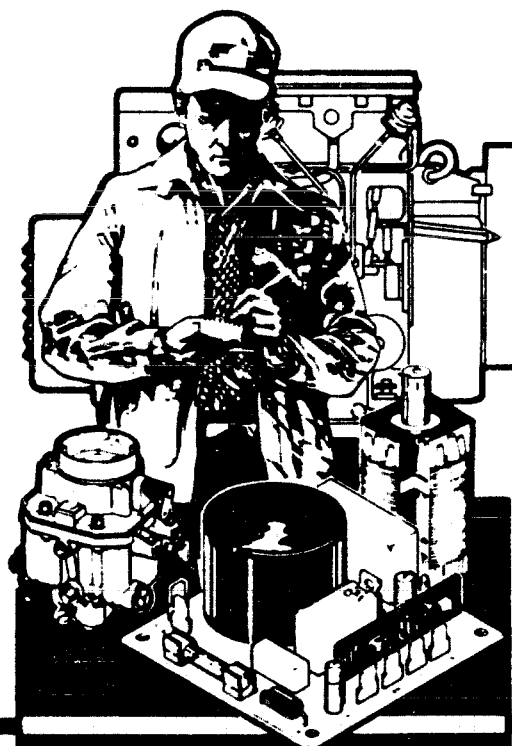


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# Onan

## Parts Manual NHE/NHEL Emerald III GenSet



**RV Electric Generating Set**

940-0227  
2-91 (Spec A, C)  
Replaces 10-90 (Spec A,C)  
Printed in U.S.A.

**Onan Service Parts**

## Introduction

This catalog applies to the standard NHE/NHEL Recreational Vehicle Generator Sets as listed in the Generator Set Data Table. Parts are arranged in groups of related items and each illustrated part is identified by a reference number corresponding to the same reference number in the parts list. Unless otherwise mentioned in the description, parts are interchangeable between models. Parts illustrations are typical. Using the model and specification number from your generator set nameplate, select parts that apply to your set. Right and Left sides are determined by Facing the engine (front) of the set.

## Generator Set Data Table

MODEL NUMBER	WIRING DIAG. #	PART NO.	QTY.	DESCRIPTION
6.5NHE-1R/26100A	611-1174	Above Floor Mounting		
6.5NHE-1R/26100B	611-xxxx	Above Floor Mounting		
6.5NHE-1R/26100C	611-1174	Above Floor Mounting		
6.5NHE-1R/26101A	611-1174	Below Floor Mounting		
6.5NHE-1R/26101B	611-xxxx	Below Floor Mounting		
6.5NHE-1R/26101C	611-1174	Below Floor Mounting		
6.5NHEL-1R/26110A	611-1174	Above Floor Mounting		
6.5NHEL-1R/26110B		Above Floor Mounting		
6.5NHEL-1R/26110C	611-1174	Above Floor Mounting		
6.5NHEL-1R/26111A	611-1174	Below Floor Mounting		
6.5NHEL-1R/26111B		Below Floor Mounting		
6.5NHEL-1R/26111C	611-1174	Below Floor Mounting		
5.5NHE-53CR/29236B	611-xxxx	Above Floor Mounting		
5.5NHE-53CR/29237B	611-xxxx	Below Floor Mounting		
6.5NHE-3CR/30982C	611-1176	Above Floor Mounting		
		402-0602	2	Isolator, Vibration
		220-3886	1	Stator, Wound
		321-0165	1	Holder, Fuse
		220-4179	1	Housing, Stator
		98-5864	1	Decal (Emerald III)
		191-1847	1	Regulator, Voltage - 30 Ampere
		301-9966	1	Bracket, Mounting - Voltage Regulator
		338-2143	1	Harness, Wiring - PC Board
6.5NHE-3CR/30983C	611-1176	Above Floor Mounting		
		402-0602	2	Isolator, Vibration
		220-3886	1	Stator, Wound
		201-3250	1	Armature, Wound (Includes Fan, Ring Gear, Ball Bearing and Collector Ring)
		220-4180	1	Housing, Stator
		515-0142	1	Key, Extended Shaft (1/4 x 1")
		98-5713	1	Label (Warning) Rotating Shaft
		898-0780	1	Sleeving, Rotating Shaft
		520-0976	1	Stud, Armature Thru (14.9" Long)
		191-1847	1	Regulator, Voltage - 30 Ampere
		301-9966	1	Bracket, Mounting - Voltage Regulator
		338-2143	1	Harness, Wiring - PC Board

\* - The diagonal line (/) in the model and specification number separates generator set characteristics from the specification number and letters. The specification number denotes customer requested options or deviations from a standard (1A, 1B, etc.) model. The specification letter advances (A, to B, to C, etc.) with major manufacturing changes.

### NOTE:

Components Sold As An Assembly Will Be Assembled At The Factory.

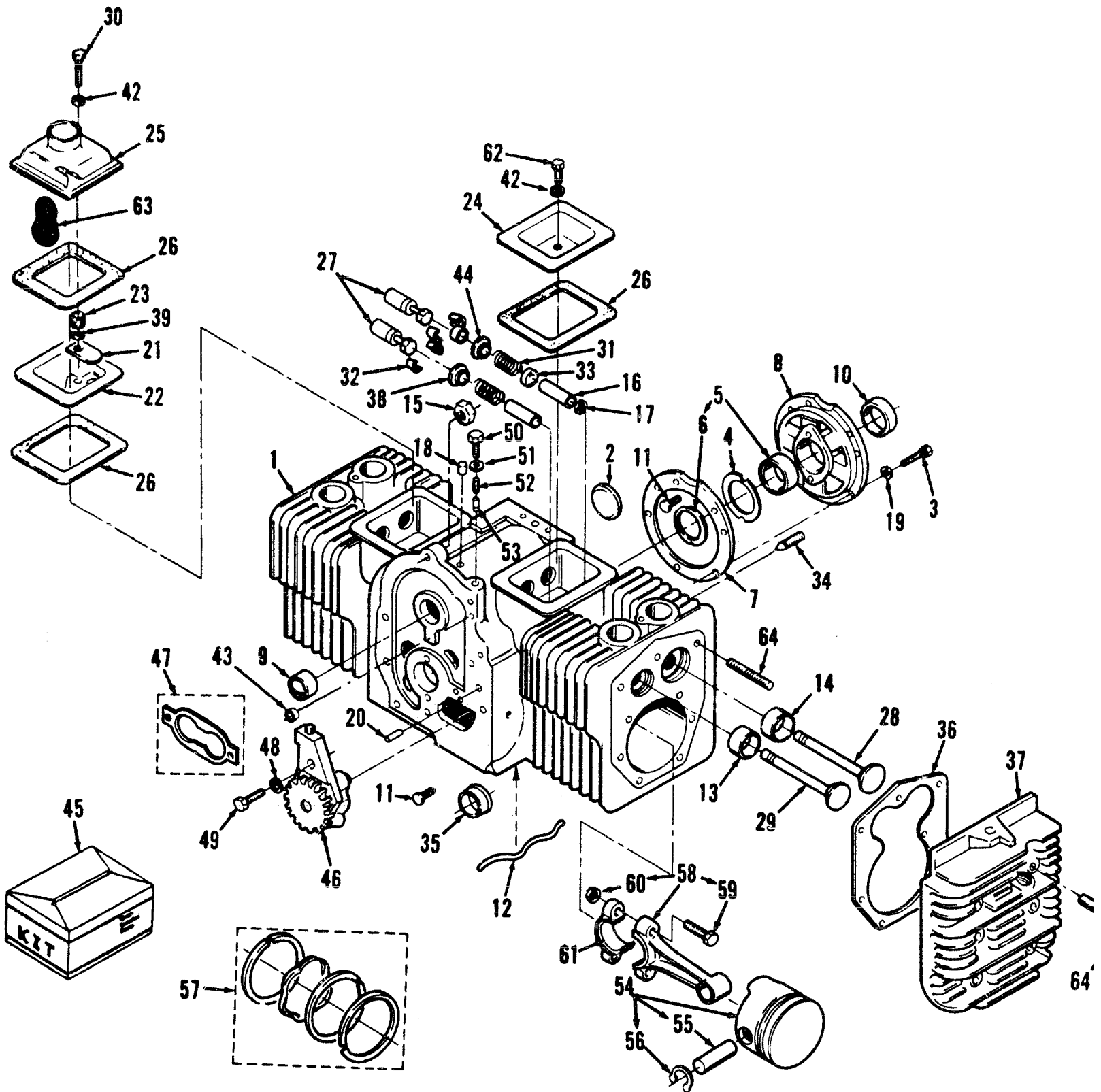
# INDEX

Adapter, Air Cleaner	A14, B2	Decal	C14, D3
Adapter, Exhaust	C10	Drain Filter - Oil	A10
Adapter, Filter - Oil	A10	Elbow, Male - Inverted	A14
Adapter, Generator	C12	Elbow Reducing - 90 degree	B2
Adapter, Preheater	A14	Elbow, Street - 45 degree	A10
Arm and Shaft, Governor	A9	Element and Cover - Choke	A14
Armature, Generator - Wound	C12	Element, Air Cleaner	A14,
		Element, Filter - Fuel	B2
		Exhaust System	C8
Backplate, Scroll	C2	Fan and Gear, Armature	C12
Baffle, Preheater	A14	Filter, Breather Tube	A6
Ball, Bearing	A9	Filter, LPG	B2
Ball, Fly - Governor	A8	Filter, Oil	A10
Base, Breaker	B9	Fitting, Vacuum	A14
Base, Oil	A12	Flywheel	A6
Bearing, Ball - Generator	C12	Fuse	C14
Bearing, Needle	A6	Gasket, Adapter - Oil Filter	A10
Bearing, Rod - Connecting	A6	Gasket, Base - Oil Filter	A12
Bearing, Sleeve	A6	Gasket, Bearing Plate	A6
Bi-Metal, Choke	A14	Gasket, Breaker Box	B8, B
Block, Cylinder	A6	Gasket, Carburetor Mounting	A14,
Block, Generator	C12	Gasket, Cylinder Head	A6
Block, Terminal - Generator	C12	Gasket, Drain - Oil	A12
Board, Printed Circuit	C14	Gasket, Exhaust	C8, C
Bolt, Place - Connecting	A6	Gasket, Gearcase	A9
Bowel, Fuel	B6, B7	Gasket, Horn - Air	A14, B
Box, Breaker	B8, B9	Gasket, Manifold - Exhaust	C8, C
Brace, Housing - Side and Rear	C3	Gasket, Manifold - Intake	A14,
Bracket, Exhaust	C8, C10	Gasket, Oil Base	A12
Bracket, Governor	B10	Gasket, Valve Cover	A6
Bracket, Lifting	C2	Gasket, Valve Guide	A6
Bracket, Line - Fuel	B2	Gear, Camshaft	A8
Bracket, Mounting - Diaphragm	A14	Gear, Crankshaft	A7
Bracket, Mounting - Filter	B2	Gearcase	A9
Bracket, Mounting - Housing	A14	Governor	B10
Bracket, Muffler	C8	Grommet, Rubber	C3
Bracket, Relay	B2	Guard, Breaker - Circuit	C14
Breaker, Circuit	C14	Guard, Scroll	C2
Brush, Generator	C12	Guide, Valve	A6
Bushing	C14		
Cable, Spark Plug	B8	Hanger, Exhaust	C8, C
Camshaft	A8	Harness, Wiring	D1
Cap, Oil Fill	A12	Harness, Wiring - Control	C14
Cap, Roto-Valve	A6	Harness, Wiring - Remote	D2
Cap, Vinyl	A14	Head, Cylinder	A6
Carburetor	A14, B2, B5, B6, B7	Holder, Fuse	C14
Clamp, Coil	B8	Hose, Fuel	B2
Clamp, Hose	A14, B2	Hose, Preheat	A14
Clamp, Muffler	C8, C10	Hose, Vacuum	A14
Clamp, Strator	C12	Housing	C3
Clamp, Wrap - Tie	C12	Housing, Air	C2
Clip	A14	Housing, Air Cleaner	A14,
Clip, Hose - Preheater	A14	Housing, Choke	A14
Clip, Retaining - Governor Rod	B10	Housing, Connector	D2
Clip, U - Diaphragm Mounting Bracket	A14	Housing, Socket	C14
Coil, Ignition	B8	Housing, Stator	C12
Components, Carburetor	B5, B6, B7	Housing, Harness - Wiring	D1
Condenser, Ignition	B8, B9	Hub, Governor	A8
Condenser, Ignition - Remote	C12		
Connector, Tab	C12	Insert, Valve Seat	A6
Control	C14	Insulator, Fuse	C14
Control, Start - Remote	C5	Insulator, Terminal - Start	Solenc
Cover, Box - Circuit Breaker	B9	Isolator, Vibration	A12
Cover, Breather	A6		
Cover, Brush - Block	C12	Joint, Ball	B10
Cover, Control	C14		
Cover, Housing - Choke	A14	Key, Crankshaft	A7
Cover, Inlet - Air	A14	Key, Woodruff	A8
Cover, Transformer	C12	Kit, Gasket	A6
Cover, Valve,	A6	Kit, Key - Blower Wheel	A7
Crankshaft	A6		
Cup, Governor	A8		
Cup, Intake - Oil Pump	A12		

# INDEX

Label, Danger	D3	Ring, Retaining	A6, A7, A8, A14
Label, Preheat	A14, D3	Ring, Retaining - Piston Pin	A6
Label, Warning	D3	Ring, Terminal	C14
Line, Fuel	A14	Rod, Connecting	A6
Link, Spring - Governor	A9	Rod, Governor Arm	B10
Linkage, Choke	A14	Rod, Inlet - Air	A14
Linkage, Pull-off	A14		
Lock, Valve Spring	A6	Seal, Oil - Crankshaft	A6, A9
		Seal, Oil - Governor Shaft	A9
Manifold, Exhaust	B2, C8, C10	Seal, Oil - Intake Valve	A6
Manifold, Intake	A14, B2	Sealant, Thread	D3
Meter, Battery Condition	C5	Shaft, Choke	A14
Meter, Time Totalizing	C5	Shield, Noise	C2
Motor, Starter	B13	Shim, Crankshaft	A6
Muffler, Spark Arrestor	C8, C10	Snubber, Mounting - Shock	A12
		Solenoid, Start	C14
Nut, Insulation	B11	Spacer, Adapter	B2
		Spacer, Muffler	C8
O-Ring Gap = Oil Fill	A12	Splice, End - Closed	C6
O-Ring, Housing - Stator	C6	Spring, Adapter	B2
		Spring, Bypass	A14
Paint, Touch-Up - Enamel	D3	Spring, Generator Brush	C12
Pan, Breather	A6	Spring, Governor	B10
Pan, Drip	C3	Spring, Needle	A9
Panel, Control - Remote Start	C5	Spring, Valve	A6
Panel, Housing	C3	Spring, Valve - Breather	A6
Pin, Alignment	A6	Spring, Valve - Bypass	A6
Pin, Camshaft	A8	Starter	B12
Pin, Contact	C14	Starter Components	B13
Pin, Dowel	A9	Stator, Wound	C12
Pin, Drive	A6	Strap, Ground	A12,
Pin, Hinge	C3	Strap, Muffler	C8
Piston	A6	Stud, Adjusting - Governor	B10
Piston and Pin	A6	Switch, Oil Pressure	A10
Plate, Hinge	C3	Switch, Rocker - Control	C14
Plate, Throttle	B6, B7	Switch, Rocker - Remote Start	C5
Plug, Dot Button	C2	System, Fuel - Gasoline	A14
Plug, Drain - Oil	A12	System, Fuel - LP	B2,
Plug, Pipe - Hex	B2	System, Ignition	B8
Plug, Spark	B8		
Plug, Vacuum Port	A6	Tab, Terminal	C14
Plug, Welsh	A6	Tappet, Valve	A6
Plunger, Breaker Points	B9	Terminal, Lead - Fuel Pump	A14
Plunger, Valve - Bypass	A6	Terminal, Pin - Contact	D1
Point, Set, Breaker	B9	Terminal, Pin - Female	C14
Pump, Fuel - Electric	A14	Terminal, Pin - Male	D2
Pump, Oil	A6	Terminal, Receptacle	C6
		Tie, Cable	B11, C6, C12, D2
Receptacle	C14	Transformer, Regulator	C6
Rectifier, Bridge	C14	Tube, Breather	A14,
Rectifier, Harness - Wiring	D1	Tube, Exhaust	C8
Rectifier, Silicon	C14	Tube, Housing - Choke	A14
Reed, Valve - Breather	A6	Tube, Oil - Cylinder Block	A6
Regulator	B2		
Regulator, Transformer	C6	Valve, Exhaust	A6
Relay, Ignition	B2	Valve, Intake	A6
Resistor, Fixed	B11	Valve, Shut-Off - Fuel	B2
Resonator, Exhaust	C8	Valve, Shut-Off - Oil Base	A12
Ring, Collector - Armature	C12		
Ring, Piston	A6	Yoke, Governor	A9

# Cylinder Block



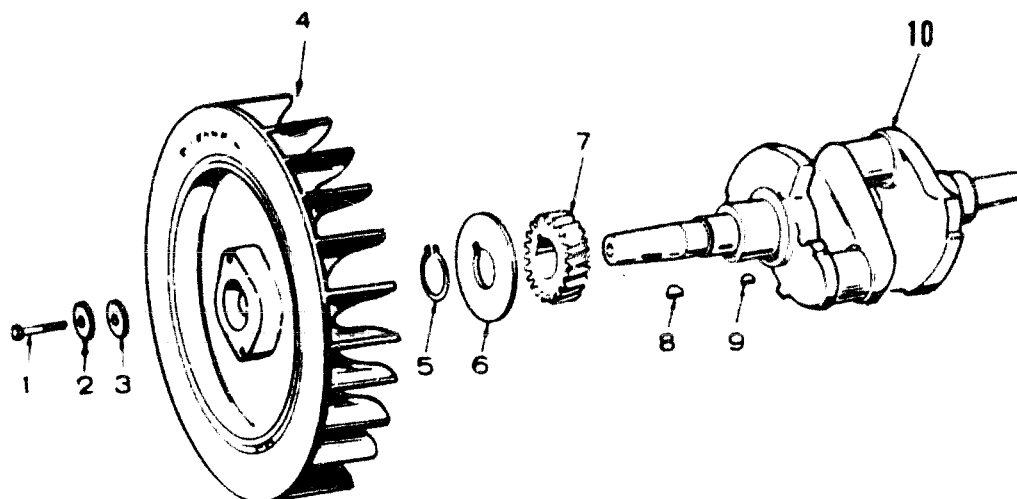
# Cylinder Block

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	110-3533	1	Block, Cylinder (Includes Parts Marked *)	37	110-3549	2	Head, Cylinder
2	517-0048	1	*Plug, Welch - Camshaft Opening (1-5/8")	38	110-0904	2	Cap, Roto - Valve
3	102-0455	5	*Screw, Cap - Hex Head (Special)		110-0904	4	Exhaust - NHE
4	104-0776	AR	*Shim, Crankshaft (.005")	39	526-0018	1	Intake/Exhaust - NHEL
5			Bearing, Crankshaft (Includes Thrust Washer)	42	526-0018	2	Washer, Flat (1/4" Screw)
	101-0450	1	* Standard				Washer, Flat - Copper (1/4" Screw)
	101-0450-02	1	.002" Undersize	43	517-0067	1	Plug, Core Hole
	101-0450-10	1	.010" Undersize	44	110-0893	2	Washer, Intake Valve - Spring Retainer (Special)
	101-0450-20	1	.020" Undersize				NHE
	101-0450-30	1	.030" Undersize	45			Kit, Gasket
6	104-0575	1	*Washer, Thrust (Special)		168-0190	1	Carbon Removal/Valve Grind
7	101-0782	1	*Gasket, Bearing Plate		168-0193	1	Engine, Complete
8	101-0439	1	*Plate, Bearing - Rear	46	120-0491	1	Pump, Oil (Components Not Sold Separately)
9	101-0405	2	*Bearing, Camshaft	47	120-0161	1	Gasket, Kit - Oil Pump
10	509-0041	1	Seal, Oil - Crankshaft Rear	48	850-0040	2	Washer, Lock - Spring (1/4")
11	516-0072	2	*Pin, Drive - Bearing Stop	49	800-0007	2	Screw, Cap - Hex Head (1/4-20 x 1")
12	120-0680	1	*Tube, Oil - Cylinder Block	50			Screw, Cap - Hex Head (3/8-24 x 1") Spec A
13			Insert, Valve Seat - Exhaust		801-0050	1	(3/8-24 x 7/8") Begin Spec
	110-1716	2	* Standard	51	801-0049	1	Washer, Flat - Copper (3/8" Screw)
	110-1716-02	2	.002" Oversize		526-0066	1	Spring, Bypass Valve
	110-1716-05	2	.005" Oversize	52	120-0140	1	Plunger, Bypass Valve
	110-1716-10	2	.010" Oversize	53	120-0398	1	Piston (Includes Pin and Retaining Rings)
	110-1716-25	2	.025" Oversize	54			Standard
14	110-3461	2	Insert, Valve Seat - Intake - Standard		112-0228	2	.005" Oversize
15	870-0257	1	Nut, Hex - Self-Locking		112-0228-05	2	.010" Oversize
			Governor Bracket (5/16-18)		112-0228-10	2	.020" Oversize
16			*Guide, Valve		112-0228-20	2	.030" Oversize
	110-3167	2	Exhaust	55	112-0069	2	Pin, Piston
	110-3168	2	Intake	56	518-0294	4	Ring, Retaining
17	110-0068	2	*Gasket, Intake Valve Guide	57			Kit, Ring - Piston
18	517-0103	1	*Plug, Vacuum Port		113-0203	2	Standard
19	850-0050	5	*Washer, Lock - Spring (3/8")		113-0203-05	2	.005" Oversize
20	516-0141	2	*Pin, Alignment - Gear Cover		113-0203-10	2	.010" Oversize
21	123-1175	1	Reed, Breather Valve		113-0203-20	2	.020" Oversize
22	123-1653	1	Pan, Breather		113-0203-30	2	.030" Oversize
23	123-1174	1	Spring, Breather Valve	58	114-0203	2	Rod, Connecting (Includes Bolt and Nut)
24	110-1624-01	1	Cover, Valve - RH	59	805-0010	4	Bolt, Place - Connecting Rod (Special)
25	123-1654	1	Cover, Breather	60	870-0302	4	Nut, Self-Locking (5/16-24)
26	110-3575	3	Gasket, Valve Cover	61			Bearing, Half - Connecting Rod
27			Tappet, Valve		114-0188	4	Standard
	115-0006	4	Standard		114-0188-02	4	.002" Undersize
	115-0006-02	4	.002" Oversize		114-0188-10	4	.010" Undersize
	115-0006-05	4	.005" Oversize		114-0188-20	4	.020" Undersize
28	110-1718	2	Valve, Intake		114-0188-30	4	.030" Undersize
29			Valve, Exhaust	62	800-0011	1	Screw, Cap - Hex Head (1/4-20 x 2")
	110-1719	2	Spec A	63			Filter, Breather Tube - Gasoline
	110-1761	2	Begin Spec C		123-1417	1	LP Liquid Models
30	800-0013	1	Screw, Cap - Hex Head (1/4-20 x 2-1/2")		123-1871	1	Gasoline Models
31	110-0539	4	Spring, Valve	64	800-0590	20	Screw, Cap - Hex Head - GR8 Special (3/8-15 x 2.1)
32	110-0639	8	Lock, Valve Spring				
33	110-3604	2	Seal, Oil - Intake Valve				
34	803-0071	2	Screw, Socket - Set (3/8-16 x 5/8")				
35			Bearing, Sleeve - Flanged				
	101-0432	1	* Standard				
	101-0432-02	1	.002" Undersize				
	101-0432-10	1	.010" Undersize				
	101-0432-20	1	.020" Undersize				
	101-0432-30	1	.030" Undersize				
36	110-2987	2	Gasket, Cylinder Head - Graphoil				

\* - Parts Included in 110-3533 Cylinder Block.

5600-000  
5600-001  
5610-000

## Crankshaft And Flywheel



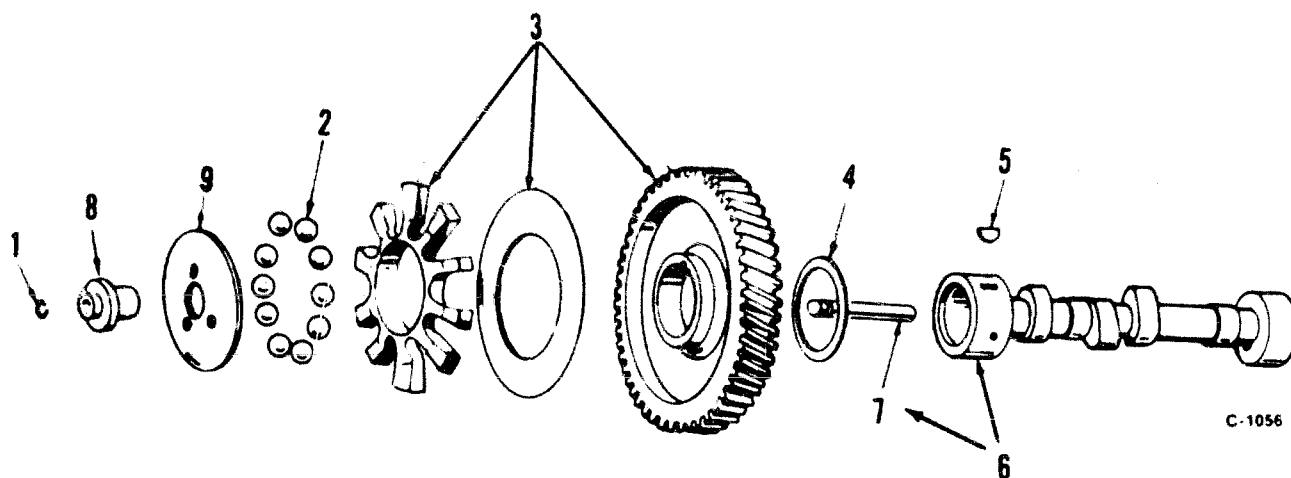
CT-1084

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)	6	104-0043	1	Washer, Gear
2	526-0356	1	Washer, Flat (7/16")	7	104-0032	1	Gear, Crankshaft
3	526-0017	1	Washer, Flat (7/16" Screw)	8	515-0227	1	Kit, Key - Blower Wheel
4	134-4342	1	Flywheel, (Blower)	9	515-0001	1	Key, Crankshaft Gear
5	518-0014	1	Ring, Retaining	10	104-1584	1	Crankshaft



5600-0006  
5600-0025  
5610-0003  
5610-0019

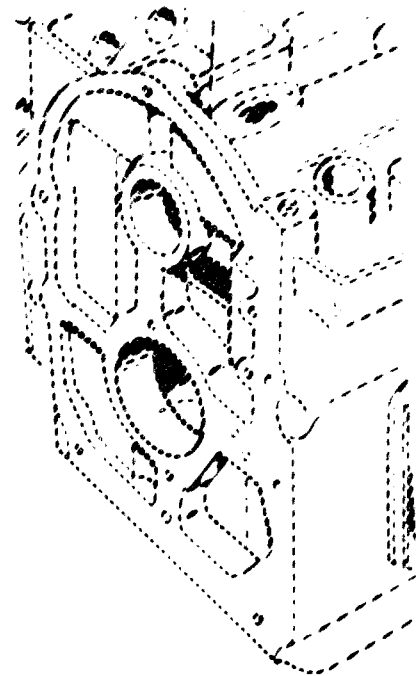
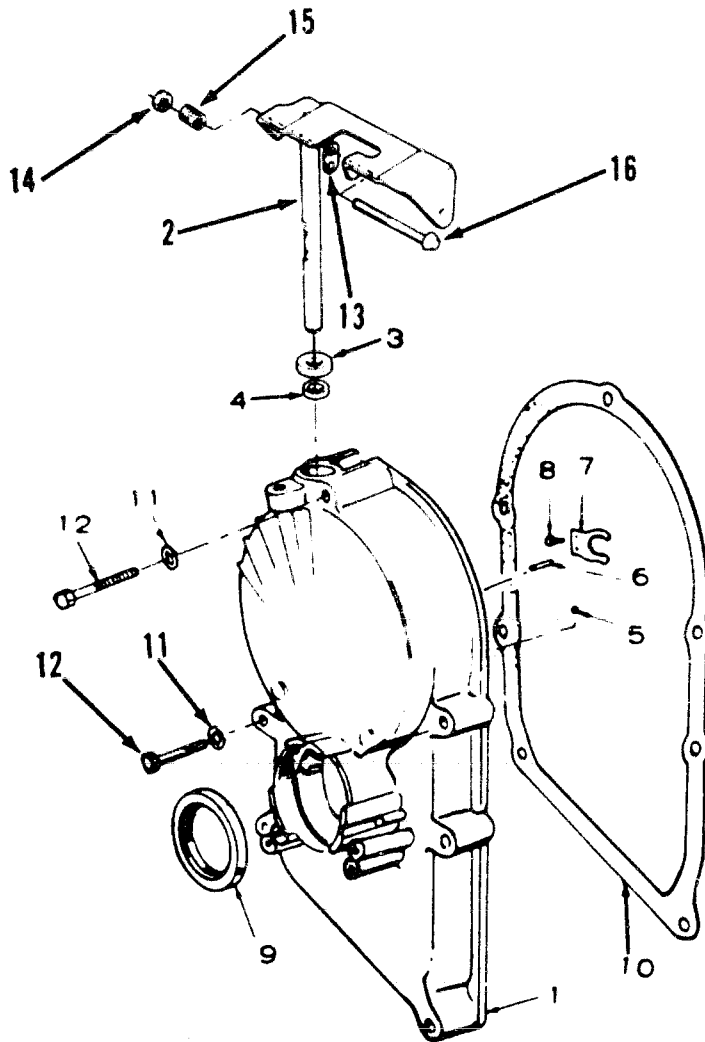
# Camshaft



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	150-0078	1	Ring, Retaining	5	515-0001	1	Key, Woodruff
2	510-0015	10	Ball, Governor	6	105-0638	1	Camshaft (Includes Center Pin)
3	105-0332	1	Gear, Camshaft (Includes Flyball Plate And Spacer)	7	150-0075	1	Pin, Center - Camshaft
4	105-0541	1	Washer, Thrust	8	150-1519	1	Hub, Governor Cup
				9	150-1520	1	Cup And Bushing, Governor

# Gearcase

5600-0005



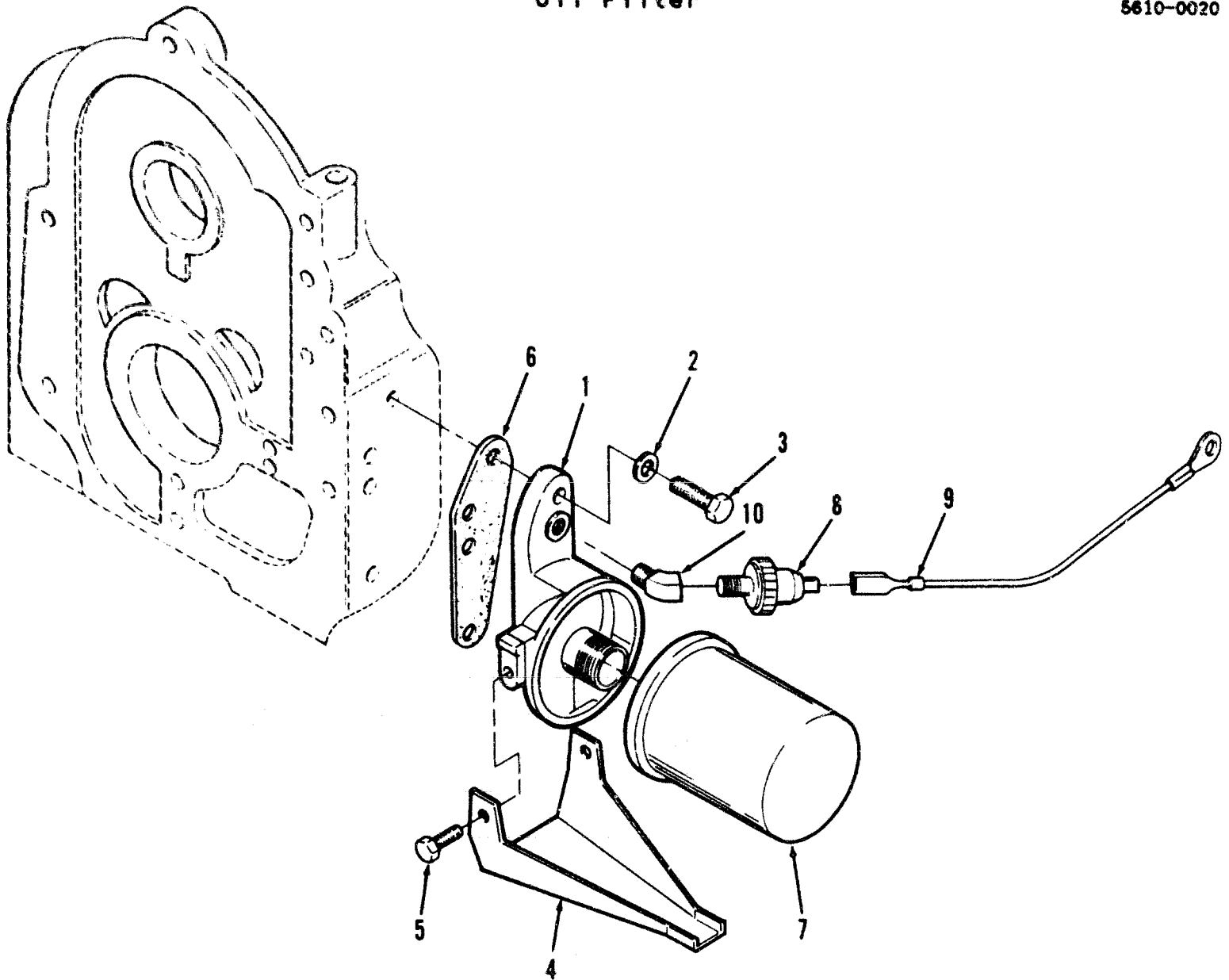
FS-1596

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	103-0772	1	Gearcase(Kit) (Includes Parts Marked*)	10	103-0810	1	Gasket, Gearcase Mounting
2	150-2002	1	*Arm And Shaft, Governor	11	526-0065	5	Washer, Flat - Copper (5/16" Screw)
3	509-0008	1	*Seal, Oil - Governor Shaft	12			Screw, Cap - Hex Head (Special)
4	510-0013	1	*Bearing, Needle		114-0022	4	1-3/4" Long
5	510-0014	1	*Ball, Bearing		800-0545	1	2-3/4" Long
6	516-0130	1	*Pin, Dowel - Governor Cup Stop	13	150-1998	1	*Link, Governor Spring
7	150-1187	1	*Yoke, Governor	14	870-0328	1	*Nut, Self-Lock (10-32")
8	815-C046	2	*Screw, Machine - Pan Head (8-32 x 3/8")	15	141-0710	1	*Spring, Idle Needle
9	509-0040	1	*Seal, Oil - Crankshaft	16	820-1077	1	*Screw, Pan Head (10-32x2-1/2")

\* - Parts Included In 103-0772 Gearcase.

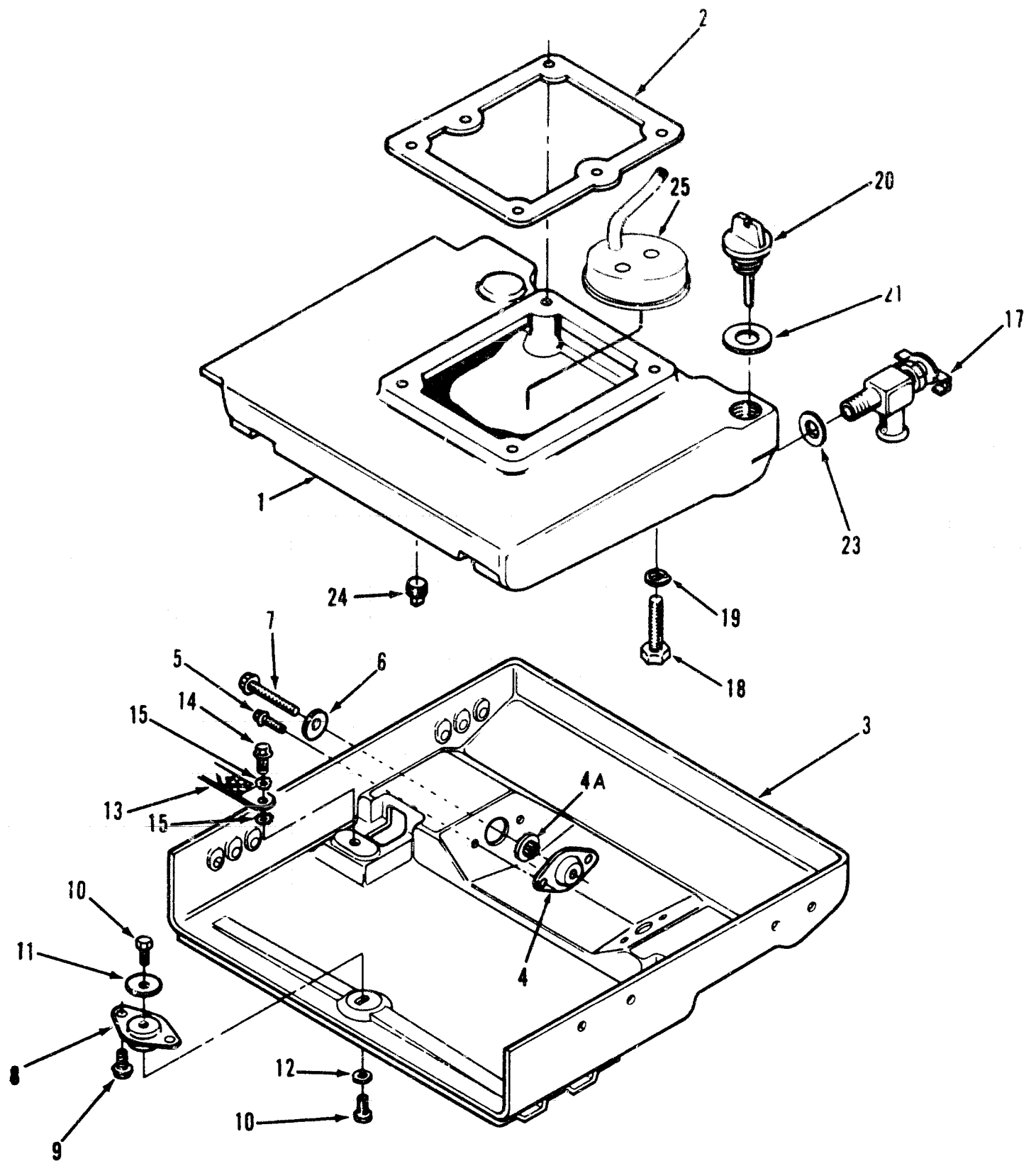
# Oil Filter

5610-0014  
5610-0020



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	122-0320	1	Adapter, Oil Filter	5	815-0194	2	Screw, Cap - Hex Head W/ET (#10-32 x 3/8")
2	526-0065	2	Washer, Flat - Copper (5/16" Screw)	6	122-0771	1	Gasket, Oil Filter Adapter
3	800-0028	2	Screw, Cap - Hex Head (5/16-18 x 1")	7	122-0445	1	Filter, Oil - Spin-On
4	122-0352	1	Drain, Oil Filter	8	309-0322	1	Switch, Low Oil Pressure
				9	226-2980	1	Lead, Low Oil Pressure Switch
				10	502-0053	1	Elbow, Street - 45° - Spec A

## Oil Base And Mounting Hardware

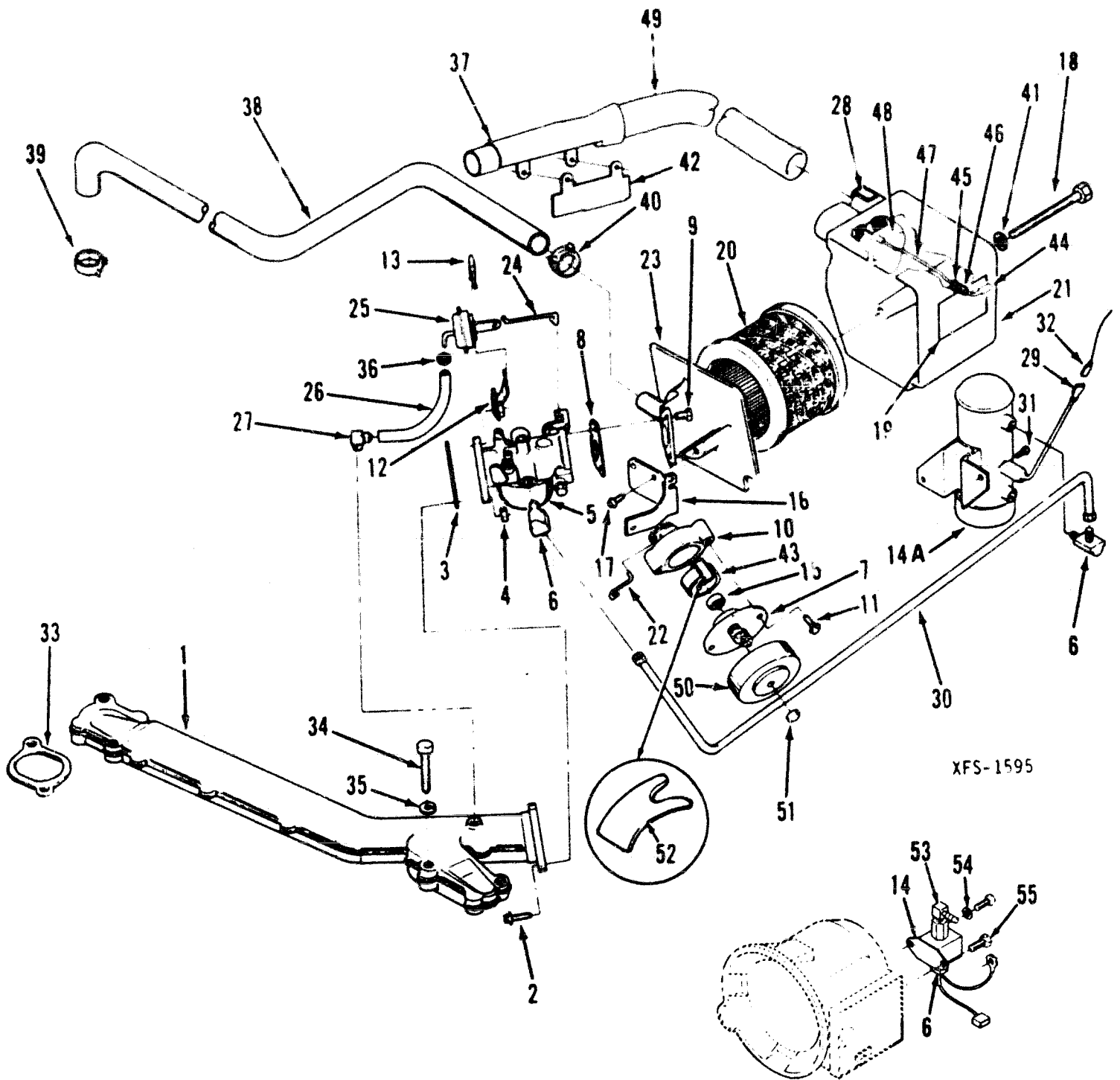


## Oil Base and Mounting Hardware

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	102-1242	1	Base, Oil	12	526-0124	1	Washer, Flat
	102-1286	1	Models Before 6/85				Above Floor Models
			Models Begin 6/85 - Begin Spec C		526-0240	1	(3/8" Screw)
2	102-1387	1	Gasket, Oil Base				Below Floor Models
3	403-2218	1	Pan, Drip	13	337-2311	1	(3/8" Screw)
	403-2332	1	Above Floor Models				Strap, Ground (Mounts Scroll Assembly To Drip Pan)
4			Below Floor Models	14	821-0014	1	Screw, Hex Washer Head
			Isolator, Vibration - Generator End				(5/16-18 x 1/2")
	402-0597	2	Voltage Code FA	15	856-0008	2	Washer, Lock EIT (5/16")
	402-0602	2	Voltage Code FJ - Begin Spec C	17	504-0150	1	Valve, Shut-Off - Oil Base
4A	402-0547	2	Snubber				Rear Drain, (Above Floor Model)
5	821-0010	4	Screw, Hex Washer Head - Self-Locking (1/4-20 x 1/2")	18	800-0058	4	Screw, Cap - Hex Head
6	526-0325	2	Washer, Flat (3/8" Screw)				(3/8-16 x 3")
7			Screw, Hex Head - Thread Form (Special)	19	850-0050	4	Washer, Lock (3/8")
	815-0598	2	Use With Round Hole Drip Pan	20	123-1625	1	Cap, Oil Fill
	815-0657	2	Use With Elliptical Hole Drip Pan	21	509-0096	1	O-Ring, Oil Fill Cap
8	402-0549	1	Isolator, Vibration - Engine End	23	102-0743	1	Gasket, Oil Drain
9			Screw, Hex Washer Head - Self Locking	24	102-0938	1	Plug, Oil Drain
	821-0016	2	NHE (5/16-18 x 3/4")				Rear Drain, Bottom Drain
	821-0021	2	NHEL (5/16-18 x 1")		505-0110	1	Oil Base - (1/2")
10	821-0031	2	Screw, Hex Washer Head - Self Locking (3/8-16 x 3/4")		505-0266	1	Square Head, Bottom Drain
11	526-0324	1	Washer, Flat (5/16" Screw)				Oil Base - (3/8")
				25	123-1616	1	Square Head, Countersunk
							(3/8" Pipe) - Begin Model 6/85
							Cup, Oil Pump Intake
							(Includes Pipe and Cup)

5620-0063

# Fuel System (Gasoline)



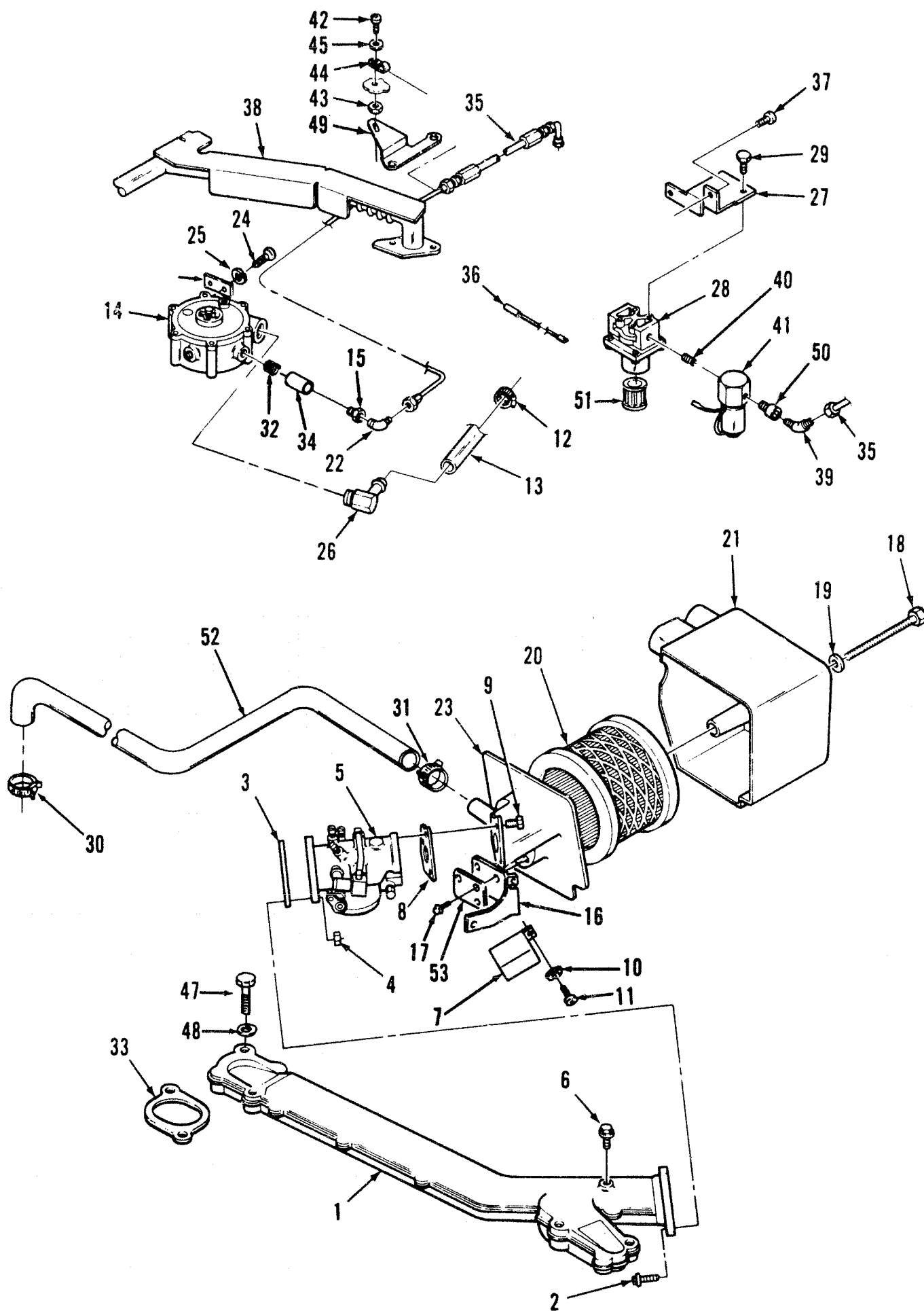
# **Fuel System (Gasoline)**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	154-2524	1	Manifold, Intake	29	332-2431	1	Terminal, Fuel Pump Lead (.225")
2	815-0587	2	Screw, Hex Washer Head (Special)	30			Line, Fuel (Includes 2 Inverted Nuts)
3	141-0950	1	Gasket, Carburetor Mounting		149-2022	1	Units Manufactured 6/86 Through 12/86 - Begin Spec C
4	862-0015	1	Nut, Hex (5/16-18)		149-2083	1	All Others
5	146-0456	1	Carburetor (Includes Mounting Gasket) (See Separate Page for Components - Could also be a Facet Carb.)	31			Screw
6			Elbow, Inverted Male		815-0370	2	Hex Head (1/4-20 x 1/2") Spec A
	502-0002	1	Units Manufactured 6/86 Through 12/86		815-0664	2	Pan Head (1/4-20 x 3/8") Begin Spec C
	502-0002	2	All Others	32	332-2572	1	Terminal, Fuel Pump Lead (.250 Recep)
7	153-0555	1	Element And Cover, Choke	33	154-2219	2	Gasket, Intake Manifold
8	140-2308	1	Gasket, Air Horn	34	800-0055	4	Screw, Cap - Hex Head (3/8-16x2-1/4")
9	815-0590	3	Screw, Hex Head (Special)	35	526-0251	4	Washer, Flat (3/8")
10	153-0556	1	Housing, Choke (Includes Choke Shaft) (Includes Parts Marked *)	36	503-1345	1	Clamp, Hose (.375" Diameter)
	153-0563	1	*Housing, Choke	37	140-2378	1	Adapter, Preheater
	153-0571	1	*Washer, Insulating - Choke	38	123-1615	1	Tube, Breather
	518-0387	1	*Ring, Retainer	39	503-0183	1	Clamp, Hose - Breather Tube (9/16 to 1-1/16")
	153-0567	1	*Shaft, Choke Housing	40	503-1133	1	Clamp, Hose - Breather Tube (Fits Hose OD .875")
11	815-0592	2	Screw, Hex Washer Head (Special)	41	526-0018	1	Washer, Flat (1/4" Screw)
12	153-0561	1	Bracket, Diaphragm Mounting	42	140-2021	1	Baffle, Preheater (Mounts Between Preheater Adapter & Intake Manifold)
13	518-0450	1	Clip, U - Diaphragm Mounting Bracket	43	153-0578	1	Tube, Choke Housing
14	149-2110	1	Pump, Fuel - Electric	44	517-0223	1	Cap, Vinyl
			Units Manufactured 6/86 Through 12/86	45	526-0002	1	Washer, Flat (#6 Screw)
14A			Pump, Fuel - Electric	46	120-0140	1	Spring, By-pass
			(Includes Mounting Bracket)	47	145-0562	1	Rod, Air Inlet
	149-1994	1	Spec A	48	145-0561	1	Cover, Air Inlet
	149-2110	1	Begin Spec C	49	503-1351	1	Hose, Preheater
15	153-0554	1	Bi-Metal, Choke	50	153-0579	1	Cover, Choke Housing
16	153-0557	1	Bracket, Housing Mounting	51	870-0421	1	Nut, Cap (6-32)
17	815-0591	2	Screw, Hex Washer Head (Special)	52	518-0466	1	Clip (Fits Between Choke Housing And Choke Housing Tube)
18	800-0017	1	Screw, Cap - Hex Head (1/4-20x3-1/2")	53	502-0313	2	Elbow, 90° (1/8 NPT x 1/4" I (Not Shown)
19	98-5335	1	Label, Preheat	54	856-0006	2	Washer, Lock (EIT 1/4")
20	140-1891	1	Element, Air Cleaner	55	821-0009	2	Screw, Hex Washer Head Self-Lock (1/4-20 x 3/8")
21	140-1894	1	Housing, Air Cleaner		502-0313	1	Elbow, 90° (1/8 NPT x 1/4" ID) (Not Shown)
22	153-0558	1	Linkage, Choke				
23	140-1889	1	Adapter, Air Cleaner				
24	153-0577	1	Linkage, Pull-off				
25	153-0576	1	Pull-off Assembly, Choke				
26	503-1252	1	Hose, Vacuum (3/16" ID x 3" Long)				
27	502-0871	1	Fitting, Vacuum - Intake Manifold To Vacuum Hose				
28	518-0459	1	Clip, Preheater Hose				

\* - Parts Included In 153-0556 Choke Housing Assembl

5610-0021

# Fuel System (LP)

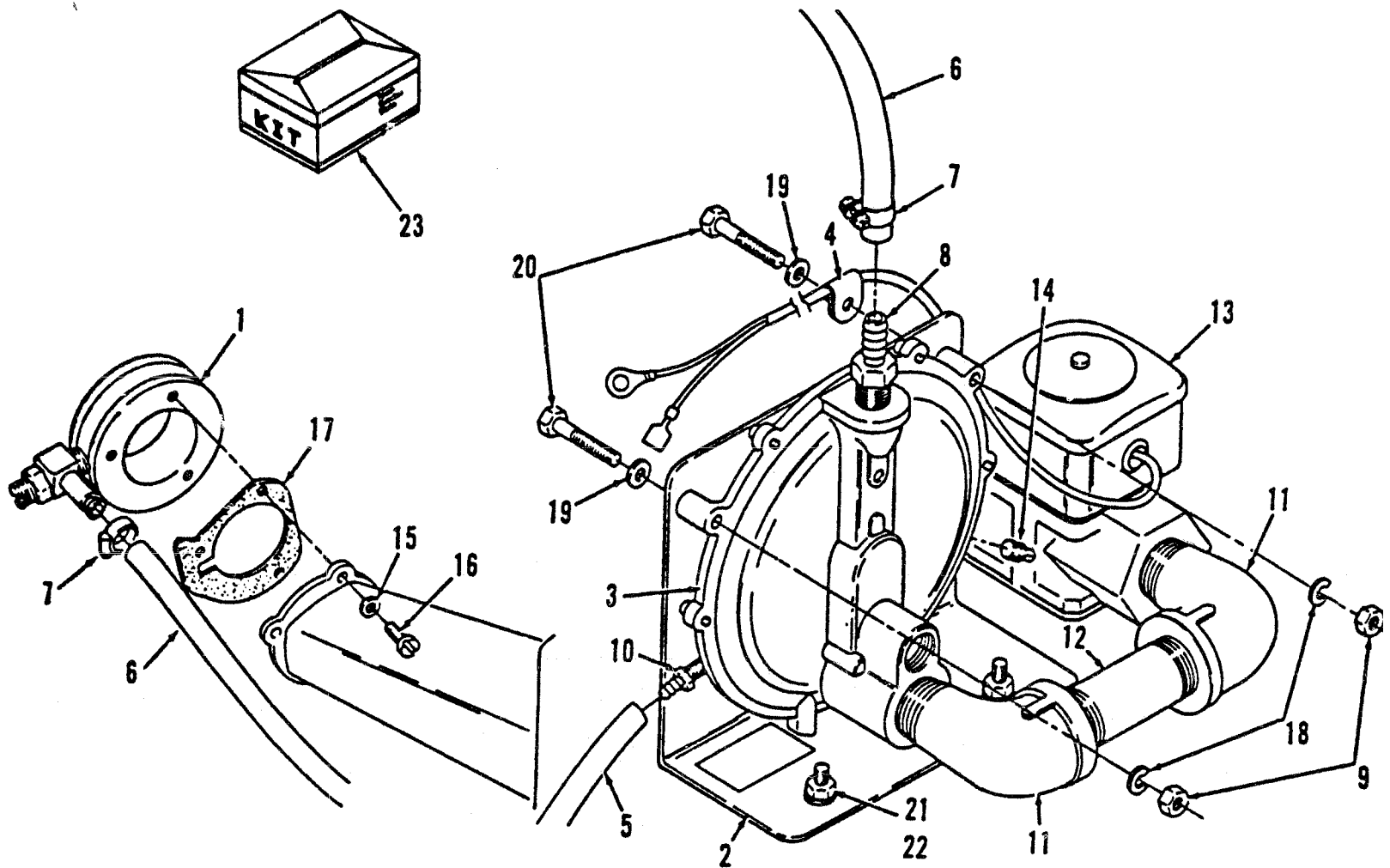




## Fuel System (LP)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	154-2524	1	Manifold, Intake	29	815-0370	2	Screw, Cap - Hex Head - Threa
2	815-0587	2	Screw, Hex Washer Head (Special)	30	503-0183	1	Form (1/4-20x1/2")
3	141-0281	1	Gasket, Carburetor Mounting	31	503-1133	1	Clamp, Hose - Breather Tube (9/16 to 1-1/16")
4	862-0015	2	Nut, Hex (5/16-18)	32	148-0899	1	Clamp, Hose - Breather Tube (.900 Diameter)
5	141-0933	1	Carburetor (See Separate Page For Components)	33	154-1483	1	Spring, Adapter (3/8")
6	505-0274	1	Plug, Pipe - Hex (1/8")	34	148-0900	2	Gasket, Intake Manifold
7	307-1886	1	Relay, Ignition	35		1	Spacer, Adapter (3/8")
8	140-2308	1	Gasket, Air Horn		501-0497	1	1-1/4" Long
9	815-0590	3	Screw, Cap - Hex Head (Special)		501-0512	1	Line, LP
10	526-0008	1	Washer, Flat (#10 Screw) - Spec A		501-0525	1	13.5" Long
11	815-0531	1	Screw Hex Washer Head (Special) Spec A	36	336-9679	1	15" Long
	821-0005	1	Lock Head - Flanged (#10-32 x 1/2") - Begin Spec C	37	815-0261	1	17.25" Long
12	503-0183	2	Clamp, Hose (9/16 to 1-1/16")	38	154-2638	1	Lead, Filter Mounting Bracke
13	503-1365	1	Hose, Fuel (7-1/2" Long)	39		2	Screw, Hex Washer Head (1/4-20x1/2")
14	148-0893	1	Regulator		502-0965-01	1	Manifold, Exhaust (Includes Heat Shield And Fuel Line)
15	502-0927-01	1	Bushing, Reducer (3/8 To 1/4")		502-0054	1	Elbow
	502-0931-02	1	Adapter (3/8")	40	502-0929-01	1	Reducing, 45° - Bottom Outlet - Exhaust Manifold
16	153-0557	1	Bracket, Housing Mounting	41	307-2501	1	Male, 90° - Front Outlet - Exhaust Manifold
17	815-0591	2	Screw, Hex Washer Head (Special)	42	815-0176	1	Nipple, Close - Bottom Outle Exhaust Manifold
18	800-0017	1	Screw, Cap - Hex Head (1/4-20x3-1/2")	43	870-0221	1	Valve, Fuel Shut-off - Bottc
19	526-0018	1	Washer, Flat (1/4" Screw)	44	503-1190	1	* Outlet - Exhaust Manifold
20	140-1891	1	Element, Air Cleaner	45	526-0003	1	Screw, Hex Head - Machine (8-32x.50)
21	140-1894	1	Housing, Air Cleaner	46	148-0897	1	Nut, Hex (8-32)
22	502-0838	1	Elbow, Reducing - 90° 7/16 To 1/4"	47	800-0055	4	Clamp, Hose
	502-0923-02	1	7/16 To 3/8"	48	526-0251	1	Washer, Flat (#8 Screw)
23	140-1889	1	Adapter, Air Cleaner	49	149-2038-01	1	Washer, Regulator Mounting
24	815-0647	2	Screw, Hex Washer Head (1/4-20x5/8")	50	502-0949-01	1	Screw, Cap - Hex Head (3/8-16x2-1/4")
25	850-0040	2	Washer, Lock (1/4")	51	148-0898	1	Washer, Flat (3/8")
26	502-0935	1	Elbow, 90°	52	123-1615	1	Bracket, Fuel Line - LP Liq
27	148-0896	1	Bracket, Filter Mounting	53	307-2559-01	1	Connector, Male
	148-0903	1	Bottom Outlet Exhaust			1	Element, Fuel Filter
28	148-0890	1	Filter, LPG (Includes Element and O-Rings)			1	Tube, Breather
						1	Bracket, Relay - Begin Spec - Zinc Plated

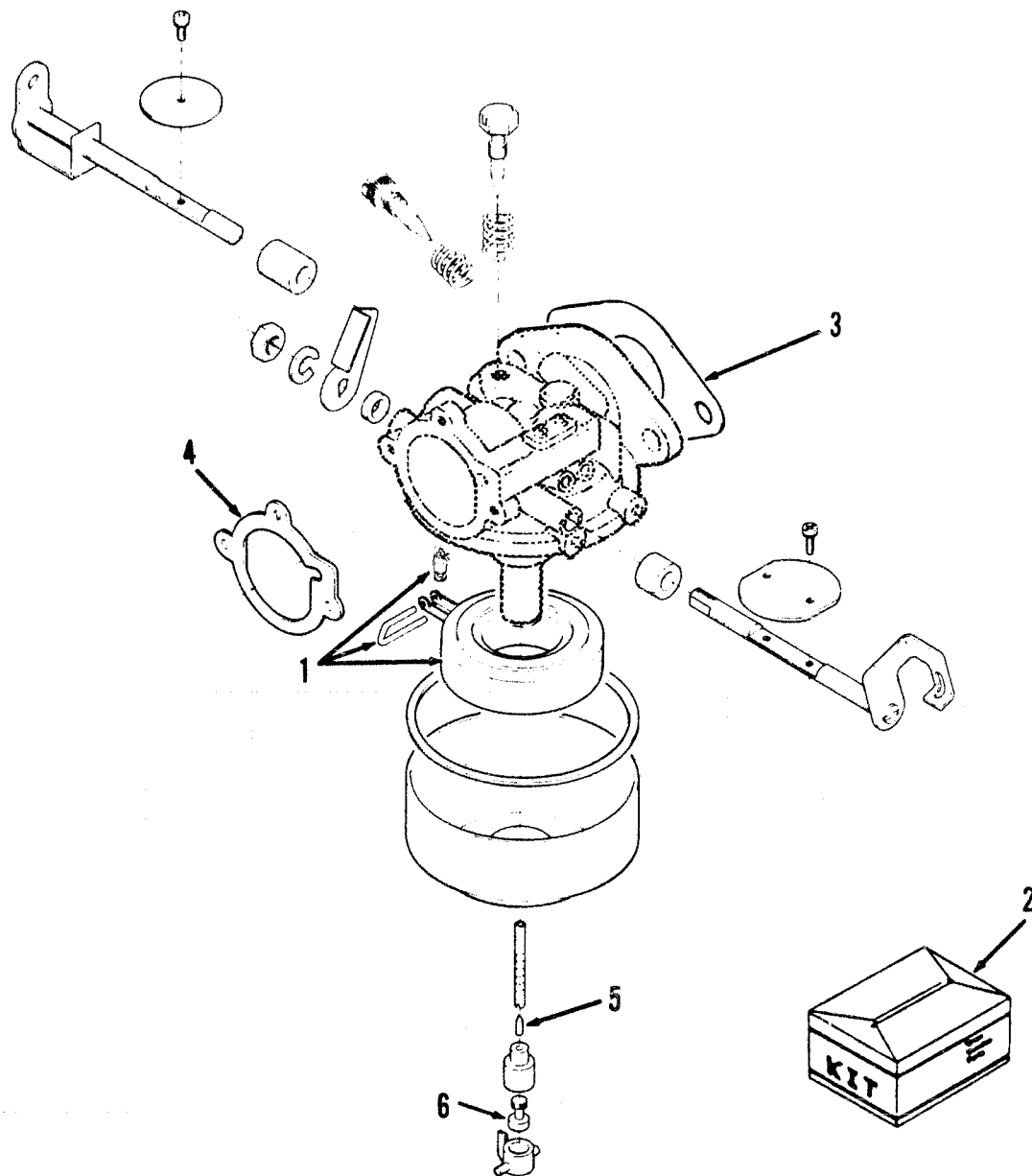
# LPG (Low Pressure) Fuel System Field Conversion



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	148-0912	1	Adapter, Carburetor	15	854-0010	3	Washer, Lock - IT (#10)
2	148-0843	1	Bracket, Gas Regulator	16	813-0117	3	Screw, Round Head - Machine (10-32 x 1-5/8")
3	148-0311	1	Regulator, Gas	17	140-2308	2	Gasket, Air Intake Adapter
4	518-0350	1	Clamp, Insulated (1/4" OD)	18	850-0040	2	Washer, Lock (1/4")
5	503-1016	1	Hose, Oil (Vent) 12" Long	19	526-0018	2	Washer, Flat (1/4" Screw)
6	503-1048	1	Hose, Fuel - 30" Long	20	800-0008	2	Screw, Cap - Hex Head (1/4-20 x 1-1/4")
7	503-0032	2	Clamp, Hose (#4)	21	800-0028	2	Screw, Cap - Hex Head (5/16-18 x 1")
8	502-0238	1	Connector, Hose	22	870-0257	2	Nut, Hex - Self Lock (5/16-18)
9	862-0001	2	Nut, Hex (1/4-20)	23	148-0913	1	Kit, Conversion - LP
10	502-0395	1	Connector, Hose				
11	505-0051	2	Elbow, Street - 90°				
12	505-0332	1	Nipple, Pipe (3/4 x 3.00 Lg)				
13	307-1881	1	Solenoid and Terminal				
14	505-0057	1	Plug, Square Head				

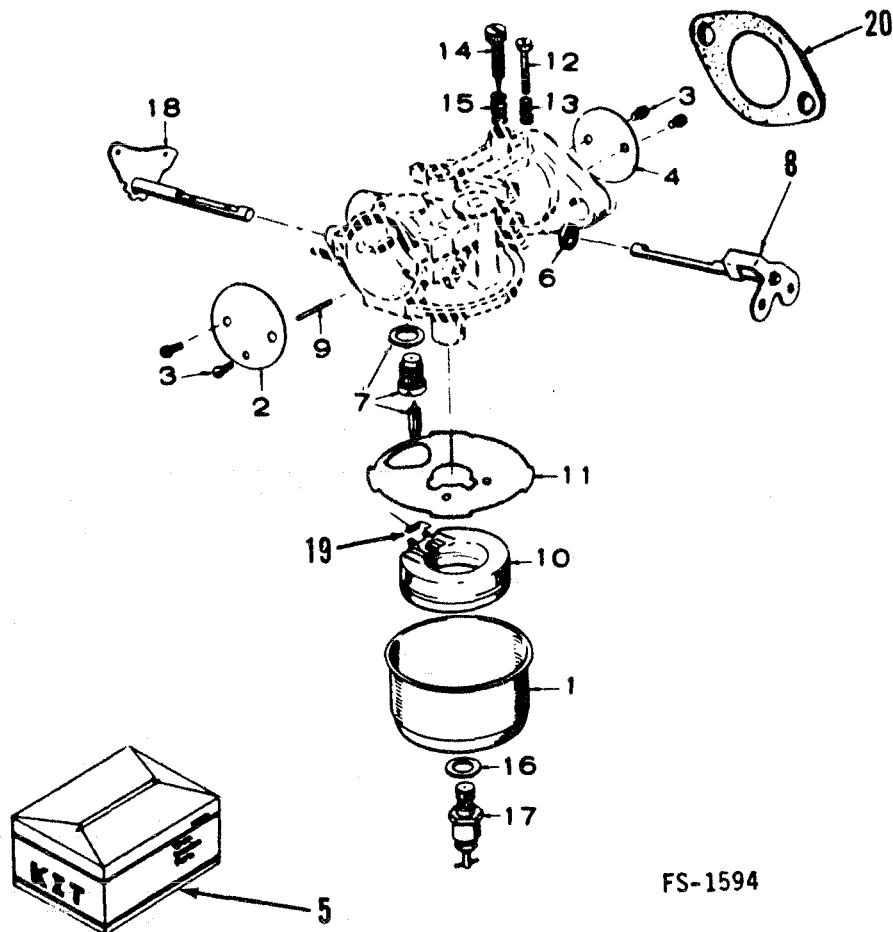


# **Carburetor Components (Gasoline)** **Nikki**



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	146-0456	1	Carburetor, Complete (Includes Mounting Gaskets)	3	141-0281	1	Gasket, Carburetor Mounting
1	146-0453	1	Float Kit (Includes Float, Pin and Valve)	4	140-2308	1	Gasket, Air Horn
2	146-0457	1	Kit, Repair (Includes Gasket Package, Float Valve, Idle Adjust Needle And Spring, Mounting Gaskets, Adjust Limit Caps, Throttle Stop Screw And Spring)	5	146-0451	1	Jet, Idle
				6	146-0452	1	Jet, Power

# **Carburetor Components (Gasoline) (Spec A) Facet**

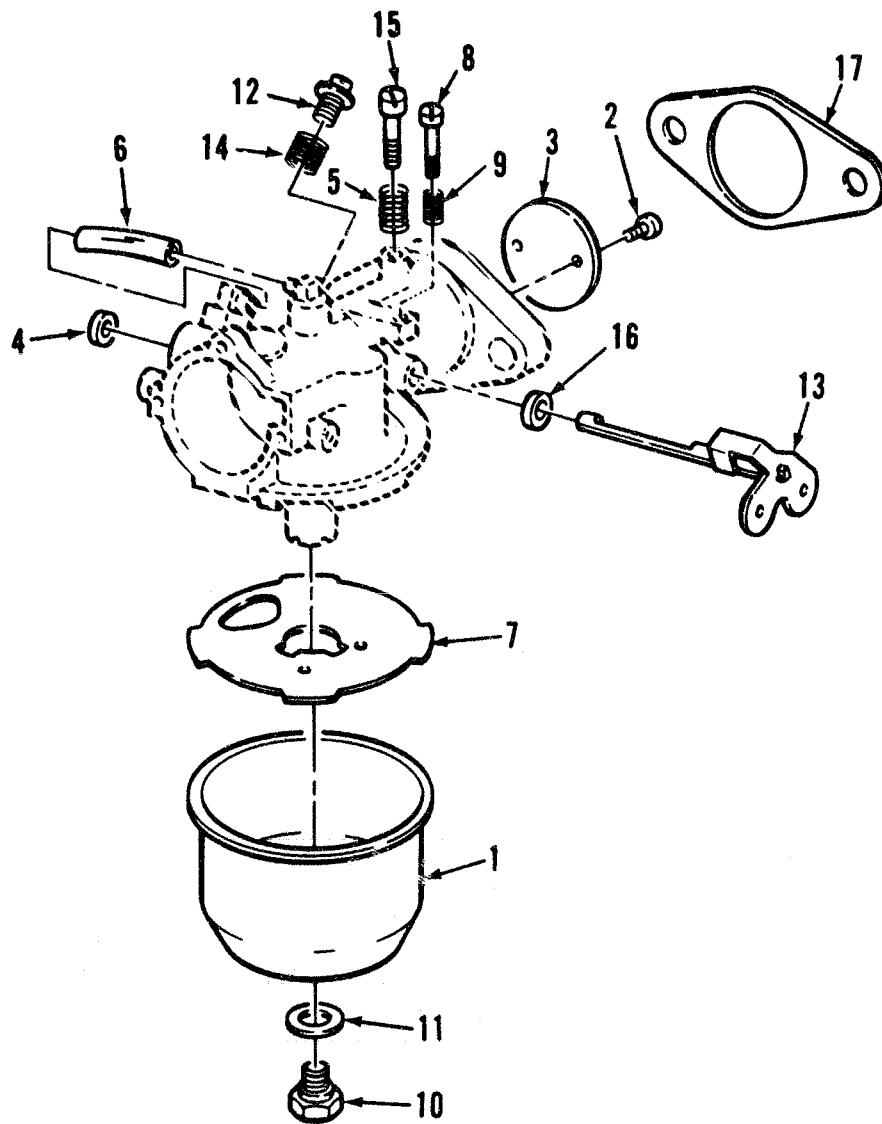


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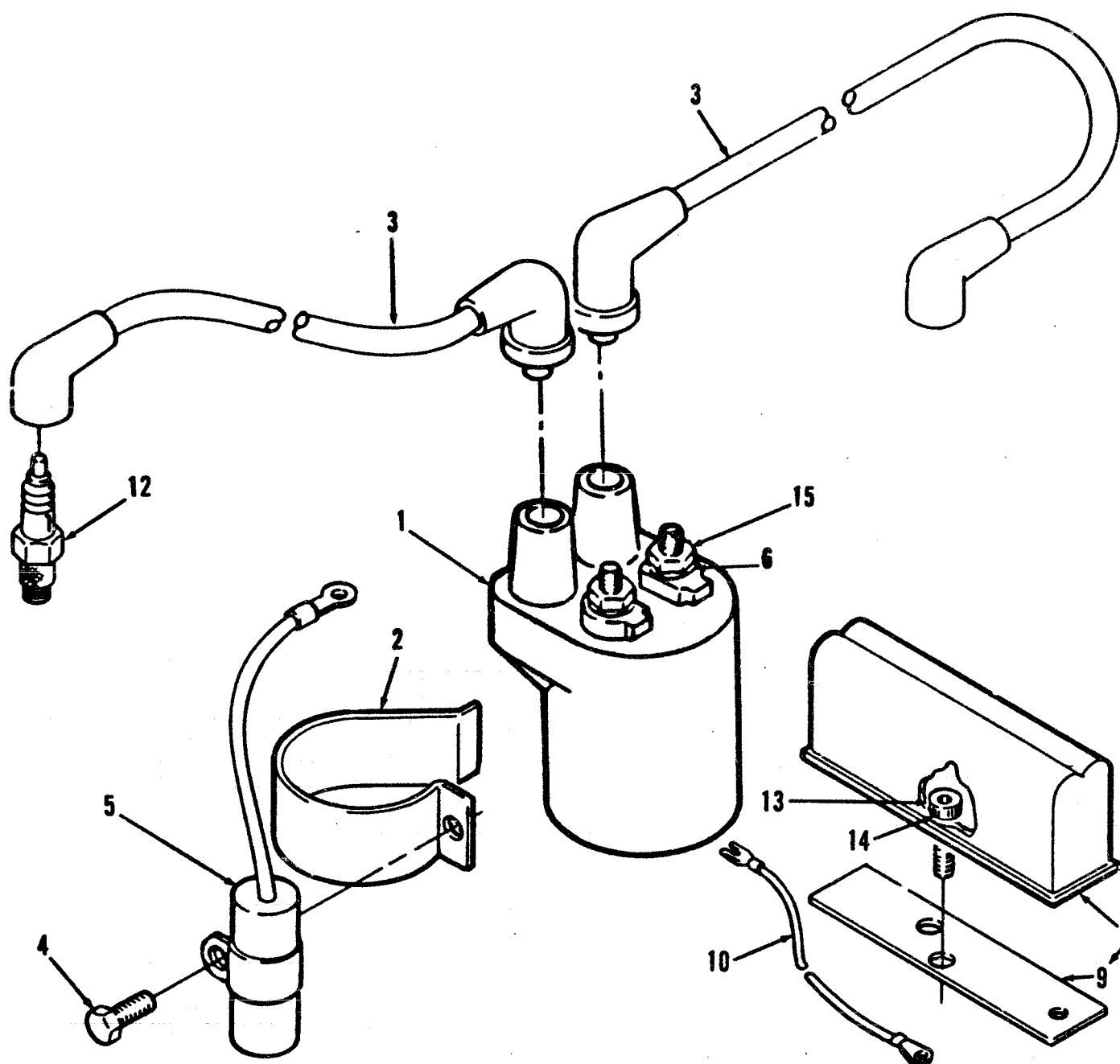
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
		1	Carburetor, Complete Gasoline - Electric Choke (Order 146-0456)	8	141-0920	1	Shaft, Throttle
1	141-0708	1	Bowl, Fuel	9	141-0703	1	*Shaft, Float Pivot
2	141-0741	1	Plate, Choke	10	141-0702	1	Float, Carburetor
3	141-0698	4	Screw, Round Head With Washer	11	141-0701	1	*Gasket, Bowl
4	141-0919	1	Plate, Throttle	12	141-0700	1	Screw, Throttle Stop
5			Kit	13	141-0711	1	Spring, Throttle Stop
	141-0927	1	Carburetor Repair (Includes Parts Marked*)	14	141-0713	1	*Needle, Idle Adjusting
	141-0928	1	Gasket (Includes Parts Marked#)	15	141-0710	1	Spring, Idle Adjusting Needle
6	141-0924	1	*Seal, Rubber	16	141-0077	1	*Washer, Main Jet
7	141-0923	1	*Seal Assembly, Fuel Valve	17	141-0942	1	Jet, Main (Adjustable) (Includes Packing)
				18	141-0921	1	Shaft, Choke
				19	141-0799	1	*Spring, Fuel Float
				20	141-0281	1	*Gasket, Carburetor Flange

\* - Included In Repair Kit 141-0927.  
# - Included In Gasket Kit 141-0928.

## Carburetor Components (LP)



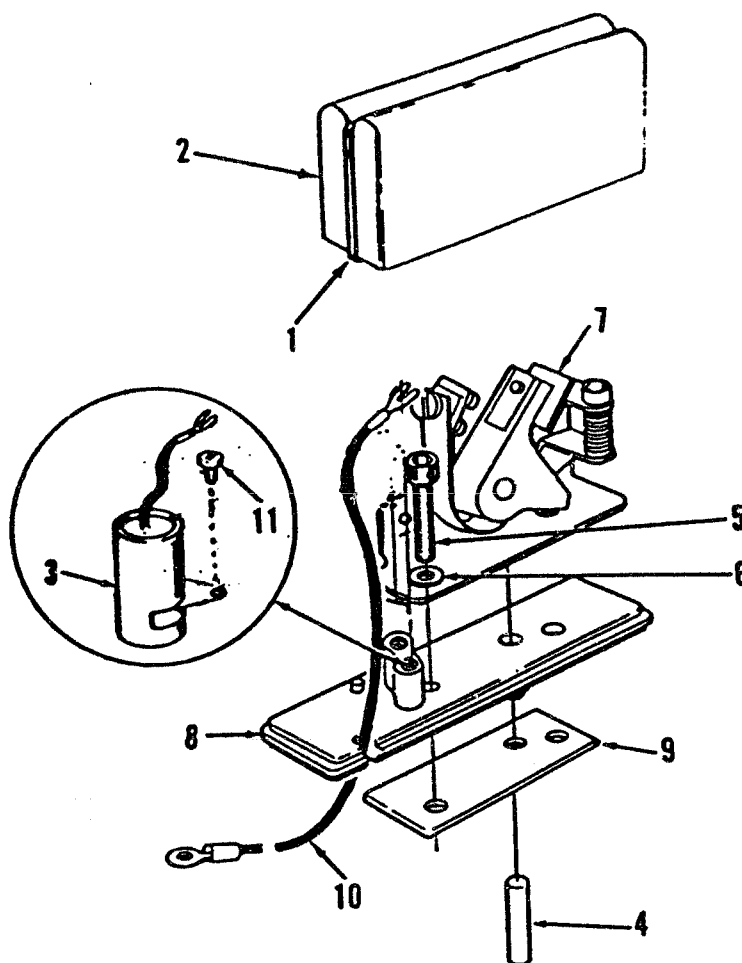
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	141-0933	1	Carburetor, Complete	9	141-0711	1	Spring, Throttle Stop
1	141-0708	1	Bowl, Fuel	10	141-0736	1	Plug, Bowl
2	141-0698	2	Screw, Round Head With Washer	11	141-0077	1	Washer, Bowl Plug
3	141-0919	1	Plate, Throttle	12	141-0934	1	Screw, Main Jet - Adjust
4	141-0940	1	Seal, Dust	13	141-0936	1	Lever, Throttle Shaft
5	141-0935	1	Spring, Idle Needle	14	141-0939	1	Spring, Main Jet Screw
6	141-0938	1	Tube, Idle (Rubber)	15	141-0937	1	Needle, Idle Adjust
7	141-0701	1	Gasket, Bowl	16	141-0924	1	Seal, Rubber
8	141-0700	1	Screw, Throttle Stop	17	141-0281	1	Gasket, Carburetor Flange



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	166-0772	1	Coil, Ignition (Includes Nuts And Washers)	8	160-1325	1	Box, Breaker (See Separate Page For Components)
2	166-0747	1	Clamp, Coil				(Includes Mounting Gasket
3		1	Cable, Spark Plug	9	160-1368	1	Gasket, Breaker Box Mounti
	167-1615-01	1	9" Long	10	336-2378	1	Lead, Coil to Breaker Box Mounting
	167-1602	1	26" Long				
4	815-0261	1	Screw, Hex Washer Head - Thd. Cutting (1/4-20 x 1/2")	12	167-0263-01	2	Plug, Spark
5	312-0249	1	Condenser, Ignition	13	802-0034	2	Screw, Cap - Socket Head (1/4-20 x 3/4")
6	850-2005	2	Washer, Lock (8 MM)	14	850-0038	2	Washer, Lock - Spring (1/4
				15	166-0554	2	Nut, Hex (8 MM)

# Breaker Box

5600-0015



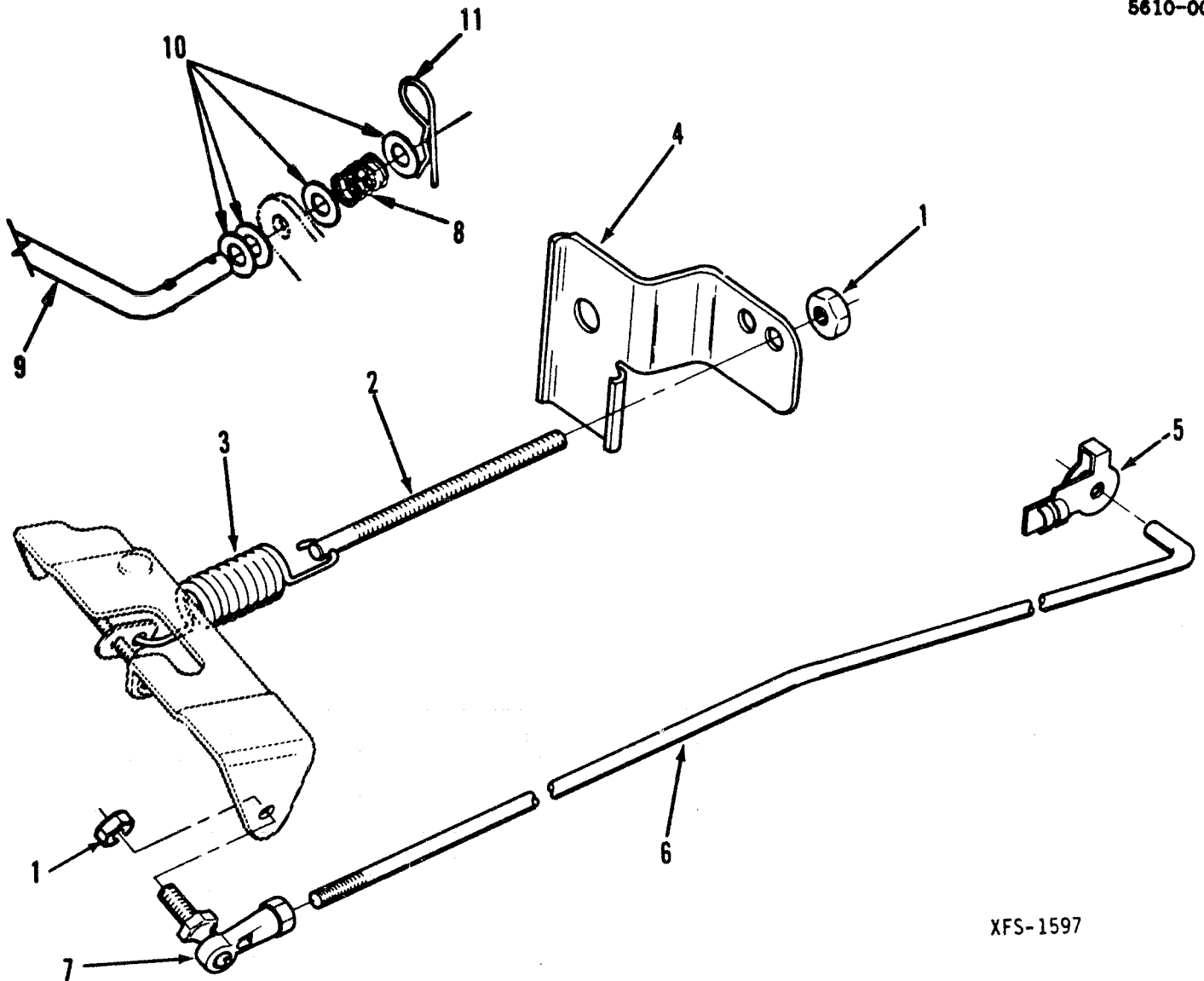
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	160-1325	1	Box, Breaker Complete (Includes Parts Marked *)	5	802-0034	2	*Screw, Cap - Socket Head (1/4-20 x 3/4")
1	160-1317	1	*Clip, Breaker Box Cover	6	850-0038	2	*Washer, Lock - Spring (1/4")
2	160-1316	1	*Cover, Breaker Box	7	160-1183	1	*Point, Breaker
3			Condenser, Ignition	8	160-1314	1	*Base, Breaker Box
	312-0246	1	Use Prior to 9/87 - Mounts Inside Breaker Box	9	160-1368	1	*Gasket, Breaker Box
	312-0256	1	Use After 9/87 - Mounts Remote, Attached to Generator Adapter	10	336-2378	1	Lead, Breaker Box To Coil
4	160-1151	1	Plunger, Breaker Points	11	815-0358	1	Screw, Hex Head - Slotted Thread Form (#8-32 x 5/16") Use Prior to 9/87

\* - Parts Included In 160-1325 Breaker Box.



# Governor

5610-0003  
5610-0013  
5610-0018

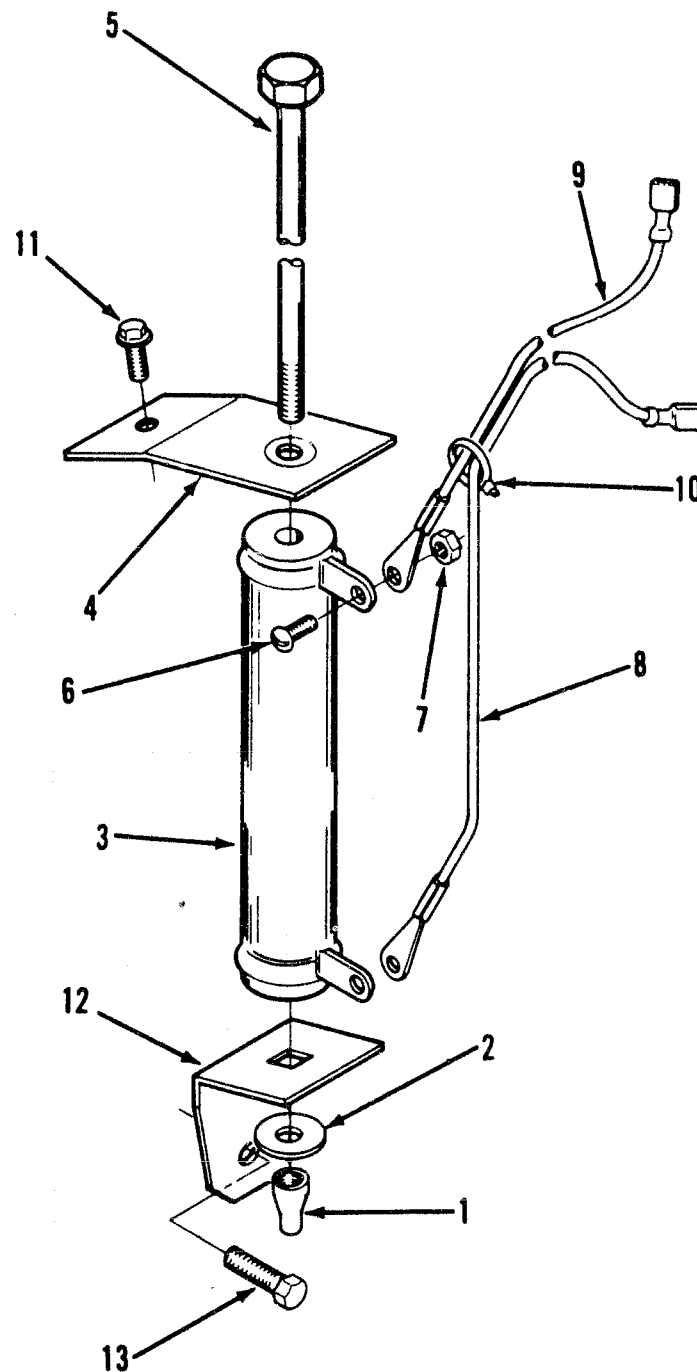


XFS-1597

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	870-0131	2	Nut, Hex - Self-Locking (10-32)	7	150-0939	1	Joint, Ball
2	150-0096	1	Stud, Speed Adjustment	8	150-2421	1	Spring, Compression - Begin Spec C
3	150-1612	1	Spring, Governor	9	150-2429	1	Rod, Throttle - Begin Spec
4	150-1958	1	Bracket, Governor	10	150-2430	4	Washer, Friction - Begin Spec C
5	518-0006	1	Clip, Retaining	11	518-0606	1	Clip, Linkage - Begin Spec
6	150-2079	1	Rod, Governor Arm to Carburetor				

# Resistor Assembly

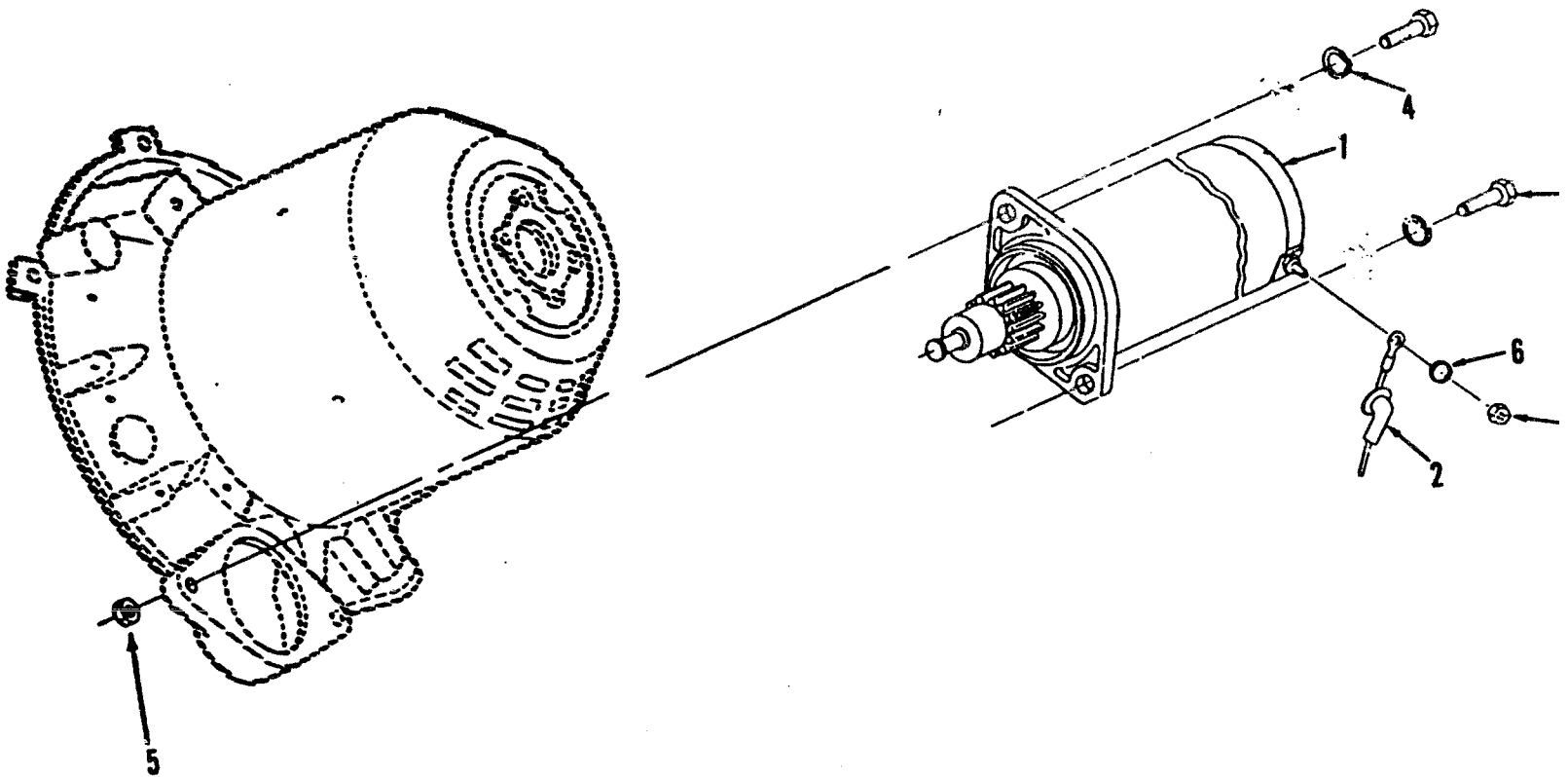
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ES-1533

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	870-0196	1	Nut, Insulation (#8)	7	870-1183	2	Nut, Hex (Special)
2	304-0015	1	Washer, Centering	8	226-2754	1	Lead, 7" Long
3	304-0044	1	Resistor, Fixed - 2.5 Ohms 50 Watts	9	226-2753	1	Lead, 3" Long
4	304-0773	1	Bracket, Resistor Mounting	10	332-0942	2	Tie, Cable
5	815-0583	1	Screw, Cap - Hex Head (Special)	11	815-0340	1	Screw, Hex Washer Head Thread Form (10-32x3/8")
6	812-0061	2	Screw, Round Head (6-32x3/8")	12	304-0772	1	Bracket, Resistor Mounting
				13	815-0261	1	Screw, Hex Head - Thread Forming (1/4-20x1/2")

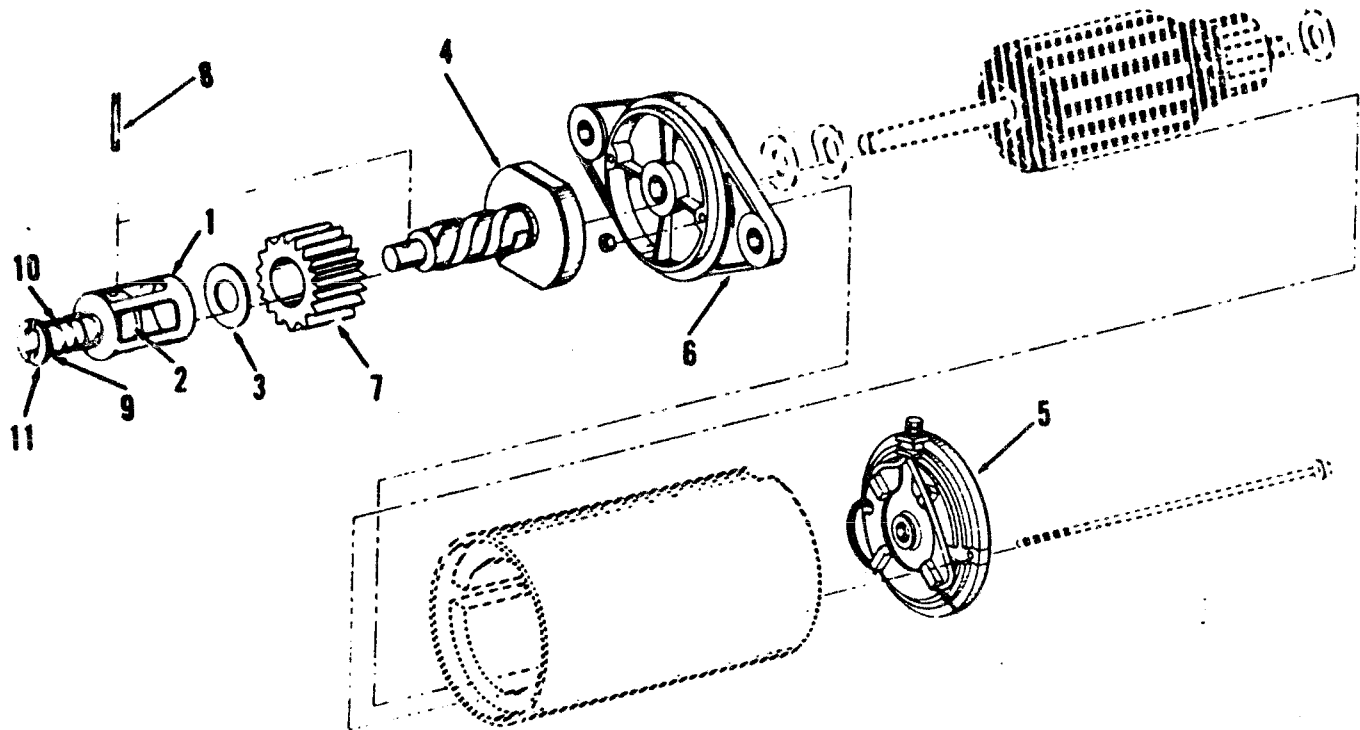
# Starter



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	191-1630	1	Starter, 12 Volt (See Separate Page For Components)
2	226-2426	1	Lead, Starter
3	800-0052	2	Screw, Cap - Hex Head (Special)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	850-0050	2	Washer, Lock (3/8")
5	862-0003	2	Nut, Hex (3/8-16)
6	850-0040	1	Washer, Lock (1/4")
7	862-0001	1	Nut, Hex (1/4-20)

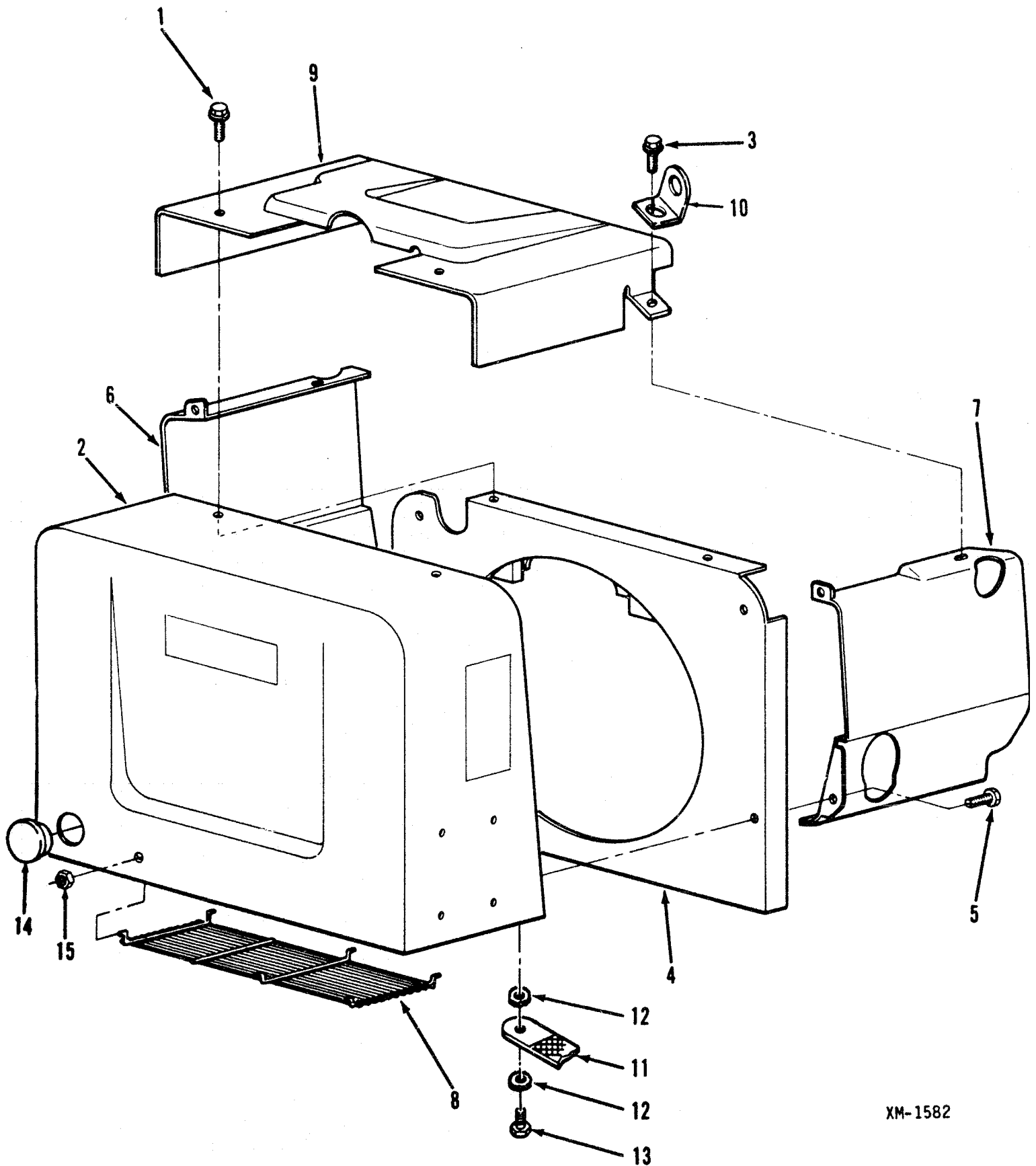
## Starter Components



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	191-1630	1	Motor, Starter (Complete)	6	191-1776	1	Cap, Drive End
1	191-1817	1	Cover, Spring	7	191-1819	1	Gear, Starter
2	191-1818	1	Retainer, Clutch	8	191-1786	1	Pin, Roll
3	191-1785	1	Washer, Drive	9	191-1822	1	Washer, Pinion
4	191-1784	1	Clutch and Spline	10	191-1820	1	Spring, Pinion
5	191-1781	1	Cap, End	11	191-1821	1	Retainer, Spring



# Air Housing



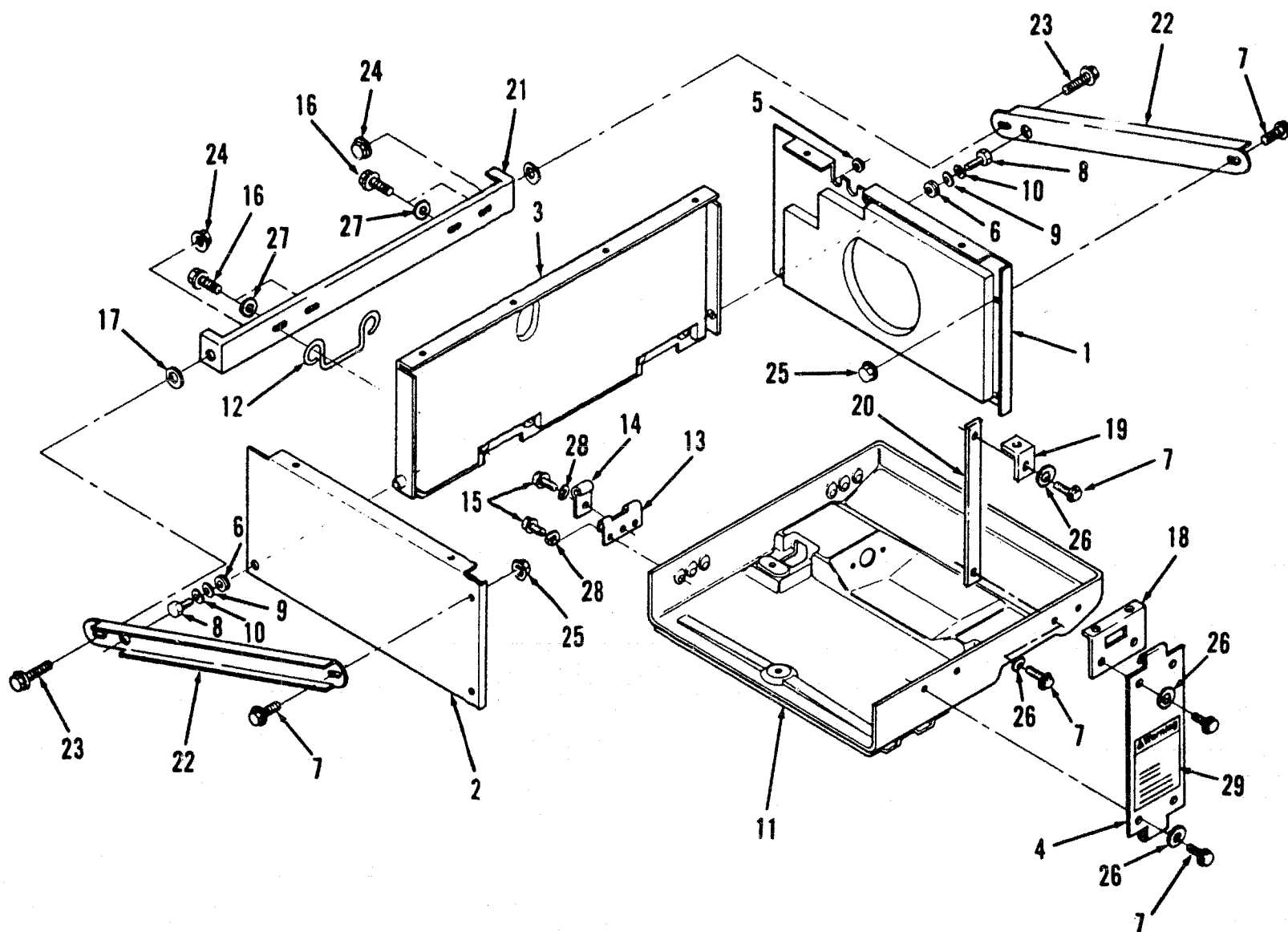
XM-1582

# Air Housing

5600-0017  
5600-0018  
5610-0007  
5610-0015

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	821-0009	10	Screw, Hex Washer Head Self-locking (1/4-20 x 3/8")	7	134-4381	1	Housing, Cylinder Air - Right
2			Scroll (Includes Baffle)	8	134-4384	1	Guard, Scroll
	134-4503-01	1	Gasoline & LP Vapor	9	155-2055	1	Shield, Noise - NHE Sets Only
	134-4503-02	1	LP Liquid	10	403-1523	2	Bracket, Lifting
3	815-0759	2	Screw, Hex Head - Thd. Form - (5/16-18 x 1")	11	337-2311	1	Strap, Ground (Mounts Scroll To Drip Pan)
4	134-4386	1	Backplate, Scroll	12	856-0010	2	Washer, Lock (EIT 3/8")
5	815-0261	5	Screw, Hex Head - Tapping Cylinder Air Housing (Right Hand) (1/4-20 x 1/2")	13	800-0048	1	Screw, Cap - Hex Head (3/8-16 x 3/4")
6	134-4382	1	Housing, Cylinder Air - Left	14	517-0129	1	Plug, Dot Button
				15	870-0415	6	Nut, Self-Tapping (1/8")

## Housing - Below Floor Models

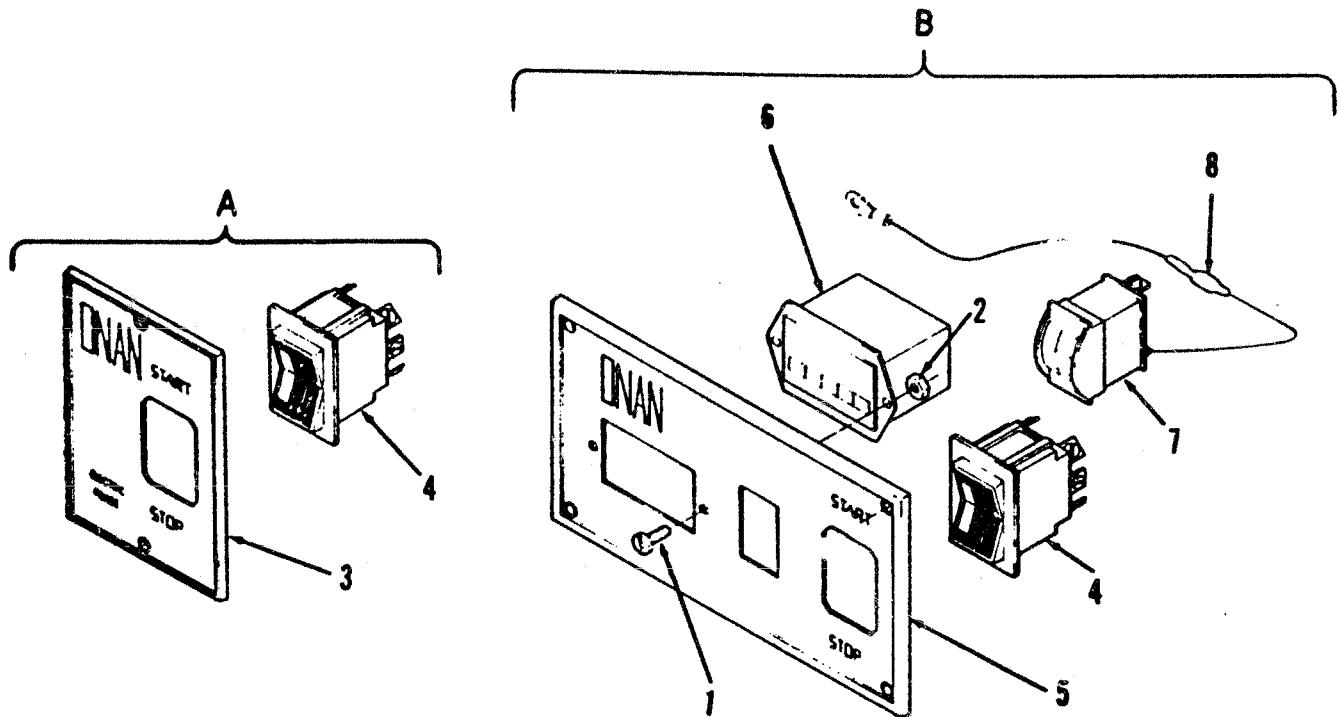


REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-3397	1	Panel, Housing (Right Hand)	16	800-0048	4	Screw, Hex Head - Cap (3/8-16 x .75)
2	405-3400	1	Panel, Housing (Left Hand)	17	526-1518	4	Washer, Flat (7/16" Screw)
3	405-3394	1	Panel, Housing (Rear)	18	405-3406	1	Bracket, Housing
4	405-3401	1	Support - Housing	19	405-3597	1	Bracket, Support
5	508-0071	3	Grommet, Rubber	20	405-3604	1	Support (Includes Label)
6	508-0008	2	Grommet, Rubber				With Weld Nuts
7			Screw		405-3781	1	With-Out Weld Nuts
	821-0014	2	Hex Washer Head - Self-Lock (5/16-18 x 1/2")	21	405-3608	1	Brace, Rear
	800-0026	6	Hex Head - Cap (5/16-18 x 3/4")	22	405-3607	2	Brace, Side
8	800-0002	2	Screw, Cap - Hex Head (1/4-20 x .38)	23	821-0033	2	Screw, Lock Head (7/16-14x 3/4")
9	526-0130	2	Washer, Flat (1/4" Screw)	24	870-0437	2	Nut, Lock (7/16-14)
10	850-0040	2	Washer, Lock (1/4)	25	870-0257	2	Nut, Lock (5/16-18)
11	403-2557-03	1	Pan, Drip	26	526-0122	6	Washer, Flat (5/16" Screw)
12	406-0566	2	Pin, Hinge	27	526-0174	4	Washer, Flat (3/8" Screw)
13	406-0567	2	Plate, Hinge	28	526-0382	6	Washer, Flat (1/4" Screw)
14	406-0568	2	Support, Hinge	29	98-6402-01	1	Decal, Warning
15	800-0005	6	Screw, Hex Head - Cap (1/4-20 x 3/4)				





## Remote Start Control Components

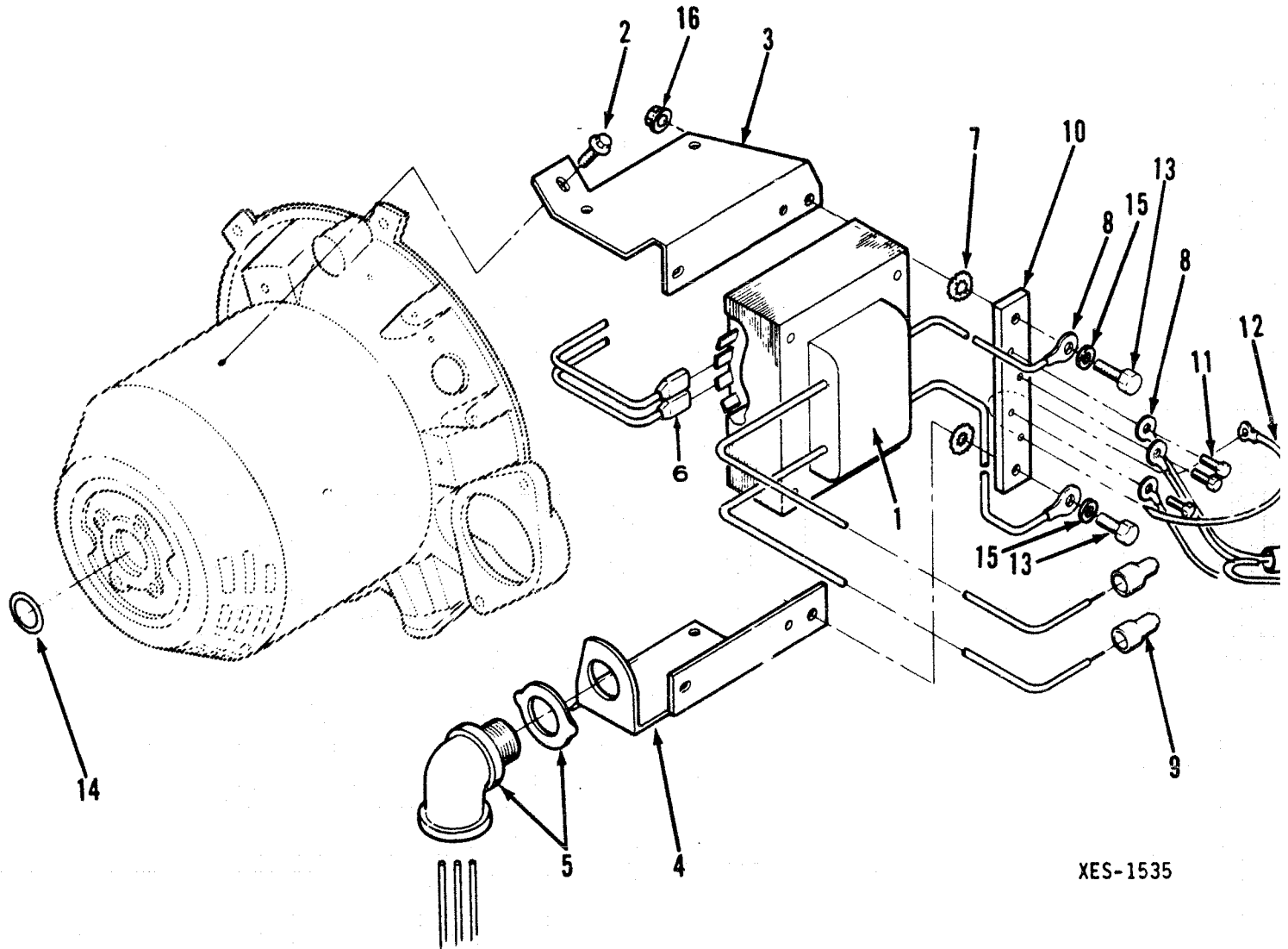


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
A	300-2313	1	Control Kit - Standard Remote Starting (Includes Parts Marked *)
B	300-2314	1	Control Kit - Deluxe Remote Starting (Includes Parts Marked +)
1	815-0385	2	+Screw, Machine - Round Head (#6-32x1/2")
2	860-0005	2	+Nut, Hex Head (#6-32)
3	301-3566	1	*Panel, Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	308-0341	1	*+Switch, Rocker
5	301-3606	1	+Panel, Control
6	302-0885	1	+Meter, Time Totalizing
7	302-0888	1	+Meter, Battery Condition
8	359-0034	1	+Lead with Diode

\* - Parts Included In 300-0985 Control.  
+ - Parts Included In 300-0986 Deluxe Control.

# Transformer Regulator

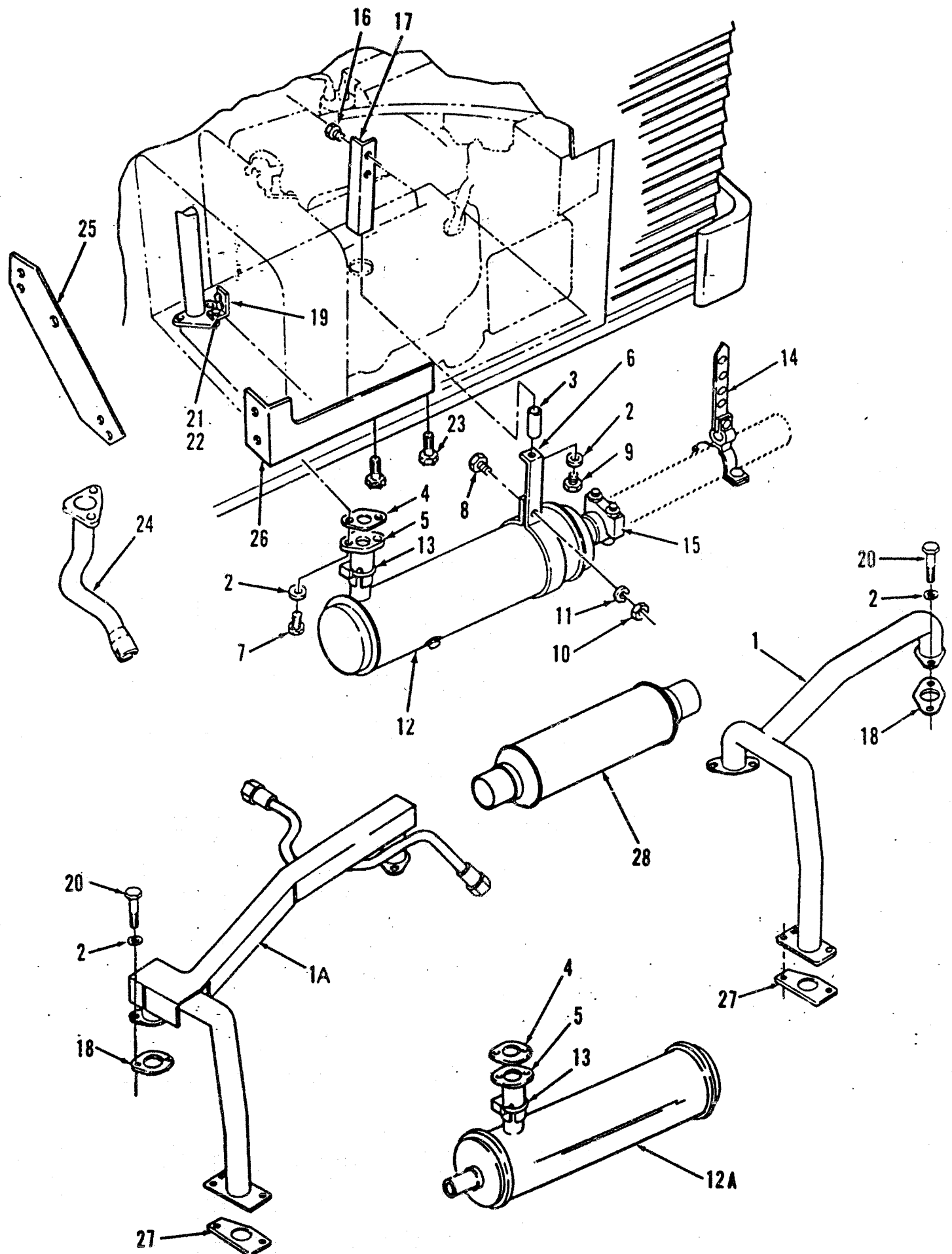


XES-1535

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	315-0604	1	Transformer-Regulator (Includes Parts Marked *)	8	332-0046	2	Terminal, Ring (.312)
2	815-0290	2	Screw, Hex Washer Head - (1/4-20 x 5/8")	9	332-2699	3	Splice, Closed End
3	NFS	1	*Mounting Bracket, Transformer - Regulator (Upper)	10	337-2229	1	Bar, Bus (4-1/4" Long)
4	NFS	1	*Mounting Bracket, Transformer - Regulator (Lower)	11	815-0194	3	Screw, Cap - Hex Head/WET (10-32 x 3/8")
5	331-0009	1	Connector (3/4" x 90")	12	332-0941	2	Tie, Cable
6	332-1993	2	Terminal, Receptacle (.250)	13	815-0610	2	Screw, Cap - Hex Head (1/4-20 x 1")
7	856-0008	2	Washer, Lock - EIT (5/16")	14	509-0196	1	O-Ring, Stator Housing
				15	526-0018	2	Washer, Flat (1/4" Screw)
				16	870-0433-03	2	Nut, Push-on (1/4-20)

\* - Parts Included in Transformer-Regulator.

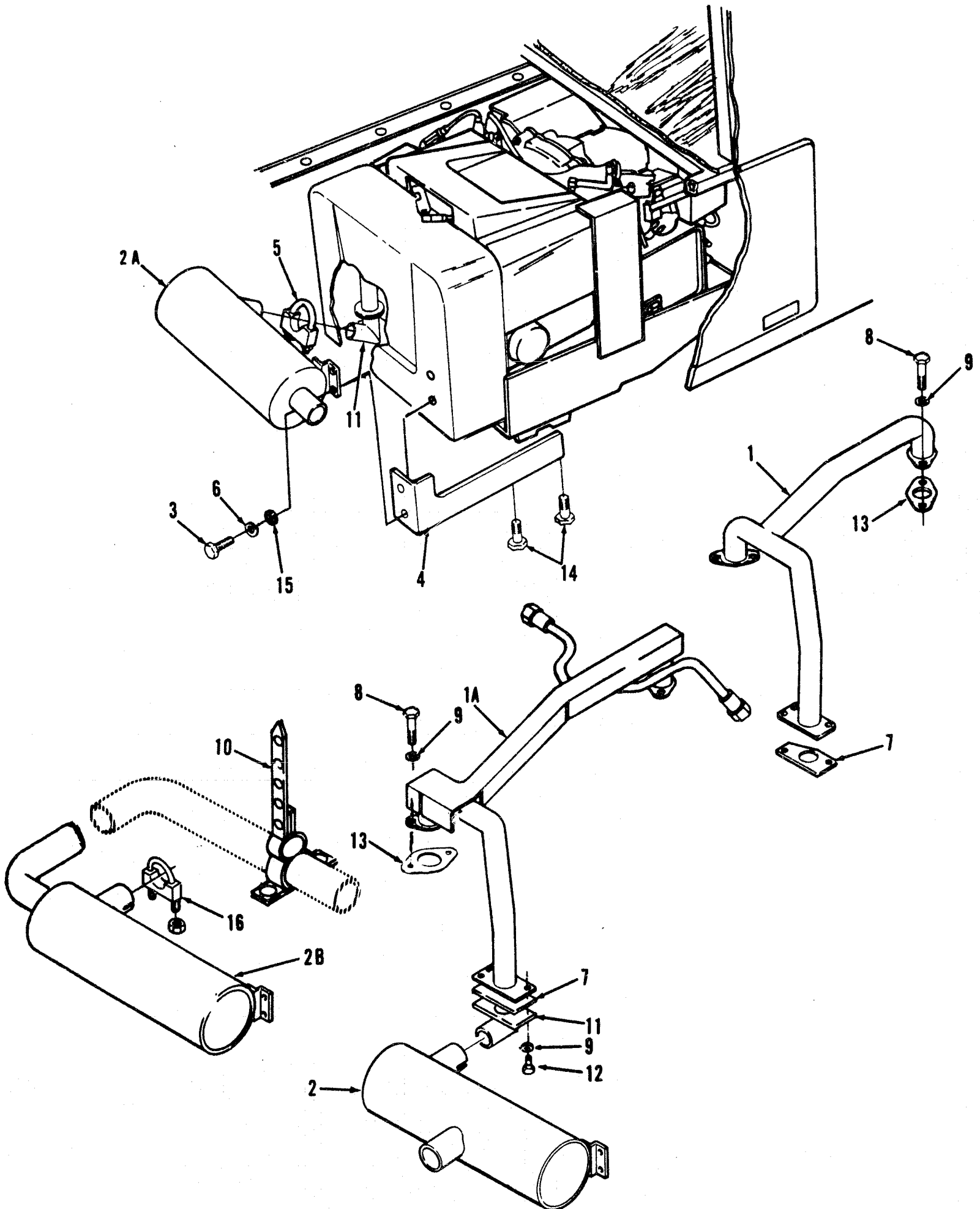
# Exhaust System - Above Floor Models



## Exhaust System - Above Floor Models

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	154-2541	1	Manifold, Exhaust - NHE	12A	155-1485	1	Muffler, Spark Arrestor
1A	154-2638	1	Manifold, Exhaust - Front Outlet (Includes Fuel Line and Heat Shield) NHEL	13	155-1239	1	Same End Inlet, Outlet Clamp, Muffler
2	850-0045	7	Washer, Lock (5/16")	14	155-2174	1	Hanger, Exhaust
3	370-4027	1	Spacer, Muffler - 2" Long (Used Only On RV's With 6-1/4" Long Exhaust Adapter)	15	155-1015	1	Clamp, Muffler
4	154-2061	1	Gasket, Exhaust - Use With Flange Type Exhaust Adapters	16	815-0261	2	Screw, Hex Washer Head - (1/4-20x1/2")
5			Adapter, Exhaust (Flange Type)	17	155-2084	1	Bracket, Muffler
	154-2469	1	2.44" Long - Spec A	18	154-1482	2	Gasket, Exhaust Manifold
	154-2683	1	6.25" Long	19	154-2538	1	Bracket, Exhaust Flange
	154-2540	1	4.25" Long	20			Screw (5/16-18x1")
	154-2718	1	8" Long - Begin Spec C		800-0512	4	Hex Head Cap-NHEL
6	155-2025	1	Strap, Muffler (5.77" Long)		802-0055	4	Allen Head-NHE
7	800-0730	2	Screw, Cap - Hex Head (5/16-18x1")	21	800-0005	1	Screw, Cap - Hex Head (1/4-20x3/4")
8	800-0007	1	Screw, Cap - Hex Head (1/4-20x1")	22	526-0018	1	Washer, Flat (1/4" Screw)
9			Screw, Cap - Hex Head	23	821-0029	2	Screw, Hex Washer Head Self-Lock (3/8-16x3/4")
	800-0026	1	Use With-Out Spacer (5/16-18x3/4")	24	154-2662	1	Tube, Exhaust - 11" Long (Use With 154-2663 Bracket)
	800-0036	1	Use With Spacer (5/16-18x2-3/4")	25	154-2663	1	Bracket, Exhaust (Use With 154-2662 Tube)
10	862-0001	1	Nut, Hex (1/4-20)	26	155-2049	1	Bracket, Exhaust
11	850-0040	1	Washer, Lock (1/4")	27	154-2542	1	Gasket, Exhaust - Use With 154-2662 Exhaust Tube, 154-2541, 154-2638 Exhaust Manifolds
12	155-1258	1	Muffler, Spark Arrestor End Outlet, Side Inlet	28	155-2449	1	Resonator, Exhaust - Gasoline Only

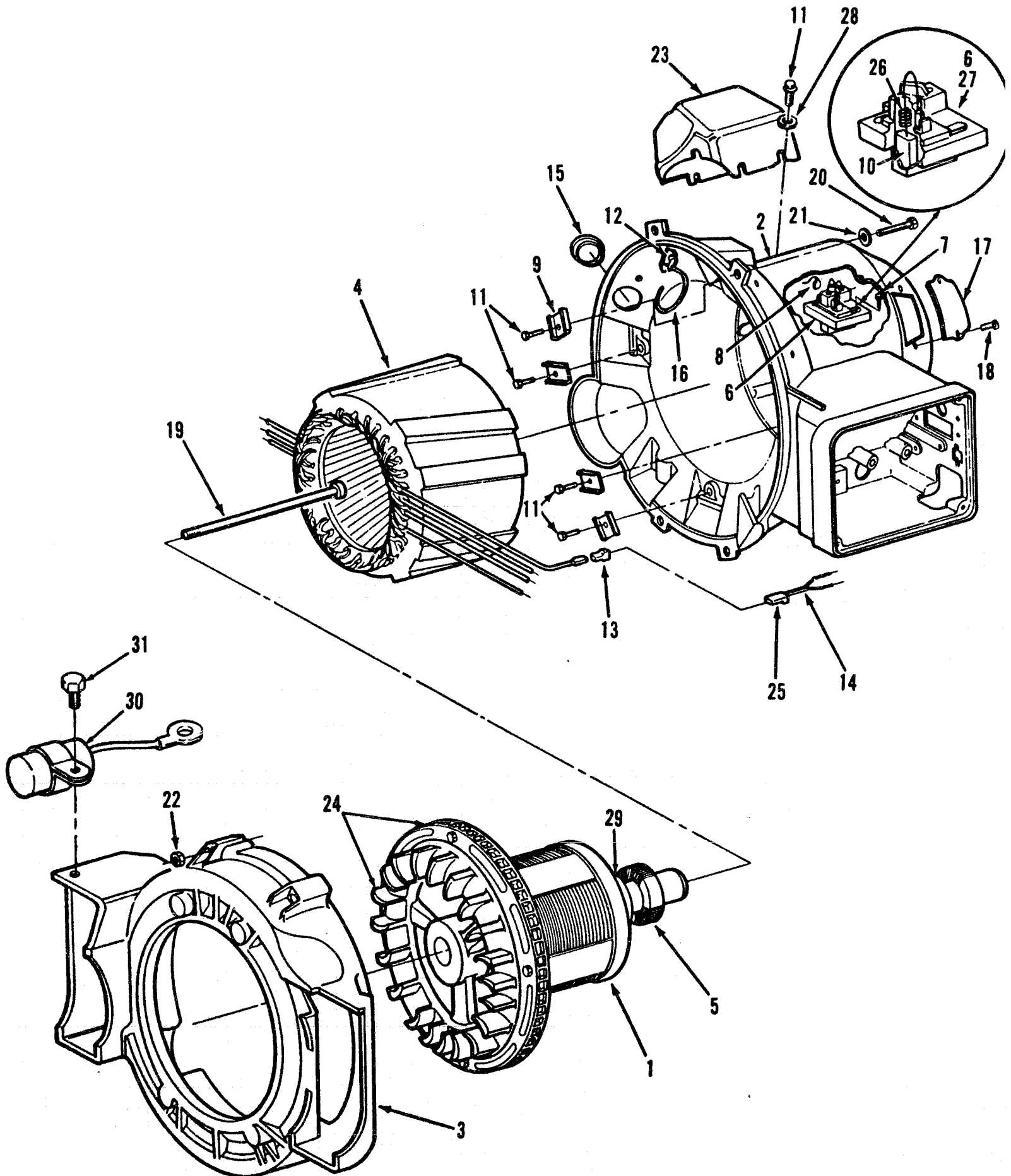
# Exhaust System - Below Floor Models



## Exhaust System - Below Floor Models

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	154-2541	1	Manifold, Exhaust (NHE)	8			Screw,
1A	154-2638	1	Manifold, Exhaust - Front Outlet (Includes Fuel Line and Heat Shield) NHEL		800-0512	4	Cap - Hex Head (5/16-19x1" NHEL
					802-0055	4	Allen Head (5/16-18x1") NHE
2	155-2086	1	Muffler, Spark Arrestor Side Inlet, Outlet	9	850-0045	6	Washer, Lock - Exhaust Manifold (5/16")
2A	155-2085	1	Muffler, Spark Arrestor Side Inlet, End Outlet	10	155-2174	1	Hanger, Exhaust Pipe
2B	155-2164	1	Muffler, Spark Arrestor - Same End Inlet, Outlet	11	154-2539	1	Adapter, Exhaust - Flange Ty
3	800-0004	2	Screw, Cap - Hex Head (1/4-20x5/8")	12	800-0730	2	Screw, Cap - Hex Head - Use With Exhaust Adapter 154-25
4	155-2049	1	Bracket, Exhaust (9.19" Long)	13	154-1482	2	Gasket, Exhaust - Manifold
5			Clamp, Muffler	14	821-0029	2	Screw, Hex Washer Head - Self-Lock (3/8-16x3/4")
	155-1255	1	For 1-1/8" Diameter Tubing	15	526-0130	2	Washer, Flat (1/4" Screw)
	155-1256	1	For 1-1/4" Diameter Tubing	16	155-1015	1	Clamp, Muffler (1-1/2")
6	850-0040	2	Washer, Lock (1/4")				
7	154-2542	1	Gasket, Exhaust - Use With Adapter 154-2539 and Manifolds 154-2541 and 154-2638				

# Generator





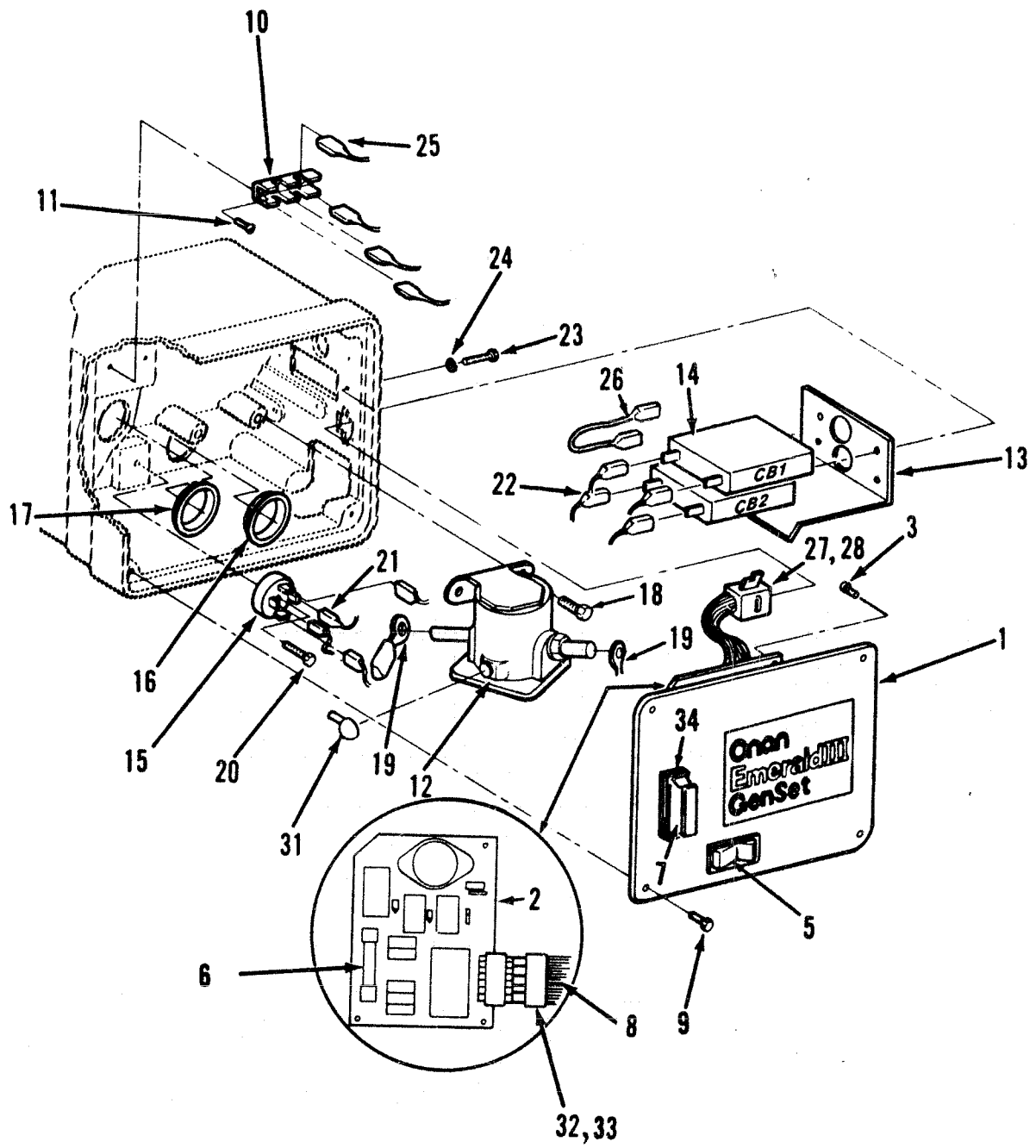
# Generator

5610-0008  
5610-0016

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	201-3249	1	Armature, Wound (Includes Fan, Ring Gear, Ball Bearing And Collector Ring)	15	508-0253	1	Bushing (1.0 ID x 1.469" OD)
2	220-3977	1	Housing, Stator	16	332-0941	5	Tie, Cable
3	231-0280	1	Adapter, Generator	17	212-1274	1	Cover, Brush Block
4	220-3884	1	Stator, Wound	18	815-0181	2	Screw, Hex Head - WET (10-32x1/2")
5	510-0099	1	Bearing, Ball	19	802-1039	1	Screw, Socket - Armature Through (7/16 - 14 x 11.84")
6	212-1278	1	Block, Generator Brush (Includes Parts Marked *)	20	800-0052	4	Screw, Cap - Hex Head (3/8-16x1-1/2")
7	815-0359	2	Screw, Hex Head - Thread Form (10-32x7/8")	21	850-0050	4	Washer, Lock (3/8")
8	226-2929	1	Lead (Includes Terminals)	22	862-0003	4	Nut, Hex (3/8-16)
9	232-3156	4	Clamp, Stator	23	315-0591	1	Cover, Transformer
10	214-0103	2	*Brush, Generator	24	205-0165	1	Fan And Gear, Armature
11			Screw, Cap - Hex Washer Head	25	332-0819	1	Connector, Receptacle - NHE
	815-0436	4	(1/4-20x1/2") - NHE	26	212-1276-03	2	*Spring, Generator Brush
	815-0293	4	(1/4-20x3/4") - NHEL	27	212-1277	1	*Block, With Terminal
12	332-2696	4	Clamp, Tie Wrap	28	526-0018	4	Washer, Flat (1/4" Screw)
13	323-1298	1	Connector, Tab	29	204-0134	1	Ring, Collector - Armature
14			Lead	30	312-0256	1	Condenser, Ignition - Remote - Use Begin 9/87
	226-2809	1	Includes Receptacle Connector - NHE	31	815-0340	1	Screw, Hex Washer Head - Thread Form (10-32 x 3/8") - Use Begin 9/87
	226-2990	1	NHEL				

\* - Parts Included In 212-1278 Generator Brush Block

# Control

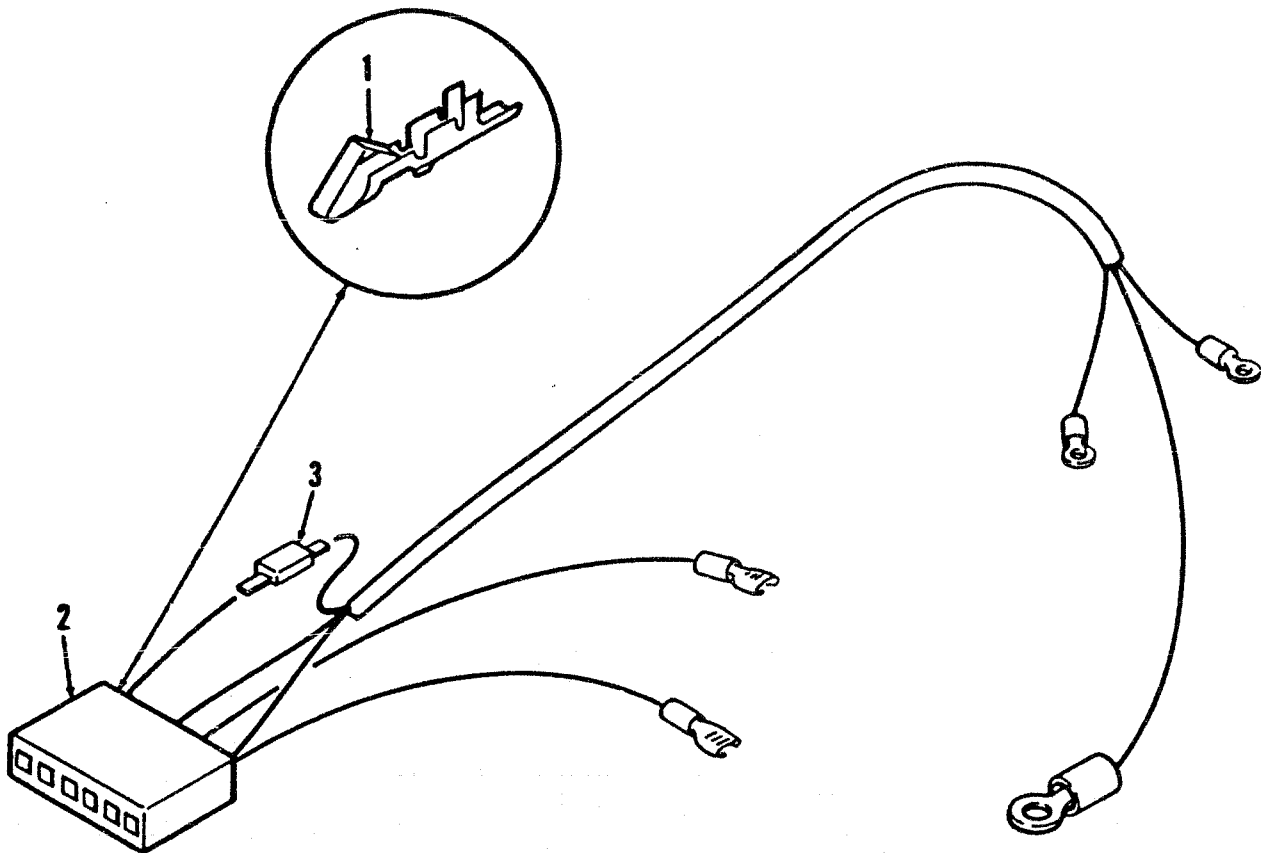


# Control

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	301-8619	1	Cover, Control	15	305-0713	1	Rectifier, Bridge
2			Board Assembly, Printed Circuit	16	508-0253	2	Bushing (1.0 ID x 1.469" OD)
	300-2784-01	1	Gasoline LP	17	508-0251	1	Bushing (.750 ID x 1.125" OD)
	300-2943-01	1	LP	18	815-0370	2	Screw, Hex Head (1/4-20x1/2")
3	815-0550	4	Screw, Pan Head (6-32x3/8")	19	332-2697	2	Ring, Terminal (.31)
	357-0030	1	Rectifier, Silicon (Not Shown) - NHEL	20	815-0359	1	Screw, Hex Head - Thread Form (10-32x7/8")
5	308-0852	1	Switch, Rocker	21	332-1993	2	Receptacle, Blue (.250)
6	321-0298	1	Fuse, 5 Amps - Slo Blow	22	332-0684	2	Receptacle, Black (.250)
7	321-0295	1	Holder, Fuse (Holds Spare Fuse)	23	812-0061	2	Screw, Round Head (6-32 x 3/8")
8			Harness, Wiring (Includes 8-Pin Housing)	24	850-0020	4	Washer, Lock (#6)
	338-1775	1	NHE - Spec A	25	332-0529	1	Receptacle (.250)
	338-1931	1	NHE - Begin Spec C	26	226-3478	1	Lead, Jumper
	338-1932	1	NHEL	27	323-0440	1	Housing, Socket (Less Pins)
9	815-0194	4	Screw, Hex Head W/ET - Thread -Cutting (10-32x3/8")	28	323-1195	4	Terminal, Pin - Female
10	332-1815	1	Tab, Terminal	29	98-5294	1	Decal (Emerald III)
11	815-0388	2	Screw, Pan Head (6-32x1/2")	31	332-2112	1	Insulator, Terminal - Start Solenoid
12	307-2344	1	Solenoid, Start (Includes Nuts And Washers)	32	323-1312	1	Housing, Socket (Less Pins)
13	320-1365	1	Guard, Circuit Breaker	33	323-1302	8	Pin, Contact
14			Breaker, Circuit	34	321-0287	1	Insulator, Fuse
	320-1323	1	30 Ampere - CB1 - Begin Spec C				
	320-1321	1	20 Ampere - CB2 Gasoline				
	320-1572	1	30 Ampere - CB1 - Spec A				

# Wiring Harness

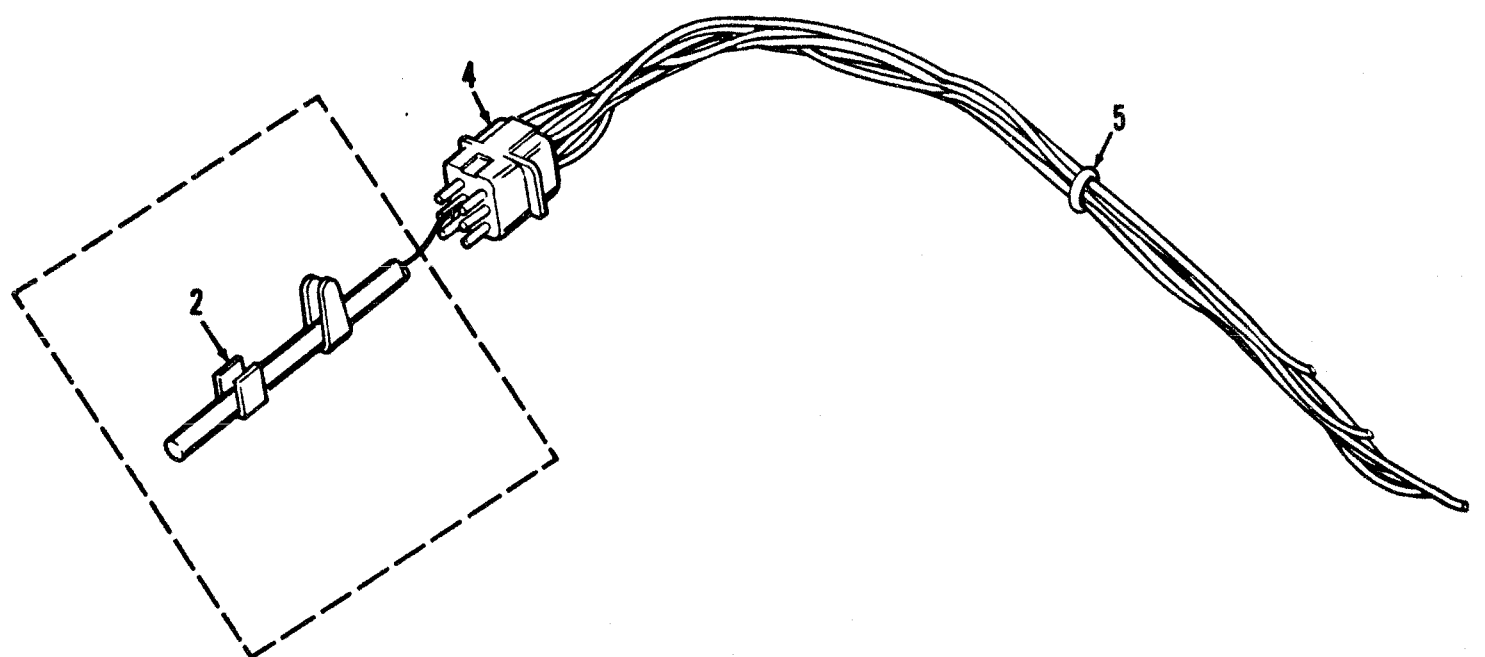
5610-0020



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	338-2041	1	Harness, Wiring	2	323-1329	1	Housing (Less Pins)
			6 Pin Housing - 5 Wire -		323-1312	1	6 Pin
			Spec A	3	357-0067	1	8 Pin
	338-2040	1	8 Pin Housing - 5 Wire			1	Rectifier - NHEL
	338-2086	1	NHEL				
1			Terminal, Pin - Contact				
	323-1302	6	Use With 6 Pin Housing				
	323-1302	8	Use With 8 Pin Housing				

# Wiring Harness REMOTE

542-0469  
542-0471  
542-0472



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	338-1082	1	Harness, Wiring - Remote Without Socket - 6" Long 5 Pin

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
2	323-0500	5	Terminal, Pin - Male
4	323-0400	1	Housing, Connector (Less Pins)
5	332-1445	1	Tie, Cable

## Labels, Paint And Thread Sealant

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
98-5313		1	Label, Warning	98-5777-01		1	Label, Warning (Improper Operation)
98-5335		1	Label, Preheat(Gasoline)				
98-5294		1	Decal (Emerald III)	98-5142		1	Label, Warning (Fire Hazard)
98-5347		1	Label, Danger (High Voltage)	518-0452		1	Sealant, Thread (50cc. Bottle)
98-5755		1	Label, Warning (Hazardous Voltage)	525-0305		1	Paint, Enamel Touch-Up Green(Non-Metallic) 13oz. Pressurized Can

# Numerical Index

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
98-5142	42	110-1716	5	120-0680	5	141-0708	18
98-5294	39	110-1716-02	5	122-0320	9	141-0710	8
98-5294	42	110-1716-05	5	122-0352	9	141-0710	17
98-5313	42	110-1716-10	5	122-0375	9	141-0711	17
98-5335	13	110-1716-25	5	122-0375	42	141-0711	18
98-5335	42	110-1718	5	122-0445	9	141-0713	17
98-5347	42	110-1719	5	123-1174	5	141-0736	18
98-5755	42	110-1720	5	123-1175	5	141-0741	17
98-5777-01	42	110-1720	42	123-1417	5	141-0799	17
98-5958	42	110-1731	42	123-1615	13	141-0919	17
101-0405	5	110-1761	5	123-1615	15	141-0919	18
101-0415	5	110-1933	5	123-1616	11	141-0920	17
101-0415	42	110-1933-02	5	123-1625	11	141-0921	17
101-0432	5	110-1933-05	5	123-1653	5	141-0923	17
101-0432-02	5	110-1933-10	5	123-1654	5	141-0924	17
101-0432-10	5	110-1933-25	5	134-4342	6	141-0924	18
101-0432-20	5	110-2987	5	134-4381	27	141-0927	17
101-0432-30	5	110-3167	5	134-4382	27	141-0928	17
101-0439	5	110-3168	5	134-4384	27	141-0933	15
101-0450	5	110-3533	5	134-4386	27	141-0933	18
101-0450-02	5	110-3549	5	134-4503-02	27	141-0934	18
101-0450-10	5	112-0069	5	140-1087	13	141-0935	18
101-0450-20	5	112-0228	5	140-1087	15	141-0936	18
101-0450-30	5	112-0228-05	5	140-1087	16	141-0937	18
102-0455	5	112-0228-10	5	140-1087	42	141-0938	18
102-0743	11	112-0228-20	5	140-1889	13	141-0939	18
102-0938	11	112-0228-30	5	140-1889	15	141-0940	18
102-1200	11	112-0228-40	5	140-1891	13	141-0942	17
102-1200	42	113-0203	5	140-1891	15	145-0561	13
102-1242	11	113-0203-05	5	140-1894	13	145-0562	13
102-1286	11	113-0203-10	5	140-1894	15	146-0451	16
103-0408	8	113-0203-20	5	140-1949	13	146-0452	16
103-0408	42	113-0203-30	5	140-2021	13	146-0453	16
103-0772	8	113-0203-40	5	141-0077	17	146-0456	13
104-0032	6	114-0022	8	141-0077	18	146-0456	16
104-0043	6	114-0188	5	141-0281	13	146-0457	16
104-0170	6	114-0188-02	5	141-0281	15	148-0890	15
104-0575	5	114-0188-10	5	141-0281	16	148-0893	15
104-0776	5	114-0188-20	5	141-0281	17	148-0896	15
104-1584	6	114-0188-30	5	141-0281	18	148-0897	15
105-0332	7	114-0203	5	141-0281	42	148-0898	15
105-0541	7	115-0006	5	141-0698	17	148-0899	15
105-0638	7	115-0006-02	5	141-0698	18	148-0900	15
110-0068	5	115-0006-05	5	141-0700	17	148-0903	15
110-0068	42	120-0140	5	141-0700	18	149-1994	13
110-0539	5	120-0140	13	141-0701	17	149-2022	13
110-0639	5	120-0161	5	141-0701	18	149-2036	13
110-0893	5	120-0161	42	141-0702	17	149-2038	15
110-0904	5	120-0398	5	141-0703	17	149-2083	13
110-1624	5	120-0491	5	141-0708	17	149-2110	13

# Numerical Index

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
150-0075	7	154-2663	33	191-1819	24	315-0604	31
150-0078	7	154-2683	33	191-1820	24	320-1321	39
150-0096	21	154-2718	33	191-1821	24	320-1323	39
150-0939	21	155-1015	33	191-1822	24	320-1365	39
150-1187	8	155-1015	35	201-3249	37	320-1572	39
150-1519	7	155-1239	33	204-0134	37	321-0266	39
150-1520	7	155-1255	35	205-0165	37	321-0287	39
150-1612	21	155-1256	35	212-1274	37	321-0298	39
150-1958	21	155-1258	33	212-1276-03	37	323-0400	41
150-1998	8	155-1485	33	212-1277	37	323-0440	39
150-2002	8	155-2025	33	212-1278	37	323-0500	41
150-2079	21	155-2049	33	214-0103	37	323-1195	39
153-0554	13	155-2049	35	220-3884	37	323-1298	37
153-0555	13	155-2055	27	220-3977	37	323-1302	39
153-0556	13	155-2084	33	226-2426	23	323-1302	40
153-0557	13	155-2085	35	226-2753	22	323-1312	39
153-0557	15	155-2086	35	226-2754	22	323-1312	40
153-0558	13	155-2164	35	226-2809	37	323-1329	40
153-0561	13	155-2174	33	226-2929	37	331-0009	31
153-0563	13	155-2174	35	226-2980	9	332-0046	31
153-0567	13	155-2449	33	226-2990	37	332-0529	39
153-0571	13	160-1150	19	226-3478	39	332-0684	39
153-0576	13	160-1150	20	231-0280	37	332-0819	37
153-0577	13	160-1150	42	232-3156	37	332-0941	31
153-0578	13	160-1151	20	300-2313	30	332-0941	37
153-0579	13	160-1183	20	300-2314	30	332-0942	22
154-1482	33	160-1314	20	300-2784-01	39	332-1445	41
154-1482	35	160-1316	20	300-2943-01	39	332-1815	39
154-1482	42	160-1317	20	301-3566	30	332-1993	31
154-1483	15	160-1325	19	301-3606	30	332-1993	39
154-1483	42	160-1325	20	301-8619	39	332-2112	39
154-2061	33	166-0554	19	302-0885	30	332-2431	13
154-2061	42	166-0747	19	302-0888	30	332-2572	13
154-2219	13	166-0772	19	304-0015	22	332-2696	37
154-2219	42	167-0263-01	19	304-0044	22	332-2697	39
154-2469	33	167-1615-01	19	304-0772	22	332-2699	31
154-2524	13	167-1615-06	19	304-0773	22	336-2378	19
154-2524	15	168-0179	5	305-0718	39	336-2378	20
154-2538	33	168-0179	42	307-1886	15	336-9679	15
154-2539	35	168-0180	5	307-2344	39	337-2229	31
154-2540	33	168-0180	42	307-2501	15	337-2311	11
154-2541	33	191-1630	23	307-2559	15	337-2311	27
154-2541	35	191-1630	24	308-0341	30	338-1082	41
154-2542	33	191-1776	24	308-0852	39	338-1775	39
154-2542	35	191-1781	24	309-0322	9	338-1931	39
154-2542	42	191-1784	24	312-0246	20	338-1932	39
154-2638	15	191-1785	24	312-0249	19	338-2040	40
154-2638	33	191-1786	24	312-0256	20	338-2041	40
154-2638	35	191-1817	24	312-0256	37	338-2086	40
154-2662	33	191-1818	24	315-0591	37	357-0030	39



# Numerical Index

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
357-0067	40	505-0266	11	526-0018	37	815-0194	31
359-0034	30	505-0274	15	526-0065	8	815-0194	39
370-4027	33	508-0008	28	526-0065	9	815-0261	15
402-0547	11	508-0071	28	526-0066	5	815-0261	19
402-0549	11	508-0251	39	526-0124	11	815-0261	22
402-0597	11	508-0253	37	526-0130	28	815-0261	27
403-1523	27	508-0253	39	526-0130	35	815-0261	33
403-2332	11	509-0008	8	526-0240	11	815-0290	31
403-2332	28	509-0008	42	526-0324	11	815-0293	37
403-2557-02	11	509-0040	8	526-0325	11	815-0340	22
405-3394	28	509-0040	42	526-1518	28	815-0340	37
405-3397	28	509-0041	5	800-0002	28	815-0358	20
405-3400	28	509-0041	42	800-0004	35	815-0359	37
405-3406	28	509-0096	11	800-0005	33	815-0359	39
405-3453	28	509-0168	5	800-0007	5	815-0370	13
405-3597	28	509-0168	42	800-0007	33	815-0370	15
405-3604	28	509-0196	31	800-0011	5	815-0370	39
405-3607	28	510-0013	8	800-0013	5	815-0385	30
405-3608	28	510-0014	8	800-0017	13	815-0388	39
405-3781	28	510-0015	7	800-0017	15	815-0436	37
406-0566	28	510-0099	37	800-0026	33	815-0508	27
406-0567	28	515-0001	6	800-0028	9	815-0531	15
406-0568	28	515-0001	7	800-0036	33	815-0550	39
501-0497	15	515-0227	6	800-0048	27	815-0583	22
501-0512	15	516-0072	5	800-0052	23	815-0587	13
501-0525	15	516-0130	8	800-0052	37	815-0587	15
502-0002	13	516-0141	5	800-0055	13	815-0590	13
502-0053	9	517-0048	5	800-0055	15	815-0590	15
502-0054	15	517-0103	5	800-0058	11	815-0591	13
502-0313	13	517-0129	27	800-0512	33	815-0591	15
502-0838	15	517-0223	13	800-0512	35	815-0592	13
502-0871	13	518-0006	21	800-0545	8	815-0598	11
502-0923-02	15	518-0014	6	800-0590	5	815-0610	31
502-0927-01	15	518-0294	5	800-0730	33	815-0647	15
502-0929-01	15	518-0347	42	800-0730	35	815-0657	11
502-0931-02	15	518-0387	13	801-0049	5	815-0664	13
502-0935	15	518-0450	13	801-0050	5	820-1077	8
502-0949-01	15	518-0452	42	802-0034	19	821-0005	15
502-0965-01	15	518-0459	13	802-0034	20	821-0009	13
503-0183	13	518-0466	13	802-0055	33	821-0009	27
503-0183	15	525-0305	42	802-0055	35	821-0010	11
503-1133	13	526-0002	13	802-1039	37	821-0010	28
503-1133	15	526-0003	15	803-0071	5	821-0014	11
503-1190	15	526-0008	15	805-0010	5	821-0014	28
503-1252	13	526-0017	6	812-0061	22	821-0016	11
503-1345	13	526-0018	5	812-0061	39	821-0021	11
503-1351	13	526-0018	13	815-0046	8	821-0029	33
503-1365	15	526-0018	15	815-0176	15	821-0029	35
504-0150	11	526-0018	31	815-0181	37	821-0031	11
505-0110	11	526-0018	33	815-0194	9	821-0031	28

# Numerical Index

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
821-0033	28						
850-0020	39						
850-0038	19						
850-0038	20						
850-0040	5						
850-0040	15						
850-0040	23						
850-0040	28						
850-0040	33						
850-0040	35						
850-0045	33						
850-0045	35						
850-0050	5						
850-0050	11						
850-0050	13						
850-0050	15						
850-0050	23						
850-0050	37						
850-0055	6						
850-2005	19						
856-0006	13						
856-0008	11						
856-0008	31						
856-0010	27						
860-0005	30						
862-0001	23						
862-0001	33						
862-0003	23						
862-0003	37						
862-0015	13						
862-0015	15						
870-0131	21						
870-0196	22						
870-0221	15						
870-0257	5						
870-0257	28						
870-0302	5						
870-0328	8						
870-0421	13						
870-0433-03	31						
870-0437	28						
870-1183	22						