

930 999-0008 (7-29-74)

PARTS LISTING FOR ENGINE MODELS AS FOLLOWS:

L25-MS/1527A
 L25-MS/1742A
 L25-MS/2004A - 3110-2308
 L25-MS/2127A

CYLINDER BLOCK GROUP

<u>PART NO.</u>	<u>QTY. USED</u>	<u>PART DESCRIPTION</u>
110-1623	1	Block Assy., Cyl. (Incl. Brg. Plate, Brgs, Guides & Seats)
110-0904	2	Rotocap, Valve
115-0006	2	Tappet, Valve - Specify: Std. or .005" Over
110-1782	1	Cover, Valve Compartment
110-1791	2	Gasket, Valve Cover
517-0048	1	Plug, Camshaft Expansion
STUD, REAR BEARING PLATE MTG.		
520-0114	4	5/16 x 1-5/16"
520-0532	1	5/16 x 1-3/16"
110-0639	4	Lock, Valve & Sprgs. Ret.
110-0892	1	Gasket, Cylinder Head
110-0539	2	Spring, Valve
110-0883	1	Head, Cyl.
110-0902	2	Guide, Valve
101- 0589 0450	2	Bearing, Crankshaft - Frt. & Rear. Specify: Std. Or .002", 010", .020", .030" U/S
104-0575	2	Washer, Crankshaft, Bearing Thrust
101-0115	1	Gasket Kit, Brg. Plate
101-0396	1	Plate, Rr. Brg. (Excl. Brg.)
101-0367	2	Bearing, Camshaft Frt. & Rr. (Precision)
509-0041	1	Seal, Bearing Plate
516-0072	4	Pin, Main Brg. Stop
110-0445	5	Nut, Bearing Plate Stud
123-0486	1	Valve, Breather
526-0063	1	Washer (Copper) Valve Comp. Cover
120-0415	1	Tube, Crankcase Oil
110-1037	1	Valve, Intake (Stellite)
110-0880	1	Valve, Exhaust (Stellite)
INSERT		
110-0872	1	Exhaust Valve Seat (Stellite) Specify: Std., or .002", .005" .010", .025" Over.
110-1000	1	Intake Valve Seat (Stellite) Specify: Std., or .002", .005" .010", .025" Over.
CAP & INDICATOR, OIL FILL		
123-1054	1	Spec 1527A, 1742A
123-1136	1	Spec 2004A, 2127A
123-0191	1	Gasket, Oil Fill Cap
TUBE, OIL FILL		
123-1073	1	Spec 1527A, 1742A
123-0517	1	Spec 2004A, 2127A



CYLINDER BLOCK GROUP (Continued)

<u>PART NO.</u>	<u>QTY. USED</u>	<u>PART DESCRIPTION</u>
520-0634	1	Stud, Valve Comp. Cover
123-1783	1	Baffle, Breather
123-0996	1	Filter, Breather Baffle
SCREW, HEX HEAD CAP 110-087 ⁹	4	Cyl. Hd. (5/16-18 x 1- $\frac{1}{4}$ ") Spec 1527A, 1742A, 2004A
110-0879	2	Cyl. Hd. (5/16-18 x 1- $\frac{1}{4}$ ") Spec 2127A
114-0022	4	Cyl. Hd. (5/16-18 x 1- $\frac{3}{4}$ ") Spec 1527A, 1742A, 2004A
114-0022	3	Cyl. Hd. (5/16-18 x 1- $\frac{3}{4}$ ") Spec 2127A
526-0122	9	Washer, Flat - Cyl. Head
STUD, CYLINDER HEAD 520-0424	1	2-5/16" Long
520-0508	3	3-1/2" Long - Spec 2127A
SPACER, CYLINDER HEAD 110-1899	2	Long - Spec 2127A
110-1900	1	Short - Spec 2127A

GEAR COVER, OIL PUMP & OIL BASE GROUP

509-0008	1	Seal, Oil Governor Shaft
510-0013	1	Bearing, Gov. Shaft (Upper)
SHAFT & ARM, GOVERNOR 150-1137	1	Spec 1527A
150-1237	1	Spec 1742A
150-1285	1	Spec 2004A, 2127A
150-0620	1	Yoke, Governor Shaft
518-0129	1	Ring, Yoke Retainer
516-0130	1	Pin, Gov., Cup Stop (In Gear Cover)
510-0008	1	Bearing, Gov. Shaft (Lower)
510-0014	1	Ball, Bearing, Gov. Shaft
COVER, ASSY., GEAR 103-0294	1	Spec 1527A
103-0323	1	Spec 1742A
103-0355	1	Spec 2004A, 2127A
103-0011	1	Gasket, Gear Cover
102-0107	1	Gasket, Oil Base Mtg.
102-0605	1	Base, Oil
505-0110	1	Plug, Oil Drain
509-0040	1	Seal, Gear Cover
516-0011	2	Pin, Gear Cover (5/16 x 1-1/8")
120-0651	1	Pump, Oil (Components not sold separately)
120-0674	1	Intake, Oil Pump - Incl. Cup Screen & Pipe
801-0054	1	Screw By-Pass Adj. (Incl. Nut)
120-0140	1	Spring, By-Pass Valve
120-0398	1	Valve, By-Pass

GEAR COVER, OIL PUMP & OIL BASE GROUP
(Continued)

<u>PART NO.</u>	<u>QTY. USED</u>	<u>PART DESCRIPTION</u>
120-0161	1	Gasket Kit, Oil Pump
130-0136	1	Stud, Gov. Sensitivity
526-0066	1	Washer, Oil Pressure Relief Valve Adjusting Screw
160-0500	1	Bracket, Timing

CRANKSHAFT, CAMSHAFT, FLYWHEEL AND PISTON GROUP

150-0078	1	Ring, Camshaft Center Pin
150- 0612 1116	1	Cup, Governor
BALL, FLY - GOVERNOR		
510-0015	5	Spec 1527A
510-0015	10	Spec 1742A, 2004A, 2127A
(105-0192) { 104-0032 105-0332	1	Gear Set, Timing, Incl. 1 ea. Crankshaft & Camshaft Grs. (Incl. Flyball Spacer & Plate)
105-0004	1	Washer, Camshaft Gr. Thrust
515-0001	1	Key, Camshaft Gr. Mtg.
CAMSHAFT (Includes Center Pin)		
105-0280	1	Spec 1527A
104-0331	1	Spec 1742A, 2004A, 2127A
150-0075	1	Pin, Center, Camshaft
112-0073	1	Piston & Pin (Incl. Ret. Rings) Specify: Std. or .010", .020" .030", .040" Over.
112-0069	1	Pin, Piston - Specify - Std. or .002" Oversize
112-0003	2	Ring, Piston Pin Ret.
114- 0144 0203	1	Rod, Connecting (Incl. Bush. & Bolts)
113-0089	1	Ring Set, Piston, Specify: Std. or .010", .020", .030" .040" Over
805-0010	2	Bolt, Place - Con. Rod Cap
114-0036	1	Bushing, Piston Pin - Con. Rod
114-0188	2	Bearing, Con. Rod - Specify: Std. or .002", .010", .020" .030" U/S
526-0185	1	Washer, Wheel Mounting
515-0002	1	Key, Wheel Mounting
104-0369	1	Screw, Wheel Mounting
134-1192	1	Flywheel
518-0014	1	Lock, Crankshaft Gr. Washer
104-0043	1	Washer, Crankshaft Gr. Ret.
104- 0687 0876	1	Crankshaft
515-0001	1	Key, Crankshaft Gr. Mtg.

IGNITION GROUP

160-0930	1	Cover, Breaker Box
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IGNITION GROUP (Continued)

<u>PART NO.</u>	<u>QTY. USED</u>	<u>PART DESCRIPTION</u>
160-0150	1	Gasket, Breaker Box Cover
160-0075	1	Cam, Point Gap Adjusting
160-0638	1	Point Set, Breaker
312-0069	1	Condenser
160-0043	1	Gasket, Breaker Box Mounting
160-0262	1	Plunger Assy., Incl. Diaph. & Guide
160-0263	1	Diaphragm, Breaker Box
160-0257	1	Box, Breaker (Incl. Points, Cond. Cover & Gasket)
160-0428	1	Strap, Point Set to Term. Blk
332-0319	1	Block, Insulator Term
332-0284	1	Screw, Terminal
167-0241	1	Plug, Spark

FUEL SYSTEM GROUP

141-0682	1	Carburetor (Separate Group for Components)
503-0516	1	Hose, Breather
503-0614	1	Clamp, Breather Hose
154-0733	1	Gasket, Carb. Mtg.
520-0526	2	Stud, Carb. Mtg.
149-0003	2	Gasket, Fuel Pump Mtg.
526-0063	2	Washer, (Copper) Pump Mtg.
505-0003	1	Elbow, Pipe Exhaust
331-0053	1	Locknut, Exh. Elbow
149-0136	1	Cover, Fuel Pump Hole (Block)
145-0397	1	Inlet, Carb. Air
123-0733	1	Tube, Breather Hose to Inlet
503-0280	1	Clamp, Air Inlet
149-0211	1	Tube, Air Inlet
145-0398	1	Adapter, Air Inlet
140-0921	1	Gasket, Adapter to Carb.

CARBURETOR PARTS GROUP

141-0682	1	Carburetor
141- 0715 0747	1	Repair Kit, Inci. Parts Marked **
141-0714	1	**Gasket Kit, Incl. Parts Marked +
141-0281	1	***Gasket, Carb. Flange
141-0706	1	Valve, Throttle
141-0775	1	Shaft & Lever, Throttle
141-0707	1	Valve, Choke
141-0712	1	Main Jet & Adjusting Assy.
141-0742	1	Shaft, Choke
141-0696	1	+Gasket, Fuel Inlet Valve
141-0077	1	***Gasket, Main Jet
141-0702	1	Float & Lever
141-0708	1	Bowl
141-0701	1	***Gasket, Bowl Ring

CARBURETOR PARTS GROUP (Continued)

<u>PART NO.</u>	<u>QTY. USED</u>	<u>PART DESCRIPTION</u>
141-0703	1	**Pin, Float Lever
141-0704	1	**Valve, Fuel Inlet
141-0713	1	Screw, Idle Adj.
141-0698	4	Screw & Washer, Choke & Throttle Valve
141-0711	1	Spring, Throttle Adj. Screw
141-0710	1	Spring, Idle Adj. Screw
141-0700	1	Screw, Throttle Lever Adj.
141-0661	1	**Seal, Rubber, Throttle Shaft
141-0705	1	**Retainer, Seal - Throttle Shaft
141-0697	1	Seal, Felt - Choke Shaft
141-0203	1	Retainer, Seal - Choke Shaft
141-0699	1	Washer, Spacer - Choke Shaft
143-0354	1	Washer, Seal Cup Spring Retainer
143-0355	1	Lock, Seal Cup Spring Retainer
143-0359	1	Spring, Throttle Shaft Seal
150-1235	1	Spring, Throttle Shaft Tension - Spec 1742A, 2004A 2127A

- + - Contained in Gasket Kit
** - Contained in Repair Kit

GOVERNOR, HOUSING, AND STARTER MOTOR GROUP

<u>PART NO.</u>	<u>QTY. USED</u>	<u>PART DESCRIPTION</u>
150-0611	1	Bracket, Speed Stud
SPRING, GOVERNOR		
150-1044	1	Spec 1527A
150-0098	2	Spec 1742A,
150-0098	1	Spec 2004A, 2127A
STUD, GOVERNOR ADJUSTING		
150-0096	1	Spec 1527A, 2004A, 2127A
150-0096	2	Spec 1742A
150-1023	1	Spec 2004A, 2127A
NUT, GOVERNOR ADJUSTING		
870-0131	1	Spec 1527A, 1742A
150-0033	1	Spec 2004A, 2127A
150-1081	2	Joint, Ball
150-0883	1	Link, Throttle
870-0188	2	Palnut, Locking
134-1838	1	Housing, Cyl. Air
134-1841	1	Housing, Blower
150-1282	1	Bracket, Solenoid Stop
BRACKET, GOVERNOR CONTROL SOLENOID MOUNTING		
150-1241	1	Spec 1742A
150-1281	1	Spec 2004A, 2127A
150-1242	1	Plunger, Solenoid - Spec 1742A, 2004A, 2127A
150-1243	1	Boot, Solenoid Plunger - Spec 1742A, 2004A, 2127A
307-0455	1	Solenoid, Governor Control - Spec 1742A, 2004A, 2127A

GOVERNOR, HOUSING AND STARTER MOTOR GROUP
(Continued)

<u>PART NO.</u>	<u>QTY. USED</u>	<u>PART DESCRIPTION</u>
304-0006	2	Washer, Solenoid Plunger Boot - Spec 1742A, 2004A, 2127A
Cover, Cylinder Air		
134-0586	1	Spec 1527A, 1742A, 2004A
134-2289	1	Spec 2127A
191-0687	1	*Motor, Starting
191-0672	1	Bracket, Starter Motor Mtg.

* - Check Starter Nameplate and Order Components from your nearest dealer.

SERVICE KIT

<u>PART NO.</u>	<u>QTY. USED</u>	<u>PART DESCRIPTION</u>
168-0105	1	Gasket Kit

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Add to Fiche 119K

Parts listed below apply to the L25-MS/2454A Engine. Use these parts in place of/or in addition to those used for the L25-MS/2004A Engine.

<u>PART NO.</u>	<u>QTY. USED</u>	<u>DESCRIPTION</u>
103B416	1	Gear Cover Assembly
150B1404	1	Arm and Shaft, Governor (Part of the Gear Cover Assembly)
150D1399	1	Bracket, Governor Solenoid Mounting
150B1400	1	Brace, Governor Solenoid Bracket
502-138	1	Elbow, Carburetor Inlet
134B2289	1	Cover, Cylinder Head
150A213	1	Stud, Governor Adjusting
870-53	1	Nut, Hex - Governor Adjusting
520A11	1	Stud, Carburetor Mounting
520A822	1	Stud, Gear Cover Mounting and Ground
505-49	1	Elbow, Oil Pressure
505-768	1	Nipple, Pipe - Oil Pressure
502-420	1	Connector, Oil Pressure

Use with 930-0008 attached
or enter these parts ^{thereon}



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