



OEM to ECI Part Number Cross Reference List



ENGINE COMPONENTS INTERNATIONAL

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ECI is recognized for Quality Management System Compliance to ISO 9001:2000.

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OEM to ECi Part Number Cross-Reference Chart

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OEM P/N	ECi P/N	Description	PMA Supplement*	
			Number	Page
1102	AE27769-2	Plug, Pipe, Int. Wrench, 1/8-27NPT	59	90
3923	AEC3923	Seat, Exhaust	1	29
8313	AE9134	Gasket, Vacuum Pump	51	4
20415	AEL20415	Gasket, Hydraulic Pump	62	17
21153	AEC21153	Shaft, Rocker, O-200 Series	1	29
21153	AEC21154	Rocker Shaft Assy, Thrust Button Type	54	1
21284	AEC21284	Shroud, Pushrod	1	30
21361	AEC21361	Key, Valve Spring Retainer	1	30
21477	AEC21477	Seal, Cylinder Base, TCM 200 Series	41	30
22250	AEC22250	Gasket, Intake Flange, TCM 200 Series	41	23
22949	AEC22949	Bushing, Rocker Shaft Boss	32	1
24026	AEC24026	Retainer, Lower Intake	32	2
24029	AEC24029	Spring, Valve	32	3
24031	AEC24031	Spring, Valve	32	5
24044	AEC24044	Retainer, Lower Exhaust	32	3
24047	AEC24047	Guide, Exhaust	1	31
24122	AEC24122	Bushing, Rocker	1	31
24802	AEC24802	Key, Valve Spring	1	31
35967	AEC35967	Seat, Exhaust	1	32
35971	AEC35971	Retainer, Lower Spring	1	32
60009	AEL60009	Key, Valve Spring	39	35
60072	AEL60072CC	Ring, Scraper	4	3
60096	AEL60096	Gasket, Fuel Pump, AC-Type	51	8
60337	AEL60337	Seat, Exhaust	1	1
60430	AEL60430	Cover, Vacuum Pump	47	51
60592	AEL60592	Gasket, Carburetor	51	10
60803	AEL60803	Strap, Lifting	47	65
60820	AEL60820	Gasket, Oil Suction Flange	51	10
61084	AEL61084	Spring, Oil Pressure Relief Valve	47	21
61098	AEL61098	Housing Assy, Vacuum Pump	39	36
61155	AEL19646P005	Gear, Crankshaft, Plus .005	25	6
61155	AEL19646P010	Gear, Crankshaft, Plus .010	25	6
61155	AEL19646P015	Gear, Crankshaft, Plus .015	25	6
61173	AEL61173	Gasket, Oil Filter Housing	51	10
61174	AEL61174	Shaft, Oil Pump Drive	31	17
61183	AEL61183	Gasket, Vacuum Pump Adapter	51	11
61247	AEL61247	Cover, Rocker	31	4
61247	AEL61247-02	Cover, Rocker, TITAN Stamped	31	4
61297	AEL23274	Impeller, Oil Pump Driving	62	21
61400	AEL61400	Stud, 1/4-20 x 1-3/16 Long	39	32
61531	AEL61531	Gasket, Hydraulic Valve	51	13
61544	AEL61544	Plunger, Fuel Pump	31	18
61665	AEL61665	Gear, Magneto	31	19
61681	AEL61681	Guide, Intake	6	1
62224	AEL62224	Gasket, Magneto Adapter	51	13
62388	AEL62388	Cap, Valve Stem	62	24
62417	AEL62417	Plug, Oil Cooler Bypass	47	60
62869	AEL62869	O-Ring, Cylinder Base Seal	6	2
62916	AEL13883ST	Ring, Compression	4	3
65007	AEL65007	Retainer, Pushrod Shroud	19	8
65098	AEL65087	Cover, Fuel Pump, AC-Type, Cast	47	55
66224	AEL66224	Gasket, Fuel Injector	51	15
66610	AEL66610	Bushing, Rocker	3	1
66670	AEL66670	Bushing, Rocker	1	74
66713	AEL66713	Guide, Intake	1	75
66732	AEL66732	Gasket, Rocker Shaft Cover	1	76
67193	AEL67193	Gasket, Rocker Cover, Lyc. Angle	1	77
67542	AEL67542	Bearing, Radial Ball	62	27
68196	AEL68196ST	Ring, Compression	4	2
68315	AEL68315	Gasket, Accessory Drive Adapter	51	16



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68317	AEL68317	Gear, Prop Governor	39	26
68759	AEL68759	Tube Assy, Oil Drain	39	23
68760	AEL68760	Tube Assy, Oil Drain	39	24
68761	AEL68761	Tube Assy, Oil Drain	39	25
68795	AEL68795	Cover, Rocker	62	27
68987	AEL68987	Shroud, Pushrod	39	20
69106	AEL69106	Cover, Accessory Pad	47	56
69159	AEL69159	Adapter Assy, Fuel Pump	62	28
69164	AEL69164	Gasket, Fuel Pump Adapter	51	17
69235	252575	Ring, Scraper	1	8
69401	AEL69401CC	Ring, Oil Control	4	3
69401	AEL69401ST	Ring, Oil Control	4	3
69532	AEL69532	Retainer, Valve Spring, Upper, Intake	31	11
69551	AEL69551	Gasket, Accessory Drive Adapter	51	18
69603	AEL69603	Hose, 1-3/4 ID x 1-3/4 Long	39	15
69675	AEL69675	Connector, Oil Cooler	47	59
69796	AEL69796	Dowel, Bearing	14	1
69827	AEL69827	Gasket, Prop Governor Spacer	51	19
70310	AEL70310	O-Ring	41	1
70416	AEL70416	Pin, Counterweight	53	2
70455	AEL70455	Gasket, Prop Governor	51	19
70457	AEL70457	Gasket, Oil Fill Extension	62	29
70484	AEL70484	Screen, Oil Suction	47	69
70485	AEL70485	Pipe, Intake	39	13
71140	AEL71140	Adapter, Pipe	47	61
71481	AEL71481	O-Ring, Cylinder Base Seal	41	4
71596	AEL71596	Washer, Accessory Driven Gear	47	61
71611	AEL71611	Retainer, Intercylinder Cooling Baffle	47	5
71646	AEL71646	Lockplate, Idler Gear	51	28
71651	AEL71651	Fitting, Breather	62	30
71652	AEL71652	Gear Assy, Idler, Fuel Pump	62	30
71667	AEL71667	Lockplate, Idler Shaft	62	31
71668	AEL71668	Gear Assy, Idler	62	31
71699	AEL71699	Connector, Intake Pipe	62	32
71894	AEL71894	Seat, Exhaust	1	79
71895	AEL71895	Seat, Intake	1	80
71907	AEL71907	Plate, Counterweight Pin Retaining	53	4
71973	AEL71973	Gasket, Intake Flange	1	80
72022	AEL72022	Pin, Counterweight	53	4
72050	AEL72050	Key, Valve Spring Retainer	47	79
72053	AEL72053	Gasket, Prop Governor	51	20
72057	AEL72057	Seat, Intake	14	2
72058	AEL72058	Seat, Exhaust	14	2
72059	AEL72059	Gasket, Oil Level Gage	51	22
72061	AEL72061	Bushing, Propeller Flange	25	15
72062	AEL72062	Bushing, Propeller Flange	25	17
72075	AEL72075	O-Ring	51	37
72078	AEL72078	Lockplate, Camshaft Gear	31	20
72091	AEL72091	O-Ring	51	39
72158	AEL72158	Bushing, Prop Gov	62	32
72210	AEL72210	Gasket Induction Housing	62	32
72212	AEL72212	Seat, Intake	1	81
72220	AEL72220	Gasket, Oil Level Gage	62	33
72312	AEL72312	O-Ring	51	41
72343	AEL72343	Stabilizer, Fin	14	1
72344	AEL72344	Stabilizer, Fin	62	34
72454	252576	Ring Assembly, Oil Control	1	8
72566	AEL72566	Gear, Starter Ring	31	21
72569	AEL72569	Baffle Assy, Intercylinder Cooling	58	1
72626	AEL72626	Shaft, Rocker, Angle	1	81



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72703	AEL72703	Tube Assy, Oil Drain	62	37
72711	AEL72711	O-Ring	6	2
72797	AEL72797	Pin, Counterweight	53	4
72834	AEL72834	Cover, Baffle, Ignition Cable Hole	62	39
72877	AEL72877	Lifter	19	21
72964	AEL72964	Gear Assy., Hydraulic Pump Driven	62	40
72965	AEL72965	Pin, Counterweight	53	5
72970	AEL72970	Gear, Vacuum Pump	31	23
72974	AEL72974	Gear, Vacuum Pump	62	41
73000	AEL73000	Coupling, Magneto	62	41
73027	AEL73027	Tube Assy, Oil Drain	62	41
73250	AEL73250	Washer, Thrust, Prop Gov Idler	62	44
73251	AEL73251	Washer, Thrust, Prop Governor Idler	62	44
73346	AEL73346	Flange, Intake Pipe	47	15
73383	AEL73383	Lockplate, Alternator Bracket	51	29
73434	AEL73434	Pushrod Assembly	39	16
73648	AEL73648	Pin, Counterweight	53	5
73649	AEL73649	Pin, Counterweight	53	6
73810	AEL73810	Bushing, Counterweight	53	6
73817	AEL73817	Lockplate, Idler Gear Shaft	51	30
73818	AEL73818	Gasket, Accessory Case	51	23
73857	252578ST	Ring, Oil Control	1	11
73938	AEL73938	Valve, Intake	19	35
73998	252578CC	Ring, Oil Control	1	11
74065	AEL74065	O-Ring	51	42
74068	AEL74068	O-Ring	51	43
74070	AEL74070	Elbow, 3/8 Flared, Self-sealing, 45 deg	47	48
74084	AEL74084	Pipe, Intake	58	1
74241	AEL74241PL	Ring, Compression	27	2
74637	AEL74637	Bushing, Valve Rocker	37	3
74641	AEL74641	Shaft, Oil Pump Drive	62	45
74673	252577CC	Ring, Compression	1	11
74712	AEL74712	O-Ring	6	2
74808	AEL74808	Tube Assy, Oil Drain	62	45
74887	AEL74887	Spacer, Thru-bolt	47	63
74996	AEL74996	Gear Assembly, Idler	31	24
75060	AEL75060	Bolt, Connecting Rod	47	76
75061	AEL75061	Bolt, Connecting Rod	31	24
75072	AEL75072	Gear Assembly, Fuel Pump Idler	31	26
75089	AEL75089	Piston, 5-1/8 dia, 8.5:1 Compression Ratio	19	42
75149	AEL72702	Tube Assy, Oil Drain	62	35
75151	AEL75151	Stabilizer, Fin	14	1
75154	AEL75154	Thru-bolt, Mounted	31	27
75165	AEL75165	Clip, Prop Gov Oil Line Support	47	49
75167	AEL75167	Tube Assy, Prop Governor	47	47
75337	AEL75337	Baffle Assy, Intercylinder Cooling	62	46
75338	AEL75338	Baffle Assy, Intercylinder Cooling	62	46
75339	AEL75339	Baffle Assy, Intercylinder Cooling	47	4
75380	AEL75380	Arm, Alternator Adjusting	47	33
75413	AEL75413	Piston, 5-1/8 Dia, 7.2:1 Compression Ratio	19	47
75706	AEL75706	Camshaft, 235 Series	31	31
75761	AEL75761	Tube, Oil Level Gage	47	29
75767	AEL12790	Tube Assy, Oil Level Gauge	47	31
75767	AEL75767	Tube, Oil Level Gage	47	30
75767	AEL75767-1	Tube, Oil Level Gage	47	30
75838	AEL75838HC	Guide, Exhaust, High Chrome	1	88
75906	AEL75906	Gasket, Rocker Cover	41	10
75906	AEL75906-063S	Gasket, Rocker Cover	41	10
75961	AEL10545P010	Piston, Plus .010	1	61
76118	AEL76118	Spacer, Tach Shaft	39	26



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76119	AEL76119	Shield, Breather	47	2
76121	AEL76121	Shaft, Tachometer	31	28
76140	AEL65142-16	Accessory Case Assy, AC Type, Lyc 320/360	47	1
76142	AEL65144-13	Accessory Case Assy, AN Type, Lyc 320/360	47	2
76155	AEL76155	Shaft Assy, Tachometer	62	47
76156	AEL76156	Shield, Breather	62	54
76220	AEL76220	Stud	31	28
76510	AEL76510	Gasket, Temperature Control Valve	51	25
76628	AEL76628	Gear Assembly, Starter Ring, Lyc 320	47	3
76784	AEL76784	Shaft, Oil Pump Drive	62	49
76788	AEL76788	Pin, Counterweight	53	7
77154	AEL77154	Gasket, Fuel Injector Adapter	51	27
77569	AEL77569	O-Ring	6	2
77611	AEL77611	Gasket, Exhaust	1	88
77808	AEL77808	Valve, Oil Pressure Relief	47	19
77852	AEL22772-1	Adapter Assembly, Oil Filter, Angled	47	12
77906	AEL77906	Spacer, Thru-bolt	62	49
78027	AEL78027	Bolt, Connecting Rod, 320 series	47	77
78290	AEL78290	Plunger Assembly, Hydraulic Unit	47	23
78528	AEL78528	Housing Assembly, Oil Pump	39	8
78531	AEL78531	Housing, Oil Pump	39	7
78594	AEL78594	Housing Assy, Prop Governor	39	37
78862	AEL78862PL	Ring, Compression	27	8
78864	252561ST	Ring, Oil Control, Lyc 235 Series	3	1
78914	AEL78914	Connector, Intake Pipe	39	13
78915	AEL78915	Oil Sump Assembly	39	12
350998	AEC350998	Bushing, Counterweight	34	1
401801	AEC401801	Stud, 1/4-20 x 1/4-28, 1-3/16 Long	46	15
401804	AEC401804	Stud, 1/4-20 x 1/4-28, 1-1/16 Long	1	37
401814	AEC401814	Stud, 5/16-18 x 5/16-24, 1-7/8 Long	38	1
401822	AEC401822	Stud, 5/16 x 1-15/16 Long	61	8
401836	AEC401836	Stud, 5/16 x 1-7/16	61	8
401849	AEC401849	Stud, 3/8-16 x 3/8-24, 3-13/16 Long	61	8
401852	AEC401852	Stud, 1/4-20 x 1/4-28, 1-13/32 Long	61	8
401860	AEC401860	Stud, 3/8-16 x 3/8-24, 1-9/16 Long	38	2
401861	AEC401861	Stud, 3/8-16 x 3/8-24, 1-3/4 Long	38	2
401870	AEC401870	Stud, 1/4 Dia X 1-1/8 Long	24	6
401873	AEC401873	Stud, 3/8-16 x 3/8-24, 3-7/8 Long	38	3
401874	AEC401874	Stud, 3/8 x 5	61	9
401885	AEC401885	Stud, 5/16-18 x 5/16-24, 1-5/16 Long	1	38
401893	AEC401893	Stud, 1/4-20 x 1/4-28, 1-1/4 Long	1	39
401927	AEC401927	Stud, 3/8-16 x 3/8-24, 3-1/2 Long	38	3
401928	AEC401928	Stud, 3/8 x 5-1/4	61	9
401932	AEC401932	Stud, 5/16-18 x 5/16-24, 4-1/8 Long	38	3
401936	AEC401936	Stud, 1/4-20 x 1/4-28, 3-7/8 Long	38	3
401944	AEC401944	Stud, 3/8-16 x 3/8-24, 2-7/16 Long	61	9
401945	AEC401945	Stud, 3/8-16 x 3/8-24, 1-5/8 Long	38	4
401950	AEC401950	Stud, 5/15-18 x 5/16-24, 4-7/8 Long	61	9
401952	AEC401952	Stud, 5/16-18 x 5/16-24, 4-9/32 Long	38	4
401962	AEC401962	Stud, 1/4-20 x 1/4-28, 2-3/16 Long	38	4
401963	AEC401963	Stud, 1/4-20 x 1/4-28, 1 Long	38	4
401965	AEC401965	Stud, 3/8-16 x 3/8-24, 1-13/32 Long	38	5
401968	AEC401968	Stud, 1/4-20 x 1/4-28, 4-17/32 Long	38	6
401972	AEC401972	Stud, 3/8 x 4-3/8	38	6
401975	AEC401975	Stud, 5/16-18 x 5/16-24, 1-9/16 Long	38	6
401977	AEC401977	Stud, 3/8-16 x 3/8-24, 2-3/32 Long	38	6
402034	AEC402034	Stud, 5/16-18 x 5/16-24, 6 Long	38	7
402044	AEC402044	Stud, 5/16-18 x 5/16-24, 1-3/8 Long	38	7
402060	AEC402060	Stud, 3/8 x 2-15/16 Long	61	10
402063	AEC402063	Stud, 3/8 x 3-3/8 Long	61	10



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402127	AEC402127	Stud, 3/8-16 x 3/8-24, 1-17/32 Long	38	7
402129	AEC402129	Stud, 1/4 x 2-3/4	61	10
402151	AEC402151	Stud, 5/16-18 x 5/16-24, 1-1/4 Long	24	7
402161	AEC402161	Stud, 1/4 x 6-13/16	61	10
402359	AEC402359	Stud, 5/16-18 x 5/16-24, 4-23/32 Long	38	8
404584	AEC404584	Stud, 5/16-18 x 5/16-24, 6-3/8 Long	38	8
501868	AEC501868	Locktab, Rocker Shaft Retainer	61	10
530162	AEC530162-063S	Gasket, Rocker Cover, .063 Silicone	1	42
530213	AEC530213	Bolt, Connecting Rod	4	3
530383	AEC530383	Bearing, Connecting Rod	1	43
530830	AEC530830	Pin Assembly, Piston	1	45
530928	AEC530928	Gasket, Pushrod Shroud	41	25
531548	AEC531548	Dowel	34	4
531609	AEC531609	Spring, Valve Outer	54	1
531610	AEC531610	Spring, Valve, Intermediate	54	1
531611	AEC531611	Spring, Valve, Inner	54	1
531629	AEC531629	Rotocoil Assy, O-200 Cylinder	54	1
532200	AEC532200	O-Ring, Cylinder Base	1	46
534610	AEC534610	Seal, Pushrod Shroud	41	25
534855	AEC625615-10	Cover, Rocker, with TITAN Label	46	11
534857	AEC534857-063S	Gasket, Rocker Cover	41	26
535133	AEC646263P015	Piston, Plus .015	29	3
535900	AEC535900	Gear, Bevel, Tachometer Drive	46	10
535908	AEC535908	Gear, Bevel, Tachometer Driven Shaft	46	11
536563	AEC536563	Dowel, Crankshaft Assembly	46	6
537296	AEC537296	Shroud, Pushrod	1	50
539467	AEC539467	Piston, Pin and Plug Assembly	1	50
539840	AEC539840	Seal, Pushrod Shroud	41	28
625393	AEC625393	Retainer, Valve Spring, Inner	1	52
625615	AEC625615	Cover, Rocker, TCM 520	46	11
625958	AEC625958	Spring, Outer Valve	32	6
625961	AEC625961	Retainer, Upper Valve Spring	35	1
626140	AEC626140	Nut, 3/8-24UNF, High Special	1	53
626147	AEC626147	Spring, Pushrod Shroud	1	53
626536	AE626536	Diaphragm, Fuel Manifold Valve	61	4
626556	AE626556	Plate, Fuel Manifold Valve	61	4
627123	AE627123	Plate, Fuel Manifold Valve	61	5
628109	AEC628109	Nut, Connecting Rod	42	2
628260	AEC628260	Gasket, Spiral Wound, Exhaust Flange	41	29
628311	AE100018	Spring, Relief Valve	61	2
628333	AE100004	Plunger, Relief Valve	61	1
628975	AEC628975	Bushing, Counterweight Blade	61	10
628978	AEC628978	Bushing, Counterweight	61	11
629004	AEC629004	Ring, Retaining	61	11
629104	AEC629104	Ring, Retaining	61	11
629340	AEC629340	Bolt, Connecting Rod	42	1
629360	AEC629360	Gear, Idler	46	6
629645	AEC629645	Oil Passage Plug	61	11
629680	AEC629680-S	Kit, Oil Transfer Collar, Front Drive	55	2
629702	AEC629702	Seat, Intake	35	2
629747	AEC629747	Gear, Bevel, Prop Governor, Driven	46	8
629748	AEC629748	Gear, Bevel, Prop Gov Drive	46	7
630046	AEC630046	Pin Assembly, Piston	29	2
630167	AE100019	Spring, By-pass	61	3
630184	AE630184	Spring, Fuel Manifold Valve	61	5
630286	AEC630286	O-Ring	5	1
630415	AEC630415	Plug, Hex, 5/16-18UNC	61	11
630464	AEC630464	Bearing, Crankshaft Main	48	1
630591	AEC630591	Seat, Intake	1	54
630826	AEC630826	Bearing, Connecting Rod	36	2



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630870	AEC630870	Bushing, Idler Gear Offset, Flanged	46	13
630871	AEC630871	Bushing, Idler Gear Offset	46	13
630899	AEC630899	Bearing, Roller	34	4
631016	AEC631016	Gear, Oil Pump Driven	46	9
631075	AEC631075	Gear, Oil Pump Drive	46	10
631282	AE631282	Plunger, Fuel Manifold Valve	61	6
631331	AE631331	Spring, Compression, Plunger Needle Valve	61	6
631350	AE631350	Spacer, Fuel Manifold Valve	61	6
631521	AEC631521	Spring, Valve Inner	32	6
631794	AEC631794	Bolt, Connecting Rod, Special	61	12
631808	AEC631808	Plate, Counterweight Retaining	61	12
631845	AEC631845	Gear, Camshaft	46	7
632018	AEC632018	Gear, Alternator Face Drive	55	1
632394	AE632394	Retainer, Fuel Manifold Valve	61	7
632485	AEC632485	Shroud, Pushrod, GTSIO	55	1
632837	AEC632837	Gasket, Exhaust Flange	6	4
632893	AEC632893	Gear, Crankshaft, Large	46	6
632977	AEC632977	Housing Assy, Oil Pump	46	2
634503	AEC634503	Bearing, Crankshaft Main, Large Bore	36	3
634503	AEC634503M005	Bearing, Crank Main, Large Bore, Under .005	36	3
634570	AEC634570	Breather Assy, GTSIO Crankcase	61	13
634619	AE634619	Needle, Plunger, Fuel Manifold Valve	61	7
635106	AEC635106	Pin, Timing Indicator	61	13
635959	AEC635959	Seat, Exhaust	35	2
636144	252545CCP010	Ring, Oil Control, TCM 520 Series, Plus .010	12	1
636242	AEC636242HC	Guide, Exhaust, High Chrome	1	57
636697	AEC636697	Seat, Intake	29	1
637784	AE100015	Plate, Diaphragm	61	2
637837	AEC637837	Spring, Valve Outer	32	5
638110	252511CC	Ring, Compression, TCM 200 Chrome	1	6
638125	AEC638125-2	Stud, Locking, Stainless Steel, w/ Cap Ring	46	13
639193	AEC639193	Bushing, Counterweight	34	1
639282	AEC639282HC	Guide, Exhaust, High-Chrome	16	1
639389	AEC639389	Gear, Starter Shaft	46	8
639640	AEC639640	Bearing, Connecting Rod	36	3
639729	CC108	Ring Set, Chrome Bores, TCM 470 Series	*	
639768	252532CC	Ring, Oil Control, TCM 470	1	7
640298	252531CC	Ring, Oil Control, TCM 200 Series	1	7
640299	250000CC	Ring, Compression	1	4
640482	AEC640482-2	Stud, Locking, Stainless Steel, w/ Cap Ring	46	14
640612	AEC640612	Gasket, Flat Rubber Washer	41	30
641066	AEC641066	O-Ring, Cylinder Base Seal	41	30
641742	AEC641742	Gear, Magneto & Accessory Drive	46	9
641792	AEC641792	Valve, Intake	28	2
641793	AEC641793	Seat, Intake	1	57
642318	AEC642318	Seat, Intake, Venturi	29	2
642398	AEC642398	Bearing, Connecting Rod	36	4
642398	AEC642398M005	Bearing, Connecting Rod, Undersize .005	36	4
642720	AEC642720M005	Bearing, Crankshaft Main, Undersize .005	36	5
643766	AEC643766	Guide, Intake	28	3
643767	AEC643767HC	Guide, Exhaust, High Chrome	28	4
643767	AEC643767HCP040	Guide, Exhaust, High Chrome, Plus .040	28	4
646288	AEC646288	Bearing, Thrust Washer	36	5
646612	AEC646612	Valve, Exhaust	28	3
646681	AEC630262	Guide, Intake	28	1
648005	AEC648005PL	Ring, Compression	27	1
648007	252545ST	Ring, Oil Control, TCM 520 Series	12	1
648008	252546CC	Ring, Scraper, TCM 520 Series	12	1
648009	AEC648009PL	Ring, Compression	27	1
648011	252532WST	Ring, Oil Control, TCM 470 Series	1	7



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648012	252519CC	Ring, Scraper, TCM 470 Series	1	7
648039	AEC648039PL	Ring, Compression	33	1
648041	252542ST	Ring, Oil Control, TCM 360 Series	1	8
648042	252543CC	Ring, Scraper, TCM 360 Series	1	8
649157	AEC649157	Gear, Scavenge Pump Driven	46	8
649159	AEC649159	Gear, Scavenge Pump Drive	46	8
649225	ST112	Ring Set, Steel Bores, TCM 360 Series	*	
649226	ST106	Ring Set, Steel Bores, TCM 470 Series	*	
649632	AEC649632PL	Ring, Compression	27	2
649950	AEC630824	Gasket, Intake Flange	5	1
649959	AEC536413	Gasket, Intake Flange	41	27
652090	AE100009	Gasket, Cover	61	2
652112	AEC652112	Rotocoil Assembly, 470/520/550 Series	35	1
652129	AEC652129	Bushing, Rocker, Wide Groove	34	3
652459	AEC627429	Gasket Assy, Exhaust Flange	41	28
652541	AEC652541	Nut, 1/2-20UNF, Cylinder Base	61	13
652984	AEC652984	Shaft, Rocker	44	1
653380	AEC653380	Gasket, Rocker Cover	5	1
653394	CC102	Ring Set, Chrome Bores, TCM 200 Series	*	
653547	AEC642720	Bearing, Crankshaft Main	36	5
653652	AEC653652	Gear, Crankshaft, Small	46	6
653726	AEC655526HC	Guide, Exhaust, High Chrome	54	1
653732	AEC653732	Wormgear, Starter	56	1
653826	AEC653826	Shaft, Rocker	44	1
653829	AEC653829	Bearing, Crankshaft Main	48	1
654716	ST110	Ring Set, Steel Bores, TCM 520 Series	*	
654721	AEC654721	Piston, 5.00 dia, 8:1 Compression Ratio	29	3
654832	AEC648029	Piston, 5.00 dia, 8.6:1 Compression Ratio	29	3
654833	AEC646263	Piston, 5.00 Dia, 7:1 Compression Ratio	29	3
654840	AEC648044	Piston, 5.25 dia	29	3
654850	AEC648045	Piston, 5.25 dia	29	4
654853	AEC530348	Piston, 4.06 Dia, 7:1 Compression Ratio	1	43
654857	AEC654857	Piston, 5.25 dia	4	1
654862	AEC654729	Piston, 5.0 dia, 7.1:1 compression ratio	29	4
655166	AEC631496	Guide, Intake	1	55
655516	AEC655516	Gear, Camshaft	46	7
655527	AEC24024	Guide, Intake, 61, 61.1	1	31
655528	AEC534857	Gasket, Rocker Cover	41	26
655771	AEC637781	Valve, Exhaust	2	1
655783	AEC539988	Valve, Intake	1	51
655960	AEC35972	Bolt, Connecting Rod	1	33
655971	AEC655971	Valve, Exhaust	54	1
05K19423-S	AEL18109-S	Gear Kit, Oil Pump	*	
05K21100	TISN04.1CA	TITAN Cylinder, Complete Assy, Nickel Bore	23	13
05K21100	TIST04.1CA	TITAN Cylinder, Complete Assy, Steel Bore	23	13
05K21101	TISN07.0CA	TITAN Cylinder, Complete Assy, Nickel Bore	23	13
05K21101	TISN08.0CA	TITAN Cylinder, Complete Assy, Nickel Bore	23	13
05K21101	TIST07.0CA	TITAN Cylinder, Complete Assy, Steel Bore	23	13
05K21101	TIST08.0CA	TITAN Cylinder, Complete Assy, Steel Bore	23	13
05K21102	TISN10.1CA	TITAN Cylinder, Complete Assy, Nickel Bore	23	13
05K21102	TIST10.1CA	TITAN Cylinder, Complete Assy, Steel Bore	23	13
05K21103	TISN10.0CA	TITAN Cylinder, Complete Assy, Nickel Bore	23	13
05K21103	TIST10.0CA	TITAN Cylinder, Complete Assy, Steel Bore	23	13
05K21104	TISN12.0CA	TITAN Cylinder, Complete Assy, Nickel Bore	23	13
05K21104	TIST12.0CA	TITAN Cylinder, Complete Assy, Steel Bore	23	13
05K21117	TISN43.0CA	TITAN Cylinder, Complete Assy, Nickel Bore	23	13
05K21117	TIST43.0CA	TITAN Cylinder, Complete Assy, Steel Bore	23	13
05K21192	TISN12.2CA	TITAN Cylinder, Complete Assy, Nickel Bore	23	13
05K21192	TIST12.2CA	TITAN Cylinder, Complete Assy, Steel Bore	23	13
05K21231	TISN44.0CA	TITAN Cylinder, Complete Assy, Nickel Bore	23	13



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05K21231	TIST44.0CA	TITAN Cylinder, Complete Assy, Steel Bore	23	13
05K21234	TISN26.1CA	TITAN Cylinder, Complete Assy, Nickel Bore	23	13
05K21234	TIST26.1CA	TITAN Cylinder, Complete Assy, Steel Bore	23	13
05K21237-A	TISN04.0CA	TITAN Cylinder, Complete Assy, Nickel Bore	23	13
05K21237-A	TIST04.0CA	TITAN Cylinder, Complete Assy, Steel Bore	23	13
05K21241	TISN26.0CA	TITAN Cylinder, Complete Assy, Nickel Bore	23	13
05K21241	TIST26.0CA	TITAN Cylinder, Complete Assy, Steel Bore	23	13
05K21242	TISN05.0CA	TITAN Cylinder, Complete Assy, Nickel Bore	23	13
05K21242	TIST05.0CA	TITAN Cylinder, Complete Assy, Steel Bore	23	13
05K21423-A	TISN06.0CA	TITAN Cylinder, Complete Assy, Nickel Bore	23	13
05K21423-A	TIST06.0CA	TITAN Cylinder, Complete Assy, Steel Bore	23	13
05K21745	TISN43.1CA	TITAN Cylinder, Complete Assy, Nickel Bore	23	13
05K21745	TIST43.1CA	TITAN Cylinder, Complete Assy, Steel Bore	23	13
05K22034	ST204	Ring Set, Steel Bores, Lyc 235 Series	*	
05K22035	ST203	Ring Set, Steel Bores	*	
05K22128	TISN38.0CA	TITAN Cylinder, Complete Assy, Nickel Bore	23	13
05K22128	TIST38.0CA	TITAN Cylinder, Complete Assy, Steel Bore	23	13
05K22129	TISN38.1CA	TITAN Cylinder, Complete Assy, Nickel Bore	23	13
05K22129	TIST38.1CA	TITAN Cylinder, Complete Assy, Steel Bore	23	13
05K22948	AEL12040-SC	Gasket Set, 235 Series	*	
05K23463	AEL23463	Kit, Oil Pump Impeller, 540	*	
06A19956	AELSTD208	Seal, Vacuum Pump Oil	39	36
06E19769-0.63	AELSTD294	Gasket, Annular	51	33
06E19769-1.00	AELSTD111	Gasket, Annular	51	31
06E19769-1.25	AELSTD1045	Gasket, Annular	51	35
1028-B	AEL1028B	Ball, Pressure Relief Valve	47	17
11B20061-1SH-S	AEL65460-01	Crankcase Assy, Dynafocal 1	39	1
11B20061-3SL-S	AEL65460-09	Crankcase Assy, Conical	39	1
12A19770	AEL19770	Bracket, Engine Mounting	62	16
13B17067	AEL32102-1	Crankshaft Assy, 3.875 Stroke, L10-320 Series	25	2
13B17143	AEL36002-7	Crankshaft Assy, 4.375 Stroke	25	4
13B17150	AEL36002-6	Crankshaft Assy, 4.375 Stroke, 360 Series	25	4
13B21431	AEL23501-1	Crankshaft Assy, 3.875 Stroke, O-235 Series	25	1
13B27120	AEL36002-1	Crankshaft Assy, 4.375 Stroke, 360 Series	25	4
13B27121	AEL36002-2	Crankshaft Assy, 4.375 Stroke, 360 Series	25	4
13B27122	AEL36002-3	Crankshaft Assy, 4.375 Stroke, 360 Series	25	4
13B27123	AEL36002-4	Crankshaft Assy, 4.375 Stroke, 360 Series	25	4
13B27124	AEL36002-5	Crankshaft Assy, 4.375 Stroke, 360 Series	25	4
13B27126	AEL36012-1	Crankshaft Assy, 4.375 ST, Dual Mag, 360	25	5
13B27127	AEL36012-2	Crankshaft Assy, 4.375 ST, Dual Mag, 360	25	5
13B27128	AEL36101-1	Crankshaft Assy, 4.375 Stroke, Big Pin	25	6
13B27129	AEL36101-2	Crankshaft Assy, 4.375 Stroke, Big Pin	25	6
13B27130	AEL36101-3	Crankshaft Assy, 4.375 Stroke, Big Pin	25	6
13B27132	AEL36111-1	Crankshaft Assy, 4.375 ST, Big Pin, Dual Mag	25	6
13B27133	AEL36111-2	Crankshaft Assy, 4.375 ST, Big Pin, Dual Mag	25	6
13B27134	AEL36001-1	Crankshaft Assy, 4.375 Stroke, 360 Series	25	3
13B27135	AEL36001-2	Crankshaft Assy, 4.375 Stroke, 360 Series	25	3
13B27136	AEL36011-1	Crankshaft Assy, 4.375 ST, Sol Main, Dual Mag	25	4
13B27137	AEL36011-2	Crankshaft Assy, 4.375 ST, Sol Main, Dual Mag	25	4
13B27139	AEL36201-1	Crankshaft Assy, 4.375 Stroke, Narrow Pin	25	7
13B37020	AEL32101-4	Crankshaft Assy, 3.875 Stroke, 320 Series	25	1
13B37020	AEL32103-1	Crankshaft Assy, 3.875 Stroke, 320 Series	25	3
13B37022	AEL32101-2	Crankshaft Assy, 3.875 Stroke, 320 Series	25	1
13B37023	AEL32101-3	Crankshaft Assy, 3.875 Stroke, 320 Series	25	1
13B37024	AEL32101-1	Crankshaft Assy, 3.875 Stroke, 320 Series	25	1
13B37024	AEL32103-2	Crankshaft Assy, 3.875 Stroke, 320 Series	25	3
13B37026	AEL32104-1	Crankshaft Assy, 3.875 Stroke, O-320-H2AD	25	3
13S19646	AEL19646	Gear, Crankshaft	25	6
13S19647	AEL19647	Gear, Crankshaft, Lycoming IO-540	47	80
13S19648	AEL19648	Gear, Crankshaft, Lycoming 540	47	81



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13S19649	AEL19649	Gear, Crankshaft	25	8
14W21696	AEL21696	Pin, Counterweight	53	1
15B21319	AEL78524	Socket, Pushrod	47	26
15F19957-12	AEL73412	Pushrod Assembly	39	16
15F19957-13	AEL73413	Pushrod Assembly	39	16
15F19957-14	AEL73414	Pushrod Assembly	39	16
15F19957-15	AEL73415	Pushrod Assembly	39	16
15F19957-35	AEL73435	Pushrod Assembly	39	16
15F19957-36	AEL73436	Pushrod Assembly	39	16
15F19957-37	AEL73437	Pushrod Assembly	39	16
1691-C	AEL1691C	Gasket, Fuel Pump, AN-Type	51	1
16A22130	TISN38.0SA	TITAN Cylinder, Stud Assy, Nickel Bore	23	13
16A22130	TIST38.0SA	TITAN Cylinder, Stud Assy, Steel Bore	23	13
16B21508	TISN06.0SA	TITAN Cylinder, Stud Assy, Nickel Bore	23	13
16B21508	TIST06.0SA	TITAN Cylinder, Stud Assy, Steel Bore	23	13
16R22291	AEL74230HC	Guide, Exhaust, High Chrome	12	1
16R22291-P05	AEL74230HCP005	Guide, Exhaust, High Chrome, Plus .005	12	1
16R22291-P10	AEL74230HCP010	Guide, Exhaust, High Chrome, Plus .010	12	1
16R22291-P20	AEL74230HCP020	Guide, Exhaust, High Chrome, Plus .020	12	1
16R22291-P30	AEL74230HCP030	Guide, Exhaust, High Chrome, Plus .030	12	1
16R22291-P40	AEL74230HCP040	Guide, Exhaust, High Chrome, Plus .040	12	1
17C19386	AEL19386	Cap, Exhaust Valve Stem	62	13
17C21191	AEL21191	Key, Exhaust Valve	62	17
17F19357	AEL19357	Rocker Arm Assembly, Parallel	47	3
18A19441	AEL13884	Bearing, Crankshaft Front Main	39	5
18A19441M03	AEL13884M003	Bearing, Crankshaft Front Main, U/S .003	39	5
18A19441M06	AEL13884M006	Bearing, Crankshaft Front Main, U/S .006	39	5
18A19441M10	AEL13884M010	Bearing, Crankshaft Front Main, U/S .010	39	5
18D19394	AEL11021	Bearing, Crankshaft	39	3
18D19394M03	AEL11021M003	Bearing, Crankshaft, Undersize .003	39	3
18D19394M06	AEL11021M006	Bearing, Crankshaft, Undersize .006	39	3
18D19394M10	AEL11021M010	Bearing, Crankshaft, Undersize .010	39	3
18D23135	AEL16711	Bearing, Crankshaft	39	4
18D23135M03	AEL16711M003	Bearing, Crankshaft	39	4
18D23135M06	AEL16711M006	Bearing, Crankshaft	39	4
18D23135M10	AEL16711M010	Bearing, Crankshaft	39	4
18M19388	AEL69373	Bearing, Connecting Rod	39	7
18M19388M03	AEL69373M003	Bearing, Connecting Rod, Undersize .003	39	7
18M19388M06	AEL69373M006	Bearing, Connecting Rod, Undersize .006	39	7
18M19388M10	AEL69373M010	Bearing, Connecting Rod, Undersize .010	39	7
18M19389M03	AEL13521M003	Bearing, Connecting Rod, Undersize .003	39	6
18M19389M06	AEL13521M006	Bearing, Connecting Rod, Undersize .006	39	6
18M19389M10	AEL13521M010	Bearing, Connecting Rod, Undersize .010	39	6
21284P005	AEC21284P005	Shroud, Pushrod	1	30
21A21533-04	AEL65142-04	Accessory Case Assy, AC Type, Lyc 320/360	47	1
21A21533-05	AEL65142-05	Accessory Case Assy, AC Type, Lyc 320/360	47	1
21A21533-06	AEL65142-06	Accessory Case Assy, AC Type, Lyc 320/360	47	1
21A21533-07	AEL65142-07	Accessory Case Assy, AC Type, Lyc 320/360	47	1
21A21533-08	AEL65142-08	Accessory Case Assy, AC Type, Lyc 320/360	47	1
21A21533-09	AEL65142-09	Accessory Case Assy, AC Type, Lyc 320/360	47	1
21A21533-10	AEL65142-10	Accessory Case Assy, AC Type, Lyc 320/360	47	1
21A21533-12	AEL65142-12	Accessory Case Assy, AC Type, Lyc 320/360	47	1
21A21533-13	AEL65142-13	Accessory Case Assy, AC Type, Lyc 320/360	47	1
21A21533-14	AEL65142-14	Accessory Case Assy, AC Type, Lyc 320/360	47	1
21A21533-15	AEL65142-15	Accessory Case Assy, AC Type, Lyc 320/360	47	1
21A21533-18	AEL65142-18	Accessory Case Assy, AC Type, Lyc 320/360	47	1
21A21533-22	AEL65142-22	Accessory Case Assy, AC Type, Lyc 320/360	47	1
21A21533-23	AEL65142-23	Accessory Case Assy, AC Type, Lyc 320/360	47	1
21A21533-24	AEL65142-24	Accessory Case Assy, AC Type, Lyc 320/360	47	1
21A21534-01	AEL65144-01	Accessory Case Assy, AN Type, Lyc 320/360	47	2



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21A21534-02	AEL65144-02	Accessory Case Assy, AN Type, Lyc 320/360	47	2
21A21534-03	AEL65144-03	Accessory Case Assy, AN Type, Lyc 320/360	47	2
21A21534-04	AEL65144-04	Accessory Case Assy, AN Type, Lyc 320/360	47	2
21A21534-05	AEL65144-05	Accessory Case Assy, AN Type, Lyc 320/360	47	2
21A21534-06	AEL65144-06	Accessory Case Assy, AN Type, Lyc 320/360	47	2
21A21534-07	AEL65144-07	Accessory Case Assy, AN Type, Lyc 320/360	47	2
21A21534-12	AEL65144-12	Accessory Case Assy, AN Type, Lyc 320/360	47	2
24024P030	AEC24024P030	Guide, Intake, Plus .030	1	31
24047P010	AEC24047P010	Guide, Exhaust, Plus .010	1	31
24047P020	AEC24047P020	Guide, Exhaust, Plus .020	1	31
24047P030	AEC24047P030	Guide, Exhaust, Plus .030	1	31
24047P040	AEC24047P040	Guide, Exhaust, Plus .040	1	31
25C-10	AEL25C10	Stud, 1/4 x 1-1/4 Long	39	32
25C-10P003	AEL25C10P003	Stud, 1/4 x 1-1/4 Long, Plus .003	39	32
25C-11	AEL25C11	Stud, 1/4 x 1-3/8 Long	39	32
25C-22	AEL25C22	Stud, 1/4-20 x 2-3/4 Long	39	32
25C-9	AEL25C9	Stud, 1-1/8 Long	39	32
28A21289	AEL67536	Adapter, Vacuum Pump	62	26
31C-10	AEL31C10	Stud, 5/16 x 1-1/4 Long	39	33
31C-10-P03	AEL31C10P003	Stud, 5/16 x 1-1/4 Long, Plus .003	39	33
31C-10-P07	AEL31C10P007	Stud, 5/16 x 1-1/4 Long, Plus .007	39	33
31C-12	AEL31C12	Stud, 5/16 x 1-1/2 Long	39	33
31C-12-P03	AEL31C12P003	Stud, 5/16 x 1-1/4 Long, Plus .003	39	33
31C-12-P07	AEL31C12P007	Stud, 5/16-18 x 1-1/2 Long, Plus .007	39	33
31C-13	AEL31C13	Stud, 5/16 x 1-5/8 Long	39	33
31C-14	AEL31C14	Stud, 5/16 x 1-3/4 Long	39	33
31C-15	AEL31C15	Stud, 5/16-18UNC x 1-7/8 Long	39	33
31C-16	AEL31C16	Stud, 5/16 x 2 Long	39	33
31C-19	AEL31C19	Stud, 5/16 x 2-3/8 Long	39	33
31CD-17	AEL31CD17	Stud, 5/16 x 2-1/8 Long, Drilled	39	33
35967P005	AEC35967P005	Seat, Exhaust, Plus .005	1	32
35967P010	AEC35967P010	Seat, Exhaust, Plus .010	1	32
35967P020	AEC35967P020	Seat, Exhaust, Plus .020	1	32
35967P030	AEC35967P030	Seat, Exhaust, Plus .030	1	32
38-13	AEL38-13	Stud, 3/8-16 x 1-5/8 Long	39	32
38-17	AEL38-22	Stud, 3/8 diameter x 2.750	39	32
383-B	AEL383-B	Nut, Cylinder Deck, 3/8-24 Hex	39	33
38D-17	AEL38D17	Stud, 3/8-24 x 2-1/8 Long, Drilled	39	32
3923P010	AEC3923P010	Seat, Exhaust, Plus .010	1	29
3923P020	AEC3923P020	Seat, Exhaust, Plus .020	1	29
3923P030	AEC3923P030	Seat, Exhaust, Plus .030	1	29
401852P003	AEC401852P003	Stud, 1/4-20 x 1/4-28, 1-13/32 Long Plus .003	61	8
401852P007	AEC401852P007	Stud, 1/4-20 x 1/4-28, 1-13/32 Long Plus .007	61	8
401893P003	AEC401893P003	Stud, 1/4-20 x 1/4-28, 1-1/4 Long, Plus .003	1	39
401893P007	AEC401893P007	Stud, 1/4-20 x 1/4-28, 1-1/4 Long, Plus .007	1	39
402151P003	AEC402151P003	Stud, 5/16-18 x 5/16-24, 1-1/4 Long, Plus .003	24	7
50-15	AEL50-15	Stud, 1/2-13 x 1-7/8 Long	31	8
51A22618	AEL75287	Housing Assy, Oil Pump	39	9
51C23290	AEL23290	Impeller, Oil Pump Driven	62	22
530383M010	AEC530383M010	Bearing, Connecting Rod, Undersize .010	1	43
53E22144	AEL19600	Valve, Temperature Control (Vernatherm)	47	9
56A21246	AEL21246	Oil Sump Assy, Lyc 540 for R44	62	20
60337-P10	AEL60337P010	Seat, Exhaust, Plus .010	1	1
60337-P20	AEL60337P020	Seat, Exhaust, Plus .020	1	1
60337-P30	AEL60337P030	Seat, Exhaust, Plus .030	1	1
61681-P05	AEL61681P005	Guide, Intake, Plus .005	6	1
61681-P10	AEL61681P010	Guide, Intake, Plus .010	6	1
61681-P20	AEL61681P020	Guide, Intake, Plus .020	6	1
61681-P30	AEL61681P030	Guide, Intake, Plus .030	6	1
61681-P40	AEL61681P040	Guide, Intake, Plus .040	6	1



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625065-2	AEC625065-2	Bushing, Rocker Boss	1	52
625065-2	AEC625065-2P005	Bushing, Plus .005	1	52
628249-7	AE100108	Ball, By-Pass Valve	61	3
62916-P10	AEL13883TP010	Ring, Compression, Oversize .010	4	3
629680M010	AEC629680M010-S	Kit, Oil Transfer Collar, Front Drive, M010	55	2
629702P010	AEC629702P010	Seat, Intake, Oversize .010	35	2
629702P020	AEC629702P020	Seat, Intake, Oversize .020	35	2
629702P030	AEC629702P030	Seat, Intake, Oversize .030	35	2
630464M010	AEC630464M010	Bearing, Crankshaft Main, Undersize .010	48	1
630591P005	AEC630591P005	Seat, Intake, Plus .005	1	54
630591P010	AEC630591P010	Seat, Intake, Plus .010	1	54
630591P020	AEC630591P020	Seat, Intake, Plus .020	1	54
630591P030	AEC630591P030	Seat, Intake, Plus .030	1	54
630693-10.44	AEC630693-10.44	Thrubolt, 3/8-24UNF x 10.44 Long	46	3
630826M010	AEC630826M010	Bearing, Connecting Rod, .010 Undersize	36	2
630943-10.50	AEC630943-10.50	Thrubolt, 7/13-20UNF x 10.50 Long	61	12
630943-11.34	AEC630943-11.34	Thrubolt, 7/16-20UNF x 11.34 Long	61	12
630943-5.31	AEC630943-5.31	Thrubolt, 7/16-20UNF x 5.31 Long	61	12
630943-6.19	AEC630943-6.19	Thrubolt, 7/16-20UNF x 6.19 Long	61	12
630979-9	AEC630979-9	O-Ring	41	31
631496P005	AEC631496P005	Guide, Intake, Plus .005	1	55
634503M010	AEC634503M010	Bearing, Crankshaft Main, Large Bore, M010	36	3
635959P010	AEC635959P010	Seat, Plus .010	35	2
635959P020	AEC635959P020	Seat, Plus .020	35	2
635959P030	AEC635959P030	Seat, Plus .030	35	2
636242P005	AEC636242HCP005	Guide, Exhaust, High Chrome, Plus .005	1	57
636242P010	AEC636242HCP010	Guide, Exhaust, High Chrome, Plus .010	1	57
636242P020	AEC636242HCP020	Guide, Exhaust, High Chrome, Plus .020	1	57
636242P030	AEC636242HCP030	Guide, Exhaust, High Chrome, Plus .030	1	57
636242P040	AEC636242HCP040	Guide, Exhaust, High Chrome, Plus .040	1	57
636697P010	AEC636697P010	Seat, Intake, Plus .010	29	1
636697P020	AEC636697P020	Seat, Intake, Plus .020	29	1
636697P030	AEC636697P030	Seat, Intake, Plus .030	29	1
639282P005	AEC639282HCP005	Guide, Exhaust, High-Chrome, Oversize .005	16	1
639282P010	AEC639282HCP010	Guide, Exhaust, High-Chrome, Oversize .010	16	1
639282P020	AEC639282HCP020	Guide, Exhaust, High-Chrome, Oversize .020	16	1
639282P030	AEC639282HCP030	Guide, Exhaust, High-Chrome, Oversize .030	16	1
639565A5	ST108	Ring Set, Steel Bores, TCM 470 Series	*	
639640M010	AEC639640M010	Bearing, Connecting Rod, Undersize .010	36	3
63D21408	AEL74225	Nipple Assembly, Primer	47	42
641793P010	AEC641793P010	Seat, Intake, Plus .010	1	57
641793P020	AEC641793P020	Seat, Intake, Plus .020	1	57
641793P030	AEC641793P030	Seat, Intake, Plus .030	1	57
641931-10.75	AEC641931-10.75	Thrubolt, 1/2-20UNF x 10.75 Long	46	4
641931-9.81	AEC641931-9.81	Thrubolt, 1/2-20UNF x 9.81 Long	46	4
642318P010	AEC642318P010	Seat, Intake, Venturi, Plus .010	29	2
642318P020	AEC642318P020	Seat, Intake, Venturi, Plus .020	29	2
642318P030	AEC642318P030	Seat, Intake, Venturi, Plus .030	29	2
642398M010	AEC642398M010	Bearing, Connecting Rod, Undersize .010	36	4
643626-101	AEC643626-101	Pin, Counterweight	34	2
643626-103	AEC643626-103	Pin, Counterweight	34	2
643626-104	AEC643626-104	Pin, Counterweight	34	2
643626-105	AEC643626-105	Pin, Counterweight	34	2
643626-106	AEC643626-106	Pin, Counterweight	34	2
643626-107	AEC643626-107	Pin, Counterweight	34	2
643766P005	AEC643766P005	Guide, Intake, Plus .005	28	3
643766P010	AEC643766P010	Guide, Intake, Plus .010	28	3
643766P020	AEC643766P020	Guide, Intake, Plus .020	28	3
643766P030	AEC643766P030	Guide, Intake, Plus .030	28	3
643767P005	AEC643767HCP005	Guide, Exhaust, High Chrome, Plus .005	28	4



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643767P010	AEC643767HCP010	Guide, Exhaust, High Chrome, Plus .010	28	4
643767P030	AEC643767HCP030	Guide, Exhaust, High Chrome, Plus .030	28	4
646140-1	AEC646140-1	Stud, Cylinder Deck, 2-1/8 Long	29	2
646140-2	AEC646140-2	Stud, Cylinder Deck, 1-9/16 Long	29	2
646565A1	AEC520-T3	Gasket Set, GTSIO Cyl	*	
646588A1	AEC646588-A1	Bearing Set, Rear Drive Crankcase, Phase II	*	
646588A1M010	AEC646588-A1M010	Bearing Set, Rear Drive Crankcase, Phase II	*	
646591A3	AEC646591-A1	Bearing Set, Rear Drive Crankcase, Phase III	*	
646591A3M010	AEC646591-A1M010	Bearing Set, Rear Drive Case, Phase III, M10	*	
646592A2	AEC646592-A1	Bearing Set, Front Drive Big Main	*	
646592A2M010	AEC646592-A1M010	Bearing Set, Front Drive Big Main, M10	*	
646593-A2	AEC646593-A1	Bearing Set, Front Drive, Small Main Phase II	*	
646593A2M010	AEC646593-A1M010	Bearing Set, Front Drive, Small Main Phase II	*	
646681P010	AEC630262P010	Guide, Intake, Plus .010	28	1
646681P020	AEC630262P020	Guide, Intake, Plus .020	28	1
646681P030	AEC630262P030	Guide, Intake, Plus .030	28	1
648005CP	252501CC	Ring, Compression, TCM 520 Chrome	1	5
648005P005	AEC648005PLP005	Ring, Compression, Plus .005	27	1
648005P010	AEC648005PLP010	Ring, Compression, Plus .010	27	1
648005P015	AEC648005PLP015	Ring, Compression, Plus .015	27	1
648006CP	252509CC	Ring, Compression, Chrome Bore	1	6
648007CP	252545CC	Ring, Oil Control, TCM 520 Series	12	1
648008P005	252546CCP005	Ring, Scraper, Plus .005, TCM 520 Series	12	1
648008P010	252546CCP010	Ring, Scraper, Plus .010, TCM 520 Series	12	1
648008P015	252546CCP015	Ring, Scraper, Plus .015, TCM 520 Series	12	1
648010CP	250001CC	Ring, Compression, TCM 470 Chrome	1	5
648011CP	252532WCC	Ring, Oil Control, TCM 470 Series	1	7
648039CP	252540CC	Ring, Compression	1	7
648041CP	252542CC	Ring, Oil Control, TCM 360 Series	1	8
649225CP	CC112	Ring Set, Chrome Bores, TCM 360 Series	*	
649226CP	CC106	Ring Set, Chrome Bores, TCM 470 Series	*	
649632A1	ST102	Ring Set, Steel Bores, TCM 200 Series	*	
653547M010	AEC642720M010	Bearing, Crankshaft Main, Undersize .010	36	5
653726P010	AEC655526HCP010	Guide, Exhaust, High Chrome, Plus .010	54	1
653726P020	AEC655526HCP020	Guide, Exhaust, High Chrome, Plus .020	54	1
653726P030	AEC655526HCP030	Guide, Exhaust, High Chrome, Plus .030	54	1
653829M010	AEC653829M010	Bearing, Crankshaft Main, Undersize .010	48	1
654716CP	CC110	Ring Set, Chrome Bores, TCM 520 Series	*	
654716P005	ST110P005	Ring Set, Steel Bores, TCM 520, Plus .005	*	
654716P010	ST110P010	Ring Set, Steel Bores, TCM 520, Plus .010	*	
654716P015	ST110P015	Ring Set, Steel Bores, TCM 520, Plus .015	*	
654717P005	252545STP005	Ring, Oil Control, TCM 520 Series, Plus .005	12	1
654717P010	252545STP010	Ring, Oil Control, TCM 520 Series, Plus .010	12	1
654717P015	252545STP015	Ring, Oil Control, TCM 520 Series, Plus .015	12	1
654719P005	252509CCP005	Ring, Compression, Plus .005, Chrome Bore	1	6
654719P010	252509CCP010	Ring, Compression, Plus .010, Chrome Bore	1	6
654719P015	252509CCP015	Ring, Compression, Plus .015, Chrome Bore	1	6
654850P015	AEC648045P015	Piston, 5.25 Dia, Oversize .015	29	4
655166P010	AEC631496P010	Guide, Intake, Plus .010	1	55
655166P020	AEC631496P020	Guide, Intake, Plus .020	1	55
655166P030	AEC631496P030	Guide, Intake, Plus .030	1	55
655455A8	TISN61.1FCA	TITAN Cylinder, Complete Assy, Nickel Bore	24	2
655455A8	TIST61.1FCA	TITAN Cylinder, Complete Assy, Steel Bore	24	2
655465A4	TISN73.1CA	TITAN Cylinder, Complete Assy, Nickel Bore	55	1
655465A4	TISN73.1VA	TITAN Cylinder, Valve Assy, Nickel Bore	55	1
655465A4	TIST73.1CA	TITAN Cylinder, Complete Assy, Steel Bore	55	1
655465A4	TIST73.1VA	TITAN Cylinder, Valve Assy, Steel Bore	55	1
655467A5	TISN68.0VA	TITAN Cylinder, Valve Assy, Nickel Bore	29	2
655467A5	TIST68.3VA	TITAN Cylinder, Complete Assy, Steel Bore	29	2
655467A7	TISN68.3ACA	TITAN Cylinder, Complete Assy, Nickel Bore	29	2



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655467A7	TIST68.3ACA	TITAN Cylinder, Complete Assy, Steel Bore	29	2
655467A8	TISN68.3BCA	TITAN Cylinder, Complete Assy, Nickel Bore	29	2
655467A8	TIST68.3BCA	TITAN Cylinder, Complete Assy, Steel Bore	29	2
655468A6	TISN70.3ACA	TITAN Cylinder, Complete Assy, Nickel Bore	29	2
655468A6	TIST70.3ACA	TITAN Cylinder, Complete Assy, Steel Bore	29	2
655468A7	TISN70.3VA	TITAN Cylinder, Valve Assy, Nickel Bore	29	2
655468A7	TIST70.3SA	TITAN Cylinder, Stud Assy, Steel Bore	29	2
655468A7	TIST70.3VA	TITAN Cylinder, Valve Assy, Steel Bore	29	2
655468A9	TISN70.3BCA	TITAN Cylinder, Complete Assy, Nickel Bore	29	2
655468A9	TIST70.3BCA	TITAN Cylinder, Complete Assy, Steel Bore	29	2
655469A7	TISN71.4ACA	TITAN Cylinder, Complete Assy, Nickel Bore	29	2
655469A7	TIST71.4ACA	TITAN Cylinder, Complete Assy, Steel Bore	29	2
655469A8	TISN71.4CCA	TITAN Cylinder, Complete Assy, Nickel Bore	29	2
655469A8	TIST71.4CCA	TITAN Cylinder, Complete Assy, Steel Bore	29	2
655470A4	TISN71.4BCA	TITAN Cylinder, Complete Assy, Nickel Bore	29	2
655470A4	TIST71.4BCA	TITAN Cylinder, Complete Assy, Steel Bore	29	2
655471A3	TISN76.0VA	TITAN Cylinder, Valve Assy, Nickel Bore	29	2
655471A3	TIST76.0VA	TITAN Cylinder, Valve Assy, Steel Bore	29	2
655471A3	TIST76.3VA	TITAN Cylinder, Valve Assy, Steel Bore	29	2
655471A4	TISN76.0CA	TITAN Cylinder, Complete Assy, Nickel Bore	29	2
655471A4	TISN76.3CA	TITAN Cylinder, Complete Assy, Nickel Bore	29	2
655471A4	TIST76.0CA	TITAN Cylinder, Complete Assy, Steel Bore	29	2
655471A4	TIST76.3CA	TITAN Cylinder, Complete Assy, Steel Bore	29	2
655473A3	TISN72.1VA	TITAN Cylinder, Valve Assy, Nickel Bore	55	1
655473A3	TIST72.1VA	TITAN Cylinder, Valve Assy, Steel Bore	55	1
655473A4	TISN72.1CA	TITAN Cylinder, Complete Assy, Nickel Bore	55	1
655473A4	TIST72.1CA	TITAN Cylinder, Complete Assy, Steel Bore	55	1
655474A19	TISN73.0ACA	TITAN Cylinder, Complete Assy, Nickel Bore	55	1
655474A19	TIST73.0ACA	TITAN Cylinder, Complete Assy, Steel Bore	55	1
655474A20	TISN73.0CA	TITAN Cylinder, Complete Assy, Nickel Bore	55	1
655474A20	TIST73.0CA	TITAN Cylinder, Complete Assy, Steel Bore	55	1
655474A8	TISN73.0VA	TITAN Cylinder, Valve Assy, Nickel Bore	55	1
655474A8	TISN76.3VA	TITAN Cylinder, Valve Assy, Nickel Bore	29	2
655474A8	TIST73.0VA	TITAN Cylinder, Valve Assy, Steel Bore	55	1
655477A7	TISN73.0BCA	TITAN Cylinder, Complete Assy, Nickel Bore	55	1
655477A7	TIST73.0BCA	TITAN Cylinder, Complete Assy, Steel Bore	55	1
655482A6	TIST61.1AVA	TITAN Cylinder, Valve Assy, Steel Bore	24	2
655527P010	AEC24024P010	Guide, Intake, Plus .010	1	31
655527P020	AEC24024P020	Guide, Intake, Plus .020	1	31
655527P040	AEC24024P040	Guide, Intake, Plus .040	1	31
657455A2	TISN61.1DCA	TITAN Cylinder, Complete Assy, Nickel Bore	24	2
657455A2	TIST61.1DCA	TITAN Cylinder, Complete Assy, Steel Bore	24	2
657455A6	TISN61.1ECA	TITAN Cylinder, Complete Assy, Nickel Bore	24	2
657455A6	TIST61.1ECA	TITAN Cylinder, Complete Assy, Steel Bore	24	2
66610-P05	AEL66610P005	Bushing, Rocker, Plus .005	3	1
66610-P10	AEL66610P010	Bushing, Rocker, Plus .010	3	1
66713-P05	AEL66713P005	Guide, Intake, Plus .005	1	75
66713-P10	AEL66713P010	Guide, Intake, Plus .010	1	75
66713-P20	AEL66713P020	Guide, Intake, Plus .020	1	75
66713-P30	AEL66713P030	Guide, Intake, Plus .030	1	75
66713-P40	AEL66713P040	Guide, Intake, Plus .040	1	75
68C19622	AEL61163	Gear, Magneto	39	34
68H22624	AEL13641	Cushion, Magneto Drive	62	4
69401-P10	AEL69401STP010	Ring, Oil Control, Oversize .010	4	3
69796-P05	AEL69796P005	Dowel, Plus .005	14	1
6B21326	AEL21326	Gasket, Oil Sump	62	20
71569-1	AEL540-P	Kit, Gasket, 540 Parallel	*	
71894P010	AEL71894P010	Seat, Exhaust, Plus .010	1	79
71894P020	AEL71894P020	Seat, Exhaust, Plus .020	1	79
71894P030	AEL71894P030	Seat, Exhaust, Plus .030	1	79



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71895P010	AEL71895P010	Seat, Intake, Plus .010	1	80
71895P020	AEL71895P020	Seat, Intake, Plus .020	1	80
71895P030	AEL71895P030	Seat, Intake, Plus .030	1	80
71903-A	AEL71903A	Bushing, Counterweight	53	2
72057-P10	AEL72057P010	Seat, Intake, Plus .010	14	2
72057-P20	AEL72057P020	Seat, Intake, Plus .020	14	2
72057-P30	AEL72057P030	Seat, Intake, Plus .030	14	2
72058-P10	AEL72058P010	Seat, Exhaust, Plus .010	14	2
72058-P20	AEL72058P020	Seat, Exhaust, Plus .020	14	2
72058-P30	AEL72058P030	Seat, Exhaust, Plus .030	14	2
72066-S	AEL72066	Bushing, Propeller	25	18
72067-S	AEL72067	Bushing, Propeller	25	19
72155-S	AEL72155	Bushing, Propeller	25	19
72155-S-P05	AEL72155P005	Bushing, Propeller, Plus .005	25	19
72212-P10	AEL72212P010	Seat, Intake, Plus .010	1	81
72212-P20	AEL72212P020	Seat, Intake, Plus .020	1	81
72212-P30	AEL72212P030	Seat, Intake, Plus .030	1	81
73857P10	252578STP010	Ring, Oil Control, Oversize .010	1	11
74989P10	252577STP010	Ring, Compression, Oversize .010	1	11
75089-P10	AEL75089P010	Piston, Plus .010	19	42
75413-P10	AEL75413P010	Piston, Plus .010	19	47
75439-1	AEL32360	Gasket Set, 290/320/360 Full Engine Overhaul	*	
75656-S	AEL75656	Bushing, Propeller	25	20
75656-S-P05	AEL75656P005	Bushing, Propeller, Plus .005	25	20
75657-S	AEL75657	Bushing, Propeller	25	22
75838-P05	AEL75838HCP005	Guide, Exhaust, High Chrome, Plus .005	1	88
75838-P10	AEL75838HCP010	Guide, Exhaust, High Chrome, Plus .010	1	88
75838-P20	AEL75838HCP020	Guide, Exhaust, High Chrome, Plus .020	1	88
75838-P30	AEL75838HCP030	Guide, Exhaust, High Chrome, Plus .030	1	88
75838-P40	AEL75838HCP040	Guide, Exhaust, High Chrome, Plus .040	1	88
76220-P01	AEL76220P001	Thrubolt, Oversize .001	31	28
76220-P02	AEL76220P002	Thrubolt, Oversize .002	31	28
76220-P05	AEL76220P005	Thrubolt, Oversize .005	31	28
76220-P10	AEL76220P010	Thrubolt, Oversize .010	31	28
78030-S	AEL78030-S	Connecting Rod Assy, 320 Series	39	12
7A19474	AEL19474	Bracket, Alternator	47	36
AEC643767P020	AEC643767HCP020	Guide, Exhaust, High Chrome, Plus .020	28	4
AN844-10D	AN844-10D	Elbow	*	
AN901-8A	AN901-8A	Gasket	*	
AS3582-009	MS9068-009	Ring	*	
LW-10077	AEL10077	Retainer, Upper Spring	31	1
LW-10207-S	AEL10207	Piston, 8.7:1 Compression Ratio	7	1
LW-10208	AEL10208	Piston, 7.3:1 Compression Ratio	1	60
LW-10284	AEL19649P005	Gear, Crankshaft, Plus .005	25	8
LW-10284	AEL19649P010	Gear, Crankshaft, Plus .010	25	8
LW-10284	AEL19649P015	Gear, Crankshaft, Plus .015	25	8
LW-10332	AEL10332	Lockplate, Crankshaft, Dual Magneto	39	28
LW-10442	AEL10442	Gear, Prop Governor	62	1
LW-10545-S	AEL10545	Piston, 7.3:1 Compression Ratio	1	61
LW-10647	AEL10647	Dowel, Bearing	14	1
LW-10647-P05	AEL10647P005	Dowel, Plus .005	14	1
LW-10828	AEL10828	Oil Sump Assy, 320	39	12
LW-11062	AEL65460-02	Crankcase Assy, Dynafocal 1, Thst Wsh Mod	39	1
LW-11485	AEL11485	Shroud, Pushrod	39	20
LW-11626	AEL11626	Guide, Exhaust	57	1
LW-11626	AEL11626HC	Guide, Exhaust, High Chrome	57	1
LW-11626-P05	AEL11626HCP005	Guide, Exhaust, High Chrome, Plus .005	57	1
LW-11626-P10	AEL11626HCP010	Guide, Exhaust, High Chrome, Plus .010	57	1
LW-11626-P10	AEL11626P010	Guide, Exhaust	57	1
LW-11626-P20	AEL11626HCP020	Guide, Exhaust, High Chrome, Plus .020	57	1



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LW-11626-P20	AEL11626P020	Guide, Exhaust	57	1
LW-11626-P30	AEL11626HCP030	Guide, Exhaust, High Chrome, Plus .030	57	1
LW-11665	AEL11665	Thrust Button, Rocker Shaft	47	78
LW-11713	AEL11713	Spring, Oil Pressure Relief Valve	47	23
LW-11750-S	AEL11750-S	Connecting Rod Assy, 360/540 Series	39	11
LW-11795	AEL11795	Spring, Valve	31	2
LW-11796	AEL11796	Spring, Valve	2	1
LW-11797	AEL11797	Spring, Valve	2	1
LW-11800	AEL11800	Spring, Valve	31	4
LW-11900	AEL11900	Seat, Intake	11	1
LW-11900-P10	AEL11900P010	Seat, Intake, Plus .010	11	1
LW-11900-P20	AEL11900P020	Seat, Intake, Plus .020	11	1
LW-11900-P30	AEL11900P030	Seat, Intake, Plus .030	11	1
LW-11901	AEL11901	Valve, Intake	49	1
LW-12032	AEL12032-SC	Gasket Set, Parallel	*	
LW-12098-0-100	AEL12098-100	Tube Assy, Primer/Injector, 10 Long	47	39
LW-12098-0-130	AEL12098-130	Tube Assy, Primer/Injector, 13 Long	47	39
LW-12098-0-140	AEL12098-140	Tube Assy, Primer/Injector Line, 14 Long	47	39
LW-12098-0-170	AEL12098-170	Tube Assy, Primer/Injector, 17 Long	47	39
LW-12098-0-210	AEL12098-210	Tube Assy, Primer/Injector Line, 21 Long	47	39
LW-12098-0-280	AEL12098-280	Tube Assy, Primer/Injector, 28 Long	47	39
LW-12186	AEL12186	Nut, Connecting Rod	31	6
LW-12272	AEL12272	Lockplate, Pushrod Shroud	41	13
LW-12413	TISN07.0SA	TITAN Cylinder, Stud Assy, Nickel Bore	23	13
LW-12413	TIST07.0SA	TITAN Cylinder, Stud Assy, Steel Bore	23	13
LW-12416	TISN04.0SA	TITAN Cylinder, Stud Assy, Nickel Bore	23	13
LW-12416	TIST04.0SA	TITAN Cylinder, Stud Assy, Steel Bore	23	13
LW-12418	TISN05.0SA	TITAN Cylinder, Stud Assy, Nickel Bore	23	13
LW-12418	TIST05.0SA	TITAN Cylinder, Stud Assy, Steel Bore	23	13
LW-12420	TISN09.0SA	TITAN Cylinder, Stud Assy, Nickel Bore	23	13
LW-12420	TIST09.0SA	TITAN Cylinder, Stud Assy, Steel Bore	23	13
LW-12425	TISN10.0SA	TITAN Cylinder, Stud Assy, Nickel Bore	23	13
LW-12425	TIST10.0SA	TITAN Cylinder, Stud Assy, Steel Bore	23	13
LW-12427	TISN12.0SA	TITAN Cylinder, Stud Assy, Nickel Bore	23	13
LW-12427	TIST12.0SA	TITAN Cylinder, Stud Assy, Steel Bore	23	13
LW-12433	TISN26.0SA	TITAN Cylinder, Stud Assy, Nickel Bore	23	13
LW-12433	TIST26.0SA	TITAN Cylinder, Stud Assy, Steel Bore	23	13
LW-12545	AEL12545	Plug, Hex Head, Oil Screen	47	67
LW-12620	AEL12620	O-Ring	6	1
LW-12681	AEL12681	Gasket, Magneto	51	4
LW-12688	AEL12688	Seat, Intake	1	63
LW-12688-P10	AEL12688P010	Seat, Intake, Plus .010	1	63
LW-12688-P20	AEL12688P020	Seat, Intake, Plus .020	1	63
LW-12688-P30	AEL12688P030	Seat, Intake, Plus .030	1	63
LW-12693	AEL23501-2	Crankshaft Assy, 3.875 Stroke, 235 Series	25	1
LW-12706	AEL12706	Adapter, Magneto	47	13
LW-12707	AEL12707	Adapter, Magneto, Impulse Coupling	62	3
LW-12789	AEL12789	Tube Assy, Oil Level Gage, Quick Release	47	31
LW-12795	AEL12795	Gasket, Oil Filter Adapter	51	6
LW-12795	AEL22778	Gasket, Oil Filter Adapter	6	1
LW-12892	AEL12892	Thrust Button, Rocker Shaft	31	4
LW-13322	AEL13322	Retainer, Exhaust, Lower Valve Spring	31	11
LW-13323	AEL13323	Retainer, Lower Valve Spring	31	4
LW-13353	AEL13353	Gasket, Oil Sump	51	7
LW-13521	AEL13521	Bearing, Connecting Rod	39	6
LW-13622	AEL13622	Valve, Intake	15	1
LW-13790	AEL13790	Shaft, Rocker, Parallel	31	4
LW-13792	AEL13792	Seal, Crankshaft Oil	51	47
LW-13793	AEL13793	Stud, 5/16 x 15/16 Long, Drilled End	47	75
LW-13795	AEL13795	Shaft, Crankshaft Idler Gear	62	6



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OEM P/N	ECi P/N	Description	PMA Supplement*	
			Number	Page
LW-13796	AEL13796	Shaft, Idler Gear	31	11
LW-13870	TISN43.0SA	TITAN Cylinder, Stud Assy, Nickel Bore	23	13
LW-13870	TIST43.0SA	TITAN Cylinder, Stud Assy, Steel Bore	23	13
LW-13883	AEL13883CC	Ring, Compression	4	3
LW-13896	AEL13896	Plug, 3/14-16 Hex	62	7
LW-13901	AEL13901	Oil Sump Assy, Lyc 540 Parallel	62	8
LW-13923	AEL13923	Bushing, Connecting Rod	39	33
LW-13926	AEL13926	Adapter, Magneto	62	9
LW-14021	AEL14021	Shaft, Prop Governor Idler Gear	62	9
LW-14077	AEL14077-1	Pin Assembly, Piston	1	65
LW-14233	AEL68196CC	Ring, Compression	4	2
LW-14234	252560CC	Ring, Compression, Lyc 235, Nickel Bore	3	1
LW-14235	252561CC	Ring, Oil Control, Lyc 235 Series	3	1
LW-14260	AEL14260	Seal, Tachometer Shaft	51	49
LW-14760	AEL14760	Gage Assy, Oil Level	47	33
LW-14780	AEL14780	Gage Assy, Oil Level	47	33
LW-14820	AEL14820	Ring, Internal Retaining	62	10
LW-14995	AEL14995	Spring, Pushrod Shroud	51	27
LW-15280	AEL15280	O-Ring	6	1
LW-15357	AEL15357	Piston, 5-1/8 dia, 9:1 Compression Ratio	4	1
LW-15605	TISN44.0SA	TITAN Cylinder, Stud Assy, Nickel Bore	23	13
LW-15605	TIST44.0SA	TITAN Cylinder, Stud Assy, Steel Bore	23	13
LW-16266-10-13	AE16266-10-13	Clamp, Cushion, 1/8 ID for #10 Dia. Screw	47	44
LW-16266-10-75	AE16266-10-75	Clamp, Cushion, 3/4 ID for #10 Dia. Screw	47	44
LW-16266-25-13	AE16266-25-13	Clamp, Cushion	47	44
LW-16266-25-38	AE16266-25-38	Clamp, Cushion, 3/8 ID for 1/4 Dia. Screw	47	44
LW-16471	AEL16471	Gear Assembly, Starter Ring	31	12
LW-16475	AEL16475	Retainer, Upper Spring	31	13
LW-16699-P10	AEL16699P010	Seat, Plus .010	39	34
LW-16699-P20	AEL16699P020	Seat, Plus .020	39	34
LW-16699-P30	AEL16699P030	Seat, Plus .030	39	34
LW-16740	AEL16740	Valve, Exhaust	17	1
LW-16867	AEL16867ST	Ring, Oil Control	4	2
LW-18352	AEL16867CC	Ring, Oil Control	4	2
LW-18369	AEL65460-10	Crankcase Assy, Conical, Thst Wsh Mod	39	1
LW-18638	AEL18638	Lockplate, Crankshaft Gear	62	13
LW-18639	AEL18639	Lockplate, Crankshaft Gear	39	28
LW-18661	AEL18661	Seal, Pushrod Shroud	41	16
LW-18815-S	AEL18815	Bushing, Propeller	25	10
LW-18816-S	AEL18816	Bushing, Propeller	25	11
LW-18817-S	AEL18817	Bushing, Propeller	25	12
LW-18818-S	AEL18818	Bushing, Propeller	25	12
LW-18819-S	AEL18819	Bushing, Propeller	25	12
LW-18819-S-P05	AEL18819P05	Bushing, Propeller Plus .005	25	12
LW-18840	AEL18840	Camshaft Assy	31	6
LW-18921-S	AEL18921	Bushing, Propeller	25	12
LW-18922-S	AEL18922	Bushing, Propeller	25	12
LW-18959-175-25	AEL71910	Clamp, Offset, 1-3/4 ID x 1/4 Offset	47	41
LW-19001	AEL19001	Valve, Exhaust	19	1
LW-19034	AEL19034	Valve, Exhaust	49	1
LW-19096	AEL19096	Gear Assy, Magneto	62	13
LW-19340	AEL19340	Camshaft Assembly, 540 Series	52	1
LW-38.75	AE8001-6-0.75	Bolt, Hex, 3/8-16 UNC-3 x 3/4 Long	59	2
MS13997-3	MS13997-3	Key, Exhaust Valve	*	
MS13998-3	MS13998-3	Cap, Exhaust Valve Stem	*	
MS16624-1087	MS16624-1087	Clip, External Retaining Ring	*	
MS16625-2081	MS16625-2081	Clip, Internal Retaining Ring	*	
MS20822-6	MS20822-6	Elbow, 90 deg, 3/8 Flared x 1/4-NPT	*	
MS20823-6D	MS20823-6D	Elbow, 45 degree, Pipe to Tube	*	
MS21318-20	MS21318-20	Screw, Drive, #4 x 3/16 Long	*	



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OEM P/N	ECi P/N	Description	PMA Supplement*	
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MS29512-04	MS29512-04	O-Ring	*	
MS29512-06	MS29512-06	O-Ring	*	
MS90725-12	MS90725-12	Bolt, Hex, 1/4-20UNC x 1.50 Long	*	
NA	AEL22776-025	Extension, Oil Filter Adapter, Angled, 2.50	47	13
NA	AETKIT01	Kit, Nickel Bore Rejuvenation	*	
NA	AETKIT02	Kit, Nickel Bore Rejuv. Replacement Stones	*	
NA	AETKIT03	Kit, Nickel Bore Rejuv. Replacement Brushes	*	
NAS1352-6H20P	NAS1352-6H20P	Bolt, Int. Wrench, 3/8-16 UNC x 1-1/4	*	
STD-1006	AELSTD1006	O-Ring	51	44
STD-1065	AELSTD1065	Dowel, Crankshaft	25	23
STD-1204	AE8001-4-0.94	Bolt, Hex, 1/4-20 UNC x 15/16 Long	59	2
STD-1215	AE8001-4-1.25	Bolt, Hex, 1/4-20 x 1-1/4 Long	59	2
STD-1252	AEL15592-5	Clamp, Hose	39	33
STD-1269	AEL15592-8	Clamp, Hose	39	33
STD-1323	AE8001-5-1.16	Bolt, Hex, 5/16-18 UNC-3 x 1-5/32 Long	59	2
STD-1410	AE9885-5	Nut, Hex, 5/16-18 UNC	59	71
STD-1411	AE9885-4	Nut, Hex, 1/4-20 UNC	59	71
STD-1414	AE8001-4-1.50	Bolt, Hex, 1/4-20 UNC-3 x 1-1/2 Long	59	2
STD-1415	AE8001-4-1.75	Bolt, Hex, 1/4-20 UNC x 1-3/4 Long	59	2
STD-1416	AE8001D4-1.50	Bolt, Hex, 1/4-20 UNC x 1-1/2 Drilled End	59	2
STD-1419	AE8001-4-1.13	Bolt, Hex, 1/4-20 UNC-3 x 1-1/8 Long	59	2
STD-1499	AE8001-4-0.50	Bolt, Hex, 1/4-20 x 1/2 Long	59	2
STD-160	AE51413-4	Washer, Internal Star, 1/4 ID	59	87
STD-1688	AE8001-4-1.00	Bolt, Hex, 1/4-20 UNC x 1.00 Long	59	2
STD-1727	AELSTD1727	Washer, Plain, 3/4 OD x 21/64 ID x 1/8 Thick	47	71
STD-1821	AELSTD1821	Hose, Cylinder Oil Drain	39	21
STD-1838	AE8001-5-0.94	Bolt, Hex, 5/16-18 UNC-3 x 15/16 Long	59	2
STD-1889	AE8001H5-1.22	Bolt, Hex, 5/16-18 UNC x 1 7/32 Drilled Head	59	2
STD-1925	AEL102	Kit, Rocker Cover Screw	*	
STD-1926	AE8001A5-0.67	Bolt, Hex, 5/16-18 UNC x 43/64 Drilled Head	59	2
STD-1930	AELSTD1930	Hose, Split, Support	47	50
STD-2013	AELSTD2013	O-Ring	51	44
STD-2090	AELSTD2090	Nut, Cylinder Deck	39	33
STD-213	AELSTD213	Seal, Fuel Pump, Oil	51	46
STD-2168	AE9886-5	Nut, Hex, Castle, 5/16-18 UNC	59	74
STD-2180	AELSTD2180	Hose, Cylinder Oil Drain	39	22
STD-2213	AELSTD2213	Bolt, Crankshaft Gear	31	29
STD-2233	AE9887-5	Nut, Hex, Lock, 5/16-18 UNC	59	77
STD-2247	AELSTD2247	Bolt, 5/16-24 x 1-3/4 Long	62	53
STD-2249	AE9886-4	Nut, Hex, Castle, 1/4-20 UNC	59	74
STD-251	AE51413-3	Washer, Internal Lock, #10	59	87
STD-33	AE51412-6	Washer, Plain, 3/8 ID	59	81
STD-35	AE51412-5	Washer, Plain, 5/16 ID	59	81
STD-475	AE51413-5	Washer, Internal Star, 5/16 ID	59	87
STD-514	AELSTD514	Dowel, Accessory Case	39	31
STD-548	AELSTD548	Seal, Dual Accessory Drive Oil	51	47
STD-551	AELSTD551	Plug, 1/2-14NPT, Square Head	39	32
STD-557	AELSTD557	Dowel, 1/2 x 19/32	39	29
STD-596	AE9881-6	Nut, Hex, 3/8-24 UNF	59	63
STD-678	AE51413-6	Washer, Internal Star, 3/8 ID	59	87
STD-684	AELSTD684	Connector, Hose	39	32
STD-8	AE51412-4	Washer, Plain, 1/4 ID	59	81
STD-853	AELSTD853	Tee, 1/8 Tube	47	44
STD-860	AE8006-3-0.63	Screw, Fillister, Slotted, #10-32UNF x 5/8	59	54
STD-872	AE9884-6	Nut, Hex, High Castle, 3/8-24 UNF	59	68

*** NOTES:**

1. ECi kits and sets are comprised of certified, PMA parts; therefore not requiring a PMA number for the complete set.
2. Standard parts are certified by the OEM or industry standard and do not require an ECi PMA.