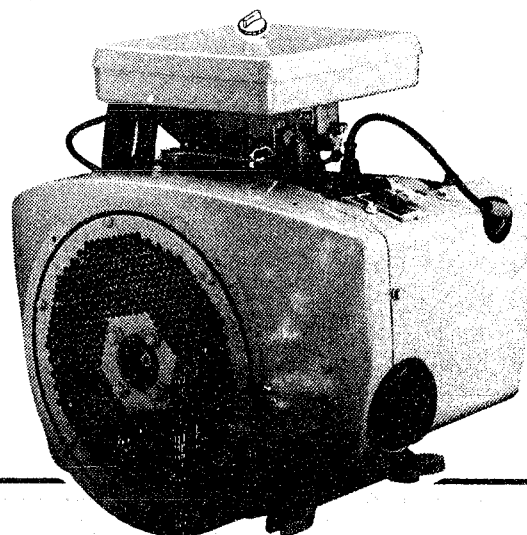


Onan

Parts Manual

P216
P218
P220
Engine



965-0264
1-92 (SPEC B-D)
Replaces 7-91 (Spec B-D)
Printed in U.S.A.



Miller®

MILLER ELECTRIC MFG. CO.
APPLETON, WI USA

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Introduction

This Catalog applies to the Performer Engine. Parts are arranged in Groups of related items. Each Illustrated Part is identified by a reference number corresponding to the same reference number in the parts list for that illustration. Parts illustrations are typical. Using the MODEL and SPEC No. from the nameplate, select parts that apply to your engine. The SALES OPTION CODES listed for your SPEC will determine the difference in the parts. Right and Left sides are determined by facing the Flywheel end (FRONT) of the Engine.

Engine Data Table

MODEL	RATING
P216G-I/*	16 Horse Power
P218G-I/*	18 Horse Power
P220G-I/*	20 Horse Power

* - The specification number denotes customer requested options or deviations from a standard (1B, 1C, etc.) model. The specification letter advances (B to C, etc.) with major manufacturing changes.

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- Baffle, Breather Valve 6
- Baffle, Oil Base 13
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- Ball, Fly - Governor 10
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- Cover, Air Cleaner Element 22
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- Crankshaft 11
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Sales Option Code Table

SPEC NO.	10556	10557	10558	10706	10734	10735	10736	10832	10866	10868	10924	10937	10938
SALES	11AH	11AH	11AH	11AH	11AH	11AH	11AH	11AH	11AH	11AH	11AH	11AH	11AH
OPTION	11AV	11AV	11AV	11AV	11AV	11AV	11AV	11AW	11AU	11AV	11AW	11AW	11AW
CODE	11PP	11PP	13CB	11PP	13CB	11PP	13CB	11AV	11PP	11PP	11BG	13CF	13CB
NUMBERS	13CB	13CF	13CC	13CF	13CC	13CF	13CC	11PP	13CB	13CF	13CF	13CG	13CC
	13CC	13CG	13CG	13CG	13CG	13CG	13CG	13CB	13CC	13CG	13CG	13CH	13CG
	13CG	13CH	15BD	13CH	15BD	13CH	15BD	13CC	13CG	13CH	13CH	15AZ	15AZ
	15AZ	15AZ	15BK	15BD	15BK	15AZ	15BK	13CG	15AZ	15AZ	15AZ	15BD	15BD
	15BD	15BD	15BL	15BK	15BL	15BD	15BL	15AZ	15BD	15BD	15BD	15BK	15BK
	15BK	15BK	17BW	15BL	17BW	15BK	17BW	15BD	15BK	15BK	15BK	15BZ	15BZ
	17BW	15BL	17CD	17CD	17CD	17BW	17CD	15BK	17BW	17BW	15BL	17CD	17CD
	17CD	17BW	17CF	17CF	17CF	17CD	17CF	17BW	17CD	17CD	15BZ	17CF	17CF
	17CF	17CD	19AS	17CM	19AS	17CF	19AS	17CD	17CF	17CF	17CD	17CM	17CG
	19AS	17CF	19BB	19AS	19BB	19AS	19BB	17CF	19AS	17DK	17CF	19AS	19AS
	19BB	19AS	23DC	23DC	23DC	19BB	23DC	19AS	23DC	19AS	17CG	23DC	23DC
	23DC	19BB	23DN	23DE	23DN	23DC	23DN	19BB	23DJ	19BB	19AS	23DJ	23DJ
	23DJ	23DC	31AY	31AY	31AY	23DJ	31AY	23DC	23DN	23DC	19BC	23DN	23EK
	23EK	23DE	31AZ	31AZ	31AZ	23DN	31AZ	23DJ	23DV	23DJ	23DC	31AY	31AY
	31AY	31AY	33AT	33AT	33AT	31AY	33AT	23DN	31AY	23DN	23DE	31AZ	31AZ
	31AZ	31AZ	35AV	35BB	35AV	31AZ	35AV	23DV	31AZ	23DV	23DJ	33AV	33AT
	33AT	33AT	35BE	45BH	35BE	33AT	35BE	23EK	33AV	23EH	23DN	35AV	35AV
	35AV	35AV	45BH	47AG	45BH	35AV	45BH	31AY	35AV	23EK	31AY	35BD	35BC
	35BE	35BE	47AG		45BM	35BE	47AG	31AZ	35BD	31AY	31AZ	45BH	45BH
	45BH	45BH			47AG	45BH		33AT	45BH	31AZ	33AT	47AR	47AR
	45BM	47AG				47AG		35AV	47AR	33AT	35AV	47AZ	47AZ
	47AR	47AR						35BE		35AV	35BC	47BB	47BB
	47AZ	47AZ						45BH		35BE	45CE	47BF	47BF
	47BB	47BB						47AR		45BH	47AR		
								47AZ		47AR	47AZ		
								47BB		47AZ	47BB		
										47BB	47BF		

SPEC NO.	11077	11090	11135	11140	11180
SALES	11AH	11AH	11AH	11AH	11AH
OPTION	11AV	11AV	11AV	11AV	11AV
CODE	11PP	11BG	11PP	11PP	11PP
NUMBERS	13CB	13CB	13CB	13CG	13CG
	13CC	13CC	13CC	13CL	13CL
	13CG	13CG	13CG	15AZ	15BC
	15AZ	15AZ	15AZ	15CL	15BF
	15BD	15BD	15BD	17CD	17CD
	15BK	15BK	15BK	17CF	17CF
	17BW	15BZ	17BW	17DE	17DM
	17CD	17BW	17CD	17DM	19AS
	17CF	17CD	17CF	19AS	19BB
	17DK	17CF	17DK	19BB	23DC
	19AS	19AS	19AS	23DC	23DJ
	23DC	23DC	19BB	23DJ	23DV
	23DJ	23DJ	23DC	23DN	23EH
	23DN	23DN	23DJ	23DV	23EJ
	23DV	23DV	23DN	23EH	31AY
	23EH	23EK	23DV	23EJ	31AZ
	23EK	31AY	23EH	31AY	33AT
	31AY	31AZ	23EK	31AZ	35AV
	31AZ	33AT	31AY	33AT	35BE
	33AT	35AV	31AZ	33BB	35CM
	35AV	35BE	33AT	35AV	45BH
	35BE	45BH	35AV	35BE	47AL
	45BH	45BM	35BE	35CL	47AR
	47AR	47AR	45BH	35CM	47AZ
	47AZ	47AZ	47AR	45BH	
	47BB	47BB	47AZ	47AR	
		47BF	47BB	47AL	
				47AZ	

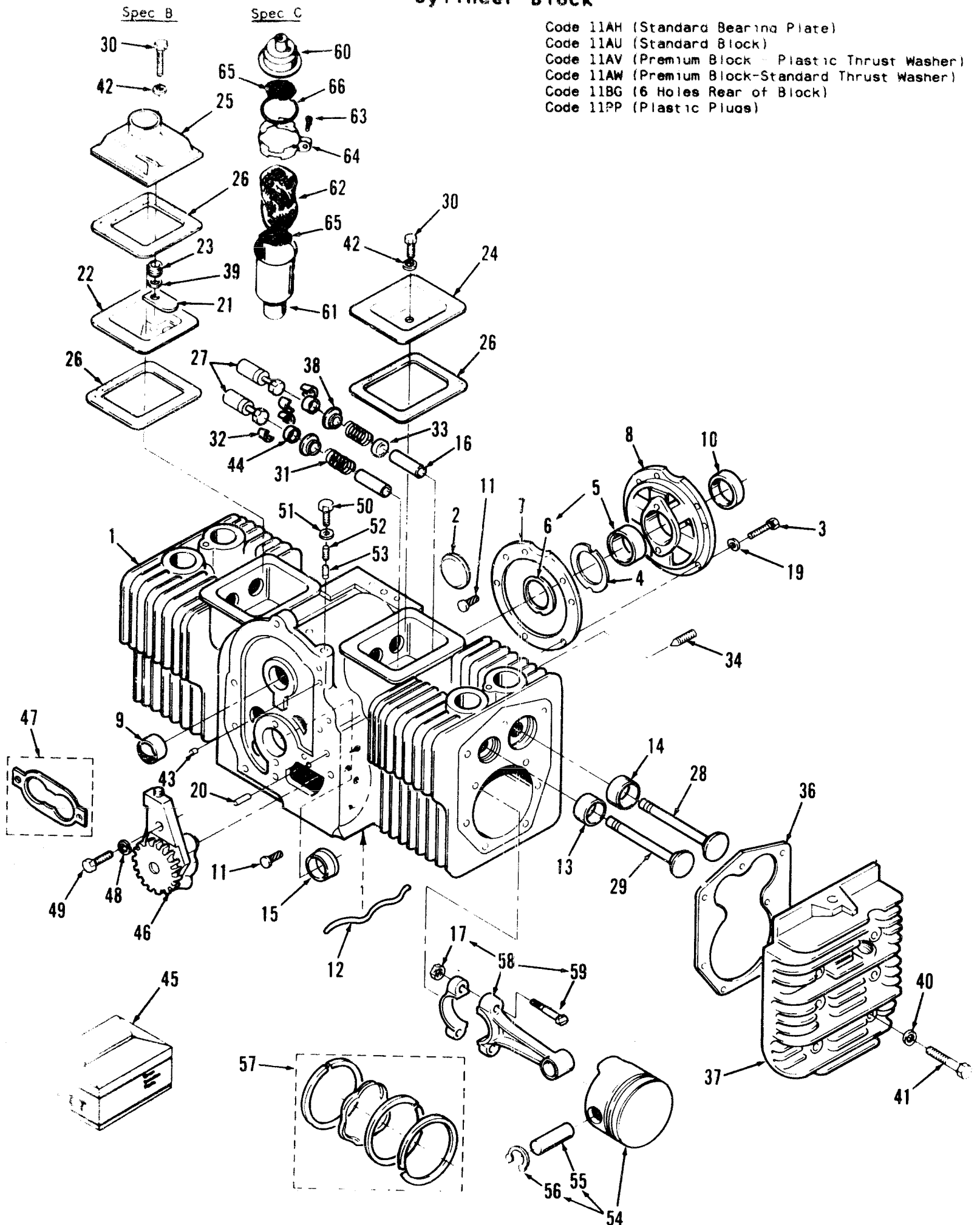
Modifiers

Listed Below Are Sales Option Code Number Modifiers. These Code Numbers Have No Direct Service replaceable Parts And Only Modify Another Related Sales Option Code Number By Identifying A Distinctive Feature(s). Parts That Differ As A Result Of The Modifier Are Identified In The Parts Description For That Part. Sales Option Code Modifiers Are As Follows:

11AH	Standard Bearing Plate
11BG	6 Holes Rear of Block
11PP	Plastic Plugs
13CH	10 Ball Governor
15AZ	Fuel Pump (No Filter) - Dual Inlet
15BC	No Pump - No Filter
15BK	Rear Pull Choke
15BL	Fuel Pump w/Filter (Dual Inlet)
19AS	Air Cleaner, Standard Capacity
19AU	High Capacity Air Cleaner
19BB	Chrome Air Cleaner Cover
19BC	Intake Manifold w/Vacuum Top
23DE	Stationary Guard No PTO (Steel)
23DJ	No Rotating Screen
23DN	Stationary Guard (No PTO-Plastic) - Onan Logo
23EH	Inverted Voltage Regulator - Restricted Cylinder Air Housing
23EJ	Stationary Guard No PTO - No Logo
23EK	Stationary Guard - No PTO - Miller
33BB	No Starter Cap Kit
35AV	Low Oil Pressure Switch (2 Terminal - Normally Open)
35CM	Oil Temperature Switch (1 Terminal - Normally Closed)
47AL	No Labels

Cylinder Block

Code 11AH (Standard Bearing Plate)
 Code 11AU (Standard Block)
 Code 11AV (Premium Block - Plastic Thrust Washer)
 Code 11AW (Premium Block-Standard Thrust Washer)
 Code 11BG (6 Holes Rear of Block)
 Code 11PP (Plastic Plugs)



Cylinder Block

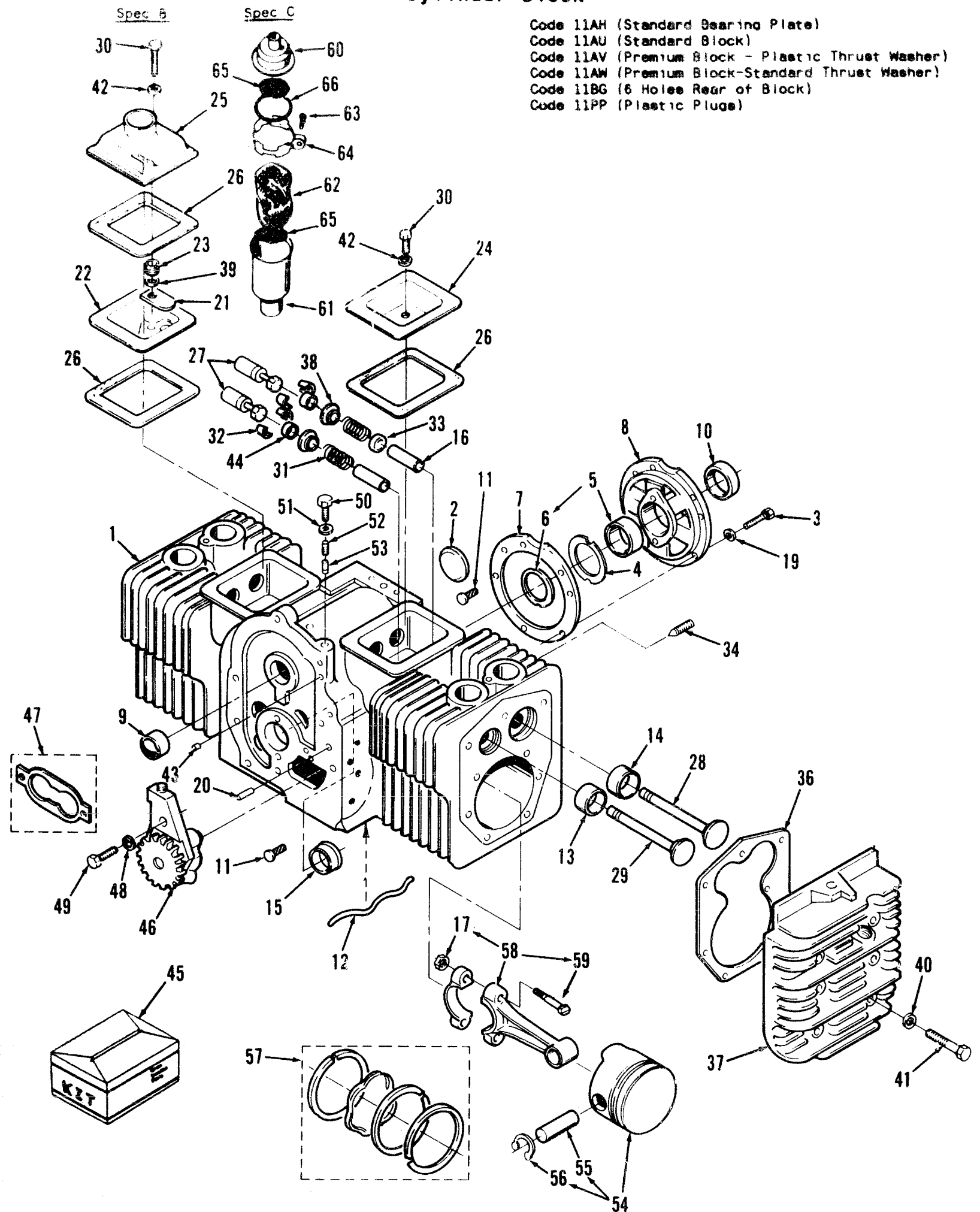
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5620-0002
5620-0003
5620-0003-01
5620-0033
5620-0034
5620-0097
5620-0196
5620-0218
5620-0274
5620-0282

5620-0283
5620-0287
5620-0363-04
5620-0399-02
5620-0399-03
5620-0399-04
5620-0399-05
5620-0400-01
5620-0400-02
5620-0425

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1		1	Block, Cylinder	24		1	Cover, Valve - RH - Spec B
2	517-0048-01	1	Plug, Weld - Camshaft		110-1879-01	1	Zinc-Plated - Code 11AV
3	800-0051	5	Screw, Cap - Hex Head (3/8-16 x 1-1/4")		110-3637-01	2	11AV, 11AU - Spec B
4	104-0776	AR	Snm. Crankshaft	25	110-2274-01	1	Bedin Spec C - Zinc-Plated
5			Bearing, Crankshaft - Rear (Includes Thrust Washer)	26		1	Cover, Valve - LH - Spec B
	101-0450	1	Standard		110-3709	3	Gasket, Valve Cover
	101-0450-02	1	.002" Undersize		110-3709	2	Spec B
	101-0450-10	1	.010" Undersize	27		2	Bedin Spec C
	101-0450-20	1	.020" Undersize		115-0006	4	Lappet, Valve
	101-0450-30	1	.030" Undersize		115-0006-02	4	Standard
6	104-0575	2	Washer, Thrust		115-0006-05	4	.002" Oversize
7	101-0782	1	Gasket, Bearing Plate	28	110-3479	2	.005" Oversize
8	101-0439-01	1	Plate, Bearing - Rear	29		2	Valve, Intake
9	101-0405	2	Bearing, Camshaft		110-3480	2	Valve, Exhaust
10	509-0041	1	Seal, Oil - Crankshaft Rear		110-3515	2	Stellite - Code 11AV
11	516-0072	4	Pin, Drive - Bearing Stop		110-3515	2	Standard - Code 11AV
12	120-0735	1	Tube, Oil - Cylinder Block	30	800-0010	2	Screw, Cap - Hex Head (1/4-20 x 1-3/4")
13			Insert, Valve Seat - Exhaust	31	110-3485	4	Sprind, Valve
	110-1824	2	Standard	32	110-3511	8	Lock, Valve Spring
	110-1824-02	2	.002" Oversize	33	509-0210	2	Seal, Valve - Intake
	110-1824-05	2	.005" Oversize	34	803-0071	2	Screw, Set - Socket (3/8-16 x 5/8") - Code 458M
	110-1824-10	2	.010" Oversize	36	110-3181	2	Gasket, Cylinder Head
	110-1824-25	2	.025" Oversize	37		1	Head, Cylinder
14			Insert, Valve Seat - Intake		110-3509	1	Right Side
	110-0197	2	Standard		110-3508	1	Left Side
	110-0197-02	2	.002" Oversize	38	110-3457	4	Washer, Valve Spring-Ret.
	110-0197-05	2	.005" Oversize	39	526-0018	1	Washer, Flat (1/4" Screw) - Spec B
	110-0197-10	2	.010" Oversize	40	526-0122	18	Washer, Flat (5/16" Screw)
	110-0197-25	2	.025" Oversize	41	800-0571	18	Screw, Cap - Hex Head
15			Bearing, Crankshaft - Front	42	526-0063	2	Washer, Flat - Copper (1/4" Screw)
	101-0432	1	Standard	43	517-0067	1	Plug, Core Hole - Specs A,B
	101-0432-02	1	.002" Undersize	44	110-3510	4	Cap, Valve
	101-0432-10	1	.010" Undersize	45		1	Kit, Gasket
	101-0432-20	1	.020" Undersize		168-0187	1	Engine, Complete
	101-0432-30	1	.030" Undersize		168-0189	1	Valve Grind/Carbon Removal
16			Guide, Valve	46	120-0491	1	Pump, Oil (Components Not Sold Separately)
	110-3527	2	Exhaust	47	120-0161	1	Gasket Kit, Oil Pump
	110-3526	2	Intake	48		1	Washer
17	870-0302	4	Nut, Hex - Crown Lock		850-0040	2	Lock, Spring (1/4")
19	526-0251	5	Washer, Flat (3/8" Screw)		740-1004	2	Flat (M6) Code 11AU, 11AV
20	516-0141	2	Pin, Alignment - Gear Cover	49	800-0007	2	Screw, Cap - Hex Head (1/4-20 x 1")
21	123-1175	1	Reed, Breather Valve - Spec B				
22	123-1173	1	Baffle, Breather Valve - Spec B				
23	123-1174	1	Sprind, Breather Valve				

Cylinder Block

Code 11AH (Standard Bearing Plate)
 Code 11AU (Standard Block)
 Code 11AV (Premium Block - Plastic Thrust Washer)
 Code 11AW (Premium Block-Standard Thrust Washer)
 Code 11BG (6 Holes Rear of Block)
 Code 11PP (Plastic Plugs)



Cylinder Block

5620-0001
5620-0002
5620-0003
5620-0003-01
5620-0033
5620-0034
5620-0097
5620-0196
5620-0218
5620-0274

5620-0282
5620-0283
5620-0287
5620-0363-04
5620-0399-02
5620-0399-03
5620-0399-04
5620-0399-05
5620-0400-01
5620-0400-02
5620-0425

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
50	301-0049	1	Screw Cap Hex Head (3/8" x 7/8")
51	526-0066	1	Washer, Flat - Copper (3/8" Screw)
52	120-0140	1	Spring, Bypass Valve
53	120-0398	1	Plunger, Bypass Valve
54			Piston (Includes Pin And Retaining Rings) Specs A-C
	112-0186	2	Standard
	112-0186-05	2	.005" Oversize
	112-0186-10	2	.010" Oversize
	112-0186-20	2	.020" Oversize
	112-0186-30	2	.030" Oversize
			*Begin Spec D
	112-0264	2	Standard
	112-0264-05	2	.005" Oversize
	112-0264-01	2	.010" Oversize
	112-0264-02	2	.020" Oversize
	112-0264-03	2	.030" Oversize
55	112-0229	2	Pin, Piston
56	518-0311	4	Ring, Retaining
57			Kit, Piston Ring Specs A-C
	113-0189	2	Standard
	113-0189-05	2	.005" Oversize
	113-0189-10	2	.010" Oversize
	113-0189-20	2	.020" Oversize
	113-0189-30	2	.030" Oversize
			Begin Spec D
	113-0310	2	Standard
	113-0310-05	2	.005" Oversize
	113-0310-01	2	.010" Oversize
	113-0310-02	2	.020" Oversize
	113-0310-03	2	.030" Oversize

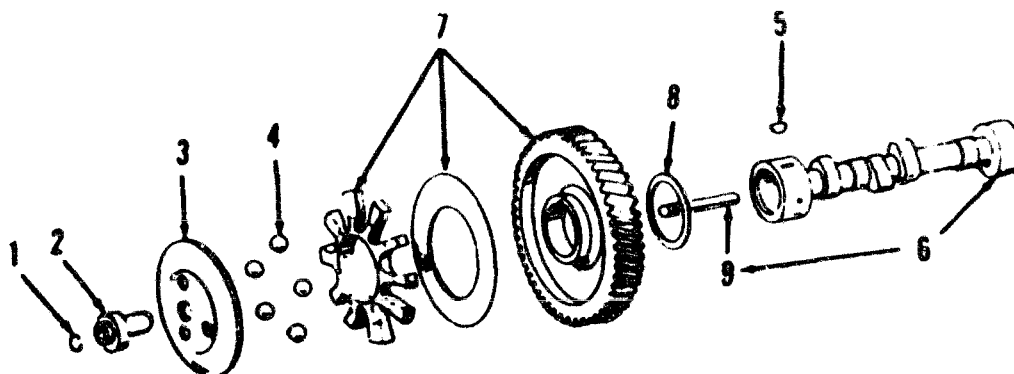
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
58			Rod, Connecting (Includes Bolt And Nut) P216
	114-0300	2	Standard
	114-0300-10	2	.010" Undersize
	114-0300-20	2	.020" Undersize
	114-0300-30	2	.030" Undersize
			P218, P220
	114-0257	2	Standard
	114-0257-10	2	.010" Undersize
	114-0257-20	2	.020" Undersize
	114-0257-30	2	.030" Undersize
59	114-0240	4	Bolt, Connecting Rod (Special)
	517-0090	4	Plug, Plastic - Code 11PP Not Shown
60	123-0954	1	Cap and Valve, Breather - Begin Spec C
61	123-0952	1	Tube, Breather - Begin Spec C
62	123-1417	1	Baffle, Breather Tube - Begin Spec C
63	809-0035	1	Screw, Tapping - Round Head (#8 x 3/4") - Begin Spec C
64	123-0951	1	Clamp, Loop - Breather Tube Cap - Begin Spec C
65	123-0958	2	Screen, Breather Tube - Begin Spec C
66	509-0117	1	Seal, O-Ring - Breather Cap - Begin Spec C
	517-0120	1	Plug, Breather Hole - Begin Spec C (Not Shown)
	520-0820	2	Stud, Belt Guard Mounting Begin Spec C (Not Shown)

*Note: Piston 112-0264 Includes Ring Set.

Camshaft

Code 13CB (3780 RPM - High Idle)
 Code 13CF (1850 RPM - High Idle)
 Code 13CH (10 Ball Governor)
 Code 13CL (3000 RPM - High Idle)

5620-0006
 5620-0028
 5620-0086



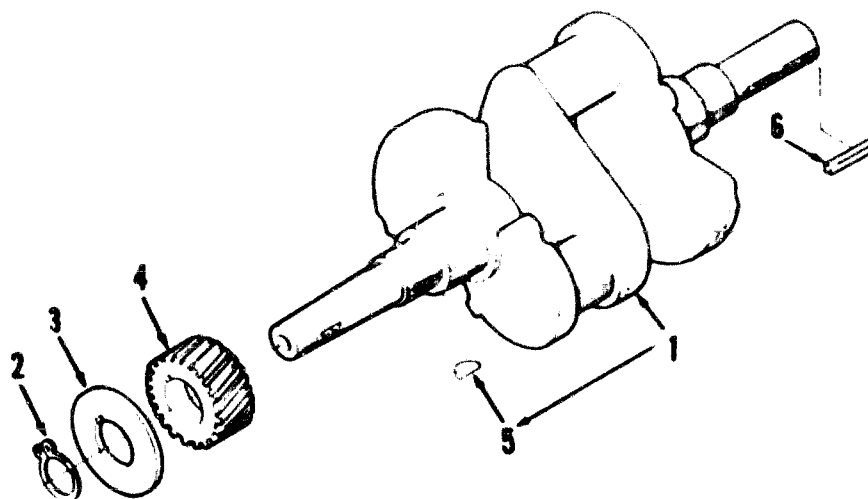
C-1000

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	150-0078	1	Ring, Retaining	6			Camshaft(Includes Center Pin)
2	150-1519	1	Hub, Governor Cup	105-0637	1		P216, P218
3	150-1520	1	Cup, Governor	105-0639	1		P220
4			Ball, Governor	7	105-0332	1	Gear, Camshaft
	510-0015	5	5 Ball Governor - Code 13CB				(Includes Gear, Spacer
	510-0015	10	10 Ball Governor - 1850 RPM				and Plate)
			Code 13CF	8	105-0541	1	Washer, Thrust - Special
5	515-0001	1	Key, Woodruff - Camshaft Gear	9	150-0075	1	Pin, Center

Crankshaft

Code 45BH (1.12 Diameter Tapered Shaft 2.18 to PFB)
 Code 45CE (1.63 Dia Tapered, Keyed 2.07" Long Stub)

5620-0040
 5620-0139
 5620-0309



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Crankshaft P216
	104-1535	1	Code 45BH
			P218, P220
	104-1502	1	^Code 45BH
	104-1768	1	^Code 45CE
2	518-0014	1	Ring Retaining

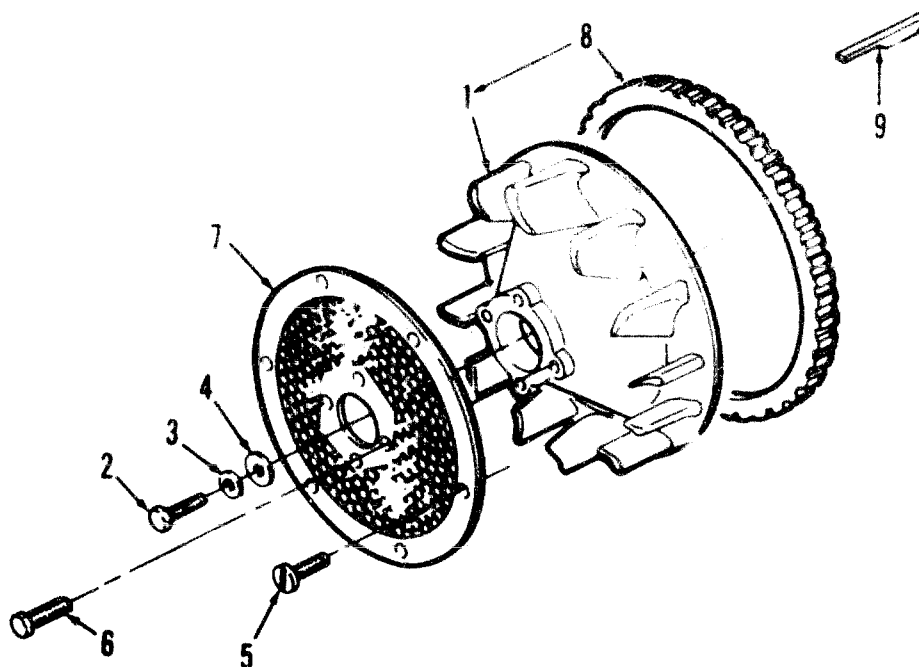
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
3	104-0043	1	Washer, Gear Retaining Special
4	104-0032	1	Gear, Crankshaft
5	515-0001	1	Key, Crankshaft Gear
6			Key
	515-0263	1	Kit, Code 45BH, 45CE
	515-0301	1	Code 45CE

^ - Includes Keys

Blower Wheel With Screen

Code 23DC (Pressure Cooled Housing and Wheel)
 Code 23DU (Omit Rotating Screen)

5620-0147
 5620-0149
 5620-0149-01

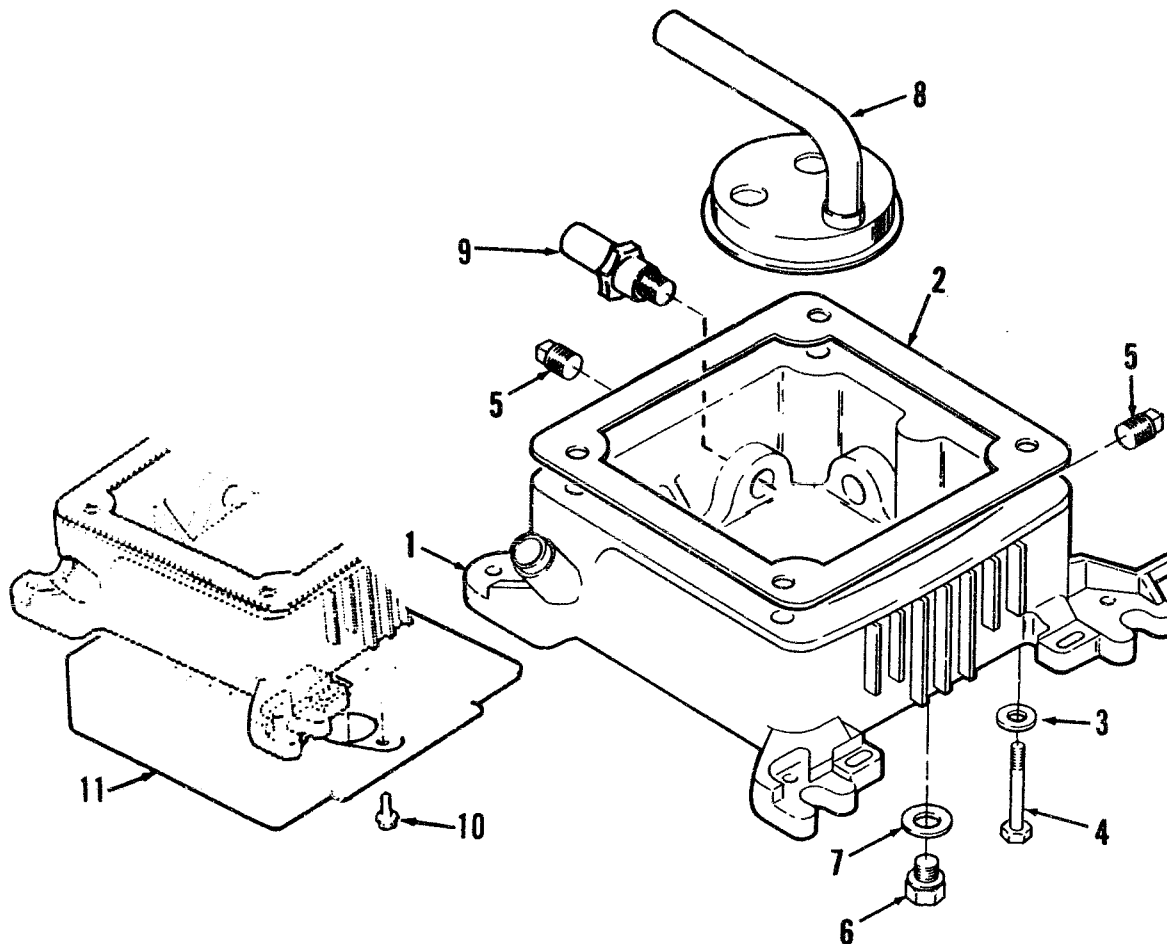


REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	134-4633	1	Flywheel (Includes Ring Gear)	6	821-0014	4	Screw, Cap - Hex Head Locking (5/16-18 x 1/2") - OEM Supplied on Code 45AZ
2	104-0170	1	Screw, Cap - Hex Head (Special)	7	134-4553-50	1	Screen, Air Inlet - Code 31AZ, 23DC - Painted
3	526-0356	1	Washer, Flat (7/16" Screw)	8	104-0779	1	Gear, Ring
4	526-0017	1	Washer, Flat (7/16" Screw)	9	515-0284	1	Key, Flywheel
5	815-0687	6	Screw, Lock Head - Flange (#10-24 x 3/8")				

Oil Base

Code 17BW (Standard Capacity With Side Drain Only)
 Code 17CG (Standard Capacity With Optional Drains)
 Code 17CM (Oil Base - 2.5 Quart - Die Cast)
 Code 17DE (Oil Base Standard Capacity With Temperature Switch)

5620-0010
 5620-0050
 5620-0155-01
 5620-0248-01
 5620-0408

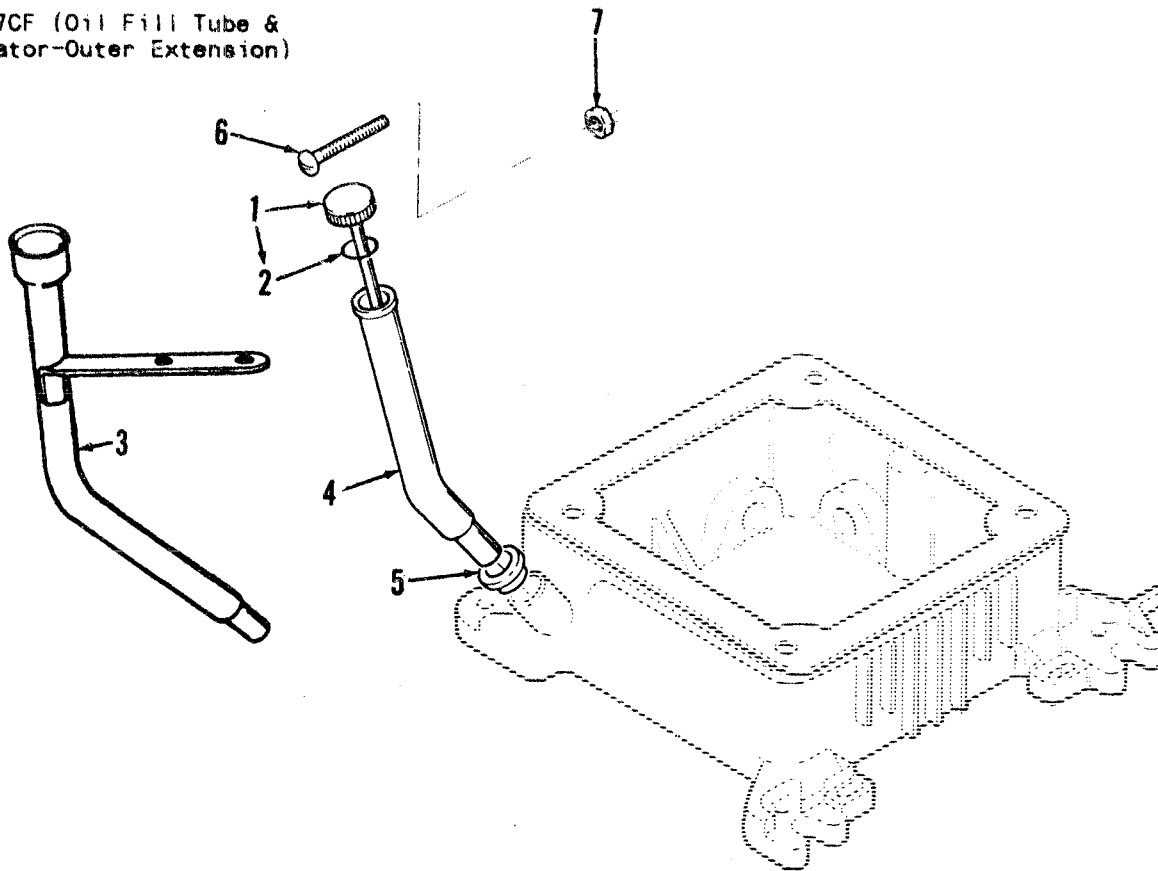


REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Base, Oil (Includes All Plugs and Plug Gasket)	6	102-0938	1	Plug, Hex Head - Special - Code 17CM, 17DE
	102-1325	1	Code 17BW, 17CG, 17DE	7	102-0743	1	Gasket, Hex Head Plug - Code 17CM, 17DE
	102-1338	1	Code 17CM	8			Cup, Intake - Oil Pump
2	102-1387	1	Gasket, Oil Base		120-0713	1	Code 17BW, 17CG, 17DE
3	526-0251	4	Washer, Flat (3/8" Screw)		120-1215	1	Code 17CM
4			Screw, Cap - Hex Head	9	309-0625	1	Switch, Oil Temperature
	800-0061	4	(3/8-16 x 3-3/4") - Code 17BW, 17CG, 17DE				Code 17DE
	800-0200	4	(3/8-16 x 5-3/4") - Code 17CM	10	815-0340	2	Screw, Hex Washer Head (10-32 x 3/8") Code 23DV
5			Plug, Square Head (3/8") -	11	134-3864-50	1	Baffle, Oil Base - Code 23DV
	505-0110	2	Code 17BW, 17CG, 17CM				Painted - Begin
	505-0110	1	Code 17DE				S/N F893560196

Oil Fill Tube, And Bracket

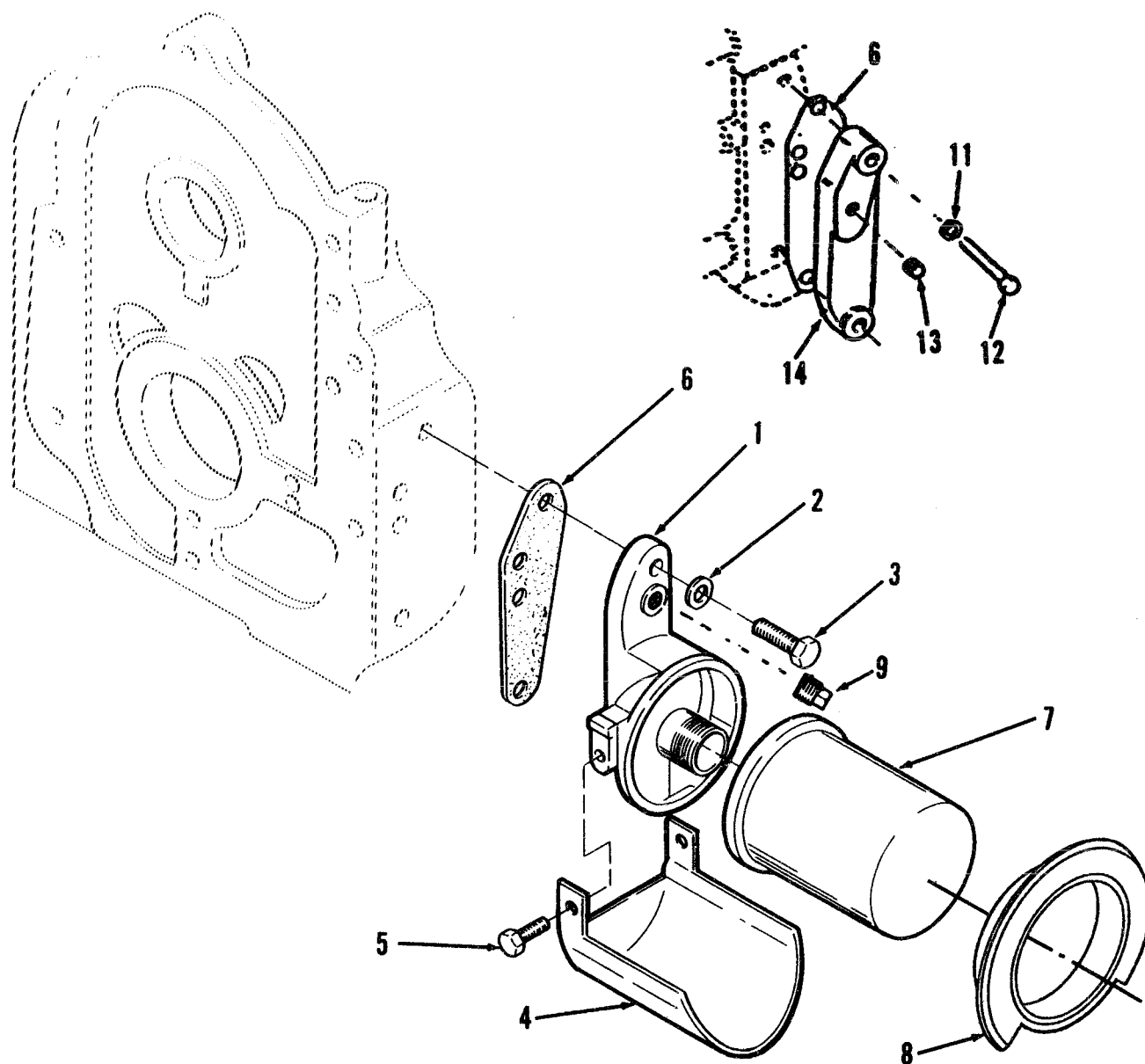
Code 17CF (Oil Fill Tube &
Indicator-Outer Extension)

5620-0037
5620-0037-01
5620-0037-02



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1		1	Cap and Indicator, Oil Fill (Includes O-Ring)
	123-1754	1	Code 17BW, 17CG, 17CF
	123-1850	1	Code 17CM
2	509-0142	1	O-Ring, Oil Fill Cap
3	123-1896-51	1	Tube, Oil Fill - Includes Bracket - Painted

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	123-1729-50	1	Tube, Oil Fill - Painted
5	509-0269	1	Seal, Oil Fill Tube
6	815-0576	1	Screw, Pan Head (#10 x 1-1/4")
7	870-0410	1	Nut, Speed (Type U)

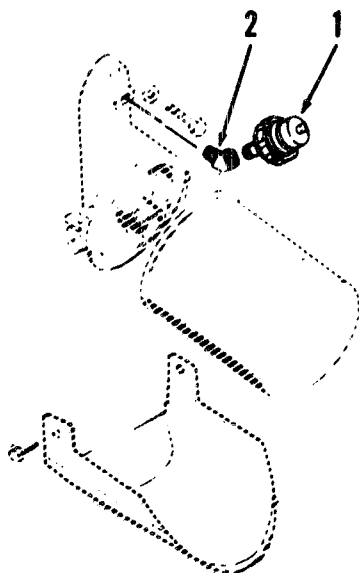


REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	122-0320	1	Adapter, Oil Filter	8	122-0502	1	Gasket, Oil Filter
2	526-0065	2	Washer, Flat - Copper (5/16" Screw)	9	505-0057	1	Plug, Square Head (1/8") Units Without Lopko Switch
3	800-0028	2	Screw, Cap - Hex Head (5/16-18 x 1")	11	526-0065	2	Washer, Flat - Copper (5/16" Screw)
4	122-0360-50	1	Drain, Oil Filter - Painted	12	800-0028	2	Screw, Cap - Hex Head (5/16-18 x 1")
5	815-0194	2	Screw, Cap - Hex Head W/ET (#10-32 x 3/8")	13	505-0274	1	Plug, Countersunk (1/8")
6	122-0771	1	Gasket, Oil Filter Adapter	14	122-0438	1	Cover, Oil Filter Pad
7	122-0645	1	Filter, Oil - Without Hex Nut				

Low Oil Pressure Cut-Off Switch

Code 35AV (Lopko Switch-2 Terminal - Normally Open)

5620-0102



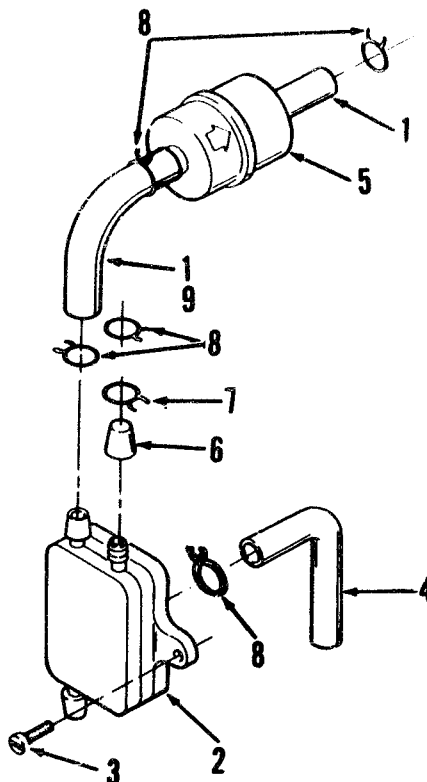
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	309-0105	1	Switch, Low Oil Pressure 2 Terminal - Normally Open

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
2	502-0053	1	Elbow, Street - 45°

Fuel Pump And Filter

Code 15AZ (Fuel Pump Without Filter-Dual Inlet)
 Code 15BL (Fuel Pump With Filter-Dual Inlet)
 Code 15BZ (5" Fuel Line With Filter)
 (Suck Side Bottom)

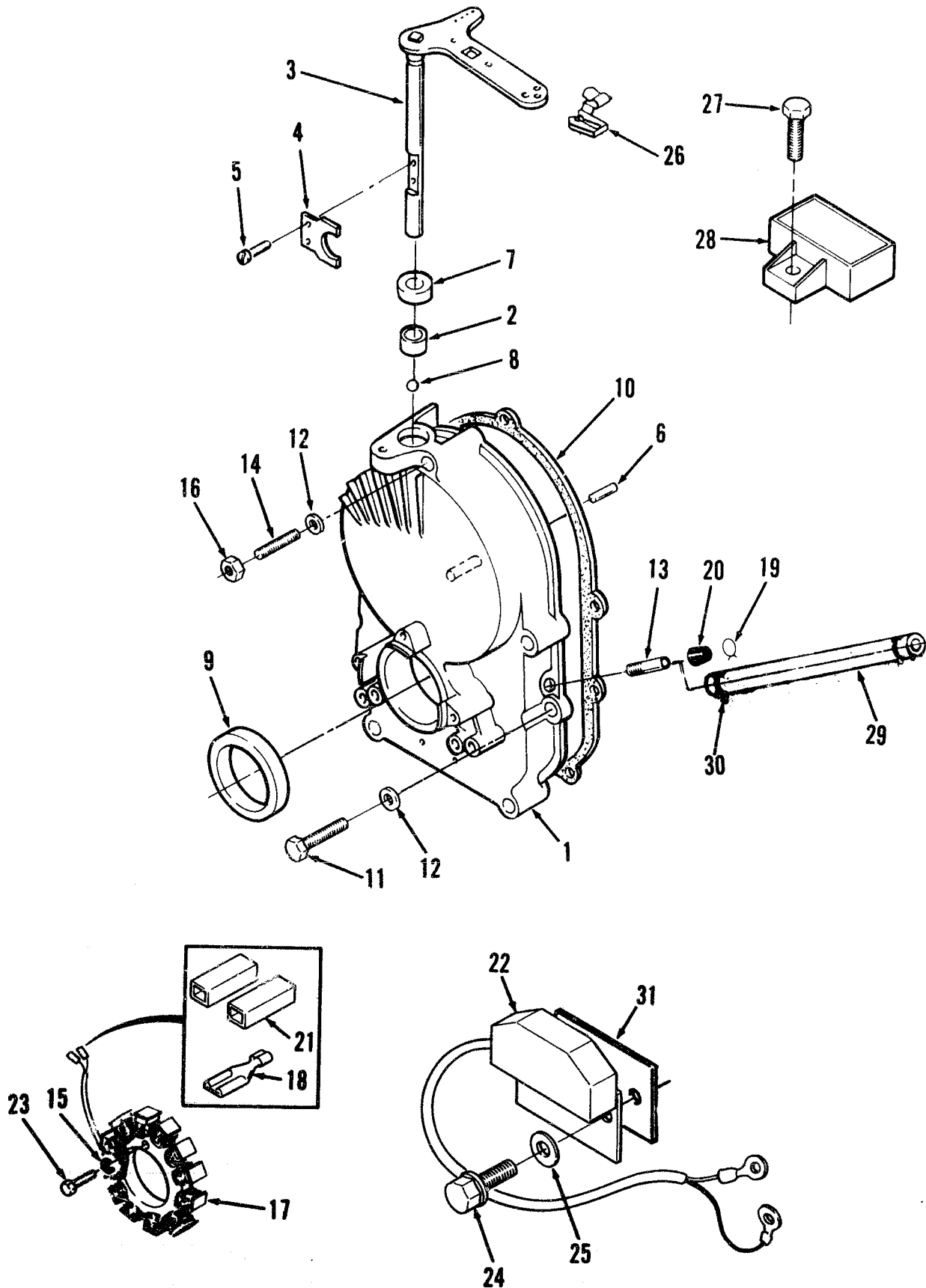
5620-0008
 5620-0029
 5620-0162
 5620-0333



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	503-1016	1	Hose - 12" (Cut To Appropriate Length)	6	149-1321	1	Cap, Fuel Fitting
2	149-1982	1	Pump, Fuel - Vacuum	7	503-0301	1	Clamp, Hose (7/16")
3	815-0555	2	Screw, Tapping - Pan Head (10-24 x 5/8")	8	503-0731	4	Clamp, Hose (1/2") Without Filter
4	503-0707	1	Line, Pulse (Cut To 7" Long)		503-0731	6	With Filter
5	149-2206-01	1	Filter, Fuel	9	503-1199	1	Hose - 24" (Cut to 20-3/4" Long) Code 15BZ, 15BD, 15BL

Gearcase, Ignition Control, Alternator And Regulator

Code 31AZ (Alternator - 12 Volt, 20 Ampere)



Gearcase, Ignition Control, Alternator and Regulator

5620-0042
5620-0138
5620-0158
5620-0183
5620-0317

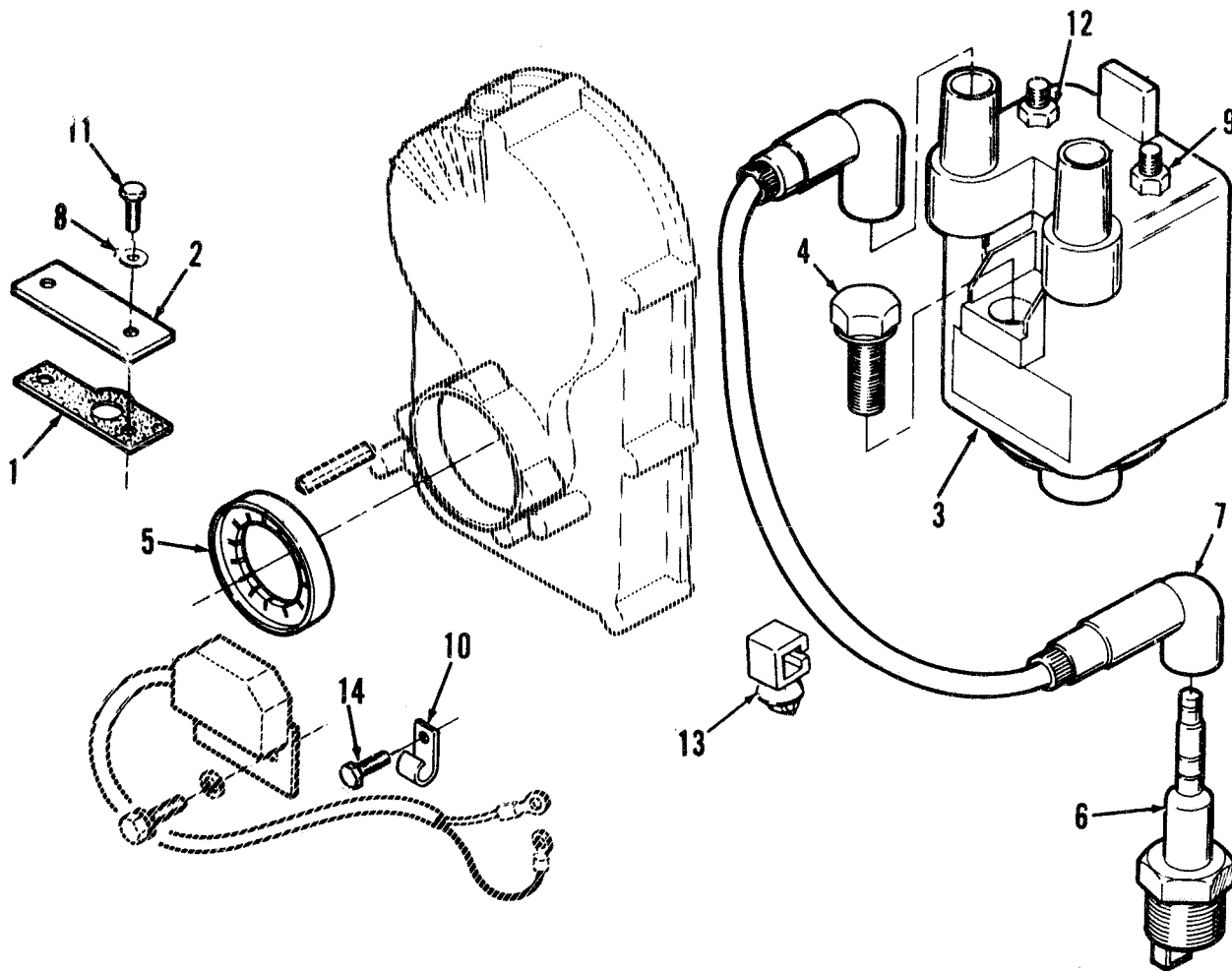
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Gearcase (Kit) (Includes Parts Marked*)	18	332-2423	3	Terminal, Stator Leads Code 31AZ
	103-0791	1	P216,P220 Models	19	503-0301	1	*Clamp, Vacuum Port Cap (7/16")
	103-0799	1	P218 Models	20	149-1321	1	*Cap, Vacuum Port
2	510-0105	1	*Bearing, Governor Shaft	21	323-1257	2	Body, Terminal Connector Kit (Includes Terminals) Code 31AZ
3			*Shaft And Arm, Governor				
	150-1470	1	P216,P220 Models	22	166-0785	1	Control, Ignition
	150-1422	1	P218 Models	23	815-0172	3	Screw, Machine - Hex Head Self-Lock (#10-32x1") Code 31AZ
4	150-1187	1	*Yoke, Governor Shaft				
5	815-0046	2	*Screw, Machine - Pan Head (8-32x3/8")	24	815-0340	2	Screw, Hex Washer Head (10-32x3/8")
6	516-0130	1	*Pin, Dowel - Governor Cup Stop	25	854-0010	2	Washer, Lock - IT (#10)
7	509-0008	1	*Seal, Oil - Governor Shaft	26	518-0406	1	Clip, Retaining - Control Rod To Governor Shaft
8	510-0014	1	*Ball, Bearing - Governor Shaft	27	821-0008	1	Screw, Cap - Hex Washer Head (1/4-20x5/16") Note: Cap Screw is Inverted for Code 23EH
9	509-0040	1	*Seal, Oil - Crankshaft				
10	103-0810	1	Gasket, Gearcase Mounting	28	191-1748	1	Regulator, Voltage - 20 Ampere - Code 31AZ, 23EH
11	800-0032	4	Screw, Cap - Hex Head (5/16-18x1-3/4")	29	503-0707	1	Hose, Vacuum - Code 13CH - Spec B
12	526-0065	5	Washer, Flat - Copper (5/16" Screw)	30	503-0731	2	Clamp, Vacuum Hose (1/2") - Code 13CH
13	149-1299	1	*Tube, Vacuum Port (1.5" Long)	31	166-0786	1	Insulator, Ignition Module
14	520-0933	1	Stud, Gear Cover				
15	850-0030	3	Washer, Lock (#10) - Code 31AZ				
16	862-0015	1	Nut, Hex (5/16-18)				
17	191-1456	1	Stator (Includes Terminals)				

* - Parts Included In Gearcase.

Ignition - Electronic

Code 31AY (Electronic Ignition)

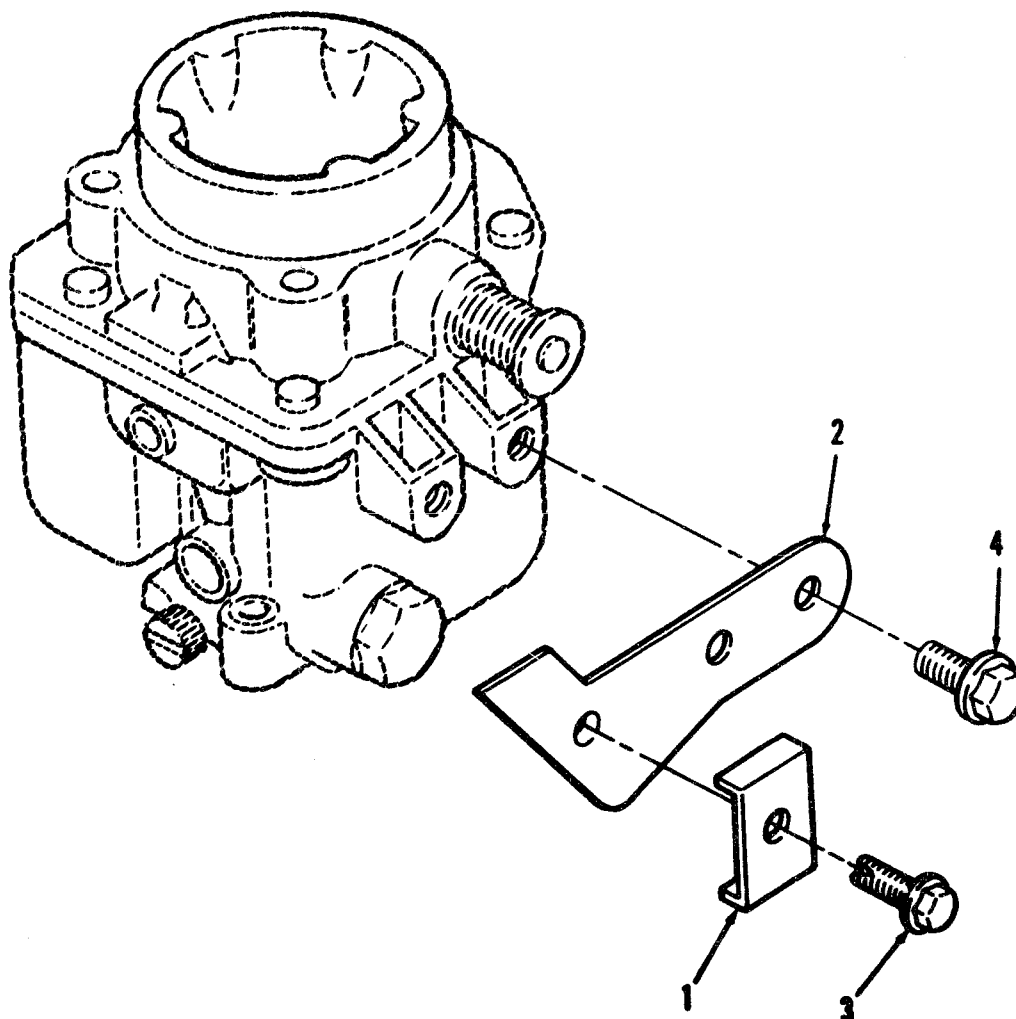
5620-0018
5620-0018-01
5620-0157
5620-0158



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	160-1368	1	Gasket, Plate	8	740-1004	2	Washer, Flat (M6)
2	160-1345-01	1	Plate, Ignition Plunger Cover - Zinc Plated	9	166-0770	1	Nut, Hex Flange (M4 Positive Terminal)
3	166-0761	1	Coil, Battery Ignition (Includes Nuts)	10	518-0515	2	Clip, Wire
4	815-0650	2	Screw, Hex Washer Head (1/4-20 x 1")	11	800-0004	2	Screw, Cap Hex Head (1/4-20 x 5/8")
5	166-0767	1	Rotor, Ignition	12	166-0771	1	Nut, Hex Flange (M5 Negative Terminal)
6	167-0263	2	Plug, Spark	13	332-2904	1	Clip, Wire (Attach to #1 Spark Plug Wire)
7	167-1615-01	1	Cable, Spark Plug 9" Long	14	800-0032	2	Screw, Cap - Hex Head (5/16-18 x 1-3/4")
	167-1615-04	1	18.5" Long				

Rear Pull Choke

5620-0009



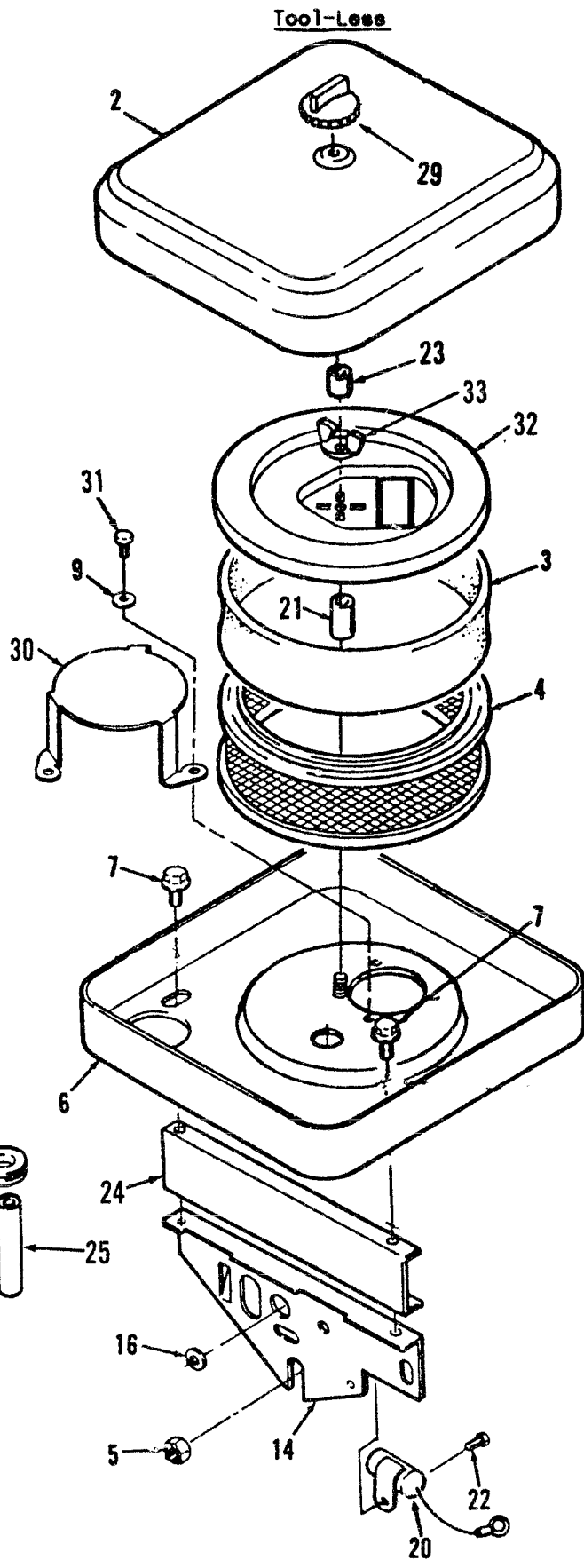
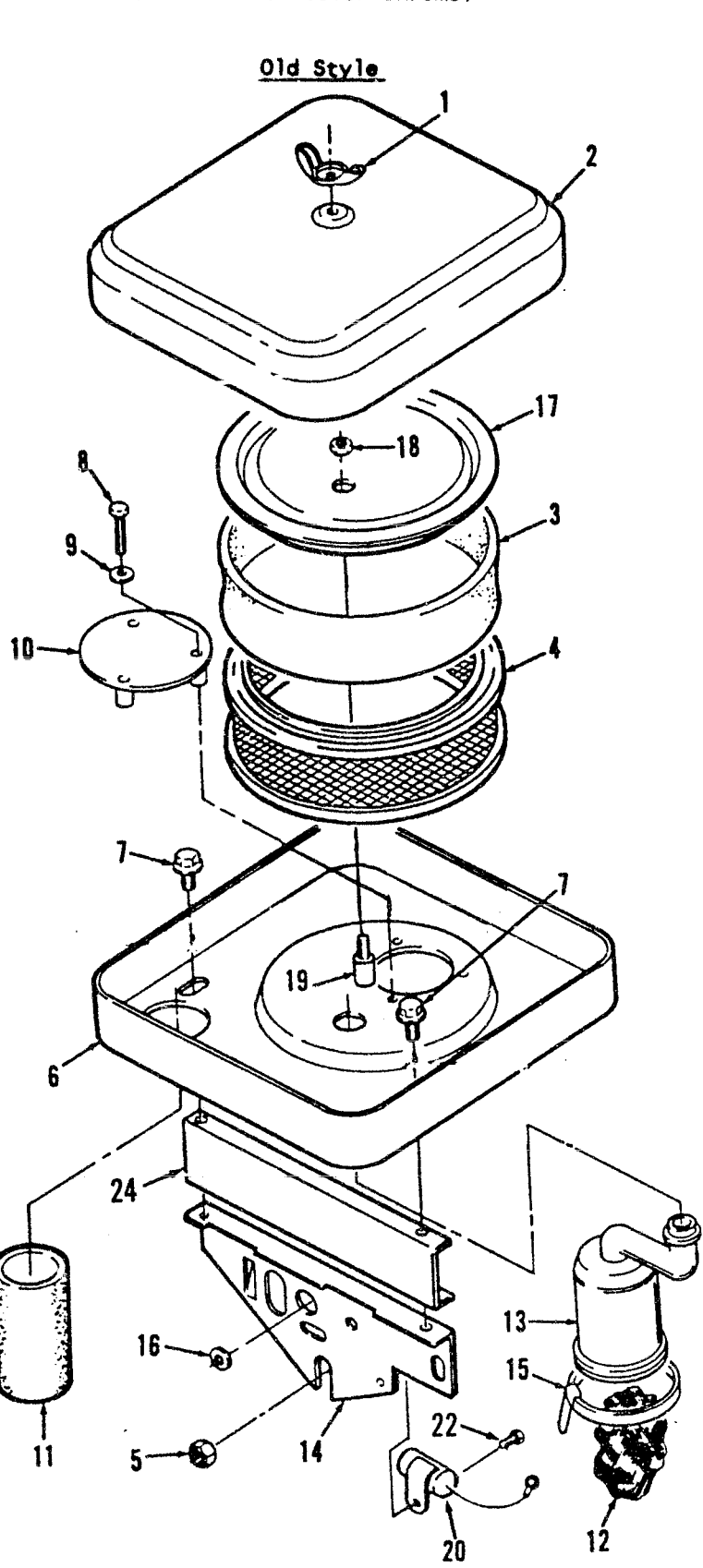
769A

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	153-0514	1	Clamp, Choke Cable
2	153-0515	1	Bracket, Choke Cable
3	815-0359	1	Screw, Hex Washer Head - Thread Forming (#10-32 x 7/8")

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	821-0004	2	Screw, Cap - Hex Washer Head (#10-32 x 5/16")

Code 19AS (Air Cleaner-Standard Capacity)
Code 19BB (Air Cleaner Cover-Chrome)

Air Cleaner



Air Cleaner

5620-0013
5620-0105
5620-0161

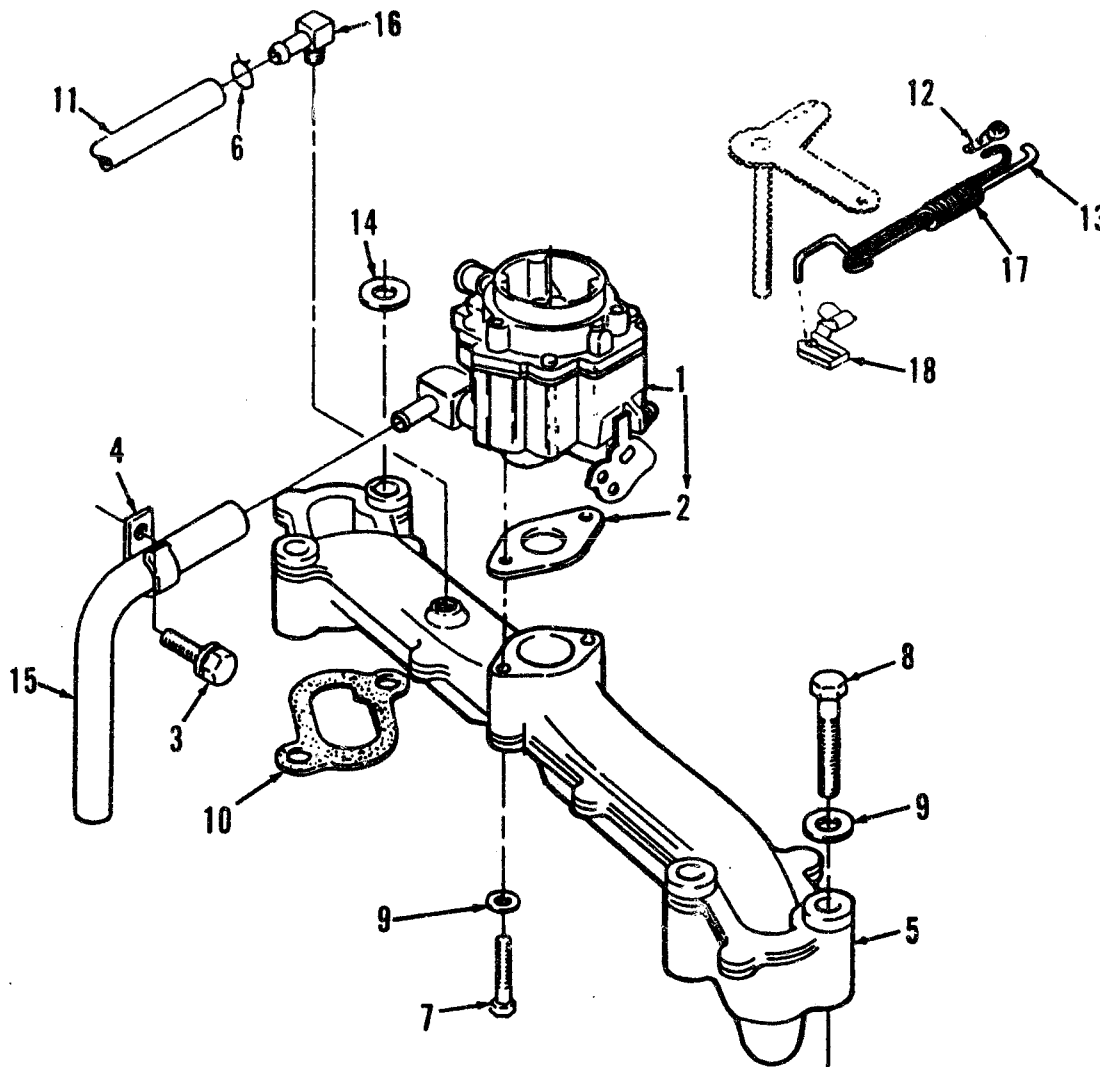
5620-0162
5620-0277
5620-0364-64
5620-0451-01

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	865-0020	1	Nut, Wing (1/4-20)	12	123-1417	1	Filter, Breather Tube
2			Cover, Air Cleaner	13	123-1429	1	Tube, Crankcase Breather
	140-2005-50	1	Painted - Code 19AS	14	140-2017-50	1	Support, Air Cleaner - Painted
	140-2005-02	1	Chromed - Code 1580, 19AS 158F	15	503-1752	1	Clamp, Breather Tube
3	140-1496	1	Wrapper, Air Cleaner Element	16	508-0021	1	Grommet, Rubber (3/4" Hole Size)
4			Element, Air Cleaner	17	140-1692	1	Cover, Element
	140-2522	1	Standard Capacity - Code 19AS	18	870-0365	1	Nut, Hex (1/4-20)
	140-2523	1	High Capacity	19	301-0458	1	Spacer, Air Cleaner Stud
5	870-0399	1	Nut, Hex Washer Head Flanged (5/16-18)	20	312-0256	1	Capacitor (Placed horizontal)
6			Housing, Air Cleaner	21	140-2536-01	1	Spacer, Air Cleaner Stud - 1" Long - Standard
	140-2493-53	1	Code 19AS - Begin Spec C - Use with Standard Filter	22	815-0178	1	Screw, Hex Washer Head - Thread Form (10-32 x 5/8")
	140-2493-51	1	Code 19AS - Use with Standard Filter	23	140-2536-03	1	Spacer, Rubber
7	815-0575	2	Screw, Tapping - Hex Washer Head (1/4-20 x 3/8") Gasoline	24	140-2202-02	1	Spacer, LP Gas - Painted - Early Systems
8	815-0470	3	Screw, Hex Head - Machine Gasoline Fuel (#10-32 x 1-1/2")	25	123-1484-01	1	Tube, Breather (Copper) LP Gas
9	526-0234	3	Washer, Flat (#10 Screw)	26	508-0021	1	Grommet, Rubber (1/2" ID) LP Gas
10	145-0521	1	Plate, Air Deflector - Gasoline Units	29	140-2537	1	Knob (1/4-20)
11			Tube, Air Intake	30	145-0614	1	Plate, Air Deflector - High Capacity - Gasoline & LP
	140-2025	1	Gasoline Units - 3.5" Long	31	815-0463	3	Screw, Slotted - Hex Washer Head (#10-32 x 3/8")
	140-2025-01	1	Gasoline Units - P220 - 4.12" Long	32	140-2441	1	Cover, Element
				33	865-0029	1	Nut, Wing (1/4-20)

Intake Manifold (Down Draft) Gasoline

Code 15BD (Down Draft Carburetor - Manual Choke)
Code 15CL (Down Carburetor - Auto Choke)

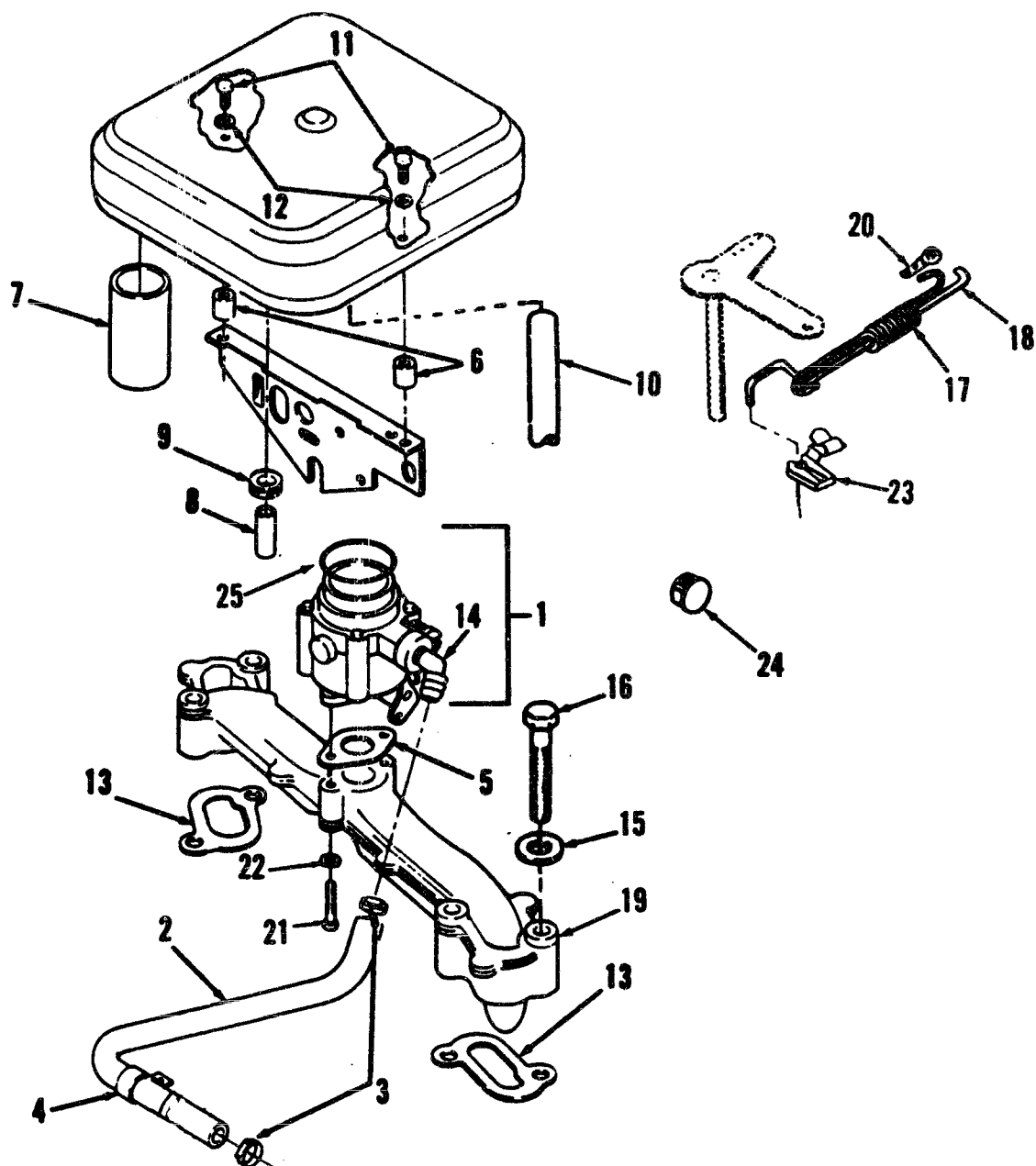
5620-0008
5620-0029
5620-0100
5620-0105
5620-0106
5620-0162
5620-0278
5620-0279
5620-0409



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Carburetor, Complete (Includes Mounting Gasket, Elbow and O-Ring) (See Separate Page for Components)	8	800-0033	4	Screw, Cap - Hex Head (5/16-18 x 2")
	146-0428	1	P216, P218 - Spec B	9	740-1006	6	Washer, Flat (M8)
	146-0430	1	P220 - Spec B	10	154-2495	2	Gasket, Manifold To Block
	146-0495	1	P216, P218 - Begin Spec C	11	503-1606-01	1	Hose, Breather - Begin Spec C Code 19AS
	146-0496	1	P220 - Begin Spec C	12	518-0004	1	Clip, Retaining - Control Rod To Carburetor
	146-0506	1	Automatic Choke - P218 - Code 15CL	13	150-2460	1	Rod, Governor Control P216, P220 - Zinc Plated and P218, Code 15CL
2	154-0733	1	Gasket, Carburetor To Manifold		150-2364	1	P218
3	815-0474	1	Screw, Hex Washer Head (1/4-14 x 1/2")		150-2417-02	1	Automatic Choke - P218 - Code 15CL
4	518-0515	1	Clip, Wire - Fuel Line	14	526-0113	1	Washer, Flat (5/16" Screw)
5			Manifold, Intake	15			Hose, Fuel
	541-0275	1	With Untapped Boss		503-1548	1	17" Long
	154-2717	1	With Tapped Boss		503-1443	1	15" Long
6	503-1133	1	Clamp, Hose - Code 19AS	16	502-1038	1	Fitting, Barbed
7	800-0032	2	Screw, Cap - Hex Head (5/16-18 x 1-3/4")	17	150-2409	1	Spring, Governor Rod
				18	518-0406	1	Clip, Retaining

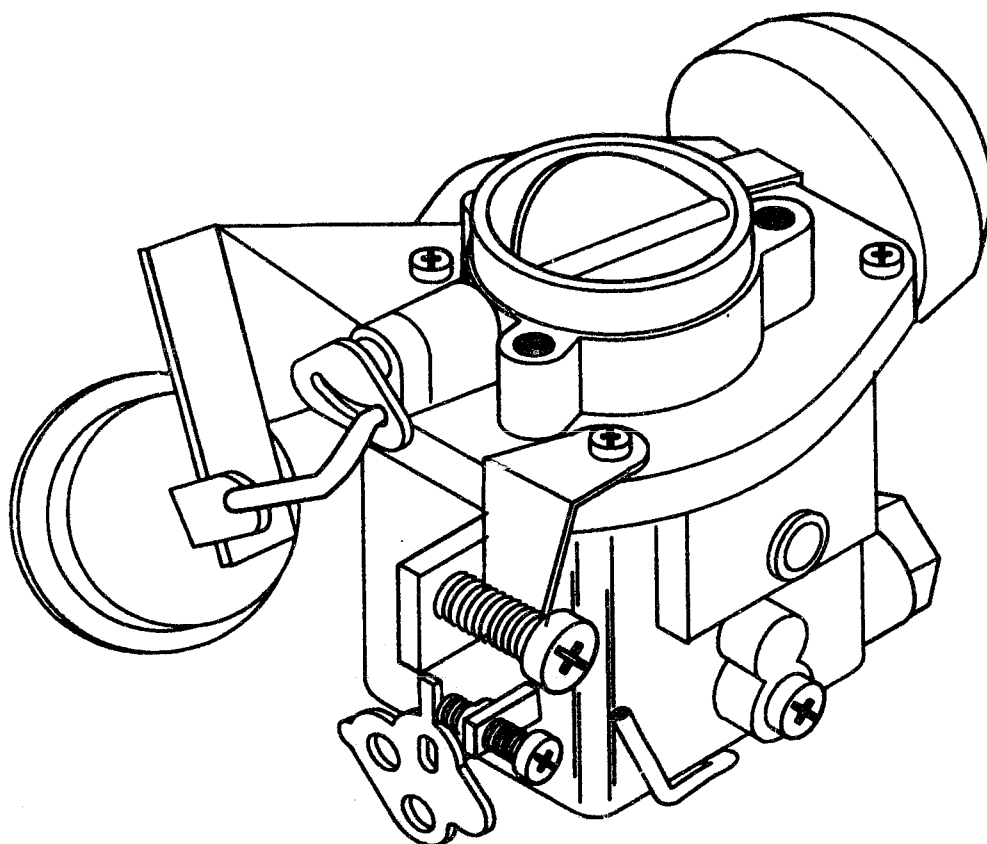
LPG Carburetor Kit

Code 158F



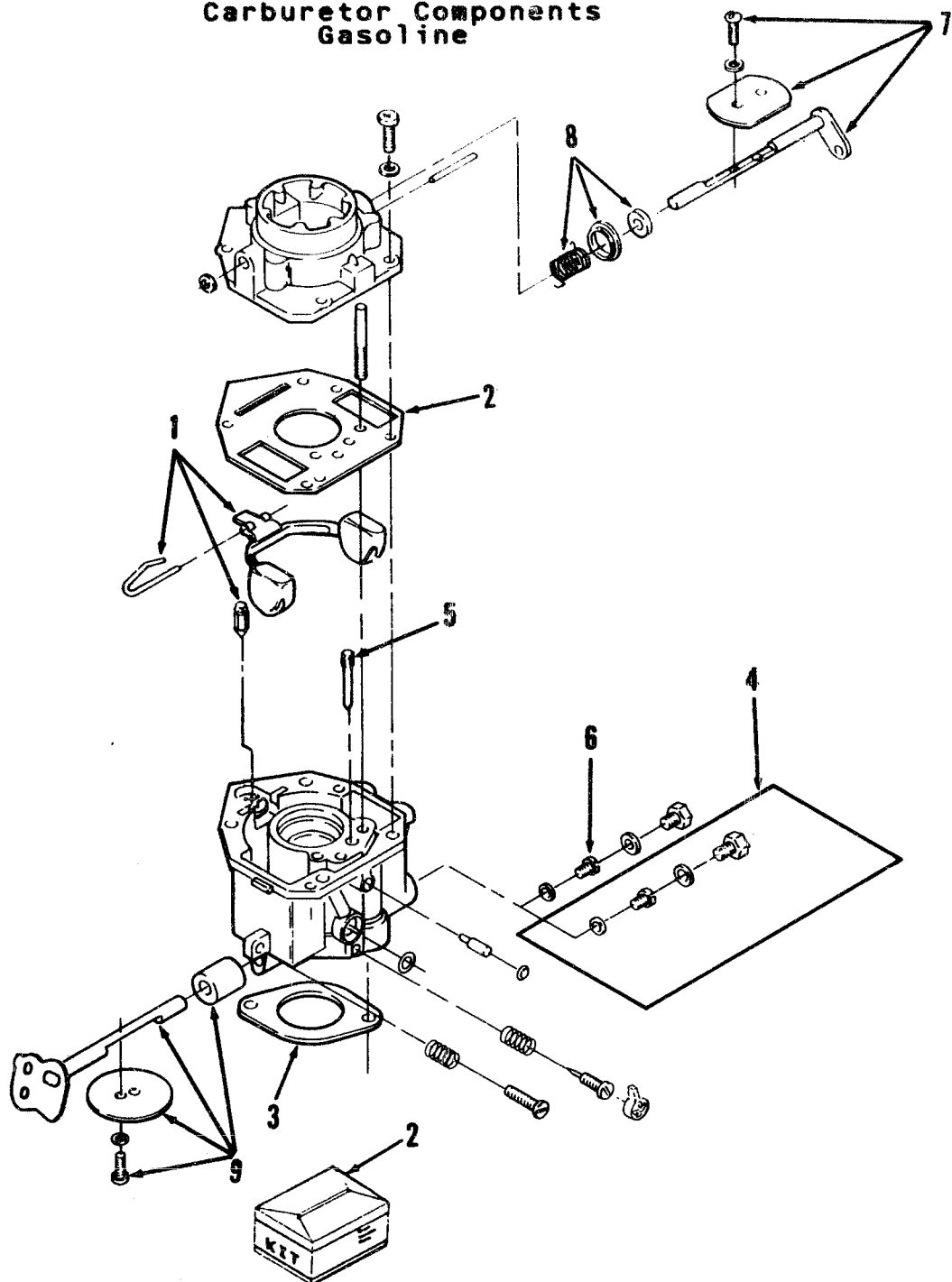
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	146-0562	1	Carburetor, LP	15	740-1006	4	Washer, Flat (M8)
2	503-1798	1	Hose (3/8" ID x 18" Long)	16	800-0033	4	Screw, Cap - Hex Head (5/16-18 x 2")
3	503-1133	2	Clamp, Hose	17	150-2409	1	Spring, Governor Rod
4	332-1356	1	Clamp, Loop	18	150-2417-02	1	Rod, Governor Control
5	141-0281	1	Gasket, Carburetor Mounting	19	154-2858	1	Manifold, Intake
6	140-2624-02	2	Spacer, Air Cleaner	20	518-0004	1	Clip, Retaining - Control Rod to Carburetor
7	140-2025-01	1	Hose, Air Inlet	21	800-0193	2	Screw, Cap - Hex Head (5/16-18 x 1-7/8")
8	123-1484-01	1	Tube, Breather - Copper	22	526-0397	2	Washer, Flat (.34" Screw)
9	508-0021	1	Grommet, Rubber	23	518-0406	1	Clip, Retaining
10	503-1606-02	1	Hose, Breather - (3.75" Lg) - Begin Spec C	24	517-0136	1	Plug, Fuel Pump Hole - Blower Housing
11	821-0013	2	Screw, Cap - Hex head (1/4-20 x 1)	25	509-0145	1	O-Ring
12	526-0018	2	Washer, Flat (1/4" Screw)				
13	154-2495	2	Gasket, Intake Manifold				
14	502-1146	1	Elbow, Brass - 45°				

Carburetor Components (Gasoline-Auto Choke)



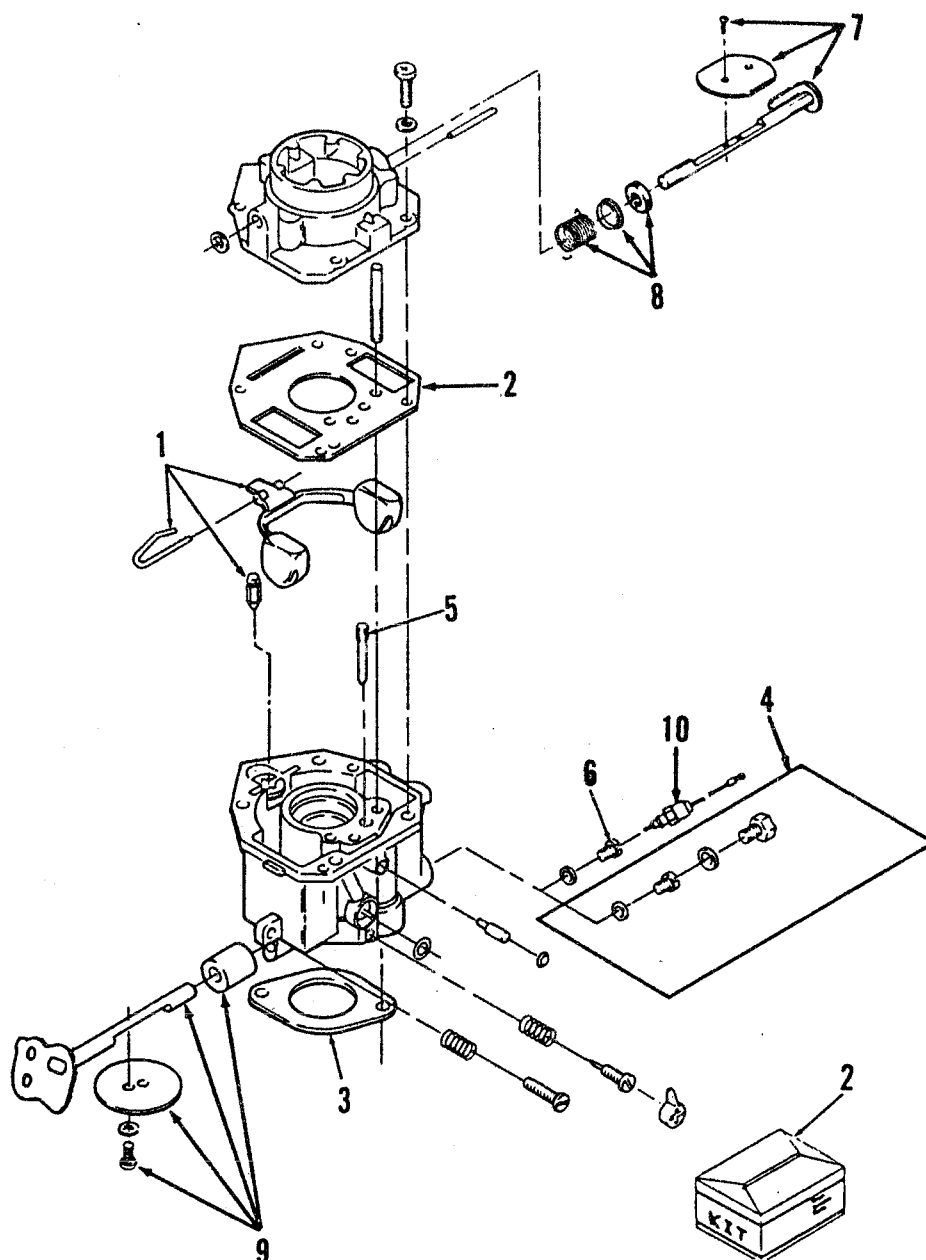
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
146-0506	1		Carburetor, Complete	146-0503	1		Kit, Throttle shaft (Includes Valve Set Screw, Throttle Shaft, Air Filter and Throttle Valve)
146-0425	1		Jet, Idle				
146-0343	1		Jet, Power				
146-0441	1		Cap, Idle Limiter				
146-0341	1		Spring, Power Needle	146-0437	1		Kit, Float (Includes Float, Valve and Pin)
146-0342	1		Needle, Complete Power				
146-0498	1		Kit, Screw and Plug (Includes Screws, Gaskets, Plugs and Idle Adjust Spring)	146-0499	1		Kit, Gasket (Includes Air Horn Gasket, Power Plug Gasket (2) and O-Ring)

Carburetor Components Gasoline



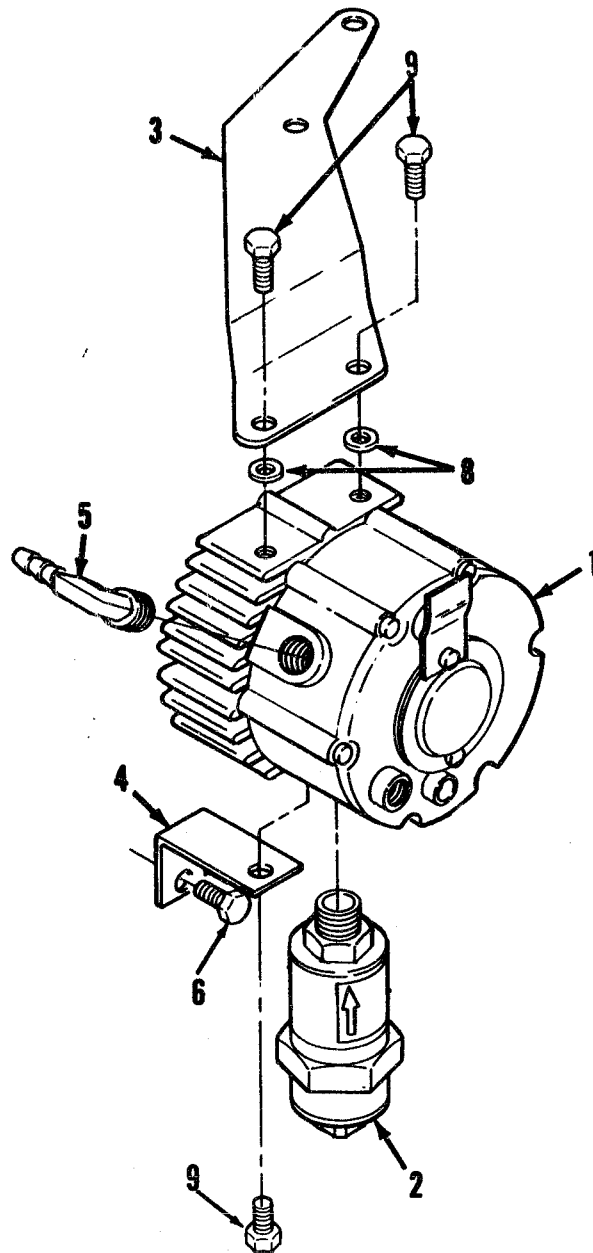
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Carburetor, Complete (Includes Mounting Gasket)	5	146-0425	1	Jet, Idle
	146-0428	1	P216, P218 - Spec B	6	146-0396	1	Jet, Power
	146-0430	1	P220 - Spec B		146-0391	1	P216, P218
1	146-0437	1	Kit, Float (Includes Float, Pin and Valve)		146-0433	1	P220
2	146-0500	1	Kit, Repair (Includes Screw and Plug Package, Gasket Package, Float Valve, Idle Adjust Needle And Spring, Mounting Gaskets, Idle Limit Cap)	7	146-0433	1	Kit, Shaft - Choke (Includes Choke Valve, Valve Set Screw and Air Filter)
3	154-0733	1	Gasket, Carburetor Mounting	8	146-0435	1	Kit, Lever - Choke (Includes Choke Lever Ring, Choke Spring and Choke Collar)
4			Jet, Power - Fixed - Optional (High Altitude Application)	9	146-0503	1	Kit, Shaft - Throttle (Includes Valve Set Screw, Air Filter and Throttle Valve)
	146-0458	1	P216, P218				
	146-0347	1	P220				

Carburetor Components (Gasoline)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Carburetor, Complete (Includes Mounting Gasket)	6			Jet, Power - Standard
	146-0495	1	P216, P218 - Begin Spec C		146-0396	1	P216, P218
	146-0496	1	P220 - Begin Spec C		146-0391	1	P220
1	146-0437	1	Kit, Float (Includes Float, Pin and Valve)	7	146-0433	1	Kit, Shaft - Choke (Includes Choke Valve, Valve Set Screw and Air Filter)
2	146-0500	1	Kit, Repair (Includes Screw And Plug Package, Gasket Package, Float Valve, Idle Adjust Needle And Spring, Mounting Gaskets, Idle Limit Cap)	8			Kit, Lever - Choke (Includes Choke Lever Ring, Choke Spring And Choke Collar)
3	154-0733	2	Gasket, Carburetor Mounting		146-0434	1	P216, P218
4			Jet, Power - Fixed - Optional (High Altitude Application)		146-0435	1	P220
	146-0458	1	P216, P218	9	146-0503	1	Kit, Shaft - Throttle (Includes Valve Set Screw, Air Filter And Throttle Valve)
	146-0347	1	P220	10	146-0502	1	Solenoid, Fuel Cut-off
5		1	Jet, Idle				
	146-0425	1	P216, P218				
	146-0420	1	P220				

LPG Converter Kit Liquid or Vapor

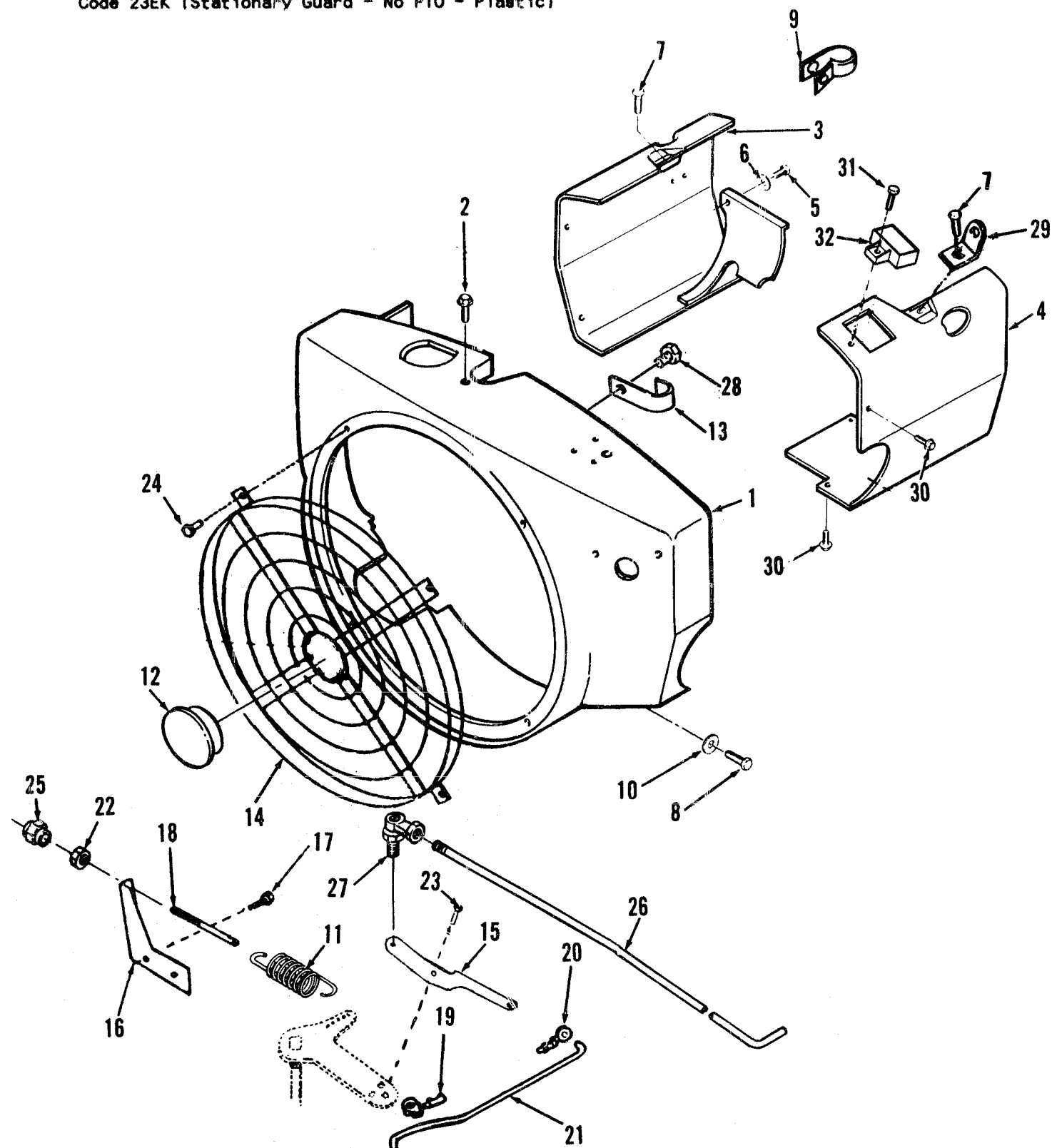


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	148-0941	1	Regulator, Vapor - LPG
2	307-2754	1	Shut Off, Fuel
3	148-0937	1	Bracket, Upper
4	148-0938	1	Bracket, Lower
5	502-1145	1	Elbow, 90 Degrees - 1/2 NPT - 3/8 Hose

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
6	815-0293	1	Screw, Thread Forming (1/4-20 x .75)
8	526-0018	2	Washer, Flat (1/4" Screw)
9	821-0018	3	Screw, Cap - Hex Head (1/4-20 x .625)

Blower Housing and Governor

Code 13CC (Governor Extension Arm) - Customer Interface
 Code 13CG (Fixed Speed Governor)
 Code 23DE (Stationary Guard - No PTO)
 Code 23DN (Stationary Guard - No PTO - Plastic)
 Code 23EH (Inverted Voltage Regulator)
 Code 23EJ (Stationary Guard - No PTO - Plastic)
 Code 23EK (Stationary Guard - No PTO - Plastic)



Blower Housing and Governor

5620-0075
5620-0157
5620-0158-19
5620-0158-22
5620-0211
5620-0311-11

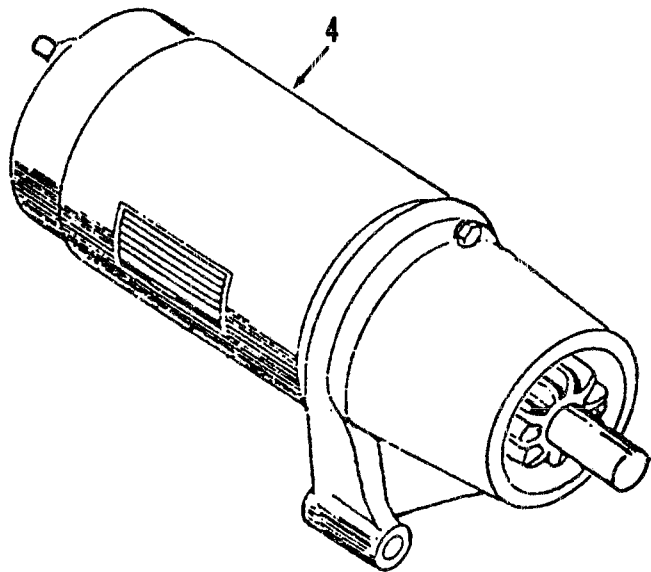
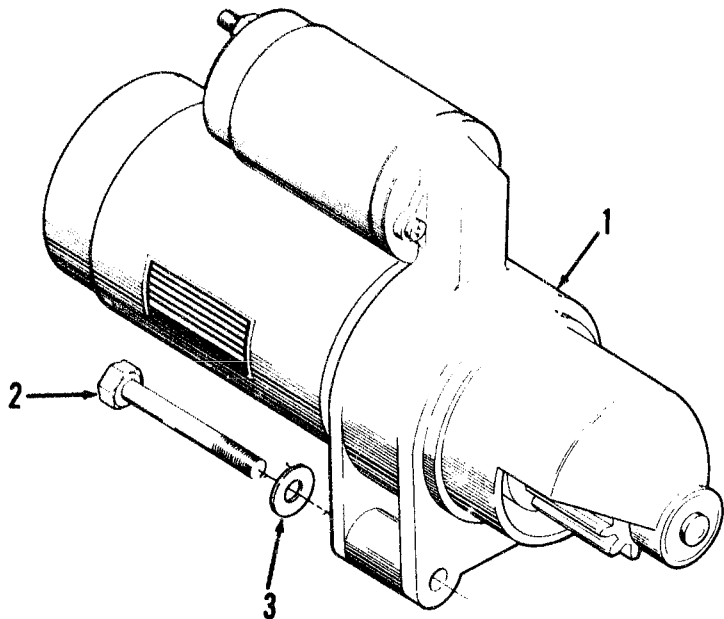
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5620-0311-41
5620-0312
5620-0317

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	134-4728-50	1	Housing, Blower - Painted Code 13CC, 13CG	15			Lever, Governor - Code 13CC
2	815-0261	2	Screw, Tapping - Hex Washer Head (1/4-20 x 7/16")		150-2427-02	1	Zinc Plated - Spec B
3	134-4615-50	1	Housing, Cylinder Air - LH - Painted		150-2388	1	Begin Spec B - P218
4	134-4796-50	1	Housing, Cylinder Air - RH - Painted		150-2408-02	1	Begin Spec B - P216, P220
5	815-0290	2	Screw, Tapping - Hex Washer Head (1/4-20x5/8")	16	150-2264	1	Bracket, Governor Adjust - Plated - Code 13CG
6			Washer, Flat (1/4" Screw)	17	821-0010	2	Screw, Lock Head (1/4-20 x 1/2") Code 13CG
	526-0021	2	Spec B	18	150-0694	1	Stud, Adjusting - Code 13CG
	526-0021	4	Begin Spec C	19	518-0406	1	Clip, Retaining - Control Rod Code 13CG
7	821-0016	2	Screw, Cap - Hex Washer Head (5/16-18x3/4")	20	518-0004	1	Clip, Retaining - Control Rod Code 13CG
8			Screw, Tapping - Hex Washer Head	21	150-2460	1	Rod, Governor Control - Zinc Plated - Code 13CG
	815-0290	4	1/4-20 x 5/8"	22	870-0131	1	Nut, Hex - Governor Adjusting (W/ET 10-32) - Code 13CG
	815-0337	4	1/4-20 x 3/4" - Code 17CM	23	815-0181	2	Screw, Thread Cutting - Hex Head W/ET (10-32 x 1/2")
9	332-2319	1	Clamp, Wire - Alternator Leads (5/16" Dia.)	24			Screw
10			Washer, Flat (1/4" Screw)		815-0575	4	Hex Washer Head (1/4-20 x 3/8")
	526-0018	4	Spec B		815-0721	4	Pan Head - Taptite (Special) Code 23DN
	526-0018	2	Begin Spec C	25	150-0621	1	Nut, Governor - Acorn Code 23DE, 13CE, 13CG
11			Spring, Governor	26	150-0629	1	Rod, Governor - Code 13CG Use Only With Code 13CC
	150-1214	1	5 Ball - Code 13CG	27	150-0639	1	Joint, Ball - Code 13CG Use Only With Code 13CG
	150-1740	1	10 Ball - Code 13CH	28	815-0474	1	Screw, Hex Washer Head (1/4-14 x 1/2") - Code 13CG
	150-2409	1	5 Ball - Code 13CG - Use with 13CC	29	403-1523-01	2	Bracket, Lifting - Zinc Plated
12			Nameplate	30	821-0008	4	Screw, Cap - Hex Washer Head (1/4-20 x 5/16")
	99-2420	1	Logo (Miller)	31	821-0008	1	Screw, Cap - Hex Washer Head (1/4-20 x 5/16")
	517-0261	1	Plug, Black Nylon	32	191-1748	1	Regulator, Voltage - 20 Amp - Code 31AZ
	517-0136	1	Plug, 59/64" Dia - Code 13CG				
13	518-0515	1	Clip, Wire - Code 13CG				
14			Guard, Stationary				
	134-4560-50	1	Metal (Steel) - Painted - Code 13CG				
	134-4689	1	Plastic - Code 23DN				

Starter (Solenoid Shift)

Code 33AT (Starter-Solenoid Shift [Side])
 Code 33AV (Starter - Bendix)

5620-0032
 5620-0166

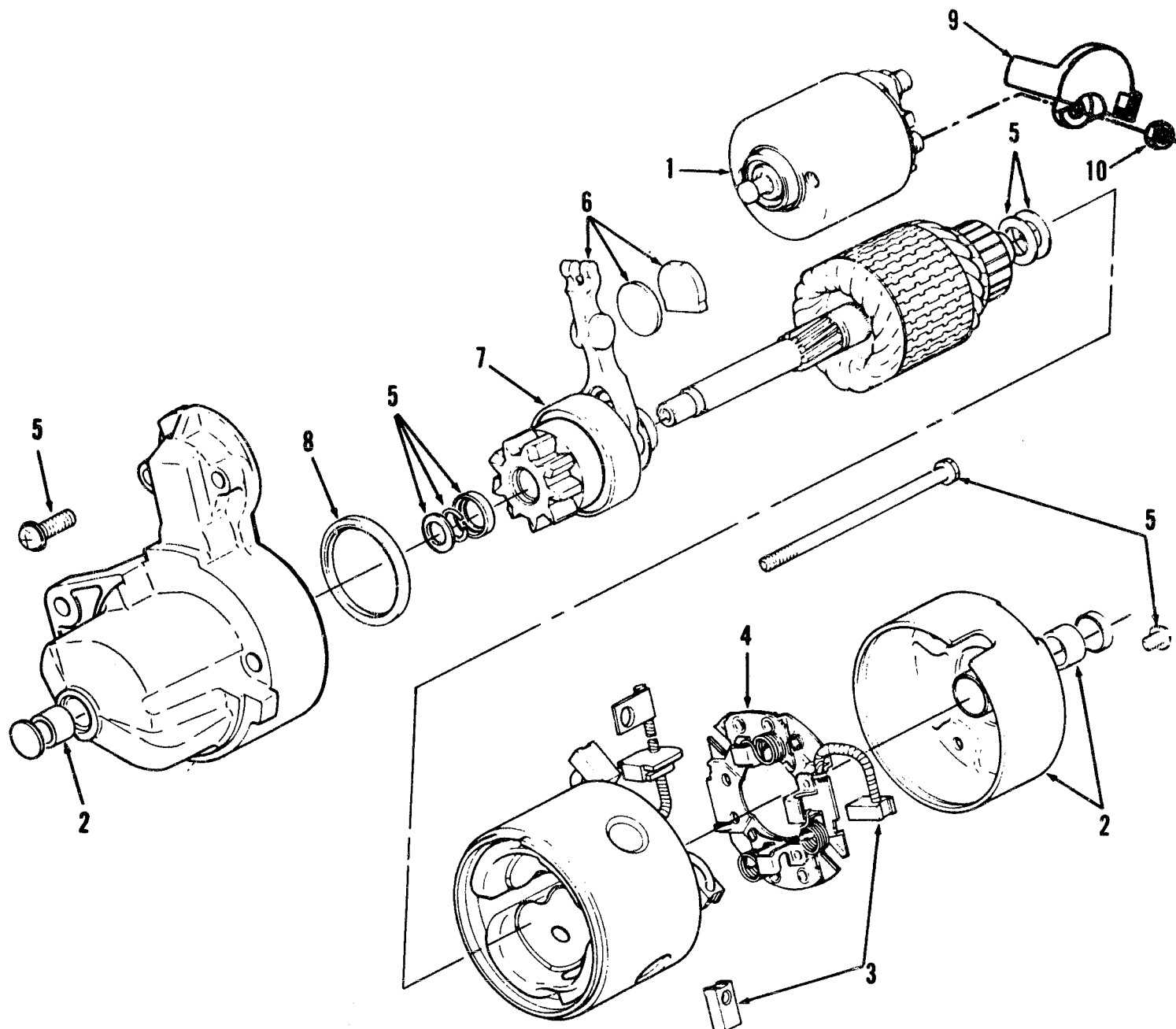


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	191-1808-04	1	Starter, Complete (See Separate Page For Components)
2	800-0595	2	Screw, Cap Hex Head (5/16"-18 x 3-1/2")
3			Washer, Flat (5/16" Screw) - Inside Mounting Bolt
	526-0122	1	Code 33AT
	526-0122	2	Code 33AV

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	191-1828	1	Starter - Inertia (Bendix) Type (See Separate Page for Components) - Code 33AV

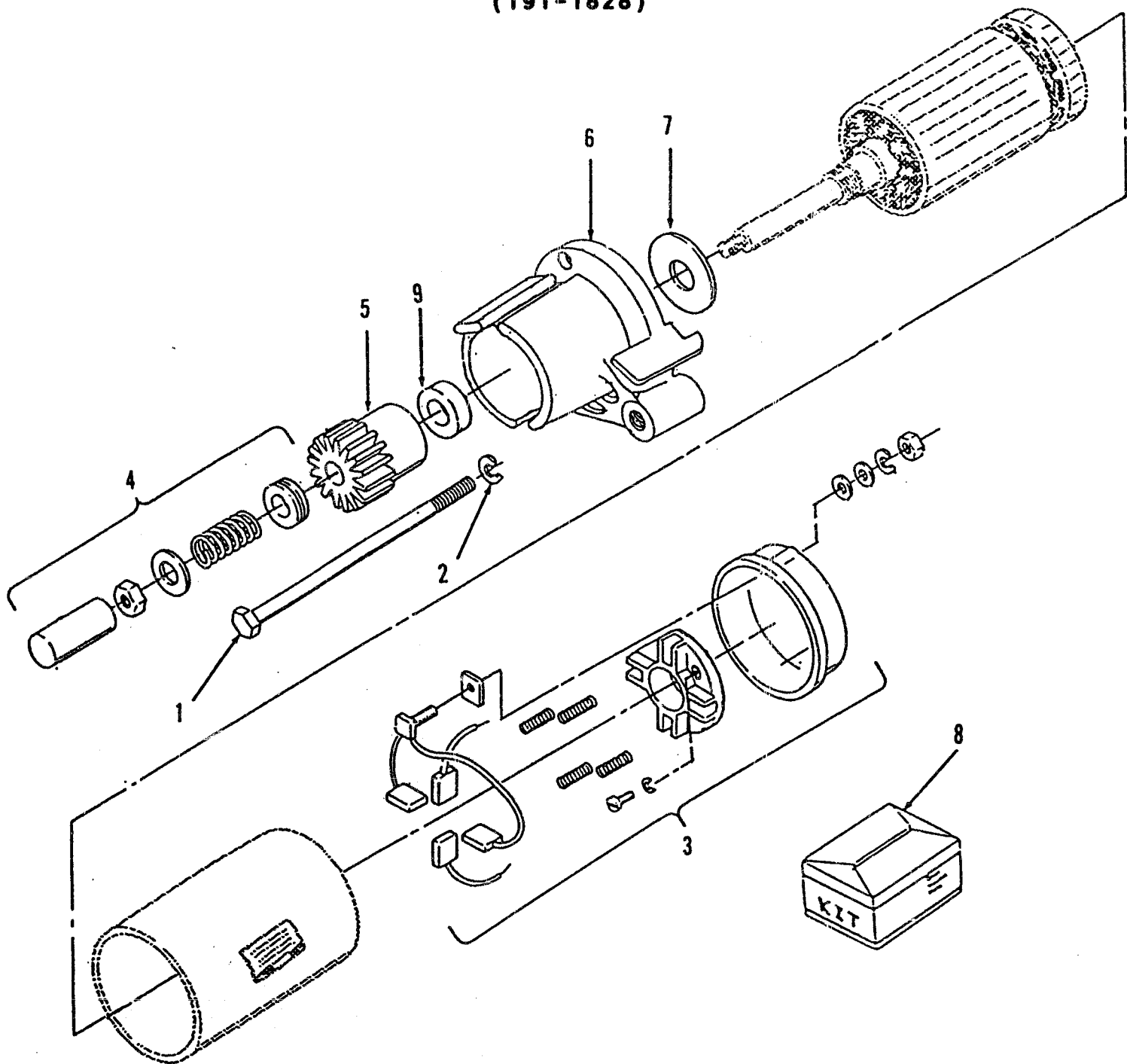
NOTE: Onan Part Number Stamped on the Starter Nameplate for Identification.

Starter Components Solenoid Shift



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	191-1808-04	1	Motor, Starter(Complete)	5	191-1765	5	Kit, Starter Hardware (Includes Solenoid Screws (2), Brush Holder Screws (2), Thru Bolts (2), Armature Shims(2) Pinion Stop Collar, Pinion Retaining Ring)
1	191-1956	1	Kit, Starter Solenoid (Includes Solenoid and Spring Plunger)	6	191-1766	1	Kit, Starter Shift Lever (Includes Shift Lever, Wear Plate, Rubber Plug)
2	191-1762	1	Kit, Bushing (Includes Front Bushing, Rear Cap With Bushing)	7	191-1810	1	Clutch, Starter (Includes Pinion Gear With Clutch)
3	191-1763	1	Kit, Starter Brush (Includes Positive Brush (2) Negative Brush With Pigtail)	8	191-1811	1	Seal, Dust
4	191-1764	1	Holder, Brush - Starter (Includes Brush Holder With Negative Brush)	9	191-1947	1	Cap, Starter Solenoid
				10	750-1006	1	Nut, Hex - Metric (M8)

Starter Components (191-1828)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	191-1048	2	Bolt, Hex Head
2	870-0438	2	Retainer, Bolt
3	191-1532	1	Cap Assembly, End (Includes Cap, Brushholder, Springs, Brushes, Terminal Hardware)
4	191-1359	1	Cover Assembly (Includes Dust Cover, Spring, Spacer, Nut and Washer)

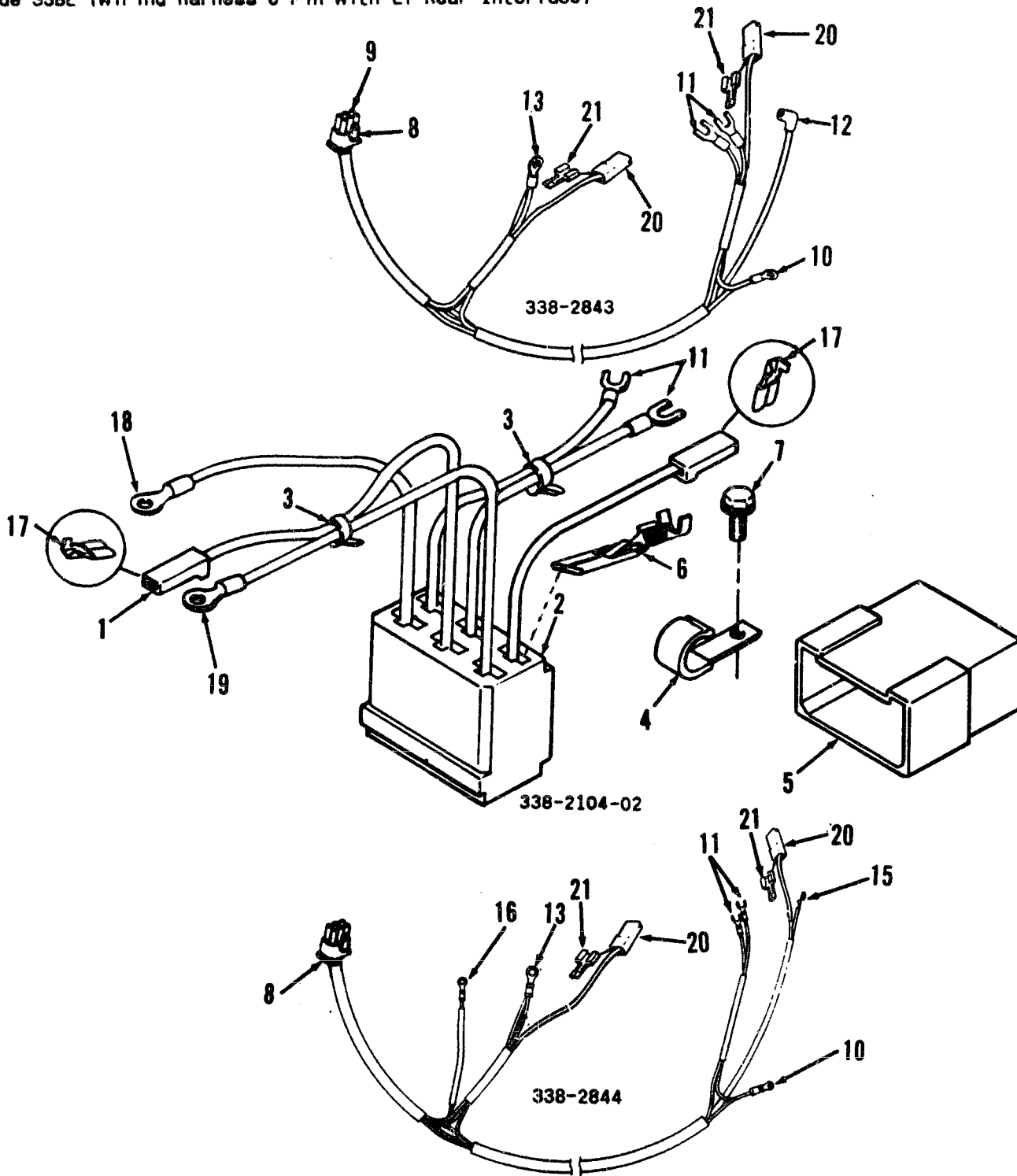
NOTE: Onan Part Number Stamped on the Starter Nameplate for Identification.

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
5	191-1156	1	Gear, Drive
6	191-1671	1	Cap Plate, End - Front
7	191-1038	1	Washer, Thrust
8	191-1841	1	Kit, Repair (Includes Brush with Stud, Springs and Brushes)
9	191-1534	1	Seal, Dust

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

Wiring Harness

Code 35BC (Wiring Harness-6 Pin With Mating Connector)
 Code 35BE (Wiring Harness-6 Pin With LT Rear Interface)



Wiring Harness

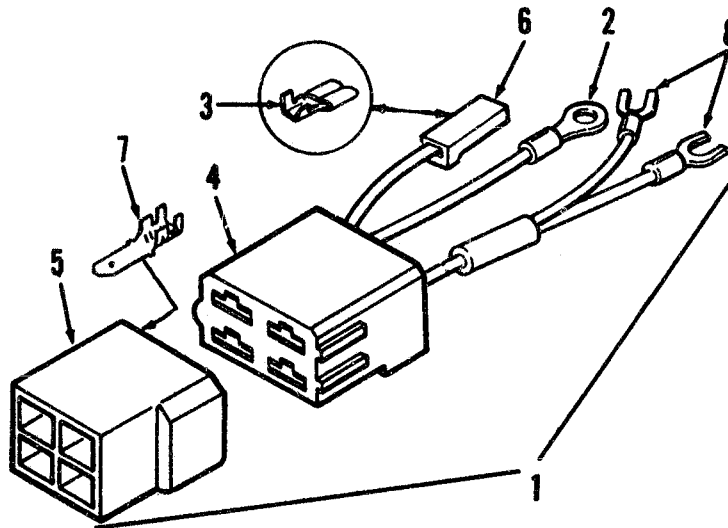
5620-0132
5620-0386
5620-0366-01

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Harness, Wiring - Engine	8	323-1317	1	Plug, Connector - 6 Place
	338-2104-02	1	Units With Pressure	9	323-1200	5	Socket, Contact
			Switch (6 Leads) Code 35BC	10	332-1120	1	Terminal, Ring (#8)
	338-2843	1	6 Pin Harness With Rear	11	332-2973	2	Terminal, Spring Spade (#8)
			Interface - Code 35BE -	12	332-2572	3	Terminal, Receptacle
			Begin Spec C	13	332-2944	1	Terminal, Ring
	338-2844	1	6 Pin/Rear Interface -	14	332-1993	1	Terminal, Receptacle
			Code 35BE	15	332-2971	1	Terminal, Receptacle
1	332-0819	2	Housing, Receptacle	16	332-0806	1	Terminal, Ring
2	323-1386	1	Housing, Receptacle - 6 Wav	17	332-2715	2	Terminal, Receptacle
3	332-1567	2	Tie, Cable	18	332-0806	1	Terminal, Ring (#8)
4	518-0515	1	Clamp, Cable (1/2" Dia.)	19	332-1048	1	Terminal, Ring (3/8")
5	323-0916	1	Housing, Connector - Tab	20	323-1216	2	Housing, Receptacle
6	332-2890	6	Tab, Faston	21	332-2870-01	2	Terminal, Receptacle
7	815-0474	1	Screw, Hex Washer Head (1/4-14 x 1/2")				

Wiring Harness (4 Leads)

Code 35BB (4-Pin Harness With Mating Connector)
Code 35BD (4-Pin Harness-Extended 10")
Code 35BH (4-Pin Harness)

5620-0122
5620-0132

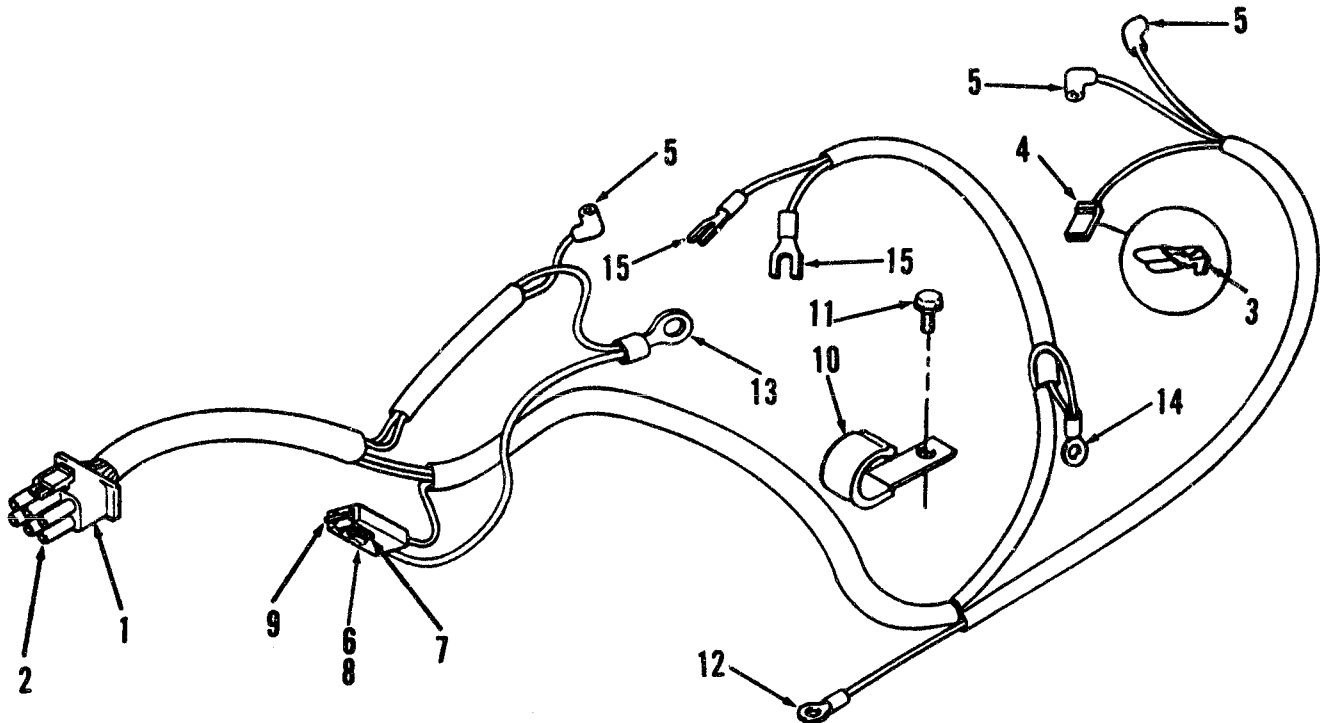


REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	338-2075	1	Harness, Wiring - Engine	4	323-1381	1	Housing, Receptacle - 4 Way
	338-2162	1	4 Wire, 4 Pin Connector - Code 35BB, 35BD, 35BH	5	323-1382	1	Housing, Tab - 4 Way
2	332-0806	1	4 Wire, 4 Pin Connector - Code 35BD	6	332-0819	1	Housing, Receptacle
3	332-2715	1	Terminal, Ring (#8)	7	332-2301	4	Terminal, Tab
			Terminal, Receptacle (.250)		332-1503	1	20 Ampere Charging System
				8	332-1303	2	35 Ampere Charging System
							Terminal, Spade (#10) Code 35BD

Wiring Harness Engine

Code 35BE (Wiring Harness-6 Pin - Rear Interface)

5620-0132-03



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	338-2216	1	Harness, Wiring - Engine	8	332-2922	2	Terminal, Receptacle
			6 Pin / 30 Ampere Fuse	9	321-0291	1	Fuse, 30 Ampere
1	323-1317	1	Plug, Connector - 6 Place	10	518-0515	1	Clamp, Cable (1/2" Dia.)
2	323-1200	5	Socket, Contact	11	815-0474	1	Screw, Hex Washer Head (1/4-14 x 1/2")
3	332-2715	1	Terminal, Receptacle (.250)	12	332-1194	1	Terminal, Ring (5/16")
4	332-0819	1	Housing, Receptacle	13	332-2944	1	Terminal, Ring (.32)
5	332-2572	3	Terminal, Receptacle	14	332-1120	1	Terminal, Ring (#8)
6	323-1424	1	Cap, Connector	15	332-2973	2	Terminal, Spring Spade (#8)
7	332-2923	1	Clip, Connector				

Labels, Paint, Thread Sealant and Gasket Kits

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
98-6163-01		3	Label, Performer - P216 (Red and White)	110-3181		2	†Gasket, Cylinder Head
98-6163-02		3	Label, Performer - P216 (XSL*) (Red and White)	154-2495		2	†Gasket, Intake Manifold
98-6164-01		3	Label, Performer - P218 (Red and White)	509-0210		2	†Seal, Valve Stem
98-6164-02		3	Label, Performer - P218 (XSL*) (Red and White)	168-0187		1	Kit, Gasket - Engine Complete (Includes Parts Marked *)
98-6165-02		3	Label, Performer - P220 (XSL*) (Red and White)	101-0782		1	*Gasket, Rear Bearing Plate
			Label, Periodic - Maintenance	102-0743		1	*Gasket, Oil Drain
98-5969-01		1	Standard Oil Base - No Oil Filter	103-0810		1	*Gasket, Gearcase
98-5969-02		1	Standard Oil Base - With Oil Filter	110-3709		3	*Gasket, Valve Box
98-5969-03		1	High Capacity Oil Base - With Oil Filter	110-3181		2	*Gasket, Cylinder Head
518-0452		1	Sealant, Thread (50cc Bottle)	120-0161		1	*Gasket Kit, Oil Pump
518-0347		1	Loctite, Bottle (250cc)	122-0771		1	*Gasket, Oil Filter Adapter
525-0394		1	Paint, Enamel - Touch-Up - Flat Black - 16 Ounce Pressurized Can	154-0733		1	*Gasket, Adapter to Carburetor
168-0189		1	Kit, Gasket - Carbon Removal (Includes Parts Marked †)	154-2495		2	*Gasket, Intake Manifold
110-3709		3	†Gasket, Valve Box	160-1368		1	*Gasket, Breaker Box
				509-0008		1	*Seal, Oil (Governor Shaft)
				509-0040		1	*Seal, Oil (Gearcase)
				509-0041		1	*Seal, Oil (Bearing Plate)
				509-0142		1	*O-Ring (Oil Fill Cap)
				509-0210		2	*Seal, Valve Stem
				102-1387		1	*Gasket, Oil Base
				509-0145		1	*O-Ring - Air Cleaner to Carburetor
				509-0269		1	*Seal, Oil Fill Tube

* - Extended Service Life

† - Parts Included in 168-0189 Gasket Kit.

* - Parts Included in 168-0187 Gasket Kit.

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518-0004	24	800-0033	24	865-0029	23		
518-0004	25	800-0033	25	870-0131	31		
518-0004	31	800-0051	7	870-0131	35		
518-0014	11	800-0061	13	870-0302	7		
518-0311	9	800-0193	25	870-0365	23		
518-0347	40	800-0200	13	870-0399	23		
518-0406	19	800-0571	7	870-0410	14		
518-0406	24	800-0595	32	870-0438	34		
518-0406	25	801-0049	9				
518-0406	31	803-0071	7				
518-0452	40	809-0035	9				
518-0515	20	815-0046	19				
518-0515	24	815-0172	19				
518-0515	31	815-0178	23				
518-0515	37	815-0181	31				
518-0515	39	815-0194	15				
520-0820	9	815-0261	31				
520-0933	19	815-0290	31				
525-0394	40	815-0293	29				
526-0017	12	815-0337	31				
526-0018	7	815-0340	13				
526-0018	25	815-0340	19				
526-0018	29	815-0359	21				
526-0018	31	815-0463	23				
526-0021	31	815-0470	23				
526-0063	7	815-0474	24				
526-0065	15	815-0474	31				
526-0065	19	815-0474	37				
526-0066	9	815-0474	39				
526-0113	24	815-0555	17				
526-0122	7	815-0575	23				
526-0122	32	815-0575	31				
526-0234	23	815-0576	14				
526-0251	7	815-0650	20				
526-0251	13	815-0687	12				
526-0356	12	815-0721	31				
526-0397	25	821-0004	21				
541-0275	24	821-0008	19				
740-1004	7	821-0008	31				
740-1004	20	821-0010	31				