

OPERATION AND PARTS MANUAL



 **WHITEMAN** SERIES

MODELS

WM63H5, WM63H8

WM63E

PLASTER AND MORTAR MIXER

**(HONDA GX160UT1HX2/GX240UT1HA2
GASOLINE ENGINES)**

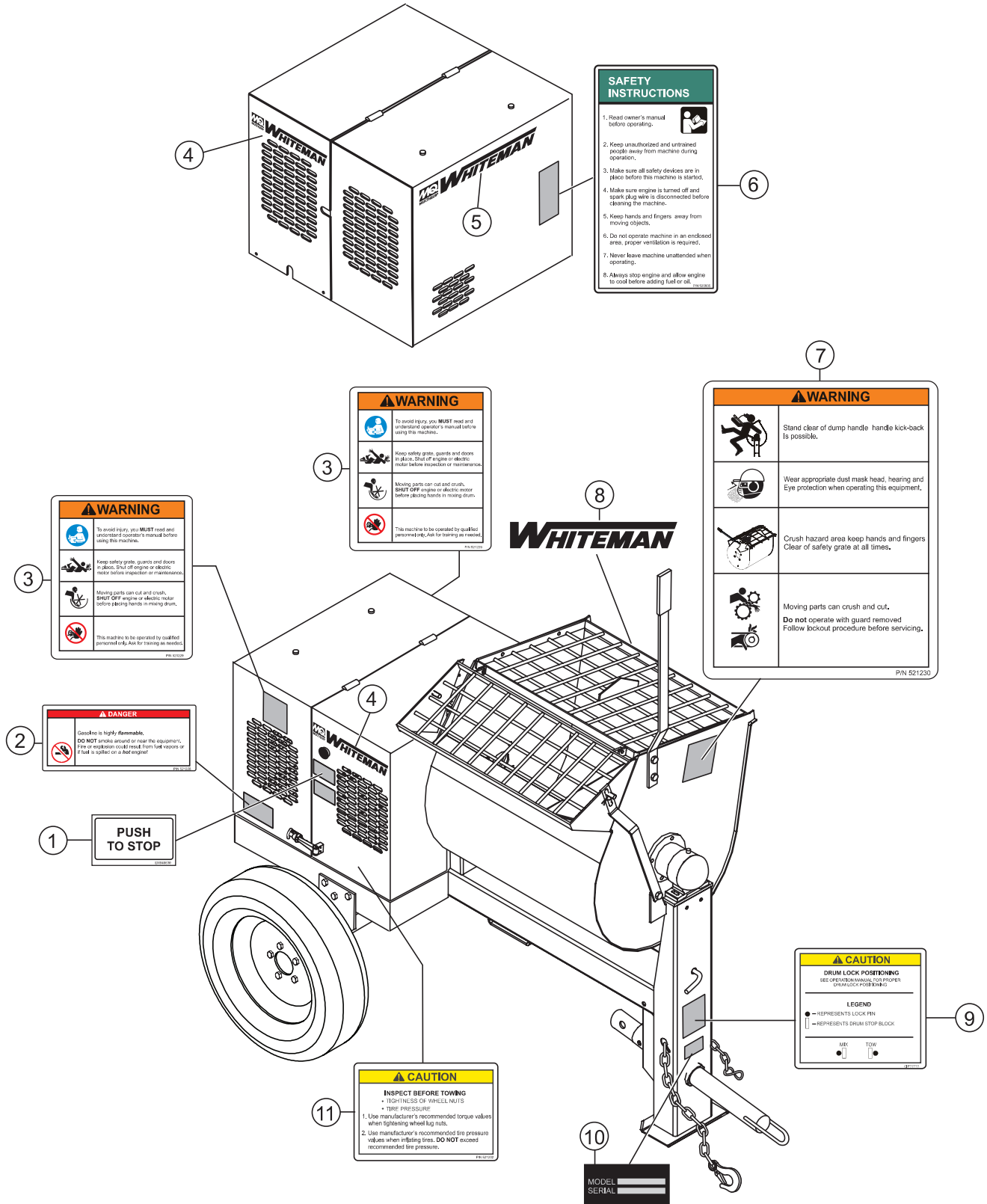
Revision #2 (09/05/19)

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THIS MANUAL MUST ACCOMPANY THE EQUIPMENT AT ALL TIMES.

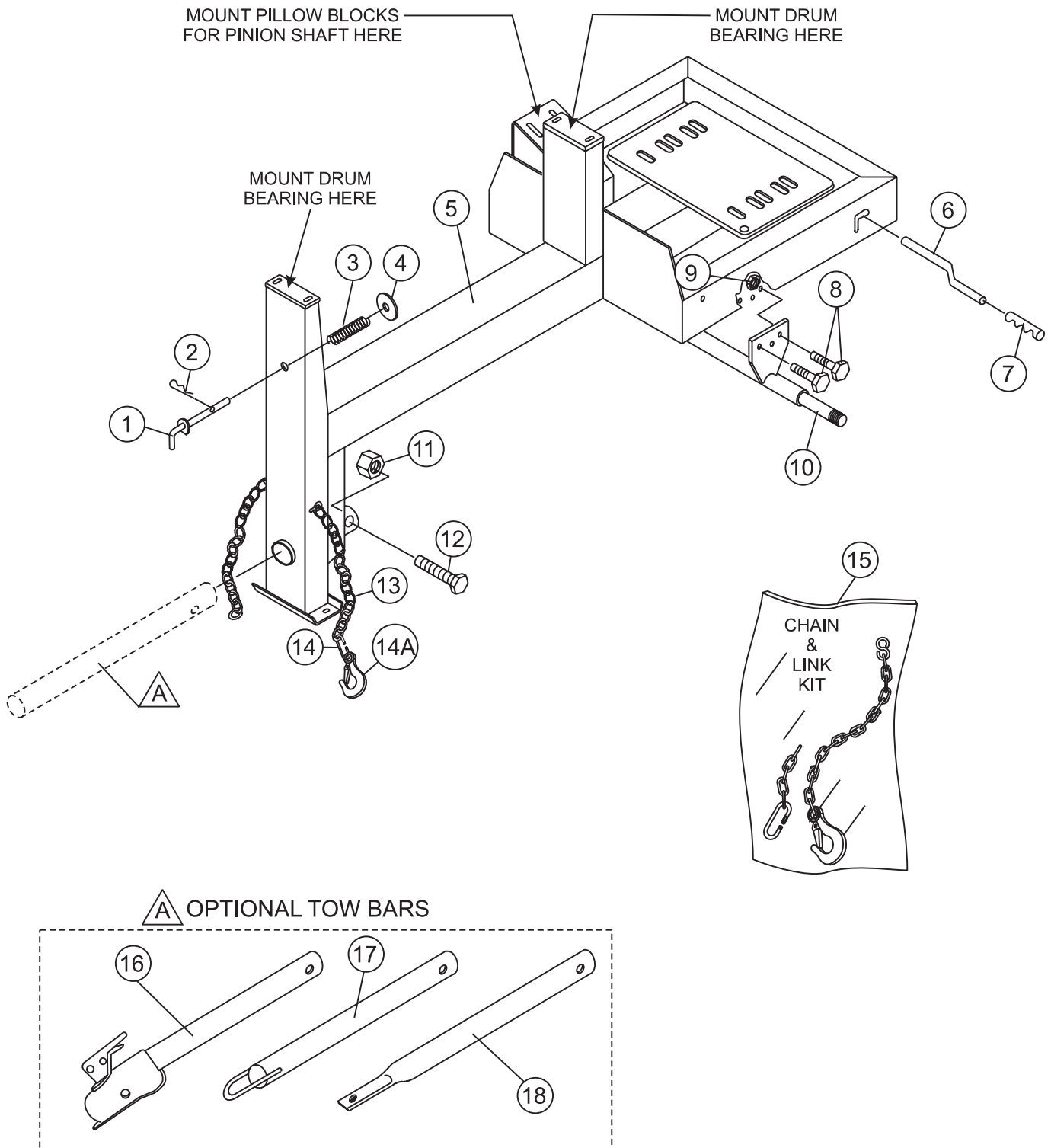
NAMEPLATE AND DECALS



NAMEPLATE AND DECALS

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EM948630	DECAL, PUSH TO STOP	1	
2	521228	DECAL, DO NOT SMOKE	1	
3	521229	DECAL, READ MANUAL, CRUSH HAZARD	2	
4	515275	DECAL, MQ WHITEMAN LOGO SMALL	1	
5	504714	DECAL, MQ WHITEMAN LOGO LARGE	1	
6	520935	DECAL, SAFETY INSTRUCTIONS	1	
7	521230	DECAL, HANDLE KICK BACK, SAFETY GRATE, CRUSH HAZARD	1	
8	504715	DECAL, WHITEMAN LOGO LARGE	1	
9	521231	DECAL, DRUM LOCK POSITIONING	1	
10		NAMEPLATE	1	CONTACT MQ PARTS DEPT.
11	521232	DECAL, INSPECT BEFORE TOWING	1	

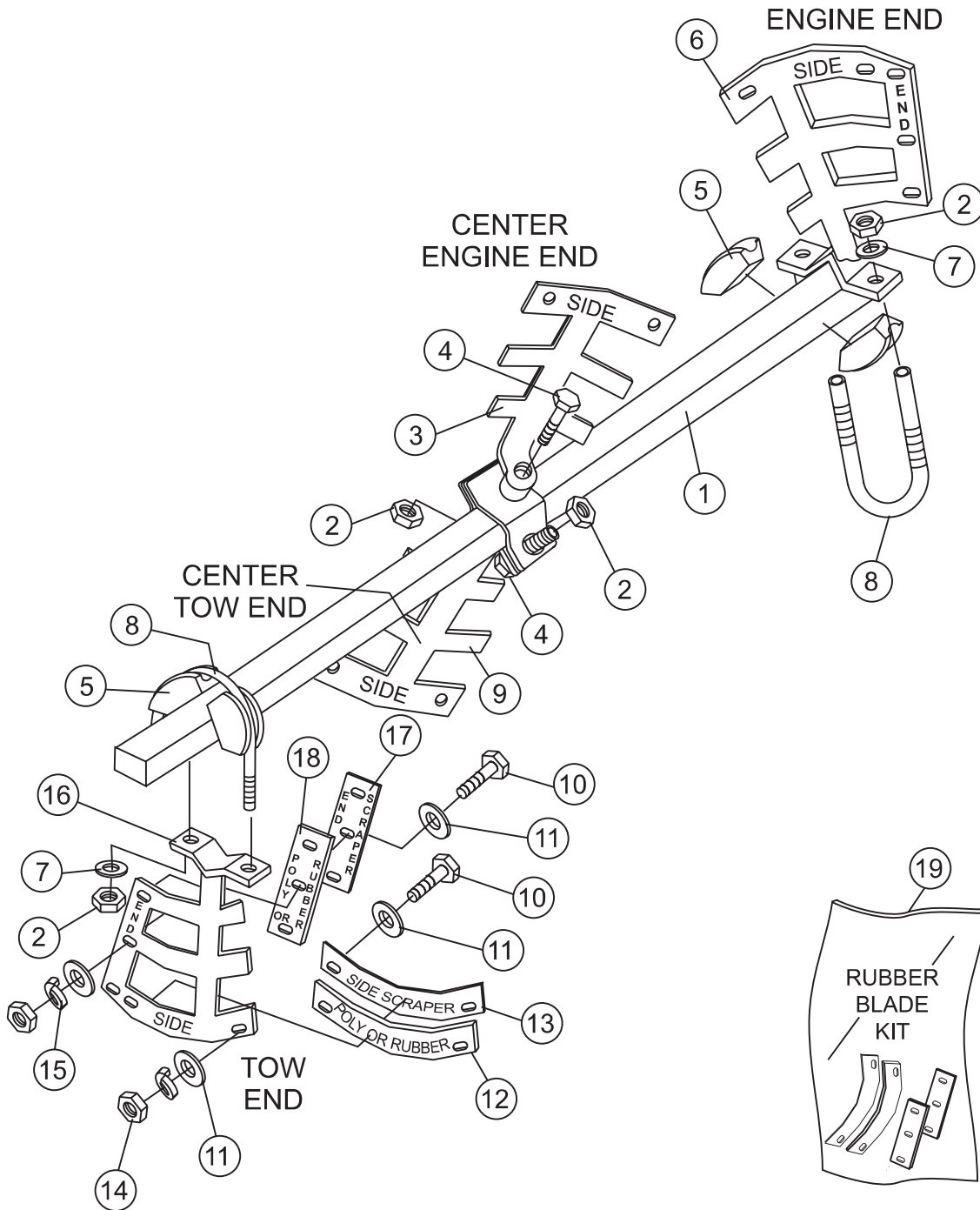
FRAME ASSY.



FRAME ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	514842	LOCK, PIN	1	
2	491692	COTTER PIN	1	
3	530023	SPRING LOCKING PIN	1	
4	507444	WASHER, FLAT 3/4"	1	
5	514834	MAIN FRAME	1	
6	530013	CLUTCH HANDLE LEVER	1	
7	20278-001	CLUTCH HANDLE GRIP	1	
8	EM963692	BOLT 1/2" UNC 1-1/2"	6	
9	492584	NUT, LOCK 1/2"	6	
10	514802	AXLE, UNIVERSAL	1	
11	10176	LOCK NUT 1/2" NC	1	
12	EM124	BOLT 1/2"-13 X 4 G5	1	
13\$		SAFETY CHAIN.....	1.....	SOLD ONLY IN KIT
14\$	01004	CONNECTOR LINK	1	
14A\$	516580	CLEVIS SAFETY HOOK	1	
15	13363KIT	CHAIN AND LINK KIT.....	1.....	INCLUDES ITEMS W/\$
16	HBC-1	BALL HITCH 2-INCH	1.....	CONTACT UNIT SALES
17	HLC-1	LOOP HITCH.....	1.....	CONTACT UNIT SALES
18	HPC-1	PIN HITCH 1-INCH.....	1.....	CONTACT UNIT SALES

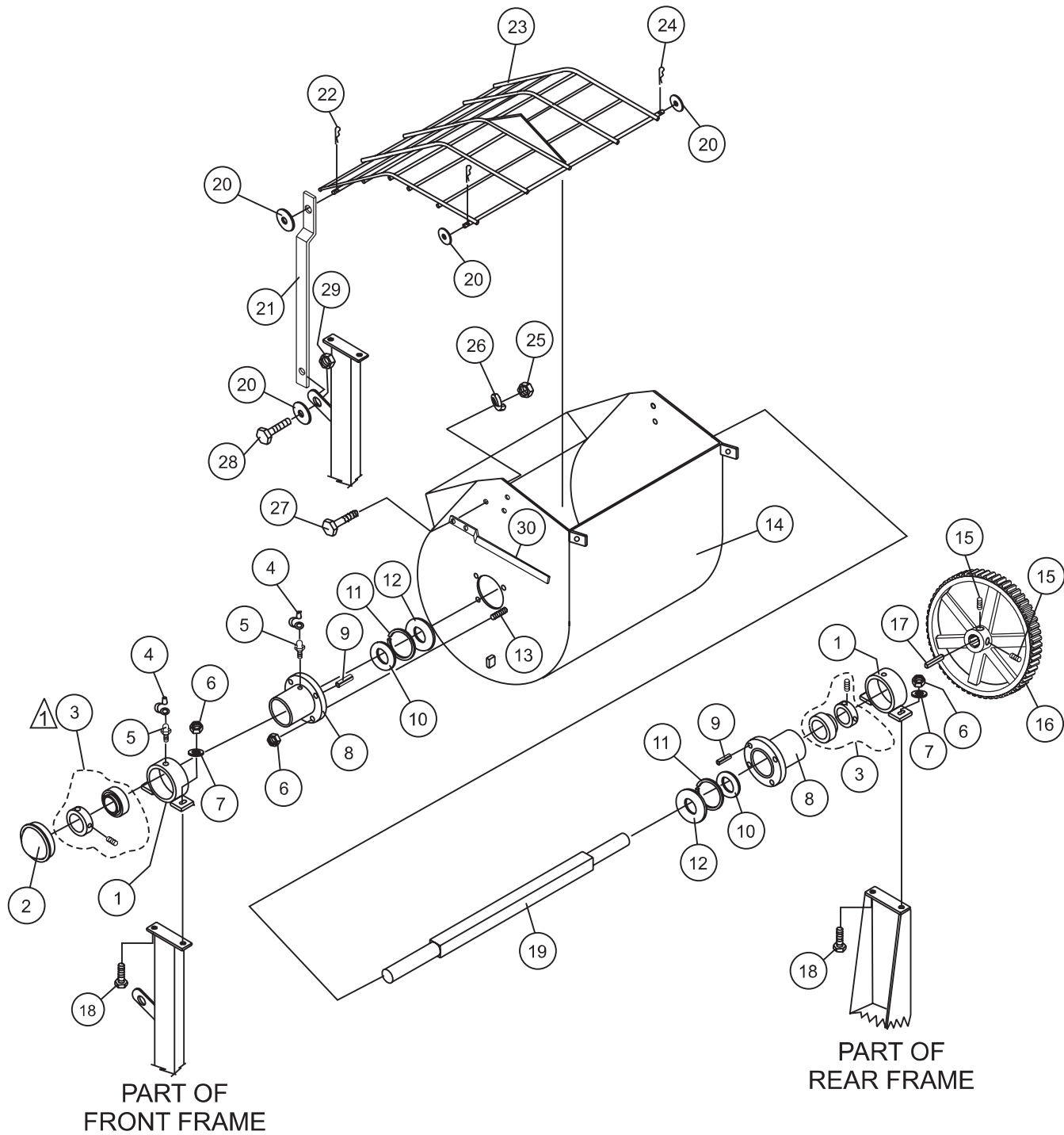
PADDLE SHAFT ASSY.



PADDLE SHAFT ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	514752	PADDLE SHAFT	1	
2	492584	NUT, LOCK 1/2"	6	
3	530140C	PADDLE ARM, CENTER ENGINE END	1	
4	3215	SCREW, HHC 1/2-13 X 3-1/2	2	
5	EM200292	INSERT, PADDLE ARM	4	
6	530141	PADDLE ARM, ENGINE END	1	
7	6109170	WASHER, FLAT 1/2"	6	
8	EM200297	U-BOLT, END PADDLES	2	
9	530143	PADDLE ARM, CENTER TOW END	1	
10	505196	SCREW, 3/8 X 1-1/2 " HHCS	18	
11	3019092	WASHER, FLAT 3/8"	28	
12@	25667-001	BLADE, SIDE RUBBER	4	
13	25668-001	BLADE, SIDE SCRAPPER	4	
14	1456	NUT, HEX FINISH 3/8-16	14	
15	0166 A	WASHER, LOCK 3/8" MED.	14	
16	530142C	PADDLE ARM, TOW END	1	
17	33074-001	BLADE, SCRAPPER END	2	
18@	33017-001	BLADE, RUBBER END	2	
19	25647-502	KIT, BLADE (RUBBERS ONLY)	1.....	INCLUDES ITEMS W/@

STEEL TUB ASSY.



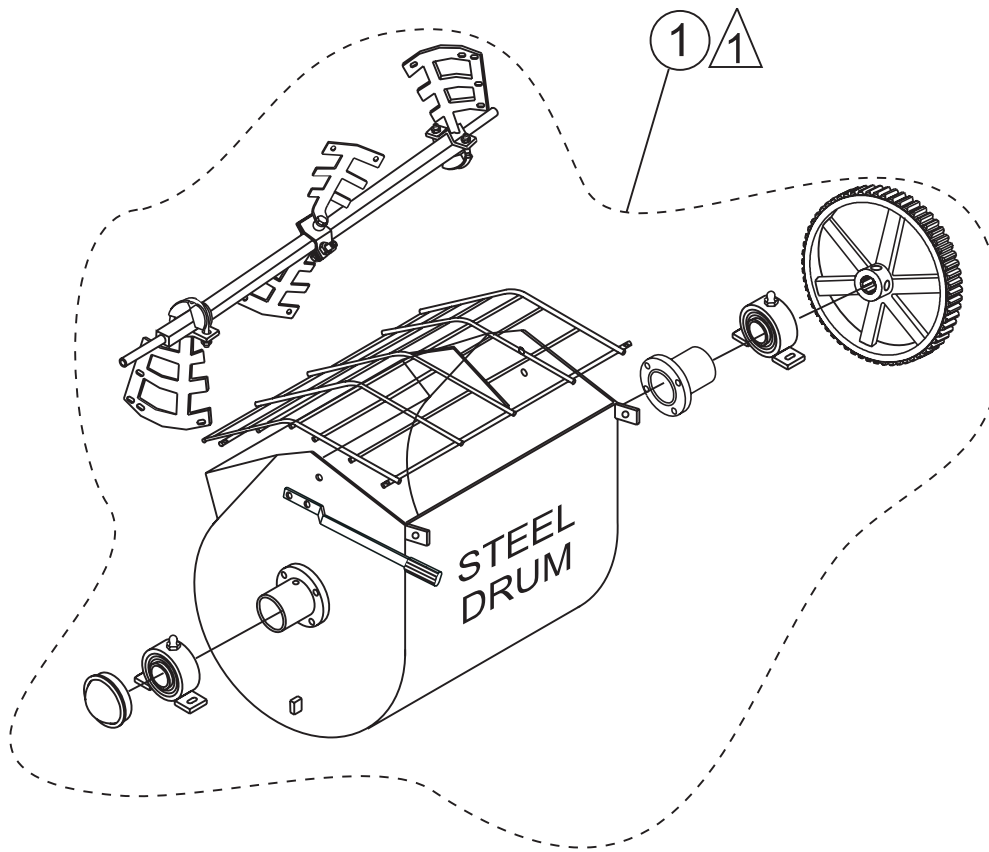
NOTES:

⚠ SET SCREWS AND BEARING COLLAR ARE INCLUDED WITH BEARING AND CANNOT BE PURCHASED SEPARATELY.

STEEL TUB ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	530028	DRUM BEARING BRACKET	2	
2	3249	CAP, DUST	1	
3	20561-001	BEARING, SEALED.....	2.....	SET SCREWS AND BEARING COLLAR CANNOT BE SOLD SEPARATELY.
4	491008	CAP, GREASE FITTING	2	
5	EM916019	FITTING, GREASE	2	
6	EM969013	NUT, NYLOCK 3/8"	12	
7	3019092	WASHER, FLAT 3/8"	4	
8	514778	TRUNNION HUB	2	
9	513453	ROLL PIN 3/16" X 3/4"	2	
10	20654-001	SEAL, SHAFT (BLACK)	2	
11	530029	RING, RETENTION	2	
12	20104-002	SEAL, SHAFT URETHANE (YELLOW)	2	
13	513452	BOLT 3/8" NC X 1/4" G5	8	
14	515009	DRUM, STEEL	1	
15	492484	SET SCREW	2	
16	530043	MAIN GEAR	1	
17	500432	KEY, 3/8" X 50 MM	1	
18	17985-012	CARRIAGE BOLT 3/8-16 X 1-1/2"	4	
19	514752	SHAFT, PADDLE	1	
20	6109170	WASHER, FLAT 1/2"	4	
21	515032	LIFT BAR	1	
22	EM925191	PIN, COTTER	1	
23	514962	GRATE	1	
24	EM924015	PIN, COTTER	2	
25	6109160	HEX NUT 1/2" G5	2	
26	6109180	WASHER, LOCK 1/2"	2	
27	EM963692	BOLT 1/2" NC 1-1/4" G5	2	
28	492393	CAPSCREW, HHCS 1/2" NC X 1-1/4"	1	
29	492584	NUT, LOCK 1/2" NC	1	
30	EM201537	HANDLE DUMP	1	

DRUM AND PADDLE SHAFT COMPLETE ASSY.

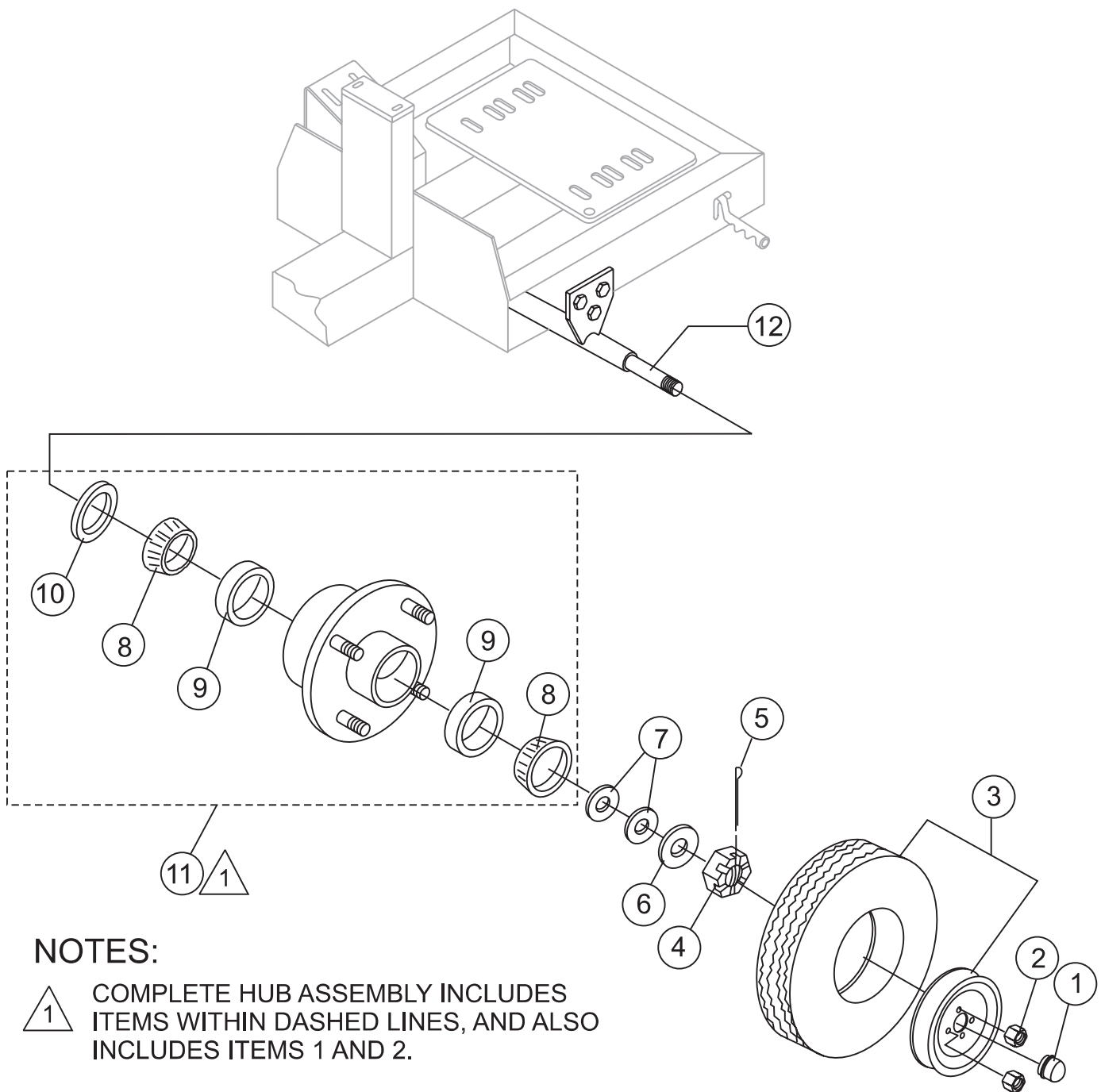


NOTES:

- △ 1 COMPLETE DRUM AND PADDLE
SHAFT ASSEMBLIES ARE INCLUDED
WITHIN DASHED LINES.

DRUM AND PADDLE SHAFT COMPLETE ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	516069	DRUM AND SHAFT COMPLETE ASSY.....	1.....	INCLUDES ITEMS LISTED BELOW
	530028	DRUM BEARING BRACKET	2	
	3249	CAP, DUST	1	
	20561-001	BEARING SEALED	2	
	491008	CAP, GREASE FITTING	2	
	EM916019	FITTING, GREASE	2	
	EM969013	NUT, LOCK 3/8"	12	
	3019092	WASHER, FLAT 3/8"	4	
	514778	TRUNNION HUB	2	
	07594-012	ROLL PIN 3/16" X 3/4"	2	
	20654-001	SEAL, SHAFT (BLACK)	2	
	530029	RING, RETENTION	2	
	20104-002	SEAL, SHAFT URETHANE (YELLOW)	2	
	513452	BOLT 3/8" NC X 1/4" G5	8	
	515009	DRUM, STEEL	1	
	EM961019	SET SCREW	2	
	530043	MAIN GEAR	1	
	10057-034	KEY, 3/8" SQ X 2.00 STEEL	1	
	EM963057	CAPSCREW HHCS 3/8 X 1-1/2"	4	
	514752	SHAFT, PADDLE	1	
	6109170	WASHER, FLAT 1/2"	2	
	514946	GRATE	1	
	EM924015	PIN, COTTER 3/16 X 1	2	
	6109160	HEX NUT 1/2-13	2	
	6109180	WASHER, LOCK 1/2"	2	
	EM963692	CAPSCREW, 1/2-13 X 1-1/2 HHCS	2	
	EM201537	HANDLE DUMP	1	
	15081	GRIP, DUMP HANDLE	1	
	514752	PADDLE SHAFT	1	
	492584	NUT, LOCK 1/2"	6	
	530142	PADDLE ARM, CENTER ENGINE END	1	
	3043	SCREW, HHC 1/2-13 X 6" G5	2	
	EM200292	INSERT, PADDLE ARM	4	
	530141	PADDLE ARM, ENGINE END	1	
	6109170	WASHER, FLAT 1/2"	6	
	EM200297	U-BOLT, END PADDLES	2	
	530143	PADDLE ARM, CENTER TOW END	1	
	505196	SCREW, 3/8 X 1-1/2 HHCS G5	18	
	EM923023	WASHER, FLAT 5/16"	28	
	25667-001	BLADE, SIDE RUBBER	4	
	25668-001	BLADE, SIDE SCRAPER	4	
	2105164	NUT, HEX 5/16" NC G5	14	
	EM923343	WASHER, LOCK 5/16"	14	
	530140	PADDLE ARM, TOW END	1	
	33074-001	BLADE, SCRAPER END	2	
	33017-001	BLADE, RUBBER END	2	



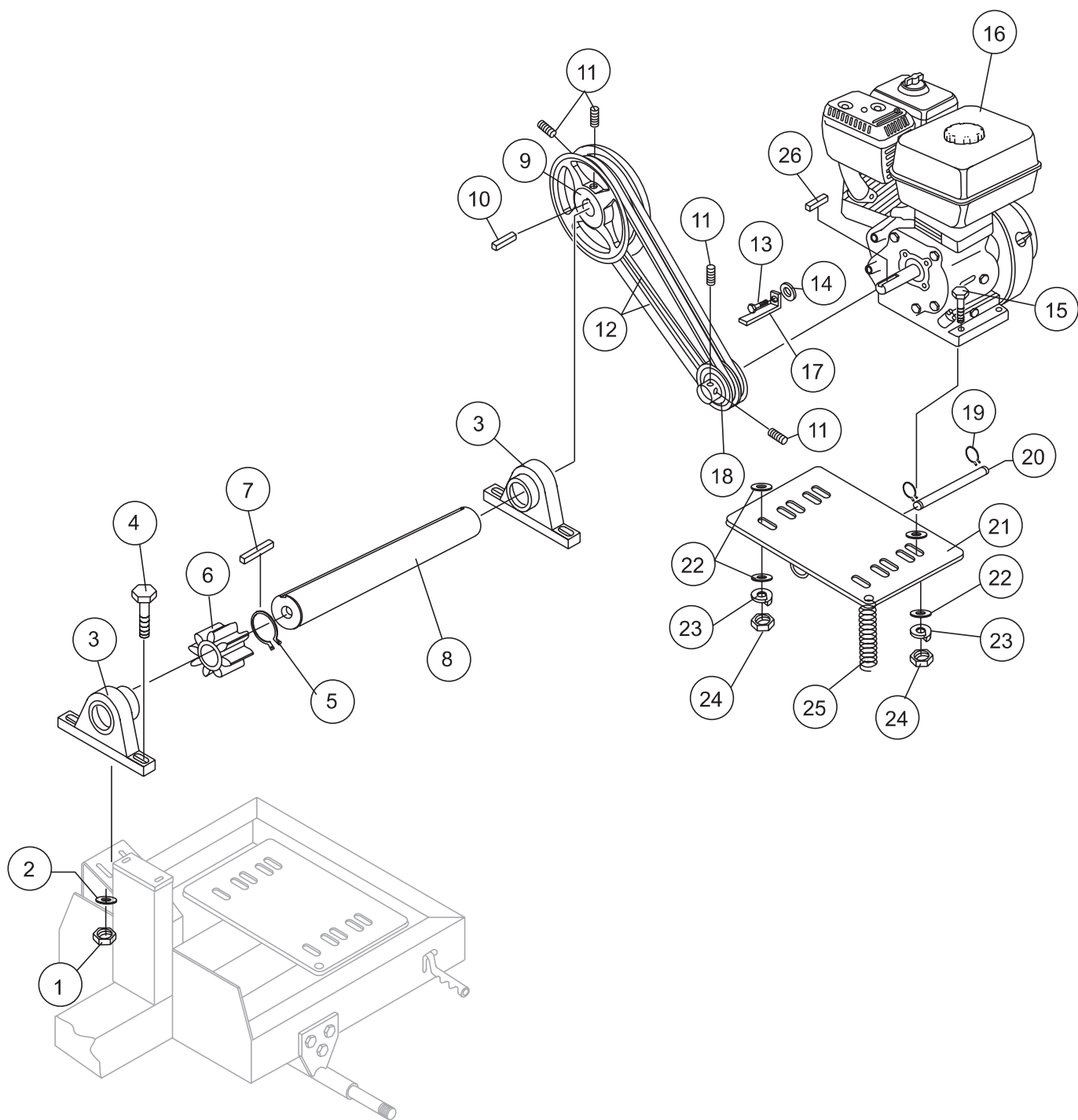
NOTES:

- △ 1 COMPLETE HUB ASSEMBLY INCLUDES ITEMS WITHIN DASHED LINES, AND ALSO INCLUDES ITEMS 1 AND 2.

AXLE ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1#	3469	DUST CAP	2	
2#	29194	LUG NUTS	8	
3	516476	TIRE AND RIM, TOWMASTER II	2	
4	8164	CASTLE NUT 1-20 JAM	2	
5	EM924008	COTTER PIN 1/8" X 1-1/2'	2	
6	EM511159	WASHER, FLAT, .087" THICKNESS	2	
7	EM501299	WASHER, FLAT, .135" THICKNESS	1	
8#	EM903113	BEARING CONE	4	
9#	EM903012	BEARING CUP	4	
10#	EM914288	OIL SEAL	2	
11	EM941306	HUB ASSY., 4-BOLT	2.....	INCLUDES ITEMS W/#
12	514802	AXLE, UNIVERSAL	1	

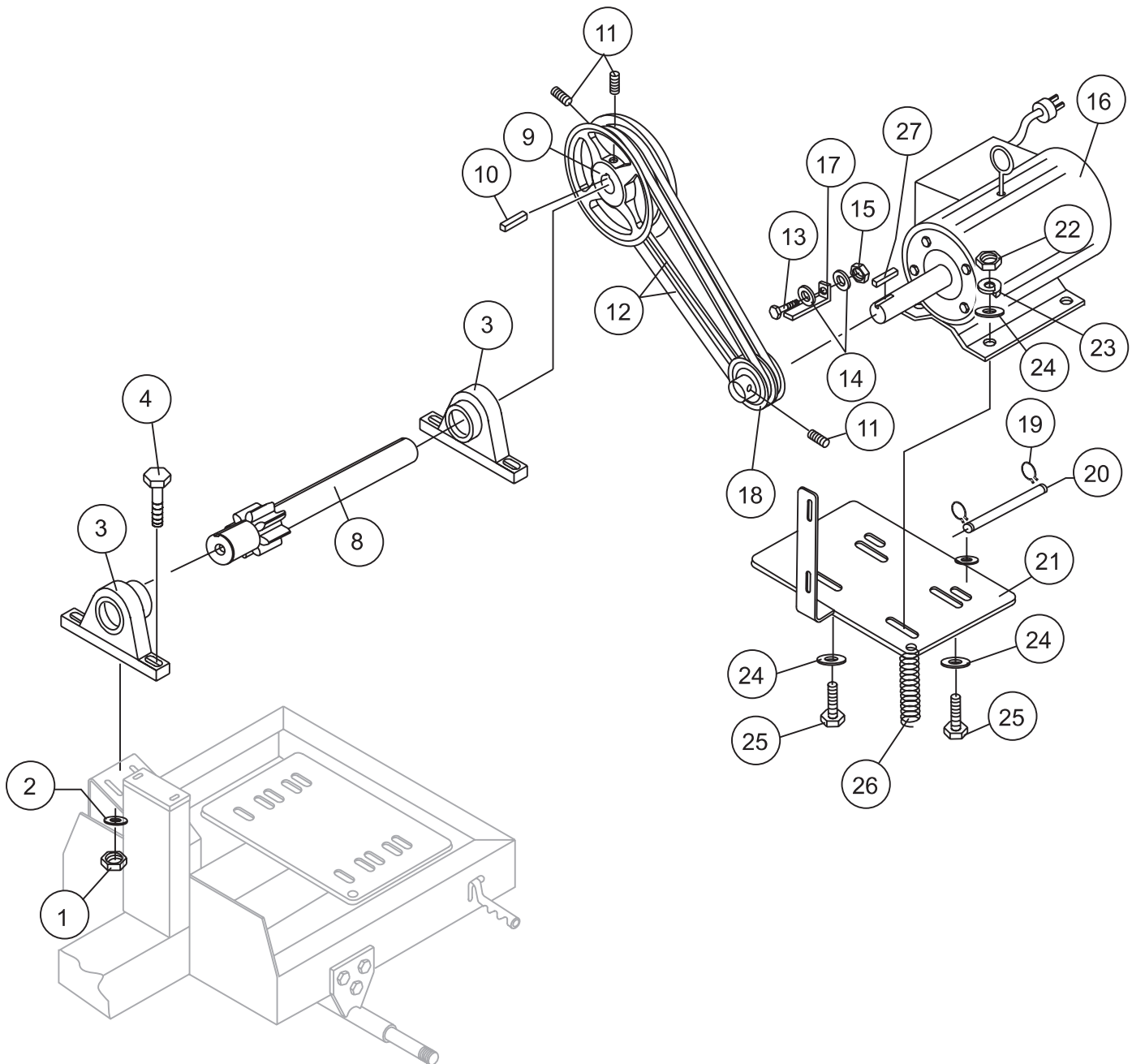
ENGINE ASSY.



ENGINE ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EM969013	NUT NYLOK 3/8" NC G5	4	
2	3019092	FLAT WASHER 3/8	8	
3	EM905016	PILLOW BLOCK BEARING	2	
4	492378	BOLT 3/8" NC X 1-3/4" G5	4	
5	JISB2804C25	RING, RETAINING	1	
6	513868	PINION GEAR	1	
7	500214	KEY, SQUARE 1/4 X 1/4 X 1-1/2	1	
8	502226	PINION SHAFT	1	
9	492077	PULLEY (LARGE)	1	
10	505084	KEY, 1/4" X 55 MM	1	
11	492467	SCREWSET SCREW, 5/16" NC 3/8"	4	
12	491107	V-BELT, A-32	2	HONDA GX160, 5.5 HP
12	07055-034	V-BELT, 4L340	2	HONDA GX240, 8.0 HP
13	503117	BOLT, 3/8" NC X 3" G5	1	
14	508344	WASHER, FLAT 5/16"	1	
15	2105162	SET BOLT ENGINE	4	HONDA GX160, 5.5 HP
15	492378	BOLT 3/8 X 1-3/4 HHCS G5	4	HONDA GX240, 8.0 HP
16	GX160UT1HX2	ENGINE, HONDA, 5.5 HP	1	
16	GX240UT1HA2	ENGINE, HONDA, 8.0 HP	1	
17	514985	BELT RETAINER BAR	1	
18	492055	PULLEY, (SMALL)	1	HONDA GX160, 5.5 HP
18	505205	PULLEY, (SMALL)	1	HONDA GX240, 8.0 HP
19	604445	RETAINING RING	2	
20	530454	SHAFT, ENGINE MOUNT	1	
21	530019	ENGINE MOUNTING PLATE	1	
22	EM923023	WASHER, FLAT 5/16"	6	
22	3019092	WASHER, FLAT 3/8"	6	
23	EM923343	WASHER, LOCK 5/16"	4	
23	0166 A	WASHER, LOCK 3/8"	4	
24	2105164	NUT, HEX 5/16"	4	
24	1456	NUT, HEX FINISH 3/8-16	4	
25	EM102014	SPRING, EXTENSION	1	
26	501019	SQ. KEY 3/16" X 45 MM	1	HONDA GX160, 5.5 HP
26	90745ZE2600	SQ. KEY 6.3 X 6.3 X 43 MM	1	HONDA GX240, 8.0 HP

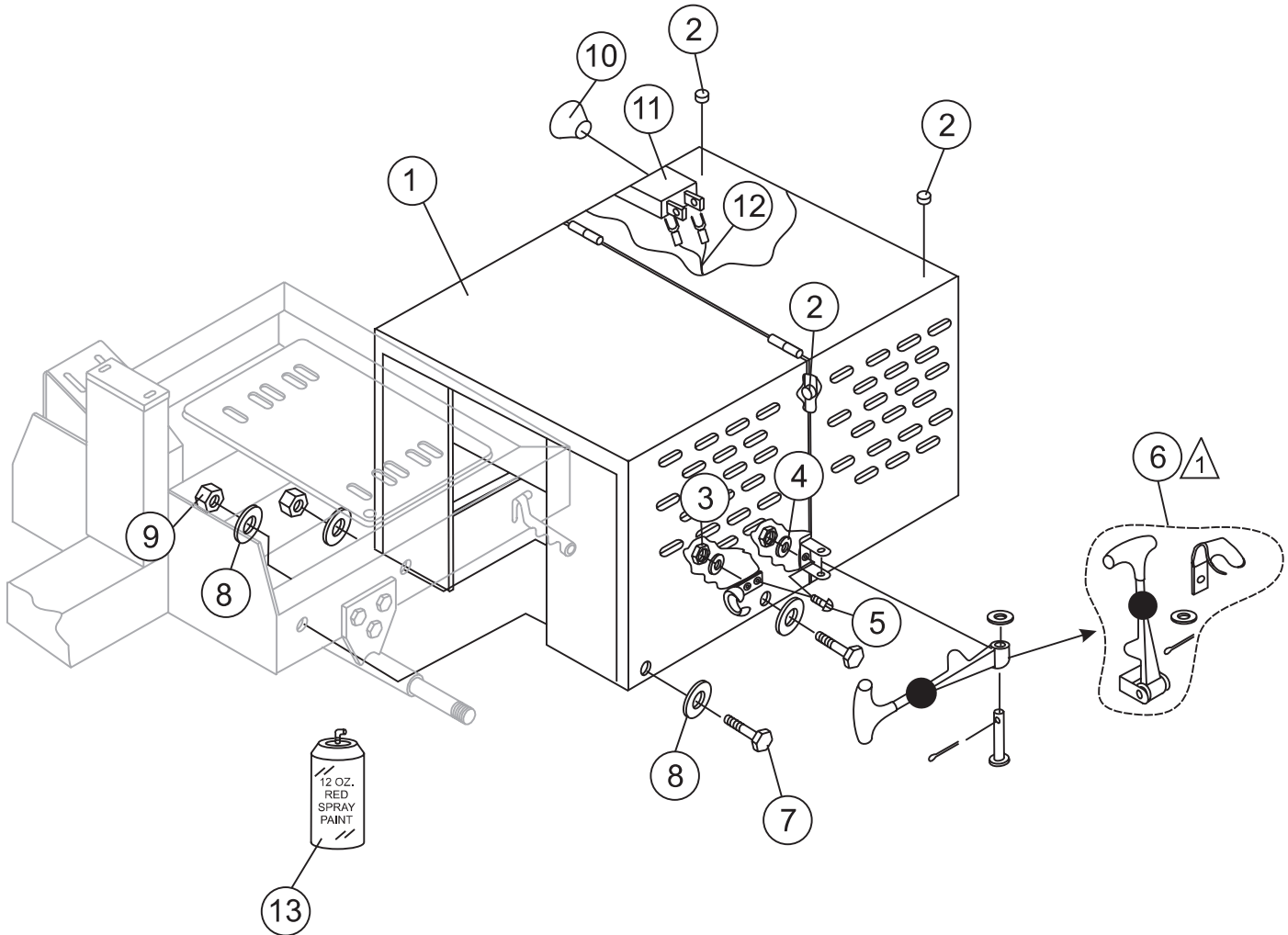
ELECTRIC MOTOR ASSY.



ELECTRIC MOTOR ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	EM969013	NUT NYLOK 3/8" G5	4	
2	3019092	FLAT WASHER 3/8	8	
3	EM905016	PILLOW BLOCK BEARING	2	
4	492378	BOLT 3/8 X 1-3/4" G5	4	
8	20216-001	PINION SHAFT	1	
9	20061-001	PULLEY, (LARGE)	1	
10	500214	KEY, 1/4 X 1/4 X 1-1/2	1	
11	492467	SET SCREW, 5/16" NC 3/8"	3	
12	491112	V-BELT, A-40	2	
13	503117	CAP SCREW 3/8 NC X 3 G5	1	
14	3019092	WASHER, FLAT 3/8"	2	
15	492582	NUT, NYLON 5/16"-18	1	
16	35L229S302	ELECTRIC MOTOR 1.5 HP	1	
17	514985	BELT RETAINER BAR	1	
18	502213	PULLEY, (SMALL)	1	
19	604445	RETAINING RING	2	
20	530454	SHAFT, ENGINE MOUNT	1	
21	530089	ELECTRIC MOTOR MOUNTING PLATE	1	
22	2105164	NUT, HEX 5/16" NC	4	
23	492623	WASHER, LOCK 5/16"	4	
24	EM923023	WASHER, FLAT 5/16"	8	
25	492378	BOLT 3/8" NC X 1-3/4" G5	4	
26	530024	SPRING, TENSION	1	
27	500169	KEY, SQUARE 3/16" X 2"	1	

CABINET ASSY.



NOTES:



COMPLETE LATCH ASSEMBLY
INCLUDES ITEMS WITHIN DASHED
LINES. ITEMS CANNOT BE PURCHASED
SEPARATELY.

CABINET ASSY.

<u>NO.</u>	<u>PART NO.</u>	<u>PART NAME</u>	<u>QTY.</u>	<u>REMARKS</u>
1	515014	CABINET, ENGINE W/DECALS	1.....	INCLUDES ITEMS W/\$
2	490202	RUBBER PROTECTOR	4	
3\$	13287	LOCK NUT 8-32	6	
4\$	2203	WASHER, FLAT #10	6	
5\$	1307	SCREW PHP 8-32 X 1/2"	6	
6\$	491010	LATCH ASSY., COMPLETE	2	
7	EM963610	CAP SCREW 3/8" NC X 1-1/4 G8	4	
8	3019092	WASHER, FLAT 3/8"	4	
9	EM969013	NUT NYLOK 3/8	4	
10	29174-001	KNOB, MUSHROOM	1	
11	29173-001	SWITCH, PUSH-PULL	1	
12	504135C	WIRE HARNESS	1	
13	RAL3020S	PAINT, SPRAY CAN 12 OZ., RED TRAFFIC	AR	