

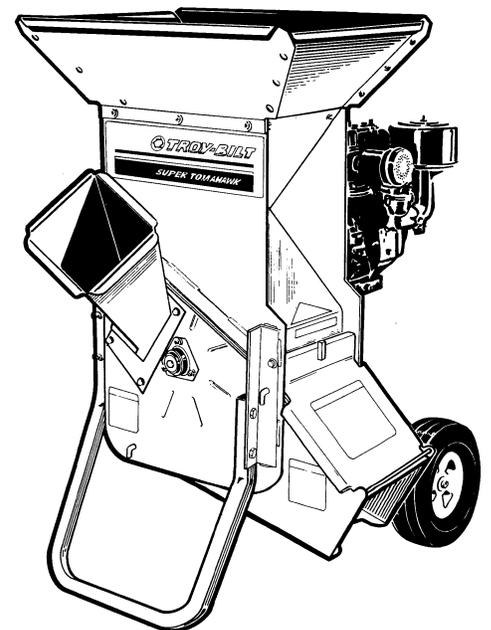


Parts Catalog

TOMAHAWK® Chipper/Shredder

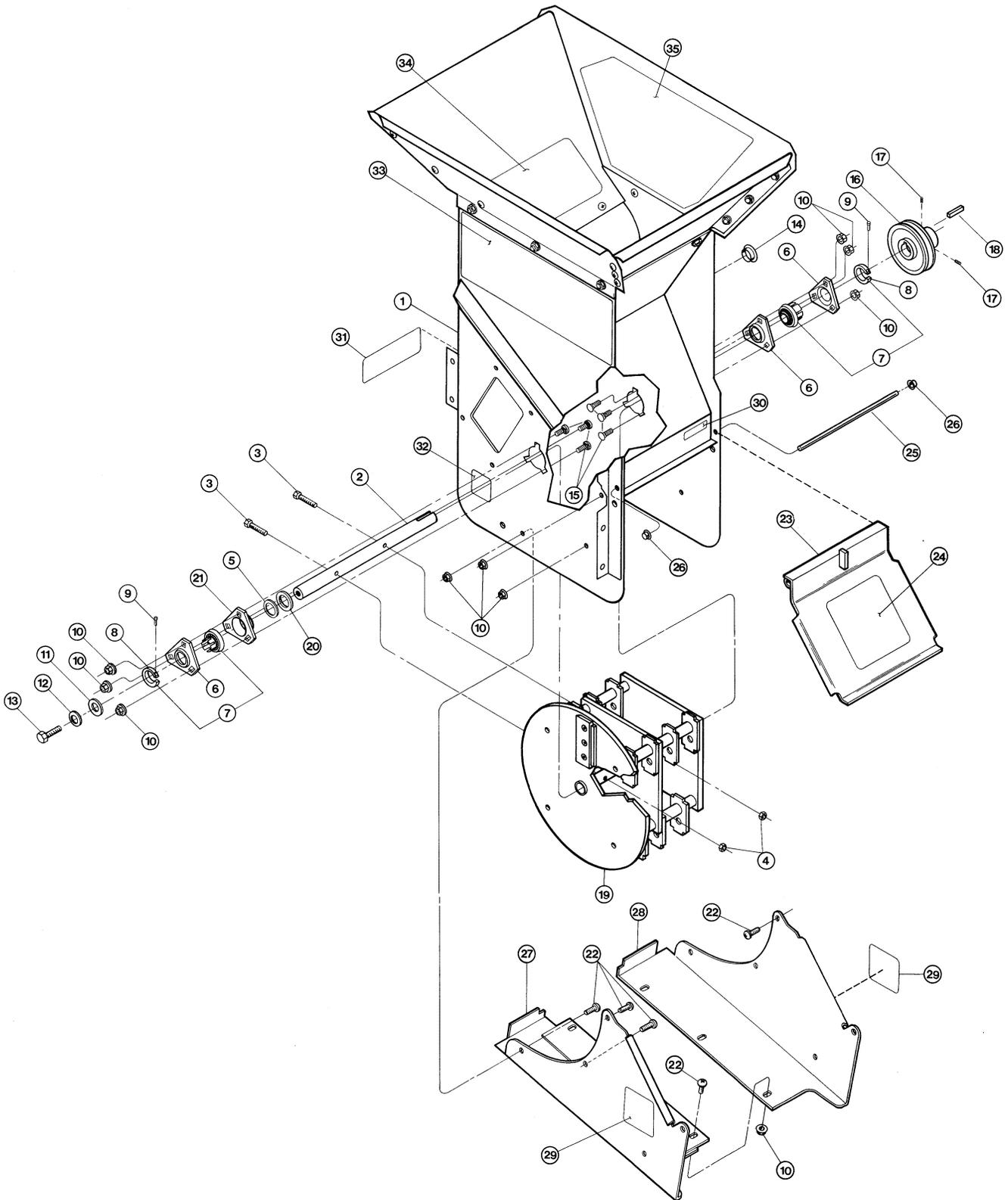
Models

4 HP
5 HP
8 HP



DRAWING ONE

TROY-BILT® TOMAHAWK® Chipper/Shredder



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	1900401	Main Frame Assembly with decals (for 4HP Model). Does not include the four hopper segments attached to top of assembly	1	20	1900105	Shield Washer	1
	1900402	Main Frame Assembly with decals (for 5HP and 8HP Models). Does not include the four hopper segments attached to top of assembly	1	21	97131	Flangette-Bearing (deep style)	1
2	1900312	Cylinder Shaft (for 4HP Model)	1	22	90075	Screw, Phillips Hd. (Grade 5), 5/16"-18 x 3/4"	9
	1900106	Cylinder Shaft (for 5HP and 8HP Models)	1	23	1900403	Tunnel Service Door (for 4HP Model). Includes Decal (Ref. No. 24)	1
3	90013	Hex Hd. Cap Screw (Grade 5), 3/8"-16 x 2"	2		1900404	Tunnel Service Door (for 5HP and 8HP Models). Includes Decal (Ref. No. 24)	1
4	9807	Locknut (2-way), 3/8"-16	2	24	1900064	Decal: DANGER "Rotating Cutting Blades"	1
5	1166-1	Shim, 1-1/64" I.D., .062" thick . As required		25	1900219	Pivot Rod — Tunnel Service Door (for 4HP Model)	1
	1166-2	Shim, same as above, .030" thick As required			1900155	Pivot Rod — Tunnel Service Door (for 5HP and 8HP Models)	1
	1166-3	Shim, same as above, .015" thick As required		26	92020	Push Nut, 3/8"	2
	1166-5	Shim, same as above, .005" thick As required		27	1900405	Tunnel Segment — Chipper Side (for 4HP Model). Includes Decal (Ref. No. 29)	1
6	97132	Flangette-Bearing	3		1900406	Tunnel Segment — Chipper Side (for 5HP and 8HP Models). Includes Decal (Ref. No. 29)	1
7	97130	Bearing, 1" (with Locking Collar and Set Screw)	2	28	1900407	Tunnel Segment — Engine Side (for 4HP Model). Includes Decal (Ref. No. 29)	1
8	1900420	Locking Collar	2		1900408	Tunnel Segment — Engine Side (for 5HP and 8HP Models). Includes Decal (Ref. No. 29)	1
9	1900421	Screw, Hex Socket, 8-32 UNC x 5/8"	2	29	1900067	Decal: DANGER "Rotating Cutting Blades"	2
10	9848	Whiz Nut, 5/16"-18	15	30	1900063	Decal: DANGER "Rotating Cutting Blades"	1
11	1900085	Washer (heavy), .385"-1.438" x 1.88"	1	31	1900065	Decal: DANGER "Rotating Cutting Blades"	1
12	94022	Washer (disc spring), 3/8"	1	32	1816039	Decal: DANGER "Rotating Chipper Blade"	1
13	90011	Hex Hd. Cap Screw (Grade 5), 3/8"-16 x 3/4"	1	33	1900276	Decal: Tomahawk Logo (For 4HP Model)	1
14	97135	Midwest Conduit Plug, 7/8"	1		1900068	Decal: Super Tomahawk Logo (for 5HP and 8HP Models)	1
15	90077	Carriage Bolt, 5/16"-18 x 3/4" (Grade 5)	6	34	1816037	Decal: DANGER "Rotating Cutting Blades"	1
16	97134	Pulley (lower)	1	35	1900062	Decal: Operating Instructions	1
17	9677	Screw, Hex Socket, 5/16"-18 x 3/8" (See NOTE below)	2				
18	9326	Key, 1/4" x 1/4" x 1 1/4"	1				
19		Cylinder Assembly. For Part Number and Description see Drawing Five (for 4HP Model) or Drawing Six (for 5HP and 8HP Models)					

NOTE: When installing hex socket screw (Ref. No. 17), apply liberal coating of Locktite 242 thread-locking compound to threads of screw.

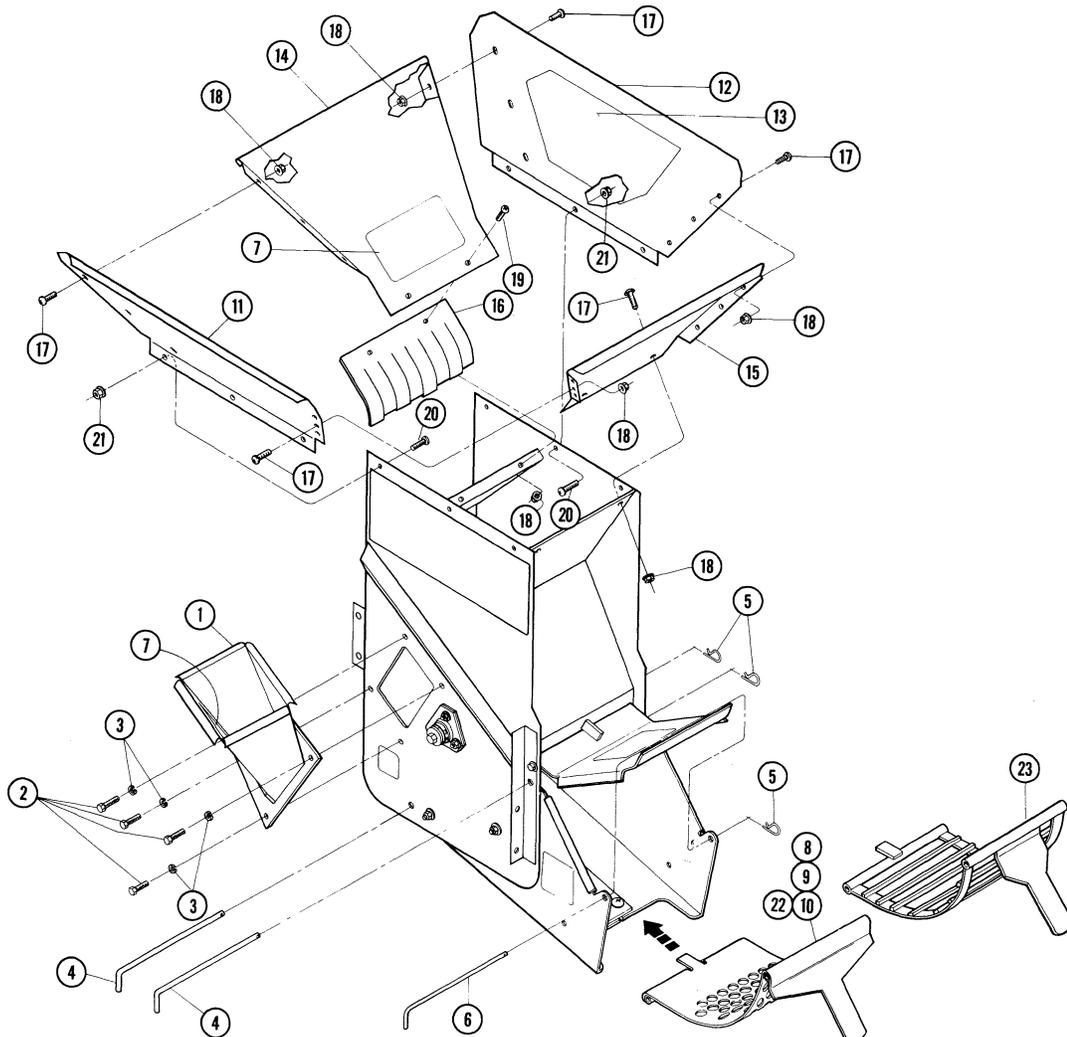
DRAWING TWO

TROY-BILT® TOMAHAWK® Chipper/Shredder

Ref. No.	Part No.	Description	Qty.
1	1900411	Chipper Chute (for 4HP Model). Includes Decal (Ref. No. 7)	1
	1900412	Chipper Chute (for 5HP & 8HP Models). Includes Decal (Ref. No. 7)	1
2	90071	Hex Hd. Screw (+), 5/16"-18 x 5/8"	4
3	9912	Lockwasher, 5/16"	4
4	1900320	Screen Rod (for 4HP Model)	2
	1900170	Screen Rod (for 5HP and 8HP Models)	2
5	97111	Hair Pin (#3)	3
6	1900245	Service Door Rod (for 4HP Model)	1
	1900080	Service Door Rod (for 5HP & 8HP Models)	1
7	1900275	Decal: DANGER "Rotating Cutting Blades" (for use on 4HP Model Chipper Chute only)	1
	1816037	Decal: DANGER "Rotating Cutting Blades": For 4HP Model (used with Ref. No. 14) For 5HP and 8HP Models (used with Ref. No.'s 1 and 14)	2
8	1900321	Discharge Screen, standard 3/4" dia. holes (for 4HP Model)	1
	1900172	Discharge Screen, standard 3/4" dia. holes (for 5HP and 8HP Models)	1
9	11531K	Discharge Screen, optional 3/8" dia. holes (for 4HP Model)	1
	11529K	Discharge Screen, optional 3/8" dia. holes (for 5HP and 8HP Models)	1
10	11532K	Discharge Screen, optional 1" dia. holes (for 4HP Model)	1
	11530K	Discharge Screen, optional 1" dia. holes (for 5HP and 8HP Models)	1

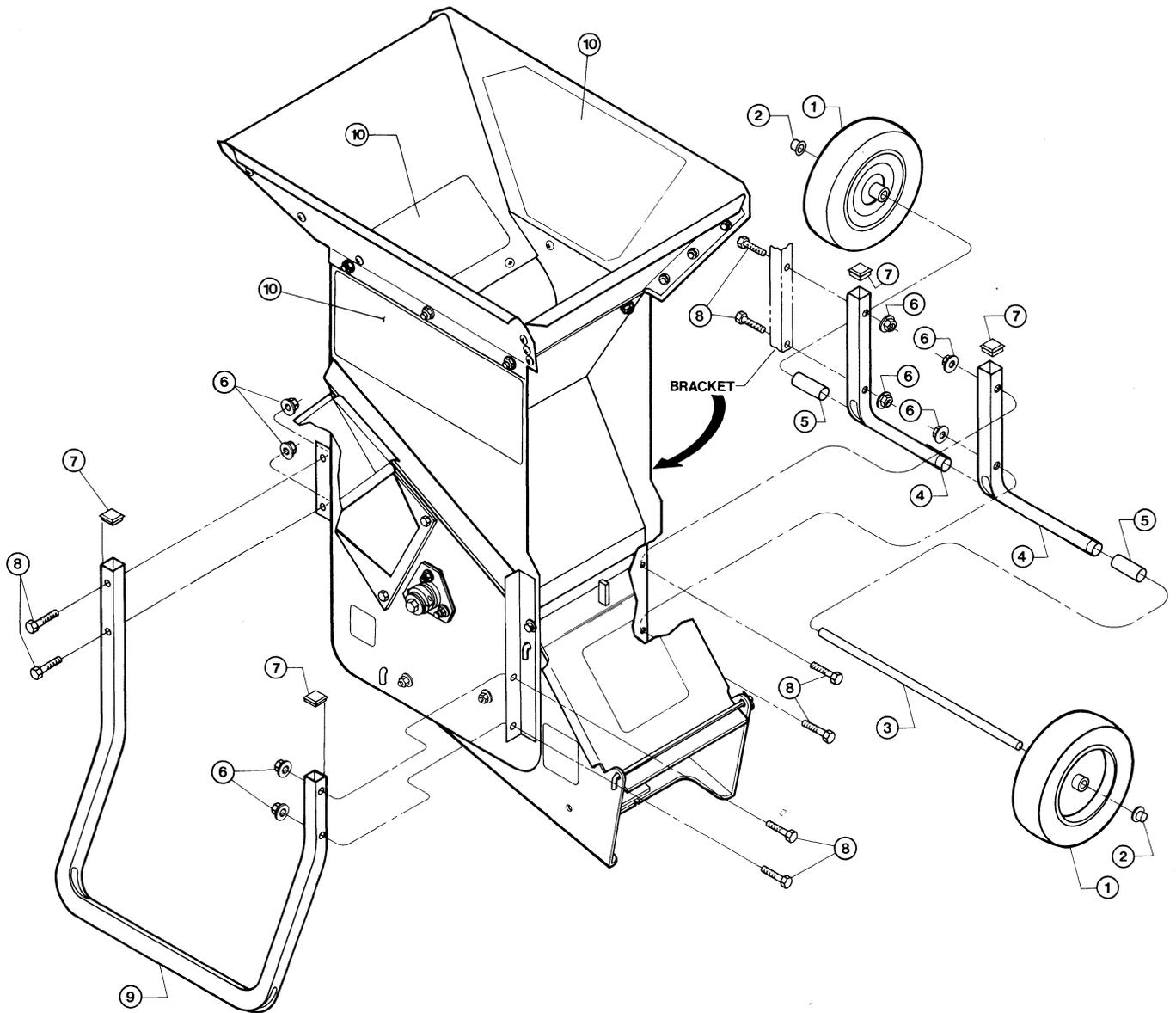
Ref. No.	Part No.	Description	Qty.
11	1900160010	Hopper Segment — Chipper Side	1
12	1900413	Hopper Segment — Engine Side. Includes Decal (Ref. No. 13)	1
13	1900062	Decal: Operating Instructions	1
14	1900414	Hopper Segment — Left Side (for 4HP Model). Includes Decal (Ref. No. 7)	1
	1900415	Hopper Segment — Left Side (for 5HP & 8HP Models). Incl. Decal (Ref. No. 7)	1
15	1900244010	Hopper Segment — Right Side (for 4HP Model)	1
	1900157010	Hopper Segment — Right Side (for 5HP and 8HP Models)	1
16	1900331	Retainer Flap (for 4HP Model)	1
	1900079	Retainer Flap (for 5HP and 8HP Models)	1
17	90074	Screw, Phillips Hd. (+), 1/4"-20 x 1/2"	14
18	9844	Whiz Nut, 1/4"-20	16
19	90076	Screw, Phillips Hd. (+), 1/4"-20 x 3/4"	2
20	90075	Screw, Phillips Hd. (+), 5/16"-18 x 3/4"	6
21	9848	Whiz Nut, 5/16"-18	6
22	11573K	Discharge Screen, optional, 1 3/4" dia. holes, for 4HP Model	1
	11574K	Same as above, but for 5HP & 8HP Models	1
23	11575K	Bar Grate, optional, for 4HP Model	1
	11576K	Same as above, but for 5HP & 8HP Models	1

(+) Denotes Grade 5 specification



Ref. No.	Part No.	Description	Qty.
1	11592	Tire/Wheel Assembly, gray	As Req'd.
2	92021	Push Nut, 5/8"	2
3	1900053	Axle	1
4	1900046	Axle Bracket Assembly	2
5	1900132	Axle Spacer	2
6	9848	Whiz Nut, 5/16"-18	8
7	97136	Plastic Plug	4

Ref. No.	Part No.	Description	Qty.
8	9466	Hex Hd. Cap Screw (Grade 5), 5/16"-18 x 1 1/2"	8
9	1900182	Front Stand	1
10		Decals: See Drawings One and Two for Part Numbers and Descriptions	1
...	5003	Safety Goggles, soft-sided, universal fit	1

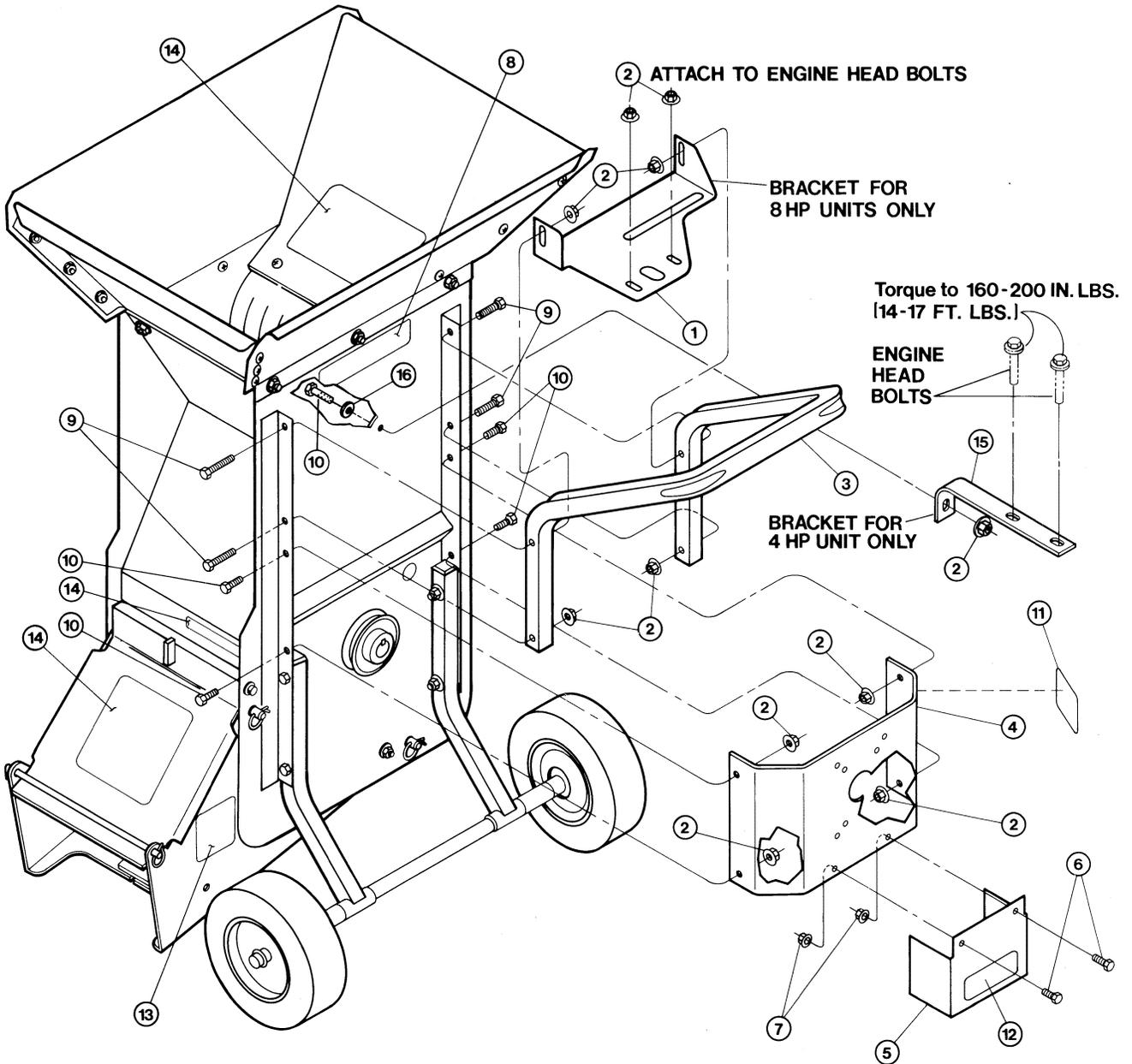


DRAWING FOUR

TROY-BILT® TOMAHAWK® Chipper/Shredder

Ref. No.	Part No.	Description	Qty.
1	1900217010	Guide Plate (for 8HP Model only)	1
2	9848	Whiz Nut, 5/16"-18: For 4HP Model	9
		For 5HP Model	8
		For 8HP Model	10
3	1900179	Handle	1
4	1900387	Engine Mounting Plate with decal (Ref. No. 11)	1
5	1900417	Belt Guard with decal (Ref. No. 12)	1
6	90069	Hex Hd. Cap Screw (Grade 5), 5/16"-18 x 3/4"	2
7	9844	Whiz Nut, 1/4"-20	2
8	1900066	Decal: WARNING "Avoid Fire Hazard"	1
9	90009	Hex Hd. Cap Screw (Grade 5), 5/16"-18 x 1 3/4"	4

Ref. No.	Part No.	Description	Qty.
10	90008	Hex Hd. Cap Screw (Grade 5), 5/16"-18 x 1: For 4HP Model	5
		For 5HP and 8HP Models	4
11	1900189	Decal: DANGER "Rotating Cutter Blades Slow Gradually"	1
12	60074	Decal: WARNING "Secure Belt Cover"	1
13	1900067	Decal: DANGER "Rotating Cutting Blades"	1
14		Decals: See Drawings One and Two for Part Numbers and Descriptions	
15	1900325010	Engine Brace (for 4HP Model)	1
16	9902	Washer, flat, 5/16" (for 4HP Model)	1

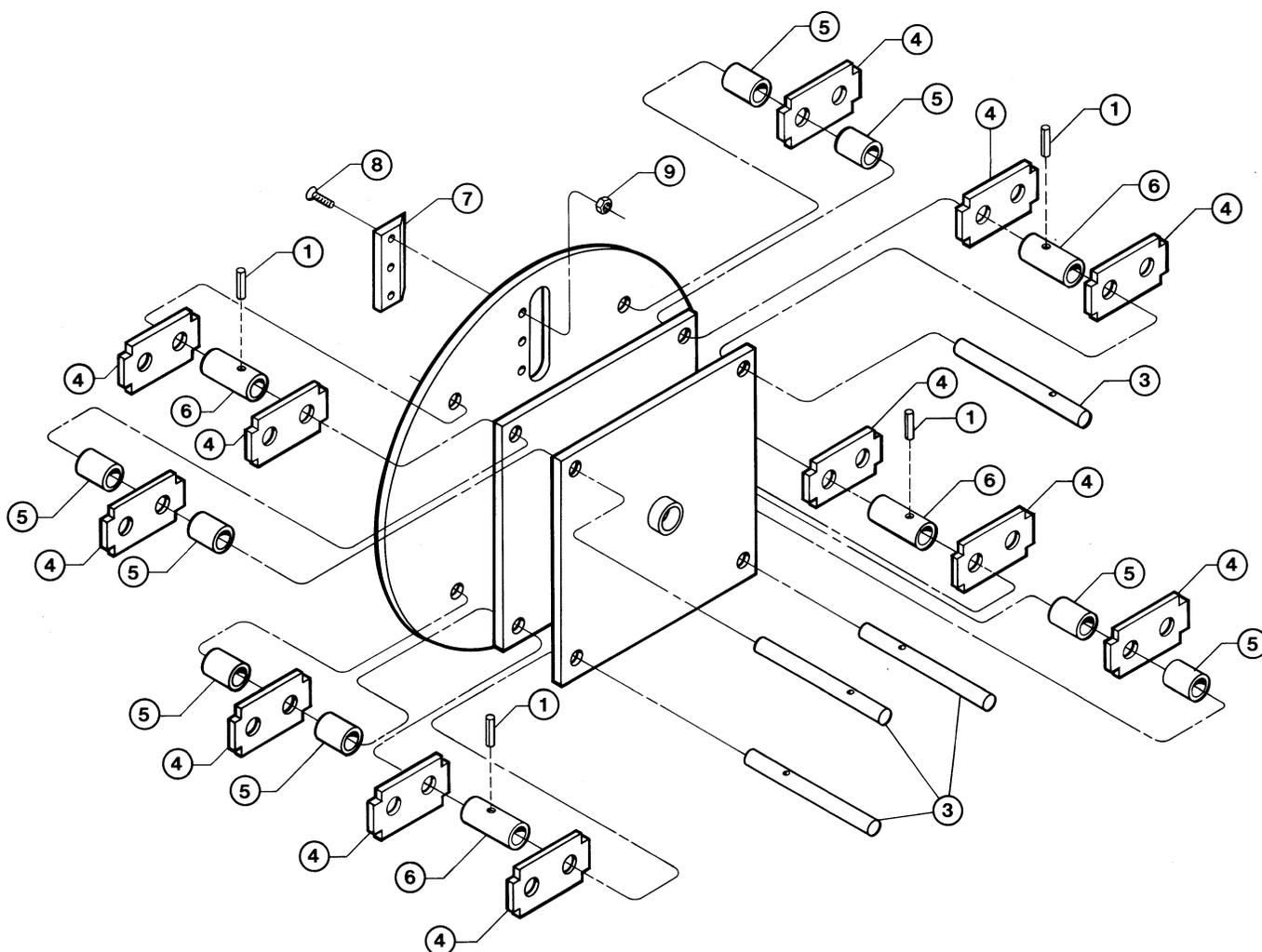


Cylinder Assembly — 4HP Model Only

Ref. No.	Part No.	Description	Qty.
1	97129	Roll Pin, 3/16" x 3/4" (See NOTE below) ..	4
2		This Ref. No. not used	
3	1900309	Cylinder Pin (1 hole)	4
4	1900102	Cylinder Hammer	12
5	1900388	Spacer (short)	8
6	1900310	Spacer (long, with roll pin hole)	4

Ref. No.	Part No.	Description	Qty.
7	1900104	Chipper Blade	1
8	9592	Flat Hd. Screw (Allen Hd.), 1/4"-20 x 1" ..	3
9	03207	Locknut (Nylon), 1/4"-20	3
...	1900419	Cylinder Assembly (Complete). Includes Ref. No.'s 1 through 9 listed above	1

NOTE: When installing roll pin, apply liberal coating of Locktite 242 thread-locking compound to roll pin.



Cylinder Assembly — 4HP Model Only

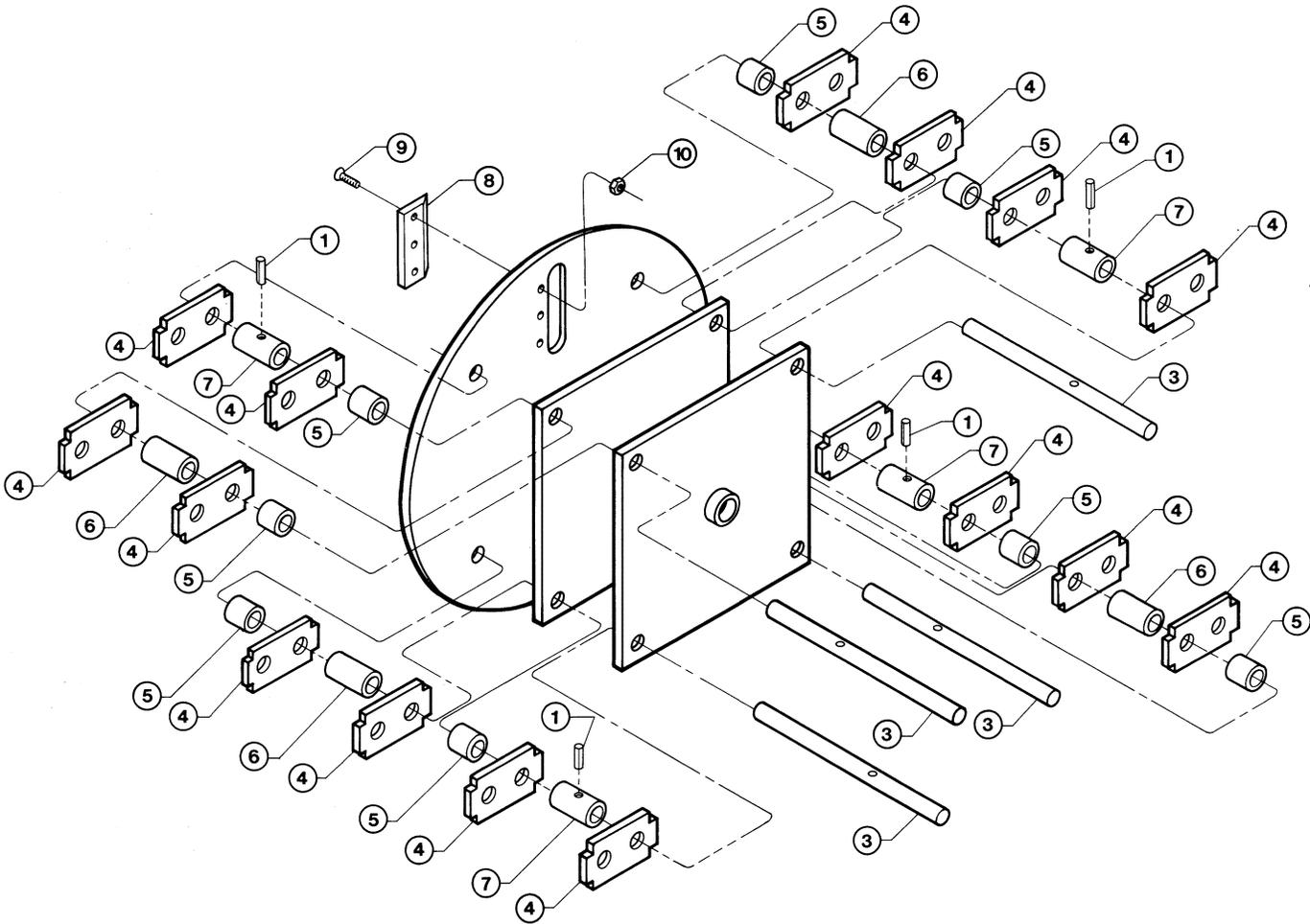
DRAWING SIX

Model 15014
TROY-BILT® TOMAHAWK® Chipper/Shredder

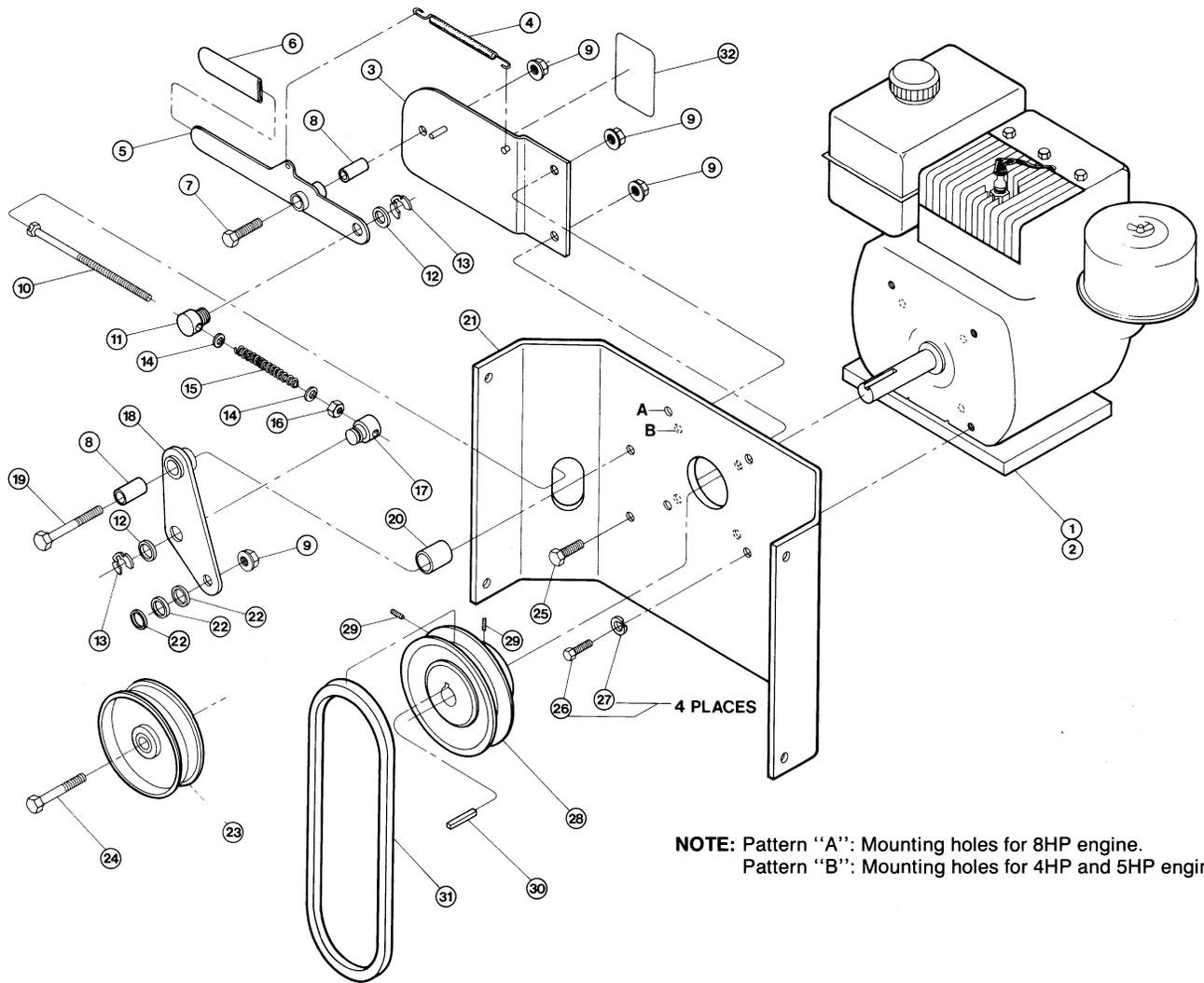
Cylinder Assembly — 5HP & 8HP Models Only

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	97129	Roll Pin, 3/16" x 3/4" (See NOTE below) ..	4	7	1900092	Spacer (long, with roll pin hole)	4
2		This Ref. No. not used		8	1900104	Chipper Blade	1
3	1900087	Cylinder Pin (1 hole)	4	9	9592	Flat Hd. Screw (Allen Hd.), 1/4"-20 x 1" ..	3
4	1900102	Cylinder Hammer	16	10	03207	Locknut (Nylon), 1/4"-20	3
5	1900091	Spacer (short)	8	...	1900086	Cylinder Assembly (Complete). Includes Ref. No.'s 1 through 10 listed above ..	1
6	1900090	Spacer (long)	4				

NOTE: When installing roll pin, apply liberal coating of Loctite 242 thread-locking compound to roll pin.



Cylinder Assembly — 5HP & 8HP Models Only



NOTE: Pattern "A": Mounting holes for 8HP engine.
 Pattern "B": Mounting holes for 4HP and 5HP engines.

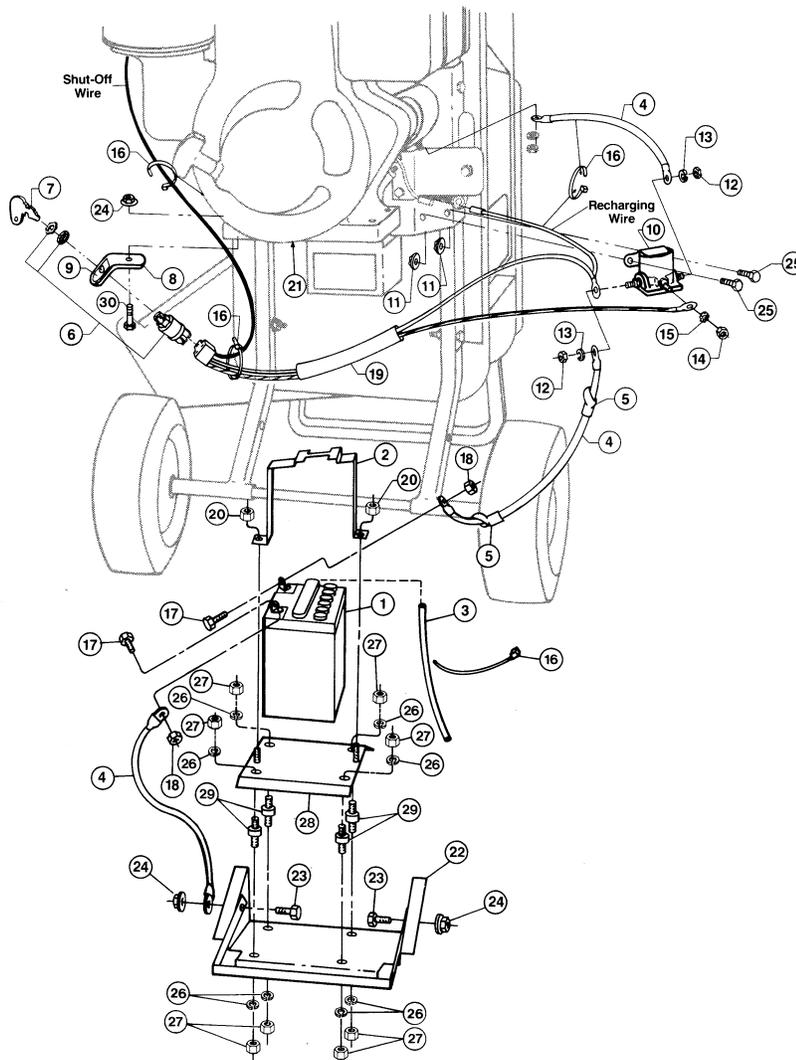
Ref. No.	Part No.	Description	Qty.
1		4HP Tecumseh Engine (available in standard and electric start). See Note 1.	1
1A		5HP Tecumseh Engine (available in standard and electric start). See Note 1.	1
2		8HP Briggs & Stratton Engine (available in standard, electric start and electric start I/C versions). See Note 2.	1
3	1900418	Pivot Mounting Plate	1
4	97138	Spring (extension)	1
5	1900332	Clutch Lever	1
6	1900202	Vinyl Grip	1
7	90029	Hex Hd. Cap Screw (Grade 5), 3/8"-16 x 1-1/4"	1
8	9060	Bushing	2
9	9831	Whiz Nut, 3/8"-16	4
10	1900195	Tension Screw	1
11	20504	Pivot (lower)	1
12	20546	Washer (pivot)	2
13	9532	Retaining Ring	2
14	20554	Washer	2
15	97137	Spring (compression)	1
16	9811	Locknut (Nylon), 1/4"-20	1

Ref. No.	Part No.	Description	Qty.
17	20505	Pivot (upper)	1
18	1900190	Idler Pivot Assembly	1
19	90072	Hex Hd. Cap Screw (Grade 5), 3/8"-16 x 2-1/4"	1
20	1900194	Spacer	1
21	1900387	Engine Mounting Plate with Decal (Ref. No. 32)	1
22	20553	Bushing	3
23	97143	Idler Pulley	1
24	90013	Hex Hd. Cap Screw (Grade 5), 3/8"-16 x 2"	1
25	90073	Hex Hd. Cap Screw (Grade 5), 3/8"-16 x 7/8"	1
26	9655	Hex Hd. Cap Screw (Grade 5), 5/16"-24 x 3/4"	4
27	9912	Lockwasher (spring), 5/16"	4
28	97134	Pulley	1
29	9677	Screw, Hex Socket, 5/16"-18 x 3/8" (See NOTE 3 below)	2
30	9326	Key, 1/4" sq. x 1-1/4" lg.	1
31	97133	Belt	1
32	1900188	DECAL: Clutch Lever Operating Instructions	1

NOTE 1: Engine warranty service and repair parts are available from your local authorized Tecumseh Engine dealer.

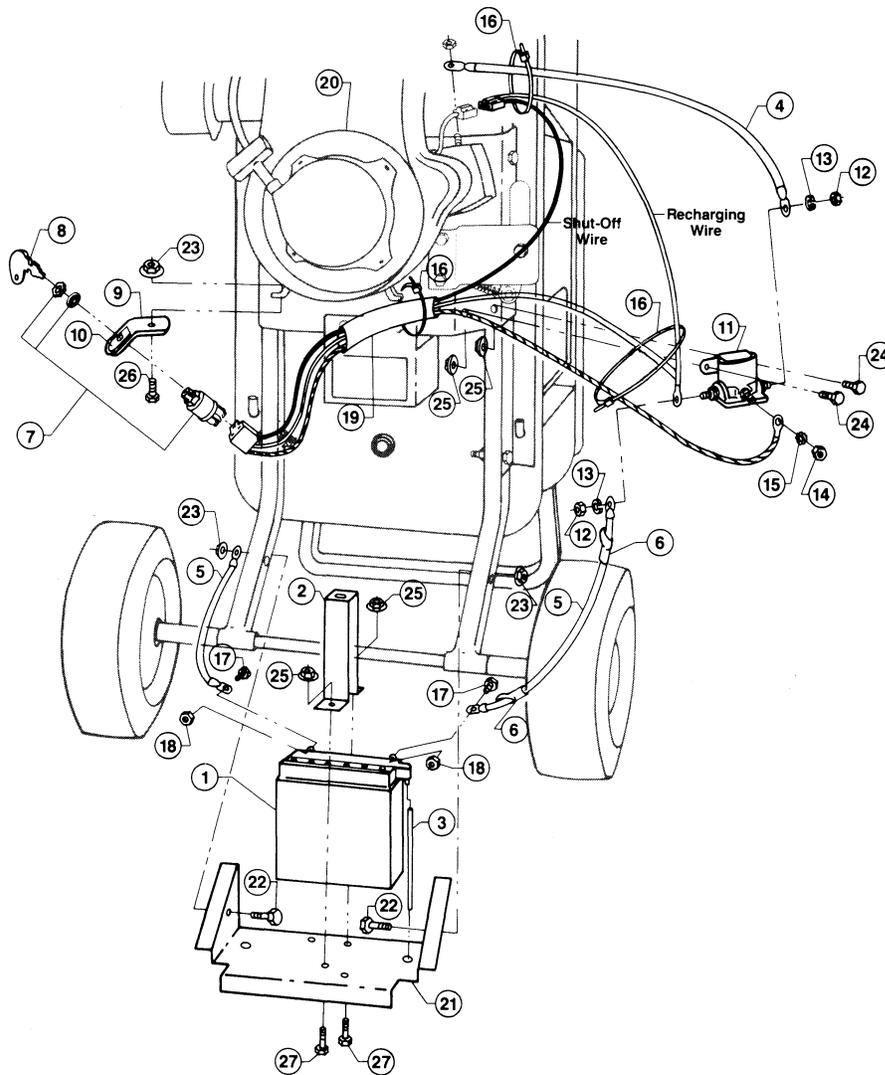
NOTE 2: Engine warranty service and repair parts are available from your local authorized Briggs & Stratton Engine dealer.

NOTE 3: When installing hex socket screw (Ref. No. 29), apply liberal coating of Locktite 242 thread-locking compound to threads of screw.



The 8HP Briggs & Stratton Electric Start System

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	9092B	Battery — 12 volt, 6 cell (vent tube included)	1	17	9780	Bolt — hex flanged lock, 1/4"-20 x 5/8", connects battery cables to battery posts	2
2	2463	Battery Clamp	1	18	9800	Nut — hex, 1/4"-20	2
3	9009	Vent Tube	1	19	1900205	Wire Harness & Connecting Terminal Assembly	1
4	1900287	Cable — to battery posts and to starter motor	3	20	9811	Nut — hex, locking 1/4"-20	2
5	9255	Rubber Boot — terminal insulating	2	21	—	Engine — Briggs & Stratton, electric start model, 8 HP	1
6	9230	Keyswitch — ignition (pair of keys included)	1	22	1900206010	Platform (Carrier) — for battery	1
7	9243	Key — ignition (pair included)	1	23	90009	Bolt — hex head, 5/16"-18 x 1 3/4"	2
8	1900398	Keyswitch Plate — with #10732 decal	1	24	9848	Nut — self-locking (whiz style), 5/16"-18	3
9	10732	Decal	1	25	9701	Bolt — hex head, 1/4"-20 x 3/4" (solenoid mounting)	2
10	1959	Solenoid — includes nuts and washers for cable and wire connections	1	26	9910	Lockwasher — 1/4"	8
11	9844	Nut — self-locking (whiz style), 1/4"-20	2	27	9800	Nut — hex, 1/4"-20	8
12	9826	Nut — hex, 5/16"-24	2	28	1900211010	Battery Mounting Plate	1
13	9912	Lockwasher — 5/16"	2	29	1900146	Iso Mounts	4
14	9809	Nut — hex, #10-32	1	30	9466	Bolt — hex head, 5/16"-18 x 1 1/2"	1
15	9921	Lockwasher — external tooth, #10	1				
16	9266	Tie — plastic, wire retaining	4				



The 4HP and 5HP Tecumseh Electric Start System

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	9234	Battery — 12 volt	1	18		Nut — hex, metric size 6mm-1mm (not available from Garden Way); for replacement, order #9800 Nut 1/4"-20	2
2	20758	Battery Clamp	1	19	1900335	Wire Harness & Connecting Terminal Assembly	1
3	9247	Vent Tube	1	20		Engine — Tecumseh, electric start model, 4HP and 5 HP	1
4	1900287	Cable — starter motor	1	21	1900207010	Platform (Carrier) — for battery	1
5	1900287	Cable — positive and negative battery posts	2	22	9466	Bolt — hex head, 5/16"-18 x 1 1/2"	2
6	9255	Rubber Boot — terminal insulating	2	23	9848	Nut — self-locking (whiz style), 5/16"-18	3
7	9230	Keyswitch — ignition (pair of keys included)	1	24	9701	Bolt — hex head, 1/4"-20 x 3/4" (solenoid mounting)	2
8	9243	Key — ignition (pair included)	1	25	9811	Nut — Locknut (nylon), 1/4"-20	4
9	1900398	Keyswitch Plate — with #10732 decal	1	26	9703	Bolt — hex head, 5/16"-18 x 3/4" (keyswitch mount 5 HP model only)	1
10	10732	Decal — on keyswitch plate	1		9574	Bolt — hex head, 5/16"-18 x 1 1/4" (keyswitch mount 4 HP model only)	1
11	1959	Solenoid — includes nuts and washers for cable and wire connections	1	27	9734	Bolt — hex head, 1/4"-20 x 1"	2
12	9826	Nut — hex, 5/16"-24	2				
13	9912	Lockwasher — 5/16"	2				
14	9809	Nut — hex, #10-32	1				
15	9921	Lockwasher — external tooth, #10	1				
16	9266	Tie — plastic, wire retaining	3				
17		Bolt — hex head, metric size 6mm-1mm x 12mm (not available from Garden Way); for replacement, order #9775	2				
		Bolt 1/4"-20 x 1/2"	2				

REPLACEMENT DECALS

Part No.	See Drawing No.	Description	Qty.
1816037	1 and 2	DANGER: Rotating Cutting Blades (two used on 5HP & 8HP Models; one used on 4HP Models)	1
1816039	1	DANGER: Rotating Chipper Blade	1
1900188	7	Clutch Lever Operating Instructions	1
1900189	4	DANGER: Blades Slow Gradually	1
1900275	2	DANGER: Rotating Cutting Blades (for 4HP Model Chipper Chute Only)	1
1900276	1	Tomahawk Logo (for 4HP Model)	1
1900068	1	Super Tomahawk Logo (for 5HP and 8HP Models)	1
1900062	1 and 2	Operating Instructions	1
1900063	1	DANGER: Rotating Cutting Blades	1
1900064	1	DANGER: Rotating Cutting Blades	1
1900065	1	DANGER: Rotating Cutting Blades	1
1900066	4	WARNING: Avoid Fire Hazard	1
1900067	1 and 4	DANGER: Rotating Cutting Blades	2
10732 (1/86)	8 and 9	Keyswitch Decal (Electric Start Models Only)	1
60074 (3/86)	4	WARNING: Install Belt Cover	1

HOW TO FIND A PART

In this catalog, the Chipper/Shredder models are shown in various assembly groupings such as the Hopper-Assembly, Cylinder Assembly, Drive Shaft Assembly, etc. To find a part, locate the drawings for your particular model, then glance through the drawings to find the general location of the part in which you're interested. Specific parts information can then easily be found. Please note that some parts appear in more than one Figure because they are used in more than one assembly.

Each part or assembly shown in a Figure is identified by a "Ref. No." This Ref. No. also appears

in the first column of the parts list that accompanies the Figure. The second column of the list shows the Part No. given to that particular part. **Use this Part No. to order the part.** If a sub-assembly or assembly has no Part No., that assembly is sold only as separate unassembled items.

Under the "Description" of that part, the first words show the name of the part or assembly. Additional descriptive information is often given to identify the location or function of the part.

The fourth column shows how many of each part is used in the Figure.

HOW TO ORDER PARTS

Parts for your Chipper/Shredder may be ordered from your local servicing dealer or directly from the factory. When ordering parts the following information is required:

1. The SERIAL NUMBER of your Chipper/Shredder.
2. The PART NUMBER (not the REF. NO.) of the part.
3. The PART DESCRIPTION.
4. The QUANTITY needed.

OPTIONS AVAILABLE FOR THE CHIPPER/SHREDDER
The following options are available for your Chipper/Shredder: a Discharge Collection Bag, a Tow Bar, a Protective Cover, and two different Discharge Screens. Please contact us for further information.

PLEASE NOTE

Some replacement parts that you receive may vary slightly in shape, color, or texture from the original parts. This is because certain parts are supplied to us by more than one manufacturer. Please be assured, however, that all parts must conform to our rigid quality specifications, and any slight variations will not affect the fit or performance of these parts.

Troy-Bilt Manufacturing Co., 102nd Street & 9th Ave., Troy, NY 12180
Call Toll-Free 1-800-833-6990

Garden Way Canada, Inc., 1515 Matheson Blvd., Unit B11, Mississauga, Ontario L4W 2P5
Local calls only (416 Area Code): 624-8423 • From Ontario and Quebec Provinces call Toll-Free: 1-800-387-3351
From Western Canada & Maritime Provinces call Toll-Free: 1-800-387-3316

