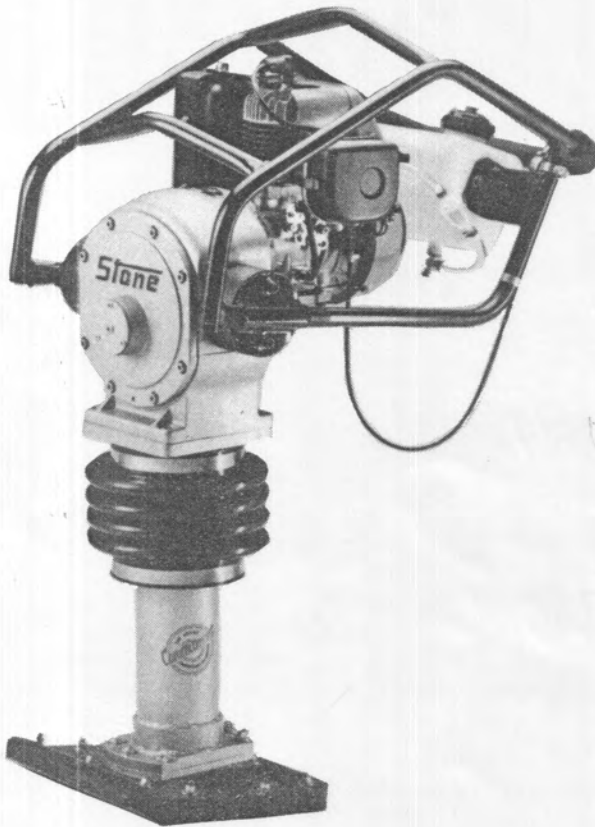


OPERATOR/SERVICE MANUAL

**MODELS: SMR3011, SMR3211,
SMR3211HA, SMR3311**



STOMPER®

Stone Construction Equipment, Inc.
P.O. Box 150, Honeoye, New York 14471
Phone: (800) 888-9926
Fax: 716-229-2363

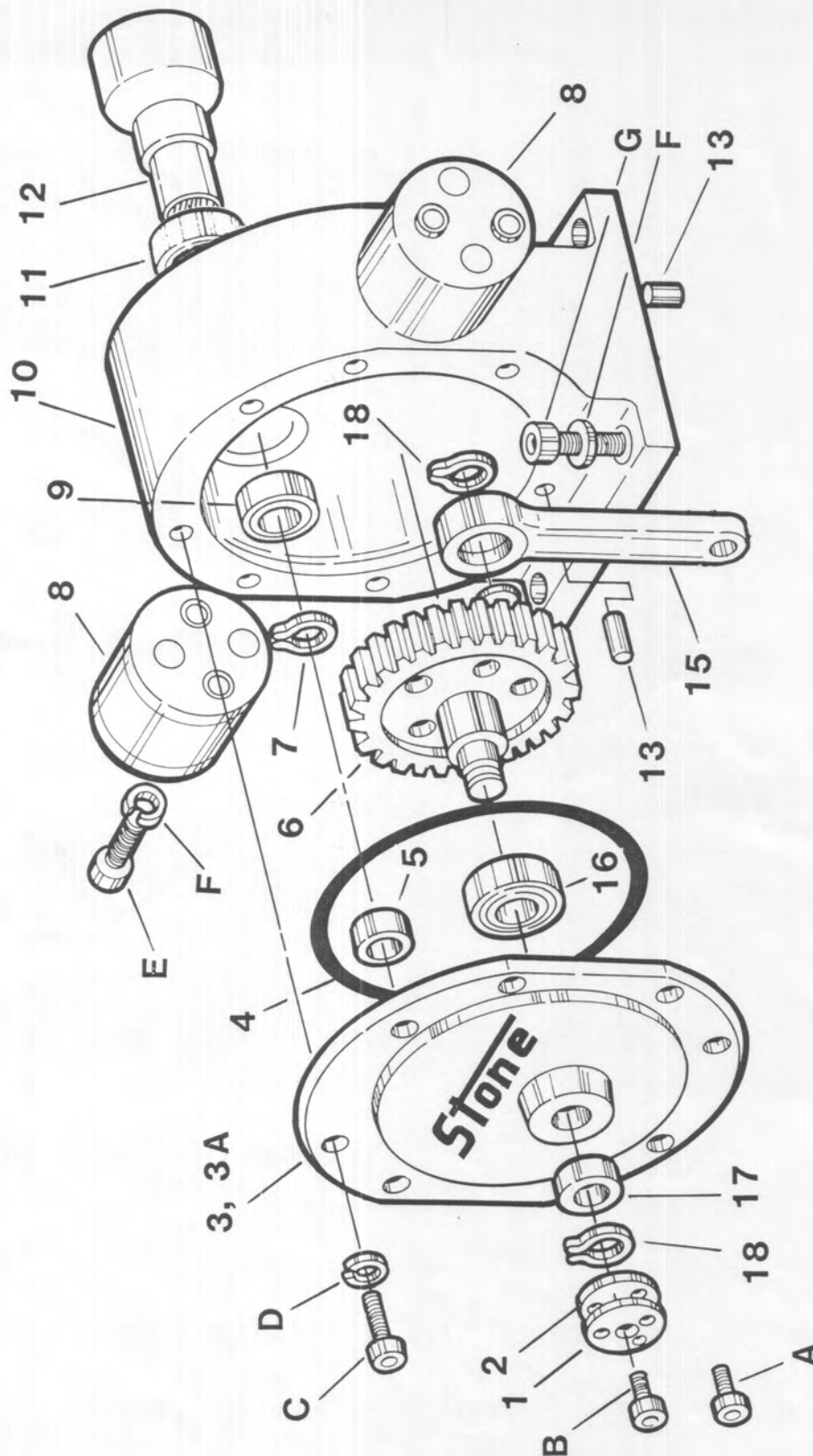
A 100% employee-owned American manufacturer

SPECIFICATIONS

Models	SMR3011, SMR3211, SMR3211HA, SMR3311
Engine	Robin EC10D or U.S. Marine 58037
Operating Weight	154 lbs./158 lbs.
Shoe Size	13"W x 11"L
Fuel Capacity	3 Quarts
Fuel Mixture	24:1 Gas: 2 cycle oil
Oil Capacity	3 Pints
Oil Type	SAE 30 motor oil
Idle Speed	1500 RPM (approx.)
Run Speed (Robin)	4500 RPM (approx.)
Run Speed (U.S. Marine)	5900 RPM (approx.)
Impact Number	660 Impacts/Min (approx.)
CIMA* Rated Impact Force	3000 lbs./3200 lbs./3300 lbs.
Fuel Consumption	1.2 Quarts/hr.
Spark Plug (Sachs)	Champion L-82 or Equivalent
Spark Plug (Robin)	NGK B4 or Equivalent
Spark Plug (U.S. Marine)	Autolite B-45 or Equivalent
Spark Plug Gap (Robin)	.024 inches
Spark Plug Gap (U.S. Marine)	.040 inches

* Construction Industry Manufacturers Association - LEMB Standard 1

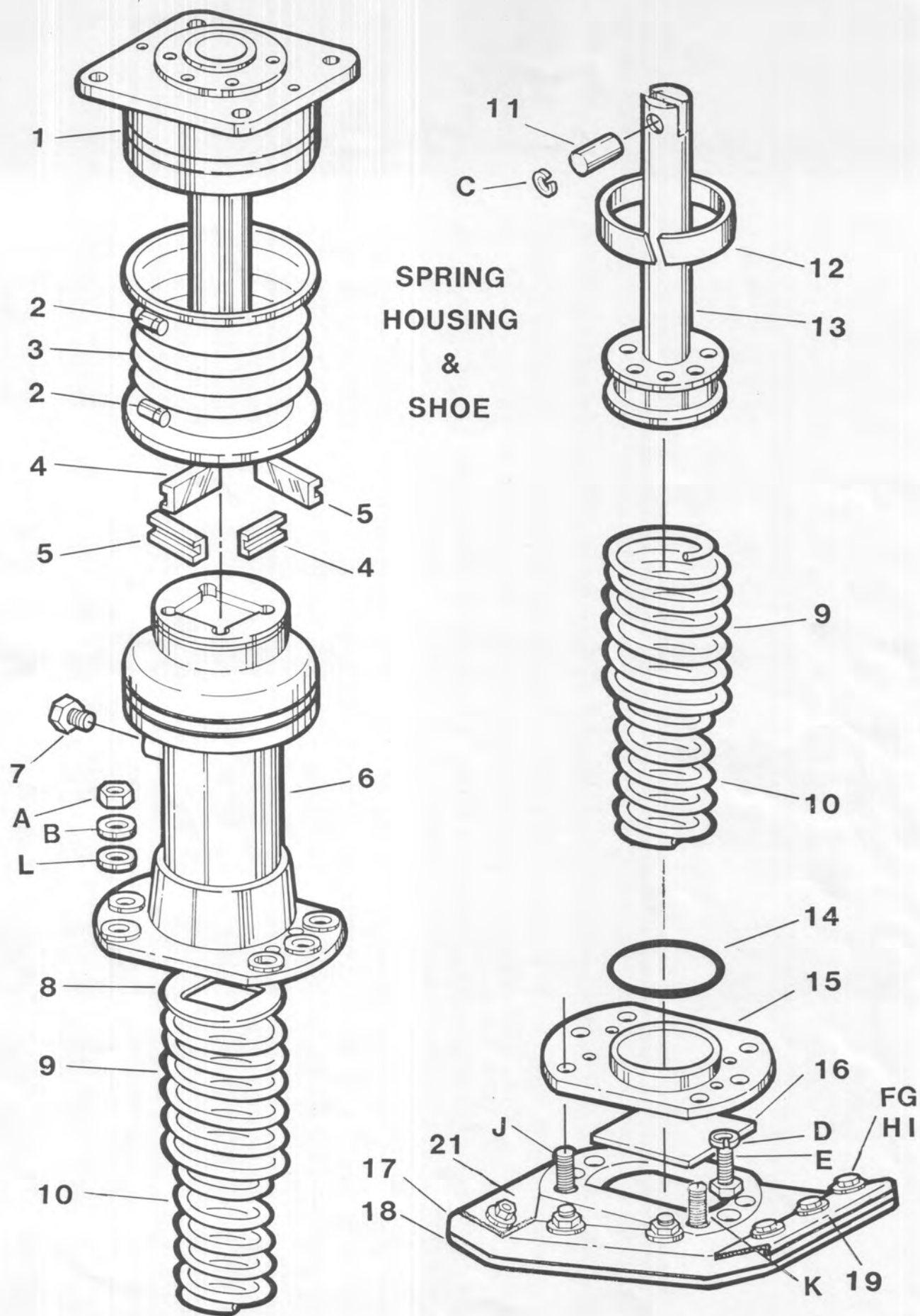
GEARCASE



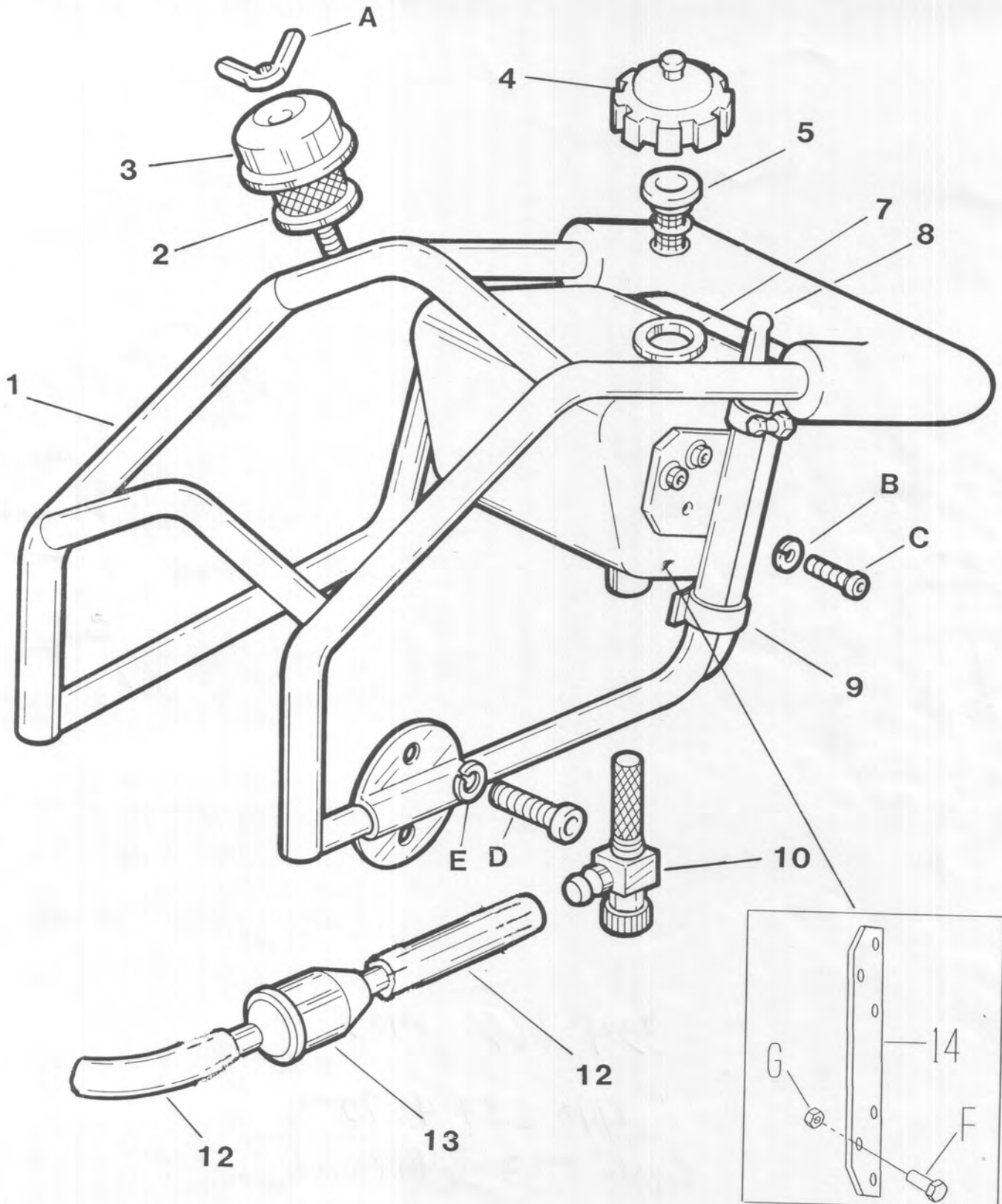
GEARCASE

ITEM	PART NO.	DESCRIPTION	QUANTITY	
			ROBIN (3211,3311)	US MARINE (3011)
1	28707-2	Cap Speed Cover	1	1
2	30189	Gasket	1	1
3	28660-2	Cover	1	1
3A	22817-2	Gearcase Cover Assy (includes 3, 5, 16 & 17)	1	1
4	32216	O-Ring 8ID	1	1
5	32023	Bearing - 204	1	1
6	28801	Gear 72 TH	-	1
	42638	Gear 70 TH	1	-
7	30192	Retaining Ring	1	1
8	47203	Shock Mount	2	2
9	32213	Bearing - 206	1	1
10	28686-2	Case	1	1
11	30193	Seal	1	1
12	28790	Pinion Assy 8T	-	1
	28672	Pinion Assy 10T	1	-
13	80002	1/4 Dowel Pin	3	3
15	28658	Connecting Rod Assy	1	1
16	32214	Bearing - 307	1	1
17	32212	Bearing - 205	1	1
18	30191	Retaining Ring	2	2

ITEM	PART NO.	DESCRIPTION	QTY.	TORQUE (LB.FT.)
A	80449	SHCS # 10-24 x 5/8 BLK	3	8
B	80430	BHSCS 5/16 - 18 x 3/8 ZN	1	14
C	80050	SHCS 5/16 - 18 x 3/4 BLK	8	21
D	80086	WSHRL 5/16 Med Split ZN	8	-
E	80438	SHCS 3/8-16 x 2 BLK	4	30
F	80058	WSHRL 3/8 Med Split ZN	8	-
G	80101	SHCS 3/8-16 x 1-1/4 BLK	4	30



HANDLE & FUEL TANK



SPRING HOUSING AND SHOE

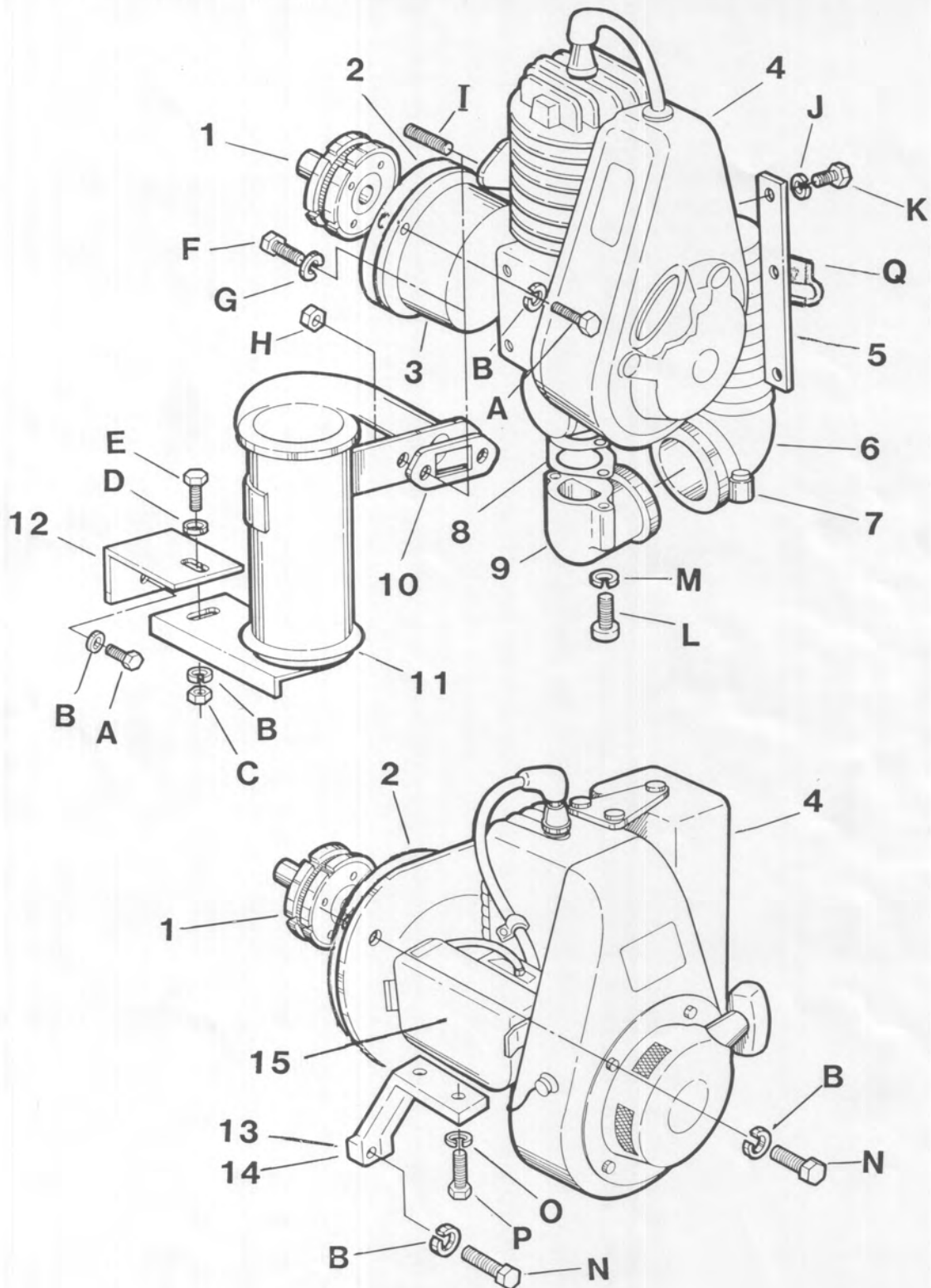
ITEM	PART NO.	DESCRIPTION	QUANTITY		
			US MARINE 3011	ROBIN 3211	ROBIN 3311
1	28687	Guide Tube	1	1	1
2	44106	Boot Clamp	2	2	2
3	47204	Boot	1	1	1
4	27938	Spring Hsg. Bushing-Short	2	2	2
5	27939	Spring Hsg. Bushing-Long	2	2	2
6	28695-2	Spring Housing	1	1	1
7	34096	Oil Sight Gage	1	1	1*
8	42318	Spacer, Bearing To Spring	1	1	1
9	42661	Spring, Outer	2	2	2
10	42662	Spring, Inner	2	2	2
11	80423	Rod Pin	1	1	1
12	28694	Piston Ring	1	1	1
13	28701	Piston Rod Assembly	1	1	1
14	32033	O-Ring	1	1	1
15	28653	Base Plate	1	1	1
16	55026	Spring Hsg. Safety Decal	1	1	1
17	47302	Shoe	1	1	1
18	42316	Shoe Plate	1	1	1
19	29215-2	Shoe Edge Guard	1	1	1
21	42353-2	Stiffener Rear Shoe	1	1	1
**	22568	Lower Assembly SMR3011	1	-	-
**	22587	Lower Assembly SMR3211	-	1	1
**	22757	Shoe Kit			
		(includes 17, 18, 19, 21 and hardware)			

ITEM	PART NO.	DESCRIPTION	QTY	TORQUE (LB.FT.)
A	80056	NUTNY 3/8-16 ZN	6	23
B	80043	WSHR 3/8 Wrot ZN	6	-
C	80519	Internal Retaining Ring	1	-
D	80058	WSHRL 3/8 Med Split ZN	4	-
E	80047	SHCS 3/8-16 x 1 BLK	4	40
F	80348	WSHR 5/16 ZN	10	-
G	80281	FHSCS 5/16-18 x 2 BLK	10	-
H	80245	NUTFX 5/16-18 ZN	10	10
I	80086	WSHRL 5/16 Med Split ZN	10	-
J	80513	PLWBLT 3/8-16 x 4-1/2 ZN	3	-
K	80514	PLWBLT 3/8-16 x 3-1/2 ZN	3	-
L	42674	WSHR 3/8 x 1ID x 3/16 ZN	6	-

* Use of a socket wrench is recommended to avoid damage to the sight gauge.

** Not Shown.

ENGINE



ITEM	PART NO.	DESCRIPTION	QUANTITY		
			ROBIN 3211,3311	ROBIN 3211HA	US MARINE 3011
1	28794	Ram Clutch	1	1	-
	28793	Ram Clutch	-	-	1
2	30187	Gasket	1	1	1
3	28670	US Marine Adaptor	-	-	1
4	30150	Robin Engine	1	1	-
	22818	Engine Assy EC10D High Altitude	-	1	-
	30030	US Marine Engine	-	-	1
5	28789	Throttle Bracket	-	-	1
6	47173	Air Hose	-	-	1
7	35219	Hose Clamp	-	-	2
8	35227	Elbow Gasket	-	-	1
9	35220	Elbow	-	-	1
10	34095	Muffler Gasket	-	-	1
11	28914-2	Muffler	-	-	1
12	28912-2	Muffler Bracket	-	-	1
13	28833	Engine Support Left	1	1	-
14	28832	Engine Support Right	1	1	-
15	35158	Element Air Filter	1	-	-
	30295	Element Air Filter	-	1	-

ITEM	PART NO.	DESCRIPTION	QUANTITY			TORQUE (LB.FT.)
			ROBIN 3211, 3311	ROBIN 3211HA	US MARINE 3011	
A	80101	SHCS 3/8-16 X 1-1/4 BLK	-	-	5	40
B	80058	WSHRL 3/8 Med Split ZN	6	6	6	-
C	80042	NUTFX 3/8-16 ZN	-	-	1	40
D	80342	WSHR 3/8 ZN	-	-	1	-
E	80102	HHCS 3/8-16 X 1	-	-	1	40
F	80439	SHCS 5/16-18 X 1 BLK	-	-	4	21
H	80518	NUTFL 1/4-20 ZN	-	-	2	21
I	80516	STUD 1/4-20 X 7/8 ZN	-	-	2	-
J	80116	WSHRL 1/4 Med Split ZN	-	-	2	-
K	80273	SHCS 1/4-20 X 3/4 BLK	-	-	2	10
L	80109	SHCS # 10 -32 X 3/4 BLK	-	-	2	3
M	80065	WSHRL # 10 Med Split ZN	-	-	2	-
N	80088	HHCS 3/8-16 X 1-1/4	6	6	-	40
O	80086	WSHRL 5/16 Med Split ZN	4	4	4	-
P	80406	HHCS M8-1.25 X 30 ZN	4	4	-	21
Q	80000	THROTTLE CLIP ZN	-	-	1	-

HANDLE AND FUEL TANK

ITEM	PART NO.	DESCRIPTION	QUANTITY		US MARINE
			ROBIN 3211, 3311	ROBIN 3211HA	
1	28788-2	Handle Assy	-	-	1
	28764-2	Handle Assy	1	1	-
2	35226	Air Filter	-	-	1
3	28902	Filter Cap	-	-	1
4	35701	Gas Cap	1	1	1
5	47219	Strainer	1	1	1
7	22458	Fuel Tank Assu	1	1	1
8	22325	Throttle Assy	-	-	1
	22514	Throttle Assy	1	1	-
	38124	Throttle Cable Only	1	1	-
	22257	Throttle Cable Only	-	-	1
9	34091	Cable Clamp	1	1	1
10	46009	Pet Cock	1	1	1
12	28799	Gas Line	2	2	2
13	35486	Gas Filter - fuel	1	1	1
14	29602	Bracket Tank Ext.	2	-	-

ITEMS	PART NO.	DESCRIPTION	QUANTITY		TORQUE (LB.FT.)
			ROBIN 3211, 3311	ROBIN 3211HA	
A	80542	WNGNUT 1/4 - 20 ZN	-	-	1
B	80086	WSHRL 5/16 Med Split ZN	6	6	6
C	80050	SHCS 5/16 - 18 x 3/4 BLK	6	6	6
D	80047	SHCS 3/8 - 16 x 1 BLK	4	4	4
E	80058	WSHRL 3/8 Med Split ZN	4	4	4
F	80161	HHCS 5/16-18 X 1 ZN	-	6	-
G	80114	NUTNY 5/16-18 ZN	-	6	-

Throttle Assy 22325 includes -
 cable (1) 22257
 casing nut (2) 35335
 lever (1) 35431
 Tubing flt (1) 47003