01481	GM		IN	173(2.8)-207(3.4)	81-95	1.718	4.7050	0.34130		2	173,189,191,207
01-01484	GM		IN	381,395	82-94	1.812	5.1080	0.34130		2	INCL TURBO DIESEL
01-01505	FORD		IN	300(4.9)	85-96	1.781	4.7500	0.34195	CHROME	1	
01-01536	MAZDA		IN	183(3.0)	86-00	1.662	4.6135	0.31300	CHROME	3	VIN-U
01-01543	FORD, NAV		IN	420/6.9 DSL	83-87	1.877	5.6880	0.37200	CHROME	1	IHC DIESEL
01-01548S	FORD		IN	429	91-98	1.978	5.1980	0.34150	CHROME	1	TRUCK VIN J, FI
01-01548S	FORD		IN	460	88-97	1.978	5.1980	0.34150	CHROME	1	TRUCK VIN G, FI
01-01553	CHRY		IN	135(2.2),153(2.5)	86-93	1.598	4.4985	0.31275		1	W/O TURBO
01-01557	CHRY		IN	150(2.5),242(4.0)	83-06	1.910	4.9120	0.31150		1	AMC VIN E,H,P,U,JEEP VIN L,M,S
01-01561	GM		IN	173,189	87-99	1.718	4.7050	0.31395		1	ALUM HEADS
01-01567	DETR		IN	60 SER		1.732	4.8980	0.34210		1	CHECK S/N FOR 3010,4010 SER
01-01580	CAT		IN	268,403		1.850	6.9760	0.31500		1	CHECK S/N FOR 3010,4010 SER
01-01582	CAT	N		629,732		1.772	6.8500	0.37170		2	OEM # 7E-9578
01-01582S	CAT		IN	629,732		1.772	6.8500	0.37170		2	24V
01-01587	J-D		IN	466,496		2.008	6.0600	0.37300	CHROME	1	CHECK S/N FOR 3010,4010 SER
01-01589	J-D		IN	SARAN		1.835	5.2780	0.31000		1	CHECK S/N FOR 3010,4010 SER
01-01598	FORD		IN	140,153	84-94	1.735	4.7870	0.34190		4	OHV,SOHC,HSC
01-01631S	CAT	N		425,638		2.020	6.4370	0.37170		2	OEM # 7W7490
01-01654	FORD		IN	158-401		1.807	5.7470	0.37200		1	158,175,192,201,233,401
01-01660	CUM		IN	855	91-95	1.870	7.7230	0.37890		1	N-14
01-01663	CUM		IN	611		1.673	7.6900	0.37890		1	WITH + SIGN ON HEAD
01-01665	CUM		IN	239,359	86-99	1.775	5.0830	0.31350		2	1.775 HEAD
01-01667	CASE	N	IN	505		2.047	5.9460	0.37360		1	6CT,6CTA SERIES
01-01667	CUM	N		505		2.047	5.9460	0.37360		1	6C SERIES
01-01671	CHRY		IN	201(3.3)	90-97	1.790	4.9500	0.31250	CHROME	2	VIN-R, T, U
01-01671	CHRY		IN	231(3.8)	91-99	1.790	4.9500	0.31250	CHROME	2	VIN-L, J
01-01699	FORD		IN	4.6,5.4	97-12	1.750	4.6210	0.27500		3	VIN 6.9,V,W,3,L,M, SX,Z TRITON SOHC
01-01705	GM		IN	134(2.2)	92-93	1.732	5.4570	0.31360		1	1.732 HEAD
01-01707	GM		IN	281	93-99	1.308	4.1690	0.23350		1	1.308 HEAD
01-01709	FORD	N	IN	4.6	93-04	1.456	5.3370	0.27500		3	VIN R,V & Y(SUPERCHARGED)
01-01714	CHRY		IN	239(3.9)	92-99	1.920	4.9060	0.31150	NONE	1	VIN-X
01-01714	CHRY		IN	360(5.9)	93-98	1.920	4.9060	0.31150	NONE	1	VIN-5, B, Z
01-01723	FORD		IN	460	76-97	2.083	5.1750	0.34190	CHROME	1	EFI
01-01726	GM		IN	138(2.3)	89-95	1.437	4.3300	0.27485	CHROME	1	VIN-A 89, VIN-A, D 90-95
01-01730	CHRY		IN	121(2.0),148(2.4)	95-99	1.370	4.3990	0.23400	CHROME	1	VIN Y; DOHC
01-01736	GM		IN	134(2.2)	94-97	1.732	5.4650	0.27420	CHROME	1	VIN-4
01-01741	CHRY		IN	121(2.0)	95-99	1.309	4.5250	0.23400	CHROME	1	NEON SOHC
01-01743	FORD		IN	140,153	95-00	1.735	4.7870	0.27500		3	1.735 HEAD
01-01745	FORD		IN	121	95-8/17/98	1.260	3.8230	0.23760		1	ZETEC VIN 3,Z
01-01756S	CUM		IN	855		1.870	7.7500	0.37890		1	N-14; CHECK S/N FOR 3010,4010

Numerical List

ENGINE PRO #	MAKE	NE W	IN/EX	ENGINE	YEARS	HEAD DIAMETER	OVERALL LENGTH	STEM DIAMETER	STEM COATING	KEEPER GROVE	DESCRIPTION/ NOTES / YEARS
INTAKE VALVES (Continued)											
01-01760S	CAT		IN	425,638		2.020	5.3710	0.37170		2	CHECK S/N FOR 3020,4020 SER
01-01785	FORD		IN	445	93-00	1.680	5.8050	0.31220		1	WITH- DIRECT INJECTION
01-01787	FORD		IN	183	96-00	1.378	4.5100	0.23560		3	SOHC
01-01789	FORD		IN	232	96-00	1.860	4.8400	0.27490		3	1.860 HEAD
01-01806	GM		IN	305	96-00	1.840	4.8810	0.34120		1	VIN M
01-01810	GM		IN	189(3.1)	89-99	1.718	4.7050	0.31395		1	VIN M (ALUM HEADS)
01-01830S	CAT		IN	893+		1.771	7.2500	0.37170		2	893,1099,1649
01-01857S	CAT		IN	893+		1.771	7.1400	0.37170		2	893,1099,1649
01-01858	GM		IN	231	95-00	1.772	4.8380	0.37285		1	VIN 1,K EXCEPT '95 VIN 1
01-01887	CAT	N	IN	244,365,ETC.		1.772	4.8360	0.37290		1	OEM # 6I-0282
01-01899	IHC	N	IN	408(6.7),466(7.6),530(8.7)		1.970	5.7890	0.31240		1	TRACTOR,DT408
01-01901	CHRY		IN	195,215	98	1.437	4.5160	0.27340		3	
01-01902	GM		IN	134(2.2)	98-00	1.732	5.2850	0.27460		1	1.732 HEAD
01-01904	CHRY	N	IN	201,230	98-00	1.791	5.0210	0.31280		2	
01-01911	CAT	N	IN	893,965,+		1.850	7.9510	0.37170		2	OEM #S 153-7023, 236-5605
01-01913	FORD		IN	244	97-00	1.811	4.5240	0.27440		3	1.811 HEAD
01-01916	CHRY	N	IN	150,242	99-06	1.910	4.9110	0.31140		3	
01-01918	CHRY		IN	226(3.7),287(4.7)	99-07	1.915	4.4810	0.27340		3	1.915 HEAD
01-01920	CHRY		IN	167(2.7)	98-10	1.331	4.2570	0.23400		3	DOHC VIN D,R,T,U EER
01-01924	FORD		IN	4.6	00-11	1.752	4.7560	0.27480		3	VIN 6,9,V,W,X SOHC
01-01928S	MACK	N	IN	672		1.694	7.0560	0.37250		1	E6350,E7,ETECH & ASET 4 VALVE
01-01929	GM		IN	189(3.1)	00	1.760	4.6840	0.31390	CHROME	1	VIN-J
01-01929	GM		IN	207(3.4)	96-00	1.760	4.6840	0.31390	CHROME	1	VIN-E
01-01931	GM		IN	350	94-96	1.937	4.8815	0.34185		1	VIN P
01-01934	GM		IN	294	99-00	1.890	4.8690	0.31360		1	1.890 HEAD
01-01941	GM		IN	146(2.4)	96-00	1.396	4.2070	0.23330	CHROME	1	VIN-T
01-01943	IHC	N	IN	408(6.7),466(7.6),530(8.7)		1.970	5.7870	0.37220		1	TRACTOR,DT408
01-01945	IHC	N	IN	466(7.6),530(8.7)		1.786	5.9920	0.37220		1	
01-01991	CHRY		IN	122(2.0)	01-05	1.309	4.5130	0.23400		3	1.309 HEAD
01-01993	CHRY	N	IN	201,230	01-11	1.890	4.9690	0.27340		4	
01-01997	GM		IN	133(2.2),146(2.4)	00-08	1.382	4.0260	0.23470		3	ECOTEC
01-01998	GM		IN	256	02-05	1.457	4.1490	0.23460		3	211,169,256 ENG
01-02000	GM		IN	323(5.3),350(5.7)	97-09	2.000	4.8690	0.31360		1	VIN C (LS4 ALUM.BLOCK),G(LS1),
01-02006	FORD	N	IN	121,140,152	04-12	1.378	4.0730	0.21560		1	
01-02008	CHRY		IN	148(2.4)	95-08	1.370	4.3990	0.23400		3	1.370 HEAD
01-02014	CHRY	N	IN	5.9 DIESEL	98-09	1.299	4.9070	0.27560		1	VIN 6,7,C CUMMINS TURBO ISB
01-02014	CUM	N	IN	5.9 DIESEL	98-09	1.299	4.9070	0.27560		1	
01-02044	FORD		IN	120	96	1.736	5.2560	0.31630		3	VIN P DUAL PORT
01-02046	FORD		IN	183	86-08	1.661	4.6370	0.27500		3	VIN U,1,2
01-02101	GM	N	IN	496	01-07	2.187	5.2240	0.37170		1	VIN G VORTEC
01-02101	MER	N	IN	496		2.187	5.2240	0.37170		1	MERCURISER CHEV VORTEC 8100
01-02103	CHRY		IN	345	03-08	2.000	4.9290	0.31270		3	HEMI
01-02118	FORD	N	IN	281,330,415	04-12	1.331	4.6180	0.23560		3	
01-02131	NAV		IN	466(7.6),530(8.7)		1.970	5.9920	0.37220		1	
01-02161S	CAT		IN	442		1.575	7.2090	0.31500		1	OEM #S 145-7390, 252-7801
01-02175	GM	N	IN	403(6.6) DIESEL	01-12	1.299	4.9750	0.27390		1	VIN 1.2,3,6,8,DL
01-02179	FORD		IN	363	03-10	1.339	5.0580	0.27370		1	POWER STROKE VIN P
01-02188	CUM	N	IN	505		1.496	5.4230	0.31380		1	ISC/QSC SEIES TURBO DIESEL
01-02194	KIA	N	IN	1493CC (1.5)	01-02	1.094	3.7980	0.21540		1	G4EK ALPHA II
01-02196	KIA		IN	1793CC	98-04	1.240	4.0520	0.23520		1	16V DOHC VIN 1 5BP
01-02241	TOY/SCI	N	IN	1497CC(1.5)	00-12	1.205	3.5140	0.19570		1	1NZFE,1NZFXE
01-02243	NIS		IN	121		1.384	4.3190	0.27450		1	H-20, H-25 FORKLIFT
01-02247	GM		IN	98(1.6)	04-08	1.124	3.9990	0.23450		1	E-TEC II VIN 6 16V
01-02255	CUM		IN	505		2.047	5.9520	0.37360		1	6C SERIES 12V
01-02262	CUM		IN	915		1.870	8.5020	0.37890		1	24 DOHC TURBO DIESEL
01-10126	CHRY		IN	1.6,2.0	89-98	1.198	4.3160	0.25750	CHROME	1	89-90 VIN D,E,F,R,U,Y,Z, 4G61,EBG, G4CP,4G63 MITSUBISHI
01-10126	HYUN		IN	1.6,1.8,2.0,2.4	92-05	1.198	4.3160	0.25750	CHROME	1	VIN R,M,F,S, G4GR,G4CN,G4CP G463, G4SG 4G64 MITSUBISHI
01-10126	HYUN		IN	2.4	01-05	1.198	4.3160	0.25750	CHROME	1	VIN 6, G4JS MITSUBISHI
01-10126	mits		IN	1.6,2.0,2.4	92-99	1.198	4.3160	0.25750	CHROME	1	VIN Z 4G61, VIN Y,VIN C,D,E,R,F,U 4G63,4G64
01-10145	CHRY		IN	156	85-89	1.811	4.2520	0.31345		1	MITS ENGINE
01-10169	GM, SUZ		IN	61(1.0)	89-00	1.378	3.3130	0.21510		1	SUZ ENGINE
01-10172	SUZ		IN	1.3,1.6	89-00	1.441	4.5500	0.27440		1	SUZ ENGINE
01-10188	HONDA	N	IN	1.5	84-87	1.063	4.4370	0.25900		1	EW1,EW3,EW4,D15A3
01-10190	HONDA	N	IN	1.5,1.6	88-91	1.142	4.5260	0.21590		1	D15B1,B2,6,B7,B8,D16A6
01-10195	HONDA		IN	2.0	88-97	1.300	4.1100	0.25900		1	B20A5,C25A1,C27A1
01-10197	HONDA		IN	2156CC	90-97	1.339	4.4110	0.21570		1	F22A,A1,A6
01-10206	HONDA		IN	2259CC	92-96	1.339	4.0800	0.25920		1	H23A1, DOHC
01-10219	HONDA	N	IN	2.3,2.6	88-96	1.736	4.2800	0.31300		1	4ZD1,(ISUZU) 4ZE1 (HONDA/ISUZU)
01-10224	NIS	N	IN	1.6,1.8	91-06	1.181	3.6320	0.21530		1	VIN A,E,P GA16DE, QG18DE
01-10236	MAZDA		IN	2.0,2.2	83-93	1.732	4.4060	0.31700		1	B2000,B2200 TRUCK
01-10268	NIS	N	IN	2.0,2.2,2.4	80-88	1.658	4.8990	0.31400		1	VIN P Z20E,VIN H Z20S,VIN M Z22, VIN R Z22E,VIN N Z24,VIN S Z24I
01-10273	NIS		IN	2389CC	88-95	1.344	4.7770	0.27450		1	K24E,KA24E
01-10281	NIS		IN	2960(3.0),3275(3.3)	84-98,96-04	1.657	4.9450	0.27450	NITRIDE	1	VIN 1,C,H,W,VG30,VG30E,I,T,
01-10284	NIS	N	IN	2960(3.0)	90-96	1.339	4.0600	0.23540		1	VIN R VG30DE, VIN C VG30DETT
01-10309	TOY		IN	1456CC	87-94	0.941	3.6160	0.23500	NONE	1	REAR SUB
01-10310	TOY		IN	1456CC	87-94	1.181	3.6350	0.23500		1	3E,3EE,3FE
01-10321	TOY	N	IN	2438CC(2.4),2694CC(2.7)	94-04	1.476	4.0730	0.23520		1	VIN L,U 2RZFE,VIN M,U 3RZFE
01-10322	TOY		IN	2.0,2.2	84-90	1.576	4.2580	0.31400		1	3YEC,4YEC,4Y-VAN, FORKLIFT
01-10328	TOY		IN	2367(2.4)	81-95	1.770	4.6500	0.31350	CHROME	1	EXC. 85-88 TURBO
01-10339S	TOY		IN	2959CC(3.0)	88-96	1.653	4.1000	0.31400		1	3VZE PICKUP/4RUNNER/T100
01-10387	MAZDA		IN	244(4.0)	90-98	1.710	4.0920	0.31630	CHROME	1	VIN-X; OHV
01-10421	TOY		IN	1998CC	96-99	1.260	3.8420	0.23510		1	3SFE
01-10498	CHRY	N	IN	1.8	92-96	1.181	4.3380	0.23540		1	VIN C,D 4G93
01-10498	mits	N	IN	1.8,2.0	92-07	1.181	4.3380	0.23540		1	VIN C,D 4G93, VIN E 4G94
01-10500	CHRY		IN	181(3.0)	91-96	1.199	4.1560	0.25770	CHROME	1	DODGE VIN B, C, J, K, MITSUBISHI 6G72 DOHC, INCL. TURBO 24V

ENGINE PRO #	MAKE	NE W	IN/EX	ENGINE	YEARS	HEAD DIAMETER	OVERALL LENGTH	STEM DIAMETER	STEM COATING	KEEPER GROVE	DESCRIPTION/ NOTES / YEARS
INTAKE VALVES (Continued)											
01-10500	MITS		IN	181(3.0),213(3.5)	91-96	1.375	4.1860	0.25880	CHROME	1	VIN-B, C, J, K G672 DOHC
01-10520	GM		IN	116(1.9)	91-99	1.274	3.9980	0.27430		1	DOHC VIN 7
01-10524	HONDA		IN	1590CC	92-99	1.181	4.6680	0.21590		1	D16Z6,D16Y5,7,8 VTEC
01-10534	MITS		IN	143(2.4)	93-98	1.299	4.4240	0.23480		1	VIN-B, G; DOHC
01-10534	MITS		IN	152(2.5)	95-99	1.299	4.4240	0.23480	NITRIDE	1	VIN-2, H, N; SOHC
01-10541	HONDA	N	IN	2.2,2.3,3.0,3.5	97-03	1.339	4.5670	0.21610		1	F22B1,F23A1,4,5,7,J30A1,J35A1
01-10543	HONDA	N	IN	2.2	93-01	1.378	4.2010	0.21550		1	H22A1,H22A4
01-10547	HYUN	N	IN	1495CC	93-02	1.079	3.8980	0.23480		1	G4EK 12V ALPHA I
01-10552	TOY	N	IN	2995CC(3.0),3300CC(3.3)	94-10	1.339	3.7580	0.21570		1	VIN F,G 1MZFE,3MZFE
01-10562	FORD	N	IN	2.0	93-97	1.240	3.5340	0.23500		1	VIN A MAZDA
01-10562	MAZDA	N	IN	1.8,2.0	93-03	1.240	3.5340	0.23500		1	FP,FS-DE,FS-DE TURBO
01-10695	BMW	N	IN	1.8-3.2L	91-00	1.299	4.1770	0.23490		3	DOHC 16V,24V
01-10723	HYUN	N	IN	1.8-2.0L	96-01	1.257	4.0310	0.23490		1	DOHC 16V / G4GM / G4GF
01-10733	AUDI, VW	N	IN	2.0(VW),2.8(AUDI)	90-02	1.198	4.3160	0.25750	CHROME	1	VIN A,B,C,E,J,9A,K,R,L,ABA,AHA,ATQ
01-10839	HONDA	N	IN	3.2,3.5	98-04	1.338	4.0880	0.23470		1	6VD1W,VIN X 6VE1 (HONDA/ISUZU)
01-10742	HONDA	N	IN	1972CC	96-99	1.224	4.1520	0.25920		1	B20B4,B20Z2/1834CC B18A1
01-10778	HONDA	N	IN	3.0-3.5L	02-10	1.378	4.5670	0.21600		1	J30A5,J35A4,A7,A9/J35Z1
01-10780	TOY	N	IN	1794CC	00-08	1.220	3.4900	0.21560		1	1ZZFE
01-10784	GM	N	IN	181(3.0)	97-00	1.260	4.0200	0.23470		3	OPEL ENG CATERA
01-10786	GM	N	IN	2.0,2.5	99-04	1.297	3.3940	0.23490		1	VIN C J20A SUZUKI
01-10786	GM	N	IN	1.8,2.0,2.5,2.7	96-08	1.297	3.3940	0.23490		1	VIN 2.4 J18A,VIN C J20A,H25,H27A
01-10792	NIS	N	IN	2389CC	98-04	1.441	3.9860	0.27450		1	KA24DE 16V DOHC
01-10798	TOY/SC/LEX	N	IN	2.0,2.4	01-13	1.339	4.0040	0.21550		1	1AZFE,2AZFE,2AZFXE,
01-10803S	AUDI, VW	N	IN	1984CC	95-99	1.555	3.6160	0.27480		3	ABA,AGA FRM ENG ABA807452
01-10804S	AUDI, VW	N	IN	1781CC	98-06	1.059	4.1370	0.23480		3	SEE CAT FOR ENG APPLICATION
01-10806	SUB	N	IN	2.2,2.5	99-12	1.417	4.7480	0.23440		1	SOHC&DOHC NON TURBO
01-10808	HYUN	N	IN	2.5,2.7	99-10	1.260	3.7810	0.23500		1	G6BV DELTA, G6BA DELTA
01-10808	HYU/KIA	N	IN	2.5,2.7	99-10	1.260	3.7810	0.23500		1	G6BV DELTA, G6BA DELTA
01-10810	HYUN	N	IN	3.0,3.5	01-06	1.378	4.1830	0.25850		1	XG300 SIGMA,VIN 1.4 SIGMA
01-10810	HYU/KIA	N	IN	3.0,3.5	01-06	1.378	4.1830	0.25850		1	XG300 SIGMA,VIN 1.4 SIGMA
01-13002	IHC	N	IN	466(7.6),570(9.3)		1.564	5.8260	0.31210		1	MAXXFORCE DT,MAXXFORCE 9
01-13038	KIA	N	IN	1594CC	03-05	1.150	3.7830	0.21540		1	DOHC/16V-A6D
01-13040	GM	N	IN	364(6.0),378(6.2)	02-08	2.165	4.8700	0.31350		1	
01-13047	HYUN	N	IN	1599	01-11	1.146	3.6140	0.23450		1	16V VIN C G4ED ALPHA II
01-13077	NIS	N	IN	2.5	02-12	1.405	3.8260	0.23510		1	VIN R L26
01-13077	SUZ	N	IN	2.5	09-12	1.405	3.8260	0.23510		1	NISSAN QR25DE
01-13139S	SUB	N	IN	2458CC	97-98	1.417	4.1690	0.23460		1	DOHC,16V,VIN6 EJ25D
01-13172	HONDA	N	IN	2.4	02-11	1.378	4.2910	0.21570		1	K24A1,A4,A8,K24Z1,Z6
01-13182	FOT	N	IN	6.4 DIESEL	08-10	1.339	5.1380	0.27380		1	MAXXFORCE 7
01-13182	IHN	N	IN	6.4 DIESEL	08-10	1.339	5.1380	0.27380		1	MAXXFORCE 7
01-13190	CHRY	N	IN	1.8,2.0,2.4	07-13	1.378	4.4560	0.21540		1	
01-13194	CHRY	N	IN	5.7 HEMI	03-13	2.050	5.1650	0.31270		3	
01-13206	CHRY	N	IN	6.1 HEMI	05-10	2.079	4.9610	0.31250		3	
01-13213	NIS	N	IN	1.8,2.0	07-12	1.337	4.1850	0.21540		1	NISSAN
01-13220	NIS	N	IN	3.5	07-12	1.449	3.8250	0.23520		1	INF/NISSAN
01-13251	CHRY	N	IN	4.7	08-12	1.915	4.4810	0.27340		3	
01-13273	TOY/LEX	N	IN	4.0,4.3,4.7	90-10	1.358	3.7440	0.21560		1	VIN H,U 1UZFE,3UZFE,VIN T 2UZFE
EXHAUST VALVES											
01-00121	JEEP		EX	134	41-65	1.468	5.8050	0.37150	NONE	1	JEEP L-HEAD
01-00168	AL-CHLM	N	EX	201,226		1.500	5.1560	0.37150		1	INCLUDING 226 LPG
01-00170	CONT	N	EX	Z F SER		1.203	5.1740	0.33810	NONE		WITH DRILLED STEM
01-00185	CHRY	N	EX	218,230	46-59	1.407	4.8400	0.34050		2	L-HEAD
01-00303	JEEP	N	EX	134	50-73	1.468	5.9080	0.37150	NONE	1	JEEP F HEAD
01-00348	FORD	N	EX	134-192	53-78	1.510	4.9830	0.34065	NONE	1	134,172,192
01-00375	FORD	N	EX	223	54-64	1.512	5.0900	0.34180	NONE	1	
01-00375	FORD	N	EX	239	54-55	1.512	5.0900	0.34180	NONE	1	
01-00375	FORD	N	EX	256	54-55	1.512	5.0900	0.34180	NONE	1	TRUCK
01-00375	FORD	N	EX	272	55-58	1.512	5.0900	0.34180	NONE	1	EXCEPT HEAVY DUTY
01-00375	FORD	N	EX	292	55-64	1.512	5.0900	0.34180	NONE	1	
01-00375	FORD	N	EX	312	56-60	1.512	5.0900	0.34180	NONE	1	
01-00400	GM	N	EX	153(2.5)	62-70	1.500	4.9230	0.34135	NONE	2	
01-00400	STUD	N	EX	194	62-67	1.500	4.9230	0.34135	NONE	2	STUDE 65-66
01-00400	GM	N	EX	216	50-53	1.500	4.9230	0.34135	NONE	2	
01-00400	GM	N	EX	230	63-70	1.500	4.9230	0.34135	NONE	2	CHEVY OHV, STUDE 66
01-00400	GM	N	EX	235	50-62	1.500	4.9230	0.34135	NONE	2	
01-00400	GM	N	EX	250	66-84	1.500	4.9230	0.34135	NONE	2	
01-00400	GM	N	EX	262	75-76	1.500	4.9230	0.34135	NONE	2	V8
01-00400	GM	N	EX	265	55-57	1.500	4.9230	0.34135	NONE	2	
01-00400	GM	N	EX	283	57-67	1.500	4.9230	0.34135	NONE	2	STUDE 65-66
01-00400	GM	N	EX	305	76-80	1.500	4.9230	0.34135	NONE	2	VIN-G, H, U
01-00400	GM	N	EX	307	68-73	1.500	4.9230	0.34135	NONE	2	
01-00400	GM	N	EX	327	62-69	1.500	4.9230	0.34135	NONE	2	(62-65)ALL W/1.72" INTAKE HEAD DIA., 62-69 ALL W/1.94" INTAKE HEAD DIA.
01-00400	GM	N	EX	350(5.7)	67-92	1.500	4.9230	0.34135	NONE	2	77-79 OLDS VIN-G, L
01-00400	GM	N	EX	400(6.6)	70-80	1.500	4.9230	0.34135	NONE	2	
01-00486	CONT	N	EX	Z SER		1.140	3.9900	0.31280	NONE	1	CON'T IND Z SERIES/ROTOTYPE
01-00520	CHRY	N	EX	350	58	1.600	4.8885	0.37150	NONE	4	
01-00520	CHRY	N	EX	361	59-66	1.600	4.8885	0.37150	NONE	4	CHRY IND H361
01-00520	CHRY	N	EX	383	59-71	1.600	4.8885	0.37150	NONE	4	DO TK, TO ENG S/N 3832160000
01-00520	CHRY	N	EX	413	59-65	1.600	4.8885	0.37150	NONE	4	CHRY IND H413
01-00520	CHRY	N	EX	426	63-65	1.600	4.8885	0.37150	NONE	4	WEDGE
01-00520	CHRY	N	EX	440	66-67	1.600	4.8885	0.37150	NONE	4	
01-00559S	NAV	N	EX	304/345		1.608	5.4740	0.37200	NONE	2	TRUCK/IND V304& V345
01-00564	FORD	N	EX	144,170,200	60-83	1.268	4.2600	0.31000		1	CAR VIN U,B,T,X; TRK VIN D,S,F,U
01-00602	CASE	N	EX	855		1.870	7.0630	0.45050		2	"N" ON HEAD,OEM# 3040830
01-00602	CUM	N	EX	855		1.870	7.0630	0.45050		2	"N" ON HEAD,OEM# 3040830
01-00602	KOMATSU	N	EX	855		1.870	7.0630	0.45050		2	"N" ON HEAD,OEM# 3040830

Numerical List

ENGINE PRO #	MAKE	NE W	IN/EX	ENGINE	YEARS	HEAD DIAMETER	OVERALL LENGTH	STEM DIAMETER	STEM COATING	KEEPER GROVE	DESCRIPTION/ NOTES / YEARS
EXHAUST VALVES (Continued)											
01-00602S	CASE		EX	855		1.875	7.0660	0.45050	NONE	2	"S" OR "J" ON HEAD,OEM# 145701
01-00602S	CUM		EX	855		1.875	7.0660	0.45050	NONE	2	"S" OR "J" ON HEAD,OEM# 145701
01-00602S	KOMATSU		EX	855		1.875	7.0660	0.45050	NONE	2	"S" OR "J" ON HEAD,OEM# 145701
01-00690	CASE		EX	G188D		1.403	6.3525	0.34040	CHROME	2	
01-00742	FORD		EX	260,289	63-65	1.450	4.8630	0.34200	NONE	1	VIN A,C,D,F,K,N
01-00753S	CAT	N	EX	350 (5.7L)		1.771	6.5630	0.37170		2	OEM #S 7M7360,8N3724,9M4163
01-00873	PERK		EX	152-305		1.313	4.5030	0.31150	NONE	1	152,203,305 ENGINES
01-00882	PERK		EX	236-354		1.442	4.8540	0.37250	NONE	1	236/248/354 GAS/DIESEL ENG
01-00919	GM		EX	181	80-92	1.600	4.9010	0.34150	CHROME	2	4 CYLINDER MARINE, 181 MERC
01-00919	GM		EX	302	67-69	1.600	4.9010	0.34150	CHROME	2	
01-00919	GM		EX	327	64-69	1.600	4.9010	0.34150	CHROME	2	ALL W/2.02" INTAKE HEAD DIA.
01-00919	GM		EX	350(5.7)	69-79	1.600	4.9010	0.34150	CHROME	2	CHEVY HI-PERF
01-00919	GM		EX	400(6.6)	70	1.600	4.9010	0.34150	CHROME	2	
01-00921	IHC	N	EX	236,282,301		1.375	6.0600	0.37200		1	IHC TRACTOR
01-00970	GM		EX	330/350	65-72	1.561	4.7280	0.34200	NONE	1	EXC OUTSIDE AIR INDUCTION
01-00974	GM		EX	400	66-69	1.625	4.6930	0.34200	CHROME	1	3.870 68-69; 4.000 65-67
01-00974	GM		EX	425	65-67	1.625	4.6930	0.34200	CHROME	1	HI-PERF
01-00974	GM		EX	455	68-76	1.625	4.6930	0.34200	CHROME	1	W/45 DEGREE SEAT ANGLE
01-00976	GM		EX	225	64.67	1.375	4.6460	0.34100	NONE	1	BUICK,OLDS,JEEP
01-00996S	GM		EX	366	66-84	1.660	5.3760	0.37165	CHROME	1	1ST DESIGN,
01-00996S	GM		EX	427T	69-78	1.660	5.3760	0.37165	CHROME	1	
01-01000	FORD		EX	289	65-68	1.453	4.8630	0.34145	NONE	1	EXC SPECIAL, ON 10/4/65 .340 TIP LENGTH
01-01000	FORD		EX	302	68-69	1.453	4.8630	0.34145	NONE	1	68-69 TO CHANGE L14
01-01018	DETR		EX	53 SER. 212		1.090	5.5520	0.24840		1	OEM # 5199323 EXC.TURBO
01-01075S	IHC	N	EX	157,169,175		1.516	5.0530	0.37150		1	IHC TRACTOR L4/ i6
01-01083	GM	N	EX	472,500	68-76	1.625	5.2460	0.34180		1	CADILLAC
01-01097	GM		EX	350-428	67-70	1.775	5.0900	0.34100	CHROME	2	350,400,428 PONT
01-01102	FORD		EX	429	68-72	1.656	5.0790	0.34200	CHROME	1	68-72, EXC. POLICE & SPECIAL
01-01102	FORD		EX	429,460	68-72	1.656	5.0800	0.34200	CHROME	1	429 VIN C.,J,K,N,P,Z; 460 VIN A,C
01-01106	GM		EX	396	65-70	1.720	5.3590	0.37150	CHROME	1	CAST IRON HEAD
01-01106	GM		EX	400(6.6)	70-72	1.720	5.3590	0.37150	CHROME	1	W/4 BBL CARB BIG BLOCK
01-01106	GM		EX	402	70-73	1.720	5.3590	0.37150	CHROME	1	ALL EXC HI-PERF
01-01106	GM		EX	427(7.0)	66-69	1.720	5.3590	0.37150	CHROME	1	STANDARD ENGINE
01-01106	GM		EX	454	70-83	1.720	5.3590	0.37150	CHROME	1	STANDARD ENGINE, TRK SERIES 10-
01-01131	GM		EX	396-454	66-76	1.875	5.3550	0.37180	CHROME	1	CHEV 396,427,454
01-01135	FORD		EX	255	82 ONLY	1.460	5.0700	0.34145	CHROME	1	82 ONLY
01-01135	FORD		EX	302	69-85	1.460	5.0700	0.34145	CHROME	1	69-85, 69-77 CHANGE L14 ON, 78 W/ ROCKER ARM STUD
01-01135	FORD		EX	302	79-00	1.460	5.0700	0.34145	CHROME	1	69-85 EXC TOWNCAR
01-01135	FORD		EX	351W	82-97	1.460	5.0700	0.34145	CHROME	1	82-97 EXC 82 PASS, EXC. VIN "R"
01-01147	CONT		EX	F SER		1.203	5.1720	0.33800	NONE	1	486CYL F SERIES
01-01156	CHRY		EX	383	68-71	1.740	4.8880	0.37200	NONE	4	68-71, TRK ENG. S/N 3832160000 ON, H383 IND.
01-01156	CHRY		EX	400	72-78	1.740	4.8880	0.37200	NONE	4	72-79 TRK
01-01156	CHRY		EX	440	68-78	1.740	4.8880	0.37200	NONE	4	68-78 CAR, H440 INDUST.
01-01160	GM		EX	350-455	67-73	1.770	4.9750	0.34100	CHROME	2	PONT 350,400,455
01-01169	FORD		EX	351C	70-74	1.656	5.0500	0.34145	CHROME	4	EXC 70-72 4 BBL
01-01169	FORD		EX	400	71-77	1.656	5.0500	0.34145	CHROME	4	
01-01171	FORD		EX	351C	70-72	1.710	5.0490	0.34150	NONE	4	4BBL CARB
01-01177S	FORD		EX	240	65-74	1.559	4.8100	0.34195	CHROME	1	HEAVY DUTY
01-01177S	FORD		EX	300	65-84	1.559	4.8100	0.34195	CHROME	1	HEAVY DUTY
01-01192	GM		EX	229(3.8)	80-84	1.500	4.9230	0.34135	CHROME	2	VIN -9, K CHEVY ENGINE
01-01192	GM		EX	250	66-84	1.500	4.9230	0.34135	CHROME	2	66-84 EXC, LPG
01-01192	GM		EX	153,194,215,216,229,230	57-95	1.500	4.9230	.034135	CHROME	2	85-95, VIN D,E,F,G,H,K,L,N,Q,U,W,Z,
01-01192	GM		EX	267	81-82	1.500	4.9230	.034135	CHROME	2	81-82
01-01192	GM		EX	305	76-95	1.500	4.9230	.034135	CHROME	2	VIN-7, E, F, G, H, U
01-01192	GM		EX	350	67-96	1.500	4.9230	.034135	CHROME	2	CHEVY ENG.,
01-01192	GM		EX	400	70-80	1.500	4.9230	.034135	CHROME	2	SMALL BLOCK
01-01205S	CAT		EX	425,638		1.896	5.4690	0.37170	NONE	2	SEE CAT FOR ENG APPLICATION
01-01206S	GM		EX	250	66-84	1.500	4.9230	0.34130	CHROME	2	
01-01206S	GM		EX	283	57-67	1.500	4.9230	0.34130	CHROME	2	STUDE 65-66
01-01206S	GM		EX	292	63-84	1.500	4.9230	0.34130	CHROME	2	
01-01206S	GM		EX	305	76-95	1.500	4.9230	0.34130	CHROME	2	VIN-7, F, G, H, U
01-01206S	GM		EX	307	73	1.500	4.9230	0.34130	CHROME	2	SERIES 10/25: BLAZER, JIMMY, SUBURBAN
01-01206S	GM		EX	307	68-73	1.500	4.9230	0.34130	CHROME	2	EXC. 1973 SERIES 10/25: BLAZER, JIMMY, SUBURBAN
01-01206S	GM		EX	327	62-69	1.500	4.9230	0.34130	CHROME	2	
01-01206S	GM		EX	350(5.7)	67-96	1.500	4.9230	0.34130	CHROME	2	VIN-7, E, K, L, M, P, GAS, LPG ENGINE
01-01233	J-D		EX	152-etc		1.575	5.1570	0.37200	CHROME	2	152,164,179,219,239,276,etc
01-01235S	GM		EX	366,427	85-94	1.660	5.3670	0.37160	CHROME	1	HD APPLICATIONS
01-01237	FORD		EX	351W	69-74	1.542	5.0700	0.34145	CHROME	1	
01-01242	FORD		EX	332	58-59	1.561	5.4360	0.37150	CHROME	1	
01-01242	FORD		EX	352	58-67	1.561	5.4360	0.37150	CHROME	1	INCL. HEAVY DUTY
01-01242	FORD		EX	360	68-76	1.561	5.4360	0.37150	CHROME	1	
01-01242	FORD		EX	361	58-59	1.561	5.4360	0.37150	CHROME	1	A, RANGER; B, PACER; CORSAIR EIGHT
01-01242	FORD		EX	361	58-59	1.561	5.4360	0.37150	CHROME	1	HEAVY DUTY
01-01242	FORD		EX	390	61-76	1.561	5.4360	0.37150	CHROME	1	W/2 BBL CARB, & CAR HD
01-01242	FORD		EX	406	62-63	1.561	5.4360	0.37150	CHROME	1	63 SPECIAL; 62 SPECIAL W/4BBL & 3-2 BBL CARB
01-01242	FORD		EX	410	66-67	1.561	5.4360	0.37150	CHROME	1	INCL. HEAVY DUTY
01-01242	FORD		EX	428	66-70	1.561	5.4360	0.37150	CHROME	1	LINC/MERC & POLICE
01-01245	GM		EX	350	73-77	1.660	4.9590	0.34100	CHROME	2	73-77 EXC. 73 YJ & YW and 75-76 VENTURA
01-01261S	GM		EX	454	82-00	1.720	5.3560	0.37160	CHROME	1	
01-01265	CHRY		EX	170	60-70	1.359	4.8020	0.33715	NONE	4	CHRY IND H170, IND170
01-01265	CHRY		EX	198	70-74	1.359	4.8020	0.33715	NONE	4	

ENGINE PRO #	MAKE	NE W	IN/EX	ENGINE	YEARS	HEAD DIAMETER	OVERALL LENGTH	STEM DIAMETER	STEM COATING	KEEPER GROVE	DESCRIPTION/ NOTES / YEARS
EXHAUST VALVES (Continued)											
01-01265	CHRY		EX	225(3.7)	60-87	1.359	4.8020	0.33715	NONE	4	CHRY ALL EXC 63-78 PREMIUM, CHRY IND H225, IND225
01-01266	FORD		EX	170	65-72	1.388	4.2640	0.31000	CHROME	1	
01-01266	FORD		EX	200	65-81	1.388	4.2640	0.31000	CHROME	1	
01-01266	FORD		EX	250	69-80	1.388	4.2640	0.31000	CHROME	1	
01-01271	FORD		EX	429	73	1.656	4.9830	0.34195	CHROME	1	CAR ONLY
01-01271	FORD		EX	460	73-87	1.656	4.9830	0.34195	CHROME	1	ALL EXC. 73-78 POLICE
01-01288	J-D		EX	270,404		1.715	6.2270	0.37200	CHROME	2	CHECK S/N FOR 3020,4020 SER
01-01294	GM		EX	305	76-95	1.500	4.9230	0.37185	CHROME	2	ALL W/ .371 STEM DIAM.
01-01294	GM		EX	350	71-96	1.500	4.9230	0.37185	CHROME	2	ALL EXC. VIN L, M, N, R, Z,
01-01307	CHRY		EX	340	68-73	1.600	4.9990	0.37150	CHROME	4	
01-01307	CHRY		EX	360	71-83	1.600	4.9990	0.37150	CHROME	4	71-83 EXC. 76-80 4BBL HI PERF., & 75
01-01322	GM	N	EX	260	75-82	1.300	4.6800	0.34230		1	VIN 8,F
01-01324	GM		EX	350	73-80	1.622	4.6750	0.34230	CHROME	1	1.622 HEAD
01-01325	AMC		EX	232	73-79	1.406	4.8930	0.37200	NONE	4	W/O ROTOCAPS 73-79
01-01325	AMC		EX	258	73-80	1.406	4.8930	0.37200	NONE	4	W/O ROTOCAPS 73-80
01-01325	AMC		EX	304	73-81	1.406	4.8930	0.37200	NONE	4	
01-01326	AMC		EX	360,401	75-91,75-78	1.682	4.9140	0.37210	NONE	4	
01-01327	FORD		EX	302,351W	75-83	1.460	5.0720	0.34140		1	1.460 HEAD
01-01329	CHRY		EX	273	64-69	1.500	5.0050	0.37150	CHROME	4	
01-01329	CHRY		EX	318	63-78	1.500	5.0050	0.37150	CHROME	4	IND: H318, HA318, HB318, HC318, MAR: M318-195S, DO TRK 72-73 SERIES 100-300; 318LA
01-01354	GM-OLDS		EX	307	80-89	1.502	4.6880	0.34230	CHROME	1	OLDS. ENG. , VIN Y
01-01354	GM		EX	350	77-80	1.502	4.6880	0.34230	CHROME	1	77-80, VIN 8, B, R
01-01354	GM		EX	403	77-79	1.502	4.6880	0.34230	CHROME	1	OLDS. ENGINE
01-01358	FORD		EX	300	68-79	1.561	4.8160	0.34195	CHROME	1	75-82 TRK. 65-95 INDUSTRIAL
01-01366	DETR		EX	92 SER		1.380	5.5280	0.31030		1	CHECK S/N FOR 3010,4010 SER
01-01367	FORD		EX	400	78-82	1.656	5.0500	0.34145	CHROME	1	
01-01368S	FORD		EX	460	88-94	1.507	4.9830	0.34190	CHROME	1	
01-01375	J-D	N	EX	270,404,466		1.715	6.1330	0.37200		1	DIESEL ENGINE
01-01377	J-D		EX	404,466		1.715	6.2080	0.37200		1	CHECK S/N FOR 3010,4010 SER
01-01387	GM	N	EX	181,231,252	66-84	1.500	4.7170	0.34080		1	VIN C,E,L,3,4,7,8,9
01-01389	GM		EX	181(3.0)	82-88	1.500	4.7175	0.34080	CHROME	1	VIN L
01-01389	GM		EX	231	78-89	1.500	4.7175	0.34080	CHROME	1	EXC.88 VIN C; FITS 89 VIN 7 TURBO
01-01389	GM		EX	252	80-84	1.500	4.7175	0.34080	CHROME	1	VIN-4
01-01399	CHRY		EX	318	79-89	1.500	4.9825	0.37150	CHROME	4	79-89, EXC. H/D, 4BBL & POLICE
01-01417	CHRY		EX	360	90-92	1.617	4.9950	0.37160		2	1.617 HD VIN5,Z
01-01419	CHRY		EX	318	79-88	1.517	4.9945	0.37160	CHROME	2	
01-01422	NAV		EX	414-466		1.600	5.7870	0.37215	CHROME	1	414,436,466
01-01429S	DETR	N	EX	71 SER. 142,284		1.180	5.5290	0.31040		1	OEM # 5149386
01-01441	AMC		EX	232	64-72	1.406	4.8920	0.37200	CHROME	1	
01-01441	AMC		EX	258	81-91	1.406	4.8920	0.37200	CHROME	1	
01-01441	AMC		EX	290	66-69	1.406	4.8920	0.37200	CHROME	1	
01-01441	AMC		EX	304	70-72	1.406	4.8920	0.37200	CHROME	1	
01-01468S	CAT		EX	893+		1.646	7.1410	0.37170		2	893,1099,1786
01-01469	FORD		EX	232	82-95	1.460	4.8450	0.34145	CHROME	4	
01-01482S	GM	N	EX	379 DIESEL	82-93	1.496	5.1080	0.3718T		2	VIN C,J
01-01497S	CAT		EX	350,636		1.805	5.6830	0.37150		2	CHECK S/N FOR 3020,4020 SER
01-01500	DETR		EX	71 SER		1.180	5.5290	0.31030	CHROME	1	CHECK S/N FOR 3010,4010 SER
01-01504	FORD		EX	300	85-87	1.560	4.7500	0.34195	CHROME	1	E, F, 150/350, U150
01-01504S	FORD		EX	300	85-96	1.560	4.7500	0.34195	CHROME	1	1.560 HEAD
01-01525S	AL-CHLM		EX	426		1.651	6.0175	0.37075		1	CHECK S/N FOR 3010,4010 SER
01-01535	FORD		EX	183	86-00	1.372	4.6145	0.31250	CHROME	3	VIN -U, FORD ENG.
01-01542	FORD, NAV		EX	420/6,9 DSL	83-87	1.595	5.6760	0.37200	CHROME	1	IHC DIESEL
01-01547	FORD		EX	460	88-99	1.653	4.9830	0.34190	CHROME	1	
01-01552	CHRY		EX	2200	86-94	1.394	4.5220	0.31165	CHROME	4	86-94 EXC. TURBO, EXC 86-87 OMNI
01-01552	CHRY		EX	2500	86-96	1.394	4.5220	0.31165	CHROME	4	NON-TURBO 86-96, CHRYSLER
01-01556	AMC		EX	150	87-99	1.500	4.9395	0.31150	CHROME	1	ROUND GROOVE, VIN H, P
01-01556	AMC		EX	242	87-98	1.500	4.9395	0.31150	CHROME	1	VIN M, S, JEEP ENG.
01-01560	GM		EX	173(2.8)	87-89	1.425	4.7360	0.31360	CHROME	1	87-89 W/ALUM HEADS
01-01560	GM		EX	189(3.1)	89-94	1.425	4.7360	0.31360	CHROME	1	89-94 VIN T, W, WITH ALUM. HEADS
01-01566	DETR		EX	60 SER		1.576	8.4980	0.34210		1	CHECK S/N FOR 3010,4010 SER
01-01570	MACK		EX	672		1.570	6.8720	0.37150		1	E6350,E7 4 VALVE
01-01578S	GM		EX	454	84-88	1.720	5.3540	0.37150		1	WITH STAINLESS STL EXC MANUAL
01-01579S	CAT		EX	268,403		1.575	6.9610	0.31500		1	CHECK S/N FOR 3010,4010 SER
01-01581S	CAT		EX	629,732		1.654	6.8500	0.37170		2	CHECK S/N FOR 3020,4020 SER
01-01586	J-D		EX	466,496		1.850	6.1740	0.37200	CHROME	1	CHECK S/N FOR 3010,4010 SER
01-01588	J-D		EX	SARAN		1.673	5.2570	0.30950	CHROME	1	DIESEL ENGINE
01-01591	GM		EX	151(2.5)	82-91	1.500	4.5410	0.31315	CHROME	1	VIN R(PONTIAC)U
01-01597	FORD		EX	140	74-94	1.505	4.8070	0.34145	CHROME	4	74-94, NON-TURBO ALL PASS. CAR, & ALL 77-94 TRK.
01-01597	FORD		EX	140HSC	84-94	1.505	4.8070	0.34145	CHROME	4	84-94 HSC
01-01597	FORD		EX	153HSC	86-91	1.505	4.8070	0.34145	CHROME	4	
01-01630S	CAT	N	EX	425,638		1.896	6.3950	0.37170		2	OEM # 7W7491
01-01632S	CAT		EX	893+		1.646	7.1400	0.37170	CHROME	2	893,1099,1649
01-01653	FORD		EX	158-401		1.807	5.7470	0.37200		1	158,175,192,201,233,401
01-01659S	CUM		EX	855	91-95	1.870	7.7260	0.37890		1	N-14
01-01662S	KOM	N	EX	611,659,671		1.673	7.6950	0.37890		1	L10,ISM,M11
01-01664	CUM		EX	239,359	89-99	1.653	5.0830	0.31350	CHROME	1	1.653 HEAD
01-01666	CASE	N	EX	505		1.811	5.9370	0.37360		1	6CT,6CTA SERIES
01-01666	CUM	N	EX	505		1.811	5.9370	0.37360		1	6C SERIES
01-01670	CHRY		EX	201(3.3)	90-97	1.476	4.9740	0.31155	CHROME	4	90-96 PLYMOUTH, 93-97 EAGLE 3.3L.
01-01670	CHRY		EX	231	91-99	1.476	4.9740	0.31155	CHROME	4	VIN L, J
01-01695S	FORD		EX	158,175,201		1.500	5.7450	0.37040		2	FORD TRACTOR
01-01695S	FORD		EX	256,401		1.510	5.7420	0.37080		2	CHECK S/N FOR 3020,4020 SER
01-01698	FORD		EX	4,6,5,4	97-12	1.340	4.6240	0.27400	CHROME	3	VIN 6,9,V,W,3,L,M,Z TRITON SOHC EXC. CNG & FLEX

Numerical List

ENGINE PRO #	MAKE	NE W	IN/EX	ENGINE	YEARS	HEAD DIAMETER	OVERALL LENGTH	STEM DIAMETER	STEM COATING	KEEPER GROVE	DESCRIPTION/ NOTES / YEARS
EXHAUST VALVES (Continued)											
01-01702	GM	N	EX	207(3.4)	91-97	1.260	4.1000	0.27390		1	
01-01706	GM		EX	281	93-99	1.142	3.5640	0.23350		1	1.142 HEAD
01-01708	FORD		EX	4.6	93-04	1.181	4.5780	0.27400		3	VIN R,V & Y(SUPERCHARGED)
01-01713	CHRY		EX	195,215	93-99	1.142	4.9590	0.27220		3	1.142 HEAD
01-01715	CHRY		EX	239(3.9)	92-99	1.625	4.9190	0.31150	CHROME	1	
01-01715	CHRY		EX	318	92-99	1.625	4.9190	0.31150	CHROME	1	DODGE VIN T,Y, JEEP VIN P, Y
01-01721S	CUM		EX	855		1.875	7.1150	0.45050		2	NH,NT SERIES
01-01727	GM		EX	138(2.3)	90-95	1.240	4.3100	0.27435	CHROME	1	VIN A, D, OHC & QUAD 4
01-01731	CHRY		EX	121(2.0),148(2.4)	95-99	1.201	4.3240	0.23280	CHROME	1	VIN Y, DOHC A588,VIN X, PLY. VIN X,
01-01735	GM		EX	231	95-00	1.473	4.8550	0.37175		1	VIN 1,K EXCEPT '95 VIN 1
01-01737	GM		EX	134(2.2)	94-97	1.457	5.1420	0.27380	CHROME	1	94-97 VIN 4, CHEVY ENGINE
01-01742	CHRY		EX	121(2.0)	95-99	1.130	4.6140	0.23280	CHROME	1	NEON SOHC, VIN C,VIN Y DOHC
01-01744	FORD		EX	140,153	95-00	1.500	4.8070	0.27400		3	1.500 HEAD
01-01746	FORD		EX	121	95-98	1.102	3.8010	0.23690		1	ZETEC
01-01761S	CAT		EX	425,638		1.896	5.3080	0.37170		2	CHECK S/N FOR 3020.4020 SER
01-01780S	GM		EX	381,395	89-00	1.535	5.1080	0.37150		2	395 '89-93 VIN C/ 395 '92-00
01-01784	CAT	N	EX	244,365,ETC		1.473	4.8550	0.37180		1	OEM # 7W-4602
01-01786	FORD		EX	445	93-00	1.680	5.7990	0.31220		1	WITH- DIRECT INJECTION
01-01788	FORD		EX	183	96-00	1.181	4.5460	0.23460		3	SOHC
01-01791	FORD		EX	232	96-00	1.460	4.8440	0.27490		3	1.460 HEAD
01-01807	GM		EX	305	97-00	1.500	4.9200	0.34130		1	VIN M
01-01807S	GM		EX	305,350	96-00	1.500	4.9230	0.34135		1	1.500 HEAD
01-01811	GM		EX	189(3.1)	89-99	1.425	4.7360	0.31360		1	VIN M (ALUM HEADS)
01-01831S	CAT		EX	893+		1.646	7.2500	0.37170		2	893,1099,1649
01-01847S	CUM	N	EX	855		1.870	7.7260	0.37890		1	N-14
01-01900	IHC	N	EX	408(6.7),466(7.6),530(8.7)		1.600	5.7900	0.31120		1	TRACTOR,DT408
01-01903	GM		EX	134(2.2)	98-00	1.457	5.0000	0.27380		1	1.457 HEAD
01-01905	CHRY	N	EX	201,230	98-00	1.476	5.0450	0.31160		4	
01-01912	CAT	N	EX	893,965,+		1.646	7.9530	0.37170		2	OEM # 153-7024
01-01914	FORD		EX	244	97-00	1.535	4.5240	0.27340		3	1.535 HEAD
01-01917	CHRY		EX	150(2.5),242(4.0)	83-06	1.500	4.9390	0.31150		3	AMC VIN E,H,P,U, JEEP VIN L,M,S
01-01919	CHRY		EX	287(4.7)	99-13	1.457	4.5390	0.27220		3	VIN K, VIN J,N,P FLEX
01-01921	CHRY		EX	167(2.7)	98-10	1.094	4.1780	0.23290		3	DOHC VIN D,R,T,U EER
01-01925	FORD		EX	4.6	00-11	1.752	4.7520	0.27500		3	VIN 6,9,V,W,X SOHC
01-01935	GMC	N	EX	323(5.3),350(5.7), 364(6.0)	97-09	1.551	4.9150	0.31360		1	VIN C(LS4 ALUM.BLOCK),G(LS1), S(LS6),U(LS2 VORTEC)
01-01935S	GM		EX	294-364	99-07	1.550	4.9150	0.31360		1	294,323,364 (VORTEC VIN U)
01-01936	FORD		EX	120	97-99	1.457	5.1080	0.31510		3	VIN P
01-01937	GM		EX	146(2.4)	96-00	1.141	4.2380	0.23280	CHROME	1	VIN T, OLDS. ENG.
01-01944S	IHC	N	EX	408(6.7),466(7.6),530(8.7)		1.600	5.7870	0.37140		1	TRACTOR,DT408
01-01946S	IHC	N	EX	466(7.6),530(8.7)		1.786	5.9920	0.37140		1	
01-01992	CHRY		EX	122(2.0)	01-05	1.130	4.6140	0.23290		3	1.130 HEAD
01-01994	CHRY	N	EX	201,230	01-11	1.398	5.0230	0.27330		4	
01-01999	GM		EX	256	02-05	1.201	4.2460	0.23390		3	211,169,256 ENG
01-02007	FORD	N	EX	121,140,152	04-12	1.181	4.1200	0.21530		1	
01-02009	CHRY		EX	148(2.4)	95-08	1.120	4.3240	0.23290		3	1.120 HEAD
01-02010S	GM		EX	133(2.2),146(2.4)	00-08	1.185	3.9750	0.23430		3	ECOTEC LE5,L61
01-02015	CHRY,CUM	N	EX	5.9 DIESEL	98-09	1.299	0.4893	0.27560	CHROME	1	VIN 6,7,C CUMMINS TURBO ISB
01-02036	MITZ	N	EX	226(3.7)	02-09	1.457	4.5390	0.27220		3	VIN K
01-02040S	GM		EX	2.2,3.0	97-05	1.142	3.6340	0.23400		3	1.142 HEAD
01-02047	FORD		EX	183	86-08	1.371	4.6150	0.27400		3	VIN U,1,2
01-02095	MACK	N	EX	672		1.573	6.9920	0.37150		1	E7 ETECH & ASET 4 VALVE
01-02119	FORD	N	EX	281,330,415	04-12	1.479	4.5830	0.23450		3	
01-02126S	GM		EX	496	01-07	1.720	5.3950	0.37110		1	VIN G VORTEC
01-02126S	GM		EX	496		1.720	5.3950	0.37110		1	MERCURUISER CHEV VORTEC 8100
01-02160S	CAT	N	EX	442		1.693	7.8390	0.37170		2	OEM # 147-8211
01-02176	GM	N	EX	403(6.6) DIESEL	01-12	1.220	4.9630	0.27300		1	VIN 1,2,3,6,8,D,L
01-02180	FORD		EX	363	03-10	1.102	5.0590	0.27370		1	POWER STROKE VIN P
01-02187	CUM	N	EX	505		1.496	5.4240	0.31380		1	ISC/QSC SEIES TURBO DIESEL
01-02195	KIA	N	EX	1493CC (1.5)	01-02	0.980	3.7640	0.21410		1	G4EK ALPHA II
01-02197	KIA		EX	1793CC	98-04	1.063	3.9930	0.23520		1	16V DOHC VIN 1 5BP
01-02220	CHRY		EX	345	03-08	1.555	4.8450	0.3126		3	HEMI
01-02240	TOY/SCI	N	EX	1497CC(1.5)	00-12	1.004	3.4610	0.19570		1	1NZFE,1NZFXE
01-02244	NIS		EX	121		1.185	4.2990	0.27350		1	H-20, H-25 FORKLIFT
01-02248S	GM		EX	98(1.6)	04-08	1.073	3.9820	0.23370		1	E-TEC II VIN 6 16V
01-02254	CUM		EX	505		1.811	5.9420	0.37360		1	6C SERIES 12V
01-02263S	CUM		EX	915		1.790	8.8100	0.37890		1	24 DOHC TURBO DIESEL
01-10069	TOY		EX	3878CC(3.9),4227CC(4.2)	67-87	1.478	4.9220	0.31420		3	F & 2F LANDCRUISER, FJ
01-10128	CHRY		EX	1.6,2.0	89-98	1.198	4.3160	0.25750	CHROME	1	89-90 VIN D,E,F,R,U,Y,Z, 4G61,EBG,
01-10128	HYUN		EX	1.6,1.8,2.0,2.4	92-05	1.198	4.3160	0.25750	CHROME	1	VIN R,M,F,S, G4GR,G4CN,G4CP G463, G4SG
01-10128	HYUN		EX	2.4	01-05	1.198	4.3160	0.25750	CHROME	1	VIN 6, G4JS MITSUBISHI
01-10128	MITZ		EX	1.6,2.0,2.4	92-99	1.198	4.3160	0.25750	CHROME	1	VIN Z 4G61, VIN Y, VIN C,D,E,R,F,U 4G63, 4G64
01-10142	CHRY		EX	122(2.0)	83-91	1.378	4.2780	0.31260		1	MITZ ENGINE
01-10170	GM, SUZ		EX	61(1.0)	89-00	1.102	3.3110	0.21440	NONE	1	VIN 2, 6, SUZUKI ENG. 3 CYL.
01-10173S	SUZ		EX	1.3,1.6	89-00	1.278	4.5060	0.27360		1	SUZ ENGINE
01-10191	HONDA	N	EX	1.5,1.6	88-91	0.984	4.6750	0.21480		1	D15B1,B2,6,B7,B8,D16A6
01-10196	HONDA		EX	2.0	88-01	1.104	4.1680	0.25800		1	B20A5-B21A1,B18A1,B18B1
01-10198	HONDA		EX	2156CC	90-97	1.142	4.8620	0.21480		1	F22 A,A1,A6,F22B2
01-10207	HONDA		EX	2259CC	92-96	1.142	4.0440	0.25790		1	H23A1, DOHC
01-10221S	HONDA		EX	2559CC	94-97	1.453	4.2600	0.31230		1	4ZE1
01-10237	MAZDA		EX	2.0,2.2	83-93	1.418	4.3990	0.31600		1	B2000,B2200 TRUCK
01-10269	NIS	N	EX	2.0,2.2,2.4	80-88	1.500	4.9400	0.31300		1	VIN P Z20E, VIN H Z20S, VIN M Z22, VIN R Z22E, VIN N Z24, VIN S Z24I
01-10274S	NIS		EX	2389CC	88-95	1.578	4.8140	0.31300		1	K24E,KA24E
01-10282	NIS		EX	2960(3.0)	84-95	1.382	4.9010	0.31385	NITRIDE	1	VIN 1,C,H,W,VG30,VG30E,IT
01-10285S	NIS	N	EX	2960(3.0)	90-96	1.164	4.0810	0.23430		1	VIN R VG30DE, VIN C VG30DETT TURBO
01-10311	TOY		EX	1456CC	87-94	1.221	3.6320	0.23500	NONE	1	3E, 3EE, 3FE TERCEL

ENGINE PRO #	MAKE	NEW	IN/EX	ENGINE	YEARS	HEAD DIAMETER	OVERALL LENGTH	STEM DIAMETER	STEM COATING	KEEPER GROOVE	DESCRIPTION/ NOTES / YEARS
EXHAUST VALVES (Continued)											
01-10323	TOY		EX	2.0,2.2	84-90	1.416	4.2680	0.31400		1	3YEC,4YEC,4Y-VAN,FORKLIFT
01-10330	TOY		EX	2367(2.4)	81-95	1.457	4.4200	0.31350	NITRIDE	1	22R, 22RE,22REC, EXC. 85-88 TURBO
01-10340	TOY		EX	2959CC(3.0)	88-96	1.380	4.1020	0.31400	NITRIDE	1	3VZE ENGINE
01-10386	FORD		EX	177	86-88	1.417	4.1345	0.31525		3	1.417 HEAD
01-10388	FORD		EX	244	90-97	1.360	4.0980	0.31525	CHROME	3	VIN CODE X, OHV ENG.
01-10420	TOY		EX	1998CC	96-99	1.063	3.8760	0.23510		1	3SFE
01-10474	TOY		EX	2438CC(2.4)	95-99	1.201	4.0860	0.23480		1	2TZFE,2TZFE,2RZFE
01-10499	CHRY	N	EX	1.8	92-96	1.063	4.4800	0.23450		1	VIN C, D 4G93
01-10499	MITA	N	EX	1.8,2.0	92-07	1.063	4.4800	0.23450		1	VIN C, D 4G93, VIN E 4G94
01-10501	CHRY		EX	181(3.0)	91-96	1.199	4.1560	0.25770	CHROME	1	DODGE VIN B, C, J, K, MITSUBISHI 6G72 DOHC, INCL. TURBO 24V
01-10501	MITA		EX	181(3.0),213(3.5)	91-96	1.199	4.1560	0.25770	CHROME	1	VIN-B, C, J, K 6G72 DOHC
01-10521	GM		EX	116(1.9)	91-99	1.081	3.9700	0.27340		1	DOHC VIN 7
01-10525	HONDA		EX	1590CC	92-99	1.024	4.5650	0.21480		1	D16Z6,D16Y5,7.8 VTEC
01-10535	MITA		EX	2972	97-98	1.142	4.4950	0.23420	NITRIDE	1	97-98 6G72, DOHC INCLUDES TURBO
01-10535	MITA		EX	3490	96-98	1.142	4.4950	0.23420	NITRIDE	1	5/96-98 6G74
01-10536	NIS	N	EX	1.6,1.8	95-06	0.984	3.6460	0.21460		1	VIN A,E,P GA16DE, QG18DE
01-10542	HONDA		EX	2254	94-99	1.142	4.4960	0.21480		1	F22B1/F23A1,A4,A5/J30A1
01-10544	HONDA	N	EX	2.2	93-01	1.181	4.2100	0.21530		1	H22A1,H22A4
01-10549	HYUN		EX	1495CC	93-02	1.260	3.8700	0.23440		1	G4EK 12V ALPHA I
01-10553	TOY	N	EX	2995CC(3.0),3300CC(3.3)	94-10	1.073	3.7550	0.21550		1	VIN F,G 1MZFE,3MZFE
01-10563	FORD	N	EX	2.0	93-97	1.089	3.5430	0.23540		1	VIN A MAZDA
01-10563	MAZDA	N	EX	1.8,2.0	93-03	1.089	3.5430	0.23540		1	FP,FS-DE,FS-DE TURBO
01-10696	BMW		EX	1.8-3.2L	91-00	1.196	4.1600	0.23430		3	DOHC 16V,24V
01-10724	HYUN		EX	1.8-2.0L	96-01	1.081	4.1260	0.23390		1	DOHC 16V / G4GM/ G4GF
01-10734S	AUDI, VW	N	EX	2.0,2.8	90-02	1.295	3.5890	0.27420		3	AUDI
01-10736	TOY		EX	1762CC	93-99	1.081	3.4910	0.21540		1	1ZZFE,7AFE
01-10740	HONDA	N	EX	3.2,3.5	98-04	1.142	4.0730	0.23440		1	6VD1W,VIN X 6VE1 (HONDA/ISUZU)
01-10779	HONDA		EX	3.0-3.5L	02-10	1.181	4.4960	0.21480		1	J30A5,J35A4,A7,A9/J35Z1
01-10781	TOY		EX	1794CC	00-08	1.024	3.4920	0.21550		1	1ZZFE
01-10787S	GM	N	EX	2.0,2.5	99-04	1.102	3.3790	0.23390		1	VIN C J20A SUZUKI
01-10787S	GM	N	EX	1.8,2.0,2.5,2.7	96-08	1.102	3.3790	0.23390		1	VIN 2.4 J18A,VIN C J20A,H25,H27A
01-10793	NIS	N	EX	2.4	91-04	1.232	3.8890	0.27400		1	VIN A,B,D,M KA24DE
01-10799	TOY/SCI/LEX	N	EX	2.0,2.4	01-13	1.161	3.9820	0.21550		1	1AZFE,2AZFE,2AZFXE
01-10803S	AUDI, VW		EX	1781CC	98-06	1.177	4.0900	0.23400		3	W-.157 TIP TO GROOVE LGTH
01-10805S	AUDI, VW		EX	1781CC	98-06	1.177	4.0900	0.23400		3	W-.222 TIP TO GROOVE LGTH
01-10807	SUB		EX	2.2,2.5	99-12	1.239	4.7910	0.23430		1	SOHC&DOHC NON TURBO
01-10809	HYUN	N	EX	2.5,2.7	99-10	1.083	3.8230	0.23450		1	G6BV DELTA,G6BA DELTA
01-10809	HYU/KIA	N	EX	2.5,2.7	99-10	1.083	3.8230	0.23450		1	G6BV DELTA,G6BA DELTA
01-10811	HYUN	N	EX	3.0,3.5	01-06	1.201	4.1500	0.25740		1	XG300 SIGMA,VIN 1.4 SIGMA
01-10811	HYU/KIA	N	EX	3.0,3.5	01-06	1.201	4.1500	0.25740		1	XG300 SIGMA,VIN 1.4 SIGMA
01-10813	HYUN	N	EX	1495CC, 1599CC	96-11	0.984	3.6380	0.23420		1	VIN N G4EK,VIN C G4ED
01-10813	HYU/KIA	N	EX	1495CC, 1599CC	96-11	0.984	3.6380	0.23420		1	VIN N G4EK,VIN C G4ED
01-13001	DETR		EX	50 SER		1.556	8.4970	0.34290		1	50/60 SERIES 519,775,858
01-13006	CHRY	N	EX	359,408	02-11	1.299	4.8930	0.27560		1	CUMMINS
01-13039	KIA		EX	1594CC	03-05	1.015	3.7400	0.21430		1	DOHC/16V-A6D
01-13042	GM	N	EX	364(6.0),376,378(6.2)	02-08	1.590	4.9140	0.31360		1	
01-13046	GM	N	EX	2.9,3.7,4.2	02-12	1.323	4.8030	0.23430		3	VIN 9(LLV),(E)(LLR),S(LL8) ISUZU)
01-13078	NIS	N	EX	2.5	02-12	1.206	3.8910	0.23470		1	VIN R L26
01-13078	SUZ	N	EX	2.5	09-12	1.206	3.8910	0.23470		1	NISSAN QR25DE
01-13140S	SUB		EX	2458CC	97-98	1.260	4.1810	0.23420		1	DOHC 16V VIN6 EJ25D
01-13173	HONDA	N	EX	2.4	02-11	1.181	4.2800	0.21480		1	K24A1,A4,A8,K24Z1,Z6
01-13183	IHN/FOT	N	EX	6.4 DIESEL	08-10	1.161	5.1380	0.27380		1	MAXXFORCE 7
01-13183	IHN/FOT	N	EX	6.4 DIESEL	08-10	1.161	5.1380	0.27380		1	MAXXFORCE 7
01-13191	CHRY	N	EX	1.8,2.0,2.4	07-13	1.142	4.1690	0.21510		1	
01-13195	CHRY	N	EX	5.7 HEMI	03-13	1.552	5.1390	0.31260		3	
01-13207	CHRY	N	EX	6.1 HEMI	05-10	1.595	4.9210	0.31250		3	
01-13214	NIS	N	EX	1.8,2.0	07-12	1.093	4.1450	0.21510		1	NISSAN
01-13221	NIS	N	EX	3.5	07-12	1.195	3.7300	0.23490		1	INF/NISSAN
01-13252	CHRY	N	EX	4.7	08-12	1.457	4.5390	0.27220		3	
01-13274S	TOY/LEX	N	EX	4.0,4.3,4.7	90-10	1.142	3.7420	0.21550		1	VIN H,U 1UZFE,3UZFE,VIN T 2UZFE

N=New



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