

ENGINE

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GROUP NO., NAME and PART DESCRIPTION	Part Number	Quantity	
		F47	K100
1.000-ENGINE			
Engine (less Accessories and Clutch)	200175	1	1
Bolt, 3/8"-16 x 3/4" Hx. Hd.	220	2	2
Lockwasher, 3/8" Int. Ext. Tooth	221	2	2
Flatwasher, 1/2" Sm.	222	2	2
Locknut, 1/2"-20 Hx.	223	2	2
1.010-ENGINE SUPPORT INSULATOR-FRONT			
Insulator	200202	2	2
Bolt, 5/16"-24 x 3/4" Hx. Hd.	224	4	4
Flatwasher, 5/16" Sm.	225	4	4
Lockwasher, 5/16" Int. Ext. Tooth	226	4	4
Nut, 5/16"-24 Hx.	189	4	4
1.015-ENGINE SUPPORT-REAR			
Support	201364	1	1
Bolt, 3/8"-16 x 3/4" Hx. Hd.	220	2	2
Lockwasher, 3/8" Med.	192	2	2
Lockwasher, 3/8" Ext. Tooth	291	2	2
1.020-ENGINE SUPPORT INSULATOR-REAR			
Insulator	201365	2	2
Flatwasher, 1/2" Sm. (to Support)	222	2	2
Locknut, 1/2"-20 Hx. (to Support)	223	2	2
Bolt, 5/16"-24 x 3/4" Hx. Hd. (to Crossmember)	224	4	4
Flatwasher, 5/16" Sm. (to Crossmember)	225	4	4
Locknut, 5/16"-24 Hx. (to Crossmember)	326	4	4
1.030-ENGINE GROUND STRAP			
Strap	201498	1	1
Lockwasher, 5/16" Int. Ext. Tooth	226	1	1
1.100-CYLINDER BLOCK			
Block (includes Pistons, Rings, Main and Camshaft Bearings)	200051	1	1
Plug, 1 1/2" (Expansion)	217	1	1
Plug, 1 3/8" (Expansion) (Core Hole)	216	6	6
Plug, 1/4" Pipe Cts'k (Oil Header)	200052	2	2
Draincock, (Water Jacket)	202122	1	1
1.105-CYLINDER BLOCK END PLATE-FRONT			
Plate	200053	1	1
Gasket	200054	1	1
1.110-CYLINDER BLOCK END PLATE-REAR			
Plate	200055	1	1
Dowel Screw	200056	2	2
Bolt, 7/16"-14 x 1 1/8" Hx. Hd.	213	1	1
Lockwasher, 7/16" Med.	193	3	3
1.200-CYLINDER HEAD			
Head	200057	1	1
Bolt, 3/8"-16 x 2 3/4" Hx. Hd.	200058	32	32
Bolt, 3/8"-16 x 2 3/4" Hx. Hd. Spec.	201565	1	1
Flatwasher, 13/32" I.D. x 3/4" O.D.	200059	32	32
Flatwasher, 25/64" I.D. x 5/8" O.D.	200060	1	1
Gasket	200062	1	1

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		F47	K100
1.300—CRANKSHAFT			
Crankshaft (includes Pilot Bushing)	200063	1	1
Bushing, clutch pilot	200064	1	1
1.303—CRANKSHAFT OIL SEAL			
Seal (located in Timing Gear Cover)	200129	1	1
1.310—CRANKSHAFT THRUSTWASHER			
Thrustwasher	200065	1	1
Shim .002	200067	4	4
Shim .008	200068	7	7
Thrust plate	200066	1	1
Slinger	200069	1	1
1.315—CRANKSHAFT MAIN BEARINGS			
Bearing No. 1, Standard	200070	1	1
Bearing No. 2 and No. 3, Standard	200071	2	2
Bearing No. 4, Standard	200072	1	1
Bearing No. 1, .002 undersize	201928	*	*
Bearing No. 2 and No. 3, .002 undersize	201929	*	*
Bearing No. 4, .002 undersize	201930	*	*
Bearing No. 1, .004 undersize	202062	*	*
Bearing No. 2 and 3, .004 undersize	202063	*	*
Bearing No. 4, .004 undersize	202064	*	*
Bearing No. 1, .010 undersize	200337	*	*
Bearing No. 2 and No. 3, .010 undersize	200338	*	*
Bearing No. 4, .010 undersize	200339	*	*
Bearing No. 1, .020 undersize	200340	*	*
Bearing No. 2 and No. 3, .020 undersize	200341	*	*
Bearing No. 4, .020 undersize	200342	*	*
1.315—CRANKSHAFT MAIN BEARING CAPS			
Cap No. 1	200073	1	1
Cap No. 2	200074	1	1
Cap No. 3	200075	1	1
Cap No. 4	200076	1	1
Dowel Pin	200077	5	5
Dowel Ring	200078	1	1
Bolt, ½"-13 x 2½" Hx. Hd. Spec. (No. 1, 2 and 3 Caps)	200079	6	6
Bolt, ½"-13 x 3¼" Hx. Hd. Spec. (No. 4 Cap)	200080	2	2
Flatwasher, ½" Spec.	200081	8	8
1.325—CRANKSHAFT BEARING FILLER BLOCK — FRONT			
Block	200090	1	1
Bolt, 5/16"-18 x ¾" Spec.	200091	1	1
Bolt, 5/16"-18 x ¾" Spec.	200092	2	2
Lockwasher, 5/16" Int. Tooth	200	2	2
1.326—CRANKSHAFT BEARING FILLER BLOCK — REAR			
Block	200093	1	1
Bolt, 5/16"-18 x 2½" Spec.	200094	2	2
Lockwasher, 5/16" Int. Tooth	200	2	2
Gasket—Cork (to Crankshaft)	200095	2	2
Guard (to Block)	200096	1	1
1.330—VIBRATION DAMPER			
Damper	200082	1	1
Bolt, 5/16"-18 x ¾" Hx. Hd.	208	6	6
Lockwasher, 5/16" Int. Tooth	200	6	6

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GROUP NO., NAME and PART DESCRIPTION	Part Number	Quantity	
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1.350-CRANKSHAFT PULLEY			
Pulley	200085	1	1
Hub	200086	1	1
Key, Woodruff special	200087	1	1
Plug—Keyway	200088	1	1
Bolt, 3/4"-16 x 1" Hx. Hd.	214	1	1
Flatwasher, 25/32" Spec.	200089	1	1
1.360-FLYWHEEL			
Flywheel (includes Ring Gear)	200097	1	1
Bolt, 3/8"-24 x 1 1/4" Spec.	200098	6	6
Lockwasher, 3/8" Int. Tooth	201	6	6
Nut, 3/8"-24 Hx. Spec.	200099	6	6
Ring Gear	200100	1	1
1.370-TIMING POINTER			
Pointer — For Flywheel markings	201939	1	1
Screw, No. 4 x 5/16" Drive	200159	2	2
Pointer — For Vibration Damper Markings	200158	1	1
1.400-CONNECTING RODS			
Connecting Rod No. 1 - 3 - 5 (less Bearings)	200101	3	3
Connecting Rod No. 2 - 4 - 6 (less Bearings)	200102	3	3
Bolt, 3/8"-24 x 2 5/16" Spec.	200103	12	12
Nut, 3/8"-24 Hx. Sl. Spec.	200104	12	12
Cotterpin, 3/32" x 3/4"	139	12	12
Bushing, piston pin	200107	6	6
1.405-CONNECTING ROD BEARINGS			
Bearing No. 1 - 3 - 5, Standard	200105	6	6
Bearing No. 2 - 4 - 6, Standard	200106	6	6
Bearing No. 1 - 3 - 5, .001 undersize	200346	*	*
Bearing No. 2 - 4 - 6, .001 undersize	200347	*	*
Bearing No. 1 - 3 - 5, .002 undersize	200348	*	*
Bearing No. 2 - 4 - 6, .002 undersize	200349	*	*
Bearing No. 1 - 3 - 5, .010 undersize	200350	*	*
Bearing No. 2 - 4 - 6, .010 undersize	200351	*	*
Bearing No. 1 - 3 - 5, .012 undersize	200354	*	*
Bearing No. 2 - 4 - 6, .012 undersize	200355	*	*
1.410-PISTONS			
Piston, Standard	200108	6	6
Piston, .002 oversize	200356	*	*
Piston, .005 oversize	200357	*	*
Piston, .010 oversize	200358	*	*
Piston, .020 oversize	200359	*	*
Piston, .030 oversize	200360	*	*
1.415-PISTON RINGS			
Ring—Compression, Standard	200111	12	12
Ring—Compression, .010 oversize	200361	*	*
Ring—Compression, .020 oversize	200362	*	*
Ring—Compression, .030 oversize	200363	*	*
Ring—Oil, Standard	200112	12	12
Ring—Oil, .010 oversize	200364	*	*
Ring—Oil, .020 oversize	200365	*	*
Ring—Oil, .030 oversize	200366	*	*

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GROUP NO., NAME and PART DESCRIPTION	Part Number	Quantity	
		F47	K100
1.420-PISTON PINS			
Pin, Standard	200109	6	6
Pin, .003 oversize	201472	*	*
Pin, .005 oversize	201473	*	*
Retaining Ring	200110	12	12
1.500-CAMSHAFT			
Camshaft	200113	1	1
Thrustplate	200114	1	1
Bolt, 5/16"-18 x 5/8" Hx. Hd. (with L/W)	200352	2	2
Nut, 5/16"-18 Hx.	205	2	2
1.510-CAMSHAFT BUSHINGS			
Bushing No. 1	200115	1	1
Bushing No. 2	200116	1	1
Bushing No. 3	200117	1	1
Bushing No. 4	200118	1	1
1.600-TIMING GEARS			
Gear—on crankshaft	200083	1	1
Key, 1/4" x 1" Woodruff No. 15	200084	1	1
Gear—on camshaft	200119	1	1
Key, 5/32" x 5/8" Woodruff No. 6	200120	1	1
Lock	200121	1	1
Nut, 3/8"-18 Hx.	200122	1	1
1.605-TIMING CHAIN			
Chain	200123	1	1
1.610-TIMING CHAIN COVER			
Cover and Seal	200126	1	1
Bolt, 5/16"-18 x 3/8" Hx. Hd.	209	4	4
Lockwasher, 5/16" Hvy.	191	4	4
Bolt, 7/16"-14 x 1 1/8" Hx. Hd.	213	1	1
Lockwasher, 7/16" Med.	193	1	1
Bolt, 5/16"-18 x 3/4" Hx. Hd. (with L/W)	200353	4	4
Nut, 5/16"-18 Hx.	205	5	5
Stud, 5/16"-18 x 1 1/4"	200127	1	1
Gasket	200128	1	1
1.720-VALVES			
Valve (Intake)	200130	6	6
Valve (Exhaust)	200131	6	6
1.730-VALVE GUIDES			
Guide	200132	12	12
1.735-VALVE SPRINGS			
Spring (Intake and Exhaust)	200133	12	12
Retainer	200134	12	12
Lock	200135	12	12

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GROUP NO., NAME and PART DESCRIPTION	Part Number	Quantity	
		F47	K100
1.740-VALVE TAPPETS			
Tappet	200137	12	12
Screw	200138	12	12
Locknut	200139	12	12

1.750-VALVE TAPPET COVER

Cover	200140	1	1
Stud, 1/4"-20 x 2 3/8"	200141	3	3
Nut, 1/4"-20 Hx.	200142	3	3
Gasket, 7/16" Annular	202145	3	3
Gasket	200143	1	1

ENGINE LUBRICATION

2.200-OIL PUMP

Oil Pump (does not include "Floato")	200240	1	1
Stud, 3/8"-16 x 1 1/2"	201966	1	1
Lockwasher, 3/8" Med.	192	1	1
Nut, 3/8"-16" Hx.	204	1	1
Bushing—in block	200242	1	1

2.205-OIL PUMP BODY

Body (includes Bushing)	200243	1	1
Bushing	300244	1	1

2.210-OIL PUMP DRIVE SHAFT

Shaft	200245	1	1
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2.215-OIL PUMP DRIVEN SHAFT

Shaft	200246	1	1
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2.220-OIL PUMP DRIVE GEAR

Gear—at pump	200247	1	1
Key, 1/8" x 1/2" Woodruff No. 3	200250	1	1
Gear—at camshaft	200248	1	1
Pin, 3/16" x 15/16"	200249	1	1

2.225-OIL PUMP DRIVEN GEAR

Gear (or idler)	200251	1	1
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2.230-OIL PUMP COVER

Cover	200252	1	1
Bolt, 1/4"-20 x 3/4" Hx. Hd.	206	6	6
Lockwasher, 1/4" Med.	190	6	6
Gasket	200253	1	1

2.235-OIL PUMP FLOAT

"Floato"	200254	1	1
Cotterpin, 1/8" x 1 1/4"	199	1	1