

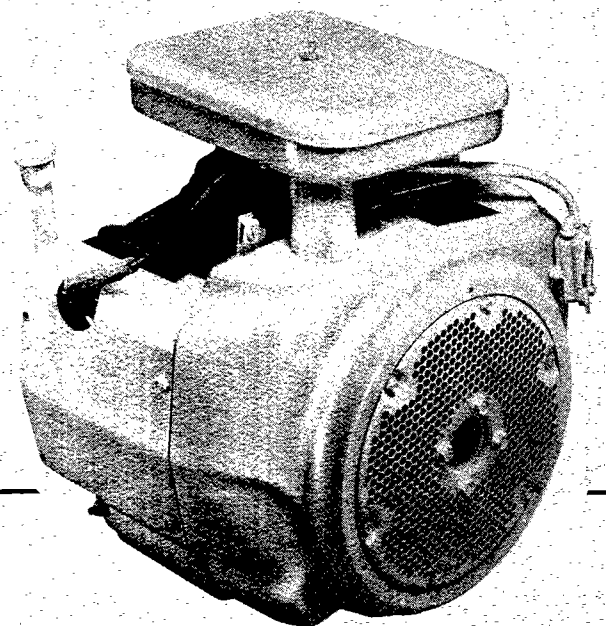
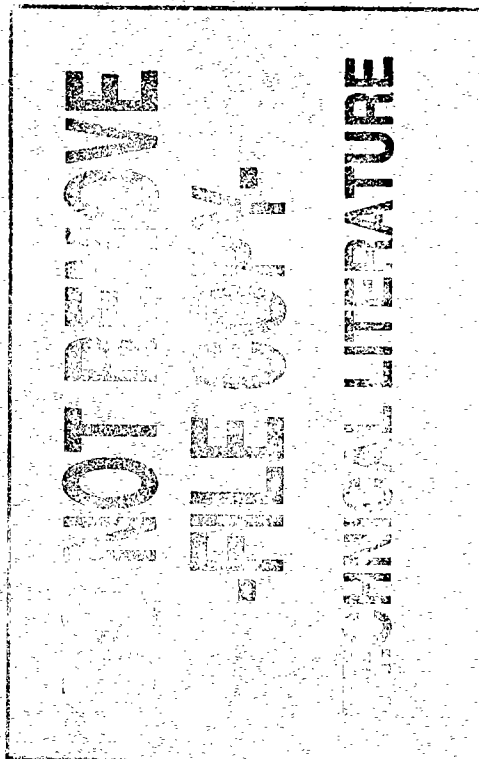
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Absolute

Onan

Parts Manual

B43G-GA018
Engine

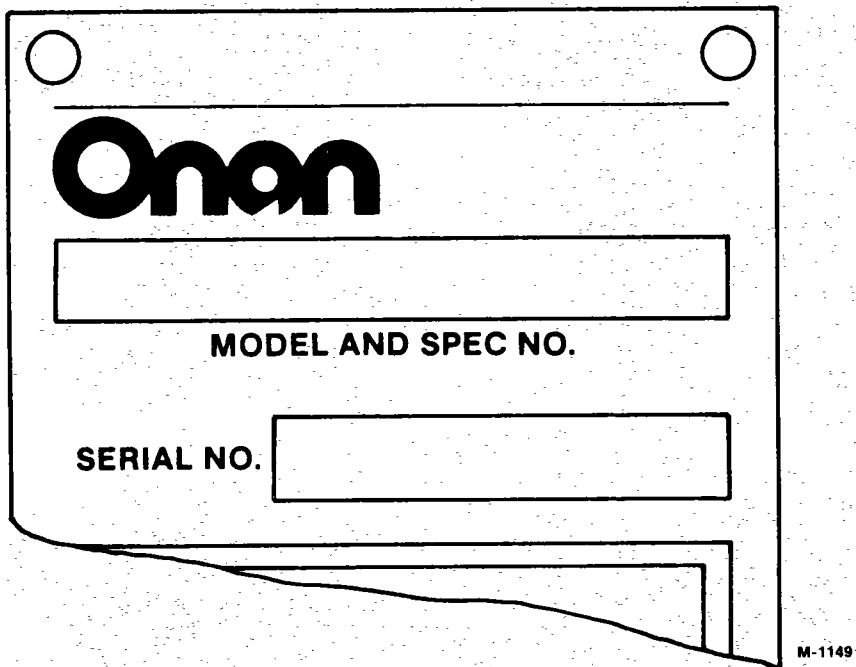


965-0258
4-88 (SPEC B,C,D)
Replaces
4-85 (SPEC B,C,D)
Printed in U.S.A.

General Information

For parts or service, contact the dealer from whom you purchased this equipment or refer to your Nearest Authorized Onan Parts and Service Center.

To avoid errors or delay in filling your parts order, always give the MODEL, SPEC NO. and SERIAL NO. from the Onan nameplate.



The image shows a rectangular form designed to look like a metal nameplate. It has two circular holes at the top corners. The word "Onan" is printed in a large, bold, stylized font. Below it is a long horizontal rectangular box. Underneath that box, the text "MODEL AND SPEC NO." is printed. Below this text is another horizontal rectangular box. To the left of this second box, the text "SERIAL NO." is printed. The bottom right corner of the form is cut off diagonally. The number "M-1149" is printed in the bottom right corner of the form.

Onan

MODEL AND SPEC NO.

SERIAL NO.

M-1149

For handy reference, insert "YOUR" nameplate information in the spaces above.

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Introduction

This Catalog applies to the standard B43G-GA018 Engines. Parts are arranged in groups of related items. Each illustrated part is identified by a reference number corresponding to the same reference number in the parts list for that group. Parts illustrations are typical. Using the **Model** and **Spec No.** from the nameplate, select the **Parts** that apply to your engine. Unless otherwise mentioned in the description, parts are interchangeable between models. Right and left sides are determined by facing the blower end (front) of the engine.

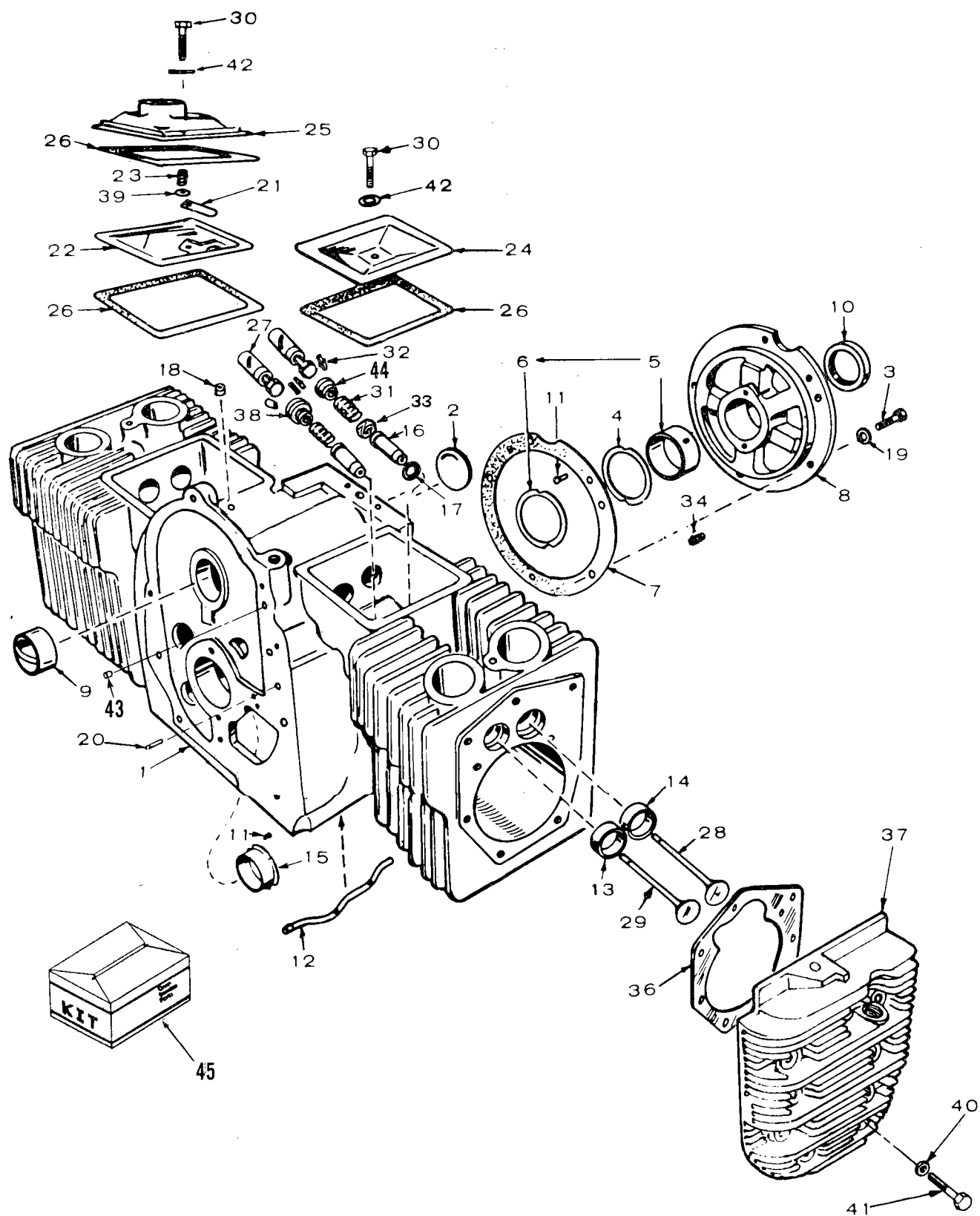
WARNING

This engine is not designed or intended for use in any type of aircraft. Use of this engine in aircraft may result in engine failure and cause serious bodily injury, death and/or property damage.

NOTICE!

Items referenced as **Optional** indicate part is factory installed and may not be applicable to all models. For field conversions additional parts are usually required.

Cylinder Block

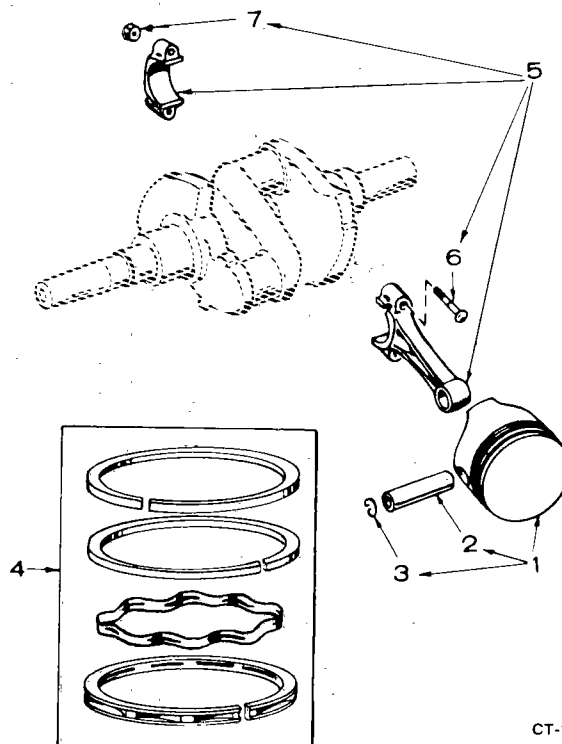


Cylinder Block

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1		1	Block, Cylinder (See Short Block Catalog #932-0109) (Includes Parts Marked *)	18	517-0120	1	*Plug, Breather Hole
2	517-0048	1	*Plug, Welch (1-5/8")	19	850-0050	5	*Washer, Lock - Spring (3/8")
3	800-0051	5	*Screw, Cap - Hex Head (3/8-16 x 1-1/4")	20	516-0141	2	*Pin, Gear Cover Alignment
4	104-0776	AR	*Shim, Crankshaft End Play (.005")	21	123-1175	1	Reed, Breather Valve
5			Bearing, Crankshaft - Rear (Includes Thrust Washer)	22	123-1173	1	Baffle, Breather Valve
	101-0450	1	*Standard	23	123-1174	1	Spring, Breather Valve
	101-0450-02	1	.002" Undersize	24	110-1879	1	Cover, Valve - RH
	101-0450-10	1	.010" Undersize	25	110-2274	1	Cover, Valve - LH
	101-0450-20	1	.020" Undersize	26	110-1921	3	Gasket, Valve Cover
	101-0450-30	1	.030" Undersize	27			Tappet, Valve
6	104-0575	2	*Washer, Thrust		115-0006	4	Standard
7	101-0415	1	*Gasket, Bearing Plate		115-0006-02	4	.002" Oversize
8			Plate, Bearing - Rear		115-0006-05	4	.005" Oversize
	101-0439	1	*Standard	28	110-2368	2	Valve, Intake
	101-0551	1	Optional - 4 Boss	29	110-1955	2	Valve, Exhaust
	101-0430	1	Optional - SAE B	30	800-0010	2	Screw, Cap - Hex Head (1/4-20 x 1-3/4")
	101-0437	1	Optional - SAE A	31	110-0539	4	Spring, Valve
9	101-0405	2	*Bearing, Camshaft	32	110-0639	8	Lock, Valve Spring
10	509-0041	1	*Seal, Oil - Crankshaft Rear	33	509-0168	2	Seal, Valve - Intake (Optional)
11	516-0072	2	*Pin, Drive - Bearing Stop	34	803-0071	2	Screw, Set (3/8-16 x 5/8")
12	120-0735	1	*Tube, Oil - Cylinder Block	36			Gasket, Cylinder Head
13			Insert, Valve Seat - Exhaust		110-2287	2	Standard
	110-1824	2	*Standard		110-3181	2	Optional (Graphoil)
	110-1824-02	2	.002" Oversize	37			Head, Cylinder
	110-1824-05	2	.005" Oversize		110-3214	1	Right Side
	110-1824-10	2	.010" Oversize		110-3213	1	Left Side
	110-1824-25	2	.025" Oversize	38	110-0904	4	Roto Cap - Valve
14			Insert, Valve Seat - Intake	39	526-0018	1	Washer, Flat (1/4" Screw)
	110-0197	2	*Standard	40	526-0122	18	Washer, Flat (11/32" ID x 23/32" OD x 10 Ga. Thk)
	110-0197-02	2	.002" Oversize	41			Screw, Cap - Hex Head (Special)
	110-0197-05	2	.005" Oversize		800-0540	8	1-5/8" Long
	110-0197-10	2	.010" Oversize		800-0571	10	2" Long
	110-0197-25	2	.025" Oversize	42	526-0063	2	Washer, Flat - Copper (17/64" ID x 7/16" OD x 1/32" Thk)
15			Bearing, Crankshaft - Front (Flanged)	43	517-0067	1	*Plug, Core Hole
	101-0432	1	*Standard	44	110-0893	2	Washer, Intake Valve Spring Retainer - Optional
	101-0432-02	1	.002" Undersize	45			Kit, Gasket
	101-0432-10	1	.010" Undersize		168-0140	1	Gasket Kit, Valve Grind/Carbon Removal (Standard Head Gaskets)
	101-0432-20	1	.020" Undersize		168-0183	1	Gasket Kit, Valve Grind/Carbon Removal (Graphoil Head Gaskets)
	101-0432-30	1	.030" Undersize		168-0153	1	Gasket Kit, Complete (Standard Head Gaskets)
16			Guide Valve		168-0182	1	Gasket Kit, Complete (Graphoil Head Gaskets)
			Engines w/o Intake Valve Seals				
	110-1807	2	Intake				
	110-1807	2	Exhaust				
			Engines with Intake Valve Seals				
	110-1807	2	*Exhaust				
	110-3161	2	*Intake				
17	110-0068	2	*Gasket, Intake Valve Guide				

* - Parts Included in the Cylinder Block.

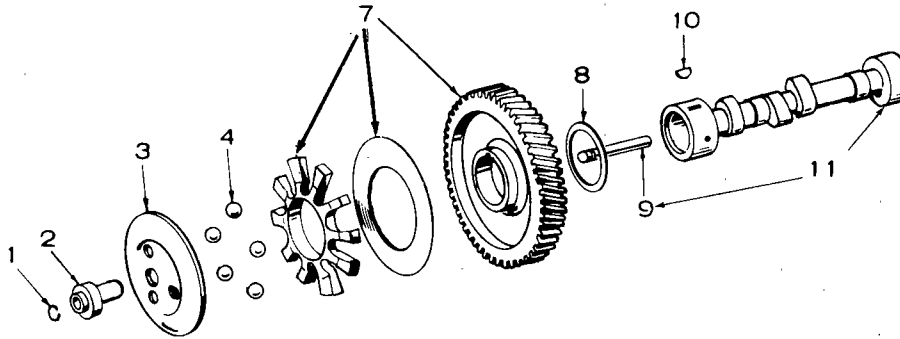
Piston and Rod



CT-1055

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Piston and Pin (Includes Retaining Rings)	5			Rod, Connecting (Includes Bolt and Nut)
	112-0186	2	Standard		114-0300	2	Standard
	112-0186-05	2	.005" Oversize		114-0300-10	2	.010" Undersize
	112-0186-10	2	.010" Oversize		114-0300-20	2	.020" Undersize
	112-0186-20	2	.020" Oversize		114-0300-30	2	.030" Undersize
	112-0186-30	2	.030" Oversize	6	114-0240	4	Bolt, Connecting Rod (Special)
	112-0186-40	2	.040" Oversize	7	870-0302	4	Nut, Hex - Crown Lock (5/16-24)
2	112-0229	2	Pin, Piston				
3	518-0311	4	Ring, Retaining				
4			Ring Set, Piston				
	113-0189	2	Standard				
	113-0189-05	2	.005" Oversize				
	113-0189-10	2	.010" Oversize				
	113-0189-20	2	.020" Oversize				
	113-0189-30	2	.030" Oversize				
	113-0189-40	2	.040" Oversize				

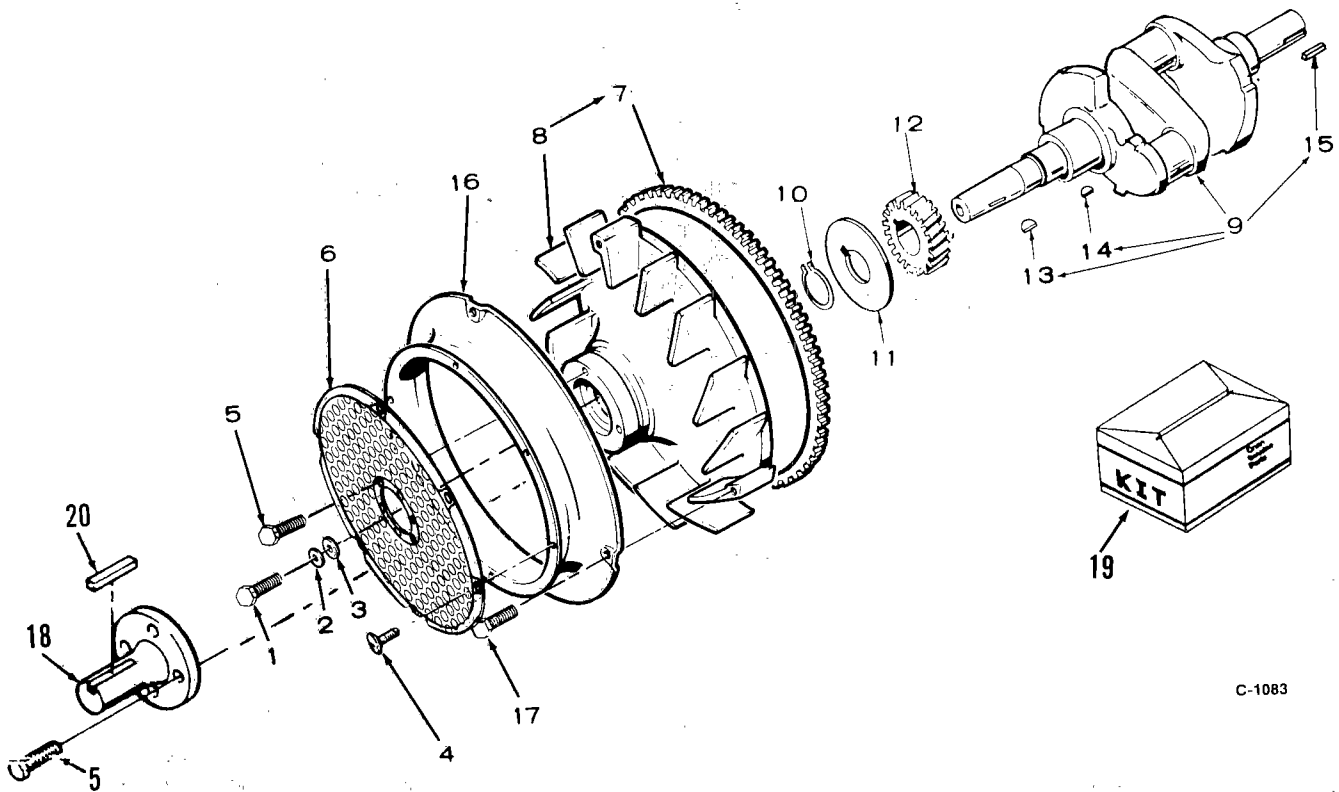
Camshaft



C-1084

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	150-0078	1	Ring, Retaining	7	105-0332	1	Gear, Camshaft (Includes Spacer & Plate)
2	150-1519	1	Hub, Governor Cup	8	105-0541	1	Washer, Thrust - Special
3	150-1520	1	Cup, Governor	9	150-0075	1	Pin, Center
4			Ball, Governor	10	515-0001	1	Key, Woodruff - Camshaft Gear
	510-0015	5	5-Ball Governor	11	105-0402	1	Camshaft (Includes Center Pin)
	510-0015	6	6-Ball Governor				

Crankshaft and Flywheel

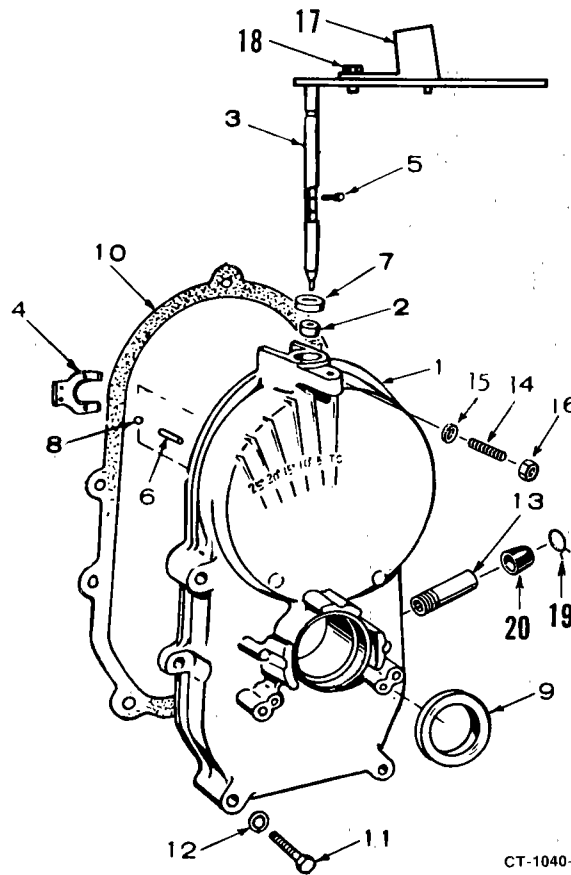


C-1083

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	104-0170	1	Screw, Cap - Hex Head - Special	10	518-0014	1	Ring, Retaining
2	850-0055	1	Washer, Lock - Spring (7/16")	11	104-0043	1	Washer, Gear Retaining - Special
3	526-0017	1	Washer, Flat (15/32" ID x 1-1/4" OD x 1/4" Thk)	12	104-0032	1	Gear, Crankshaft
4	815-0519	6	Screw, Tapping - Hex Washer Head (#10-32 x 1/2")	13	515-0227	1	*Key, Flywheel
5	821-0014	4	Screw, Cap - Hex Head Locking (5/16-18 x 1/2")	14	515-0001	1	*Key, Crankshaft Gear
6	134-4120	1	Guard, Flywheel	15	515-0103	1	*key, Crankshaft Stub
7	104-0779	1	Gear, Ring	16	134-3847	1	Venturi, Blower Wheel
8	134-3806	1	Flywheel (Includes Ring Gear) Engines without Flywheel Alternator	17	821-0010	5	Screw, Cap - Hex Washer Head (1/4-20 x 1/2")
			Engines with Flywheel Alternator	18	190-0546	1	PTO Shaft (2" Pilot) 1-7/16" Diameter
					190-0687	1	1" Diameter
	134-3938	1	Without Imbalance Weight	19	190-0577	1	Kit, Shaft
	134-3912	1	With Imbalance Weight (Identify by 3/4" Drilled Holes on Backside of Flywheel)		541-0222	1	Front PTO, 1-7/16" Diameter
9			Crankshaft (Includes Parts Marked *)		515-0007	1	PTO, 1" Diameter
	104-1548	1	1-1/4" Stub				Key, Machine (1/4 x 2")
	104-1331	1	1-1/8" Tapered Stub				
	104-1441	1	With 1.437 Stub				

* - Parts Included in Crankshaft Kit.

Gearcase

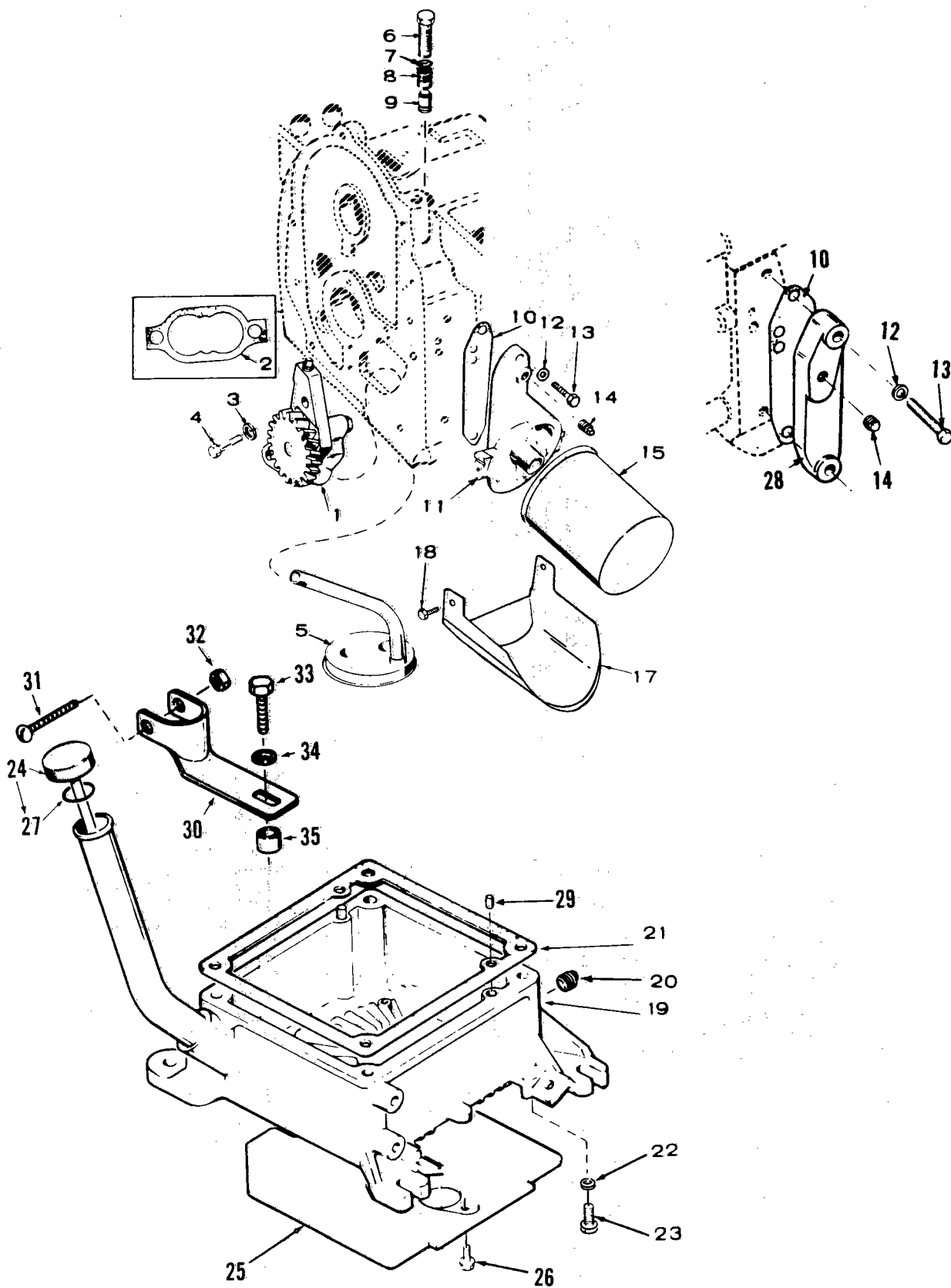


CT-1040-1

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	103-0738	1	Gearcase Assembly (Kit) (Includes Parts Marked *)	12	526-0065	5	Washer, Flat - Copper (21/64" ID x 9/16" OD x 1/16" Thk)
2	510-0105	1	*Bearing, Governor Shaft	13	149-1299	1	*Tube, Vacuum Port
3	150-1470	1	*Shaft and Arm, Governor	14	520-0933	1	Stud, Gear Cover
4	150-1187	1	*Yoke, Governor Shaft	15	526-0065	1	Washer, Flat - Gear Cover (21/64 ID x 9/16 OD x 1/16" Thk)
5	815-0046	2	*Screw, Machine - Pan Head (#8-32 x 3/8")	16	862-0015	1	Nut, Hex (5/16-18)
6	516-0130	1	*Pin, Dowel - Governor Cup Stop	17	150-2090	1	Bracket, Dashpot - Gov. Arm - Begin Spec D
7	509-0008	1	*Seal, Oil - Governor Shaft	18	815-0194	2	Screw, Hex Head - W/ET (10-32 x 3/8")
8	510-0014	1	*Ball, Bearing - Governor Shaft	19	503-0301	1	*Clamp, Vacuum Port Cap
9	509-0040	1	*Seal, Oil - Governor Shaft	20	149-1321	1	*Cap, Vacuum Port
10	103-0408	1	Gasket, Gearcase Mounting				
11			Screw, Cap - Hex Head 5/16-18 x 1-3/4"				
	800-0032	4	2-3/4" Long (Special)				
	800-0545	1					

* - Parts Included in 103-0701 Gearcase.

Oil System



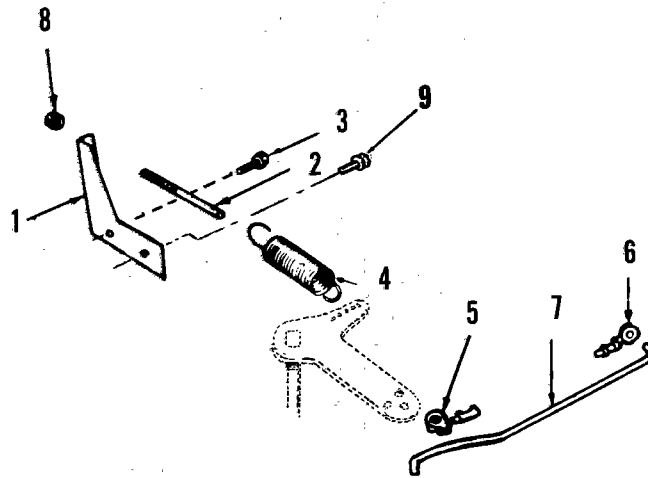
LS-1080-1

Oil System

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	120-0491	1	Pump, Oil (Components Not Sold Separately)	19	102-1220	1	Base, Oil (Includes Parts Marked +)
2	120-0161	1	Gasket Kit, Oil Pump	20	505-0056	1	+Plug, Pipe - Oil Drain (1/2")
3	850-0040	2	Washer, Lock Spring (1/4")	21	102-1200	1	Gasket, Oil Base
4	800-0007	2	Screw, Cap - Hex Head (1/4-20 x 1")	22	850-0050	4	Washer, Lock - Spring (3/8")
5	120-0713	1	Cup, Intake - Oil Pump	23	800-0056	4	Screw, Cap - Hex Head Spec B (3/8-16 x 2-1/2")
6	801-0049	1	Screw, Cap - Hex Head (3/8-24 x 7/8")		800-0061	4	Begin Spec C (3/8-16 x 3-3/4")
7	526-0066	1	Washer, Flat - Copper (25/64" ID x 9/16" OD x 1/16" Thk)	24	123-1402	1	Cap and Indicator, Oil Fill
8	120-0140	1	Spring, Bypass Valve	25	134-3864	1	Baffle, Oil Base Air
9	120-0398	1	Plunger, Bypass Valve	26	815-0340	2	Screw, Tapping - Hex Washer Head (#10-32 x 3/8")
10	122-0321	1	Gasket, Oil Filter Adapter Use with Adapter 122-0320	27	509-0142	1	O-Ring, Oil Fill Cap
	122-0375	1	Use with Cover 122-0438	28	122-0438	1	Cover, Oil Filter Pad - Optional
11	122-0320	1	Adapter, Mounted Oil Filter	29	516-0212	2	+Pin, Dowel - Begin Spec C
12	526-0065	2	Washer, Flat - Copper (21/64" ID x 9/16" OD x 1/16" Thk)	30	123-1612	1	Bracket, Fill Tube - Begin Spec C
13	800-0028	2	Screw, Cap - Hex Head (5/16-18 x 1")	31	815-0576	1	Screw, Round Head (#10 x 1-1/4") Begin Spec C
14	505-0057	1	Plug, Pipe	32	870-0120	1	Nut, Speed (#10) Begin Spec C
15	122-0645	1	Filter, Oil Without Hex Nut	33	800-0034	1	Screw, Cap - Hex Head (5/16-18 x 2-1/4") Begin Spec C
	122-0406	1	With Hex Nut (Optional)	34	850-0045	1	Washer, Lock (5/16") - Begin Spec C
17	122-0360	1	Drain, Oil Filter	35	123-1611	1	Spacer, Fill Tube Bracket - Begin Spec C
18	815-0194	2	Screw, Cap - Hex Head w/ET (#10-32 x 3/8")				

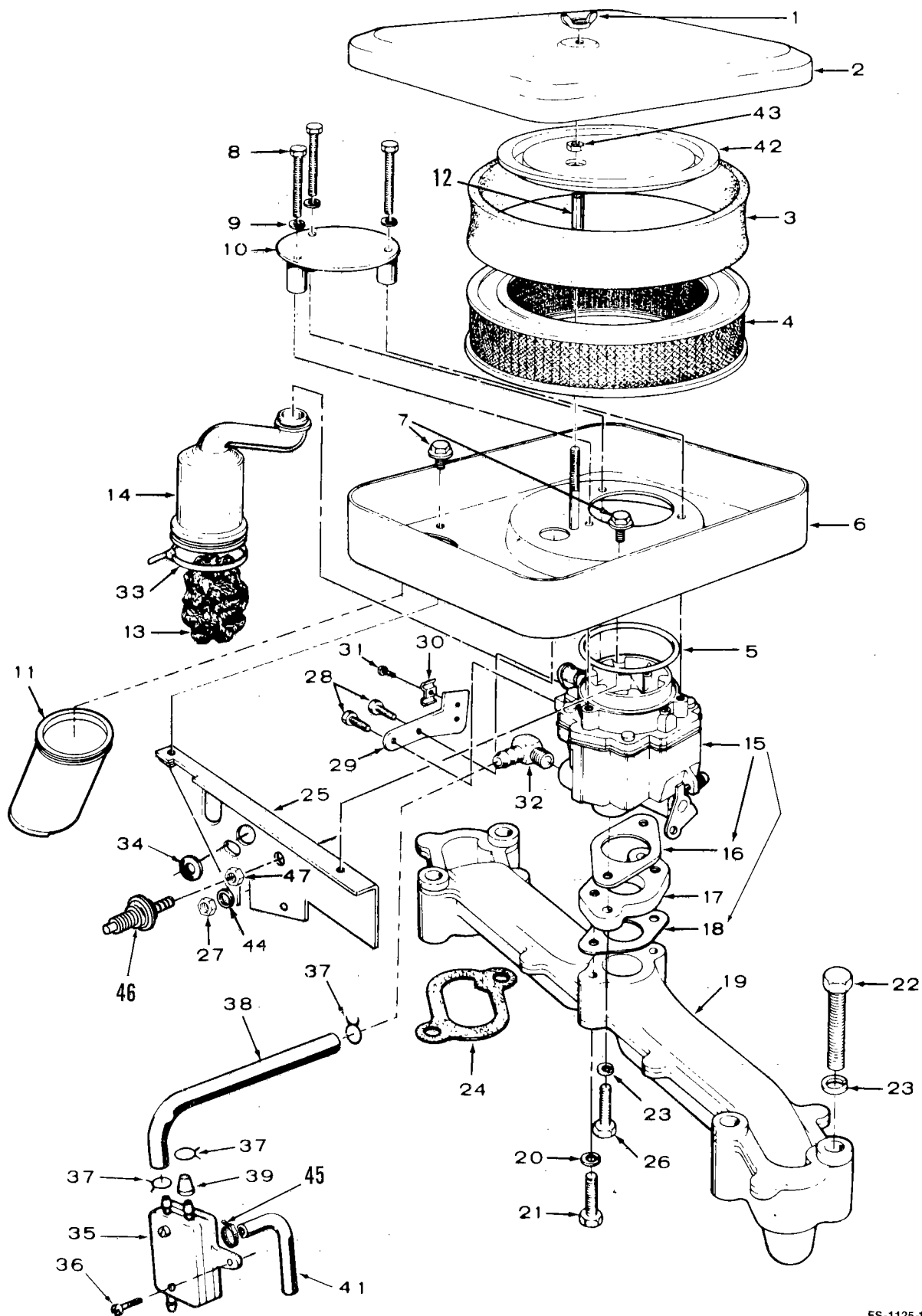
+ - Parts Included in 102-1220 Oil Base.

Governor



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	150-1433	1	Bracket, Governor Control	6	518-0004	1	Clip, Retaining - Control Rod
2	150-0694	1	Stud, Adjusting	7	150-1924	1	Rod, Control
3	821-0010	1	Screw, Cap - Hex Head Locking (1/4-20 x 1/2")	8	870-0131	1	Nut, Hex - Governor Adjusting (WET 10-32)
4	150-1214	1	Spring, Governor	9	815-0436	1	Screw, Cap - Hex Washer Head (1/4-20 x 1/2")
5	518-0406	1	Clip, Retaining - Control Rod				

Fuel System



FS-1125-1

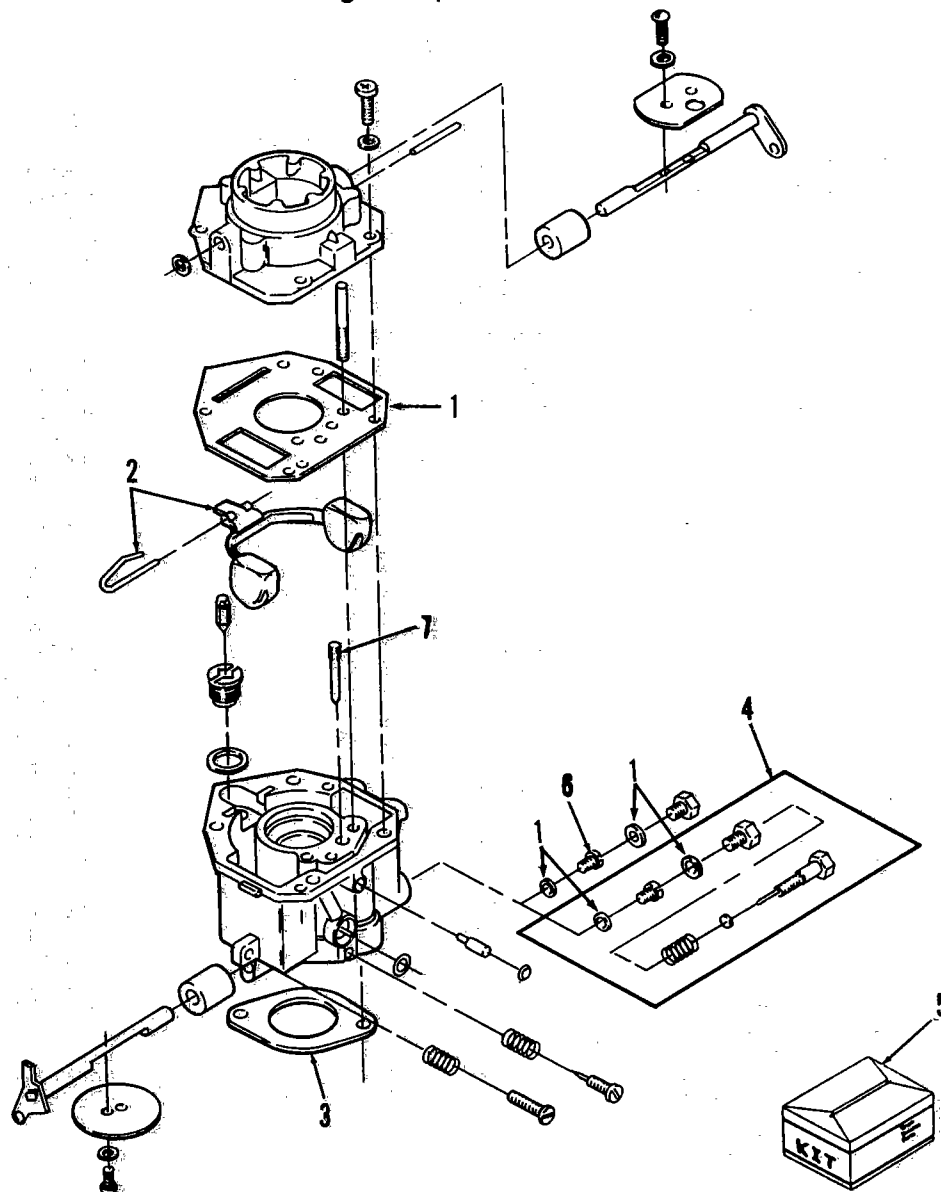
Fuel System

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	865-0020	1	Nut, Wing (1/4-20)	25		1	Support, Air Cleaner
2	140-1663	1	Cover, Air Cleaner		140-1827	1	Spec B
3	140-1496	1	Wrapper, Air Cleaner Element		140-1961	1	*Begin Spec B
4	140-1228	1	Element, Air Cleaner (Paper)	26	800-0028	2	Screw, Cap - Hex Head (5/16-18 x 1")
5	509-0145	1	Seal, O-Ring				Nut, Hex
6	140-1885	1	*Housing, Air Cleaner	27		1	Hex, Washer Head (5/16-18) - Spec B
7			Screw, Hex Washer Head		870-0048	1	*Flanged, Self-Lock (5/16-18) - Begin Spec C
	815-0389	2	Tapping (1/4-20 x 3/8") - Spec B		870-0399	1	
	815-0575	2	*Thread-forming (1/4-20 x 3/8") - Begin Spec C	28	821-0004	2	Screw, Cap - Hex Washer Head (#10-32 x 5/16")
8	815-0470	3	Screw, Machine - Hex Head (#10-32 x 1-1/2")	29	153-0515	1	Bracket, Choke Cable
9	526-0234	3	Washer, Flat (7/32 ID x 17/32 OD x .105" Thk)	30	153-0514	2	Clip, Choke Cable
10	145-0521	1	Plate, Air Deflector	31	815-0359	1	Screw, Tapping - Slotted Hex Washer Head (#10-32 x 7/8")
11	140-1661	1	Tube, Air Intake	32	502-0313	1	Elbow, Hose
12	301-0458	1	Spacer, Air Cleaner Stud (1/8 x 1")	33	332-0941	1	Tie, Breather Tube
13	123-1417	1	Filter, Breather Tube	34	508-0021	1	Grommet, Rubber (3/4" Hole)
14	123-1429	1	Tube, Crankcase Breather	35	149-1982	1	Pump, Fuel (Includes Parts Marked *) (See Separate Group for Components)
15			Carburetor, Complete (Includes Mounting Gasket) (See Separate Group for Components)	36	815-0555	2	Screw, Tapping - Pan Head (#10-24 x 5/8")
	146-0381	1	Spec B, C	37	503-0301	3	*Clamp, Hose (7/16")
	146-0387	1	Begin Spec D - w/o Semi-Automatic Choke	38	503-1199	1	*Hose, Fuel (13")
	146-0429	1	Begin Spec D - With Semi-Automatic Choke	39	149-1321	1	*Cap, Fuel Outlet
16	154-0733	1	Gasket, Carburetor to Adapter	41	503-0663	1	Hose, Fuel Pump Vacuum
17	154-1977	1	Adapter, Carburetor	42	140-1692	1	Cover, Element - Optional
18	145-0438	1	Gasket, Adapter to Manifold	43	870-0365	1	Nut, Hex (1/4-20) - Self Lock
19	154-2206	1	Manifold, Intake	44	526-0041	1	*Washer, Flat (21/64 ID x 1 OD x 1/16" Thk)
20	850-0040	2	Washer, Lock - Spring (1/4")		140-1942	1	Kit, Housing - Air Cleaner (Includes Parts Marked *)
21	800-0023	2	Screw, Cap - Hex Head (1/4-20 x 1-3/8")	45	503-0731	1	Clamp, Wire (1/2")
22			Screw, Cap - Hex Head (5/16-18 x 2")	46	150-2091	1	Dashpot - Begin Spec D
	800-0033	3	5/16-18 x 2"	47	868-0002	1	Nut, Hex - Jam (5/16-24)
	800-0034	1	5/16-18 x 2-1/4"				
23	850-0045	6	Washer, Lock - Spring (5/16")				
24	154-1744	2	Gasket, Manifold to Block				

* - Parts Included in 149-1982 Fuel Pump Kit.

* - Parts Included in 140-1942 Housing Kit.

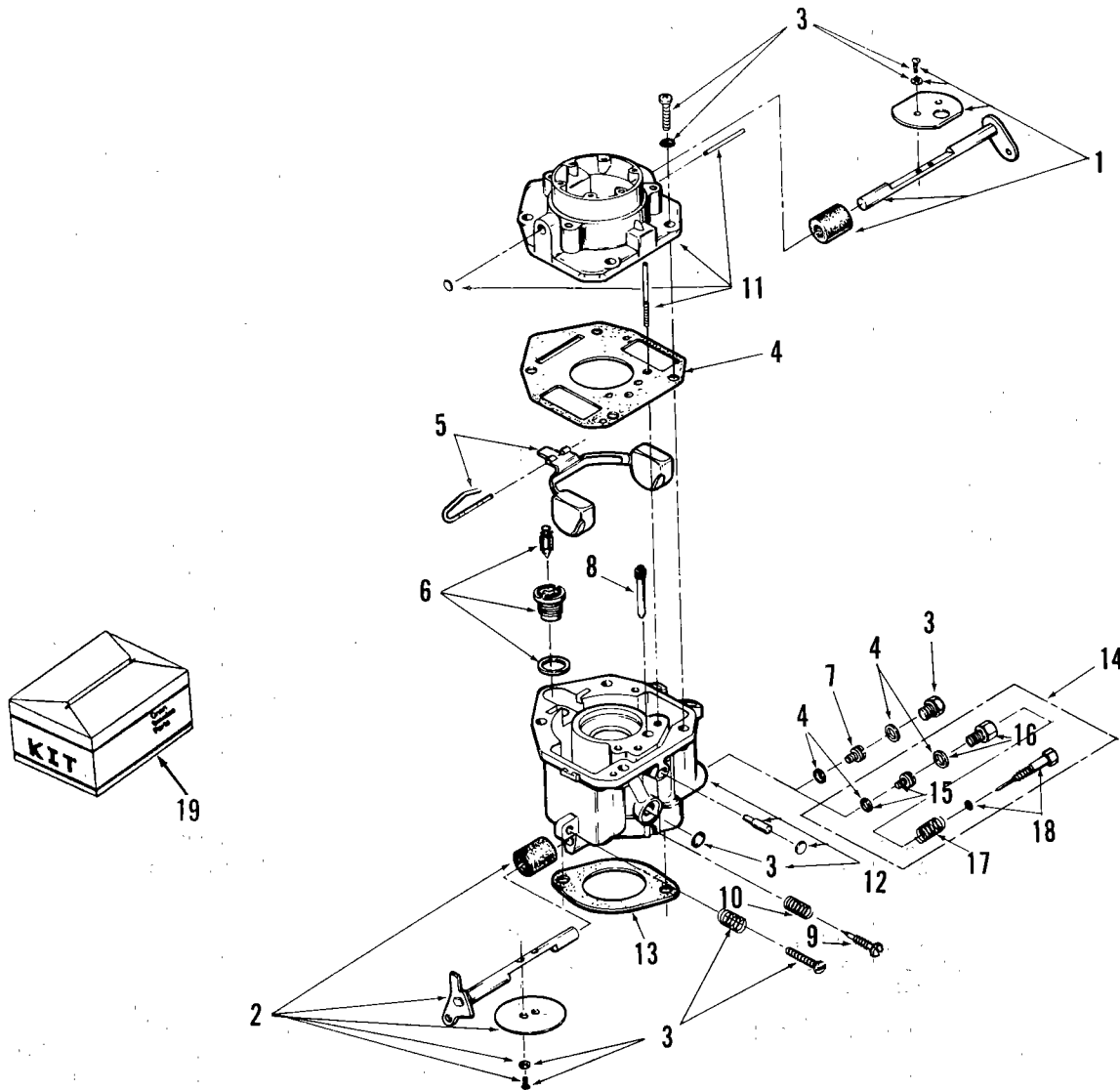
Carburetor Components Begin Spec D



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	146-0429	1	Carburetor, Complete (Includes Mounting Gasket) With Semi-Automatic Choke	4	146-0327	1	Variable Jet Kit - Optional (High Altitude Application)
1	146-0438	1	+Gasket Package - With Semi-Automatic Choke	5	146-0432	1	Kit, Repair - With Semi-Automatic Choke (Includes Parts Marked +)
2	146-0437	1	Float Package - With Semi-Automatic Choke	6	146-0334	1	Jet, Power
3	154-0733	2	Gasket, Carburetor Mounting	7	146-0425	1	Jet, Idle

+ - Parts Included in 146-0432 Repair Kit.

Carburetor Components (Spec B, C, D)



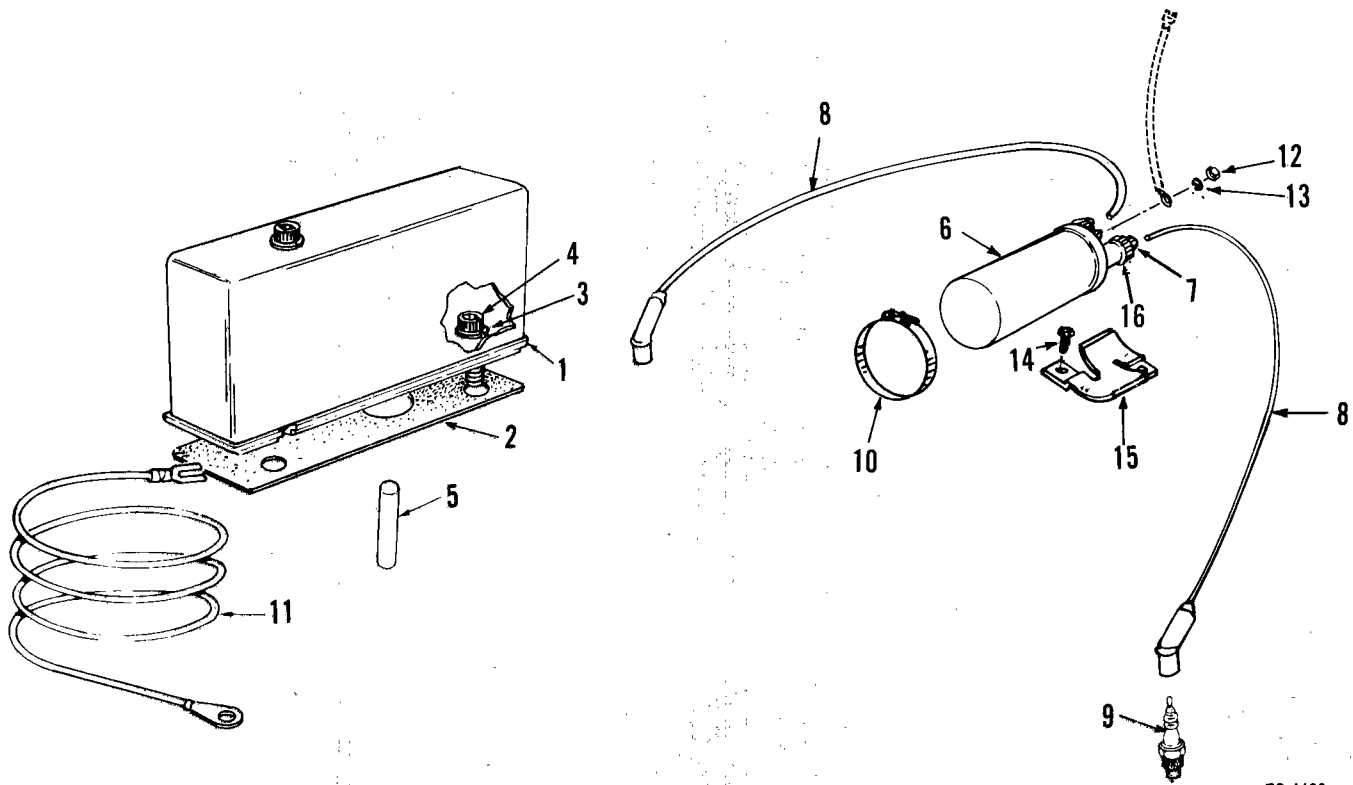
FS-1440

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Carburetor, Complete (Includes Mounting Gasket)	9	146-0335	1	Needle, Idle Adjusting
	146-0381	1	Spec B, C	10	146-0331	1	*Spring, Idle Adjusting Needle
	146-0387	1	Begin Spec D	11		1	Intake, Air (Not Sold Separately)
1	146-0377	1	Choke, Shaft Kit	12		1	Body (Not Sold Separately)
2			Throttle Shaft Kit	13	154-0733	2	*Gasket, Carburetor Mounting
	146-0393	1	Spec B, C	14	146-0327	1	Variable Jet Kit - Optional (High Altitude Application) (Includes Parts Marked +)
3	146-0322	1	*Screw and Plug Kit	15	146-0343	1	+Power Jet, Variable (Includes Gasket)
4	146-0326	1	*Gasket Kit	16	146-0340	1	+Retainer, Power Needle (Includes Gasket)
5	146-0325	1	Float Kit	17	146-0341	1	+Spring, Power Needle
6	146-0329	1	*Valve and Seat Kit	18	146-0342	1	+Needle Complete, Power
7			Jet, Power	19	146-0356	1	Kit, Repair (Includes Parts Marked *)
	146-0347	1	Begin Spec B, C				
	146-0394	1	Begin Spec D				
8	146-0337	1	Jet, Idle				

* - Parts Included in 146-0356 Repair Kit.

+ - Parts Included in 146-0327 Variable Jet Kit.

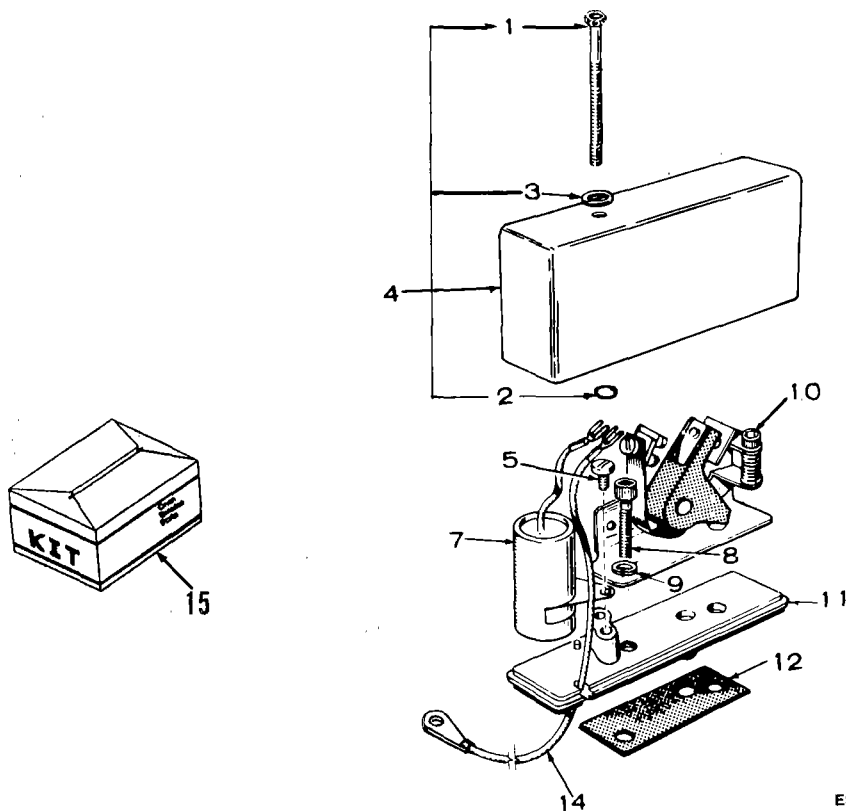
Ignition System



ES-1180

REF. NO.	PART NO.	QTY USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY USED	PART DESCRIPTION
1	160-1303	1	Box, Breaker (See Separate Group for Components) (Includes Mounting Gasket)	9	167-0291	2	Plug, Spark Spec B, C
2	160-1150	1	Gasket, Breaker Box Mounting		167-0263	2	Begin Spec D
3	850-0038	2	Washer, Lock - Spring (1/4")	10	503-0311	1	Clamp, Coil
4	802-0034	2	Screw, Socket Head (1/4-20 x 3/4")	11	336-2378	1	Lead, Breaker Box to Coil
5	160-1151	1	Plunger, Breaker Points	12	166-0554	2	Nut, Hex (Special)
6	166-0772	1	Coil, Ignition	13	850-2005	2	Washer, Lock-Spring (Metric)
7	166-0604	2	Cap, Coil Terminal (Part of Coil)	14	815-0389	2	Screw, Tapping - Hex Washer Head (1/4-20 x 1/2")
8			Cable, Spark Plug	15	166-0741	1	Bracket, Ignition Coil
	167-1595	1	27" (Left)	16	166-0614	2	Bushing, Rubber (Inside Cap 166-0604)
	167-1602	1	15" (Right)				

Breaker Box



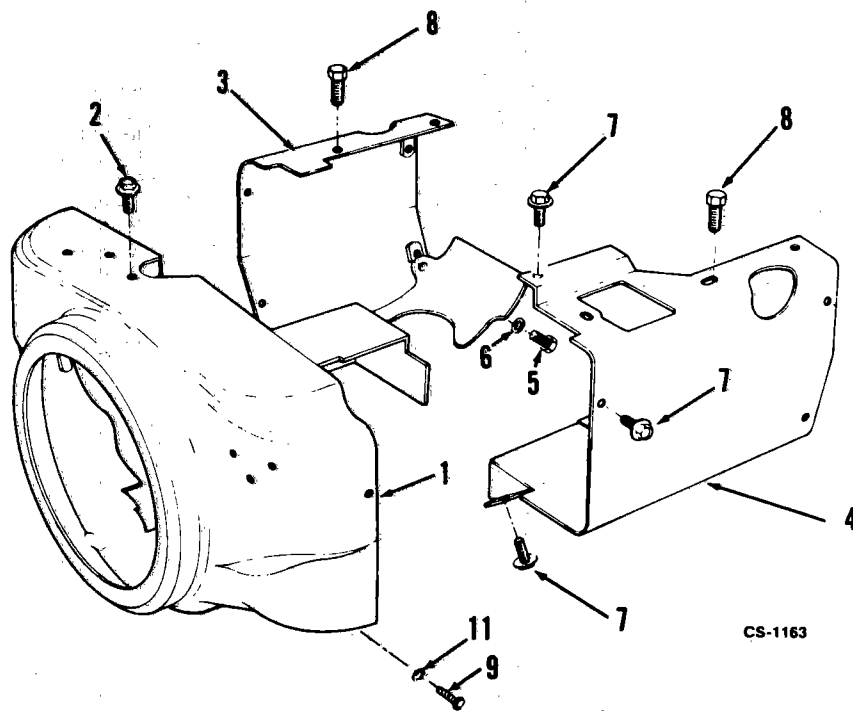
ES-1217

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	160-1303	1	Breaker Box (Includes Parts Marked *)	8	802-0034	2	*Screw, Cap - Socket Head (1/4-20 x 3/4")
1	802-0022	1	*Screw, Cap - Hex Socket (#10-24 x 1-1/2")	9	850-0040	2	*Washer, Lock (1/4")
2	509-0065	1	*Retainer ("O" Ring)	10	160-1183	1	*Point Set, Breaker
3	526-0008	1	*Washer, Flat (13/64 ID x 7/16 OD x 1/32" Thk)	11	160-1219	1	*Base, Breaker
4	160-1285	1	*Cover, Breaker Box	12	160-1150	1	*Gasket, Breaker Box
5	815-0358	1	*Screw, Cap - Slotted (#8-32 x 5/16")	14	336-2378	1	Lead, Breaker Box to Coil
7	312-0246	1	*Condenser	15	160-1311	1	Tune Up Kit (Includes Points and Condenser)

* - Parts Included in 160-1303 Breaker Box.

CS-1005

CS-1005

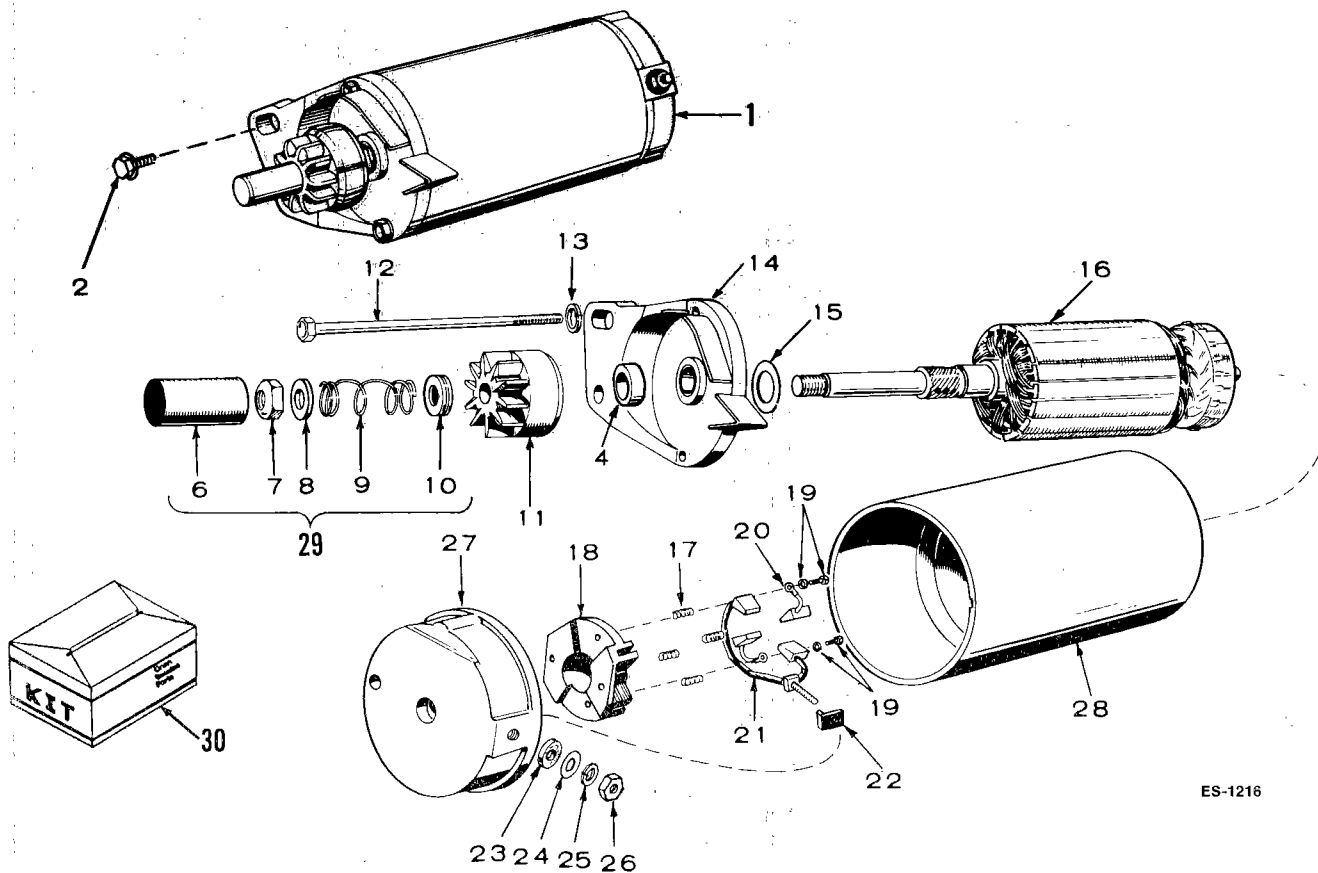


CS-1163

Air Housing

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	134-4288	1	Housing, Blower	5	815-0290	2	Screw, Tapping - Hex Washer Head (1/4-20 x 5/8")
	134-4257	1	Engines with Mounted Oil Filter	6	526-0021	2	Washer, Flat (17/64" ID x 3/4" OD x 1/16" Thk)
	134-4285	1	With Standard Air Cleaner - Without Oil Filter	7	821-0008	5	Screw, Cap - Hex Washer Head (1/4-20 x 1/4")
2	815-0261	1	With Remote Air Cleaner - With Oil Filter	8	821-0016	2	Screw, Cap - Hex Washer Head (5/16-18 x 3/4")
3		1	Screw, Tapping - Hex Washer Head (1/4-20 x 7/16")	9	815-0290	2	Screw, Tapping - Hex Washer Head (1/4-20 x 5/8")
		1	Housing, Cylinder Air - Left Side	11	526-0018	2	Washer, Flat (17/64" ID x 5/8" OD x 1/16" Thk)
	134-3862	1	For Models Without Overheat Switch, Without Weld Nuts				
	134-4265	1	For Models With Overheat Switch - With Weld Nuts - 7.33" Long				
4		1	Housing, Cylinder Air - Right Side				
		1	Engines With Mounted Oil Filter				
	134-4270	1	Use Without Top Mounted Voltage Regulator - with Weld Nuts				
	134-4272	1	Use With Top Mounted Voltage Regulator - 15 Ampere With Weld Nuts				
	134-4276	1	Use With Top Mounted Voltage Regulator - 20 Ampere Without Weld Nuts				
	134-4280	1	Use With Remote Oil Filter - With Top Mounted Voltage Regulator - With Weld Nuts				
	134-3518	1	Engines Without Oil Filter Use Without Top Mounted Voltage Regulator - Without Weld Nuts				
	134-4297	1	Use With Top Mounted Voltage Regulator - 15 Ampere With Weld Nuts				
	134-4340	1	Use Without Top Mounted Voltage Regulator - With Weld Nuts				
	134-4476	1	Use With Top Mounted Voltage Regulator - 15 Ampere Without Weld Nuts				
	134-4512	1	Use Without Top Mounted Voltage Regulator - Without Weld Nuts				

Starter Components - Spec B

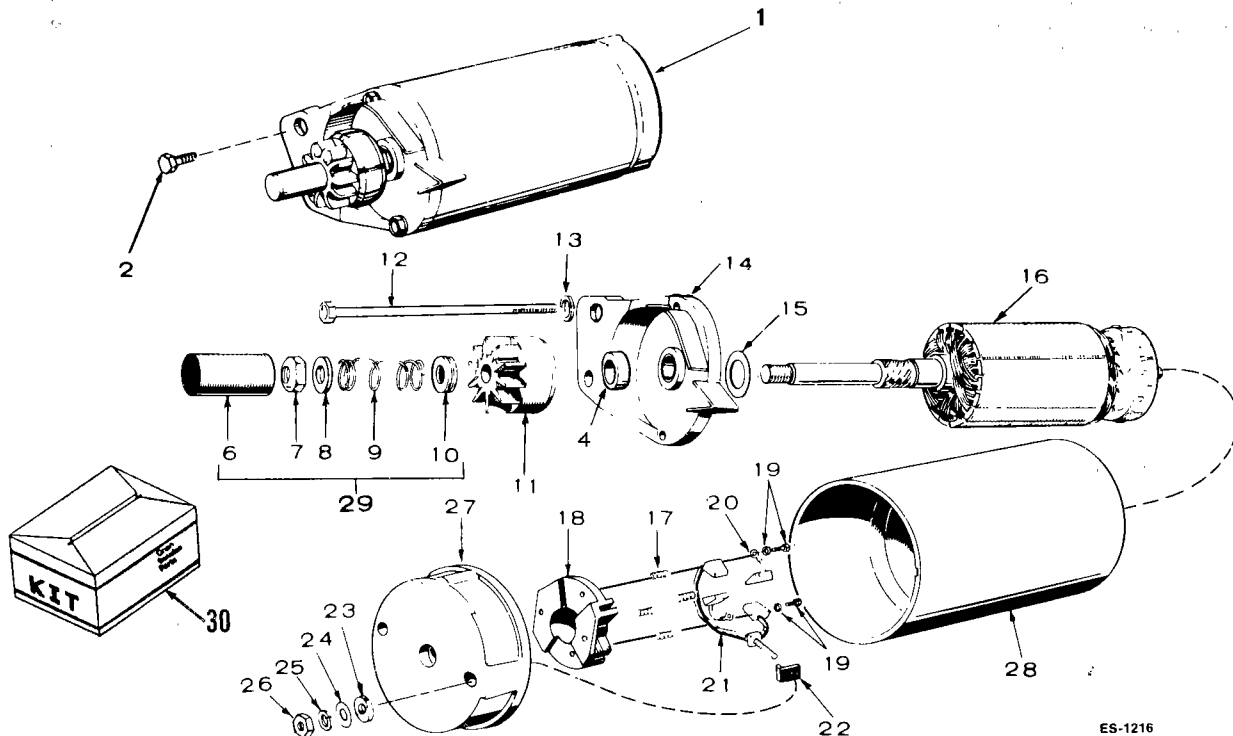


ES-1216

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	191-1255	1	Motor, Starter (Complete)	21	§	1	†*Stud and Brush, Input
	191-1527	1	W/O Drive End Dust Cap	22	§	1	†Bushing, Insulation - Input Stud
2	815-0570	2	Screw, Cap - Hex Washer Head (5/16"-18 x 1")	23	§	1	†Washer, Insulation - Input Stud
4	191-1534	1	Cap, Dust - Drive End	24	§	1	†Washer, Flat - Input Stud
6	§	1	#Cover, Dust	25	§	1	†Washer, Lock - Input Stud
7	§	1	#Nut, Stop	26	§	1	†Nut, Securing - Input Stud
8	§	1	#Washer, Stop Nut	27	191-1040	1	Cap, Commutator (Includes Parts Marked †)
9	§	1	#Spring, Anti-drift	28	§	1	Housing, Starter Motor
10	§	1	#Spacer, Dust Cover	29	191-1359	1	Dust Cover (Includes Parts Marked #)
11	191-1036	1	Drive	30	191-1041	1	Repair Kit, Brush, Spring and Stud (Includes Parts Marked *)
12	191-1048	2	Screw, Hex Cap				
13	850-0040	2	Washer, Lock (1/4")				
14	191-1287	1	Cap, Drive End				
15	191-1038	1	Washer, Armature Thrust				
16	191-1039	1	Armature				
17	§	4	†*Spring, Brush				
18	§	1	†Brush Holder				
19	§	2	†Screw and Lockwasher				
20	§	2	†*Brush, Ground				

† - Included in the 191-1040 Cap.
 * - Included in the 191-1041 Brush, Spring, and Stud Kit.
 # - Included in the 191-1359 Dust Cover.
 § - Not Sold Separately.

Starter Components - Begin Spec C



ES-1216

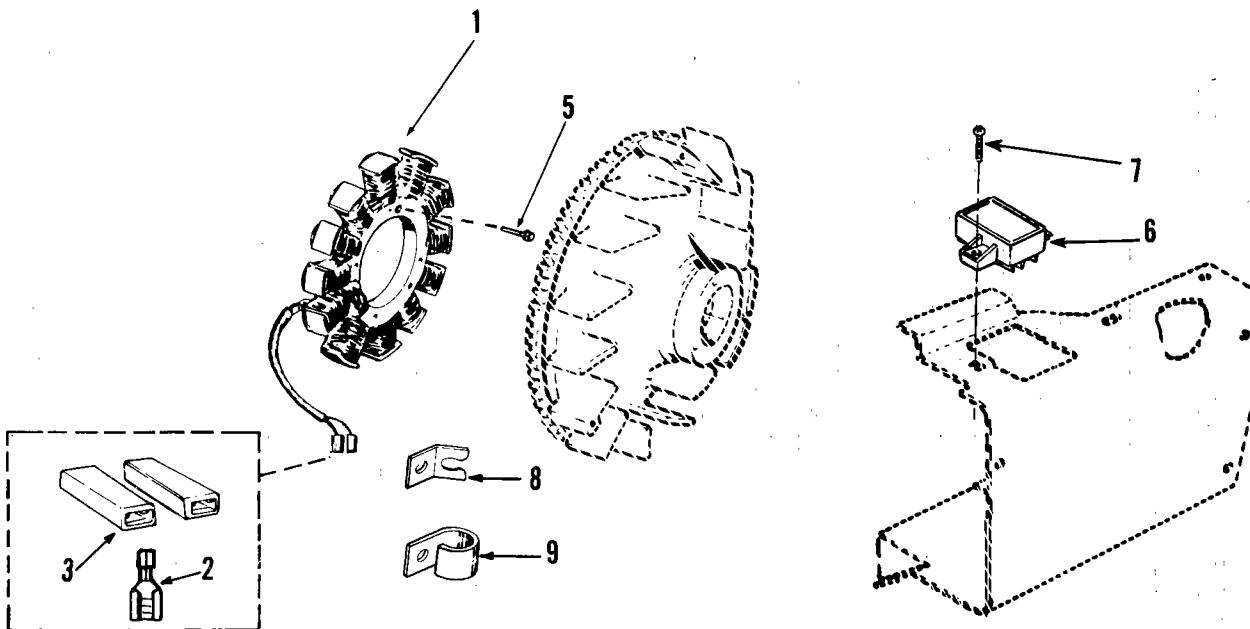
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	191-1567	1	Motor, Starter (Complete)	22	§	1	†Bushing, Insulation - Input Stud
2	815-0570	2	Screw, Cap - Hex Washer Head (5/16"-18 x 1")	23	§	1	†Washer, Insulation - Input Stud
4	191-1534	1	Cap, Dust - Drive End	24	§	1	†Washer, Flat - Input Stud
6	§	1	#Cover, Dust	25	§	1	†Washer, Lock - Input Stud
7	§	1	#Nut, Stop	26	§	1	†Nut, Securing - Input Stud
8	§	1	#Washer, Stop Nut	27	191-1532	1	Cap, Commutator (Includes Parts Marked †)
9	§	1	#Spring, Anti-drift	28	§	1	Housing, Starter Motor
10	§	1	#Spacer, Dust Cover	29	191-1359	1	Dust Cover (Includes Parts Marked #)
11	191-1036	1	Drive	30	191-1533	1	Repair Kit, Brush, Spring and Stud (Includes Parts Marked *)
12	191-1048	2	Screw, Hex Cap - Special				
13	850-0040	2	Washer, Lock (1/4")				
14	191-1597	1	Cap, Drive End				
15	191-1038	1	Washer, Armature Thrust				
16	191-1039	1	Armature				
17	§	4	†*Spring, Brush				
18	§	1	†Brush Holder				
19	§	2	†Screw and Lockwasher				
20	§	2	†*Brush, Ground				
21	§	1	†*Stud and Brush, Input				

† - Included in the 191-1532 Cap.
 * - Included in the 191-1533 Brush, Spring, and Stud Kit.
 # - Included in the 191-1359 Dust Cover.
 § - Not Sold Separately.

OPTIONAL EQUIPMENT SECTION

This section contains illustrated parts listing of factory installed options for these industrial engines. Options may not be applicable to all models; for field conversions additional parts are usually required. Optional parts listed in this section are in addition or in place of those shown in the standard engine parts section.

Option 1
Flywheel Alternator - 20 Ampere (Phelon)

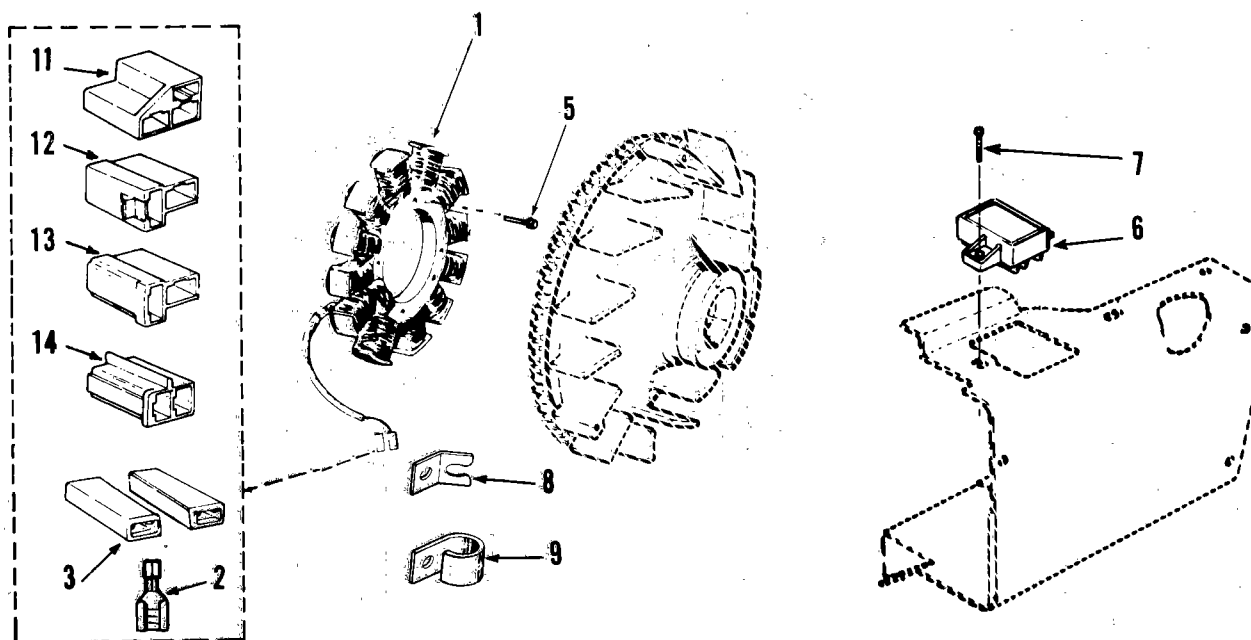


ES-1353

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	191-1276	1	Stator (Includes Terminals and Connector Bodies)	6	191-1275	1	Regulator, Voltage
2	332-2423	3	*Terminal, Stator Leads	7	821-0007	1	Screw, Cap - Hex Washer Head (1/4-20 x 1/4")
3	323-1257	2	Kit, Connector - Body and Terminal (Includes Parts Marked *)	8	167-0188	1	Clip, Cable
5	815-0470	3	Screw, Machine - Hex Head - Self-Lock (#10-32 x 1-1/2")	9	332-2319	1	Clamp, Wire - Alternator Leads

* - Parts Included in 323-1257 Alternator Connector Body Kit.

Option 2
Flywheel Alternator - 15 Ampere (Phelon)

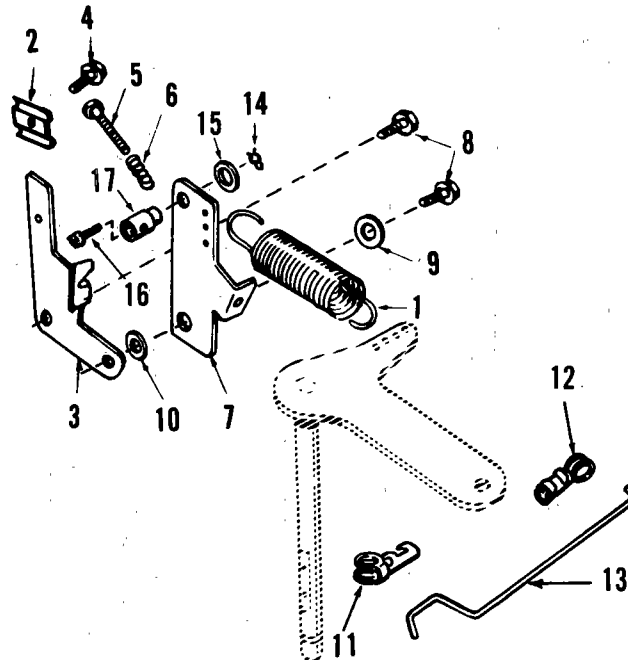


ES-1354

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	191-1256	1	Stator (Includes Terminals and Connector Bodies)	7	821-0007	1	Screw, Cap - Hex Washer Head (1/4-20 x 1/4")
2	332-2423	3	*Terminal, Stator Leads	8	167-0188	1	Clip, Cable
3	323-1257	2	Kit, Connector - Body and Terminal (Includes Parts Marked *)	9	332-2319	1	Clamp, Wire - Alternator Leads
5	815-0593	3	Screw, Machine - Hex Head - Self-Lock (#10-32 x 1-3/8")	11	323-0853	1	Body, Terminal Connector
6	191-1206	1	Regulator, Voltage	12	323-1085	1	Body, Terminal Connector
				13	323-0892	1	Body, Terminal Connector
				14	323-0890	1	Body, Terminal Connector

* - Parts Included in 323-1257 Alternator Connector Body Kit.

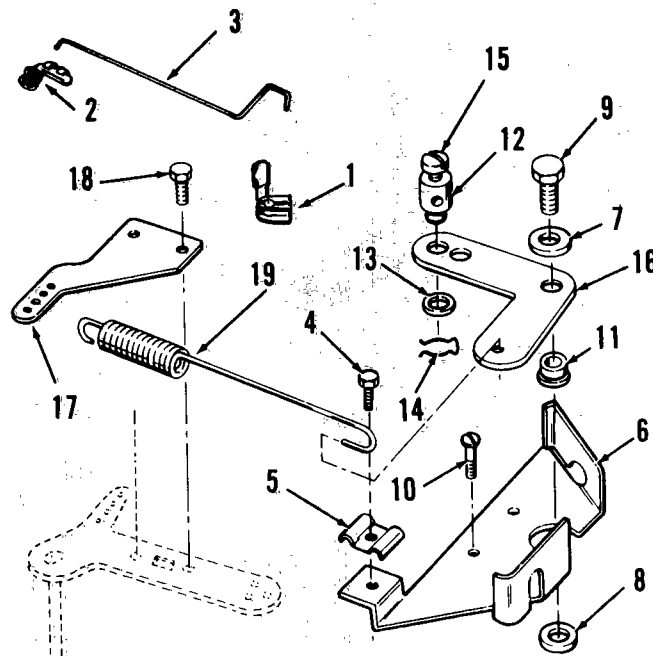
Option 3
Governor Control - Variable Speed
(Side Pull)



FS-1274

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	150-1214	1	Spring, Governor	10	150-1269	1	Bushing, Control Arm
2	153-0514	1	Clamp, Cable	11	518-0406	1	Clip, Retaining - Control Rod to Governor Shaft
3	150-1725	1	Bracket, Cable	12	518-0004	1	Clip, Retaining - Control Rod to Carburetor
4	815-0359	1	Screw, Tapping - Hex Head (#10-32 x 7/8")	13	150-1924	1	Rod, Governor Control
5	815-0510	1	Screw, Tapping - Hex Head (#6-32 x 5/8")	14	516-0059	1	Pin, Cotter
6	150-1398	1	Spring, Idle Setting	15	526-0006	1	Washer, Flat (15/64" ID x 1/2" OD x 3/64" Thk)
7	150-1345	1	Arm, Governor Control Use With Swivel	16	815-0104	1	Screw, Machine - Fillister Head (#8-32 x 5/16")
	150-1576	1	Use Without Swivel	17	152-0155	1	Swivel, Cable Holding
8	815-0436	2	Screw, Cap - Hex Washer Head (1/4-20 x 1/2")				
9	526-0021	2	Washer, Flat (17/64" ID x 3/4" OD x 1/16" Thk)				

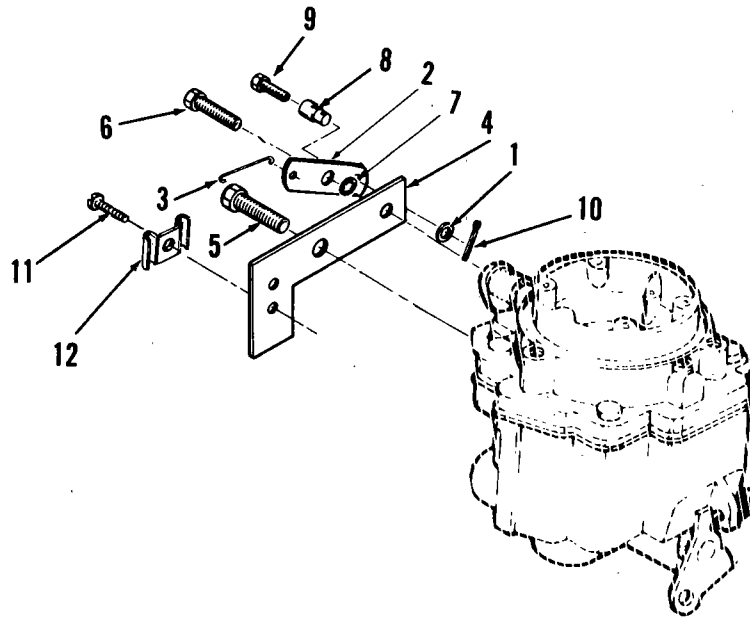
Option 4
Governor Control - Variable Speed
(Front Pull)



FS-1138

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	518-0406	1	Clip, Retaining - Control Rod to Governor Arm	10	815-0439	3	Screw, Tapping - Hex Washer Head (8-15 x 1/2")
2	518-0004	1	Clip, Retaining - Control Rod to Carburetor	11	150-1727	1	Bushing, Governor Control
3	150-1924	1	Rod, Control	12	152-0155	1	Swivel, Throttle Lever
4	815-0359	1	Screw, Tapping - Hex Head (#10-32 x 7/8")	13	526-0006	1	Washer, Flat (15/64 ID x 1/2 OD x 3/64" Thk)
5	153-0514	1	Clamp, Throttle Cable	14	516-0059	1	Pin, Cotter
6	150-1726	1	Bracket, Governor Control Mounting	15	815-0104	1	Screw, Machine - Fillister Head (#8-32 x 5/16")
7	526-0021	1	Washer, Flat (17/64 ID x 3/4 OD x 1/16" Thk)	16	150-1366	1	Link, Governor Control
8	850-0040	1	Washer, Lock - Spring (1/4")	17	150-1754	1	Adapter, Governor Arm
9	800-0007	1	Screw, Cap - Hex Head (1/4-20 x 1")	18	815-0181	2	Screw, Tapping, Hex Head w/ET (#10-32 x 1/2")
				19	150-1755	1	Spring, Governor

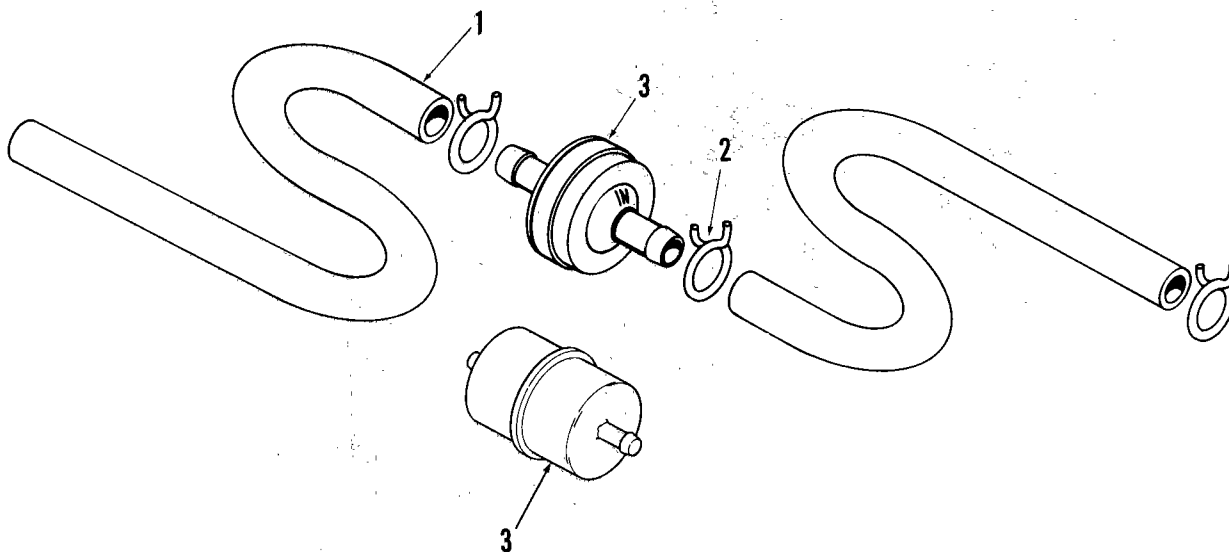
Option 5
Choke Control (Front Pull)



FS-1131R

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	526-0140	1	Washer, Flat (7/32 ID x 3/8 OD x 18 Ga. Thk)	7	854-0010	1	Washer, Lock - IT (#10)
2	153-0523	1	Lever, Choke	8	152-0155	1	Swivel, Choke Lever
3	153-0500	1	Link, Choke	9	815-0683	1	Screw, Machine - Hex Head (#8-32 x .31")
4	153-0524	1	Bracket, Choke Cable	10	516-0059	1	Pin, Cotter
5	821-0002	1	Screw, Cap - Hex Washer Head (#10-32 x 1/4")	11	815-0359	1	Screw, Tapping - Slotted Hex Washer Head (#10-32 x 7/8")
6	815-0480	1	Screw, Shoulder (#10-32 x .34")	12	153-0514	1	Clip, Choke Cable

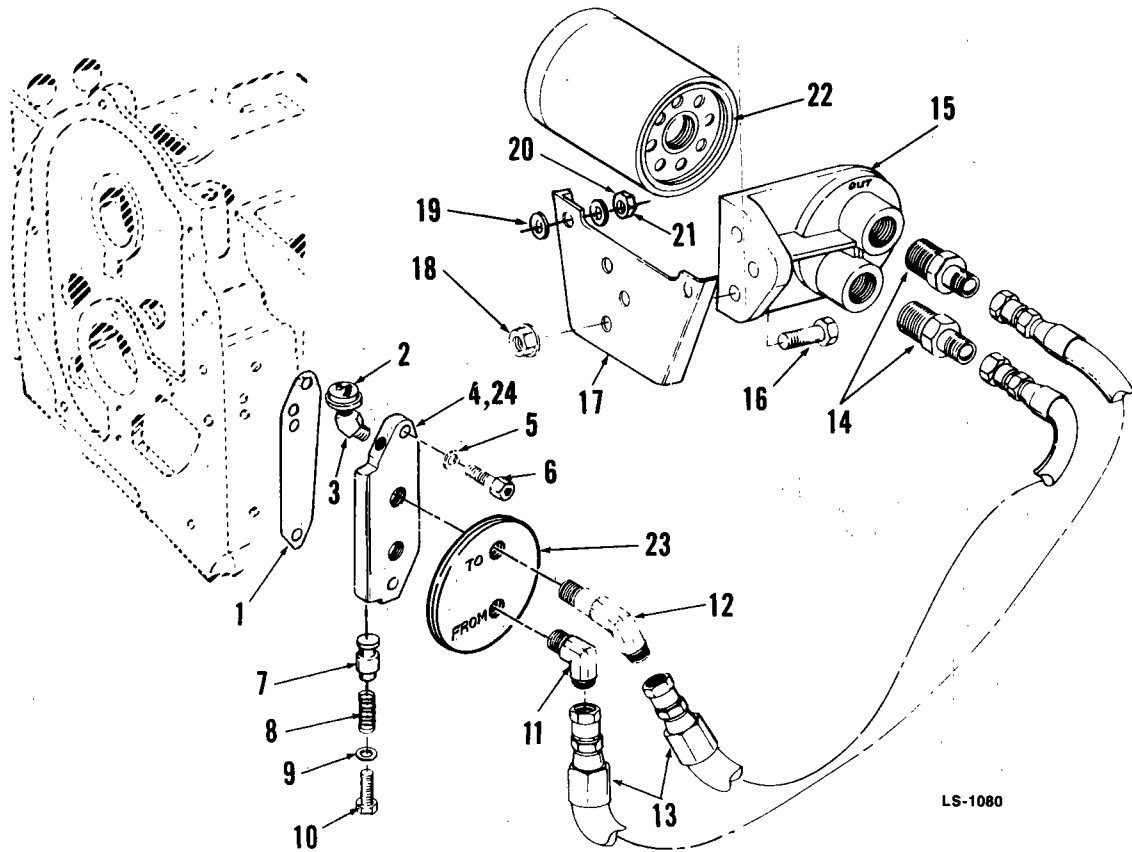
Option 6 Fuel Line Filter



FS-1522

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	503-0707	2	Hose (1/4" ID x 7/16" OD x 12" Long)	3	149-2005	1	Filter, Fuel Spec B, C
2	503-0301	3	Clamp, Hose (7/16")		149-2005	1	Begin Spec D

Option 7 Remote Oil Filter

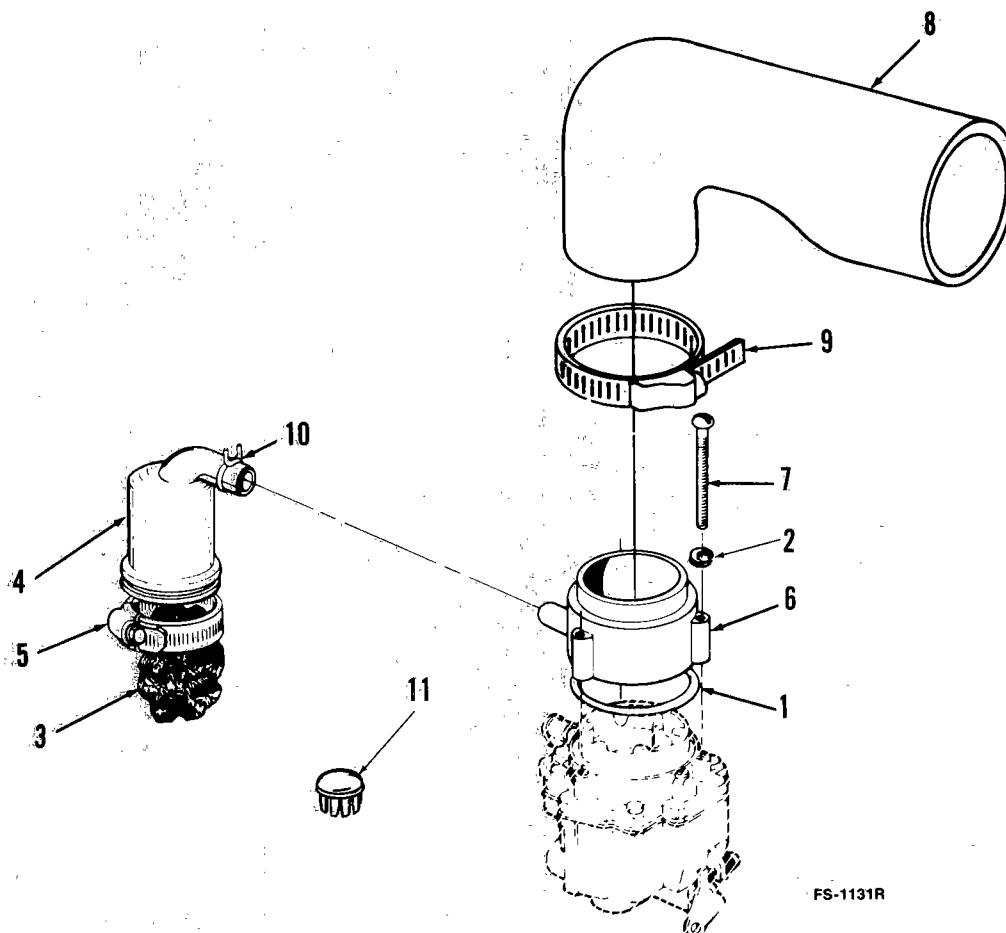


REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	122-0554	1	Kit, Adapter - Remote Oil Filter (Includes Parts Marked *)	12	502-0806	1	Elbow, Male (To Filter)
1	122-0375	1	*Gasket, Oil Filter Adapter	13	501-0440	2	Hose, Oil
2	309-0105	1	Switch, Low Oil Pressure	14	502-0804	2	Connector, Male
3	502-0053	1	Elbow, Street (45°)	15	122-0476	1	*Base, Remote Oil Filter
4	122-0369	1	+Adapter, Oil Filter	16	800-0027	3	Screw, Cap - Hex Head (5/16" - 18 x 7/8")
5	526-0065	2	*Washer, Flat - Copper (21/64" ID x 9/16" OD x 1/16" Thk)	17	122-0559	1	Bracket, Remote Oil Filter
6			Screw, Cap - Socket Head	18	870-0257	3	Nut, Self-Lock (5/16-18")
	802-0057	2	Prior to 6/86 (5/16-18 x 1-1/2")	19	526-0030	2	Washer, Flat (13/32" ID x 7/8" OD x 1/8" Thk)
	802-0056	2	Begin 6/86 (5/16-18 x 1-1/4")	20	526-0174	2	Washer, Flat (13/32" ID x 25/32" OD x .005" Thk)
7	120-0398	1	+Valve, Bypass Plunger	21	862-0003	2	Nut, Hex (5/16-18")
8	120-0140	1	+Spring, Bypass	22	122-0469	1	Filter, Oil
9	526-0066	1	*Washer, Flat (25/64 ID x 9/16 OD x 1/16" Thk)	23	508-0184	1	*Grommet, Air Seal
10	801-0047	1	+Screw, Cap - Hex Head (3/8-24" x 5/8")	24	122-0473	1	*Adapter Assembly, Remote Oil Filter (Includes Parts Marked +)
11	502-0805	1	Elbow, Male (From Filter)				

* - Parts Included in 122-0554 Remote Oil Filter Adapter Kit.

+ - Parts Included in 122-0473 Adapter.

Option 8 Remote Air Cleaner Adapter

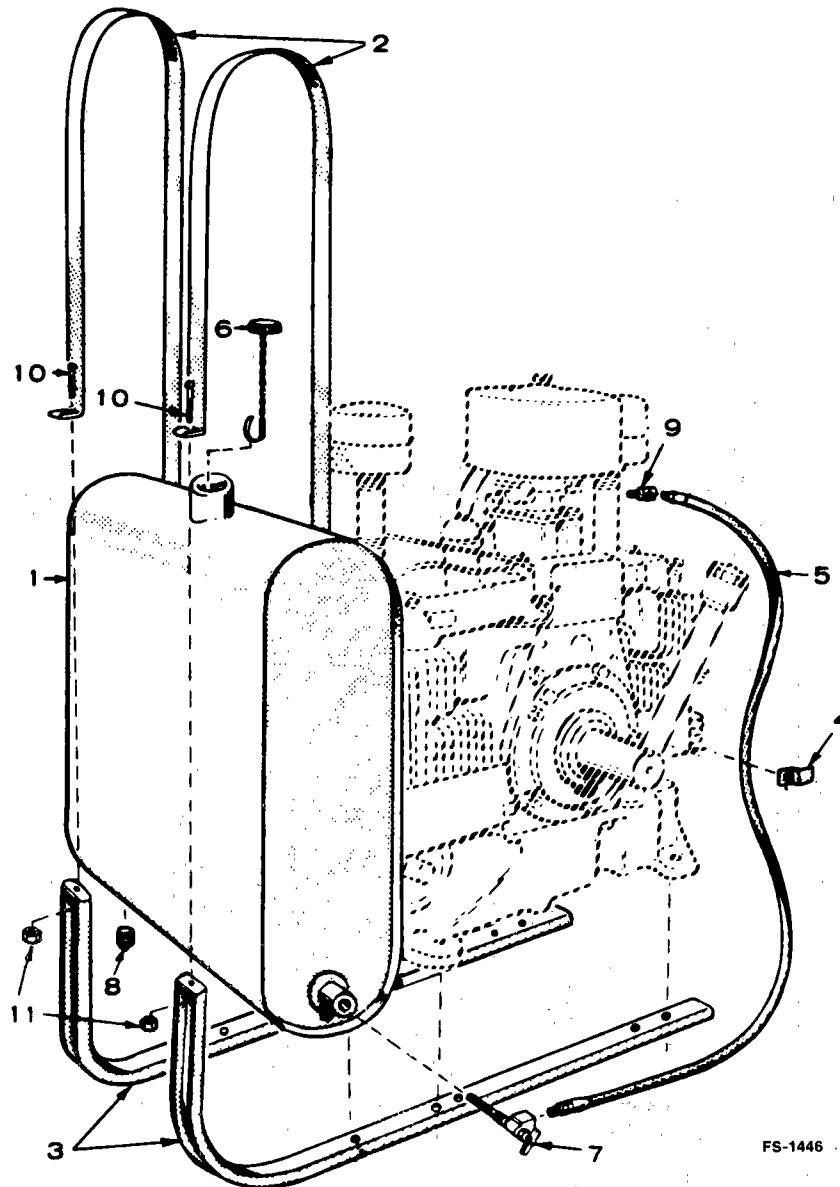


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	140-1915	1	Kit, Remote Air Cleaner Adapter (Includes Parts Marked *)
1	509-0145	1	Seal, O-Ring
2	850-0030	3	*Washer, Lock-Spring (#10)
3	123-1417	1	*Filter, Breather Tube
4	123-1539	1	*Tube, Crankcase Breather
5	503-0107	1	Clamp, Breather Tube

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
6	140-1714	1	*Adapter, Carburetor Air Intake
7	813-0106	3	*Screw, Machine - Round Head (#10-32 x 1-1/8")
8	145-1428	1	*Elbow, Air Intake
9	503-0274	1	*Clamp, Hose - Air Intake
10	503-0171	1	*Clamp, Hose
11	517-0151	1	*Plug, Dot Button - Blower Housing Air Hole

* - Parts Included in 140-1915 Remote Air Cleaner Adapter.

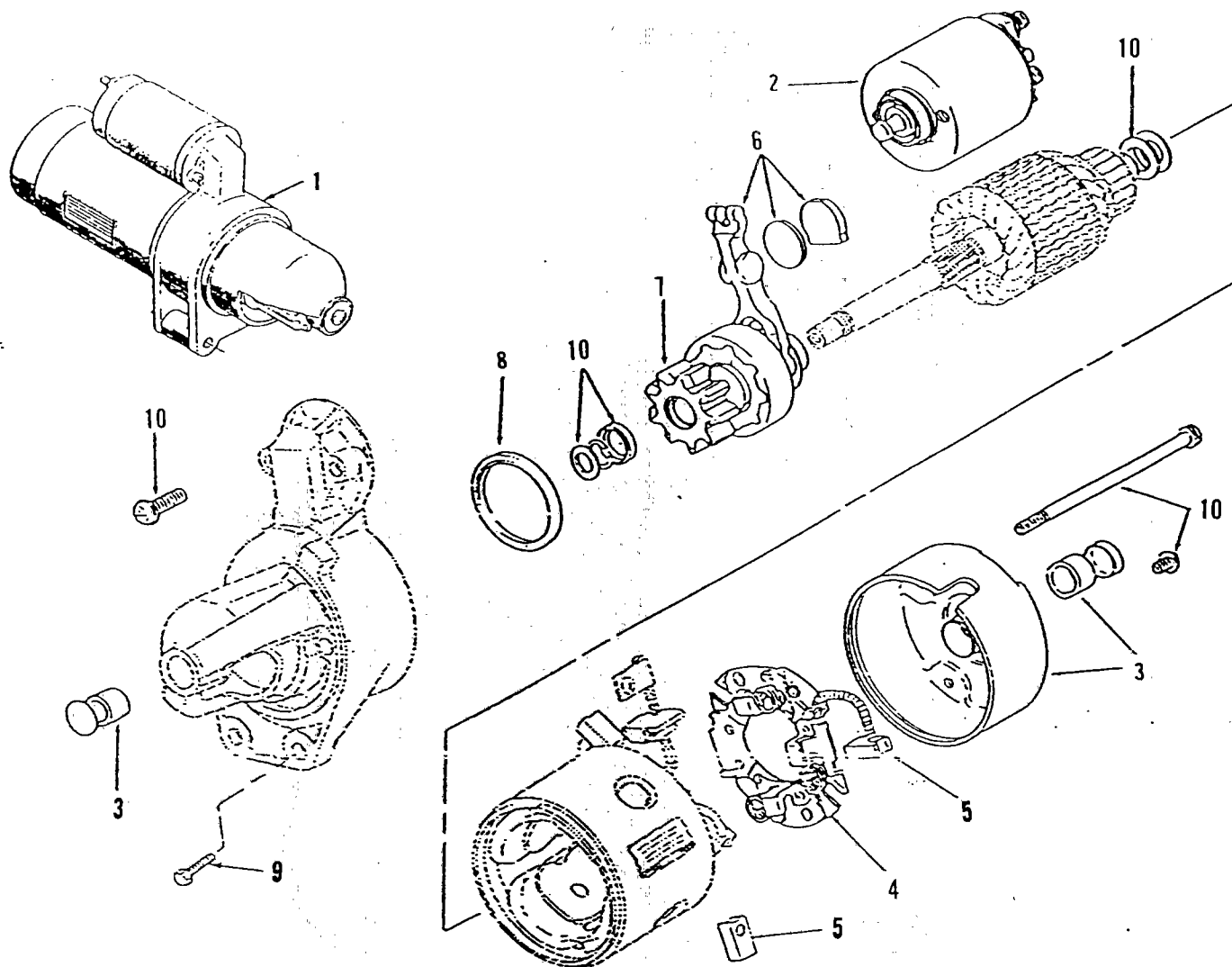
Option 9
Fuel Tank (Side Mounted)



FS-1446

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	159-0597	1	Kit, Fuel Tank - Complete	7	504-0013	1	Valve, Shut-off
1	159-0981	1	Tank, Fuel (Less Cap)	8	505-0057	1	Plug, Tank Drain
2	159-0596	2	Strap, Fuel Tank	9	502-0020	1	Elbow, Carburetor Inlet
3	159-0595	2	Bracket, Fuel Tank	10	813-0108	2	Screw, Machine - Round Head (#10-32 x 1-1/2")
4	134-0599	1	Clip, Fuel Line	11	870-0053	2	Nut, Hex (#10-32)
5	501-0008	1	Line, Fuel				
6	159-0020	1	Cap, Fuel Tank				

Option 10
Starter Components - Solenoid Shift



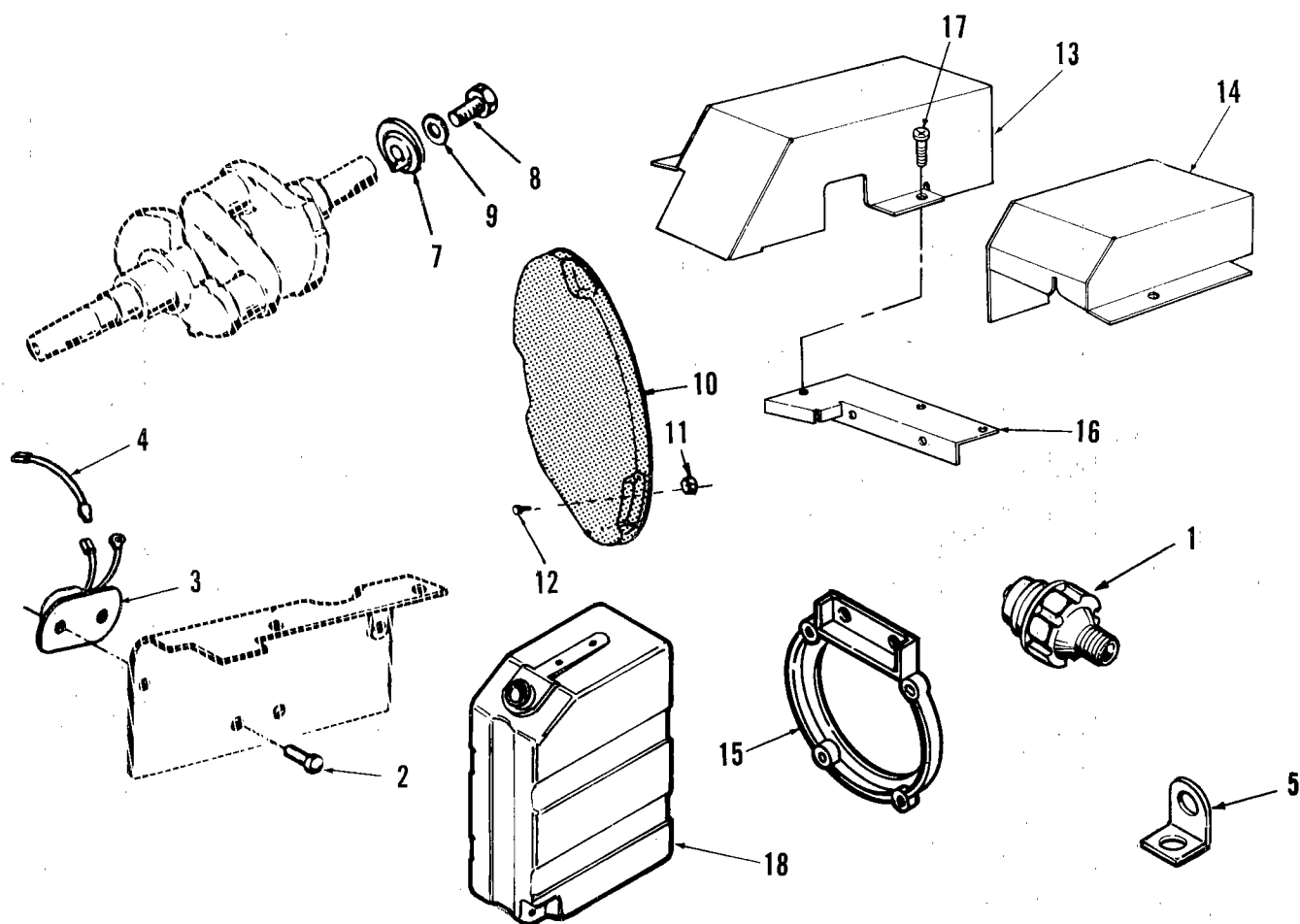
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	191-1682-01	1	Starter, Solenoid Shift Without Dust Seal
	191-1808-01	1	With Dust Seal
2	191-1809	1	Kit, Solenoid - Starter (Includes Solenoid and Spring Plunger)
3	191-1762	1	Kit, Bushing - Starter (Includes Rear Cap with Bushing and Front Bushing)
4	191-1764	1	Holder, Brush (Includes Negative Brush)
5	191-1763	1	Kit, Brush - Starter (Includes (2) Negative and (1) Positive Brushes)
6	191-1766	1	Kit, Shift Lever - Starter (Includes Lever, Wear Plate and Rubber Plug)

NOTE: Onan Part Number Stamped on the Starter Nameplate for Identification

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
7			Clutch Assembly, Starter (Includes Pinion Gear)
	191-1767	1	Used on 191-1682-01 Only
	191-1810	1	Used on 191-1808-01 Only
8	191-1811	1	Seal, Dust (Used on 191-1808-01 Only)
9	815-0570	2	Screw, Cap - Hex Washer Head Starter Mount (5/16-18 x 1")
10	191-1765	1	Kit, Hardware - Starter (Includes (2) Solenoid Mtg Screws, 2 Thru Bolts, Armature Shims, Pinion Collar and Retaining Ring)

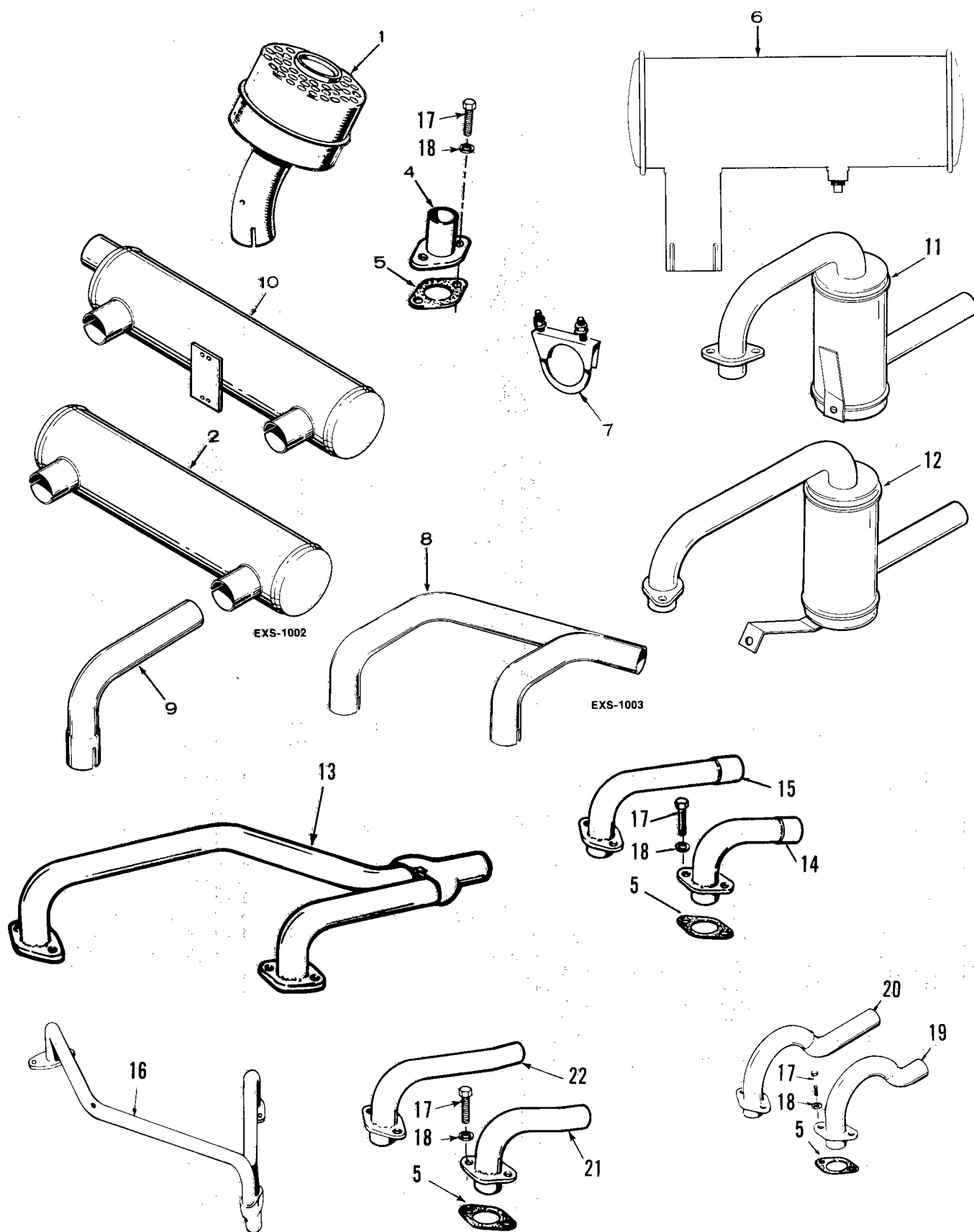
NOTE: Phantom Items Not For Sale. For Replacement Order Complete Starter.

Miscellaneous Optional Parts



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	309-0237	1	Switch, Low Oil Pressure	14	134-3890	1	Cover, Exhaust - RH
2	818-0076	2	Rivet, Switch (1/8")				Use with 154-2128 Exhaust Adapter
3	309-0497	1	Switch, High Air Temperature		134-4341	1	Use with 154-2343 Exhaust Adapter
4	336-9501	1	Lead, High Air Temperature Switch	15	190-0597	1	Adapter, Clutch - Electric - Begin Spec D
5	403-1523	2	Bracket, Lifting	16	134-3905	1	Support, Exhaust Cover
7	104-1156	1	Weight, Balance	17	821-0009	2	Screw, Lock (1/4-20 x 3/8")
8	801-0050	1	Screw, Cap - Hex Head (3/8"-24" x 1")	18	159-1150	1	Tank, Fuel - Plastic (3.5 Gallon Capacity)
9	850-0050	1	Washer, Lock - Spring (3/8")				
10	134-3875	1	Screen, Flywheel (Stationary)				
11	134-3868	3	Spacer, Flywheel Screen				
12	815-0359	3	Screw, Tapping - Hex Washer Head (#10-32 x 7/8")				
13			Cover, Exhaust - LH				
	134-4028	1	Use with 154-2129 Exhaust Adapter				
	134-4254	1	Use with 154-2344 Exhaust Adapter				

Miscellaneous Exhaust Options



M-1435

Miscellaneous Exhaust Options

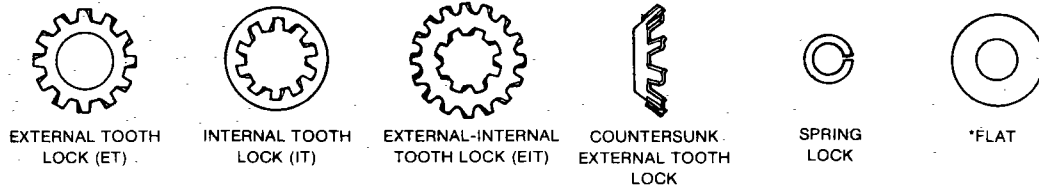
NOTE: Various exhaust options are used on B43G industrial engines. Select according to illustration.

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-1570	2	Muffler, Exhaust	13		1	Manifold, Exhaust
2	155-1692	1	Muffler, Exhaust		154-2243	1	Crossover (Rear Back Outlet)
4	154-1958	2	Adapter, Exhaust (Flange Type)		154-2457	1	Right Rear Outlet
5	154-1725	2	Gasket, Exhaust Adapter	14	154-2128	1	Adapter, Exhaust - Right
6			Muffler, Exhaust - Raygun				(1-1/4" OD Outlet)
	155-1697	2	With Spark Arrestor	15	154-2129	1	Adapter, Exhaust - Left
	155-1693	2	Without Spark Arrestor				(1-1/4" OD Outlet)
7			Clamp, Muffler	16	154-2178	1	Manifold, Exhaust - (Right
	155-1256	2	1-1/4"				Rear Downward Outlet)
	155-1257	2	1-3/8"	17	800-0026	4	Screw, Cap - Hex Head
8			Manifold, Exhaust - Crossover				(5/16-18" x 3/4")
	154-1986	1	Left Rear Outlet	18	850-0045	4	Washer, Lock - Spring (5/16")
	154-1669	1	Left Front Outlet	19	154-2158	1	Adapter, Exhaust - Right
	154-1986	1	Right Front Outlet				(1-1/8" OD Outlet)
	154-1669	1	Right Rear Outlet	20	154-2159	1	Adapter, Exhaust - Left
9			Pipe, Exhaust (90°)				(1-1/8" OD Outlet)
	155-1703	1	Left	21	154-2343	1	Adapter, Exhaust - Right
	155-1704	1	Right				(1-15/64" OD Outlet)
10	155-1848	1	Muffler, Crossover	22	154-2344	1	Adapter, Exhaust - Left
11	155-1722	1	Muffler, R.H.				(1-15/64" OD Outlet)
12	155-1723	1	Muffler, L.H.				

HARDWARE IDENTIFICATION

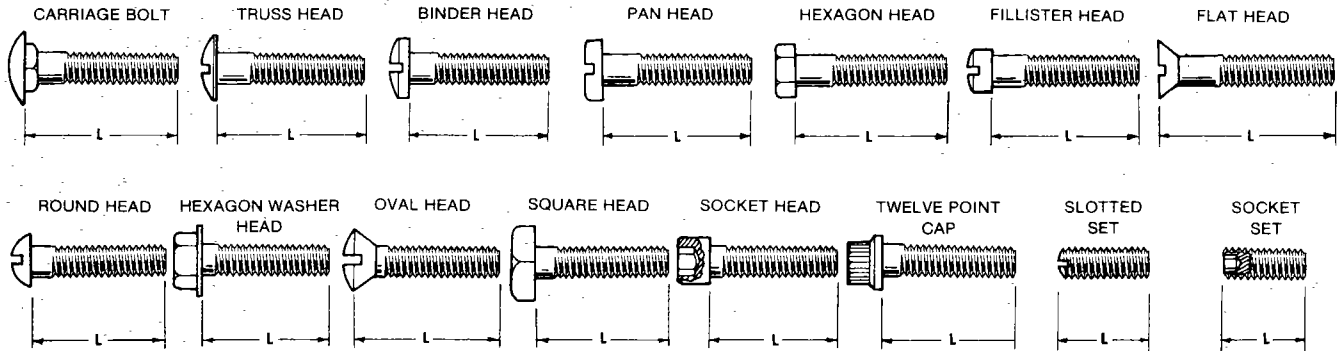
Illustrated hardware items are only for identification purposes. All hardware items listed throughout this parts catalog are steel SAE grade five (5) or lower (zinc plated with clear chromate dip) unless parts description indicates differently. All dimensions are in inches.

WASHER TYPES



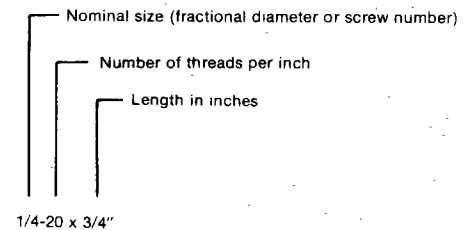
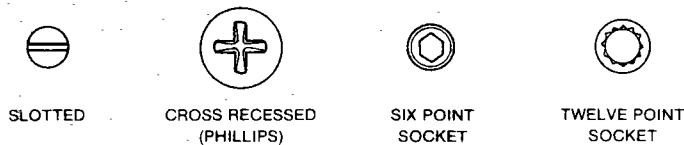
* - Flat washer dimensions given are: Inside Diameter (ID), Outside Diameter (OD) and Thickness (Thk).

BOLT AND SCREW TYPES



L - Measure length between these points.

INTERNAL DRIVE TYPES



NUT TYPES



SPECIAL PARTS LIST FOR MODEL B43G-GA018 SPEC 3733B
 FOR STANDARD PARTS REFER TO CATALOG 965-0258 KEY NO.
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
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MANUFACTURED FOR: GRAVELY

Option 2: Flywheel Alternator - 15 Amp (Phelon)

Option 3: Governor Control - Variable Speed
 (Side Pull-No Swivel)

Miscellaneous Options:

Stationary Flywheel Screen

Exhaust Manifold-Right Rear Downward Outlet

104-1330	1	Crankshaft (Includes keys)
134-3859	1	Housing, Cylinder Air-R.H.
134-3862	1	Housing, Cylinder Air-L.H.
102-1221	1	Base, Oil (Includes Parts marked *)
516-0212	2	*Pin, Dowel
102-0938	1	*Plug, Oil Drain ($\frac{1}{2}$ ")
102-0743	1	*Gasket, Oil Drain

SPECIAL PARTS LIST FOR MODEL B43G-GA018SPEC 4060BFOR STANDARD PARTS REFER TO CATALOG 965-0258 KEY NO.

OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Manufactured For: John Deere			154-2746	2	Gasket, Exhaust Adapter
			190-0597	1	Adapter, Clutch
			168-0189	1	Gasket Kit, Carbon Removal
Option 1: Flywheel Alternator - 20 Amp (Phelon)			168-0187	1	Gasket Kit, Complete
Option 4: Variable Speed Governor Control (Front Pull)			191-1567	1	Starter, Complete
Option 5: Choke Control (Front Pull)					
110-3181	2	Gasket, Cylinder Head			
104-1699	1	Crankshaft (Includes Keys)			
134-3847	1	Venturi, Blower Wheel			
134-4655-50	1	Cover, Exhaust Tube - Right			
134-4254-50	1	Cover, Exhaust Tube - Left			
403-1523-01	2	Bracket, Lifting			
134-4257	1	Housing, Blower			
134-4265	1	Housing, Cylinder Air - Left			
134-4297	1	Housing, Cylinder Air - Right			
122-0774	1	Gasket, Oil Filter Cover			
122-0438	1	Cover, Oil Filter			
102-1222	1	Base, Oil (Includes Parts Marked +)			
505-0266	1	+Plug, Pipe - Oil Drain (3/8")			
123-1404	1	Cap and Indicator, Oil Fill (Includes O-Ring)			
509-0142	1	O-Ring, Oil Fill Cap			
102-0743	1	+Gasket, Oil Drain			
102-0938	1	+Plug, Bottom Oil Drain			
309-0237	1	Switch, Low Oil Pressure			
140-1961	1	Support, Air Cleaner			
338-1655	1	Harness, Wiring			
154-2343	1	Adapter, Exhaust - Right			
154-2344	1	Adapter, Exhaust - Left			

SPECIAL PARTS LIST FOR MODEL B43G-GA018 SPEC 4113B
 FOR STANDARD PARTS REFER TO CATALOG 965-0258 KEY NO.
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Manufactured For: Jacobsen			134-3891	1	Cover, Exhaust Tube - Left Side
Option 2: Flywheel Alternator - 15 Amp (Phelon)			134-4655-50	1	Cover, Exhaust Tube - Right Side
Option 3: Variable Speed Governor Control (Side Pull)			104-1156	1	Weight, Balance
			191-1567	1	Starter, Complete
110-3151	1	Block Assembly, Cylinder			
104-1695	1	Crankshaft (Includes Keys)			
510-0015	5	Ball, Governor			
110-1808	2	Valve, Intake			
110-0904	2	Rotocap, Valve-Exhaust			
110-0893	2	Washer, Valve Spring Retainer			
102-1218	1	Base, Oil (Includes Parts Marked *)			
505-0158	1	*Cap, Pipe-Oil Drain (1/2")			
505-0176	1	*Nipple, Long-Oil Drain (1/2" x 3-1/2")			
122-0406	1	Filter, Oil (With Hex Nut)			
800-0061	4	Screw, Cap - Hex Head (3/8-16 x 3-3/4")			
110-3181	2	Gasket, Cylinder Head			
140-1692	1	Cover, Element - Air Cleaner			
149-2206-01	1	Filter, Fuel			
503-0301	5	Clamp, Hose - Fuel			
134-4276	1	Housing, Cyl Air - Right Side			
134-4265	1	Housing, Cyl Air - Left Side			
403-1523-01	2	Bracket, Lifting			
154-2128	1	Tube, Exhaust - Right Side			
154-2129	1	Tube, Exhaust - Left Side			
154-2746	2	Gasket, Exhaust			

SPECIAL PARTS LIST FOR MODEL B43G-GA018 SPEC 4135C
 FOR STANDARD PARTS REFER TO CATALOG 965-0258 KEY NO.
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Manufactured for: John Deere					
Option 1: Flywheel Alternator - 20 Amp (Phelon)					
Option 4: Variable Speed Governor Control (Front Pull - No Swivel)					
Option 5: Choke Control (Front Pull - With Swivel)					
Option 6: Fuel Line Filter					
Miscellaneous Options:					
-Graphoil Head Gaskets					
Electric Clutch Adapter					
Lopko - 1 Terminal					
Inner Air Cleaner Cover					
Lifting Brackets					
Exhaust Adapters (1-15/64" Outlet)					
102-1223	1	Base, Oil (Includes Parts Marked *)			
516-0212	2	*Pin, Dowel			
102-0938	1	*Plug, Oil Drain (1/2")			
102-0743	1	*Gasket, Oil Drain			
338-1655	1	Harness, Wiring - Single Point Interface			
104-1699	1	Crankshaft (Includes Keys)			
309-0546	1	Switch, Low Oil Pressure - 1 Terminal			
Parts Not Furnished by Onan:					
Rotating Screen					
Oil Base Air Baffle					

SPECIAL PARTS LIST FOR MODEL

B43G-GA018

SPEC

4137C

FOR STANDARD PARTS REFER TO CATALOG

965-0258

KEY NO.

OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Sold To: Jacobsen					
Option 2: 15 Amp Flywheel Alternator (Phelon)					
Option 3: Variable Speed Governor Control (Side Pull) W/O Swivel					
Option 6: Fuel Line Filter					
510-0015	6	Ball, Governor			
110-1808	2	Valve, Intake			
102-1218	1	Base, Oil-Rear Drain Assembly (Includes Parts Marked *)			
505-0176	1	*Nipple, Long (1/2 NPT X 3 1/2" Lg.)			
505-0158	1	*Cap, Pipe (1/2 NPT)			
134-4276	1	Housing, Cylinder Air-Right Side			

SPECIAL PARTS LIST FOR MODEL B43G-GA018 SPEC 4166CFOR STANDARD PARTS REFER TO CATALOG 965-0258 KEY NO.

OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
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MANUFACTURED FOR: SPERRY-NEW HOLLAND

Option 2: Flywheel Alternator-15 Amp (Phelon)

Option 4: Governor Control-Variable Speed
(Front Pull)Option 5: Choke Control (W/O Swivel)
(Front Pull)

104-1331	1	Crankshaft (Includes Keys)
102-1216	1	Base, Oil (Includes Parts Marked *)
516-0212	2	*Pin, Dowel
102-0938	1	*Plug, Oil Drain ($\frac{1}{2}$ ")
102-0743	1	*Gasket, Oil Drain
122-0445	1	Filter, Oil-Screw On
150-1367	1	Adapter, Governor Arm (Note: Replaces 150-1754 Adapter Called Out In Option 4)
150-1369	1	Spring, Governor
134-4028	1	Cover, Exhaust-Left Side
134-3890	1	Cover, Exhaust-Right Side
134-3905	1	Support, Exhaust Cover

Parts Not Furnished By Onan

Rotating Flywheel Guard

SPECIAL PARTS LIST FOR MODEL B43G-GA018SPEC 4166DFOR STANDARD PARTS REFER TO CATALOG 965-0258KEY NO.

OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
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MANUFACTURED FOR: SPERRY-NEW HOLLAND

OPTION 2: FLYWHEEL ALTERNATOR-15 AMP (PHELOX)

OPTION 4: VARIABLE SPEED GOVERNOR CONTROL
(FRONT PULL)

OPTION 5: CHOKE CONTROL (FRONT PULL)

MISCELLANEOUS OPTIONS:

GRAFOIL HEAD GASKETS

INNER AIR CLEANER COVER

LIFTING BRACKETS

EXHAUST ADAPTERS (1 $\frac{1}{4}$ " OUTLET)

EXHAUST HEAT SHIELDS

122-0445	1	FILTER, OIL
102-1216	1	BASE, OIL (FRONT/BOTTOM DRAIN) (INCLUDES PARTS MARKED*)
516-0212	2	*PIN, DOWEL
102-0938	1	*PLUG, OIL DRAIN ($\frac{1}{2}$ ")
102-0743	1	*GASKET, OIL DRAIN

SPECIAL PARTS LIST FOR MODEL

B43G-GA018

SPEC

4167C

FOR STANDARD PARTS REFER TO CATALOG

965-0258

KEY NO.

OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
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Manufactured For: John Deere

Option 1: Flywheel Alternator-20 Amp (Phelon)

Option 4: Governor Control-Variable Speed
(Front Pull)-No Swivel

Option 5: Choke Control (Front Pull)

104-1441	1	Crankshaft (Kit)(Includes keys)
102-1224	1	Base, Oil (Includes Following Parts Marked *)
505-0110	1	*Plug, Square Head (3/8")
516-0212	2	*Pin, Dowel
123-1404	1	Indicator & Cap Assembly-011
338-1655	1	Harness, Wiring-Interface
134-4317	1	Housing, Blower-Assembly
190-0597	1	Adapter, Clutch

SPECIAL PARTS LIST FOR MODEL

B43G-GA018

SPEC

4173C

FOR STANDARD PARTS REFER TO CATALOG

965-0258

KEY NO.

OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
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Manufactured For: John Deere

Option 1: Flywheel Alternator-20 Amp (Phelon)

Option 3: Governor Control-Variable Speed-
No Swivel

104-1441	1	Crankshaft (Kit)(Includes Keys)
102-1222	1	Base, Oil (Includes Following Parts Marked *)
102-0743	1	*Gasket, Oil Drain
102-0938	1	*Plug, Oil Drain (1/2")
505-0110	1	*Plug, Square Head (3/8")
516-0212	2	*Pin, Dowel
123-1404	1	Indicator & Cap Assembly-Oil
338-1655	1	Harness, Wiring-Interface
149-1911	1	Pump Assembly, Fuel-Vacuum
150-1576	1	Arm, Governor Control
190-0597	1	Adapter, Clutch

SPECIAL PARTS LIST FOR MODEL

B43G-GA018

SPEC

4174C

FOR STANDARD PARTS REFER TO CATALOG

965-0258

KEY NO.

OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
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Manufactured For John Deere

Option 1: Flywheel Alternator-20 Amp (Phelon)

Option 3: Governor Control-Variable Speed-No
Swivel

104-1441	1	Crankshaft (Kit)(Includes keys)
102-1224	1	Base, Oil (Includes Following Parts Marked *)
505-0110	1	*Plug, Square Head (3/8")
516-0212	2	*Pin, Dowel
123-1404	1	Indicator & Cap Assembly-Oil
338-1655	1	Harness, Wiring-Interface
149-1911	1	Pump Assembly, Fuel-Vacuum
150-1576	1	Arm, Governor Control
190-0597	1	Adapter, Clutch

SPECIAL PARTS LIST FOR MODEL B43G-GA018 SPEC 4219C
FOR STANDARD PARTS REFER TO CATALOG 956-0258 KEY NO.
OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
MANUFACTURED FOR: TERNANT					
Option 1: Flywheel Alternator-20 Amp (Phelon)					
Option 4: Governor Control-Variable Speed (Front Pull)					
Option 5: Choke Control (Front Pull)					
Option 6: Fuel Line Filter					
150-1367	1	Adapter, Governor Arm (Note: Replaces 150-1754 Adapter Called Out In Option 4)			
150-1369	1	Spring, Governor			

SPECIAL PARTS LIST FOR **MODEL** B43G-GA018 **SPEC** 4233C
 FOR STANDARD PARTS REFER TO **CATALOG** 965-0258 **KEY NO.**
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
Manufactured For: John Deere					
Option 1: Flywheel Alternator-20 Amp (Phelon)					
Option 3: Governor Control-Variable Speed-No Swivel					
104-1441	1	Crankshaft (Kit)(Includes Keys)			
102-1271	1	Base, Oil (Includes Following			
		Parts Marked *)			
102-0743	1	*Gasket, Oil Drain			
102-0938	1	*Plug, Oil Drain ($\frac{1}{2}$ "			
505-0110	1	*Plug, Square ($\frac{3}{8}$ "			
516-0212	2	*Pin, Dowel			
123-1637	1	Indicator & Cap Assembly-Oil			
338-1655	1	Harness, Wiring-Interface			
149-1911	1	Pump Assembly, Fuel-Vacuum			
150-1576	1	Arm, Governor Control			
190-0597	1	Adapter, Clutch			

SPECIAL PARTS LIST FOR MODEL B43G-GA018 SPEC 4234C
FOR STANDARD PARTS REFER TO CATALOG 965-0258 KEY NO.
OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
----------	------	-------------	----------	------	-------------

Manufactured For: John Deere

Option 1: Flywheel Alternator-20 Amp (Phelon)
Option 3: Governor Control-Variable Speed-No Swivel

104-1441	1	Crankshaft (Kit)(Includes Keys)
102-1271	1	Base, Oil (Includes Following Parts Marked *)
102-0743	1	*Gasket, Oil Drain
102-0938	1	*Plug, Oil Drain ($\frac{1}{2}$ ")
505-0110	1	*Plug, Square ($\frac{3}{8}$ ")
516-0212	2	*Pin, Dowel
123-1637	1	Indicator & Cap Assembly-Oil
338-1655	1	Harness, Wiring-Interface
149-1911	1	Pump Assembly, Fuel-Vacuum
150-1576	1	Arm, Governor Control
190-0597	1	Adapter, Clutch

SPECIAL PARTS LIST FOR MODEL

B43G-GA018

SPEC

4234D

FOR STANDARD PARTS REFER TO CATALOG

965-0258

KEY NO.

OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
MANUFACTURED FOR: JOHN DEERE					
OPTION 1: FLYWHEEL ALTERNATOR - 20 AMP (PHELOX)					
OPTION 3: VARIABLE SPEED GOVERNOR CONTROL (SIDE PULL W/O SWIVEL)					
OPTION 6: FUEL LINE FILTER					
MISCELLANEOUS OPTIONS:					
GRAFOIL HEAD GASKETS					
ELECTRIC CLUTCH ADAPTER					
LOPKO					
INNER AIR CLEANER COVER					
LIFTING BRACKETS					
EXHAUST ADAPTERS (1-15/64" OUTLET)					
102-1271	1	BASE, OIL (INCLUDES PARTS MARKED*)			
516-0212	2	*PIN DOWEL			
505-0110	1	*PLUG SQUARE HEAD (3/8")			
102-0938	1	*PLUG, OIL DRAIN (1/2")			
102-0743	1	*GASKET, OIL DRAIN			
338-1655	1	HARNESS, WIRING -SINGLE POINT INTERFACE			

SPECIAL PARTS LIST FOR MODEL B43G-GA018

SPEC 4237C

FOR STANDARD PARTS REFER TO CATALOG 965-0258 KEY NO.

OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
----------	------	-------------	----------	------	-------------

MANUFACTURED FOR: HOBBS

OPTION 2: FLYWHEEL ALTERNATOR- 15 AMP (PHELOX)

OPTION 3: VARIABLE SPEED GOVERNOR CONTROL
(SIDE PULL W/O SWIVEL)

MISCELLANEOUS OPTIONS:

EXHAUST ADAPTER - FLANGE TYPE

SPECIAL PARTS LIST FOR MODEL

B43G-GA018

SPEC

4262D

FOR STANDARD PARTS REFER TO CATALOG

965-0258

KEY NO.

OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
----------	------	-------------	----------	------	-------------

Option 2: Flywheel Alternator - 15 Amp (Phelon)

Option 3: Governor Control - Variable Speed
(side pull - no swivel)

Option 6: Fuel Line Filter

Miscellaneous Options:

Grafoil Head Gaskets

Inner Air Cleaner Cover

Lifting Brackets

Exhaust Adapter - Flange Type

104-1548 1 Crankshaft (Includes keys)

307-1031 1 Solenoid, Start

518-0176 2 Clip, Governor

102-1225 1 Base, Oil (Includes parts
marked *)

516-0212 2 *Pin, Dowel

505-0110 2 *Plug, Square Head (3/8")

SPECIAL PARTS LIST FOR MODEL

B43G - GA018

SPEC

4263D

FOR STANDARD PARTS REFER TO CATALOG

965-0258

KEY NO.

OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
----------	------	-------------	----------	------	-------------

MANUFACTURED FOR: JACOBSEN MFG.

OPTION 2: Flywheel Alternator- 15 Amp (PHELON)

OPTION 3: Variable Speed Governor Control
(Side Pull W/O Swivel)

MISCELLANEOUS OPTIONS:

4 Boss Rear Bearing Plate

Intake Valve Retainer Washers

Flywheel with Imbalance Weight

Crankshaft stub Imbalance Weight

Graphoil Head Gasket

Oil Filter with Hex Nut

Inner Air Cleaner Cover

Exhaust Heat Shields

Exhaust Adapters (1 1/4" OD Outlet)

Lifting Brackets

510-0015 6 Ball Bearing- Governor

149-2005 1 Filter, Fuel

102-1218 1 Base, Oil (Includes Parts
Marked *)

505-0158 1 * Cap, Pipe (1/2")

505-0176 1 * Nipple, Long (1/2 NPT X 3.5"
Long)

134-4276 1 Housing, Cylinder Air- Right

134-4268 1 Housing, Cylinder Air- Left

SPECIAL PARTS LIST FOR MODEL

B43G-GA018

SPEC

4265D

FOR STANDARD PARTS REFER TO CATALOG 965-0258

KEY NO.

OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
OPTION 1:		FLYWHEEL ALTERNATOR-20 AMP (PHELO)			
OPTION 3:		VARIABLE SPEED GOVERNOR CONTROL (SIDE PULL)			
OPTION 5:		CHOKE CONTROL (FRONT PULL)			
MISCELLANEOUS OPTIONS:					
		STATIONARY FLYWHEEL SCREEN			
		LOPKO			
		EXHAUST ADAPTERS (1-1/4" OUTLET)			
		EXHAUST HEAT SHIELDS			
501-0008	1	LINE, FLEX-OIL (REMOTE)			
502-0017	1	CONNECTOR, FEMALE-FLEX OIL LINE			
502-0058	1	TEE, STREET PIPE-OIL PRESSURE SWITCH			

SPECIAL PARTS LIST FOR MODEL B43G-GA018

SPEC 4295D

FOR STANDARD PARTS REFER TO CATALOG 965-0258 KEY NO.

OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
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OPTION 2: FLYWHEEL ALTERNATOR - 15 AMP (PHELOX)

OPTION 3: VARIABLE SPEED GOVERNOR CONTROL
(SIDE PULL W/O SWIVEL)

MISCELLANEOUS OPTIONS:

GRAFOIL HEAD GASKETS

LOPKO

LIFTING BRACKETS

102-1224	1	BASE, OIL (INCLUDES PARTS MARKED*)
516-0212		*PIN, DOWEL
505-0110	1	*PLUG, SQUARE HEAD (3/8")
123-1404	1	INDICATOR AND CAP ASSEMBLY- OIL BASE
140-1911	1	ELEMENT, AIR CLEANER
140-1912	1	WRAPPER, AIR CLEANER ELEMENT
140-1913	1	COVER, AIR CLEANER
338-1655	1	HARNES, WIRING - SINGLE POINT INTERFACE

SPECIAL PARTS LIST FOR MODEL

B43G-GA018

SPEC

4327D

FOR STANDARD PARTS REFER TO CATALOG

965-0258

KEY NO.

OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
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Manufactured for: John Deere

Option 1: Flywheel Alternator - 20 Amp (Phelon)

Option 6: Fuel Line Filter

Miscellaneous Options:

Graphoil Head Gaskets

Inner Air Cleaner Cover

Lifting Brackets

Exhaust Adapters (1 15/64" Outlet)

Exhaust Heat Shields

104-1441	1	Crankshaft (Includes keys)
102-1271	1	Base, Oil (Includes parts marked *)
516-0212	2	*Pin, Dowel
505-0110	1	*Plug, square Head (3/8")
102-0938	1	*Plug, Oil Drain (1/2")
102-0743	1	*Gasket, Oil Drain
149-1911	1	Pump, Fuel
191-1682-02	1	Starter (Solenoid Shift, Down Position)
309-0510	1	Switch, Oil Pressure- One Terminal
338-1655	1	Harness, Wiring - Single Point Interface

SPECIAL PARTS LIST FOR MODEL B43G-GA018 SPEC 4336D
 FOR STANDARD PARTS REFER TO CATALOG 965-0258 KEY NO.
 OPTIONAL GROUPS IN CATALOG ARE LISTED BY GROUP NO. BELOW WHEN USED.

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
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Manufactured for: Jacobsen

Option 1: Flywheel Alternator-20 Amp (Phelon)
 Option 5: Choke Control (Front Pull)
 Option 6: Fuel Line Filter
 Option 8: Remote Air Cleaner Adapter

Miscellaneous Options:

Lifting Brackets
 Oil Filter with Hex Nut

104-1549	1	Crankshaft
515-0146	1	Key, Crankshaft
190-0267	1	Bearing, Sleeve (Oilite) use with Clutch Flywheel
104-0614	1	Clutch, Flywheel
102-1297	1	Base, Oil (Includes parts marked *)
516-0212	2	*Pin, Dowel
505-0176	1	*Nipple, Long (1/2 x 3/5" Lg.)
505-0158	1	*Cap, Pipe (1/2")
123-1630	1	Indicator and Cap Assembly (Includes part marked +)
509-0142	1	+O-Ring, Cap Assembly
193-0108	1	Sender, Oil Pressure-80 PSI
154-2613	1	Manifold, Exhaust-Right Exit