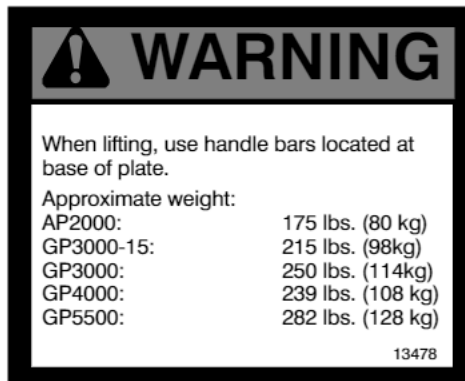


Operator's Safety and Service Manual GP4000 GP5500

**It is the OWNER'S RESPONSIBILITY to communicate information on the
SAFE USE and OPERATION of this machine to the operators!**



SAFETY DECAL LOCATIONS



#13478, ON EXCITER HOUSING



#09311, EXCITER HOUSING



#13484, ON BELTGUARD



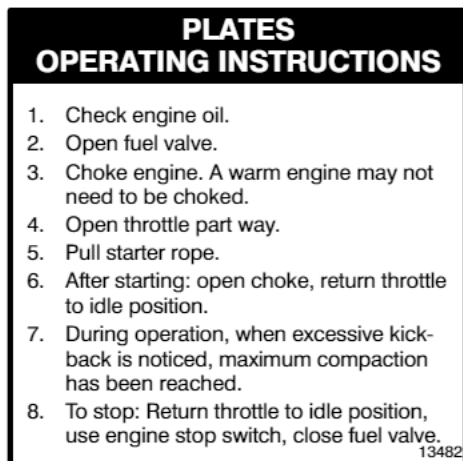
#12878, ON EXCITER HOUSING



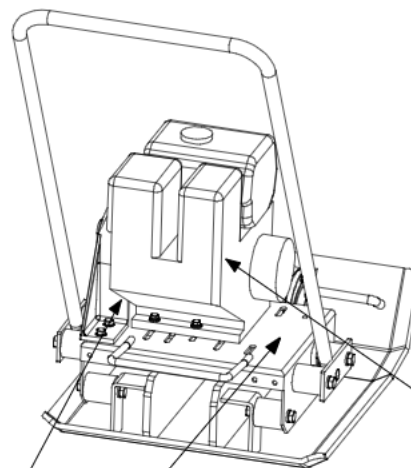
#01064, ON BELTGUARD



#13483, ON BELTGUARD

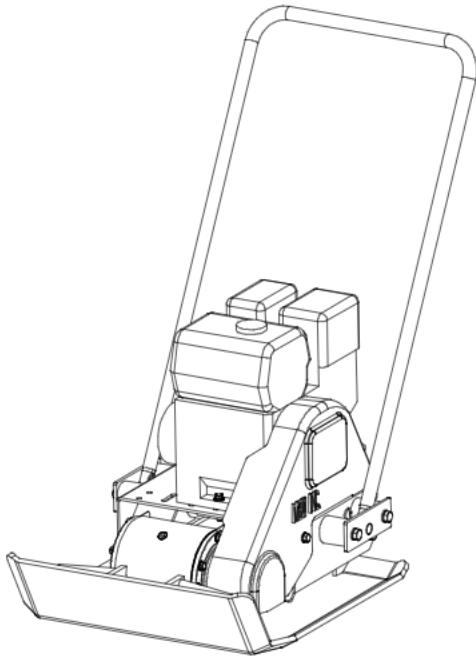


#13482, ON BELTGUARD GP5500,
ON DECK GP4000

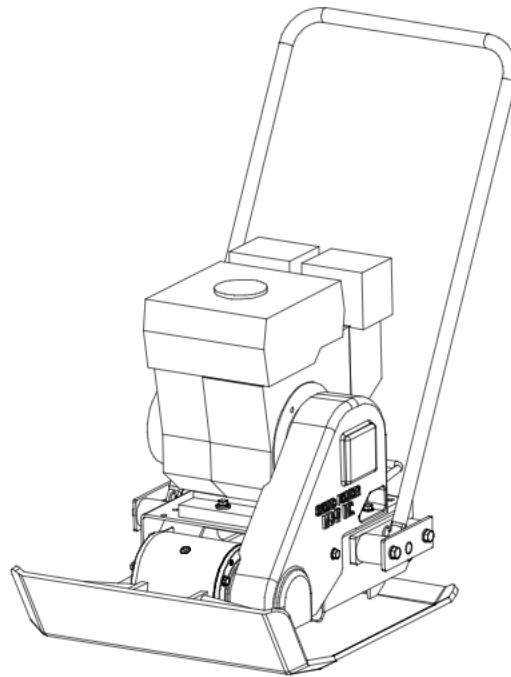


#01069, ON THROTTLE LEVER

SPECIFICATIONS



GP4000



GP5500

	UNITS	GP4000H	GP5500H	GP5500R	GP5500Y
Operating Weight	lbs (kg)	224 (102)	275 (125)	273 (124)	287 (130)
Plate Size — W x L	in (cm)	21 X 25 (53 X 64)	23 X 24 (58 X 61)	23 X 24 (58 X 61)	23 X 24 (58 X 61)
Compaction Force	lb (kg)	4200 (1905)	5800 (2610)	5800 (2610)	5800 (2610)
Exciter Speed	vpm	4700	4700	4700	4700
Compaction Depth	in (cm)	18 (47)	20 (51)	20 (51)	20 (51)
Travel Speed (Fwd, Rev)	ft/min (m/min)	130 (38)	130 (38)	130 (38)	130 (38)
Operating Noise Level ¹	dBA @ operator's ear	90 ² –98 ³	90 ² –98 ³	90 ² –98 ³	90 ² –98 ³
Compaction Area	sqft/h (sqm/h)	13650 (1268)	14950 (1450)	14950 (1450)	14950 (1450)
Normal Operating Engine Speed ⁴	rpm	3400	3400	3400	3400
Engine Idling Speed ⁵	rpm	1200	1200	1200	1200
Engine Model		Honda GX160	Honda GX270	Robin EX27	Yanmar Diesel L60E–D
Power Rating @ Normal Operating Speed	hp (kW)	5.5 (4.1)	8 (6)	8 (6)	6 (4.5)

1. Noise levels are based on operating conditions. Background noise will increase noise levels.
2. Unit operating on loose gravel surface material.
3. Unit operating on highly compacted coarse gravel surface material. Hearing protection is recommended and may be required by law. It is the users responsibility to assess the noise level at the operation site and determine whether hearing protection is required.
4. Normal motor operating speed is factory preset. If this needs adjustment contact your nearest MBW Sales Branch, or MBW Inc.
5. Motor idle speed is factory preset and adjustment should not be required. If the unit needs adjustment refer to the engine owner's manual.

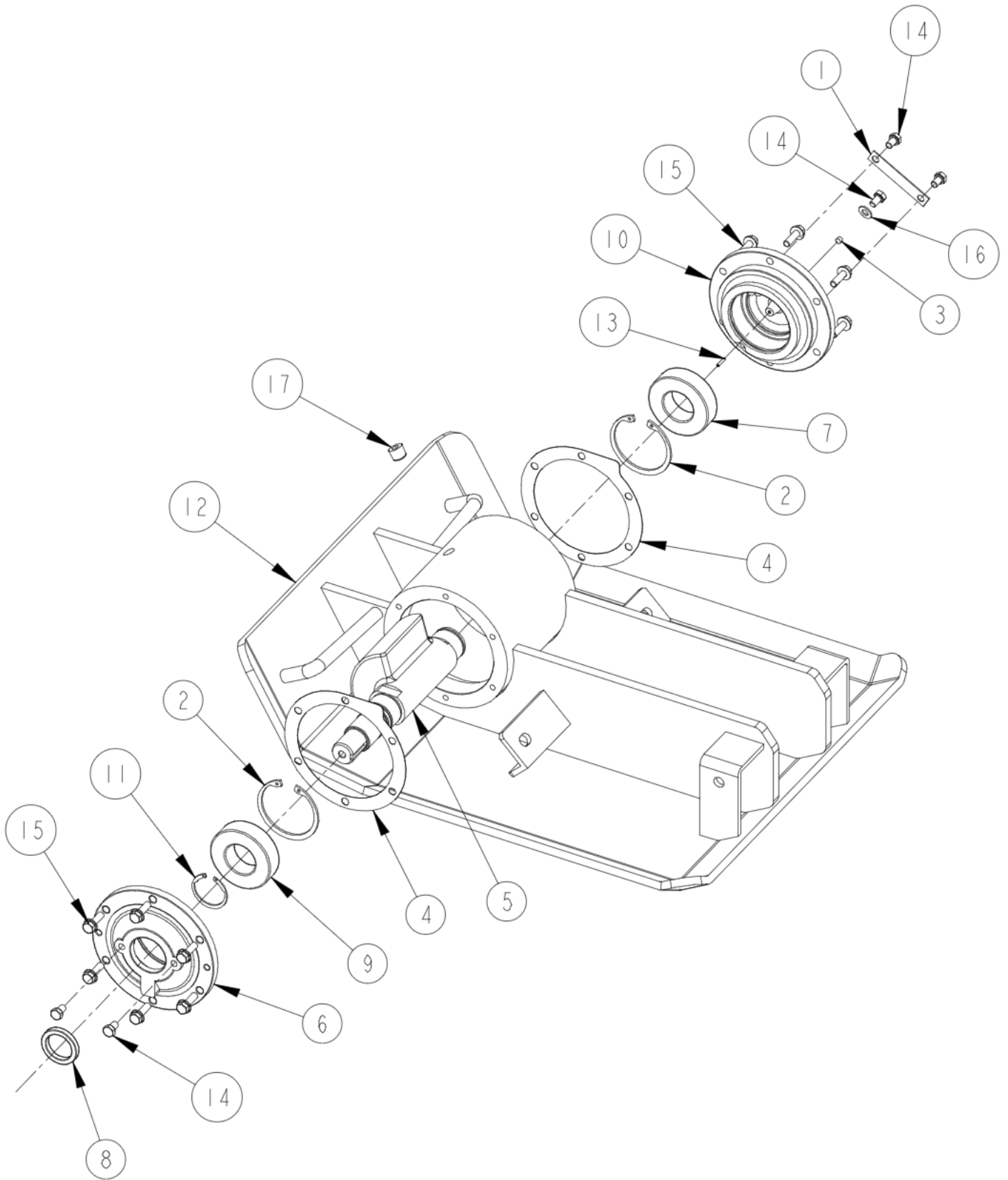


FIGURE 2: EXCITER ASSEMBLY

EXCITER ASSEMBLY

ITEM NO	PART NO	DESCRIPTION	QTY
1.	00066	FILTER RETAINER	1
2.	01000	INTERNAL RETAINING RING	2
3.	01072	FILTER	1
4.	06098	GASKET	2
5.	07446	EXCITER SHAFT (GP5500)	1
	12822	EXCITER SHAFT (GP4000)	1
6.	07455	FRONT COVER	1
7.	07456	CYLINDRICAL ROLLER BEARING	1
8.	07457	OIL SEAL	1
9.	07458	SPHERICAL ROLLER BEARING	1
10.	07460	REAR COVER	1
11.	07469	EXTERNAL RETAINING RING	2
12.	13856	EXCITER HOUSING (GP4000)	1
	13857	EXCITER HOUSING (GP5500)	1
13.	F0205SP	SPIROL PIN, 1/8" x 5/8"	1
14.	F051804HCS	HEX HEAD CAP SCREW, 5/16–18 x 1/2"	5
15.	F051808FWS	FLANGE WHIZ–LOCK SCREW, 5/16–18 x 1"	12
16.	F05BFW	BRASS FLAT WASHER, 5/16"	1
17.	F0618SPP	SOCKET PIPE PLUG, 3/8–18	1
18.			
19.			
20.			
21.			
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31.			
32.			

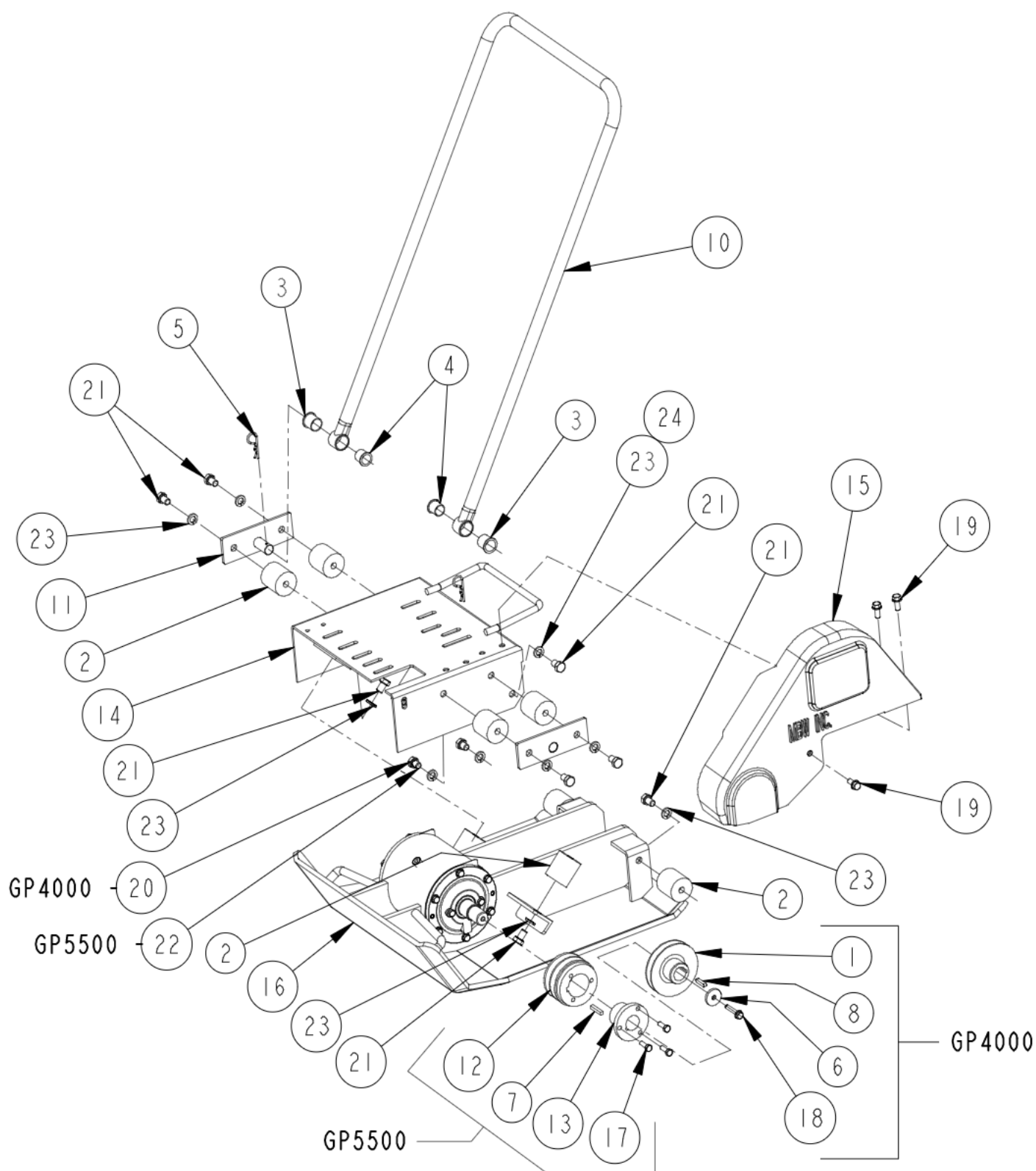


FIGURE 3: PLATE ASSEMBLY

PLATE ASSEMBLY

ITEM NO	PART NO	DESCRIPTION	QTY
1.*	00003	EXCITER PULLEY	1
2.	01011	SHOCKMOUNT	8
3.	01018	OUTER NYLON BUSHING	2
4.	01019	INNER NYLON BUSHING	2
5.	01056	HAIRPIN	2
6.*	01099	WASHER	1
7.**	01161	KEY, 1/4" x 1/4" x 1-1/2"	1
8.*	01283	KEY, 1/4" x 1/4" x 1-1/4"	1
9.**	02715	HANDLE SPACER (NOT SHOWN BETWEEN DECK AND SHOCKMOUNTS)	2
10.	02717	HANDLE ASSEMBLY (Includes items 3 & 4)	1
11.	06921	HANDLE BRACKET	2
12.**	07452	TWO GROOVE SHEAVE	1
13.**	07453	SPLIT TAPER BUSHING	1
14.	12637	ENGINE DECK	1
15.	12832	BELTGUARD (GP4000)	1
	12879	BELTGUARD (GP5500)	1
16.	13861	EXCITER & PLATE ASSEMBLY (GP4000)	1
	13862	EXCITER & PLATE ASSEMBLY (GP5500)	1
17.**	F051808HCS	HEX HEAD CAP SCREW, 5/16–18 x 1"	3
18.*	F051814FWS	FLANGE WHIZ–LOCK SCREW, 5/16–18 x 1-3/4"	1
19.	F061607FWS	FLANGE WHIZ–LOCK SCREW, 3/8–16 x 7/8"	3
20.	F081305HCS	HEX HEAD CAP SCREW, 1/2–13 x 5/8"	2
21.	F081306HCS	HEX HEAD CAP SCREW, 1/2–13 x 3/4"	14
22.**	F081310HCS	HEX HEAD CAP SCREW, 1/2–13 x 1-1/4"	4
23.	F08LW	LOCKWASHER, 1/2"	16
24.	F08PW	PLAIN WASHER, 1/2"	2
25.			
26.			
27.			
28.			
29.			
30.			

* PARTS USED ON GP4000 ONLY

** PARTS USED ON GP5500 ONLY

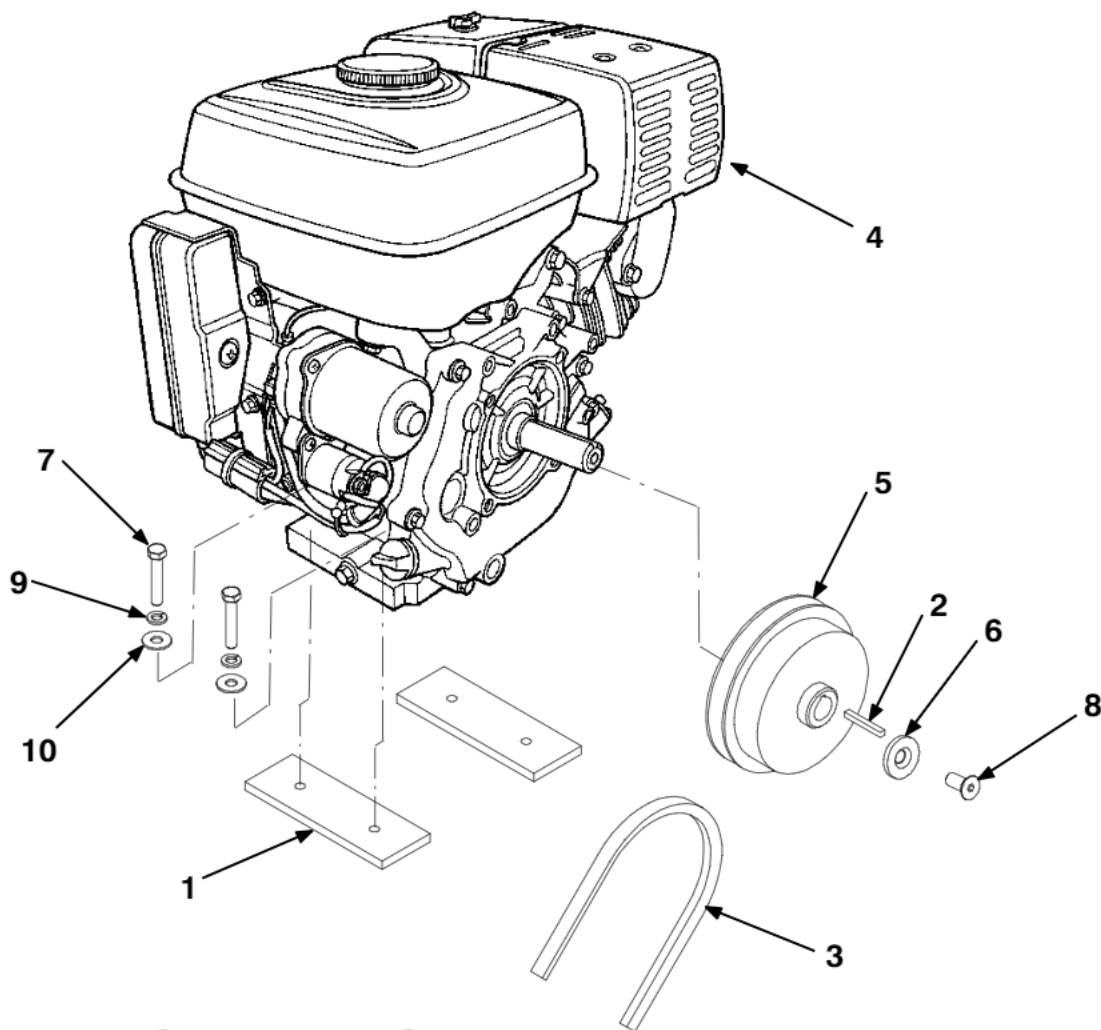


FIGURE 4: HONDA ENGINE

HONDA ENGINE ASSEMBLY – GP4000

ITEM NO	PART NO	DESCRIPTION	QTY
1.	00031	MOUNTING BAR	2
2.	00032	KEY, 3/16" SQUARE x 1-5/8" LONG	1
3.	01182	V-BELT, A-34	1
4.	01444	ENGINE, HONDA GX160 5.5 hp	1
5.	16105	CENTRIFUGAL CLUTCH (S/N 1151054 and above)	1
	05999	CENTRIFUGAL CLUTCH (S/N 1151053 and below)	
6.	14993	COUNTERSINK WASHER	1
7.	F051814HCS	HEX HEAD CAP SCREW, 5/16–18 x 1-3/4" LONG	4
8.	F052408FSS	FLAT HEAD SET SCREW, 5/16–24 x 1" LONG	1
9.	F05LW	LOCKWASHER, 5/16"	4
10.	F05SW	PLAIN WASHER, 5/16"	4

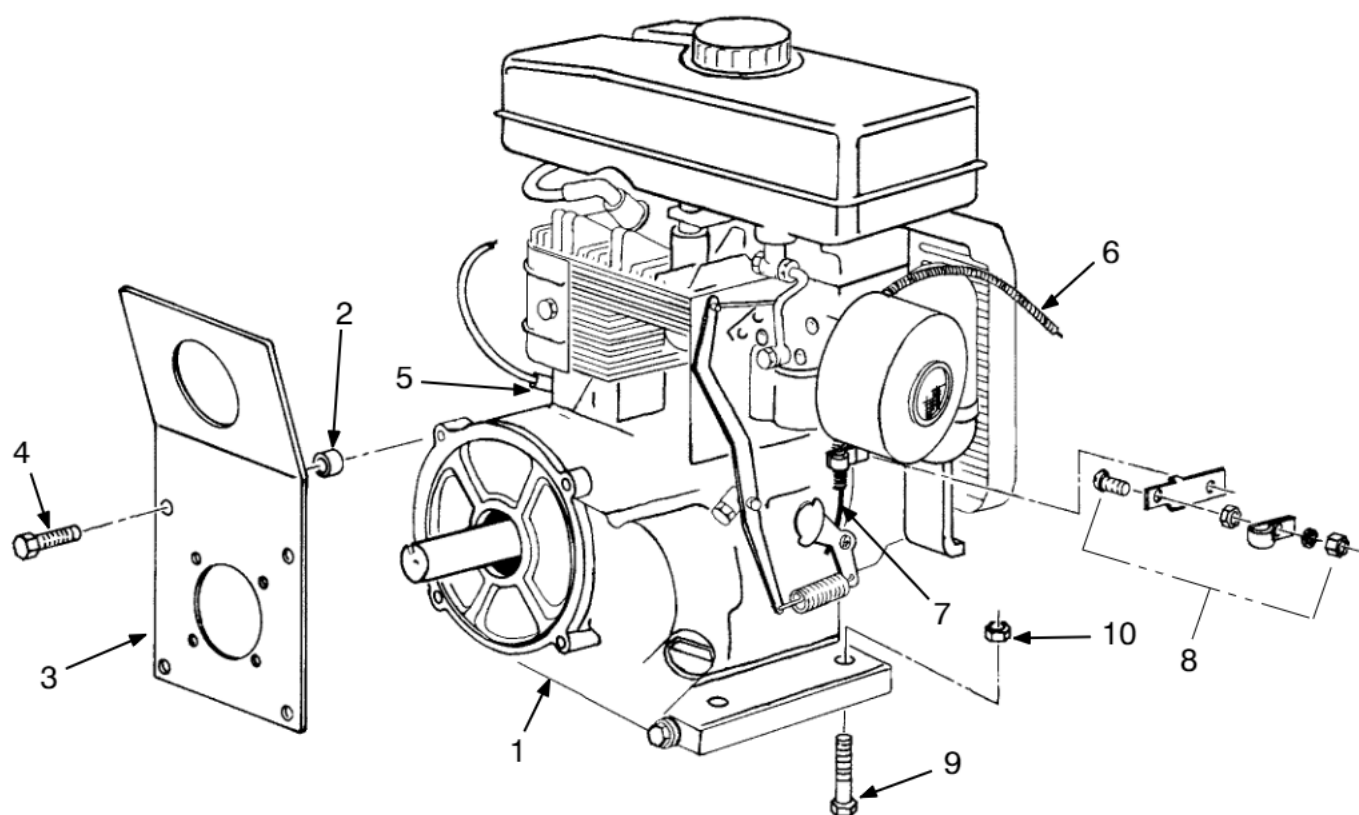


FIGURE 5: ROBIN EX27 ENGINE

ROBIN ENGINE ASSEMBLY – GP5500

ITEM NO	PART NO	DESCRIPTION	QTY
1.	17440	ENGINE, ROBIN EX27 9 HP	1
2.	05909	SPACER	4
3.	06469	SKYHOOK	1
4.	F061608FWS	FLANGE WHIZ-LOCK SCREW, 3/8-16 X 1"	4
5.	07932	TERMINAL, PIN STYLE FEMALE	1
6.	07877	CASING, LINED THROTTLE WIRE	1
7.	07662	WIRE, THROTTLE	1
8.	06361	KIT, CABLE CLAMP	1
9.	F061614HCS	HEX HEAD CAP SCREW, 3/8-16 X 1-3/4"	4
10.	F0616FN	HEX WHIZ-LOCK NUT, 3/8-16	4
11.			
12.			

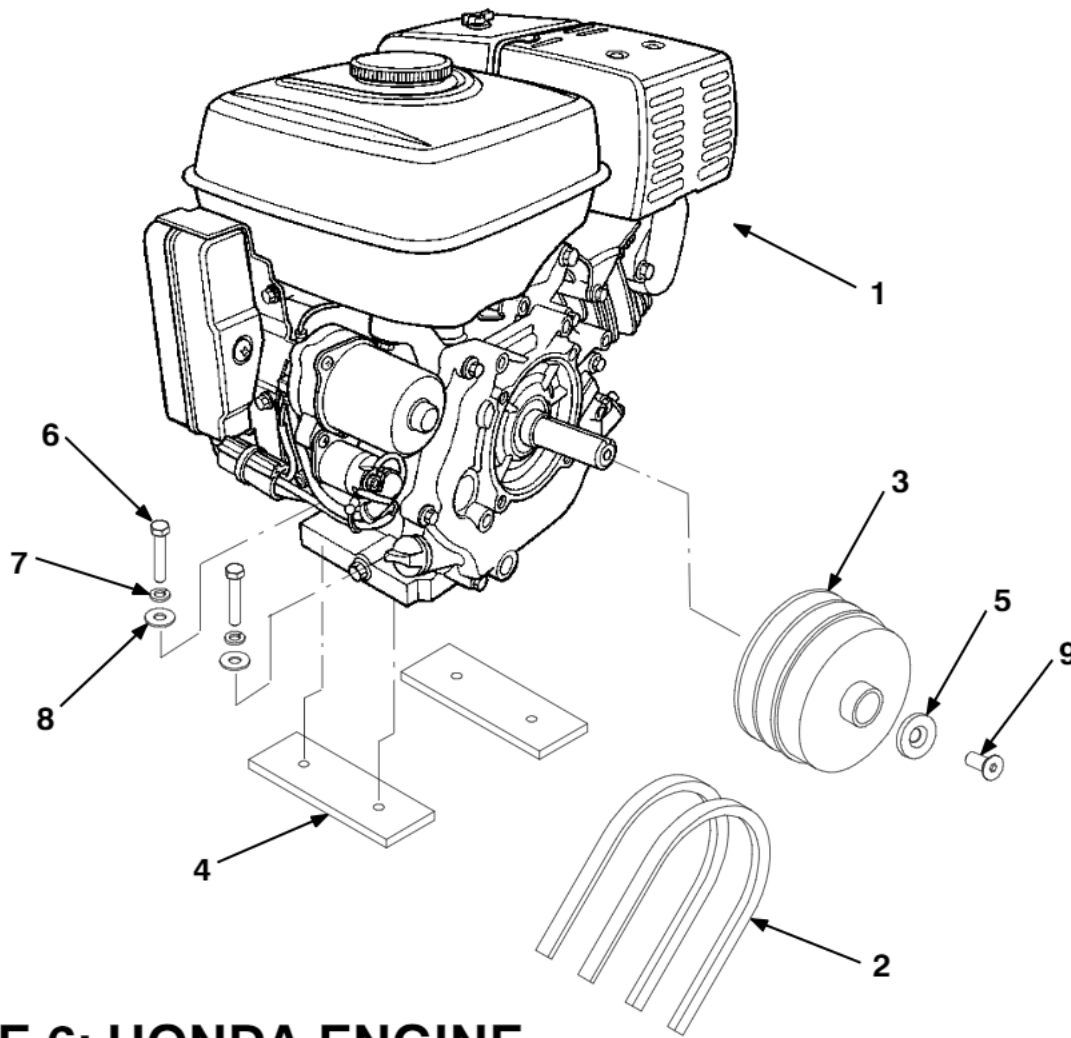
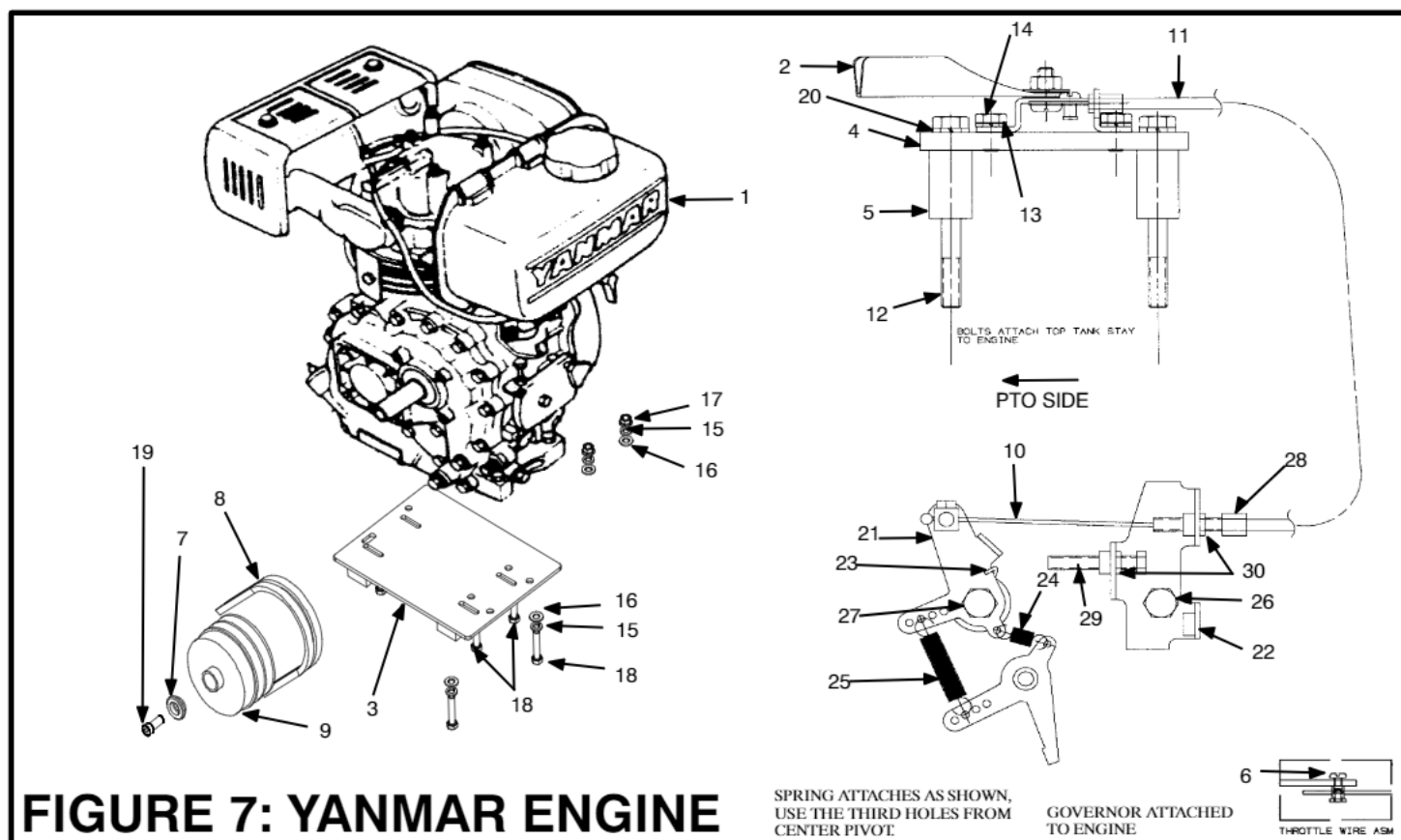


FIGURE 6: HONDA ENGINE

HONDA ENGINE ASSEMBLY – GP5500

ITEM NO	PART NO	DESCRIPTION	QTY
1.	15674	ENGINE, HONDA, GX270 16.5 cu/in (270 cu/cm)	1
2.	05935	V-BELT, AX-35	2
3.	06934	DOUBLE GROOVE CENTRIFUGAL CLUTCH	1
4.	12968	MOUNTING BAR	2
5.	14992	COUNTERSINK WASHER	1
6.	F061614HCS	HEX HEAD CAP SCREW, 3/8–16 x 1-3/4" LONG	4
7.	F06LW	LOCKWASHER, 3/8"	4
8.	F06SW	PLAIN WASHER, 3/8"	4
9.	F072008FSS	FLAT HEAD SET SCREW, 7/16–20 x 1" LONG	1
10.			
11.			
12.			



YANMAR ENGINE ASSEMBLY – GP5500

ITEM NO	PART NO	DESCRIPTION	QTY
1.	00387	ENGINE, YANMAR L60E–D 6hp	1
2.	02198	THROTTLE CONTROL ASM	1
3.	02428	ENGINE ADAPTOR	1
4.	02558	MOUNT, THROTTLE	1
5.	02559	SPACER, 3/4 X 3/8 X 1.2	2
6.	05477	SWIVEL (included with item 2)	1
7.	05714	WASHER, PILOT	1
8.	05935	V–BELT, AX–35	2
9.	06934	CLUTCH, CENTRIFUGAL DOUBLE GROOVE	1
10.	07912	WIRE, THROTTLE	1
11.	07921	CASING	1
12.	08388	HEX HEAD CAP SCREW, M8 X 80MM LONG	2
13.	F04LW	LOCKWASHER, 1/4"	2
14.	F042004HCS	HEX HEAD CAP SCREW, 1/4–20 X 1/2" LONG	2
15.	F06LW	LOCKWASHER, 3/8"	8
16.	F06SW	PLAIN WASHER, 3/8"	8
17.	F0616LN	LOCKNUT, 3/8–16	4
18.	F061614HCS	HEX HEAD CAP SCREW, 3/8–16 X 1–3/4" LONG	8
19.	F072008SCS	SOCKET HEAD CAP SCREW, 7/16–20 X 1" LONG	1
20.	J0021008000	LOCKWASHER, 8MM	2
21.	Z11425266051	LEVER, SPEED CONTROL	1
22.	Z11425266112	BRACKET, ACCELERATOR	1
23.	Z11425266250	SPRING, RETURN	1
24.	Z11425066200	SPRING, SHORT	1
25.	Z11497066010	SPRING, LONG	1
26.	Z26476060142	BOLT, M6 X 14MM LONG	1
27.	Z26106060202	BOLT, M6 X 20MM LONG	1
28.	Z10210067080	BOLT, ADJUSTING	1
29.	Z11425066440	BOLT, ADJUSTING	1
30.	Z26757060002	LOCKNUT, M6	2

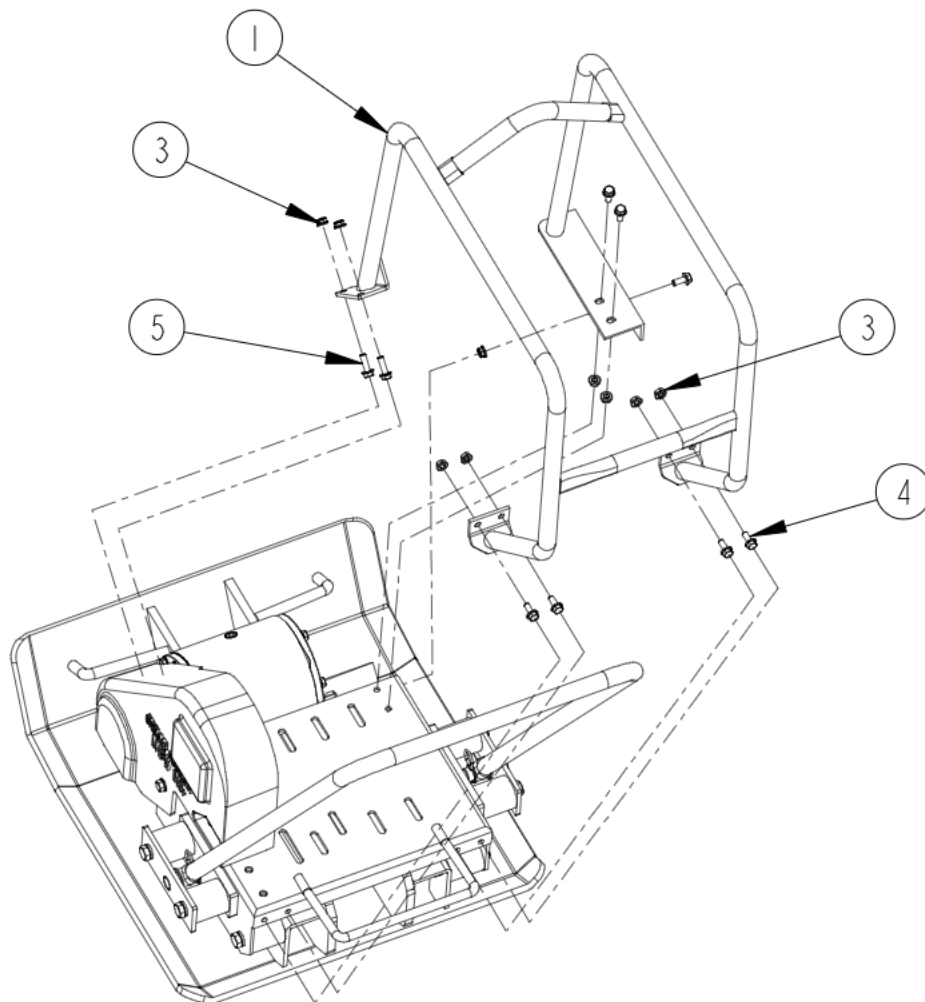


FIGURE 8: ROLL CAGE

ROLL CAGE – GP4000–GP5500

ITEM NO	PART NO	DESCRIPTION	QTY
1.	13882	ROLL CAGE (GP4000)	1
	02483	ROLL CAGE (GP5500)	1
2.	13907	KIT, GP4000 ROLL CAGE (includes items 1, 3, 4, & 5)	
	02484	KIT, GP5500 ROLL CAGE (includes items 1, 3, 4, & 5)	
3.	F0518FN	FLANGE WHIZ–LOCK NUT, 5/16–18	9
4.	F051806FWS	FLANGE WHIZ–LOCK SCREW 5/16–18 X 3/4" LONG	7
5.	F051808FWS	FLANGE WHIZ–LOCK SCREW 5/16–18 X 1" LONG	2
		MOUNT ROLL CAGE TO LOCATE HOLE POSITION IN THE BELTGUARD.	
		MARK POSITION. REMOVE ROLL CAGE AND DRILL TWO 13/32 DIA. HOLES. REINSTALL ROLL CAGE WITH HARDWARE PROVIDED.	