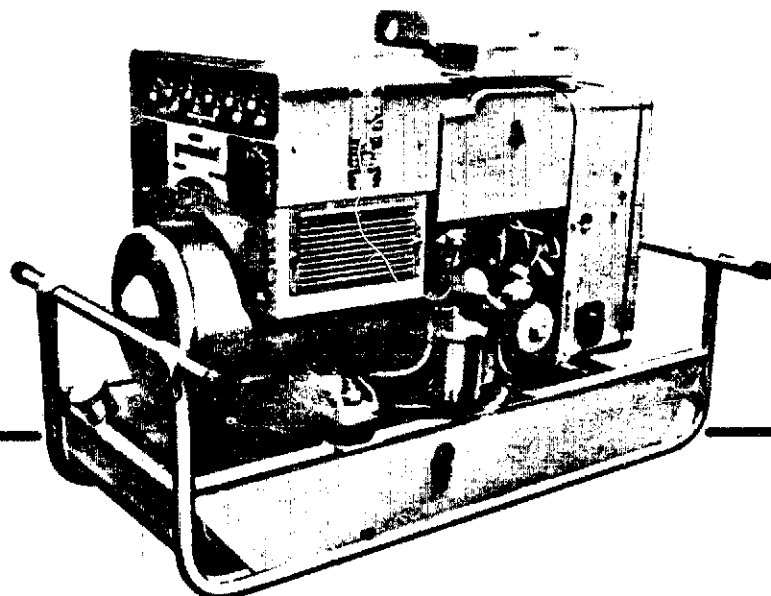


The following catalog
has gaps in its page
numbers, or doesn't
have any numbers.
We have chosen to
leave the page
numbering in the
order that Acrobat
assigns it.

Parts Manual

DJB Welder



GENERAL INFORMATION

INSTRUCTIONS FOR ORDERING REPAIR PARTS

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, please furnish all information requested.

Always refer to the nameplate on your unit.

1. Always give the MODEL, SPEC NO. and SERIAL NO.

The diagram shows a rectangular nameplate with rounded corners and two circular mounting holes at the top. The word "Onan" is prominently displayed in a large, bold, sans-serif font at the top center. Below the logo is a horizontal rectangular box. Underneath this box, the text "MODEL AND SPEC NO." is printed in a bold, sans-serif font. Below this text is another horizontal rectangular box. To the left of this second box, the text "SERIAL NO." is printed in a bold, sans-serif font. The entire nameplate is shown with a slight 3D effect, as if it's a separate piece of paper or a label on a unit.

M-1149

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

2. Do not order by reference number; always use part number and description.
3. Give the part number, description and quantity needed of each item. If an older part cannot be identified return the part prepaid to your dealer or nearest Onan Parts and Service Center. Print your name and address plainly on the package. Write a letter to the same address stating the reason for returning the part.
4. State definite shipping instructions. Any claim for loss or damage to your unit in transit should be filed promptly against the transportation company making the delivery. Shipments are complete unless the packing list indicates items are back ordered.

Prices are purposely omitted from this Parts Catalog due to the confusion resulting from fluctuating costs, import duties, sales taxes, exchange rates, etc.

For current parts prices, consult your Onan Dealer, Distributor or Parts and Service Center.

"En esta lista de partes los precios se omiten de proposito, ya que bastante confusion resulto de fluctuaciones de los precios, derechos aduanales, impuestos de venta, cambios extranjeros, etc."

Consiga los precios vigentes de su distribuidor de productos "ONAN."

INDEX

TITLE	LOCATION
INTRODUCTION	A4
WELDER DATA TABLE	A4
STANDARD PARTS SECTION	
Alternator, Charging	B6,B7
Base, Oil	A6,A7
Block, Cylinder	A6,A7
Camshaft	A8
Cleaner, Air	B2,B3
Control	C4,C5
Crankshaft	A9
Exhaust System	B13
Filters, Fuel	B2,B3
Flywheel	A9
Frame, Carrying	B12
Gearcase	A14
Generator	C2,C3
Governor	A12,A13
Head, Cylinder	A10,A11
Housing, Air	B10,B11
Injection System	B4,B5
Oil System	B1
Piston and Rod	A5
Service Kits and Miscellaneous	C6
Starter	B8
Starter Parts	B9
Tank, Fuel	B12
OPTIONAL PARTS SECTION	
Cable and Helmet	D3
Cover, Canvas	D3
Dolly	D2
Filter, Oil (Heavy Duty)	D3

INTRODUCTION

This catalog applies to the standard 200 ampere DJB Welder as listed in the Welder Data Table. The model designation shown began during 1969. Previously, the model designations did not use a decimal in the kilowatt rating. (Example: 6.0DJB was formerly 6DJB.) 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 welder nameplate, select parts that apply to your welder. Right and left sides are determined by facing the engine end (front) of the welder.

WELDER DATA TABLE

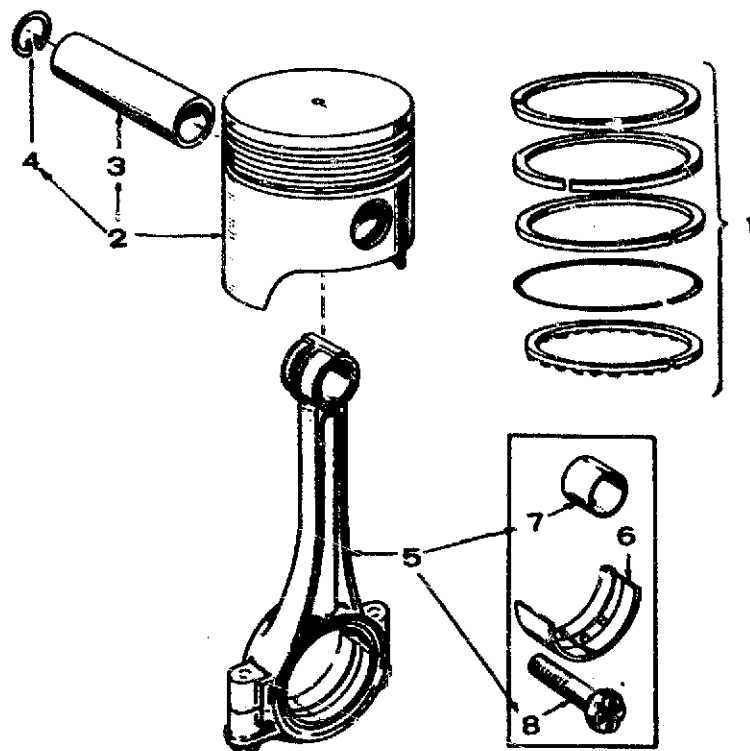
MODEL AND SPECIFICATION NUMBER	ELECTRICAL DATA					
	DC OUTPUT			AC OUTPUT		
	AMPS	VOLTS	DUTY CYCLE	WATTS	VOLTS	HERTZ
6.0DJB-331E/*	200	28	50%	3500	120	60
6.0DJB-332E/*	200	28	50%	3500	240	60
6.0DJB-5331E/*	200	28	50%	2500	120	50
6.0DJB-5332E/*	200	28	50%	2500	240	50

* - The diagonal line (/) in the model and specification number separates welder characteristics from the specification number and letter. The specification number denotes customer requested options or deviations from a standard (1R, 1S, 1T) model. The specification letter advances (R to S, S to T) with major manufacturing changes.

STANDARD PARTS SECTION

This section contains parts applicable to models listed in the welder data table.

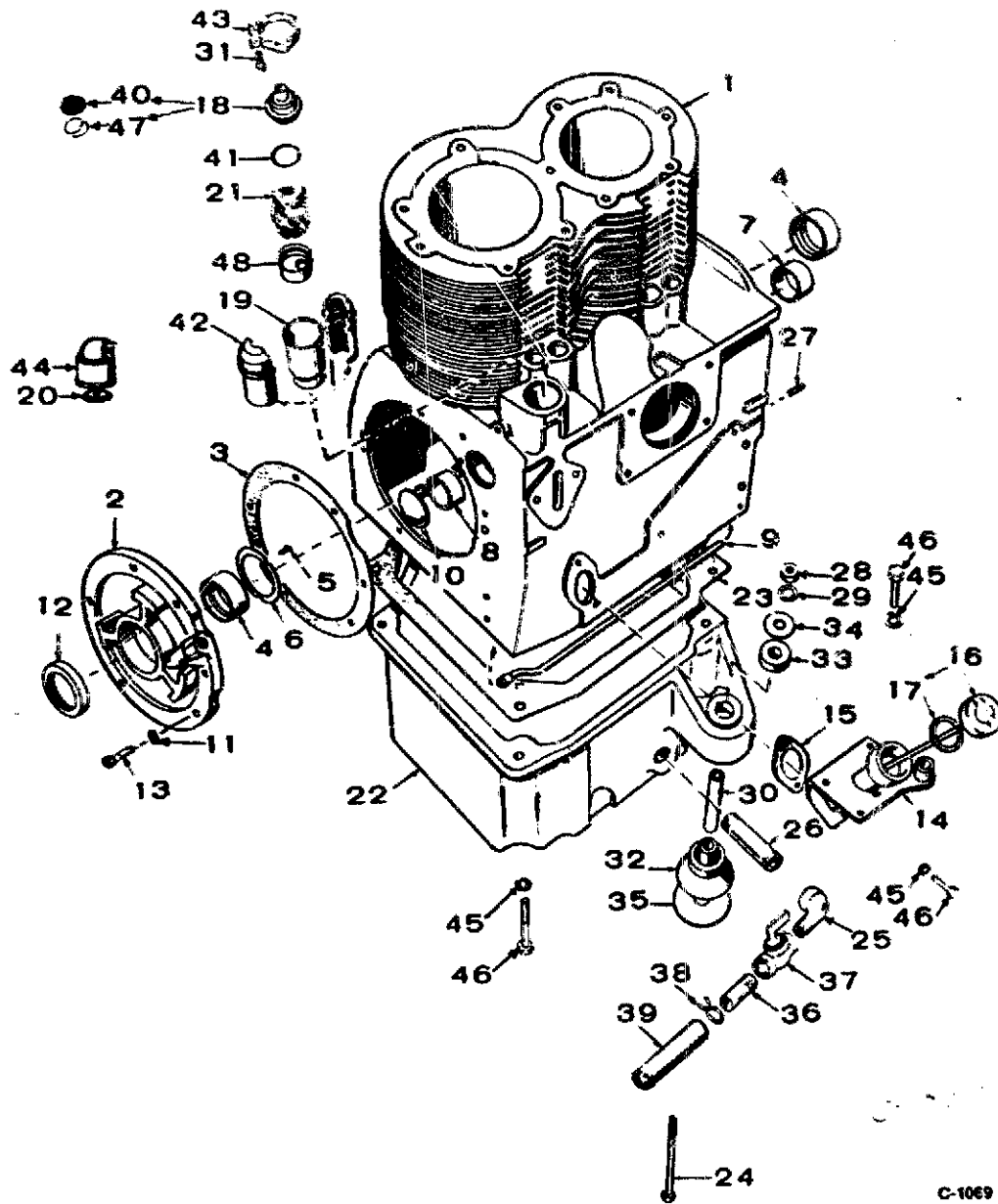
PISTON AND ROD



CT-1017

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	RING SET, PISTON		
	113-0130	2	Standard
	113-0130-05	2	.005" Oversize
	113-0130-10	2	.010" Oversize
	113-0130-20	2	.020" Oversize
	113-0130-30	2	.030" Oversize
	113-0130-40	2	.040" Oversize
2	PISTON & PIN (Includes Pin Retaining Rings)		
	112-0175	2	Standard
	112-0175-05	2	.005" Oversize
	112-0175-10	2	.010" Oversize
	112-0175-20	2	.020" Oversize
	112-0175-30	2	.030" Oversize
	112-0175-40	2	.040" Oversize
3	112-0093	2	Pin, Piston
4	112-0085	4	Ring, Retaining
5	114-0168	2	Rod Assembly, Connecting
6	BEARING HALF, CONNECTING ROD		
	114-0164	4	Standard
	114-0164-02	4	.002" Undersize
	114-0164-10	4	.010" Undersize
	114-0164-20	4	.020" Undersize
	114-0164-30	4	.030" Undersize
7	114-0170	4	Bushing, Piston Pin Connecting Rod
8	805-0012	4	Bolt, Place (Special)

CYLINDER BLOCK AND OIL BASE



C-1069

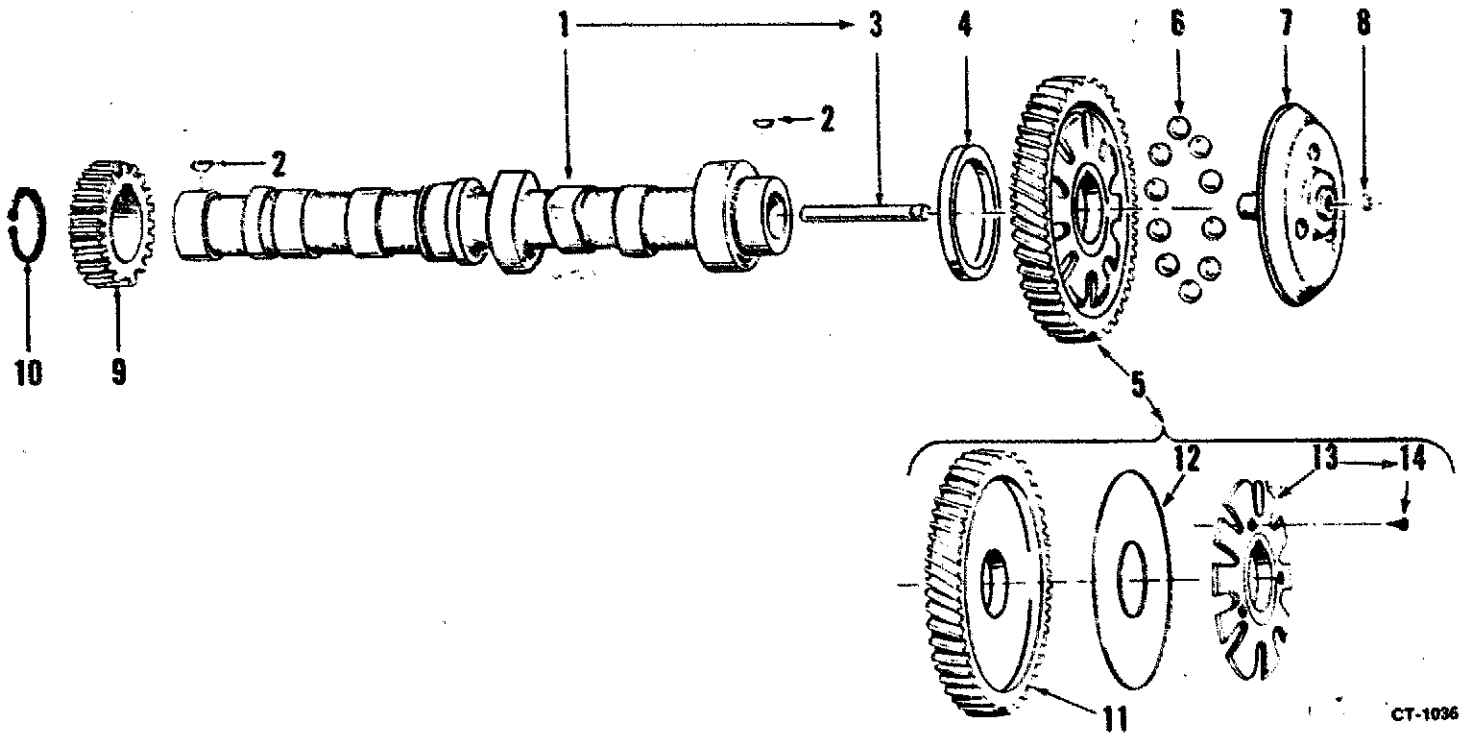
CYLINDER BLOCK AND OIL BASE

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	402-0355	1	Hardware Package, Mounting (Includes Parts Marked +)	26	505-0078	1	Nipple, Pipe (1/2" x 2-1/2")
1	110-1330	1	Block Assembly, Cylinder (Includes Valve Tappets and Parts Marked *)	27	516-0141	2	*Pin, Gearcase Alignment
2	101-0337	1	*Plate, Rear Bearing	28	862-0004	4	+Nut, Hex (7/16")
3	101-0386	1	*Gasket and Shim Kit, Rear Bearing Plate (Includes Bearing Plate Mounting Washers)	29	850-0055	4	+Washer, Lock - Spring (7/16")
4	BEARING, PRECISION MAIN			30	402-0290	4	+Bushings, Spacer
	101-0359	2	*Standard	31	809-0035	1	Screw, Machine - Round Head Sheet Metal (#8 x 3/4") Begin Spec S
	101-0359-02	2	.002" Undersize	32	CUSHION, VIBRATION		
	101-0359-10	2	.010" Undersize		402-0284	2	Engine End
	101-0359-20	2	.020" Undersize		402-0285	2	Generator End
	101-0359-30	2	.030" Undersize	33	402-0282	4	+Snubber, Shock Mounting
5	516-0072	4	*Screw, Drive	34	526-0014	4	+Washer, Flat (29/64" ID x 1-1/2" OD x 1/8" Thk)
6	104-0420	2	*Washer, Crankshaft Thrust	35	526-0195	8	+Washer, Flat (29/64" ID x 3-1/4" OD x 1/8" Thk) Use as Required
7	101-0363	1	*Bearing, Camshaft Front	36	505-0100	1	Nipple, Pipe - Close (1/2")
8	101-0365	1	*Bearing, Camshaft Rear	37	504-0011	1	Valve, Oil Drain
9	120-0553	1	*Tube, Crankcase Oil	38	503-0197	1	Clamp, Hose
10	517-0053	1	*Plug, Expansion - Rear Camshaft Opening	39	503-0564	1	Hose, Oil Drain
11	526-0245	6	*Washer, Flat (Special)	40	123-1202	1	Screen, Breather - Begin Spec S
12	509-0086	1	Seal, Crankshaft Rear	41	509-0117	1	Seal, "O" Ring - Breather Tube - Begin Spec S
13	805-0019	6	*Bolt, Place (Special)	42	123-0998	2	Insulator Halves, Breather Tube - Begin Spec S
14	TUBE, OIL FILL			43	518-0268	1	Clamp, Breather Tube Insulator - Begin Spec S
	123-0681	1	Spec R	44	123-0787	1	Cap, Breather - Spec R
	123-1085	1	Begin Spec S	45	WASHER, LOCK - SPRING		
15	123-0667	1	Gasket, Oil Fill Tube		850-0055	4	7/16" - Oil Base Mounting
16	CAP AND INDICATOR				850-0045	5	5/16" - Oil Fill Tube (2) and Fuel Filter Adapter (3) Mounting
	123-0651	1	Spec R	46	SCREW, CAP - HEX HEAD		
	123-1058	1	Begin Spec S		800-0072	4	7/16-14 x 1-1/4" - Oil Base Mounting
17	123-0191	1	Gasket, Cap		800-0026	5	5/16-18 x 3/4" - Oil Fill Tube (2) and Fuel Filter Adapter (3) Mounting
18	123-1203	1	Cap and Valve Assembly, Breather (Includes Screen and Retainer) Begin Spec S	47	123-1201	1	Retainer, Breather Screen - Begin Spec S
19	*TUBE, BREATHER			48	123-1153	1	Baffle Cup and Holder, Breather - Begin Spec S
	123-0645	1	Spec R				
	123-0952	1	Begin Spec S				
20	123-0315	1	Valve, Breather - Spec R				
21	123-1283	1	Filter, Breather Tube				
22	102-0540	1	Base, Oil				
23	102-0451	1	Gasket, Oil Base				
24	800-0082	2	+Screw, Cap - Hex Head (7/16-14 x 3-3/4") Engine End				
25	505-0050	1	Elbow, Pipe - Street (1/2" x 90°)				

+ - Parts Included in 402-0355 Mounting Hardware Package

* - Parts Included in 110-1330 Cylinder Block Assembly

CAMSHAFT



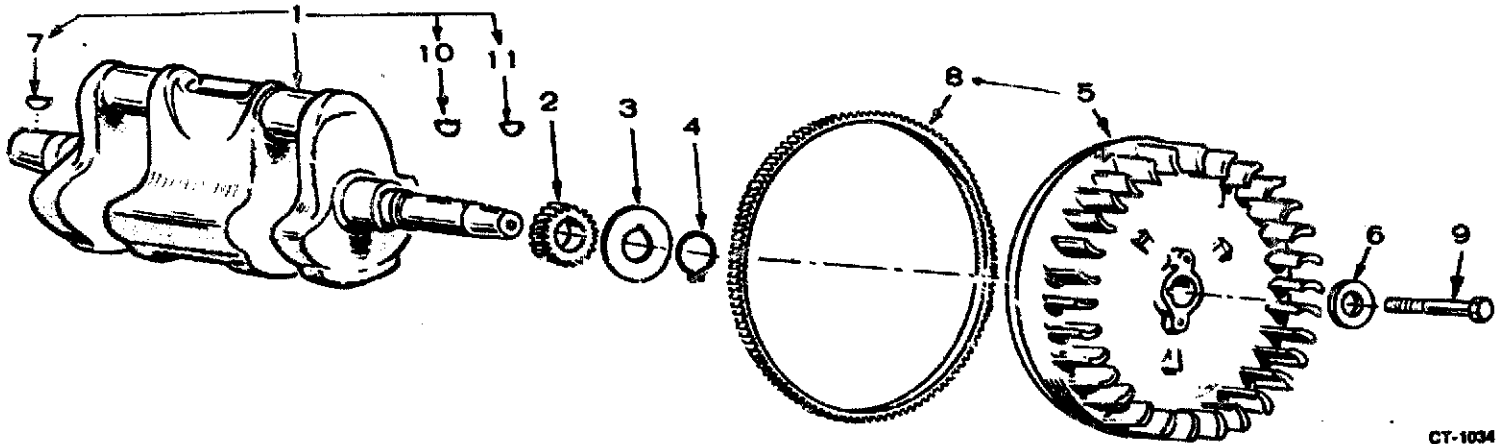
CT-1036

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	105-0271	1	Camshaft (Includes Center Pin)
2	515-0001	2	Key, Camshaft and Distributor Gear
3	150-0075	1	Pin, Center
4	105-0205	1	Washer, Thrust
5	105-0218	1	Gear Assembly, Camshaft (Includes Parts Marked *)
6	FLYBALL, GOVERNOR		
	510-0046	5	Spec R
	510-0046	10	Begin Spec S
7	150-0775	1	Cup, Governor
8	150-0078	1	Ring, Center Pin
9	147-0142	1	Gear, Injection Pump Drive
10	518-0195	1	Ring, Injection Pump Drive Gear
11	105-0465	1	*Gear, Camshaft
12	150-0773	1	*#Plate, Governor Flyball
13	150-1842	1	*#Spacer Kit, Governor Flyball (Includes Mounting Screws)
14	815-0506	3	*Screw, Spacer Mounting (Special)

* - Parts Included in 105-0218 Camshaft Gear Assembly

- Camshaft Gear Assemblies With Rivets Order 105-0218 Camshaft Gear Assembly

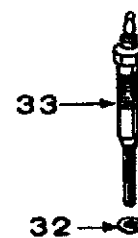
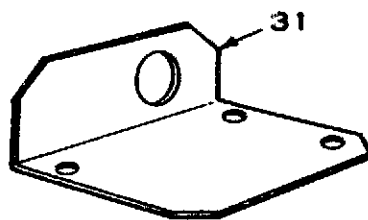
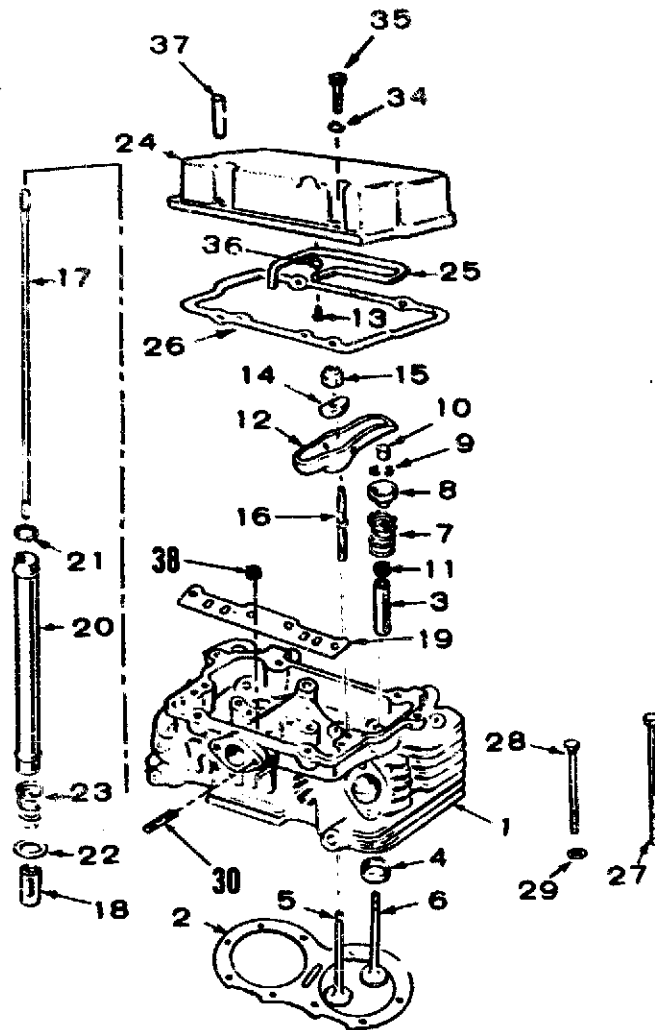
CRANKSHAFT AND FLYWHEEL



CT-1034

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	104-1285	1	Crankshaft Kit (Includes All Keys)
2	104-0418	1	Gear, Crankshaft
3	104-0416	1	Washer, Retainer
4	518-0188	1	Ring, Lock
5	191-0408	1	Flywheel Assembly (Includes Ring Gear)
6	526-0185	1	Washer, Flat (15/32" ID x 1-1/2" OD x 3/8" Thk)
7	515-0006	1	Key, Blower to Crankshaft
8	104-0423	1	Gear, Ring
9	800-0500	1	Screw, Flywheel Mounting (Special)
10	515-0001	1	Key, Gear to Crankshaft
11	515-0153	1	Key, Flywheel to Crankshaft

CYLINDER HEAD



C-1068

CYLINDER HEAD

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	403-0707	1	Bracket Kit, Lifting (Includes Parts Marked *)
1	HEAD KIT, CYLINDER (Includes Cylinder Head Connector)		
	110-2940	1	With Valves (Includes Parts Marked ‡)
	110-2941	1	‡Without Valves (Includes Parts Marked #)
2	110-1223	1	Gasket, Head
3	★GUIDE, VALVE		
			Early Style
	110-1501	4	Standard
	110-1501-01	4	.001" Oversize
	110-1501-05	4	.005" Oversize
			Late Style
	110-1869	2	‡#Intake
	110-1870	2	‡#Exhaust
4	INSERT, VALVE SEAT		
	110-1268	4	‡#Standard
	110-1268-02	4	.002" Oversize
	110-1268-05	4	.005" Oversize
	110-1268-10	4	.010" Oversize
	110-1268-25	4	.025" Oversize
5	★VALVE, INTAKE		
	110-1320	2	Early Style
	110-1871	2	‡Late Style
6	110-1278	2	‡Valve, Exhaust
7	110-1221	4	‡Spring, Valve
8	110-1220	4	‡Retainer, Valve Spring
9	110-0858	8	‡Lock, Valve Spring Retainer
10	110-0859	4	Cap, Valve Stem
11	★SEAL, OIL - Intake Valve		
	509-0090	2	Early Style
	509-0132	2	‡Late Style
12	ARM, ROCKER		
	115-0128	2	Exhaust
	115-0129	2	Intake
13	815-0562	1	ΔScrew, Machine - Cross Recessed Pan Head (#10 x 5/16")
14	115-0127	4	Ball, Rocker Arm
15	115-0150	4	Nut, Lock - Rocker Arm
16	115-0152	4	‡Stud, Rocker Arm
17	115-0149	4	Rod, Valve Push
18	115-0195	4	Tappet, Valve
19	115-0196	1	‡#Guide, Push Rod
20	115-0151	4	Shield, Push Rod
21	509-0084	8	Seal, Push Rod Shield
22	115-0155	8	Washer, Spring Retaining
23	115-0146	4	Spring, Shield Retainer
24	115-0134	1	Cover Assembly, Rocker (Includes Parts Marked Δ)
25	120-0626	1	ΔLine, Oil - Rocker Cover
26	115-0130	1	Gasket, Rocker Cover
27	110-1264	5	Screw, Cylinder Head Mounting (Special)
28	800-0503	6	*Screw, Cylinder Head Mounting (Special) One Screw Included in Lifting Bracket Kit
29	526-0174	5	Washer, Flat (13/32" ID x 25/32" OD x 0.1345 Thk)
30	520-0011	2	‡Stud, Air Cleaner Adapter Mounting
31	403-0825	1	*Bracket, Lifting
32	110-0546	2	Gasket, Glow Plug
33	333-0106	2	Plug, Glow - Includes Gasket
34	WASHER, LOCK - SPRING		
	850-0045	4	5/16" - Rocker Cover and Lifting Bracket Mounting
	850-0060	1	*1/2" - Lifting Bracket Mounting

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
35	SCREW, CAP - HEX HEAD - Rocker Cover and Lifting Bracket Mounting		
	800-0030	2	5/16-18 x 1-1/4"
	800-0038	2	*5/16-18 x 3-1/4"
	800-0091	1	*1/2-13 x 1-1/4"
36	526-0130	1	ΔWasher, Flat (17/64" ID x 1" OD x 1/16" Thk)
37	403-0826	2	*Spacer, Lifting Bracket
38	PLUG, PIPE (1/8")		
	505-0274	1	‡Countersunk Hex Head
	505-0008	1	#Slotted

* - Parts Included in 403-0707 Lifting Bracket Kit

‡ - Parts Included in 110-2940 Cylinder Head Kit

- Parts Included in 110-2941 Cylinder Head Kit

Δ - Parts Included in 115-0134 Rocker Cover Assembly

★ - **NOTE:** Due to manufacturing changes, replacement parts for the intake valve, valve guide and valve stem oil seal must be used in the proper combination:

The 509-0090 oil seal must be used with the 110-1320 intake valve and the 110-1501 valve guide.

The 509-0132 oil seal must be used with the 110-1871 intake valve and the 110-1869 valve guide.

For identification, Figure 1 illustrates the top view of the valves and Figure 2 illustrates a cross section of the valve stem oil seals.

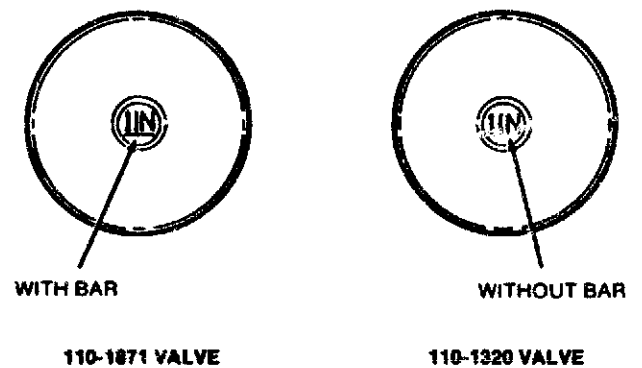


FIGURE 1. VALVE IDENTIFICATION

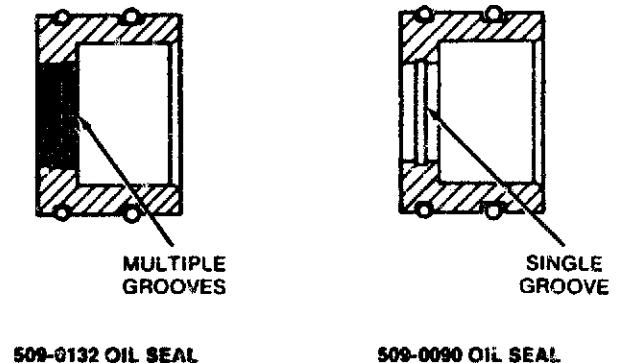
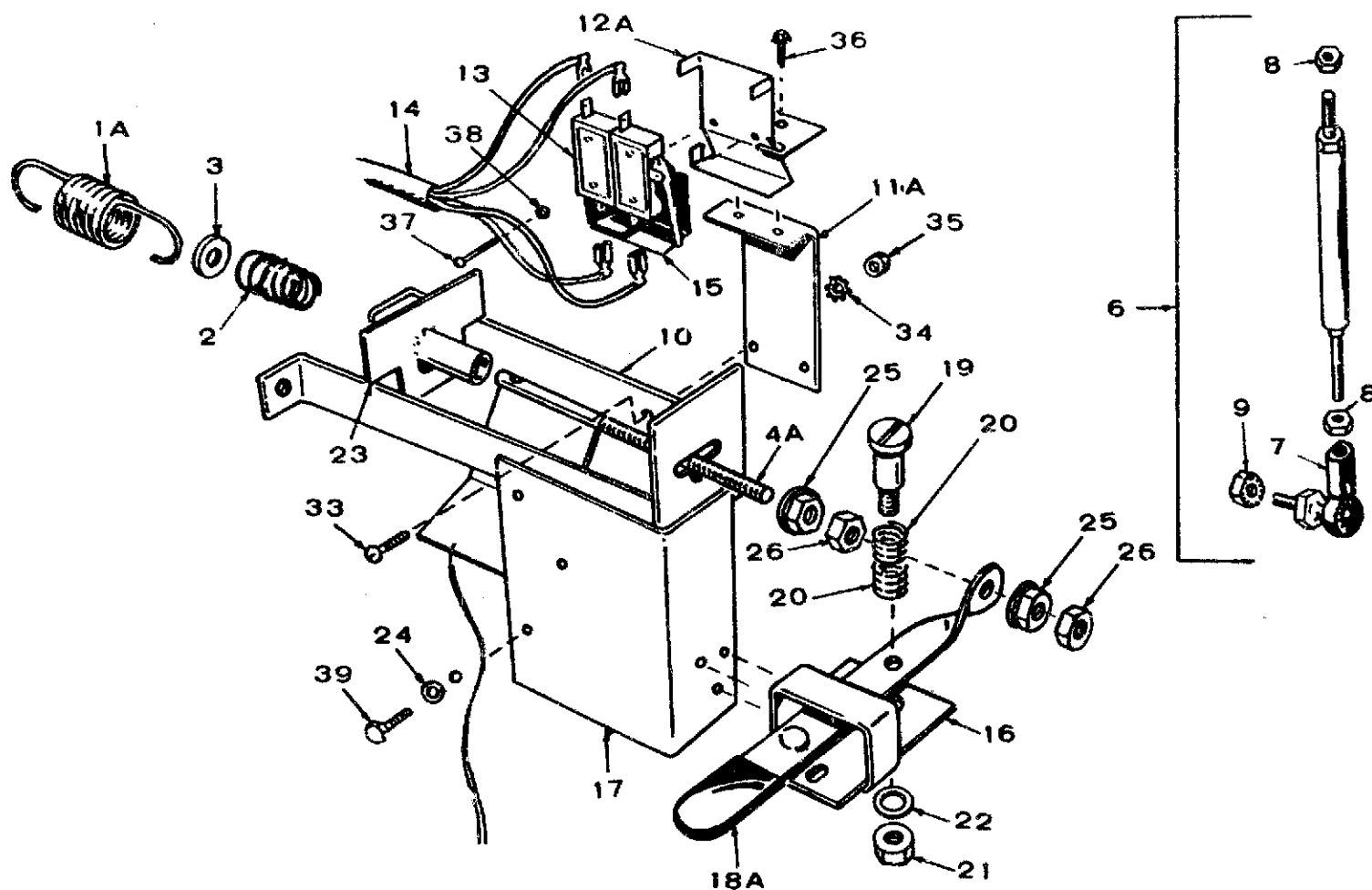
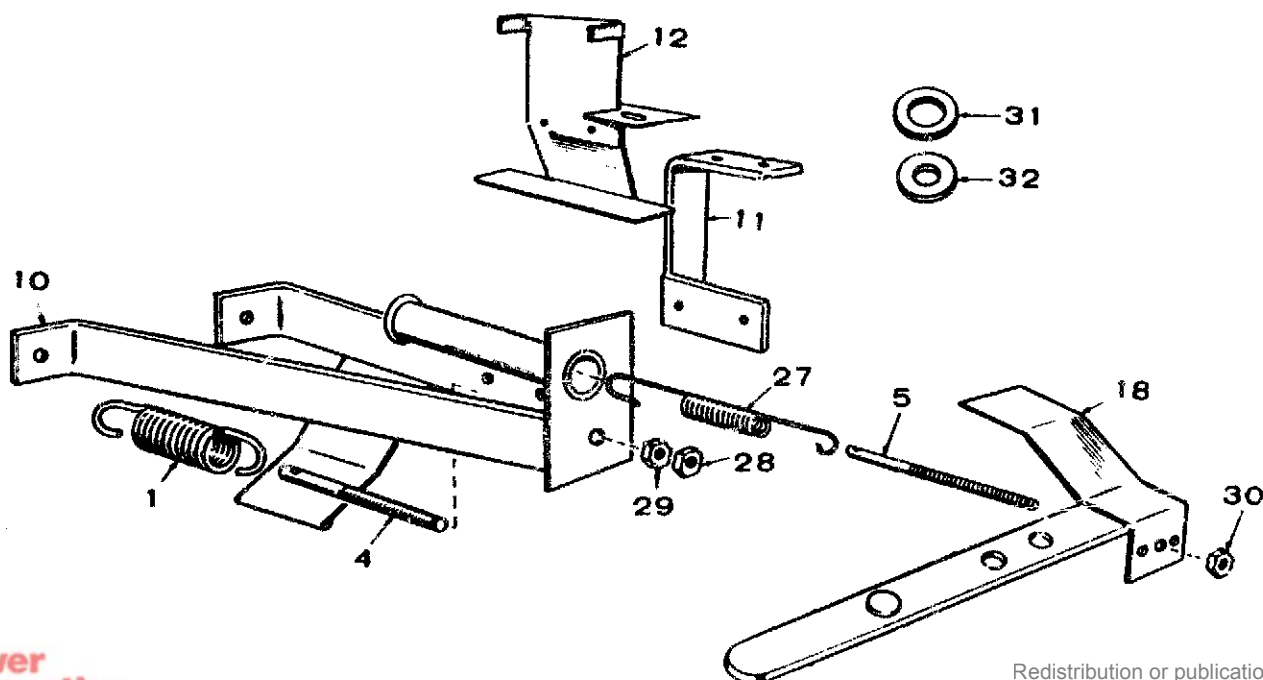


FIGURE 2. OIL SEAL IDENTIFICATION

GOVERNOR



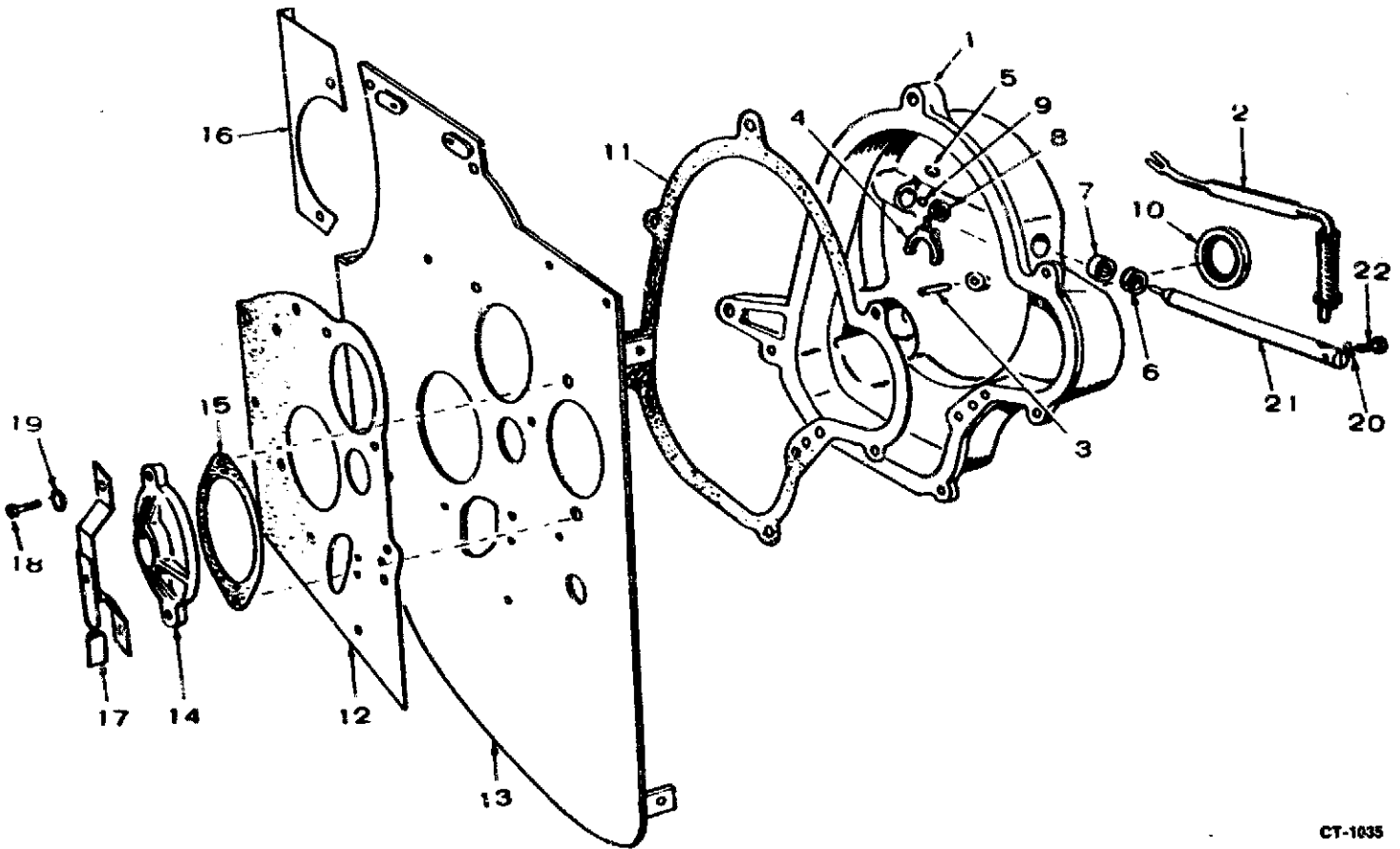
NOTE: These parts used on early Spec R Models Only.



GOVERNOR

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
SPRING, GOVERNOR							
1	150-1233	1	Early Spec R Models	19	150-1146	1	Screw, Adjustment
1A	150-1085	1	Use Began During Spec R	20	150-0907	2	Spring, Adjustment Screw
2	306-0166	1	Spring, Activator - Use Began During Spec R	21	115-0025	1	Nut, Tappet (1/4-28)
3	526-0201	1	Washer, Governor Rod	22	850-0040	1	Washer, Lock (1/4)
STUD, GOVERNOR ADJUSTING				23	150-1247	1	Plate, Governor Switch
4	150-1083	1	Early Spec R Models	24	850-0040	6	Lockwasher (1/4")
4A	150-1246	1	Use Began During Spec R	25	870-0084	2	Nut (with shoulder) 1/4-20
5	150-0096	1	Stud, Adjusting - Variable Speed - Early Spec R Models	26	362-0001	2	Nut, Lock (1/4-20)
6	150-1132	1	Linkage Assembly, Governor (Includes Parts Marked *)	27	150-1162	1	Spring, Governor, Variable Speed - Early Spec R Models
7	JOINT, BALL			28	870-0130	1	Nut, Lock, Adjusting Stud - Early Spec R Models
	150-1358	1	*Governor End	29	862-0003	1	Nut, Adjusting Stud - Early Spec R Models
	150-0939	1	Injection Pump End (Included With Injection Pump)	30	870-0129	1	Nut (Nylon) - Governor Stud - Early Spec R Models
8	871-0010	2	*Nut, Hex - Linkage	31	526-0143	2	Washer (1/4" ID x 3/8" OD) - Adjustment Screw - Early Spec R Models
9	870-0131	2	*Nuts, Keps - Ball Joint (1 Nut Included With Injection Pump)	32	526-1015	1	Washer, Flat (1/4") - Adjustment Screw, Early Spec R Models
10	150-1144	1	Bracket and Plate Assembly (Replaces early style w/tube)	33	813-0100	2	Screw, Round Head (10-32 x 1/2")
BRACKET, MICROSWITCH MOUNTING				34	853-0008	2	Lockwasher (#10)
11	150-1150	1	Early Spec R Models	35	861-0008	2	Nut, Hex (10-32)
11A	150-1248	1	Use Began During Spec R	36	815-0181	2	Screw, Hex Head, Thread Cutting with Lockwasher (10-32 x 1/2")
BRACKET, MICROSWITCH				37	812-0066	2	Screw, Round Head (6-32 x 3/4")
12	152-0112	1	Early Spec R Models	38	850-0020	2	Lockwasher (#6)
12A	152-0174	1	Use Began During Spec R	39	800-0004	6	Screw, Hex Head (1/4-20 x 5/8")
13	308-0151	1	Switch, Micro	* - Parts Included in 150-1132 Governor Linkage Assembly			
14	338-0461	1	Harness, Micro Switch				
15	152-0119	1	Insulator, Terminal - Switch				
16	150-1147	1	Bracket, Lever				
17	150-0917	1	Bracket, Stiffener				
LEVER, MANUAL GOVERNOR							
18	150-1148	1	Early Spec R Models				
18A	150-1261	1	Use Began During Spec R				

GEARCASE



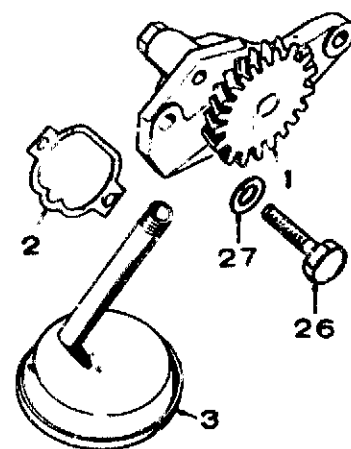
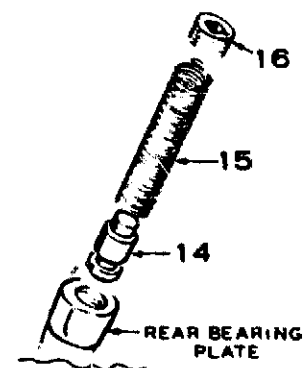
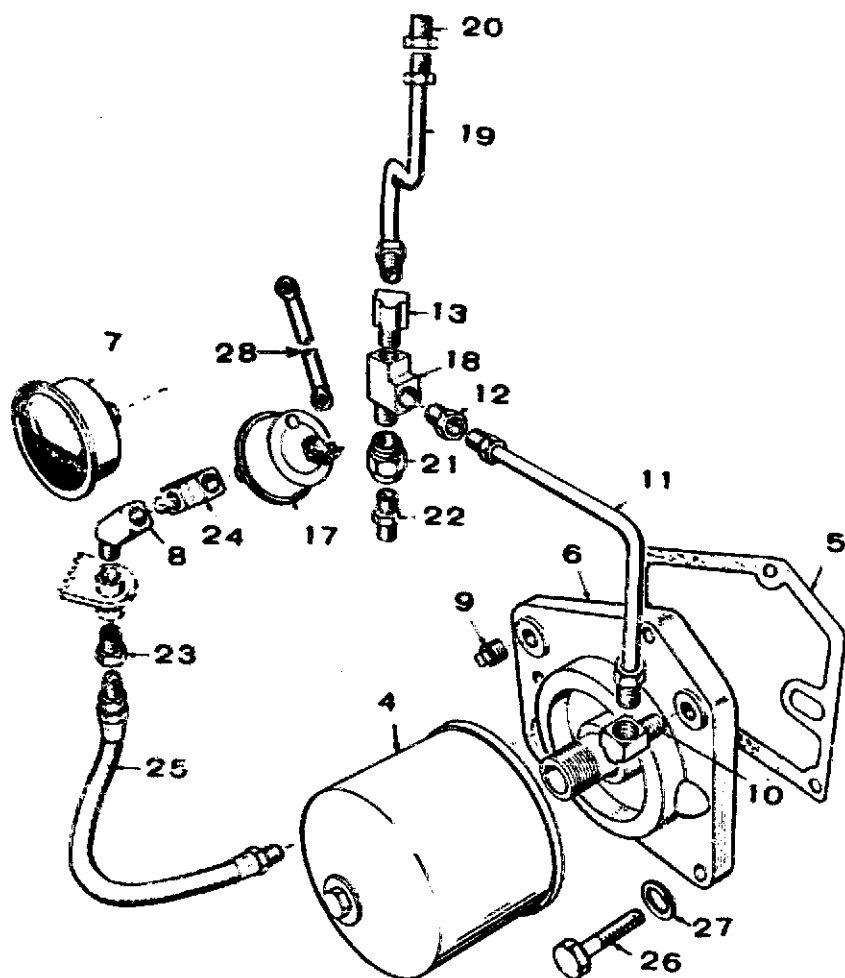
CT-1035

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	GEARCASE ASSEMBLY (Includes Parts Marked *)		
	103-0277	1	Spec R, S
	103-0366	1	Begin Spec T
2	150-1095	1	Arm, Governor
3	516-0111	1	*Pin, Governor Cup Stop
4	150-0777	1	*Yoke, Governor
5	518-0129	1	*Ring, Yoke Retaining
6	509-0088	1	*Seal, Governor Shaft
7	510-0048	1	*Bearing, Shaft - 1/2" Shaft
8	510-0082	1	*Bearing, Shaft - 1/4" Shaft
9	510-0043	1	*Ball, Governor Shaft Thrust
10	509-0087	1	*Seal, Oil
11	103-0251	1	Gasket, Gearcase
12	103-0218	1	Gasket, Backplate
13	103-0271	1	Backplate

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
14	103-0221	1	Cover, Backplate Opening
15	160-0721	1	Gasket, Backplate Opening Cover
16	134-1532	1	Baffle, Backplate
17	147-0236	1	Arm and Bracket, Manual Stop
18	800-0051	2	Screw, Cap - Hex Head (3/8-16 x 1-1/4")
19	850-0050	2	Washer, Lock - Spring (3/8")
20	850-0025	1	*Washer, Lock - Spring (#8)
21	150-0838	1	*Shaft, Governor
22	815-0176	1	*Screw, Machine - Hex Head (#8-32 x 1/2")

* - Parts Included in Gearcase Assemblies

OIL SYSTEM



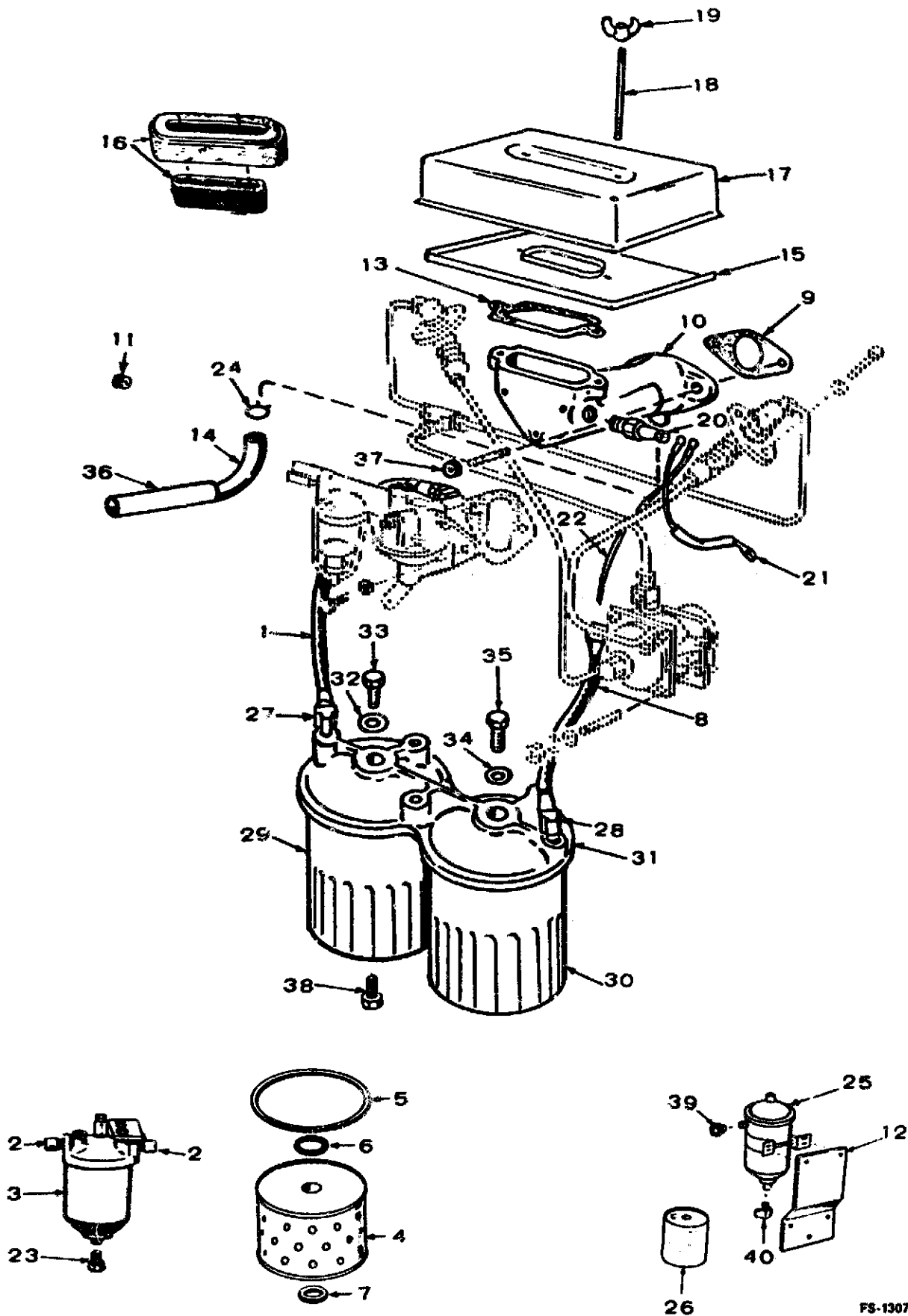
FS-1065

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	120-0547	1	Pump, Oil
2	120-0580	1	Gasket Kit, Oil Pump
3	120-0551	1	Cup, Oil Pump Intake
4	122-0185	1	Filter, Oil (4-3/8")
5	122-0188	1	Gasket, Filter Adapter
6	122-0182	1	Adapter, Oil Filter
7	193-0006	1	Gauge, Oil Pressure
8	502-0053	1	Elbow - 45° - Oil Pressure Switch (Also 1 for Oil Gauge Mounting - Spec R)
9	505-0057	1	Plug, Pipe - Square Head (1/8")
10	502-0037	1	Elbow, Inverted Male - Oil Line to Filter Adapter
11	120-0614	1	Line, Adapter to Injection Pump Tee
12	502-0274	1	Connector, Inverted Male, Injection Pump Lubrication Tee
13	502-0037	1	Elbow, Injection Pump - Lubrication Tee
14	120-0539	1	Valve, Oil By-Pass
15	120-0555	1	Spring, By-Pass Valve
16	505-0274	1	Plug, Pipe - Countersunk (1/8") Oil By-Pass

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
17	309-0177	1	Switch, Oil Pressure
18	502-0242	1	Tee, Restricted - Injection Pump Lubrication
19	120-0633	1	Line, Oil - Injection Pump Tee to Cylinder Head
20	502-0281	1	Connector, Oil Line to Cylinder Head
21	502-0051	1	Coupling, Tee to Injection Pump
22	502-0082	1	Nipple, Tee to Injection Pump
23	502-0003	1	Connector, Oil Fill Bracket to Oil Line - Begin Spec S
24	502-0058	1	Tee, Oil Fill Bracket to Gauge & Switch - Begin Spec S
25	501-0003	1	Line, Oil - Begin Spec S
26	SCREW, CAP - HEX HEAD 800-0030	2	Oil Pump Mounting (5/16-18 x 1-1/4")
	800-0028	3	Oil Filter Adapter Mounting (5/16-18 x 1")
27	WASHER, LOCK - SPRING (5/16")		
	850-0045	2	Oil Pump Mounting
	850-0045	3	Oil Filter Adapter Mounting
28	336-1348	1	Lead, Oil Pressure Switch to Control (32")

Redistribution or reproduction of this document by any means, is strictly prohibited.

AIR CLEANER AND FUEL FILTERS

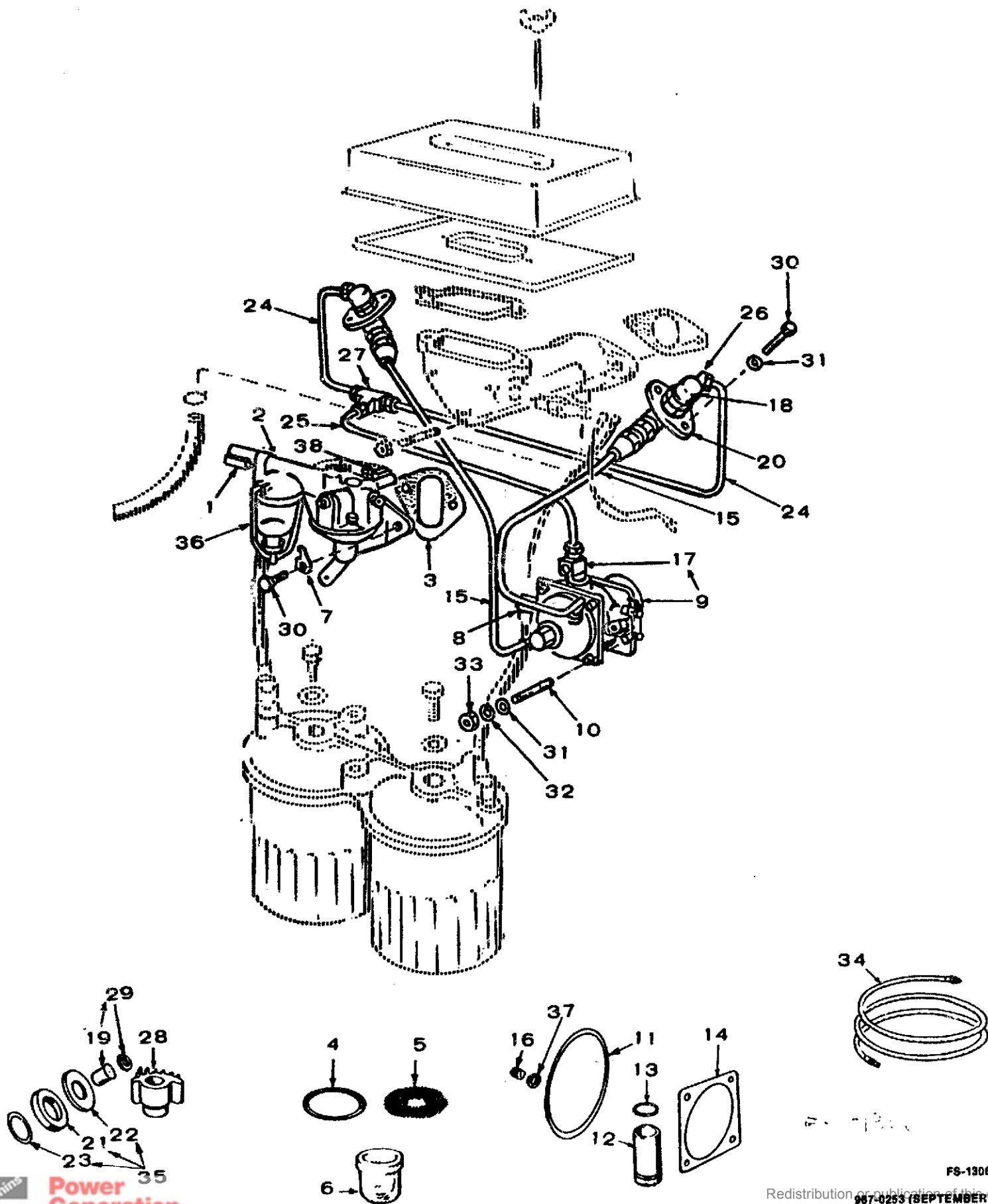


FS-1307

AIR CLEANER AND FUEL FILTERS

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	LINE, FUEL - PUMP TO PRIMARY FILTER			22	336-1418	1	Lead, Air Heater to Solenoid in Control
	501-0032	1	Spec R	23	149-0769	1	Plug, Air Bleed - Secondary Filter - Spec R
	501-0003	1	Begin Spec S	24	503-0170	2	Clamp, Breather Hose
2	502-0041	2	Elbow, inverted Male - Secondary Filter Inlet and Outlet - Spec R	25	149-1078	1	Filter, Fuel - Tank to Transfer Pump - Spec R
3	149-0408	1	Filter, Secondary Fuel - Includes Cartridge - Spec R	26	149-0846	1	Cartridge, Fuel Filter (For 149-1078 Filter) Spec R
4	149-0428	1	Cartridge, Secondary Fuel Filter - Spec R	27	502-0002	1	Elbow, Primary Fuel Filter Inlet - Begin Spec S
5	149-0456	1	Gasket, Secondary Filter - Bowl to Cover - Spec R	28	502-0099	1	Elbow, Reducer - Secondary Fuel Filter Outlet - Begin Spec S
6	149-0455	1	Gasket, Secondary Filter Cartridge to Head - Spec R	29	122-0325	1	Filter, Primary Fuel - Begin Spec S
7	149-0493	1	Gasket, Secondary Filter Cartridge to Retainer - Spec R	30	122-0326	1	Filter, Secondary Fuel - Begin Spec S
8	LINE, FUEL - SECONDARY FILTER TO INJECTION PUMP			31	149-1185	1	Adapter, Fuel Filters - Begin Spec S
	501-0091	1	Spec R	32	526-0068	1	Washer, Flat (29/64" ID x 3/4" OD x 1/16" Thk) Begin Spec S
	501-0129	1	Begin Spec S	33	801-0074	1	Screw, Cap - Hex Head (7/16-20 x 1-3/4") Begin Spec S
9	141-0281	1	Gasket, Air Cleaner Adapter to Cylinder Head	34	526-0066	1	Washer, Flat (25/64" ID x 9/16" OD x 1/16" Thk) Begin Spec S
10	140-1748	1	Adapter, Air Cleaner	35	801-0053	1	Screw, Cap - Hex Head (3/8-24 x 1-3/4") Begin Spec S
11	505-0180	1	Plug, Pipe (1/4") Air Cleaner Adapter - Used on Some Early Models	36	503-0559	1	Insulator, Breather Hose - Begin Spec S
12	149-1124	1	Bracket, Fuel Filter Mounting - Spec R	37	870-0137	2	Nut, Hex - Self Locking (5/16-24)
13	140-0584	1	Gasket, Air Cleaner	38	502-0080	2	Plug, Drain - Fuel Filters - Begin Spec S
14	HOSE, BREATHER			39	502-0029	2	Bushing - Fuel Filter to Lines - Spec R
	503-0462	1	Spec R	40	502-0054	1	Elbow, Filter Outlet - Spec R
	503-0557	1	Begin Spec S				
15	140-0595	1	Pan, Air Cleaner				
16	140-0636	1	Element and Retainer, Air Cleaner				
17	140-0594	1	Cover, Air Cleaner				
18	520-0621	2	Stud, Air Cleaner				
19	865-0020	2	Nut, Wing - Air Cleaner				
20	154-0712	1	Heater, Manifold - Includes Gasket				
21	LEAD, GLOW PLUG TO AIR HEATER						
	336-1504	1	No. 1 Cylinder (12-1/4" Long)				
	336-1505	1	No. 2 Cylinder (5-1/4" Long)				

INJECTION SYSTEM



FS-1308

Redistribution or publication of this document by any means, is strictly prohibited.

INJECTION SYSTEM

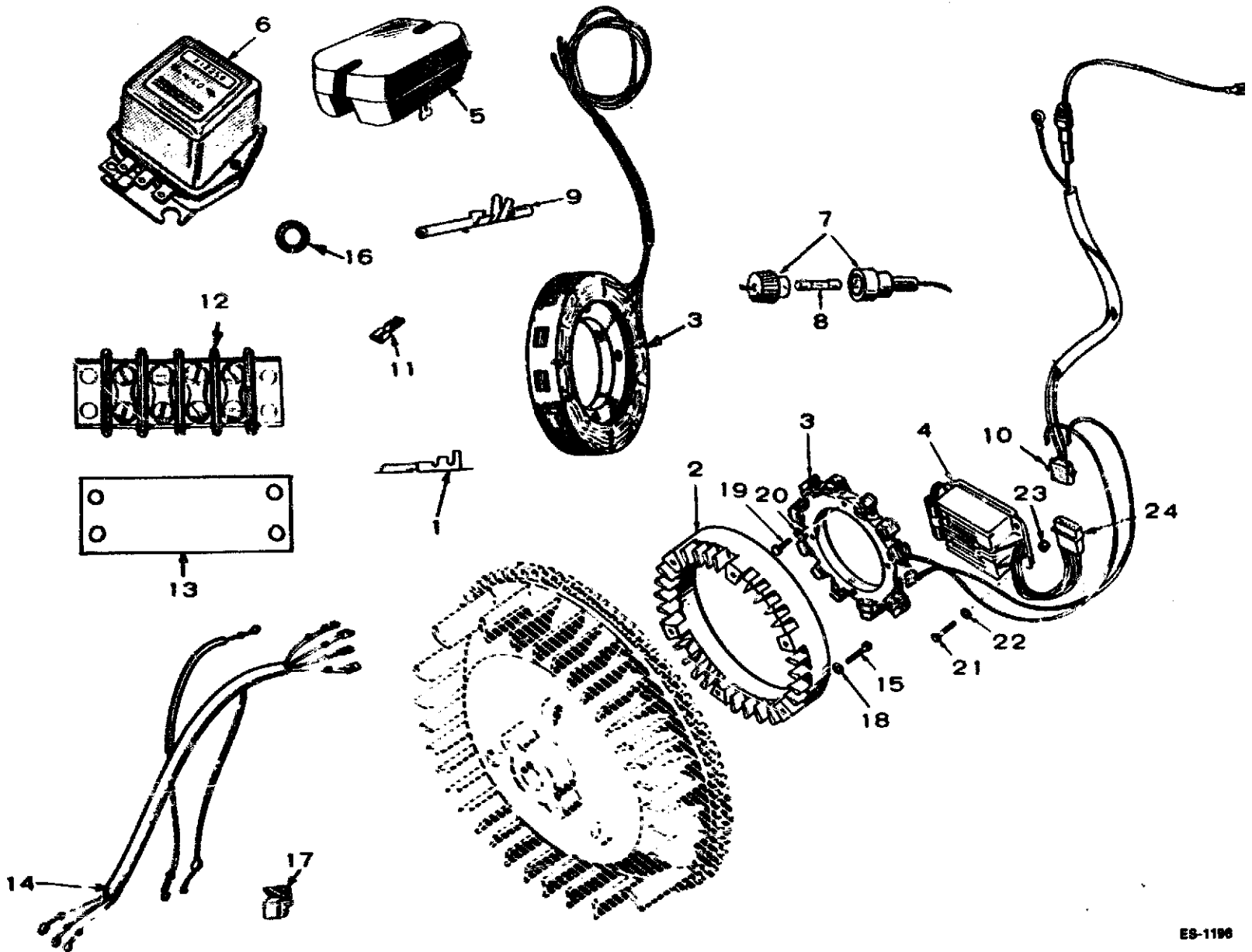
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	149-1046	1	Repair Kit, Fuel Pump (Includes Diaphragm and Gaskets)
1	502-0002	1	Elbow, Fuel Pump Inlet
2	149-0979	1	Pump, Fuel Transfer
3	149-0792	1	Gasket, Fuel Transfer Pump Mounting
4	149-0517	1	Gasket, Fuel Pump Bowl
5	149-0463	1	Screen, Fuel Pump Filter
6	149-0116	1	Bowl, Fuel Pump
7	149-1307	2	Stiffener, Fuel Pump Mounting
8	ELBOW, INJECTION PUMP INLET		
	502-0054	1	Spec R
	502-0039	1	Begin Spec S
9	147-0219	1	Pump Kit, Injection (Includes Ball Joint, Nut and Parts Marked #)
10	520-0129	4	Stud, Injection Pump Mounting
11	509-0094	1	#Seal, "O" Ring - Injection Pump to Crankcase
12	147-0182	1	#Tappet, Injection Pump
13	147-0196	1	#Gasket, "O" Ring - Injection Pump Tappet
14	147-0145	1	Shim Kit, Injection Pump Mounting
15	LINE, INJECTION PUMP TO NOZZLE		
	149-1101	1	No. 1 Cylinder
	149-1102	1	No. 2 Cylinder
16	BUTTON, INJECTION PUMP PLUNGER		
	147-0147	1	#.119 - Marked 1 or A
	147-0148	1	#.116 - Marked 2 or B
	147-0149	1	.113 - Marked 3 or C
	147-0150	1	.110 - Marked 4 or D
	147-0151	1	.107 - Marked 5 or E
	147-0161	1	.104 - Std., 11 or No Mark
	147-0152	1	.101 - Marked 6 or F
	147-0153	1	.098 - Marked 7 or H
	147-0154	1	.095 - Marked 8 or J
	147-0155	1	.092 - Marked 9 or K
	147-0156	1	.089 - Marked 10 or L
	147-0190	1	#.122 - Marked 12 or M
	147-0189	1	#.125 - Marked 13 or N
	147-0188	1	.128 - Marked 14 or P
	147-0187	1	.131 - Marked 15 or R
	147-0186	1	.134 - Marked 16 or S
17	147-0183	1	#Valve, Bleeder
18	147-0136	2	Nozzle and Holder Assembly (Includes Nozzle and Nozzle Gasket)

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
19	147-0134	2	Nozzle - Includes Nozzle Gasket
20	147-0141	2	Flange, Injection Nozzle Hold-down
21	147-0044	2	*Shield, Nozzle Heat (Steel)
22	147-0043	2	*Gasket, Nozzle Heat Shield (Asbestos)
23	110-0419	2	*Gasket, Shield to Head (Copper)
24	LINE, NOZZLE FUEL RETURN		
	149-1056	1	No. 1 Cylinder
	149-1057	1	No. 2 Cylinder
25	149-1058	1	Line, Injection Pump to Fuel Return Lines Tee
26	502-0065	2	Elbow, Nozzle (45°) Fuel Return Line
27	502-0102	1	Tee, Return Lines
28	ADAPTER, INJECTION NOZZLE		
	147-0133	1	No. 1 Cylinder
	147-0132	1	No. 2 Cylinder
29	147-0243	2	Gasket, Nozzle
30	SCREW, CAP - HEX HEAD		
	800-0508	4	Nozzle and Holder Assembly Mounting (Special)
	800-0027	2	Transfer Pump Mounting (5/16-18 x 7/8")
31	WASHER, FLAT		
	526-0122	4	Nozzle & Holder Mounting
	526-0022	4	Injection Pump Mounting
32	850-0045	4	Lockwashers, Injection Pump Mounting (5/16")
33	862-0015	4	Nut, Injection Pump Mounting (5/16-18)
34	LINE, FUEL		
	501-0015	1	Tank to Pump
	501-0131	1	Fuel Tank Return
35	147-0304	2	Nozzle Installation Kit, Fuel Injection (Includes Parts Marked *)
36	149-1006	1	Bail, Fuel Pump Bowl
37	147-0259	1	#Ring, Retaining - Timing Button
38	ELBOW, FUEL PUMP OUTLET		
	502-0002	1	Spec R
	502-0020	1	Begin Spec S

- Parts Included in 147-0219 Injection Pump Kit

* - Parts Included in 147-0304 Nozzle Installation Kit

CHARGING ALTERNATOR



ES-1196

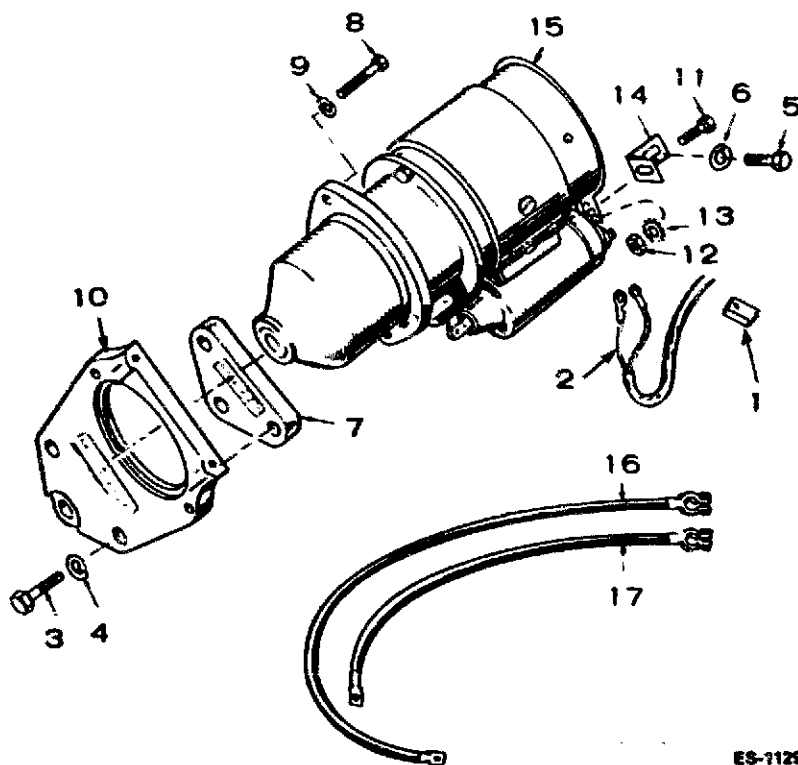
CHARGING ALTERNATOR

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	191-0833	1	Stator Assembly - Begin Spec T (Includes Parts Marked *)
1	323-0438	4	Pin, Connector
2	191-0400	1	Rotor
3	STATOR		
	191-0711	1	Spec R, S
	191-0724	1	*Begin Spec T
4	305-0478	1	Regulator, Voltage (Includes Rectifier) Begin Spec T
5	305-0348	1	Rectifier - Spec R, S
6	305-0261	1	Regulator, Voltage (2-Step) Spec R, S
7	HOLDER, FUSE		
	321-0103	1	Spec R, S
	321-0165	1	*Begin Spec T (Includes Fuse)
8	FUSE		
	321-0128	1	20 Amp - Spec R, S
	321-0162	1	*30 Amp - Begin Spec T
9	323-0488	4	*Socket, Connector - Begin Spec T
10	323-0759	1	*Connector, Socket Housing - Begin Spec T
11	332-0529	1	*Terminal, Crimp
12	332-0537	1	Block, Terminal (4 Place) Used on Some Early Models

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
13	332-0872	1	Strip, Marker - Used on Some Early Models
14	338-0463	1	Harness, Wiring - Voltage Regulator - Spec R, S
15	812-0133	6	Screw, Machine - Round Head (#12-24 x 1-1/2")
16	508-0071	1	Grommet, Rubber (Blower Housing) Spec R, S
17	518-0178	2	Clip, Cable - Begin Spec T
18	850-0035	6	Washer, Lock - Spring (#12)
19	SCREW, MACHINE - Stator Mounting		
	815-0110	4	Fillister Head (#10-32 x 7/8") Spec R, S
	813-0107	4	Round Head (#10-32 x 1-1/4") Begin Spec T
20	850-0030	4	Washer, Lock - Spring (#10)
21	800-0005	3	Screw, Cap - Hex Head (1/4-20 x 3/4") Begin Spec T
22	850-0040	3	Washer, Lock - Spring (1/4") Begin Spec T
23	862-0001	3	Nut, Hex (1/4-20) Begin Spec T
24	323-0763	1	Connector, Pin Housing - Begin Spec T

* - Parts Included in 191-0833 Stator Assembly

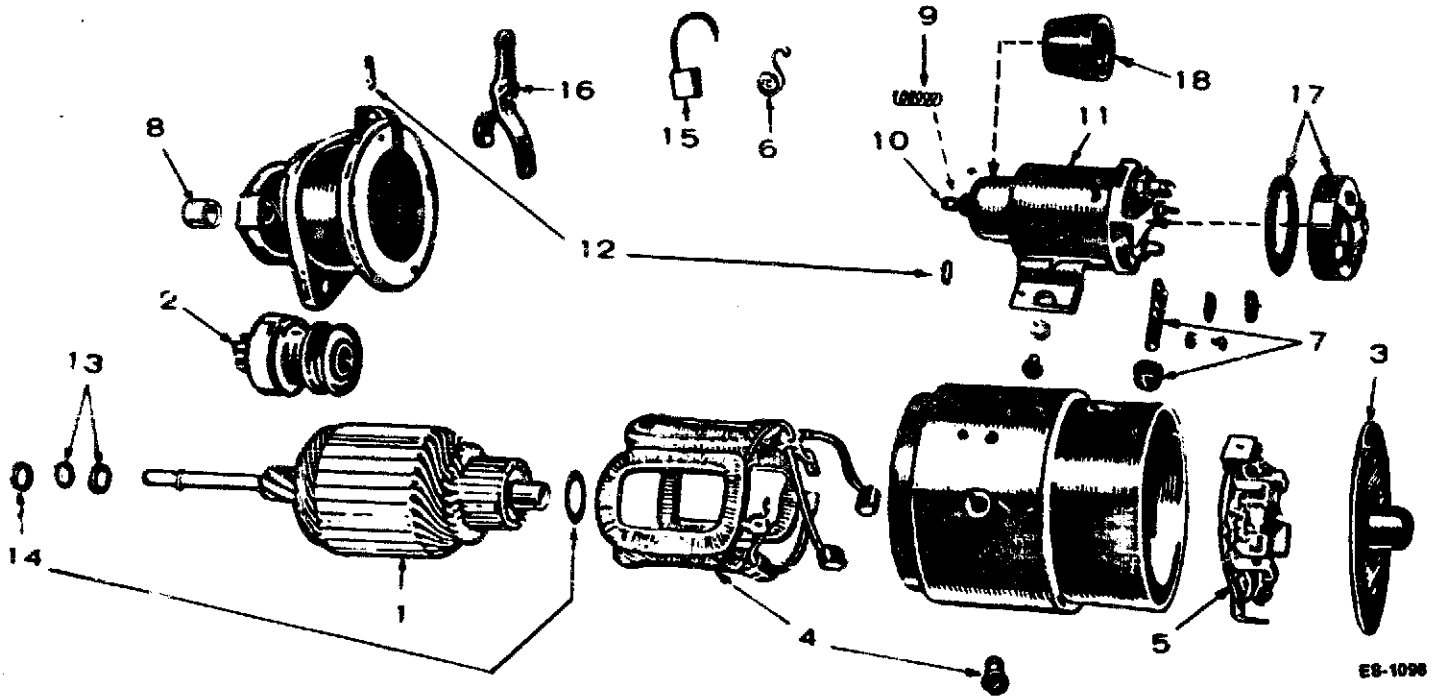
STARTER



ES-1129

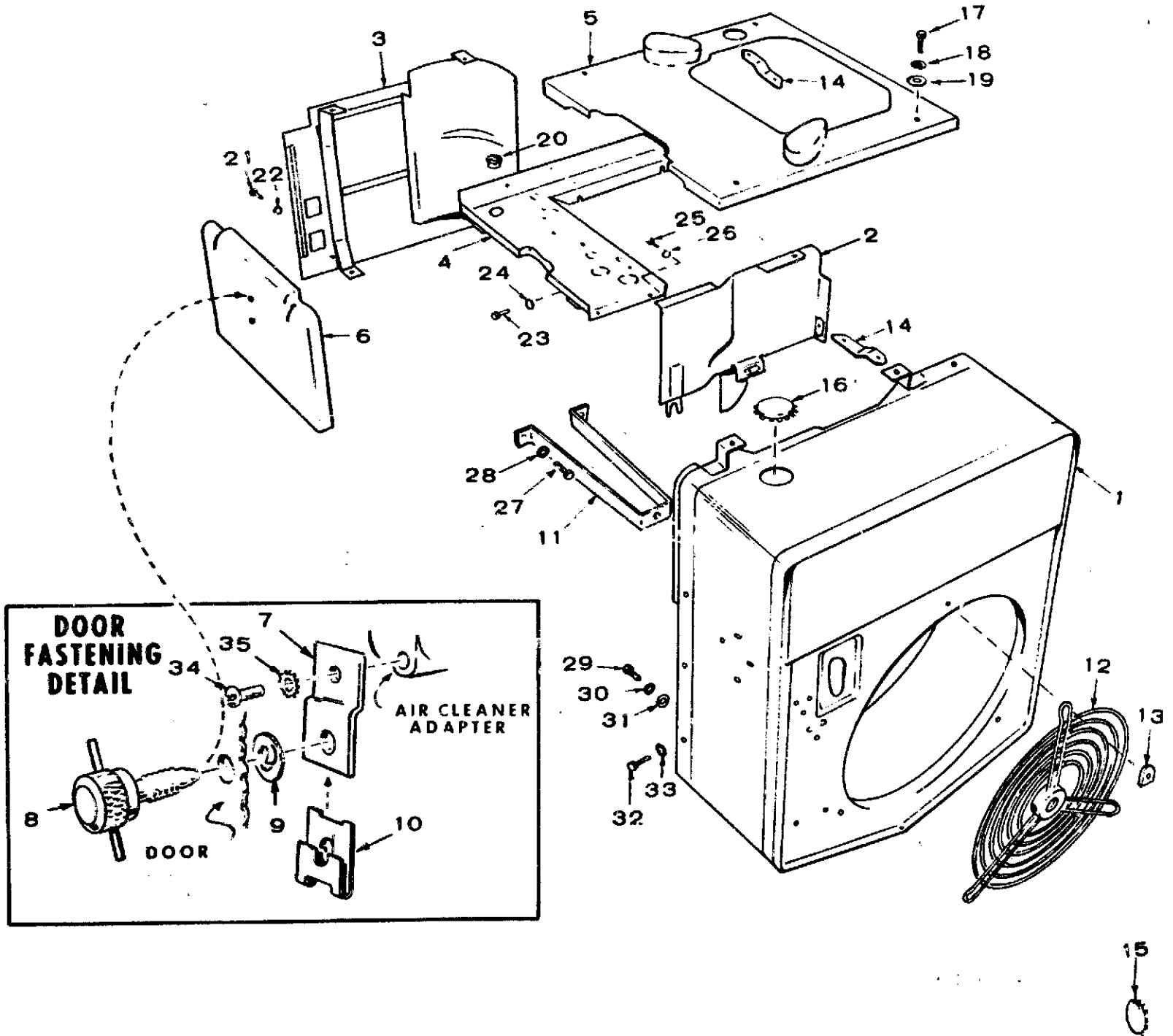
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	416-0096	1	Clamp, Battery Cable
2	338-0279	1	Harness, Wiring
3	800-0054	3	Screw, Cap - Hex Head (3/8-16 x 2")
4	850-0050	3	Washer, Lock - Spring (3/8")
5	800-0052	1	Screw, Cap - Hex Head (3/8-16 x 1-1/2")
6	850-0050	1	Washer, Lock - Spring (3/8")
7	191-0311	1	Spacer, Starter
8	800-0051	2	Screw, Cap - Hex Head (3/8-16 x 1-1/4")
9	850-0050	2	Washer, Lock - Spring (3/8")
10	191-0512	1	Flange, Starter
11	800-0046	1	Screw, Cap - Hex Head (3/8-16 x 1/2")
12	864-0003	1	Nut, Hex (3/8-16)
13	856-0010	1	Washer, Lock - EIT (3/8")
14	191-0365	1	Bracket, Starter
15	191-0324	1	Starter (See Separate Group for Components)
16	416-0580	1	Cable, Battery - Positive (33-1/2")
17	416-0581	1	Cable, Battery - Ground (47-1/2")

STARTER PARTS



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	191-0324	1	Starter
1	191-0712	1	Armature
2	191-0432	1	Clutch
3	191-1023	1	Head Assembly, Commutator End
4	191-1024	1	Coil Package, Field
5	191-1025	1	Plate Assembly, Brush
6	191-1020	1	Spring Set, Brush (Set of 4)
7	191-1263	1	Connector Package
8	191-0497	1	Bearing (Bronze), Drive End
9	191-1027	1	Spring, Plunger
10	191-1028	1	Core Assembly, Moving
11	191-0433	1	Switch, Solenoid
12	191-1029	1	Yoke Parts Package
13	191-1030	1	Stop and Lock Ring Package, Pinion
14	191-1031	1	Thrust Washer Package, Armature (Use as Required)
15	191-0434	1	Brush Set, Service
16	191-1032	1	Yoke
17	191-0468	1	Cover, Solenoid
18	191-1134	1	Boot, Rubber - Part of Moving Core Assembly

AIR HOUSING

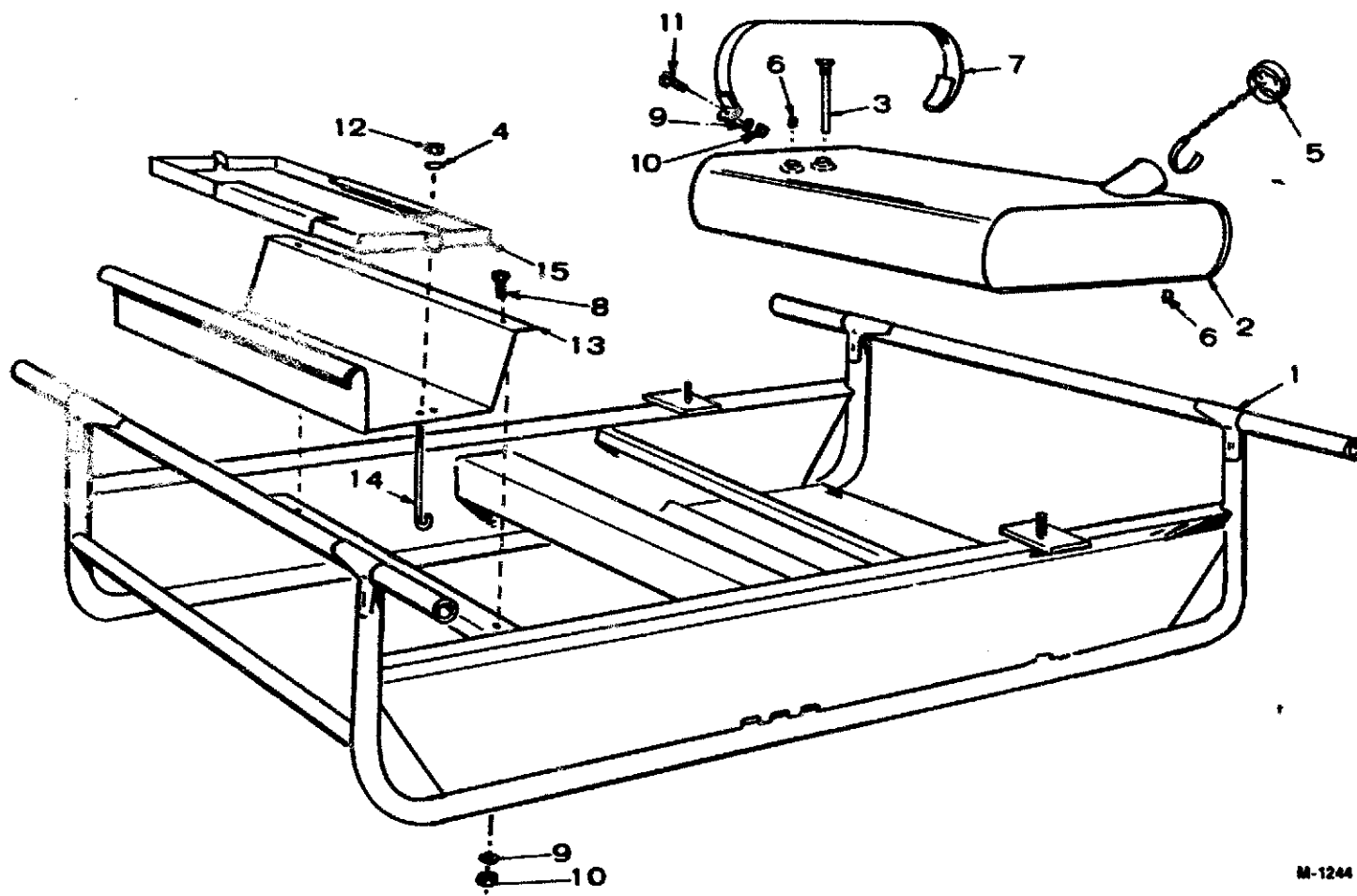


CS-1138

AIR HOUSING

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	HOUSING, BLOWER			17	815-0235	4	Screw, Cap - Hex Head (1/4-20 x 5/8")
	134-1851	1	Early Spec R Models	18	526-0021	4	Washer, Flat (17/64" ID x 3/4" OD x 1/16" Thk)
	134-1371	1	Use Begin During Spec R and Used Through Spec S	19	850-0040	4	Washer, Lock - Spring (1/4")
	134-2203	1	Begin Spec T	20	508-0084	1	Grommet, Rubber
2	134-1048	1	Housing, Cylinder Air - Front	21	813-0097	1	Screw, Machine - Round Head (#10-32 x 5/16")
3	134-1849	1	Housing, Cylinder Air - Rear	22	854-0010	1	Washer, Lock - IT (#10)
4	PANEL, CYLINDER AIR HOUSING - BOTTOM			23	815-0235	1	Screw, Cap - Hex Head (1/4-20 x 5/8")
	134-1915	1	Spec R, S	24	853-0013	1	Washer, Lock - ET (1/4")
	134-1419	1	Begin Spec T	25	815-0235	1	Screw, Cap - Hex Head (1/4-20 x 5/8")
5	134-1125	1	Cover, Cylinder Air Housing	26	853-0013	1	Washer, Lock - ET (1/4")
6	134-1039	1	Panel, Air Housing Door	27	800-0024	2	Screw, Cap - Hex Head (5/16-18 x 1/2")
7	134-1554	1	Bracket, Air Housing Door Panel	28	850-0045	2	Washer, Lock - Spring (5/16")
8	134-1373	1	Screw, Captive - Door	29	800-0007	3	Screw, Cap - Hex Head (1/4-20 x 1")
9	134-1180	1	Washer, Captive Screw - Door	30	850-0040	3	Washer, Lock - Spring (1/4")
10	870-0194	5	Nut, U-Clip - Door and Cover	31	526-0116	3	Washer, Flat (13/64" ID x 3/8" OD x 1/32" Thk)
11	134-1088	1	Support, Blower Housing and Grille	32	815-0235	6	Screw, Cap - Hex Head (1/4-20 x 5/8")
12	134-1178	1	Grille	33	854-0014	6	Washer, Lock - IT (1/4")
13	134-1092	3	Retainer, Grille	34	813-0098	2	Screw, Machine - Round Head (#10-32 x 3/8")
14	BRACKET, BLOWER HOUSING & CYLINDER SHROUD			35	853-0008	2	Washer, Lock - ET (#10)
	134-1703	1	Front				
	134-1704	1	Rear				
15	PLUG, DOT BUTTON - SPEC R, S						
	517-0044	4	1/4" Hole				
	517-0012	1	5/8" Hole				
	517-0021	1	7/8" Hole				
16	517-0009	1	Plug, Dot Button (2" Hole) Begin Spec T				

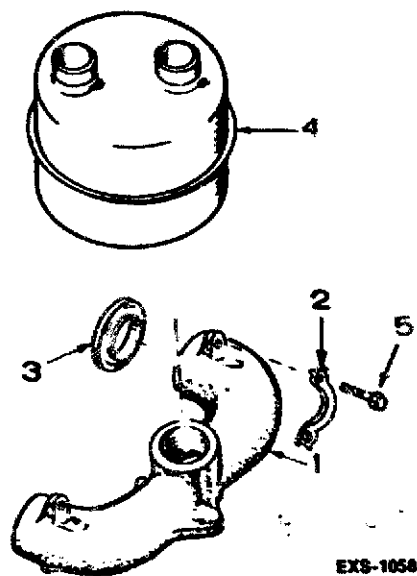
CARRYING FRAME AND FUEL TANK



M-1244

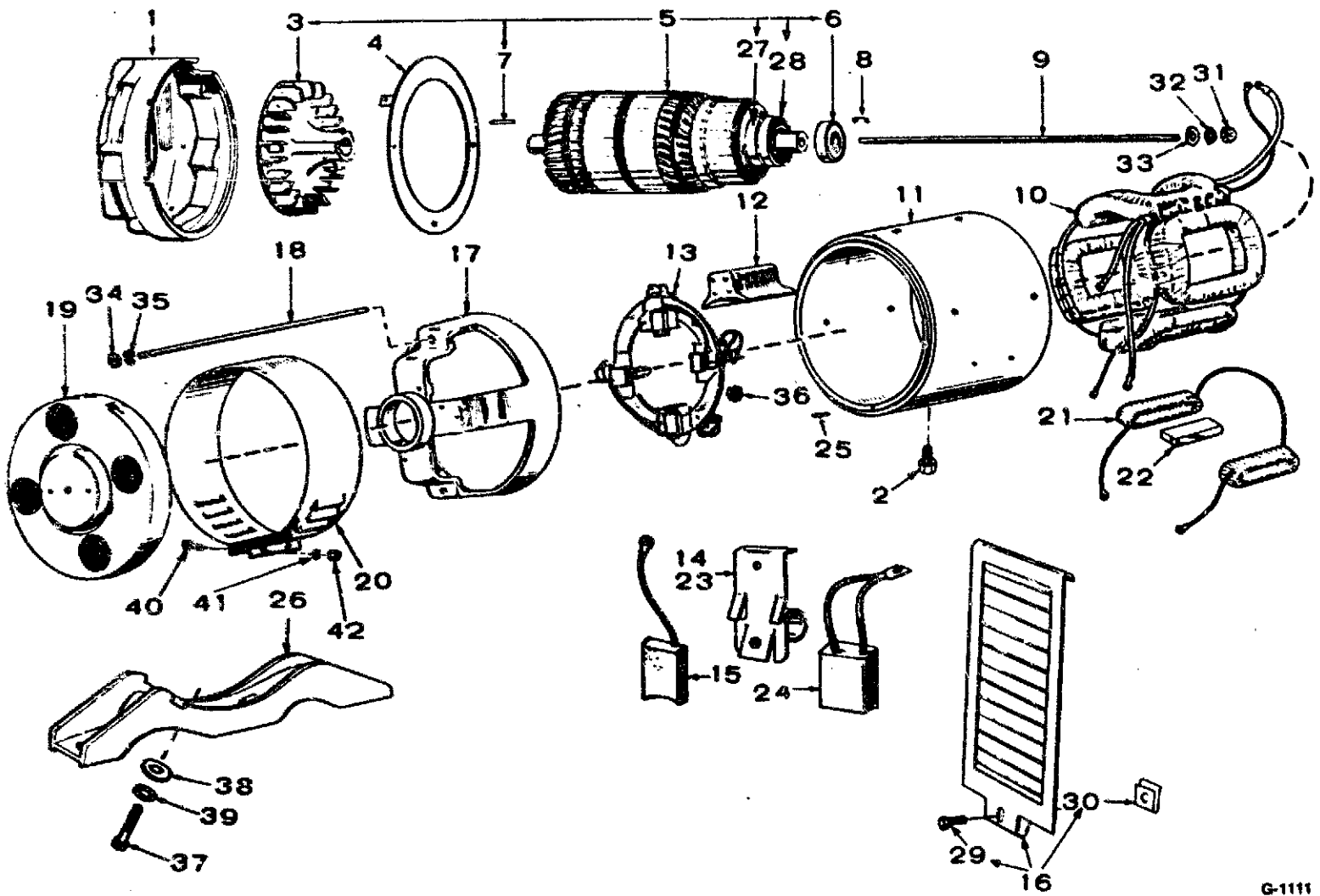
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	403-0822	1	Frame, Carrying
2	159-0929	1	Tank, Fuel (7.35 Gallons)
3	159-0695	1	Tube, Fuel
4	526-0213	2	Washer, Flat (21/64" ID x 1" OD x 1/8" Thk)
5	159-0020	1	Cap, Fuel
6	505-0008	2	Plug, Pipe (1/8")
7	159-0692	2	Band, Mounting
8	800-0005	2	Screw, Cap - Hex Head (1/4-20 x 3/4")
9	WASHER, LOCK - SPRING (1/4")		
	850-0040	2	Battery Rack Mounting
	850-0040	2	Fuel Tank Mounting
10	NUT, HEX (1/4-20)		
	860-0013	2	Battery Rack Mounting
	860-0013	2	Fuel Tank Mounting
11	800-0009	2	Screw, Cap - Hex Head (1/4-20 x 1-1/2")
12	862-0015	2	Nut, Hex (5/16-18)
13	416-0577	1	Rack, Battery
14	416-0578	2	Stud, Battery Rack
15	416-0576	1	Frame, Battery

EXHAUST SYSTEM



REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	154-0633	1	Manifold, Exhaust
2	154-1665	2	Tab, Lock
3	154-0463	2	Gasket, Manifold
4	155-0976	1	Muffler
5	114-0022	4	Screw, Cap - Hex Head (Special)

GENERATOR



G-1111

GENERATOR

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	231-0120	1	Adapter, Generator
2	110-0284	8	Screw, Cap - Hex Head (Special)
3	205-0065	1	#Blower, Generator
4	232-1815	1	Plate, Baffle
5	ARMATURE ASSEMBLY (Includes Parts Marked #)		
	201-1492	1	6.0DJB-331E Sets
	201-1516	1	6.0DJB-332E Sets
	201-1515	1	6.0DJB-5331E Sets
	201-1514	1	6.0DJB-5332E Sets
6	510-0047	1	#Bearing, Armature
7	515-0122	1	#Key, Blower to Armature
8	232-0596	1	Clip, Bearing Stop
9	520-0733	1	Stud, Armature Through
10	222-1695	1	Coil Assembly, Field (Set of 4) DC
11	210-0260	1	Frame, Generator
12	221-0118	4	Shoe, Pole - DC
13	212-0387	1	Brush Rig Kit (Includes Parts Marked ‡)
14	212-1105	4	‡Spring, AC Brush
15	214-0050	4	‡Brush, AC
16	234-0295	1	Cover Assembly, Air Outlet (Includes Parts Marked *)
17	211-0097	1	Bell, End
18	520-0161	2	Stud, Generator Through
19	211-0114	1	Cover, End Bell
20	234-0002	1	Band, End Bell
21	222-1458	1	Coil Set, Interpole - DC

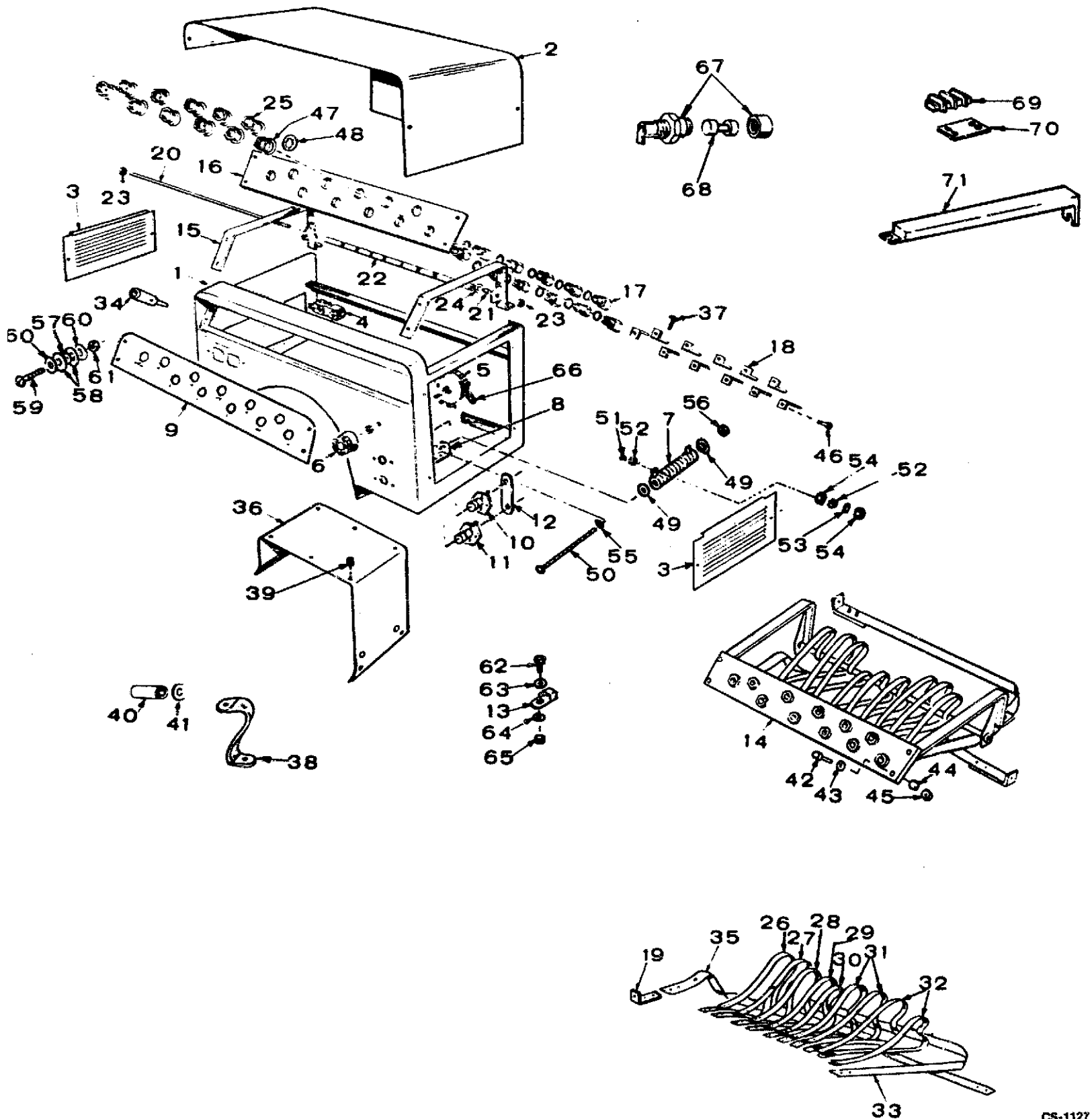
REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
22	221-0116	2	Interpole - DC
23	212-1106	4	‡Spring, DC Brush
24	214-0067	4	‡Brush, DC
25	516-0103	2	Pin, Roll - Generator Frame
26	232-1977	1	Base, Mounting
27	204-0009	1	#Ring, Collector - AC
28	203-0125	1	#Commutator - DC
29	809-0046	1	*Screw, Sheet Metal - Round Head (#10 x 3/4")
30	870-0177	1	*Nut, Speed (#10)
31	870-0203	1	Nut, Hex (Special)
32	850-0055	1	Washer, Lock - Spring (7/16")
33	526-0032	1	Washer, Flat (7/16")
34	862-0015	2	Nut, Hex (5/16-18)
35	850-0045	2	Washer, Lock - Spring (5/16")
36	212-1214	4	Clamp, Brush Rig
37	800-0050	2	Screw, Cap - Hex Head (3/8-16 x 1")
38	526-0030	2	Washer, Flat (3/8")
39	850-0050	2	Washer, Lock - Spring (3/8")
40	813-0104	2	Screw, Machine - Round Head (#10-32 x 7/8")
41	850-0030	2	Washer, Lock - Spring (#10)
42	870-0053	2	Nut, Hex (#10-32)

- Parts Included in Armature Assemblies

* - Parts Included in 234-0295 Cover Assembly

‡ - Parts Included in 212-0387 Brush Rig Kit

CONTROL



CS-1127

CONTROL

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION	REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	BOX, CONTROL			38	337-0044	1	Strap, Ground
	301-2902	1	Spec R, S	39	402-0078	6	Dampener, Vibration
	301-3326	1	Begin Spec T	40	304-0379	2	Tube, Insulator
2	301-2901	1	Cover, Control Box	41	304-0151	1	Washer, Insulator (5/16" ID x 1" OD x 1/8" Thk)
3	301-2900	2	Plate, Control Box Vent	42	800-0007	4	£Screw, Cap - Hex Head (1/4-20 x 1")
4	RECEPTACLE, DUPLEX			43	526-0015	4	£Washer, Flat (9/32" ID x 9/16" OD x 1/16" Thk)
	323-0383	1	120 Volt AC Output	44	850-0040	4	£Washer, Lock - Spring (1/4")
	323-0213	1	240 Volt AC Output	45	862-0001	4	£Nut, Hex (1/4-20)
5	303-0112	1	Rheostat	46	815-0223	11	£Screw, Cap - Hex Head (1/4-20 x 5/8")
6	304-0061	1	Knob, Rheostat	47	526-0120	11	£Washer, Flat - Jack Mounting (25/32" ID x 1-1/4" OD x 1/16" Thk)
7	304-0183	1	Resistor, Field (5.5 Ohm - 160 Watt)	48	854-0031	11	£Washer, Lock - IT (3/4") Jack Mounting
8	304-0117	1	Bracket, Field Resistor Mounting	49	304-0015	2	Washer, Resistor Centering
9	301-1785	1	Panel, Control Box	50	813-0116	1	Screw, Machine - Round Head (#10-32 x 6-1/2")
10	313-0032	1	Switch, Start	51	815-0238	2	Screw, Machine - Round Head (#8-32 x 7/16")
11	313-0032	1	Switch, Pre-heat	52	853-0005	3	Washer, Lock - ET (#8)
12	332-0602	1	Jumper	53	526-0048	1	Washer, Flat (.172" ID x 3/8" OD x 1/32" Thk)
13	332-0142	1	Lug, Solderless	54	871-0007	3	Nut, Hex (#8-32)
14	304-0661	1	Resistor Assembly, Jacks and Elements (Includes Parts Marked £)	55	853-0008	1	Washer, Lock - ET (#10)
15	301-4843	2	£Bracket, Resistor Element Mounting	56	870-0053	1	Nut, Hex (#10-32)
16	301-4819	1	£Insulator, Terminal Block	57	508-0006	2	Washer, Fiber
17	316-0044	11	£Jack, Plug - Welder Cable Connecting	58	508-0018	4	Washer, Fiber
18	308-0149	10	£Angle, Connector - Resistor Element to Plug Jack (1-23/32" Long)	59	812-0155	2	Screw, Machine - Round Head (1/4-20 x 1-1/4")
19	308-0128	3	£Coupling, Resistor - Resistor Element to Plug Jack (3-1/8" Long)	60	526-0052	4	Washer, Flat (Brass) - 17/64" ID x 9/16" OD x 1/32" Thk
20	304-0469	1	£Rod, Insulator Tubes Mtg.	61	871-0016	4	Nut, Hex (Brass) - 1/4-20
21	115-0056	1	£Spring, Insulator Tubes	62	813-0100	1	Screw, Machine - Round Head (#10-32 x 1/2")
22	304-0379	8	£Tube, Insulator	63	853-0008	1	Washer, Lock - ET (#10)
23	870-0173	2	£Nut, Push - Insulator Rod Mounting (9/32")	64	856-0003	2	Washer, Lock - IT (#10)
24	526-0101	1	£Washer, Flat - Insulator Rod Mounting (19/64" ID x 5/8" OD x 1/16" Thk)	65	870-0053	1	Nut, Hex (#10-32)
25	868-0011	11	£Nut, Hex - Jam (3/4-16)	66	332-0592	1	Jumper - Rheostat
26	304-0551	1	£Element, Resistor	67	321-0106	2	Holder, Fuse - Canadian Approved Welders
27	304-0467	1	£Element, Resistor	68	321-0138	2	Fuse (15 Amp, 250 Volt) Canadian Approved Welders
28	304-0466	1	£Element, Resistor	69	332-0609	1	Block, Terminal (2 Place) Canadian Approved Welders
29	304-0552	1	£Element, Resistor	70	332-0610	1	Strip, Marker (2 Place) Canadian Approved Welders
30	304-0553	1	£Element, Resistor	71	301-3193	1	Cover, Terminal - Canadian Approved Welders
31	304-0465	2	£Element, Resistor				
32	304-0468	2	£Element, Resistor				
33	304-0554	1	£Element Assembly, Resistor - Includes Resistor Coupling (1) and Truss Head Mounting Screws (2)				
34	316-0045	2	Plug, Welding Cable				
35	304-0660	1	£Element, Resistor				
36	301-2899	1	Bracket, Control Box Mounting				
37	815-0026	28	£Screw, Cap - Truss Head (#10-32 x 5/8")				

£ - Parts Included in 304-0661 Resistor Assembly

SERVICE KITS AND MISCELLANEOUS

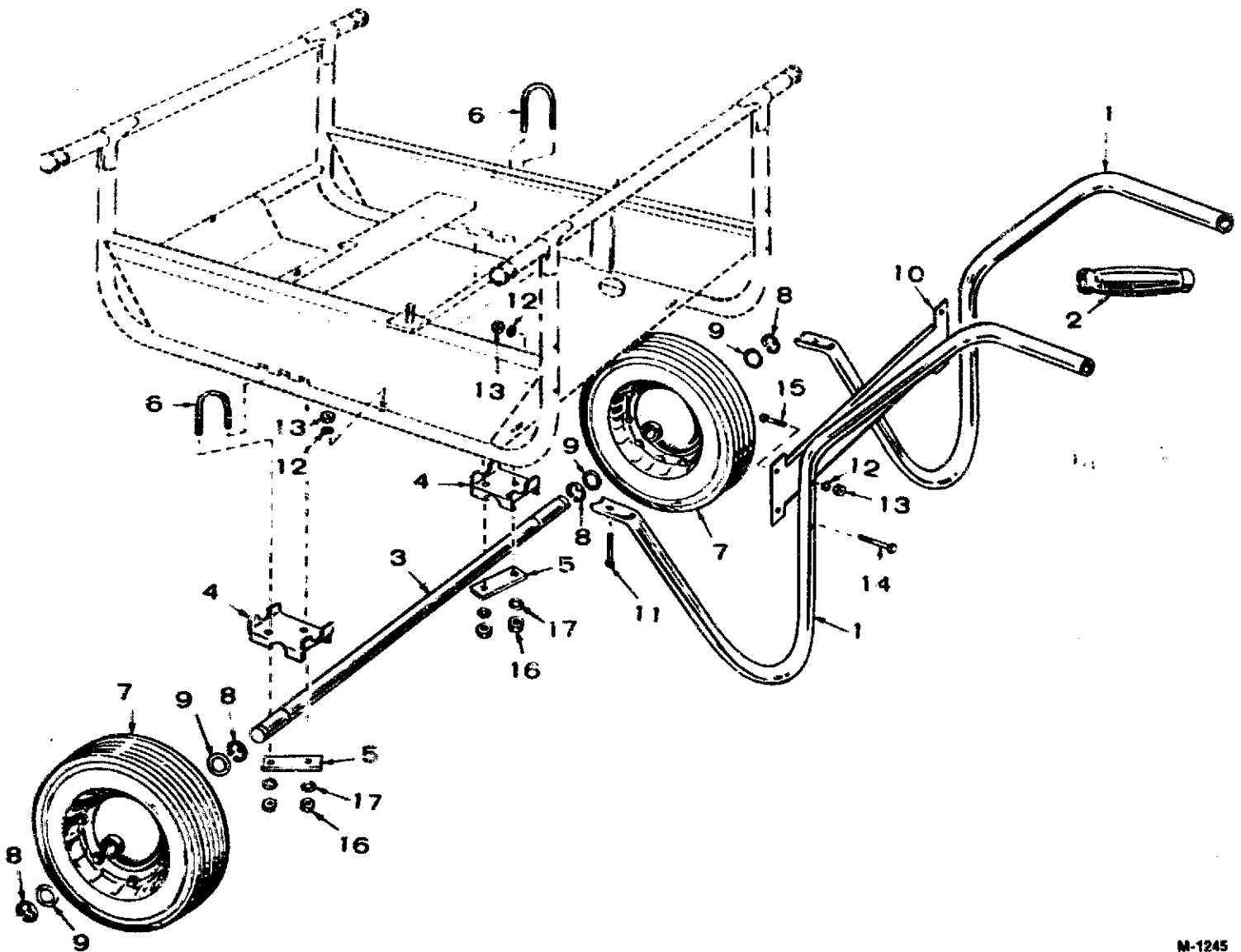
NOTE: For other kits refer to the related group

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	98-2028	1	Decal Kit, Welder Set
	168-0086	1	Gasket Kit, Engine
	OVERHAUL KIT, ENGINE		
	522-0201	1	Spec R
	522-0247	1	Begin Spec S
	TOUCH-UP PAINT (13 oz. Pressurized Can)		
	525-0137	-	Metallic Green
	525-0305	-	Non-Metallic Green
	525-0454	-	Greige - Enamel

OPTIONAL PARTS SECTION

This section contains illustrated parts listings of factory installed options. Options may not be applicable to all models; for field conversions additional parts are usually required.

DOLLY - OPTIONAL

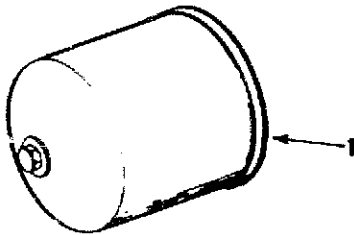


M-1245

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
	410-0287	1	Dolly Kit - Includes Parts Listed Below
1	410-0285	2	Handle
2	403-1477	2	Grip, Handle
3	410-0233	1	Axle
4	410-0283	2	Support, Axle
5	410-0284	2	Plate, Axle Support
6	410-0148	2	Bolt, "U"
7	410-0236	2	Wheel and Tire Assembly - Includes Tube
8	518-0130	4	Ring, Retaining
9	526-0081	8	Washer, Flat (1-1/64" ID x 1-5/8" OD x 1/8" Thk) Use as Required

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
10	410-0313	1	Brace, Handle
11	800-0031	2	Screw, Cap - Hex Head (5/16-18 x 1-1/2")
12	850-0045	6	Washer, Lock - Spring (5/16")
13	862-0015	6	Nut, Hex (5/16-18)
14	800-0035	2	Screw, Cap - Hex Head (5/16-18 x 2-1/2")
15	814-0182	2	Screw, Machine - Flathead (5/16-18 x 1-1/2")
16	862-0003	4	Nut, Hex (3/8-16)
17	850-0050	4	Washer, Lock - Spring (3/8")

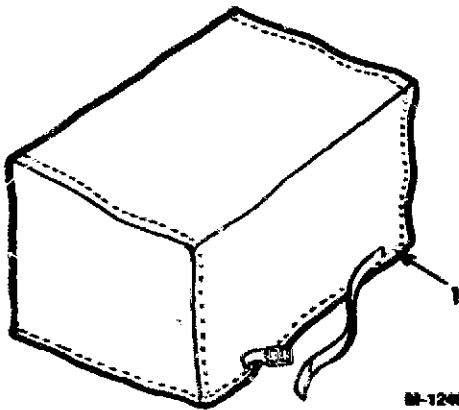
OIL FILTER (HEAVY DUTY) - OPTIONAL



LS-1048

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	122-0193	1	Filter, Oil - Heavy Duty (5-3/4")

CANVAS COVER - OPTIONAL



BA-1246

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
1	412-0032	1	Cover, Canvas - Welder Set

CABLE AND HELMET - OPTIONAL (NOT ILLUSTRATED)

REF. NO.	PART NO.	QTY. USED	PART DESCRIPTION
CABLE AND HELMET KIT, WELDER			
	316-0049	1	20 Foot Cables (Includes Parts Marked *)
	316-0050	1	40 Foot Cables (Includes Parts Marked #)
1	316-0008	1	*Helmet, Welder
2	CABLE, GROUNDING (Includes Clamp)		
	335-0091	1	*20 Foot Length
	335-0089	1	#40 Foot Length
3	CABLE, ELECTRODE HOLDER (Includes Clamp)		
	335-0092	1	*20 Foot Length
	335-0090	1	#40 Foot Length

* - Parts Included in 316-0049 Welder Cable and Helmet Kit

- Parts Included in 316-0050 Welder Cable and Helmet Kit

SPECIAL PARTS LISTS INDEX FOR FORM NO. 967-1034

MODEL	SPEC.	DATED	FICHE LOCATION
6.0DJB-5331E	38T	03/01/78 ***	1 F3
6.0DJB-5332E	38T	03/01/78 ***	1 F3
6.0DJB-5331E	4325T	03/01/78 ***	1 F5
6.0DJB-5332E	4325T	03/01/78 ***	1 F5
6.0DJB-331E	4443T	03/01/78 ***	1 F7
6.0DJB-5332E	5289T	03/01/78 ***	1 F7
6.0DJB-5331E	7545T	03/01/78 ***	1 F9
6.0DJB-331E	14018T	03/01/78 ***	1 F9
6.0DJB-5332E	18582T	06/01/78 ***	1 F11

SPECIAL PARTS LIST FOR **MODEL** 6.0 DJB-5331E **SPEC** 38T
 FOR STANDARD PARTS REFER TO **CATALOG** 967-1034 **KEY NO.**
 (PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)
WIRING DIAGRAM NO. (ENG) 606-0195-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
321-0138	2	Fuse - 15 Amp			
321-0106	2	Holder, Fuse (For 15 Amp)			
332-0609	1	Block, Terminal (2 Place)			
332-0610	1	Strip, Marker (For 2 Place)			
301-3193	1	Cover, Terminal			
201-1515	1	Armature Assembly			

PARTS LIST FOR **MODEL** 6.0 DJB-5332E **SPEC** 38T
FOR STANDARD PARTS REFER TO **CATALOG** 967-1034 **KEY NO.** _____
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. (ENG) 606-0196-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
201-1514	1	Armature Assembly			
321-0138	2	Fuse - 15 Amp			
321-0106	2	Holder, Fuse (For 15 Amp)			
332-0609	1	Block, Terminal (2 Place)			
332-0610	1	Strip, Marker (For 2 Place)			
301-3193	1	Cover, Terminal			

FOR STANDARD PARTS REFER TO CATALOG 967-1034 KEY NO. _____
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. (ENG) 606-0194-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
201-1514	1	Armature Assembly			

WIRING DIAGRAM NO. (ENG) 606-0193-01

201-1492 1 Armature Assembly

SPECIAL PARTS LIST FOR **MODEL** 6.0 DJB-5332E **SPEC** 5289T
FOR STANDARD PARTS REFER TO **CATALOG** 967-1034 **KEY NO.**
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. (ENG) 606-0194-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
201-1514	1	Armature Assembly			

SPECIAL PARTS LIST FOR **MODEL** 6.0 DJB-5331E **SPEC** 7545T
FOR STANDARD PARTS REFER TO **CATALOG** 967-1034 **KEY NO.**
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)

WIRING DIAGRAM NO. (ENG) 606-0193-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
201-1515	1	Armature Assembly			

SPECIAL PARTS LIST FOR **MODEL** 6.0 DJB-331E **SPEC** 14018T
FOR STANDARD PARTS REFER TO **CATALOG** 967-1034 **KEY NO.**
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)
WIRING DIAGRAM NO. (ENG) 606-0193-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
201-1492	1	Armature Assembly			

SPECIAL PARTS LIST FOR **MODEL** 6.0 DJB-5332E **SPEC** 18582T
FOR STANDARD PARTS REFER TO **CATALOG** 967-1034 **KEY NO.** -
(PARTS CATALOG ALSO CONTAINS COMPONENTS FOR MAJOR OPTIONAL FEATURES LISTED BELOW)
WIRING DIAGRAM NO. (ENG) 606-0194-01

PART NO.	QTY.	DESCRIPTION	PART NO.	QTY.	DESCRIPTION
201-1514	1	Armature Assembly			