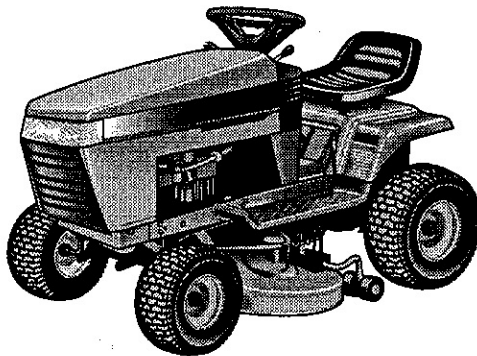


Attachments & Accessories

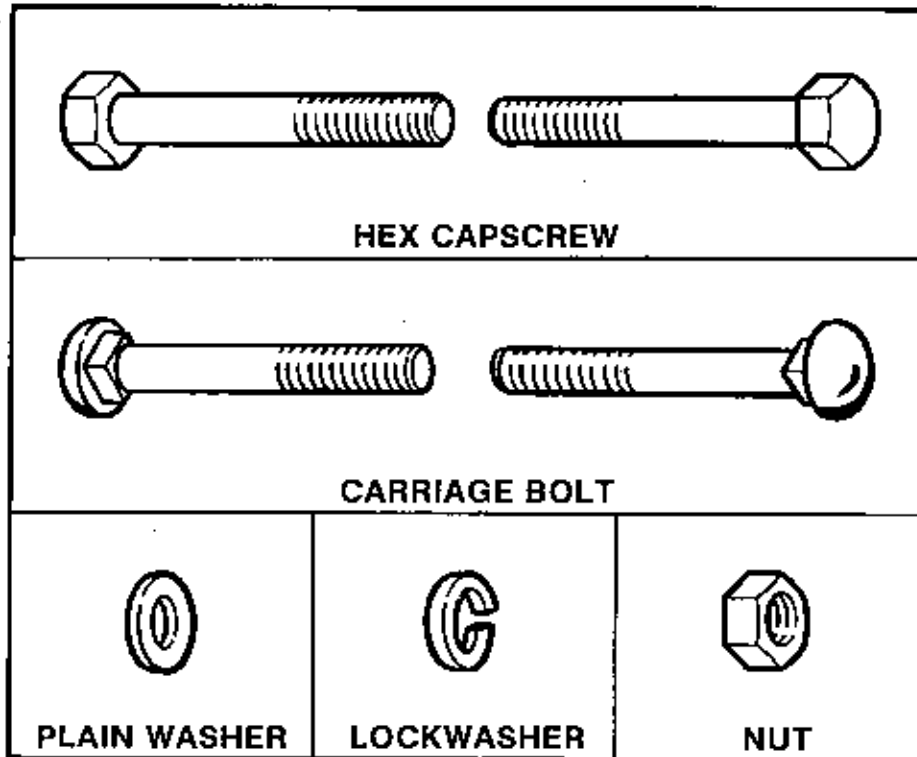
**500
600
800
1800
SERIES**

**Includes
Deutz-Allis
Models**



PARTS MANUAL

AGCO ALLIS



STANDARD FASTENER IDENTIFICATION CHART

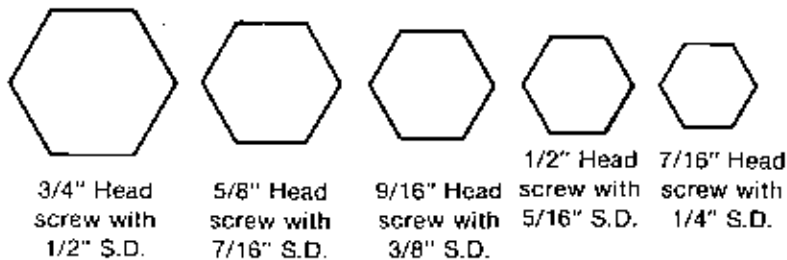
Hardware sizes are given in the illustrations throughout this manual.

If a washer or nut is identified as "washer, 1/2" or "nut, 1/2", this means the inside diameter is 1/2 inch.

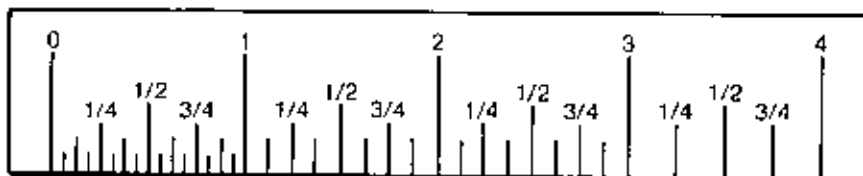
If a screw is identified as "screw, 1/2 x 2", this means the shaft diameter is 1/2 inch and the shaft of the screw is 2 inches long. If a screw is identified as "screw, 1/2-16 x 2", the number "16" means that the screw has 16 threads per inch.

HEX CAPSCREW IDENTIFICATION

Shown below are actual size hex heads for standard screw sizes. Example: a 1/4" screw has a 7/16" head and thus requires a 7/16" wrench. To measure length, use the scale below.



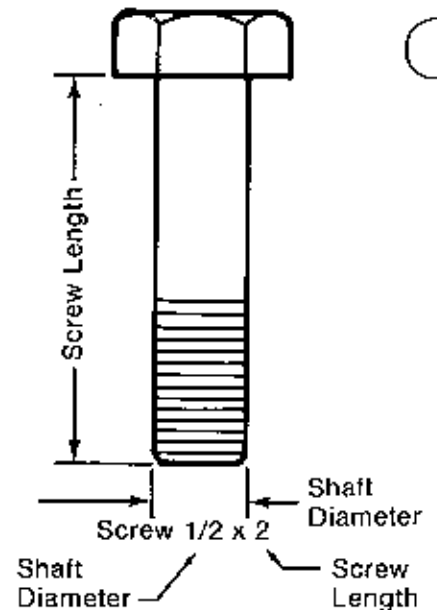
S.D. = Shaft Diameter



WASHER AND NUT IDENTIFICATION

Place the washer or nut on the above scale to determine the inside diameter. The actual inside diameter can vary 1/16 inch. Use the scale for comparison.

SAMPLE: SCREW IDENTIFICATION



SAMPLE: NUT IDENTIFICATION

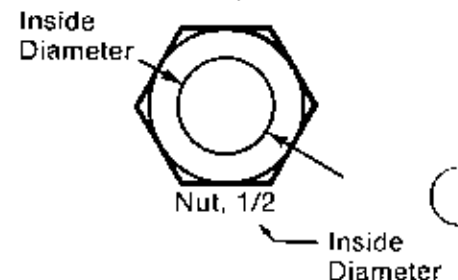


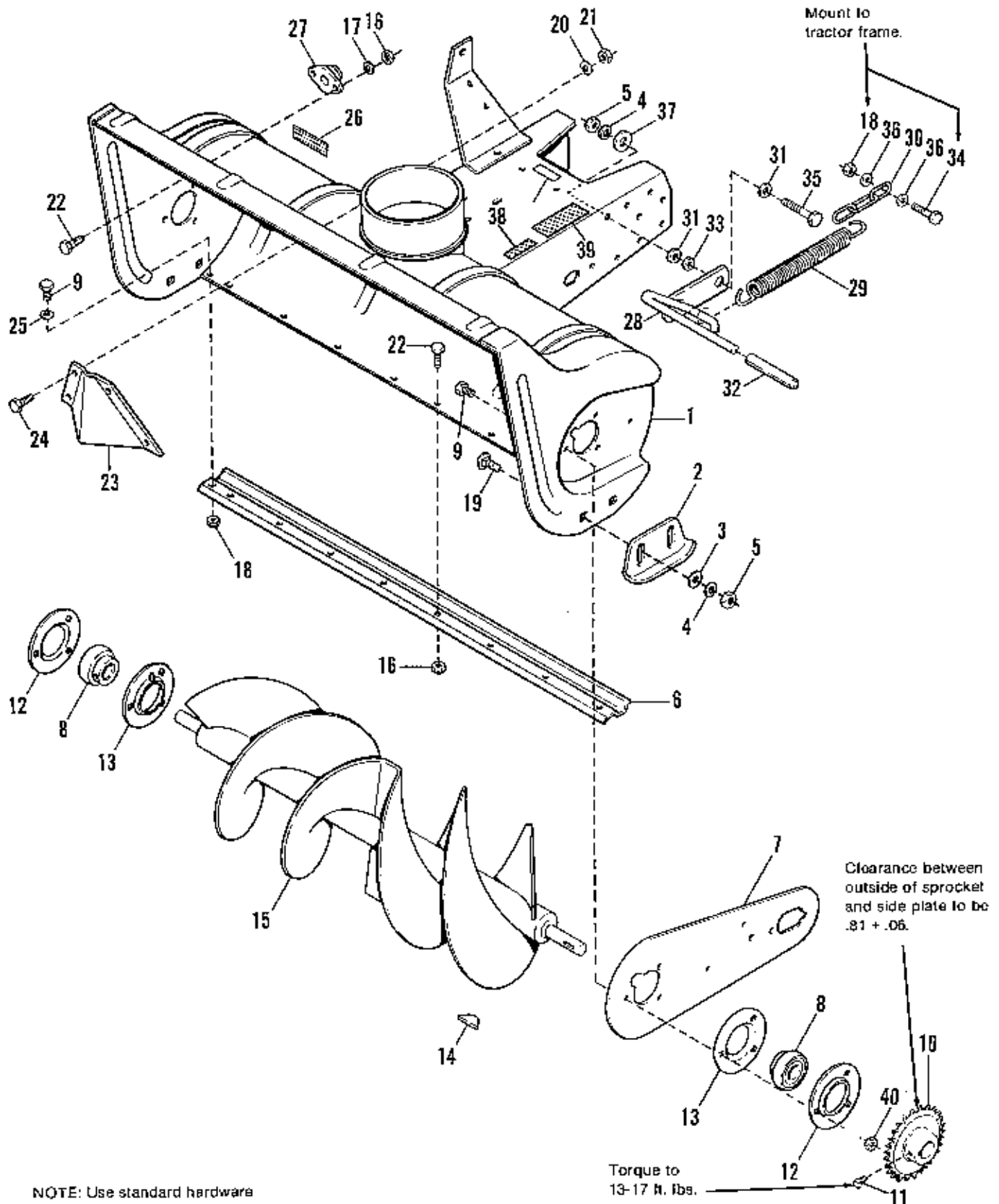
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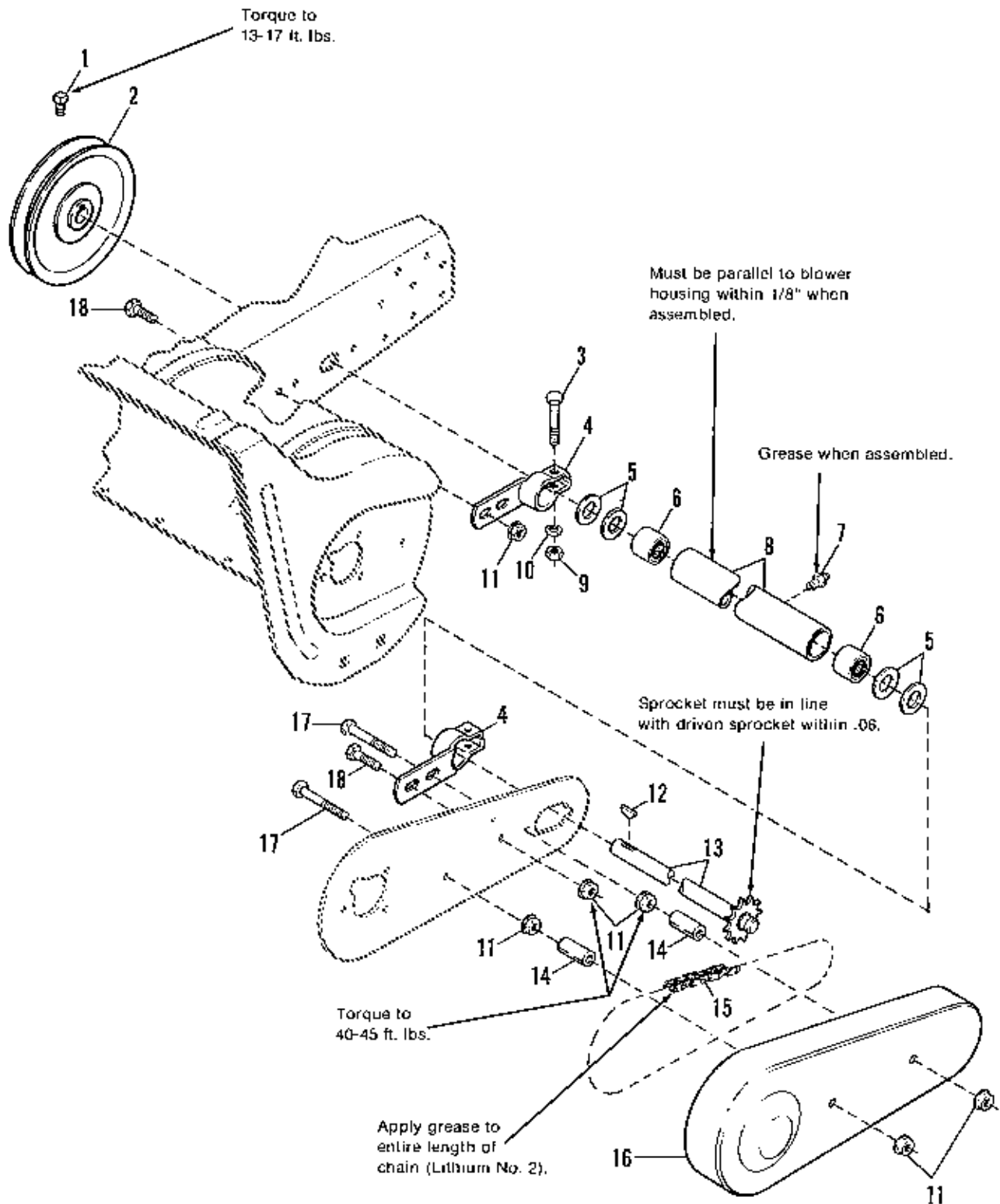
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	STANDARD HARDWARE SPECIFICATIONS	INSIDE BACK COVER

NOTE: Attachments & accessories listed in this manual do not fit all models. Consult your dealer Service Information Manual to find the correct attachment/accessory designed for a specific model.



36" & 42" Body & Rotor Group

Ref. No.	Part No.	Qty.	Description
1	1666155	1	BODY & FRAME ASSY. (1691521 only)
	1666623	1	BODY & FRAME ASSY. (1691522 only)
2	177434	2	SKID
3	1924940	4	WASHER, Plain, 3/8
4	1916965	5	LOCKWASHER, 3/8
5	1916950	5	NUT, Hex, Full, 3/8-16
6	106683	1	SCRAPER, Body (1691521 only)
	106746	1	SCRAPER, Body (1691522 only)
7	1676632	1	PLATE, Side
8	173934	2	BEARING, Cartridge
9	1921332	8	CAPSCREW, Hex, 5/16-18 x 3/4
10	106653	1	SPROCKET, Rotor
11	1928721	1	SETSCREW, 5/16-18 x 3/4
12	172278	2	FLANGE, Bearing
13	172279	2	FLANGE, Bearing
14	151040	1	KEY
15	106856	1	ROTOR ASSY. (1691521 only)
	106748	1	ROTOR ASSY. (1691522 only)
16	1923358	9	NUT, Hex, Full 1/4-20 (Qty. 10 on 1691522)
17	1916964	2	LOCKWASHER, 1/4
18	1923362	3	LOCKNUT, Hex, 5/16-18
19	192210	4	CARRIAGE BOLT, 3/8-16 x 3/4
20	1917356	4	LOCKWASHER, 5/16
21	1917372	4	NUT, Hex, Full, 5/16-18
22	1921959	9	CAPSCREW, Hex, 1/4-20 x 5/8 (Qty. 10 on 1691522)
23	106774	1	DEFLECTOR
24	1925205	4	CAPSCREW, Hex, 5/16-18 x 5/8
25	1919326	2	WASHER, Plain, 1/4
26	1679206	1	DECAL, Safety
27	171388	1	BEARING
28	1701917	1	LEVER ASSY.
29	1675232	1	SPRING
30	1656835	1	LINK
31	1924356	2	WASHER
32	176934	1	GRIP
33	108717	1	SPACER
34	1921977	1	CAPSCREW, 5/16-18 X 1-1/4
35	1921969	1	CAPSCREW, Hex, 3/8-16 x 1-1/2
36	1919381	2	WASHER, Plain, 5/16
37	1922755	1	WASHER
38		1	I.D. PLATE
39	1701940	1	DECAL, Caution
40	1935048	6	NUT, Hex, Flange Lock, 5/16-18

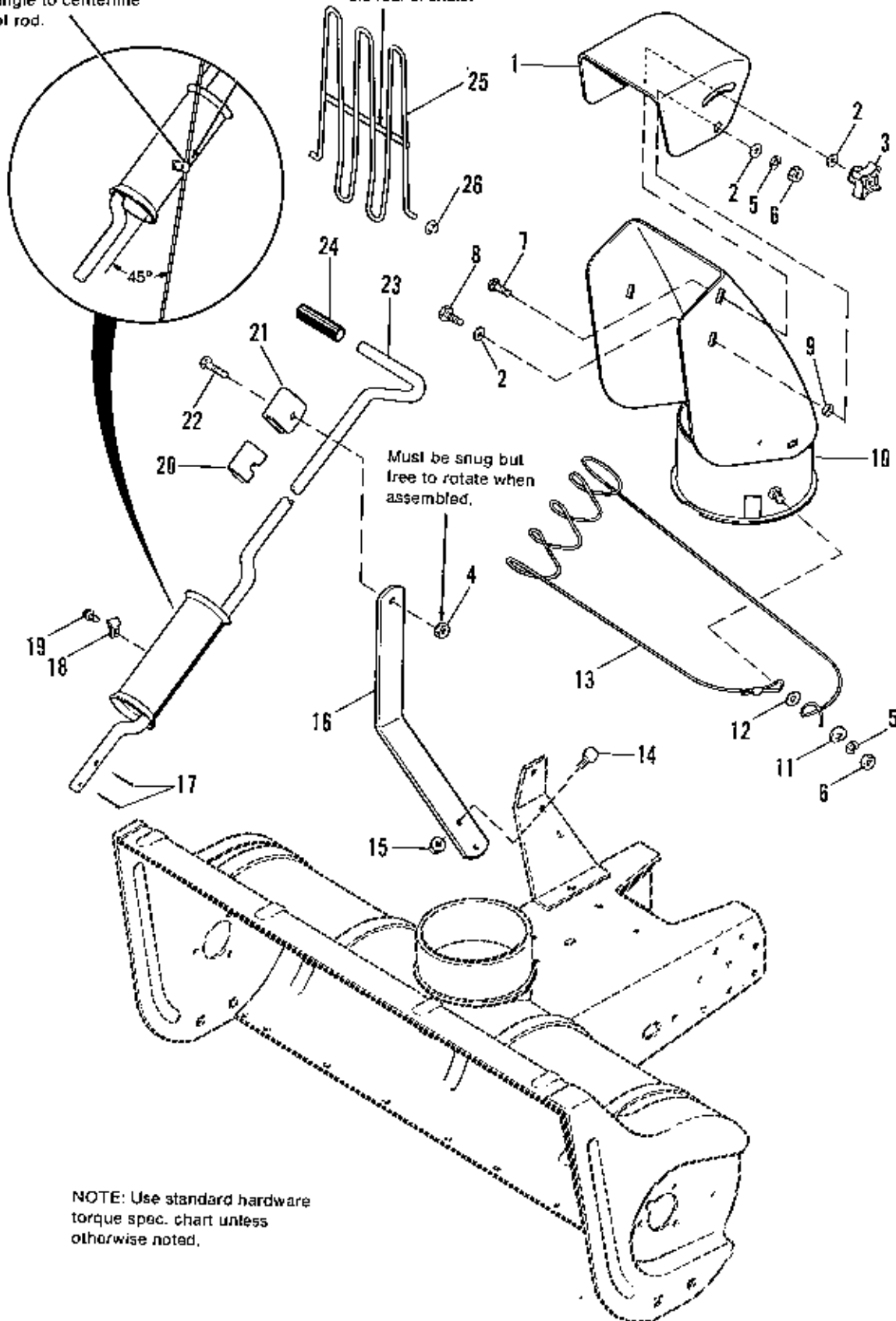


36" & 42" Drive Group

Ref. No.	Part No.	Qty.	Description
1	1928721	1	SETSCREW, 5/16-18 X 1/2
2	171248	1	PULLEY
3	1922127	2	CAPSCREW, Hex, 5/16-18 x 1-3/4
4	1666145	2	CLAMP
5	8061012	4	WASHER
6	154258	2	BEARING, Needle
7	921133	1	FITTING, Grease
8	1651084	1	HOUSING ASSY., w/Bearings (1691521 only) (Incl. Ref. No. 6)
	1650955	1	HOUSING ASSY., w/Bearings (1691522 only) (Incl. Ref. No. 6)
9	1917372	2	NUT, Hex, Full, 5/16-18
10	1917356	2	LOCKWASHER, 5/16
11	1928352	7	LOCKNUT, Flange, 5/16-18
12	905123	1	KEY
13	106860	1	SHAFT ASSY., (1691521 only)
	106757	1	SHAFT ASSY., (1691522 only)
14	1669105	2	SPACER
15	171242	1	CHAIN (Auger Drive)
16	1676738	1	GUARD, Chain
17	1960244	2	SCREW, Hex, Whizlock, 3/8-16 x 2-3/4
18	1934654	3	SCREW, Hex, Whizlock, 3/8-16 x 1

Install clip
at approx. a 45°
angle to centerline
of rod.

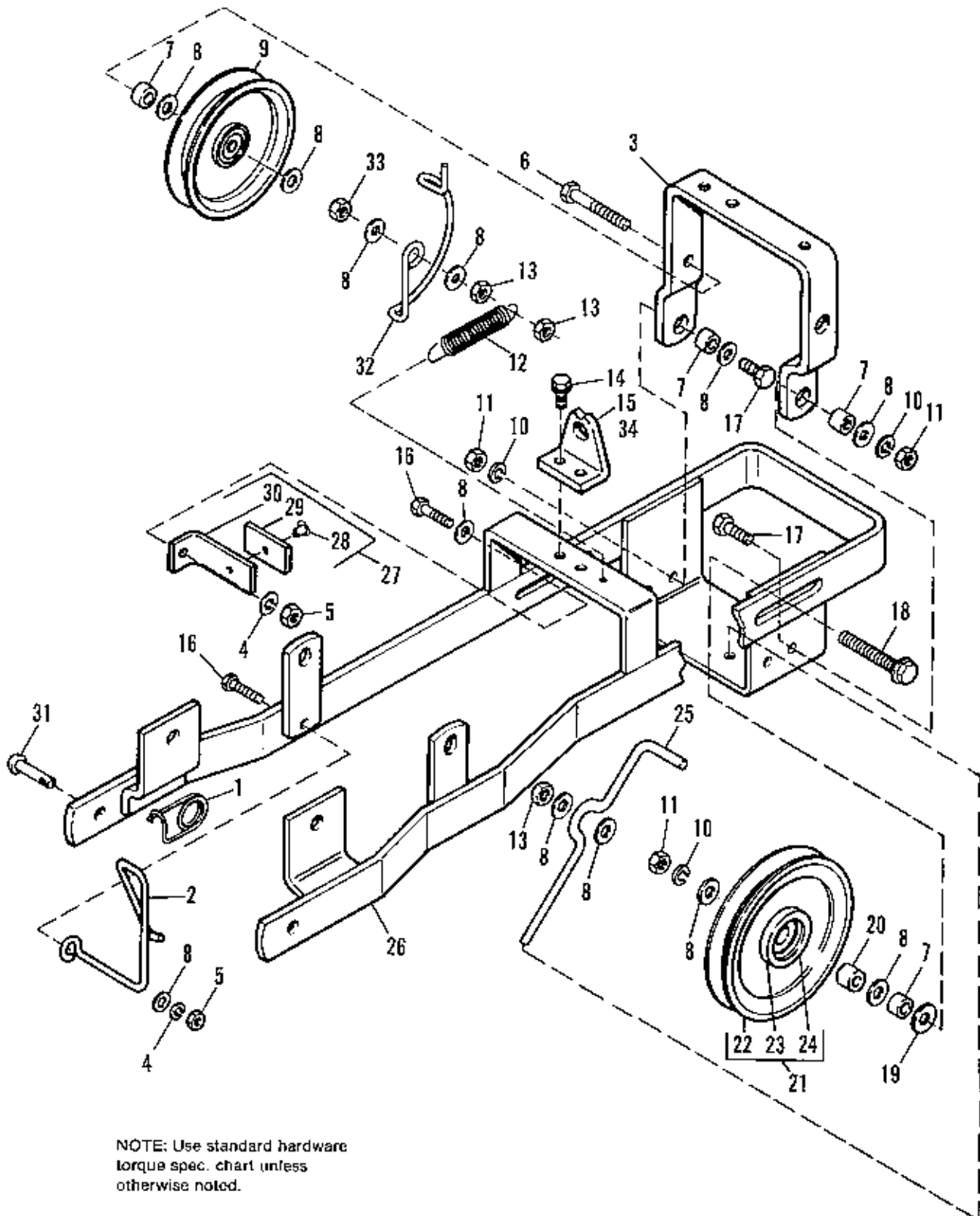
Weld wire must be to the rear of chute.



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

36" & 42" Spout Group

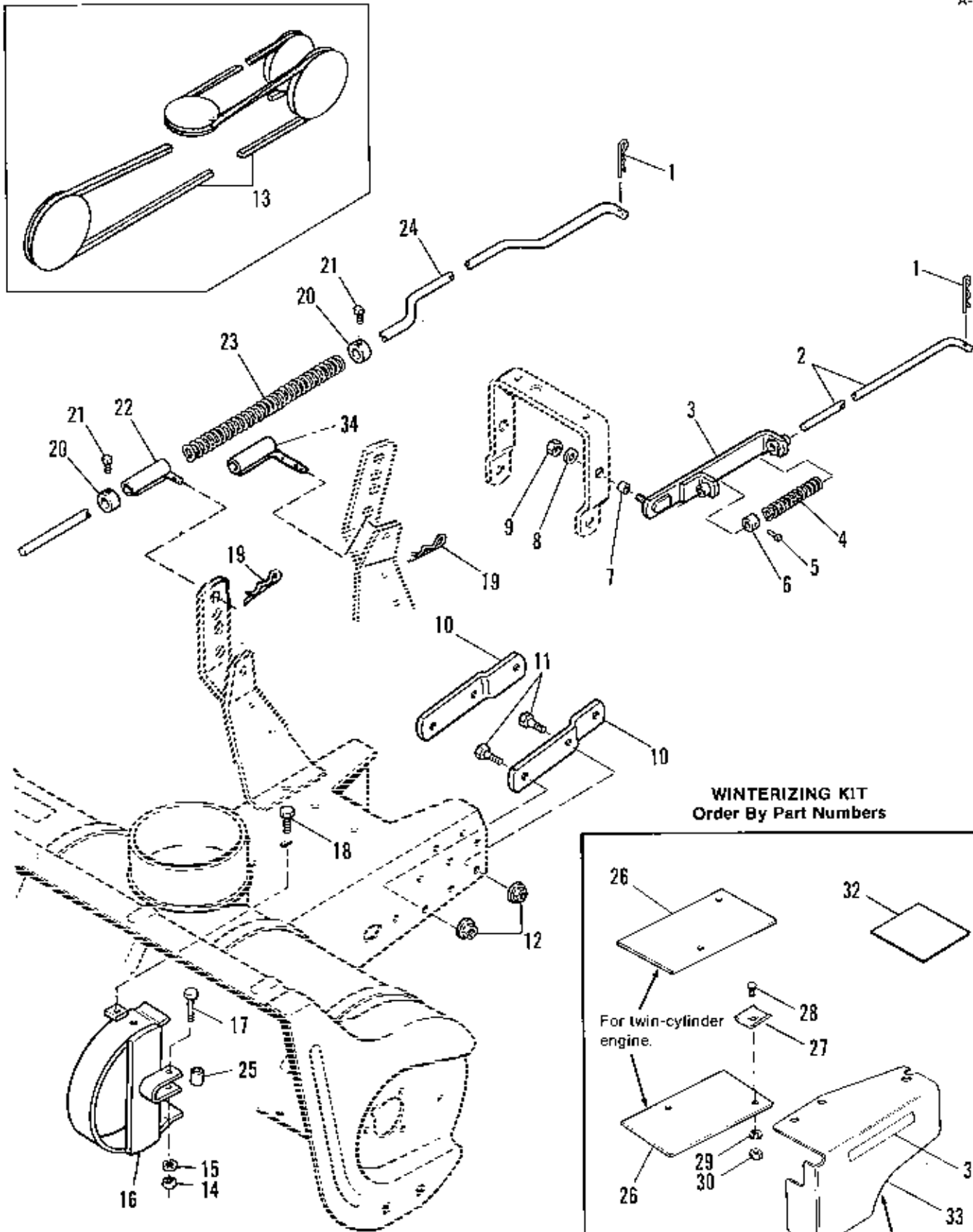
Ref. No.	Part No.	Qty.	Description
1	1667791	1	DEFLECTOR
2	1917642	3	WASHER, Plain, 5/16
3	1670578	1	KNOB
4	1923362	1	LOCKNUT, Hex, 5/16-18
5	1917356	3	LOCKWASHER, 5/16
6	1917372	3	NUT, Hex, Full, 5/16-18
7	1920563	1	CARRIAGE BOLT, 5/16-18 X 1
8	1936482	2	CAPSCREW, Hex, 5/16-18 x 3/4
9	1667790	2	SPACER
10	1704294	1	CHUTE ASSY.
11	171379	1	WASHER, Cup
12	1919326	1	WASHER, Plain, 5/16
13	171362	1	CABLE ASSY.
14	1921210	3	CAPSCREW, Hex, 3/8-16 x 1
15	1930645	3	NUT, Hex, Flange, 3/8-16
16	1707522	1	ARM, Support
17	1918447	2	PIN, Cotter, 3/32 x 3/4
18	171382	1	CLAMP
19	1927428	1	SCREW, Hex, Taplite, 1/4-20 x 3/8
20	121175	1	LINER
21	152050	1	GUIDE, Rod
22	1921221	1	CAPSCREW, Hex, 5/16-18 x 1-1/2
23	176333	1	ROD ASSY., Spout
24	176933	1	GRIP, Handle
25	1704446	1	GUARD ASSY., Chute
26	1960126	2	PUSH NUT



36" & 42" Snowthrower Hitch Group

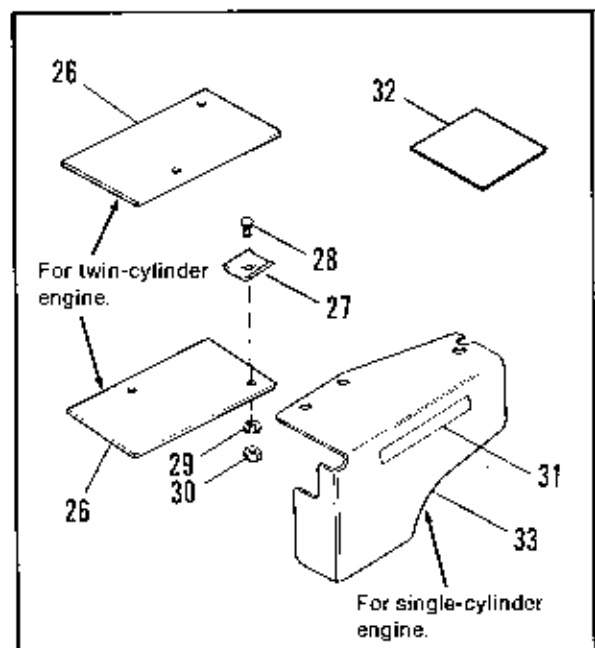
Ref. No.	Part No.	Qty.	Description
1	176012	6	CLIP, Spring
2	1666149	1	STOP, Belt
3	1665198	1	PIVOT, Bracket
4	1917356	2	LOCKWASHER, 5/16
5	1917372	3	NUT, Hex, 5/16-18
6	1933685	1	CAPSCREW, Hex, Full Thread, 3/8-16 x 2-1/2
7	158227	4	SPACER
8	1917642	12	WASHER, Plain, 5/16
9	171247	1	PULLEY
10	1916965	4	LOCKWASHER, 3/8
11	1916950	4	NUT, Hex, 3/8-16
12	159106	1	SPRING
13	1928731	2	LOCKNUT, Hex, Jam, 3/8-16
14	1925359	2	SCREW, Taplite, 5/16-18 x 3/4
15	1665193	1	PIVOT, (All except 6000)
16	1921977	2	CAPSCREW, hex, 5/16-18 x 1-1/4
17	1920415	2	CAPSCREW, Hex, 3/8-16 x 1-1/4
18	1934653	1	SCREW, Whizlock, 3/8-16 x 3
19	1922755	1	WASHER, Plain, 13/32 x 1
20	1666294	1	SPACER
21	1666287	1	PULLEY ASSY., w/Bearing (Incl. Ref. Nos. 22, 23, 24)
22		1	PULLEY (Order Ref. No. 21)
23	927695	1	RING, Retaining
24	1705997	1	BEARING
25	1666191	1	STOP, Belt
26	1665199	1	PUSH BAR ASSY.
27	1666188	1	BRAKE BRACKET ASSY. (Incl. Ref. Nos. 28, 29, 30)
28	925160	1	RIVET
29	1665240	1	PAD, Brake
30	1665195	1	BRACKET, Brake
31	156306	6	PIN
32	1667620	1	STOP, Belt
33	1917421	1	NUT, Hex, Jam, 3/8-16
34	1669125	1	SUPPORT, Hitch, Rear (6000 Series only)

NOTE: Refer to page 12 for Winterizing Kits.



NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

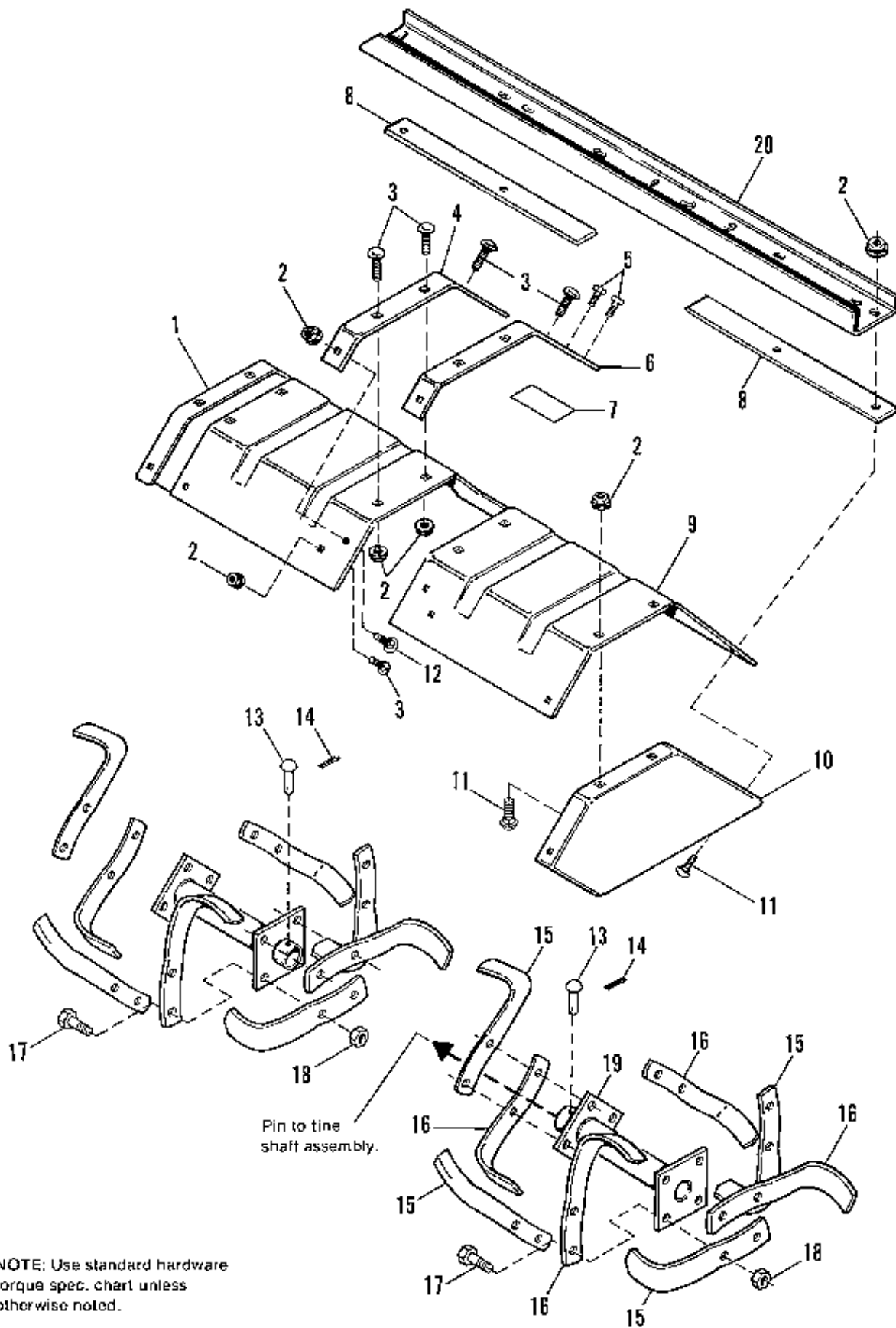
WINTERIZING KIT
Order By Part Numbers



36" & 42" Misc. Hitch Group

Ref. No.	Part No.	Qty.	Description
1	106788	2	CLIP, Spring
2	1674193	1	ROD
3	1665194	1	GUIDE ASSY., Rod
4	163103	1	SPRING
5	1928804	1	SETSCREW, 1/4-20 x 3/8
6	8191022	1	COLLAR, Set
7	154177	1	SPACER
8	1917642	1	WASHER, Plain, 5/16
9	1928731	1	LOCKNUT, Hex, Jam, 3/8-16
10	177565	2	CLIP, Frame
11	1920676	4	CAPSCREW, Hex, 7/16-14 x 1
12	1930650	4	LOCKNUT, Hex, Flange, 7/16-14
13	1703456	1	V-BELT (Drive)
14	1917372	1	NUT, Hex, Full, 5/16-18
15	1917356	1	LOCKWASHER, 5/16
16	1668100	1	GUARD ASSY., Belt
17	1922127	1	CAPSCREW, Hex, 5/16-18 X 1-1/4
18	1924856	1	SCREW, Self-Tping, 5/16-18 x 1/2
19	106787	1	CLIP, Spring
20	8031007	2	COLLAR, Set
21	1928721	2	SETSCREW, 5/16-18 x 1/2
22	1709285	1	GUIDE ASSY., Rod, (1692239 only)
23	171011	1	SPRING
24	1665887	1	ROD, Lift
25	123027	1	SPACER
26	1666955	2	HOOD, w/louvers (for twin-cylinder engines)
27	1667831	4	CLIP
28	1923333	4	CARRIAGE BOLT, 1/4-20 X 5/8
29	1916964	4	LOCKWASHER
30	1916622	4	NUT, Hex, Full, 1/4-20
31	170252	1	DECAL, Shield
32	1667030	1	DECAL, Installation (under hood)
33	1651562	1	DEFLECTOR (for single-cylinder engines)
34	171679	1	GUIDE ASSY., (1690556 only)

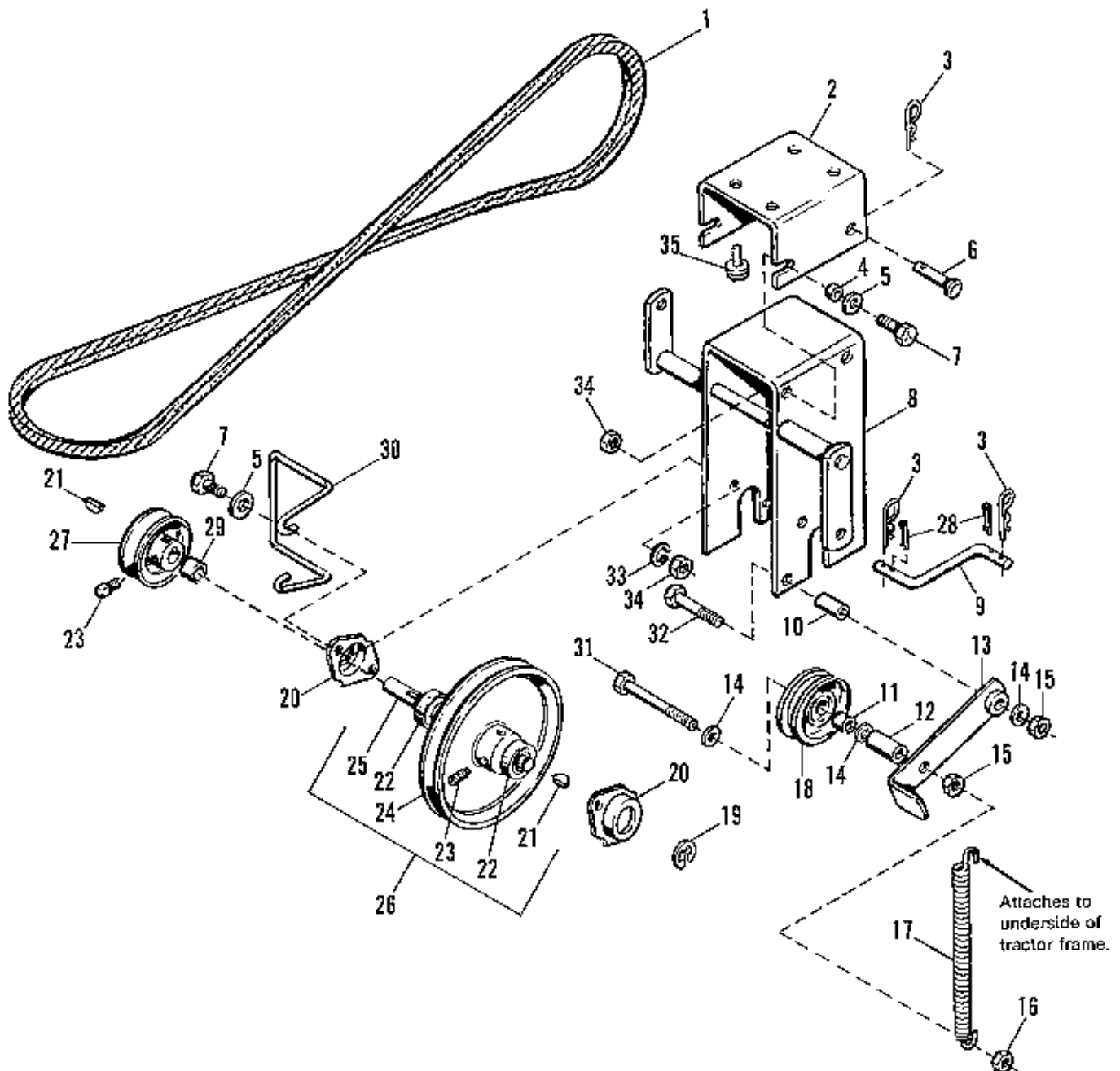
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NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Deflector & Tine Group

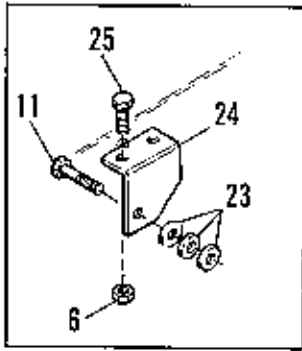
Ref. No.	Part No.	Qty.	Description
1	105274	1	PLATE END, Deflector, R.H.
2	1927557	22	NUT, Hex, Flange, 5/16-18
3	1931332	14	CARRIAGE BOLT, 5/16-18 x 5/8
4	1656088	1	BAR, Reinforcement, R.H.
5	1664847	4	SCREW, Taplite, 5/16-18 x 3/4
6	1656087	1	BAR, Reinforcement, L.H.
7	1679700	2	DECAL, Safety
8	1701034	2	SPACER, Strip
9	1678768	1	DEFLECTOR
10	105273	1	PLATE END, Deflector, L.H.
11	1931333	6	CARRIAGE BOLT, 5/16-18 x 3/4
12	1931335	2	CARRIAGE BOLT, 5/16-18 x 1
13	118053	2	PIN
14	1918451	2	PIN, Cotter, 1/8 x 3/4
15	8152001	8	TINE BLADE, L.H.
16	8152002	8	TINE BLADE, R.H.
17	1922380	16	CAPSCREW, Hex, 7/16-20 x 1-1/4
18	1928867	16	LOCKNUT, Hex, 7/16-20
19	1656040	2	HUB & PLATE ASSY., Tine
20	1700700	1	CHANNEL



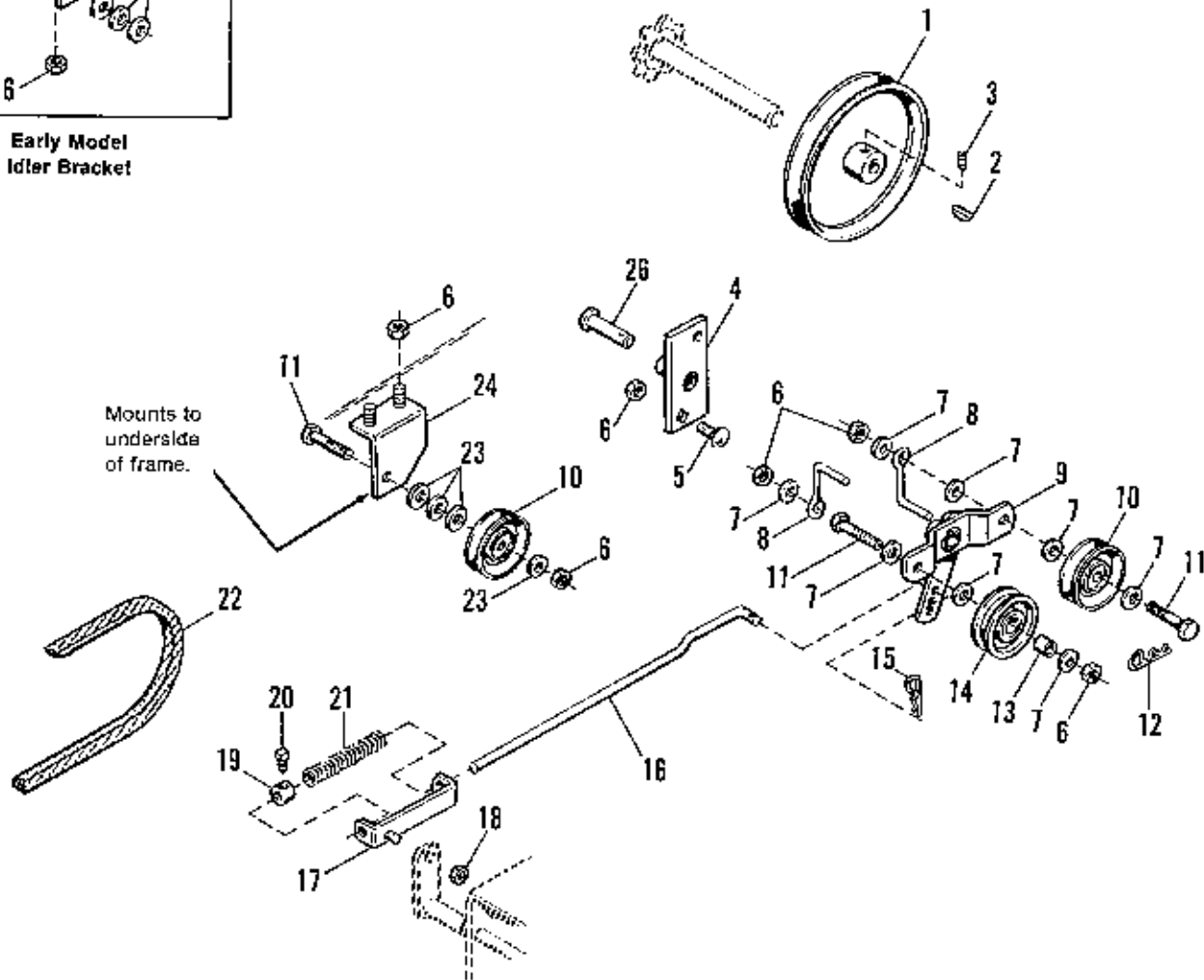
NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Jackshaft Group

Ref. No.	Part No.	Qty.	Description
1	1700059	1	BELT, "V" Front
2	1679797	1	BRACKET, Jackshaft, Frame
3	1918198	4	PIN
4	1675481	2	SPACER
5	1924874	4	WASHER, Flat, 3/8 x 7/8 x 1/16
6	1980116	2	PIN, Rivet
7	1921333	6	BOLT, Hex Hd., 5/16-18 x 1
8	1679746	1	BRACKET ASSY., Jackshaft
9	1679745	1	LINK, Clutch
10	1663194	1	SPACER
11	1666294	1	SPACER
12	170389	1	SPACER
13	1679015	1	ARM, Idler Assy.
14	1922755	3	WASHER, Flat, 13/32 x 1 x 16
15	1916950	2	NUT, Hex, 3/8-16 Unc.
16	1930651	1	NUT, Hex, 3/8-16 Unc.
17	1666759	1	SPRING, Extension
18	1665434	1	PULLEY ASSY.
19	927793	1	"E" RING
20	1667341	1	RETAINER, Bearing
21	905123	2	KEY, Woodruff, #9, 5/16 x 3/4
22	1705897	2	BEARING
23	1930544	4	SETSCREW, 5/16-18 x 3/8
24	1679728	1	PULLEY ASSY.
25	1679723	1	SHAFT, Jack
26	1700313	1	SHAFT ASSY., Jack
27	1679727	1	PULLEY
28	1918447	2	COTTER PIN
29	1700258	1	SPACER
30	1700051	1	STOP, Belt
31	1923903	1	BOLT, Hex Hd., 3/8-16 Unc. x 3
32	1921974	1	BOLT, Hex Hd., 3/8-16 Unc. x 1-1/2
33	1917356	4	LOCKWASHER, 5/16
34	1917372	6	NUT, Hex, 5/16-18
35	1923683	4	SCREW, Hex, Washer Hd., Tapite, 3/8-16 x 3/4



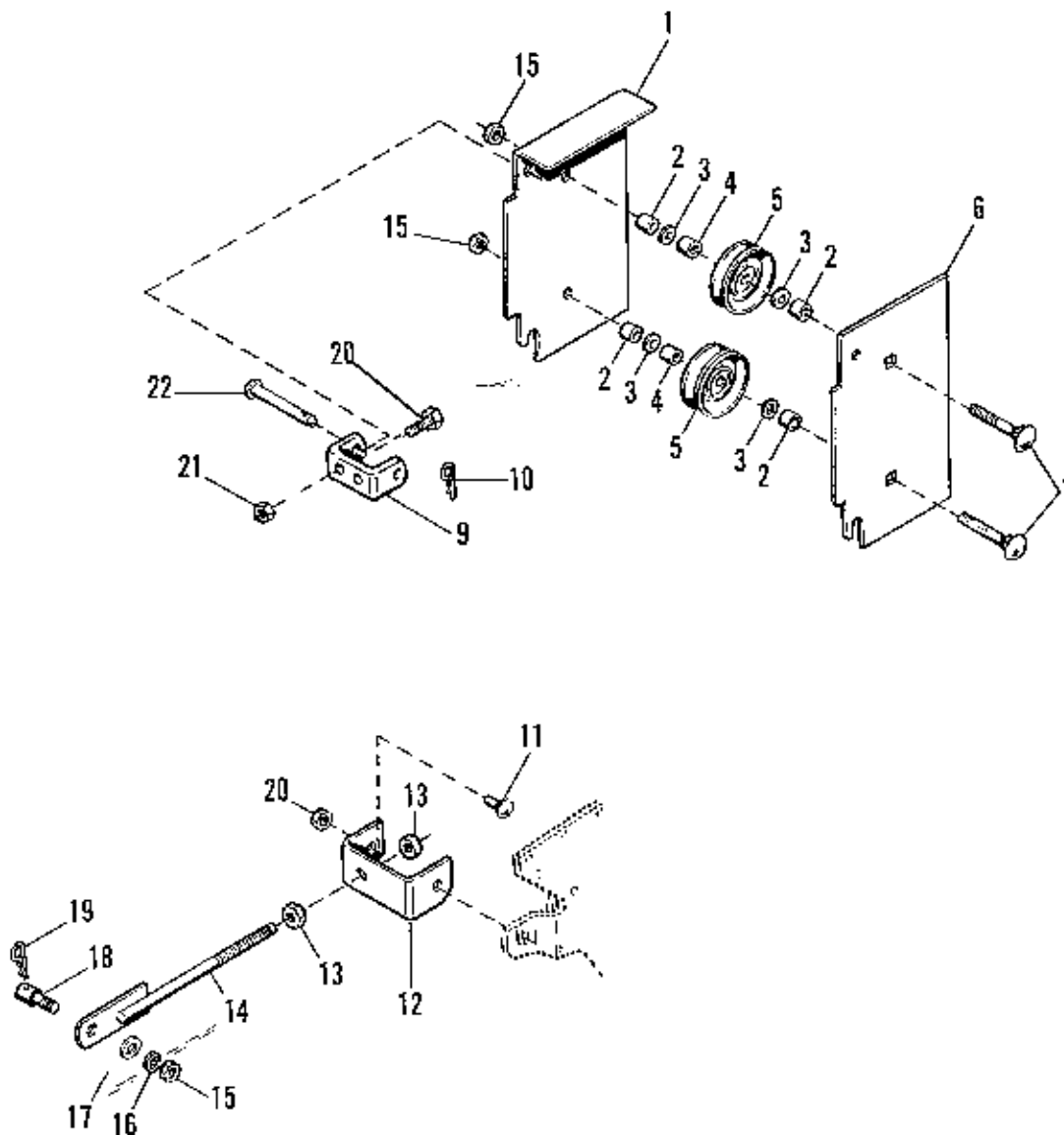
Early Model
Idler Bracket



NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

Drive & Clutch Group

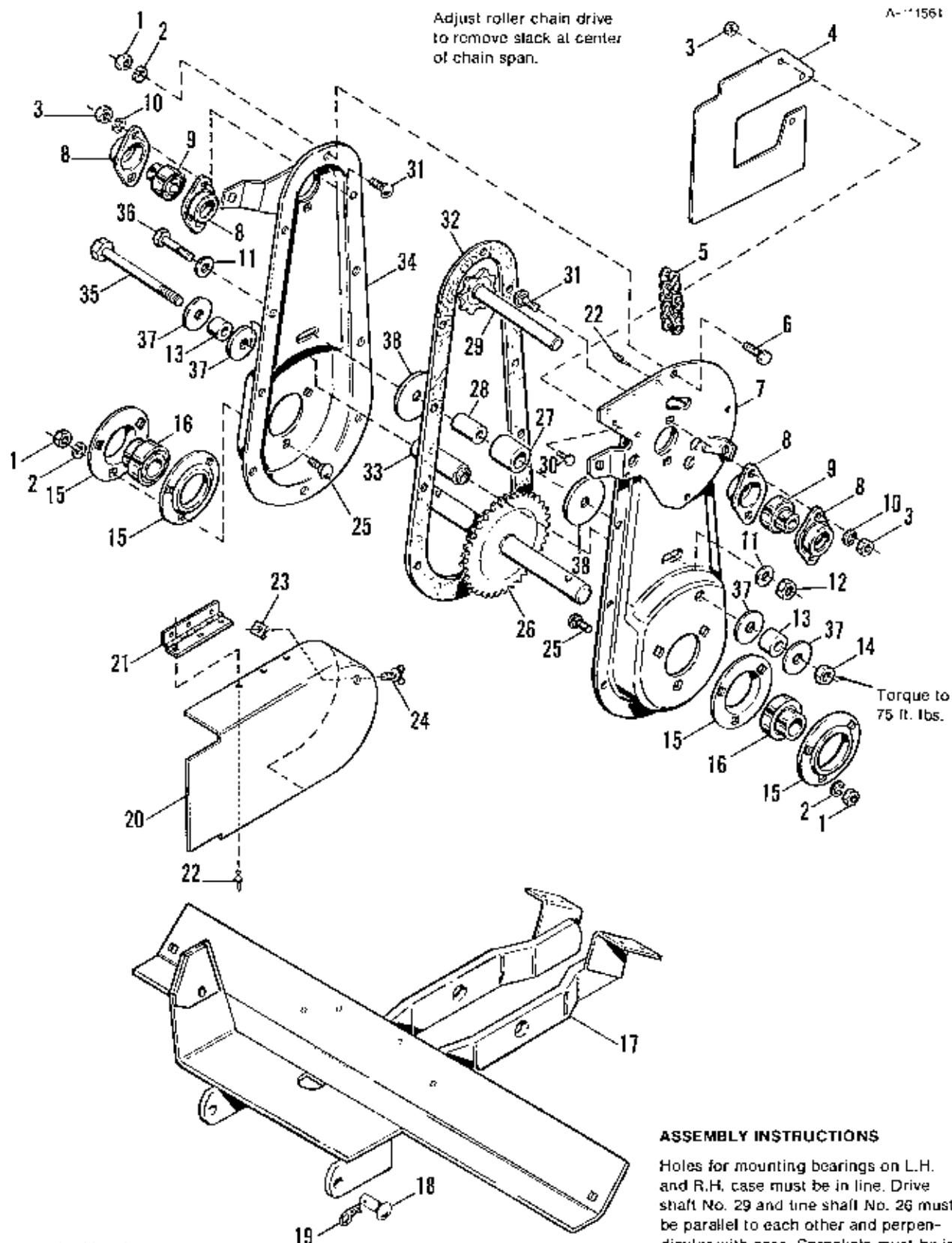
Ref. No.	Part No.	Qty.	Description
1	1679729	1	PULLEY, Driven
2	905123	1	KEY, #9, 3/16 x 3/4
3	1930544	2	SETSCREW, 5/16-18 x 1/2
4	1701387	1	BRACKET & HUB ASSY.
5	1931348	1	CARRIAGE BOLT, 3/8 x 3/4
6	1916950	6	NUT, 3/8-16
7	1922755	8	WASHER, 3/8 x 1 x 1/8
8	1656054	2	GUIDE, Belt
9	1679857	1	BRACKET ASSY., Idler
10	174561	2	PULLEY, Idler
11	1921971	3	CAPSCREW, 3/8-16 x 1-3/4
12	1960033	1	PIN, Quick, Hairpin
13	1666294	1	SPACER
14	1665434	1	PULLEY (Flat-side)
15	1918196	1	PIN
16	1679744	1	ROD, Clutch
17	108662	1	GUIDE, Rod
18	1923362	1	NUT, 5/16-18
19	8191022	1	COLLAR SET
20	1928804	1	SETSCREW, 1/4-20 x 3/8
21	163103	1	SPRING
22	1673667	1	BELT, "V" Rear
23	1917642	4	WASHER, 5/16
24	1700011	1	BRACKET, Idler (Early Models)
	1703726	1	BRACKET, Idler (Later Models)
25	923369	2	CAPSCREW, Hex, 3/8-16 x 3/4 (Later models only)
26	1701388	1	PIN, Clevis



NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

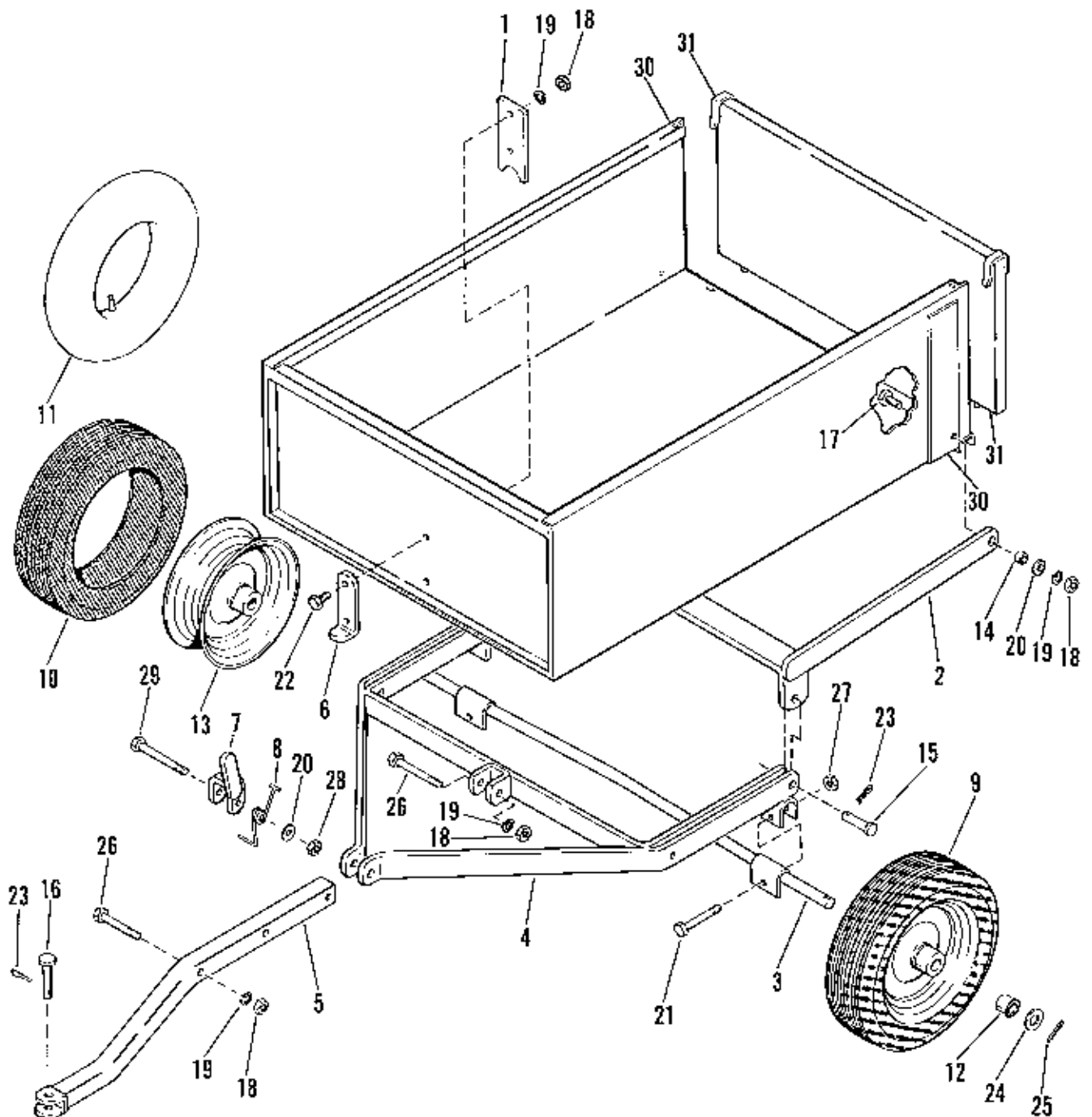
Pulley Guard Group

Ref. No.	Part No.	Qty.	Description
1	1679725	1	GUARD, Pulley, R.H.
2	118335	4	SPACER
3	1917642	4	WASHER, Flat, 3/8 x 7/8 x 14
4	1686294	2	SPACER
5	1665434	2	PULLER ASSY.
6	1679726	1	GUARD, Pulley, L.H.
7	1931355	2	BOLT, 5/8 x 15 x 2-1/4
8	1923325	2	BOLT, Hex Hd., 5/16-18 x 7/8, Gr.5
9	1679722	1	BRACKET, Guard
10	1918196	1	PIN
11	1931348	2	CARRIAGE BOLT, 3/8 x 3/4
12	1679224	1	CLEVIS, Mast
13	1919262	2	NUT, Hex, Jam, 1/2-20
14	1679221	1	ARM, Mast Assy.
15	1916950	3	NUT, Hex, 3/8-16
16	1916965	1	LOCKWASHER, 3/8
17	1922755	1	WASHER, 3/8 x 1 x 1/8
18	1679226	1	PIN
19	1960033	1	PIN, Quick
20	1930651	2	NUT, Hex, 3/8-16
21	1917372	2	NUT, Hex, 5/16-18
22	1679721	1	PIN, Guard Bracket



Case Group

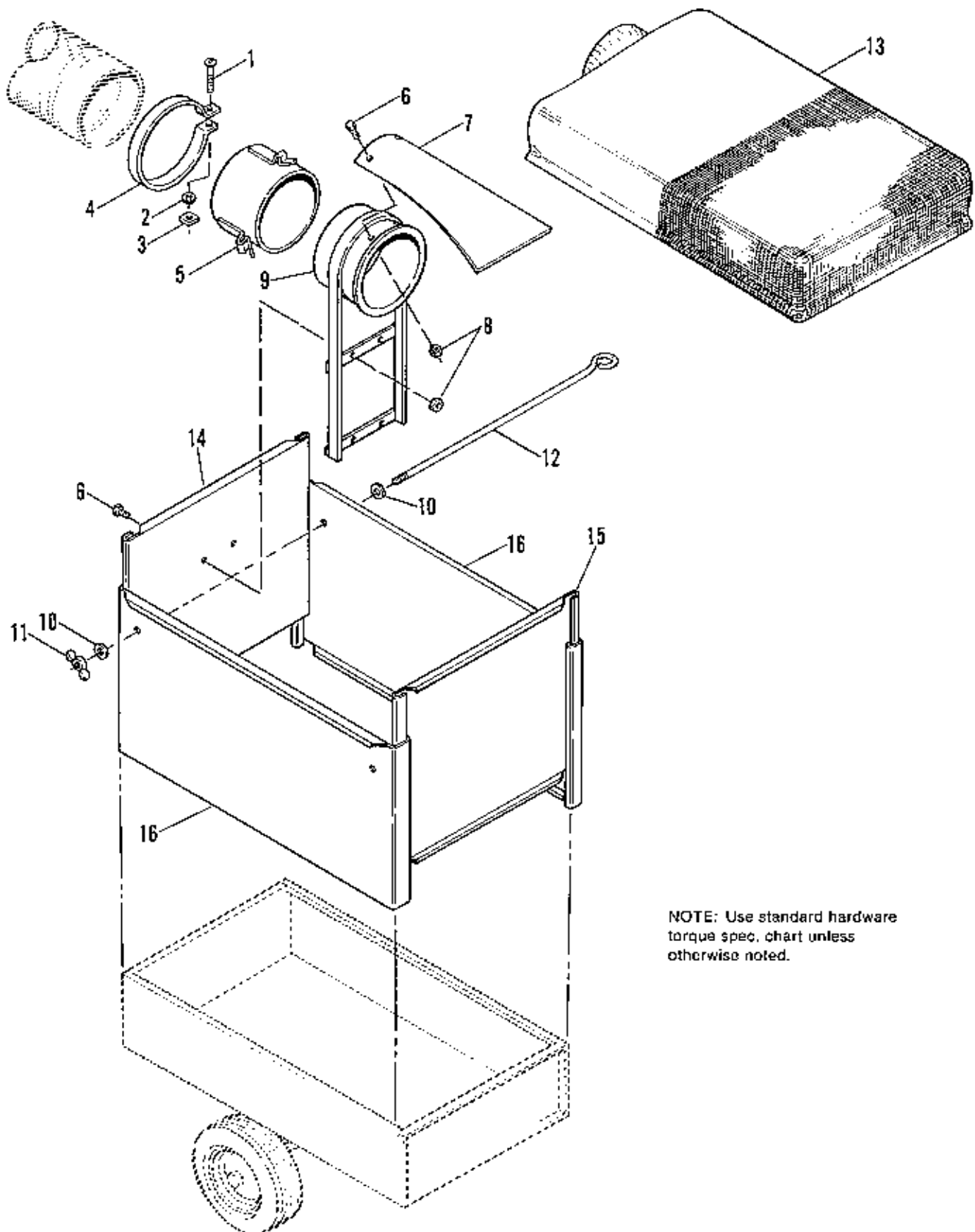
Ref. No.	Part No.	Qty.	Description
1	1917372	16	NUT, Hex, Full, 5/16-18
2	1917356	16	LOCKWASHER, 5/16
3	1916622	7	NUT, Hex, Full 1/4-20
4	1700726	1	COVER, Guard
5	170053	1	CHAIN
6	1925205	10	CAPSCREW, Hex Hd., 5/16-18 x 5/8
7	1679289	1	CASE ASSY., Half, L.H.
8	1655814	4	BEARING
9	1656089	2	BEARING
10	1916964	4	WASHER, Lock, 1/4
11	157424	2	WASHER, Special
12	1930651	1	NUT, Hex Hd., Full, Lock, 3/8-16
13	105386	2	SPACER
14	1922134	1	NUT, Hex Hd., Full, Lock, 1/2-13
15	172278	4	FLANGE, Bearing
16	173934	2	BEARING
17	1678770	1	FRAME & HITCH ASSY.
18	155037	2	PIN
19	1960033	2	CLIP, Hairpin
20	1700723	1	GUARD, Belt
21	1701320	1	HINGE
22	1673450	6	RIVET, Pop
23	918118	1	NUT, "U" Type
24	1935023	1	SCREW, Wing
25	1931333	6	CARRIAGE BOLT, 5/16-18 x 3/4
26	170030	1	SHAFT ASSY., Tine
27	170177	1	ROLLER
28	170369	1	SPACER
29	1655827	1	SHAFT ASSY., Drive
30	1921958	3	CAPSCREW, Hex Hd., 1/4-20 x 1/2
31	1931317	4	CARRIAGE BOLT, 1/4-20 x 3/4
32	170022	1	GASKET, Case
33	170029	1	SPACER, Case
34	1679288	1	CASE ASSY., Half R.H.
35	1926159	1	CAPSCREW, Hex Hd., 1/2-13 x 5
36	1922130	1	CAPSCREW, Hex Hd., 3/8-16 x 2-1/4
37	960154	4	WASHER
38	960188	2	WASHER



NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

Dump Cart Group

Ref. No.	Part No.	Qty.	Description
1	102005	1	PLATE, Box Guide
2	102024	1	PIVOT ASSY., Box
3	102027	1	AXLE ASSY.
4	102035	1	FRAME ASSY.
5	102037	1	TONGUE ASSY.
6	102040	1	PLATE, Box Catch
7	102051	1	CLEVIS ASSY.
8	102075	1	SPRING, Torsion
9	170320	2	WHEEL & TIRE ASSY. (Incl. Ref. Nos.10,11,12,13)
10	102052	2	TIRE
11	153038	2	TUBE, 4.00 x 8
12	156316	4	BEARING
13	170319	2	WHEEL
14	8151076	2	BUSHING
15	102004	2	PIN, Pivot
16	105249	1	PIN
17	921210	2	CAPSCREW, Hex, 3/8-16 x 1
18	916950	6	NUT, Hex, Full, 3/8-16
19	916965	6	LOCKWASHER, 3/8
20	917378	3	WASHER, 3/8
21	921978	2	CAPSCREW, 5/16-18 x 2
22	920415	2	CAPSCREW, Hex, 3/8-16 x 1-1/4
23	918196	3	PIN, Quick
24	918433	2	WASHER, Plain, 3/4
25	918459	2	PIN, Cotter, 3/16 x 1-1/2
26	922130	2	CAPSCREW, Hex, 3/8-16 x 2-14
27	923362	2	NUT, Hex, Full, 5/16-18
28	830651	1	NUT, Hex, Centerlock, 3/8-16
29	930596	1	CAPSCREW, Hex, 3/8-16 x 2-3/4
30	1668478	1	TRAILER & END GATE ASSY.
31	1668462	1	GATE END



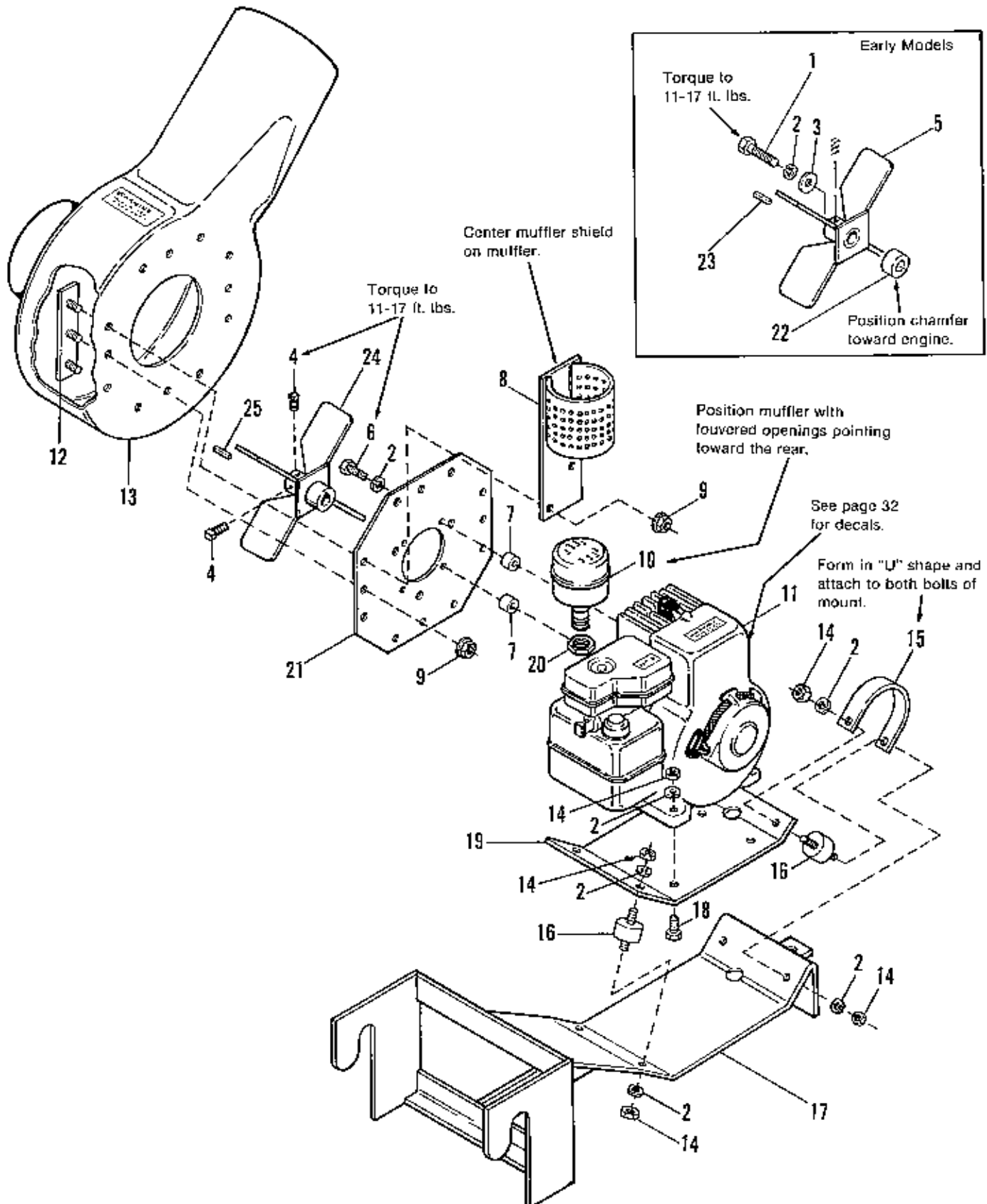
NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Cart Cover & Side Extension Group

Ref. No.	Part No.	Qty.	Description
1	1928866	1	SCREW, Rd. Hd., 1/4-20 x 3
2	1916964	1	LOCKWASHER, 1/4
3	1916622	1	NUT, Hex, 1/4-20
4	123067	1	CLAMP, Hose
5	1665782	1	CONNECTOR, Hose, 6"
6	1921959	4	CAPSCREW, Hex Hd., 1/4-20 x 5/8
7	1665781	1	DEFLECTOR
8	1923358	4	LOCKNUT, Hex, 1/4-20
9	1665780	1	CONNECTOR, Metal, 6"
10	1917377	4	WASHER
11	1916952	2	WINGNUT, 1/4-20
12	1665778	2	ROD, 27"
13	1665778	1	BONNET
14	1665777	1	PANEL, Front
15	1665776	1	PANEL, Rear
16	1665775	2	PANEL, Side

Vacuum Collector Housing & Engine Group

A-77101



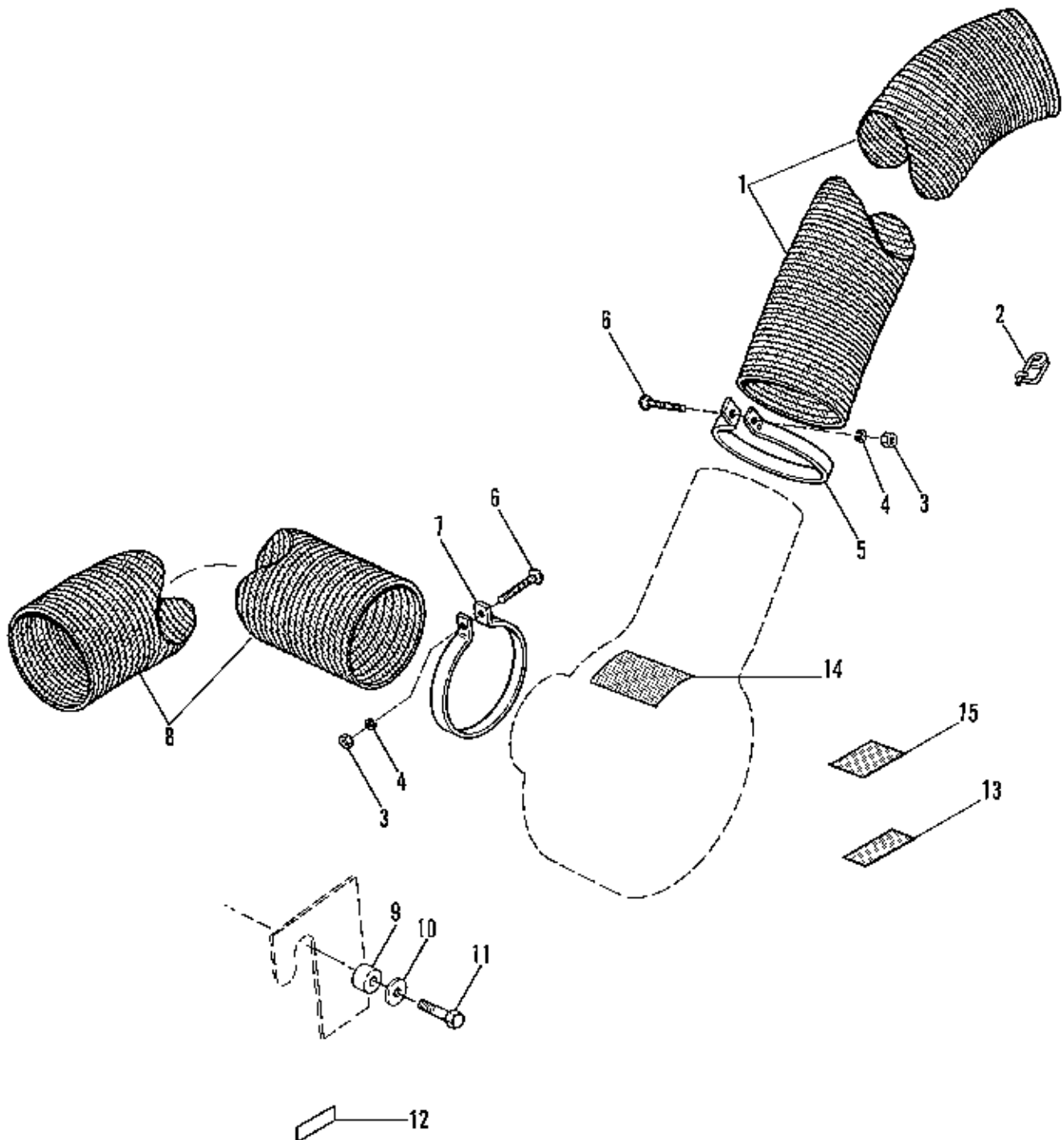
NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Vacuum Collector Housing & Engine Group

Ref. No.	Part No.	Qty.	Description
1	*927927	1	CAPSCREW, Hex Hd., 5/16-24 x 1/2
2	*917356	16	LOCKWASHER, 5/16 (Qty. 17 used before s/n 2890)
3	*1933468	1	WASHER
4	1928721	2	SETSCREW, 5/16-18 x 1/2
*5		1	FAN ASSY.
6	1921982	4	CAPSCREW, Hex Hd., 5/16-24 x 1-1/4
7	157081	4	SPACER
8	1672133	1	SHIELD ASSY., Muffler
9	1927557	12	LOCKNUT, Hex, Flange, 5/16-18
10	1657505	1	MUFFLER
11		1	ENGINE, Briggs & Stratton, 4 HP
12	1657456	4	BAR ASSY.
13	1702472	1	HOUSING
14	1917372	12	NUT, Hex, Full, 5/16-18
15	1657460	1	STRAP, Ground
16	159085	4	CONNECTOR
17	1656968	1	FRAME ASSY.
18	1921221	4	CAPSCREW, Hex Hd., 5/16-18 x 1-1/2
19	123095	1	PLATE, Engine
20	1932850	1	LOCKNUT, 1/2
21	1656972	1	PLATE, Housing Support
22	*1654907	1	SPACER
23	*905850	1	KEY, 3/16 x 3/16 x 1
24	**1671658	1	FAN ASSY., 3/16 x 3/16 x 1-7/8 (Incl. Ref. Nos. 4 & 25)
25	**1672129	1	KEY

* Used on models with serial no. 2890 and before. (See "Early Models" drawing on page 28. If replacement fan is required, see Ref. No. 24 to update to new design.

** Used on models with serial no. 2891 and later.



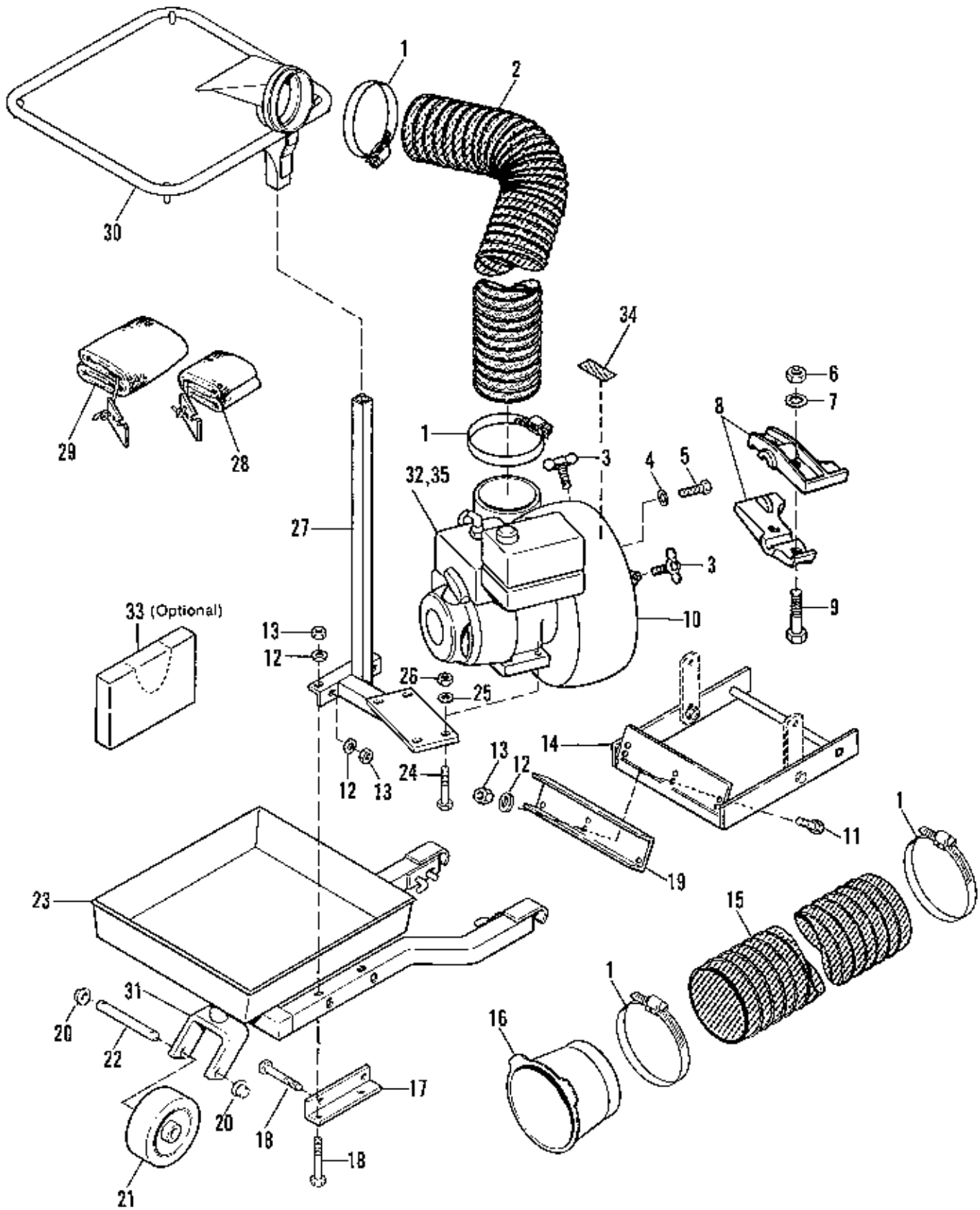
NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Vacuum Collector Misc. Group

Ref. No.	Part No.	Qty.	Description
1	1669967	1	HOSE ASSY., Outlet, 6" Dia.
2	176012	1	CLIP, Pin, Safety
3	1916622	2	NUT, Hex, 1/4-20
4	1916964	2	LOCKWASHER, Spring, 1/4
5	123067	1	CLAMP, Hose, 6"
6	1928866	2	SCREW, Rd. Hd., 1/4-20 x 3
7	123065	1	CLAMP, Hose, 7"
8	1657189	1	HOSE ASSY., Inlet, 7" Dia.
9	158227	2	SPACER
10	1917378	2	WASHER, Plain, 3/8
11	1920415	2	CAPSCREW, Hex Hd., 3/8-16 x 1-1/4
12		1	PLATE, I.D.
13	1657137	1	DECAL, Throttle
14	1657149	1	DECAL, Warning
15	1657931	1	DECAL, Muffler

Engine Driven Vacuum Collector (Single Wheel Model)

A-777



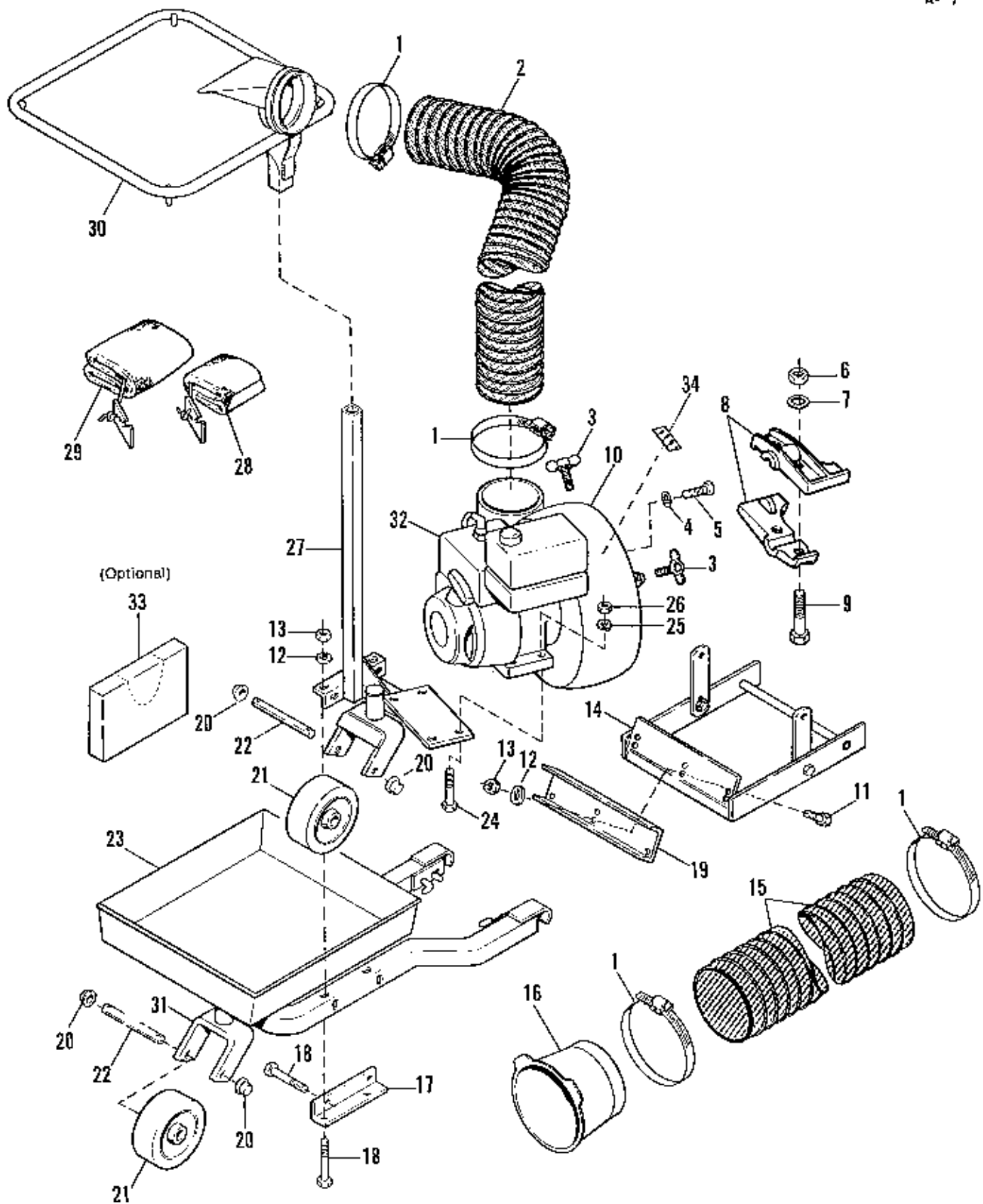
Engine Driven Vacuum Collector (Single Wheel Model)

Ref. No.	Part No.	Qty.	Description
1	921919	4	CLAMP, Hose
2	1667641	1	HOSE, Flexible
3	1667317	2	BOLT, Wing, 5/16-18 x 2
4	1923300	4	LOCKWASHER, Int. Tooth, 5/16
5	1921515	4	CAPSCREW, Hex Hd. 5/16-24 x 3/4
6	1916951	2	NUT, Hex, Full, 1/2-13
7	1909589	2	LOCKWASHER, Int. Tooth, 1/2
8	1665665	1	BLADES, Blower (Pair)
9	1920328	2	CAPSCREW, Hex Hd., 1/2-13 x 1-1/2
10	1667639	1	HOUSING, Blower
11	1921210	3	LOCKWASHER, 3/8
12	1917378	7	WASHER, Plain, 3/8
13	1916950	7	NUT, Hex, Full, 3/8-16
14	1667631	1	HITCH ASSY.
15	1667646	1	HOSE, Lower
16	1667647	1	CONE, 7"
17	1667637	1	ANGLE, Reinforcing
18	1921972	4	CAPSCREW, Hex Hd., 3/8-16 x 2-1/2
19	1668405	1	CLAMP, Mount
20	1678563	2	PUSH NUT
21	1705342	1	WHEEL, Caster
22	1705341	1	AXLE, Caster
23	1678014	1	TRAY & SUPPORT ASSY.
24	1921221	4	CAPSCREW, Hex Hd. 5/16-18 x 1-1/2
25	1917356	4	LOCKWASHER, 5/16
26	1917372	4	NUT, Hex, Full, 5/16-18
27	1667636	1	ENGINE MOUNT & UPRIGHT
28	1667644	1	TOP, Canvas Bag
29	1667643	1	BAG, Canvas
30	1667638	1	RING, Bag Support
31	1705343	1	FORK ASSY., Caster
32		1	ENGINE, 4 H.P., Briggs & Stratton
33	1685595	1	LINERS, Plastic Bag (Pkg. of 18)
34		1	DECAL, Warning (Not serviced)
*35	123104	1	MUFFLER

*Ref.. No. 35 only used on models with serial numbers
from 1101-1121 Model 100212 engine.

Engine Driven Vacuum Collector (Two Wheel Model)

A-117



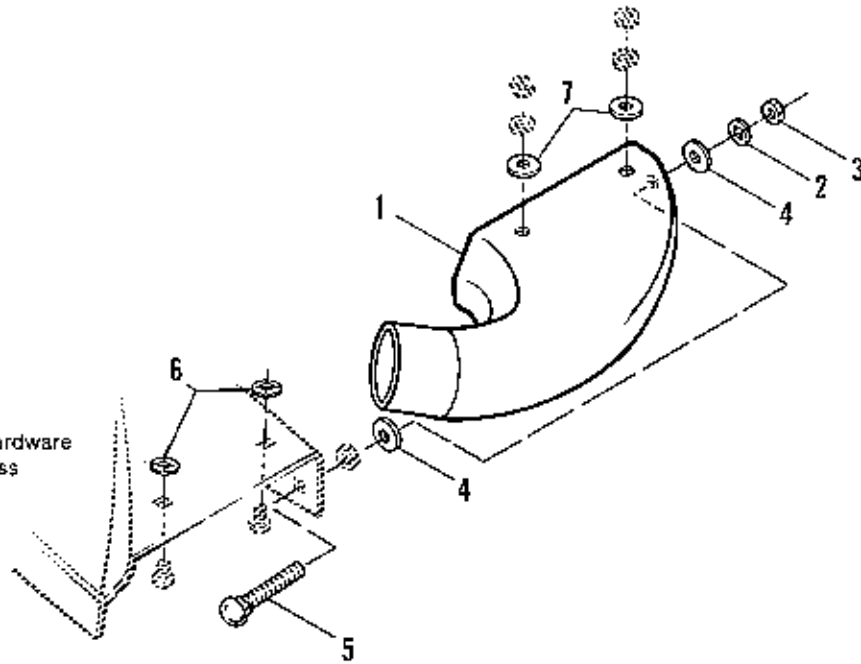
Engine Driven Vacuum Collector (Two Wheel Model)

Ref. No.	Part No.	Qty.	Description
1	921919	4	CLAMP, Hose
2	16676	1	HOSE, Flexible
3	1667317	2	BOLT, Wing, 5/16-18 x 2
4	1923300	4	LOCKWASHER, Int., 5/16
5	1921515	4	CAPSCREW, Hex Hd., 5/16-24 x 3/4
6	1916951	2	NUT, Hex, Full, 1/2-13
7	1909589	2	LOCKWASHER, Int., 1/2
8	1665665	1	BLADES, Blower (Pair)
9	1920328	2	CAPSCREW, Hex Hd., 1/2-13 x 1-1/2
10	1667639	1	HOUSING, Blower
11	1921210	3	CAPSCREW, Hex Hd., 3/8-16 x 1
12	1917378	7	LOCKWASHER, 3/8
13	1916950	7	NUT, Hex, Full 3/8-16
14	1667631	1	HITCH ASSY.
15	1667646	1	HOSE, Lower
16	1667647	1	CONE, 7"
17	1667637	1	ANGLE, Reinforcing
18	1921972	4	CAPSCREW, Hex Hd., 3/8-16 x 2-1/2
19	1668405	1	CLAMP, Mount
20	1678563	4	PUSH NUT
21	1667633	2	WHEEL, Caster
22	1667634	2	AXLE, Caster
23	1678014	1	TRAY & SUPPORT ASSY.
24	1921221	4	CAPSCREW, Hex Hd., 5/16-18 x 1-1/2
25	1917356	4	LOCKWASHER, 5/16
26	1917372	4	NUT, Hex, Full, 5/16-18
27	1678015	1	ENGINE MOUNT & UPRIGHT
28	1667644	1	TOP, Canvas Bag
29	1667643	1	BAG, Canvas
30	1667638	1	RING, Bag Support
31	1705343	1	FORK ASSY., Caster
32		1	ENGINE, 4 H.P., Briggs & Stratton
33	1685595	1	LINERS, Plastic Bag (pkg of 18)
34		1	DECAL, Warning (Not Serviced)

42" & 48" Vacuum Collector Adaptor

A-119

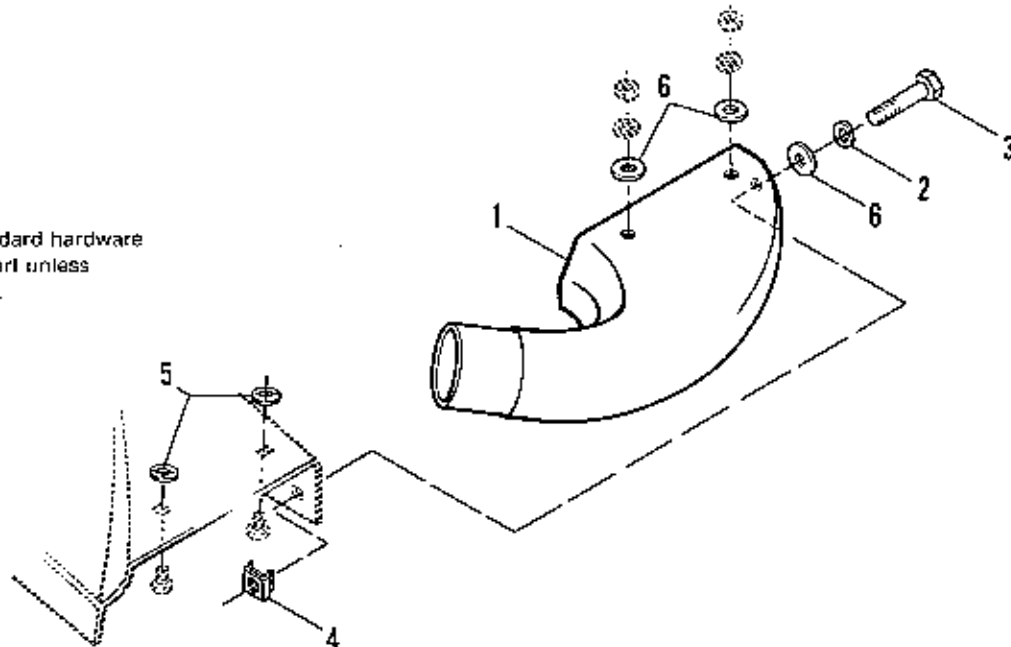
NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.



36" Vacuum Collector Adaptor

A-118

NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

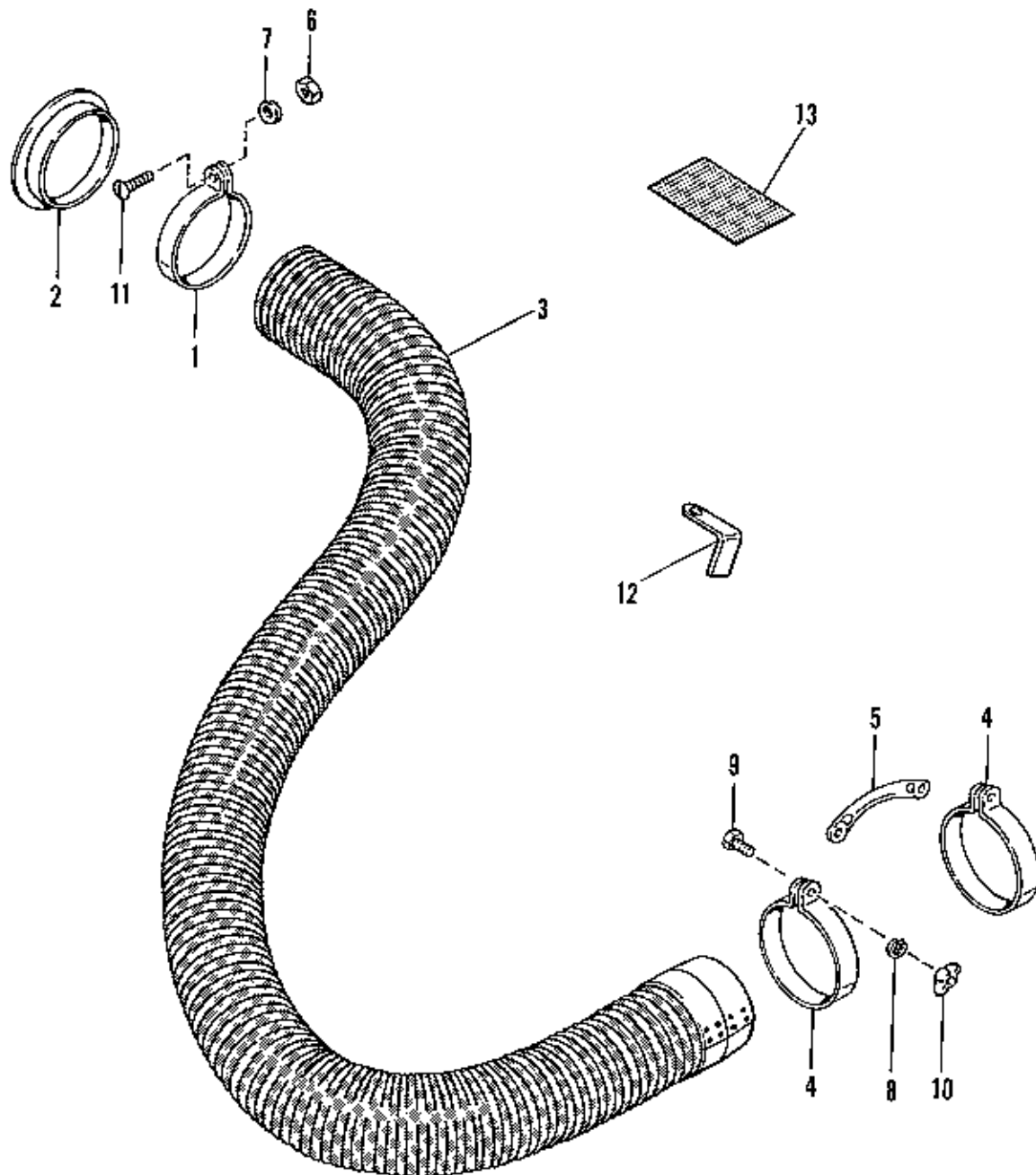


42" & 48" Vacuum Collector Adaptor

Ref. No.	Part No.	Qty.	Description
1	1657007	1	ADAPTOR, 42" & 48" Mowers
2	1917356	1	LOCKWASHER, Spring, 5/16
3	1917372	1	NUT, Hex, 5/16-18
4	1917842	2	WASHER, Plain, 5/16
5	1920564	1	BOLT, Carriage, 5/16-18 x 1-1/4
6	1931942	2	PUSHNUT, 3/8
7	1924356	2	WASHER

Mfg. No. 1690228**36" Vacuum Collector Adaptor**

Ref. No.	Part No.	Qty.	Description
1	165788	1	ADAPTOR, 36" Mower
2	1917356	1	LOCKWASHER, Spring, 5/16
3	1923325	1	CAPSCREW, Hex, 5/16-18 x 7/8
4	930659	1	NUT, Retainer, 5/16-18
5	1931942	2	PUSHNUT, 3/8
6	1924356	3	WASHER

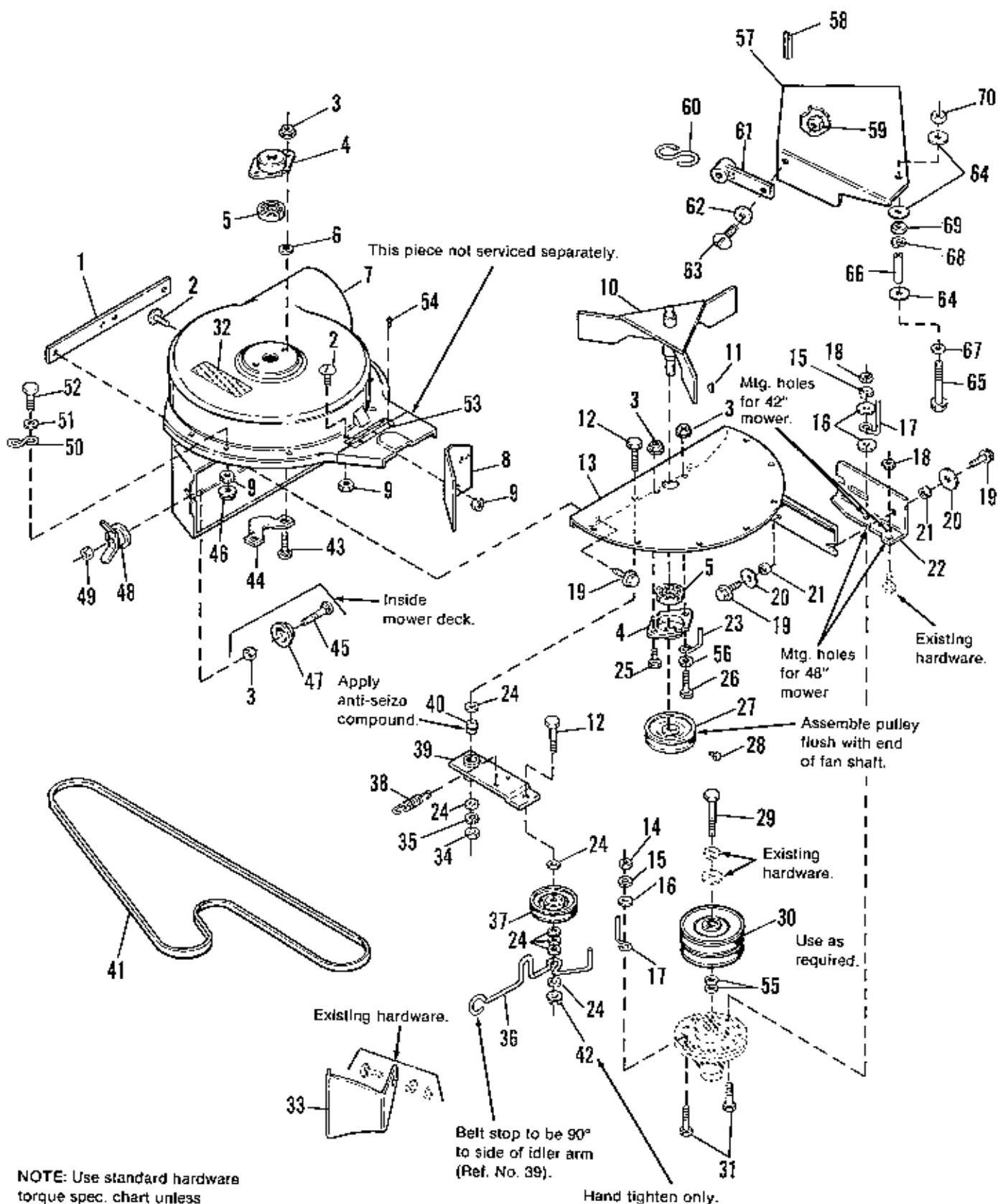


NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

Roving Nozzle Group

Ref. No.	Part No.	Qty.	Description
1	123065	1	CLAMP, Hose
2	123111	1	FLANGE, Hose
3	123127	1	HOSE ASSY.
4	123128	2	CLAMP, Hose
5	123129	1	HANDLE, Hose
6	1916622	1	NUT, Hex, 1/4-20
7	1916984	1	LOCKWASHER, Spring, 1/4
8	1917356	2	LOCKWASHER, Spring, 5/16
9	1921332	2	CAPSCREW, Hex Hd., 5/16-18 x 3/4
10	1918468	2	NUT, Wing, 5/16-18
11	928866	1	SCREW, Rd. Hd., 1/4-20 x 3
12	*1664122	1	STOP, Belt
13	1666683	1	DECAL, Warning

*Not used in all applications



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

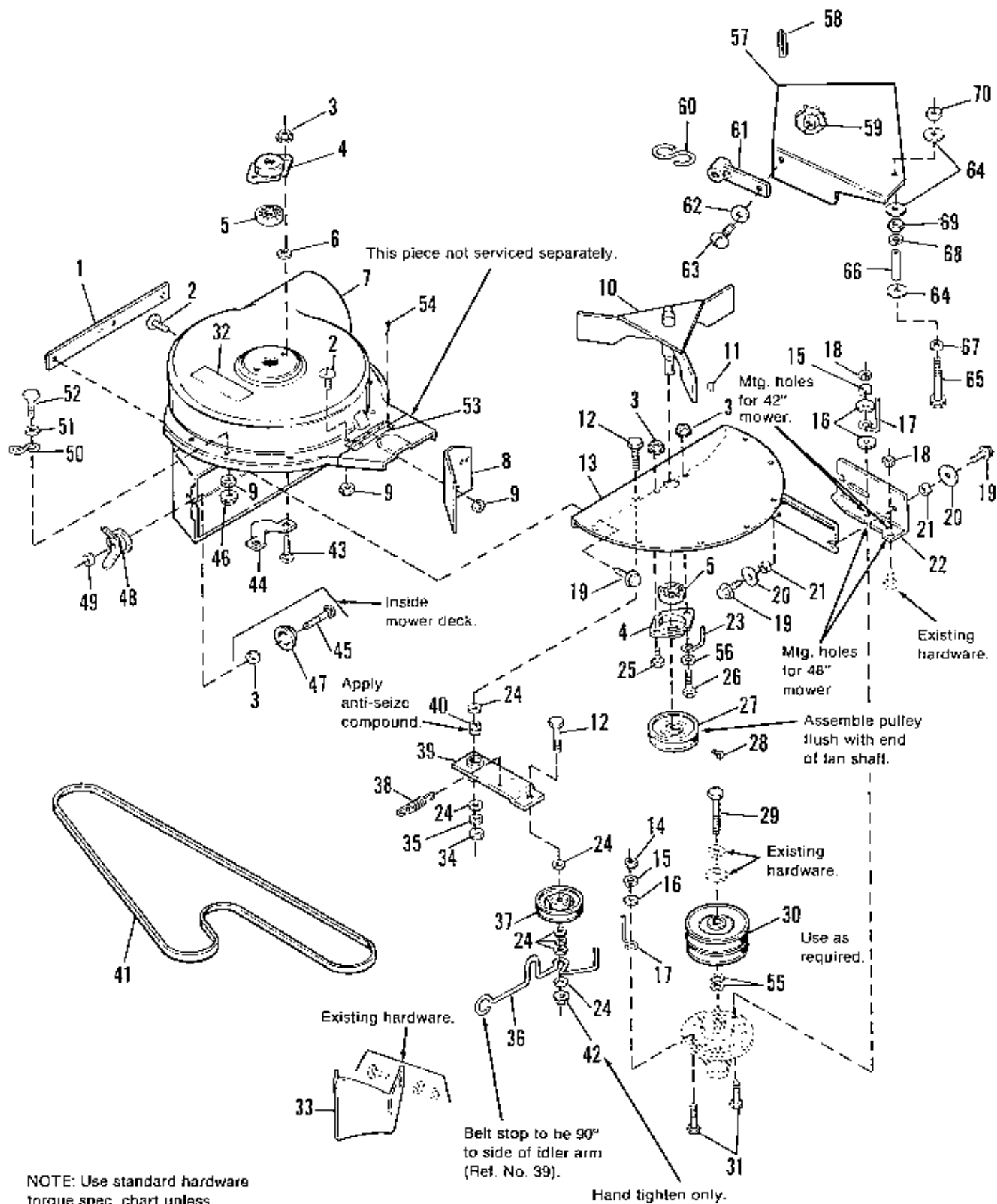
Turbo Blower System (42" & 48" Mowers)

Ref. No.	Part No.	Qty.	Description
1	1678946	1	STRAP, Reinforcement, Blower Housing
2	1921959	7	CAPSCREW, Hex Hd., 1/4-20 x 5/8
3	1927557	4	NUT, Flange Lock, 5/16-18
4	1667341	2	BEARING, Retainer
5	1705897	2	BEARING
6	933988	4	PUSHNUT, 5/16
7	1700231	1	FAN HOUSING & HINGE ASSY. (Inc. Ref. Nos. 32, 53 & 54)
8	1678994	1	BAFFLE, Fan Housing
9	1930641	8	NUT, Hex, Nylon Lock, 1/4-20
10	1678601	1	FAN ASSY.
11	918312	1	KEY, Woodruff #61, 3/16 x 5/8
12	1921971	2	CAPSCREW, Hex, 3/8-16 x 1-3/4
13	1678705	1	PLATE ASSY.
14	1917372	1	NUT, Hex, Full 5/16-18
15	1917356	2	LOCKWASHER, 5/16
16	1919381	3	WASHER, Plain
17	1679105	2	STOP, Belt
18	1928698	2	NUT, Hex Jam Lock, 5/16-18
19	1927429	5	SCREW, Tapite, 1/4-20 x 5/8
20	1960151	2	WASHER, 1/4
21	1675339	2	SPACER
22	1678676	1	BRACKET, Arbor
23	1678924	1	STOP, Belt
24	1924940	7	WASHER, Plain, 13/32
25	1920787	1	CAPSCREW, Hex, 5/16-18 x 1/2
26	1960104	1	CAPSCREW, Hex, 5/16-18 x 3/4
27	1702685	1	PULLEY, Driven
28	1928691	1	SETSCREW, Sq. Hd., 5/16-18 x 5/8
29	1927120	1	CAPSCREW, Hex, 7/16-14 x 2-1/4
30	1678609	1	PULLEY ASSY.
31	1933689	2	CAPSCREW, Hex, 5/16-18 x 1-1/2
32	1700259	1	DECAL, Danger, Blower
33	1678646	1	BAFFLE, Discharge
34	1916950	1	NUT, Hex, Full, 3/8-16

Ref. Nos. 35-70 found on pages 42 & 43.

Turbo Blower System (42" & 48" Mowers)

**2178



Turbo Blower Syst4em (42" & 48" Mowers)

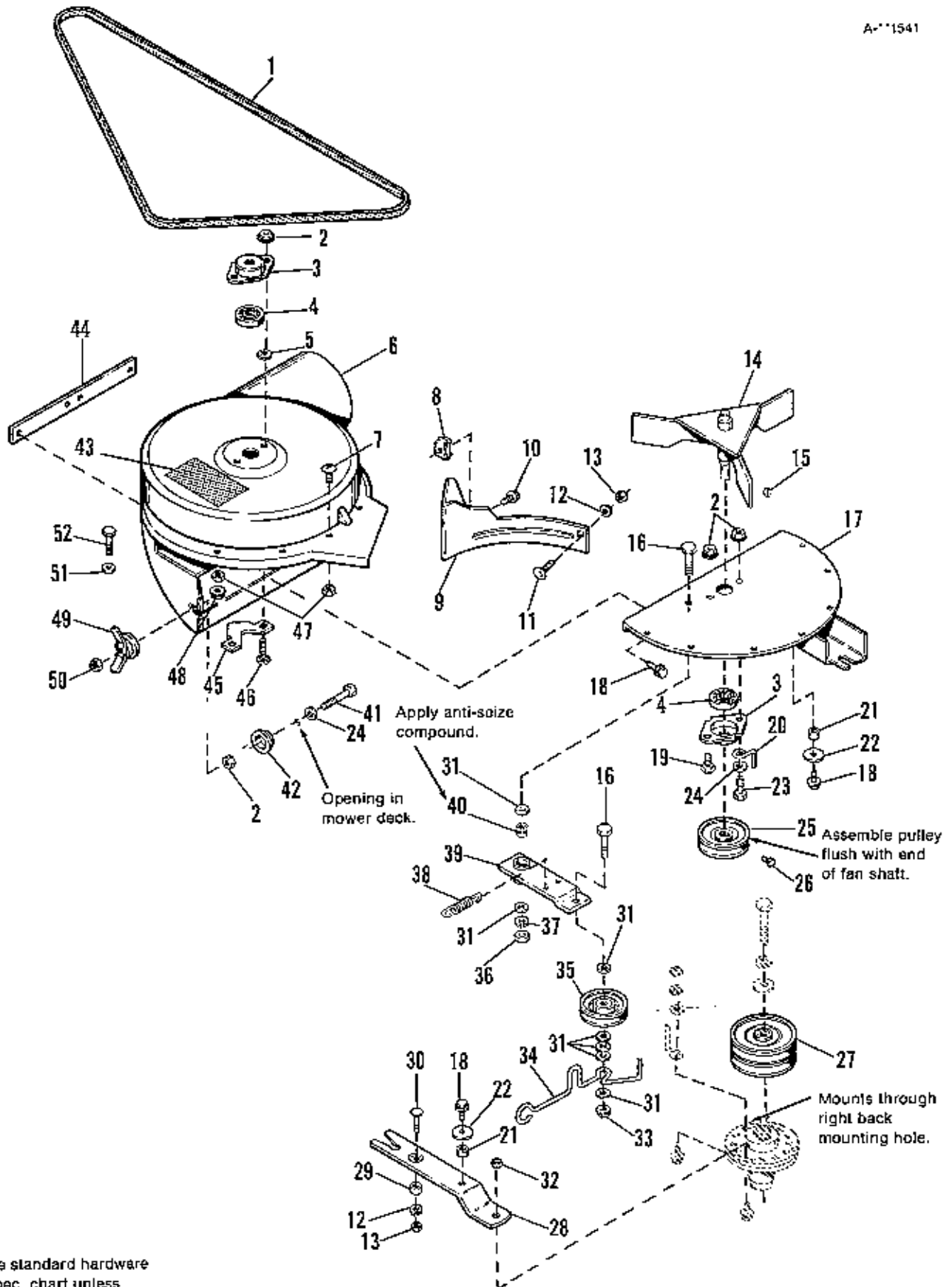
Ref. No.	Part No.	Qty.	Description
35	1916965	1	LOCKWASHER, 3/8
36	1701095	1	STOP, Belt
37	1708029	1	PULLEY, Idler
38	1679554	1	SPRING, Tension
39	1700861	1	IDLER ARM ASSY.
40	1666114	1	SPACER
41	1700415	1	BELT, Turbo
42	1930645	1	NUT, Hex, Flange Lock, 3/8-16
43	1931333	2	CARRIAGE BOLT, 5/16-18 x 3/4
44	1678811	1	PLATE, Flange, Blower Housing
45	1960273	1	CARRIAGE BOLT, 5/16-18 x 2-1/4
46	1930642	1	NUT, Flange Lock, 1/4-20
47	1679164	1	CUP
48	1679163	1	NUT ASSY., Wing
49	1923362	2	NUT, Hex, Full, Lock, 5/16-18
50	1672689	1	"S" HOOK
51	1921319	1	WASHER, Plain, 9/32
52	1921961	1	CAPSCREW, Hex Hd., 1/4-20 x 1-1/4
53	1679207	1	HINGE
54	1673450	6	RIVET, Pop
55	1960114	2	WASHER (As Required)
56	1919326	1	WASHER, 11/32
57	1704960	1	COVER ASSY., Pulley
*58	1679165	1	MOLDING
*59	1930627	1	NUT, Hex, Full Lock, #10-32
*60	1679204	1	"S" HOOK
*61	1679205	1	STRAP
*62	1960096	1	WASHER, Special
*63	1930531	1	SCREW, Truss, #10-32 x 1/2
*64	1920283	3	WASHER, Special
*65	1960272	1	CAPSCREW, Hex, 5/16-18 x 5-1/2
*66	1679085	1	SPACER
*67	1919381	1	WASHER, 5/16
*68	1917356	1	LOCKWASHER, 5/16
*69	1917372	1	NUT, Hex, Full, 5/16-18
*70	1923362	1	NUT, Hex, Full, Lock, 5/16-18

*Used on Mfg. No. 1691810 only.

Ref. Nos. 1 - 34 found on pages 40 & 41.

Turbo Collector Blower for 36" Mowers - 4000 Series

A-11541

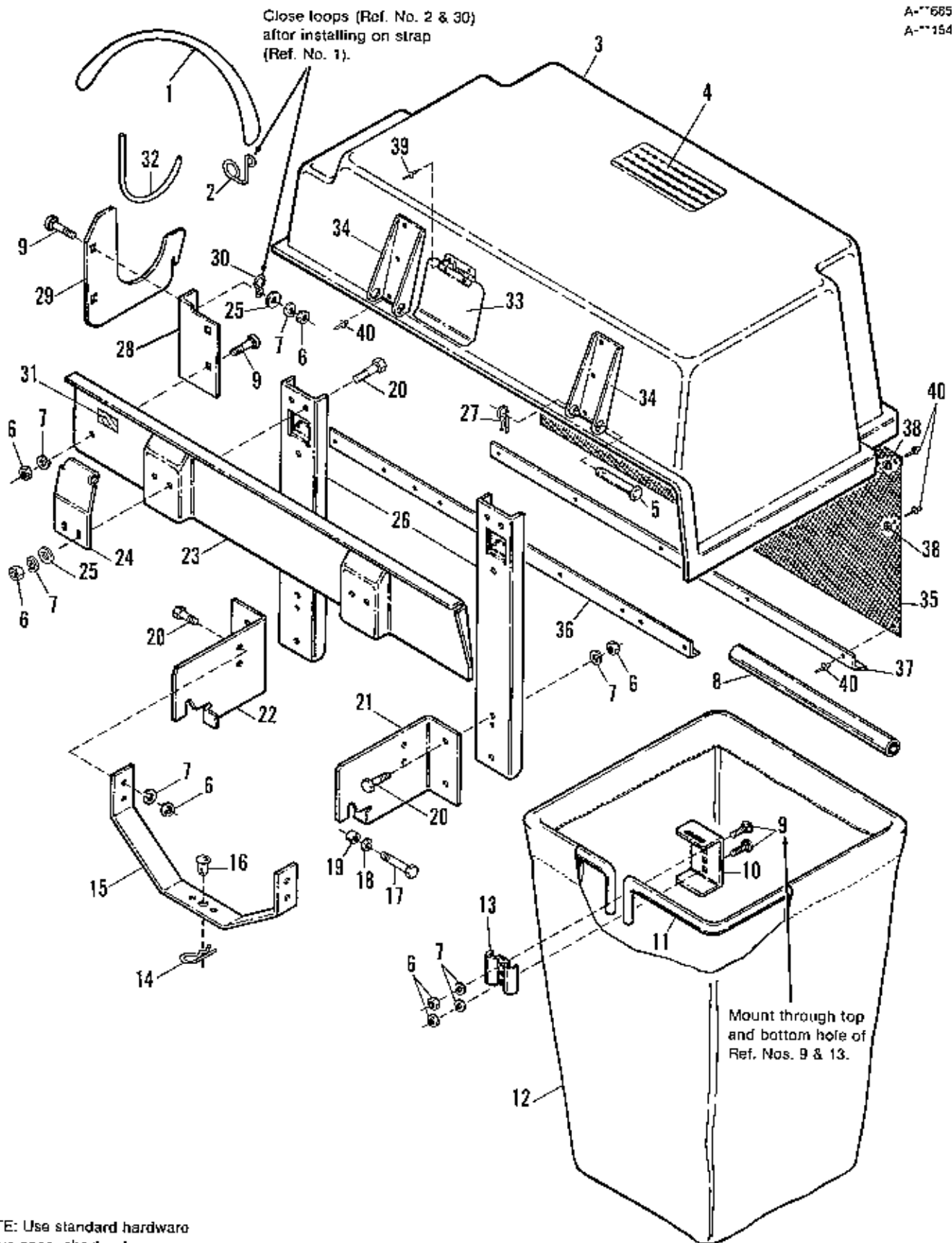


Turbo Collector Blower for 36" Mowers - 4000 Series

Ref. No.	Part No.	Qty.	Description
1	1679915	1	BELT
2	1927557	4	NUT, Flange Lock, 5/16-18
3	1667341	2	BEARING, Retainer
4	1705899	2	BEARING
5	933988	4	PUSHNUT, 5/16
6	1700965	1	HOUSING ASSY., (Incl. Ref. No. 53)
7	1921959	6	SCREW, Truss Hd., 1/4-20 x 5/8
8	920462	1	NUT, Retainer, 1/4-20
9	1672171	1	BAFFLE
10	1931646	1	SCREW, Whizlock 1/4-20 x 1/2
11	1960252	1	CARRIAGE BOLT, 1/4-20 x 5/8
12	1916964	2	LOCKWASHER, 1/4
13	1916622	2	NUT, Hex Full, 1/4-20
14	1678601	1	FAN ASSY.
15	918312	1	KEY, Woodruff
16	1921971	2	CAPSCREW, 3/8-16 x 1-3/4
17	1700696	1	PLATE ASSY.
18	1927429	5	SCREW, Taptite, 1/4-20 x 5/8
19	1920787	1	CAPSCREW, Hex Hd., 5/16-18 x 1/2
20	1678924	1	STOP, Belt
21	1675339	2	SPACER
22	1960151	2	WASHER, Special
23	1960104	1	CAPSCREW, Hex Thin Hd., 5/16-18 x 3/4
24	1919326	2	WASHER, Plain, 11/32
25	1702685	1	PULLEY, Driven
26	1928691	1	SETSCREW, 5/16-18 x 1/2
27	1700705	1	PULLEY ASSY.
28	1700694	1	STRAP
29	1700695	1	SPACER
30	1931320	1	CARRIAGE BOLT, 1/4-20 x 1-1/4
31	1924940	7	WASHER, Plain 13/32
32	1928698	1	NUT, Hex Jam Lock, 5/16-18
33	1930645	1	NUT, Hex Flange Lock, 3/8
34	1701095	1	LEVER, Belt, Retainer
35	1708029	1	PULLEY, Idler
36	1916950	1	NUT, Hex Full, 3/8-16
37	1916965	1	LOCKWASHER, 3/8
38	1679554	1	SPRING, Tension
39	1700861	1	IDLER ARM ASSY.
40	1666114	1	SPACER
41	1960318	1	CAPSCREW, Hex, 5/16-18 x 2-1/2
42	1679164	1	CUP
43	1700259	1	DECAL, Danger
44	1678946	1	STRIP, Reinforcement
45	1678811	1	PLATE, Flange
46	1931333	2	CARRIAGE BOLT, 5/16-18 x 3/4
47	1930641	7	NUT, Hex, Lock, Nylon, 1/4-20
48	1930642	1	NUT, Hex, Flange Lock, 1/4-20
49	1679163	1	NUT ASSY.
50	1923362	1	NUT, Hex, Full, Lock, 5/16-18
51	1921319	1	WASHER, Plain, 1/4
52	1921960	1	CAPSCREW, Hex, 1/4-20 x 1

Grass Catcher - Cover, Bag & Support Group

A-77685
A-771549



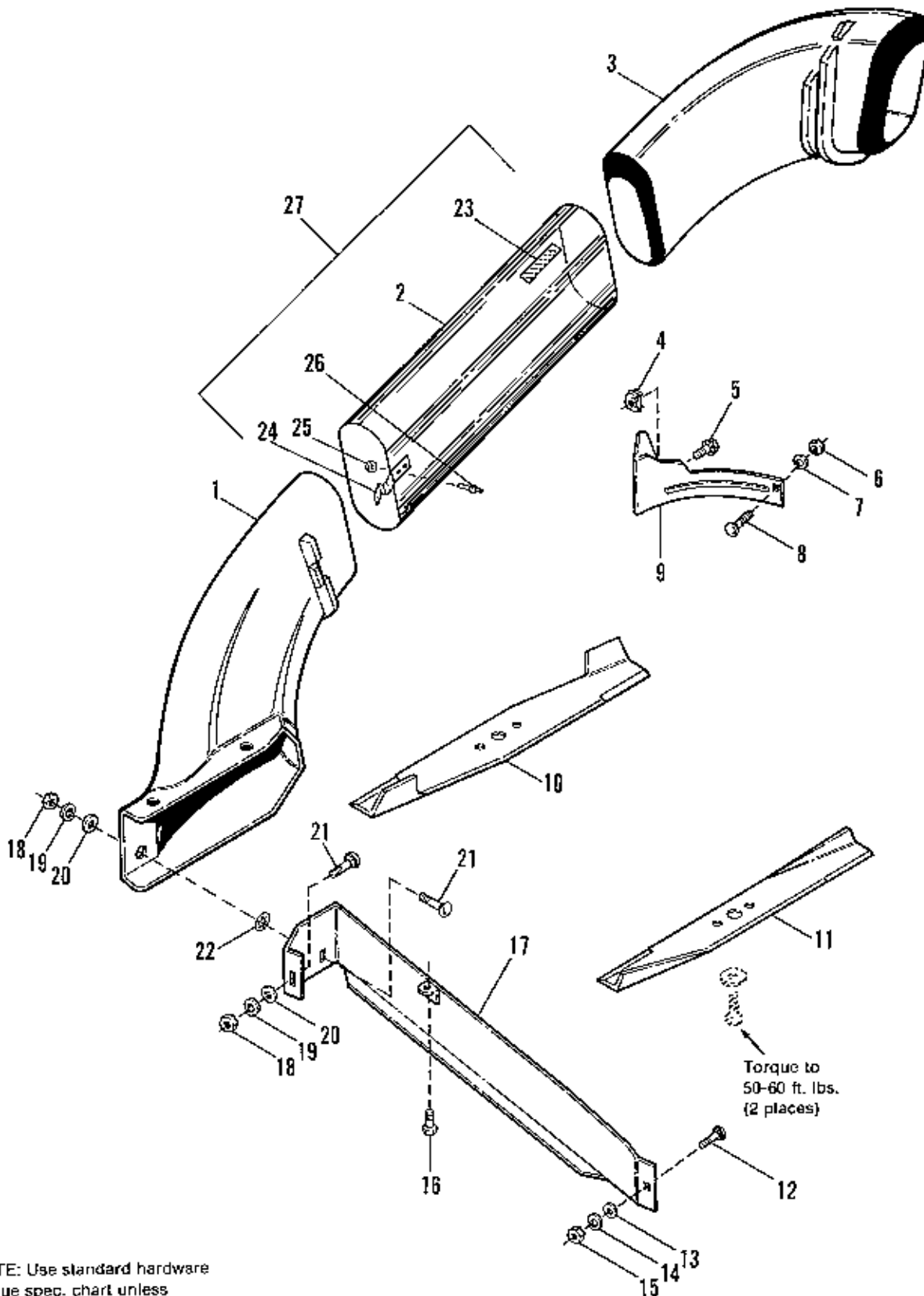
NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

Grass Catcher - Cover, Bag & Support Group

Ref. No.	Part No.	Qty.	Description
1	1665872	1	STRAP
2	1672688	1	HOOK, Strap
3	1675293	1	COVER ASSY. (Incl. Ref. Nos. 4, 33 & 34)
4	1676923	1	DECAL, Warning
5	1672344	2	PIN
6	1917372	20	NUT, Hex, 5/16-18
7	1917356	20	LOCKWASHER, 5/16
8	1675707	2	TUBE
9	1931334	8	BOLT, Carriage, 5/16-18 x 7/8 (Qty. 9 Deluxe only)
10	1672333	2	HANGER
11	1673602	2	HOOP, Bag
12	1672346	2	BAG, Grass
13	1672023	2	CLAMP
14	106788	1	CLIP, Hairpin
15	1672328	1	BRACE, Lower
16	1672365	1	PIN, Pivot
17	1920415	2	CAPSCREW, Hex, 3/8-16 x 1-1/4
18	1917378	2	WASHER, 3/8
19	158227	2	SPACER
20	1923325	12	CAPSCREW, Hex, 5/16-18 x 7/8
21	1672330	1	SUPPORT, L.H.
22	1672331	1	SUPPORT, R.H.
23	1672341	1	PLATE, Support, Cover
24	1672345	2	PLATE, Hinge
25	1917642	5	WASHER, 3/8 x 7/8
26	1672329	2	BRACE, Upper
27	106787	2	CLIP, Hairpin
28	1672325	1	MOUNT, Saddle Bracket
29	1672335	1	BRACKET, Saddle Assy.
30	1672689	1	"S" HOOK
31	1676924	1	DECAL
32	1673874	1	TRIM
33	1673201	1	DOOR & HINGE
34	1672324	2	HINGE, Bracket
35	1672340	1	SCREEN
36	1672323	1	BRACKET, Front Cover
37	1672322	1	BRACKET, Rear Cover
38	910531	4	WASHER, Rivet
39	1673450	2	RIVET, Pop
40	1673320	32	RIVET, Pop

Deluxe Grass Catcher - Tube & Blade Group

A-11677

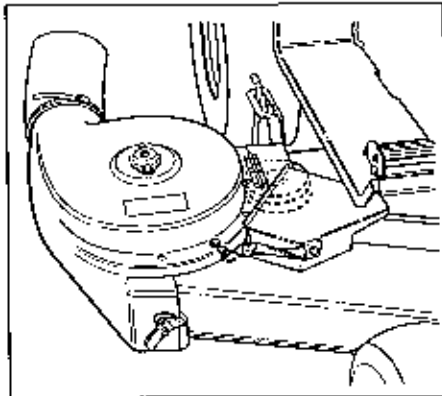


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Deluxe Grass Catcher - Tube & Blade Group

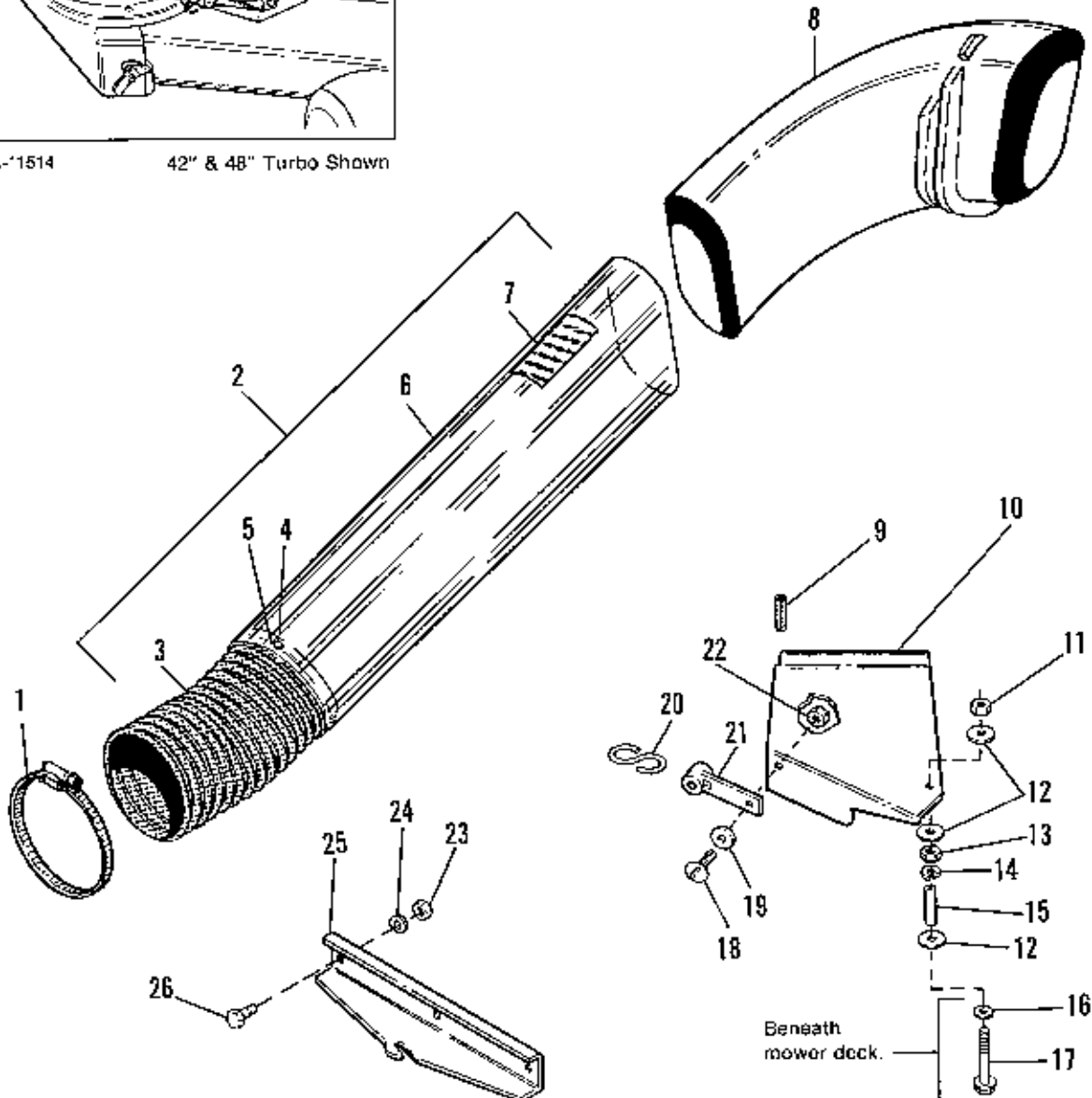
Ref. No.	Part No.	Qty.	Description
1	1669029	1	ADAPTOR
2		1	TUBE (Not Serviced Separately) (See Ref. No. 27)
3	1669793	1	ELBOW
4	920462	1	NUT, Retainer, 1/4-20
5	1931646	1	SCREW, Whizlock, 1/4-20 x 1/2
6	1916622	1	NUT, Hex, 1/4-20
7	1916964	1	LOCKWASHER, 1/4
8	1923333	1	BOLT, Carriage, 1/4-20 x 5/8
9	1672171	1	BAFFLE, Deflector Side
10	1671565	1	BLADE, R.H.
11	1671593	1	BLADE, L.H.
12	1931334	1	BOLT, Carriage, 5/16-18 x 7/8
13	1917377	1	WASHER, 1/4
14	1917356	1	LOCKWASHER, 5/16
15	1917372	1	NUT, Hex, 5/16-18
16	1924856	1	SCREW, Taprite, 5/16-18 x 1/2
17	1656053	1	BAFFLE ASSY., Discharge
18	1916950	2	NUT, Hex, 3/8-16
19	1916965	2	LOCKWASHER, 3/8
20	1917378	4	WASHER, 3/8
21	1931348	3	BOLT, Carriage, 3/8-16 x 3/4
22	931942	3	NUT, Push-On
23	1675766	1	DECAL, Cleaning Instructions
24	1673757	1	SPRING, Retaining Tube
25	1910531	2	WASHER, Rivet
26	928706	2	RIVET, Tubulat
27	1673682	1	TUBE ASSY. (Incl. Ref. Nos. 2, 23, 24, 25 & 26)

Assembled View



A-1514

42" & 48" Turbo Shown



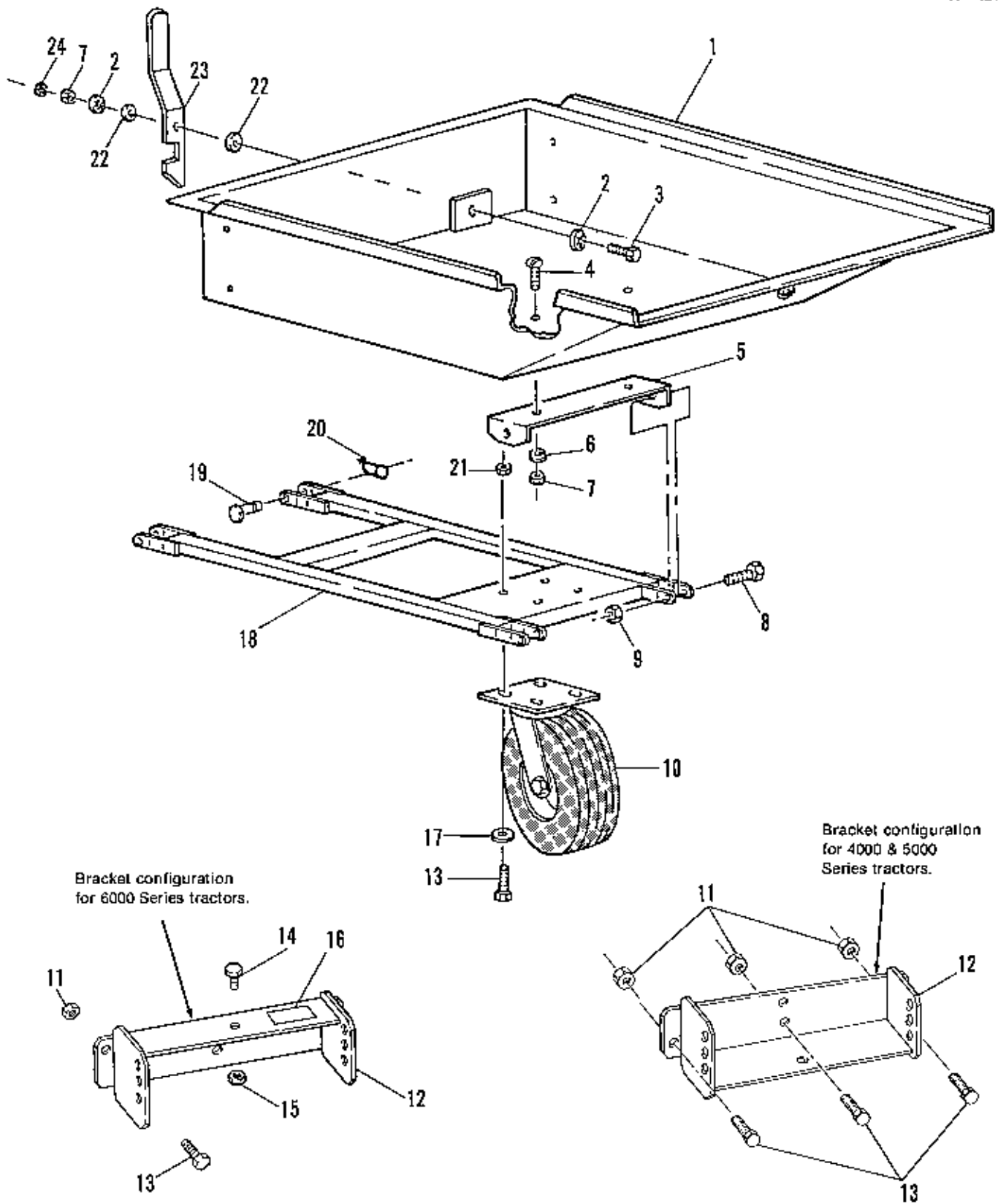
NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Twin Bag Collector - Tube & Support Group

Ref. No.	Part No.	Qty.	Description
1	1679898	1	CLAMP, 6"
2	1676176	1	TUBE ASSY. (Incl. Ref. Nos. 3 - 7)
3	1679895	1	HOSE, Exhaust
4	1673320	2	RIVET, Pop
5	1910531	4	WASHER, Rivet
6	1679174	1	TUBE
7	1675766	1	DECAL, Cleaning Inst.
8	1669793	1	ELBOW, Tube to Catcher
9	1679165	1	MOULDING
10	1679133	1	COVER ASSY., Arbor
11	1917372	1	NUT, HexFull, 5/16-18
12	1920283	3	WASHER, Special
13	1923362	1	NUT, Hex, Centerlock, 5/16-18
14	1917356	1	LOCKWASHER, 5/16
15	1679085	1	SPACER
16	1919381	1	WASHER, Plain, 5/16
17	1960272	1	CAPSCREW, Hex, 5/16-18 x 5-1/2
18	1930531	1	SCREW, Truss Hd.
19	1960096	1	WASHER, Special
20	1679204	1	"S" HOOK
21	1679205	1	STRAP, Arbor Cover
22	1930627	1	NUT, Hex, Centerlock, #10-32
23	1916950	3	NUT, Hex, Full, 3/8-16
24	1916965	3	LOCKWASHER, 3/8
25	1669193	1	SUPPORT, Attachment
26	1920415	3	CAPSCREW, Hex, 3/8-16 x 1

NOTE: Ref. Nos. 9 - 22 used with 42" & 48" Turbo Blower Assys. only.

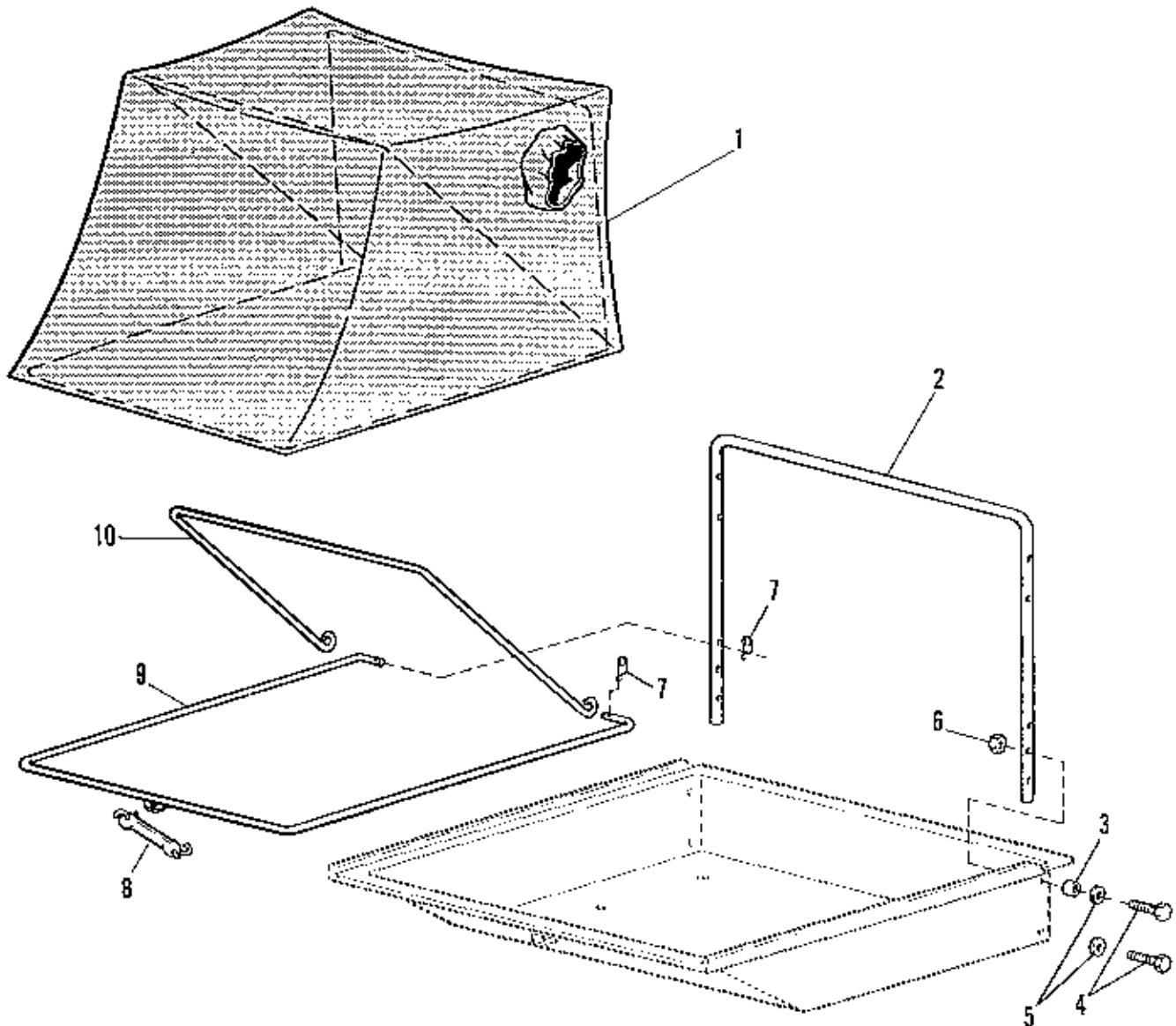
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A-111517A



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Cart Collector - Cart Group

Ref. No.	Part No.	Qty.	Description
1	1701925	1	BOX (Order 1691243 from wholegoods.)
2	177649	2	WASHER, Spring, 5/16
3	1921977	1	CAPSCREW, Hex Hd., 5/16-18 x 1-1/4
4	1918249	2	BOLT, Slotted Truss Hd., 5/16-18 x 3/4
5	1676891	1	"U" BRACKET
6	1917356	4	LOCKWASHER, 5/16
7	1917372	4	NUT, Hex, 5/16-18
8	1921176	2	CAPSCREW, Hex Hd., 1/2-13 x 1-1/4
9	1922134	2	NUT, Hex Lock, 1/2-13
10	1676892	1	WHEEL, Sewivel
11	1930651	3	NUT, Hex Lock 3/8-16
12	1676898	1	BRACKET, Hitch
13	1921210	7	CAPSCREW, Hex, 3/8-16 x 1
14	1921965	1	CAPSCREW, Hex, 3/8-16 x 3/4 (6000 Series Tractors Only)
15	1930651	8	NUT, Hex Full Lock, 3/8-16
16	1700346	1	DECAL, Warning (6000 Series Only)
17	1917378	4	FLATWASHER, 3/8 S.A.E.
18	1676889	1	FRAME
19	102004	2	PIN, Clevis, 1/2 x 1-1/4
20	176012	2	COTTER, Hairpin
21	1930651	4	NUT, Hex Lock, 3/8-16
22	1917642	2	FLATWASHER, 5/16
23	1700765	1	HANDLE, Latch
24	1920161	1	NUT, Hex, Jam, 5/16-18



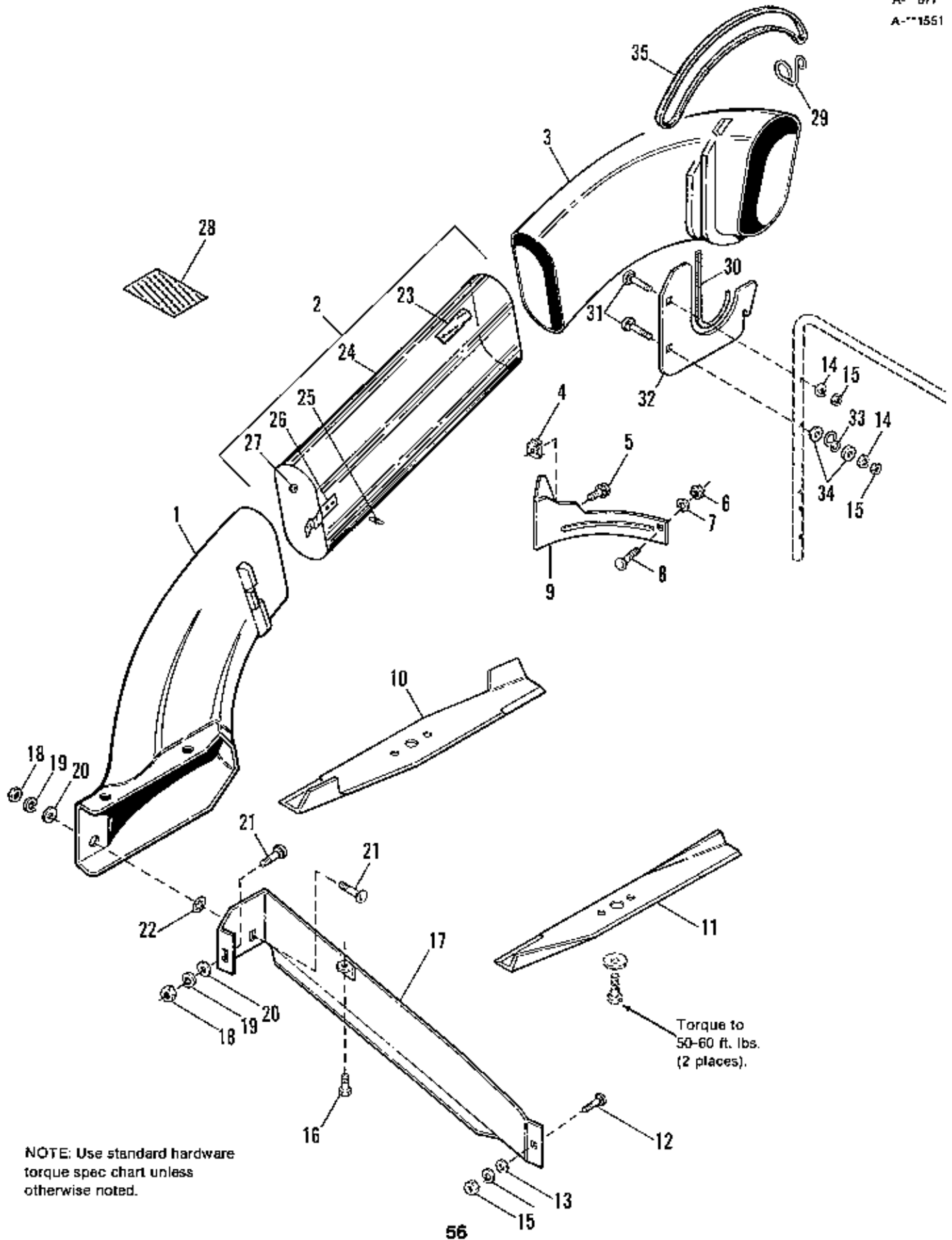
NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

Cart Collector - Cover Group

Ref. No.	Part No.	Qty.	Description
1	1702003	1	COVER
2	1700264	1	TUBE, Support
3	1700267	2	SPACER, Plastic
4	1921677	4	CAPSCREW, 5/16-18 x 1-1/2
5	1917642	4	WASHER, 5/16
6	1923362	4	NUT, Lock, 5/16-18
7	176012	2	COTTER, Hairpin
8	1700266	1	STRAP, Rubber
9	1700268	1	ROD, Frame
10	1700265	1	ROD, Support

Cart Collector - Tube & Blade Group

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A-11551



NOTE: Use standard hardware
torque spec chart unless
otherwise noted.

Torque to
50-60 ft. lbs.
(2 places).

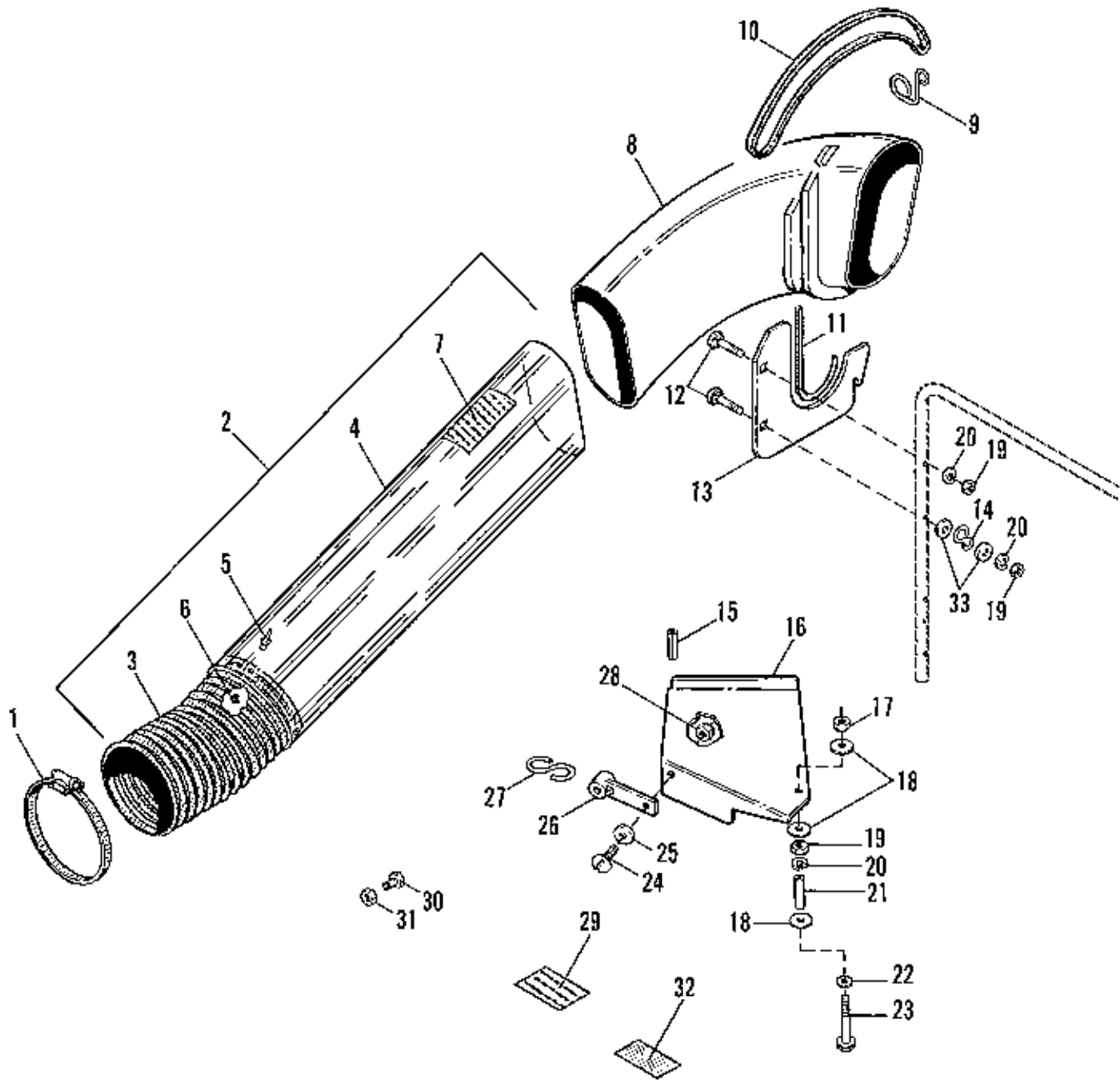
Cart Collector - Tube & Blade Group

Ref. No.	Part No.	Qty.	Description
1	1669029	1	ADAPTOR
2	1676881	1	TUBE ASSY.
3	1669793	1	ELBOW
4	920462	1	NUT, Retainer, 1/4-20
5	1931646	1	SCREW, Whizlock, 1/4-20 x 1/2
6	1916622	1	NUT, Hex, 1-4-20
7	1916964	1	LOCKWASHER, 1/4
8	1960252	1	CARRIAGE BOLT, 1/4-20 x 5/8
9	1672171	1	BAFFLE, Deflector Side
10	1671565	1	BLADE, R.H.
11	1671593	1	BLADE, L.H.
12	1931334	1	CARRIAGE BOLT, 5/16-18 x 7/8
13	1917377	1	WASHER, 1/4
14	1917356	3	LOCKWASHER, 5/16
15	1917372	3	NUT, Hex, 5/16-18
16	1924856	1	SCREW, Tapite, 5/16-18 x 1/2
17	1658053	1	BAFFLE ASSY., Discharge
18	1916950	2	NUT, Hex, 3/8-16
19	1916965	2	LOCKWASHER, 3/8
20	1917378	4	WASHER, 3/8
21	1931348	3	CARRIAGE BOLT, 3/8-16 x 3/4
22	931942	3	NUT, Push On
23	1675766	1	DECAL, (Cleaning Instructions)
24		1	TUBE (See Ref. No. 2)
25	926706	2	RIVET
26	1673757	1	SPRING, Tube, Retaining
27	910531	2	WASHER, Rivet
28	1676923	1	DECAL, Warning, Cover
29	1672688	1	HOOK, Strap
30	1673874	1	TRIM
31	1931338	2	BOLT, Rd. Hd., 5/16-18 x 1-3/4
32	1672335	1	BRACKET, Saddle
33	1672689	1	"S" HOOK
34	1917642	2	WASHER, 5/16
35	1665872	1	STRAP, Rubber

Cart Collector - Tube & Support Group

A-**1516

A-**1551

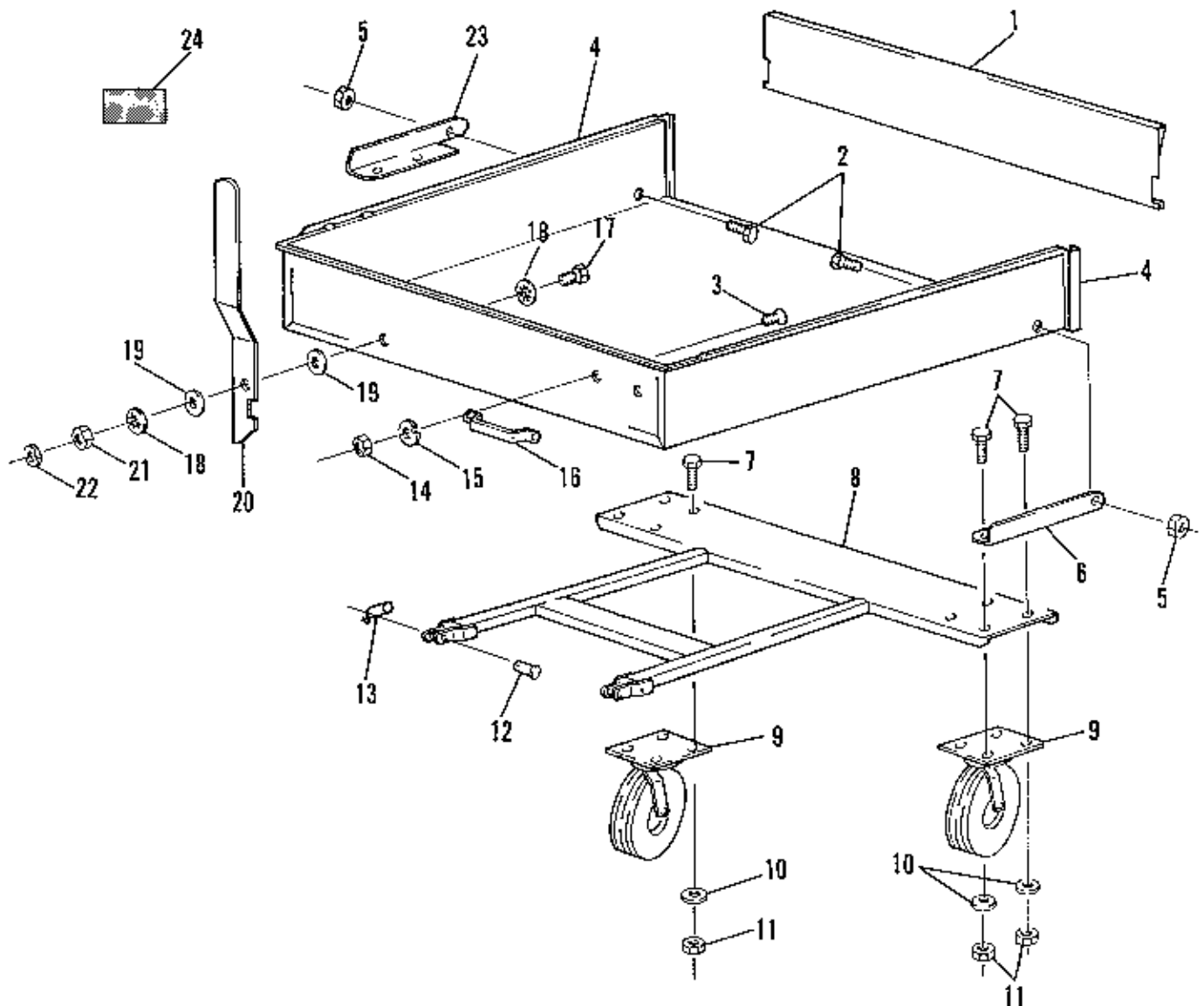


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Cart Collector - Tube & Support Group

Ref. No.	Part No.	Qty.	Description
1	1679896	1	CLAMP, 6"
2	1679177	1	TUBE ASSY., 38" (Incl. Ref. Nos. 3 - 7)
3	1679895	1	HOSE, Exhaust
4	1679175	1	TUBE
5	1673320	4	RIVET, Pop
6	910531	4	WASHER, Rivet
7	1675766	1	DECAL, Cleaning Instructions
8	1669793	1	ELBOW, Tube to Catcher
9	1672688	1	HOOK, Strap
10	1665872	1	STRAP, Rubber
11	1673874	1	TRIM
12	1931338	2	CARRIAGE BOLT, 5/16-18 x 1-3/4
13	1672335	1	BRACKET, Saddle
14	1672689	1	"S" HOOK
15	1679165	1	MOULDING
16	1679133	1	COVER ASSY., Arbor
17	1923362	1	NUT, Hex, Centerlock, 5/16-18
18	1920283	3	WASHER, 5/16
19	1917372	3	NUT, Hex, Full, 5/16-18
20	1917356	3	LOCKWASHER, 5/16
21	1679085	1	SPACER
22	1919381	1	WASHER, Plain, 5/16
23	1960272	1	CAPSCREW, Hex Hd., 5/16-18 x 5-1/2
24	1930531	1	SCREW, Truss Hd., #10-32 x 1/2
25	1960096	1	WASHER, Plain
26	1679205	1	STRAP, Arbor Cover
27	1679204	1	"S" HOOK
28	1930627	1	NUT, Hex, Centerlock, #10-32
29	1676923	1	DECAL, Warning, Cover
30	1921965	1	CAPSCREW, Hex Hd., 3/8-16 x 3/4
31	1930651	1	NUT, Hex, Full Lock, 3/8-16
32	1700346	1	DECAL, Warning
33	1917642	2	WASHER, Plain, 5/16

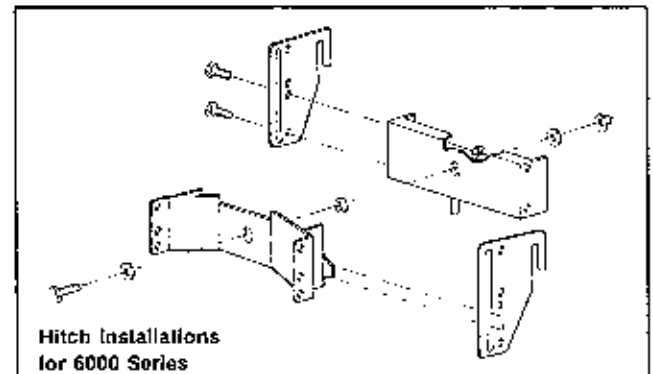
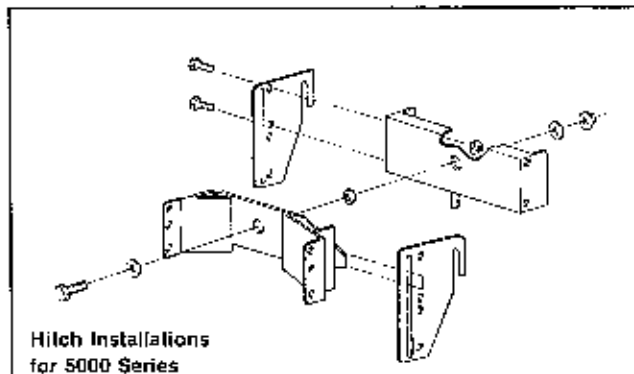
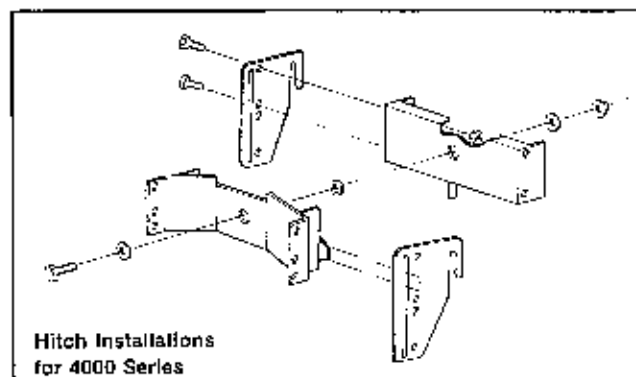
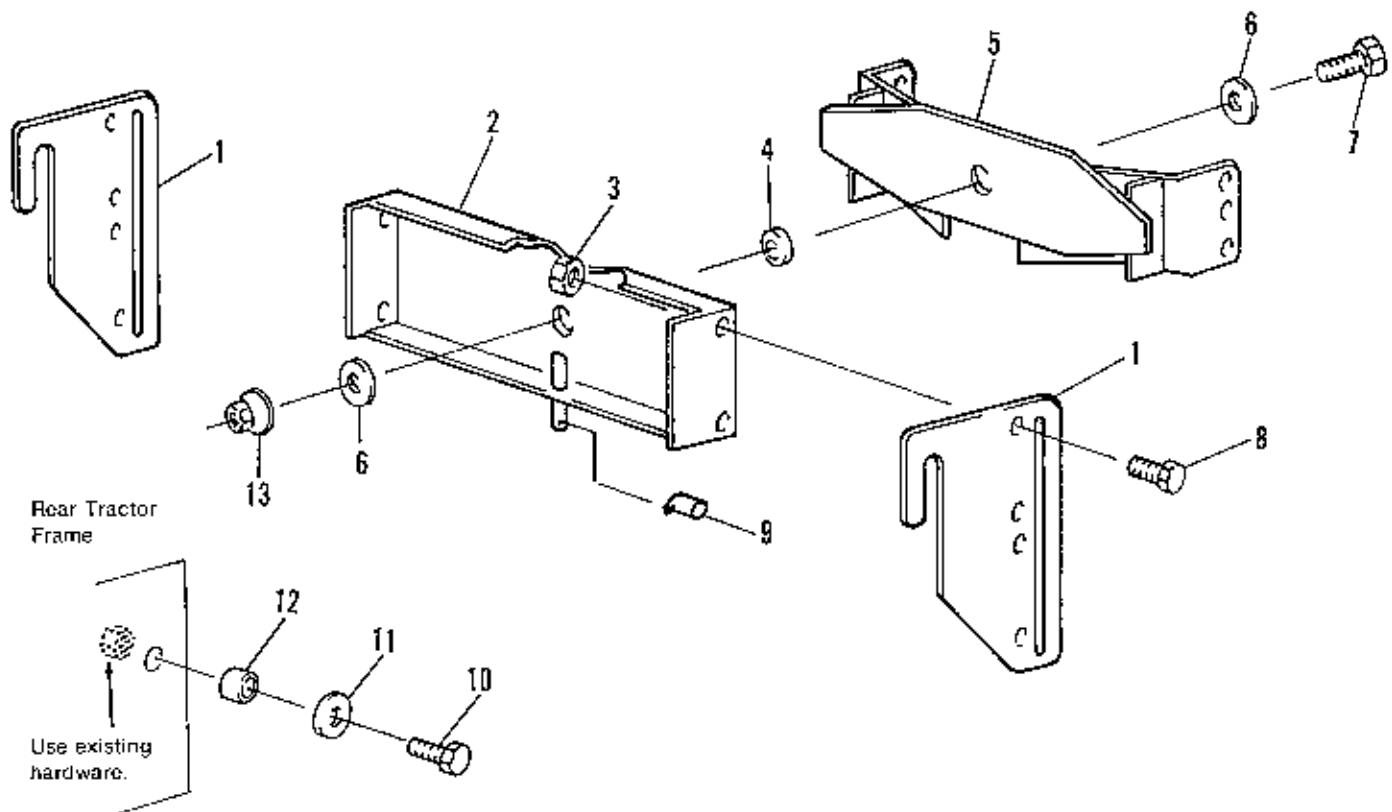
Note: Ref. Nos. 15 - 29 and Ref. No. 32 used with
42" & 48" Turbo Blowers only.



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Quad Bagger Dump Cart Group

Ref. No.	Part No.	Qty.	Description
1	1703337	1	TAILGATE
2	1923114	2	CAPSCREW, 1/2-13 x 1
3	1921958	2	CAPSCREW, Hex, 1/4-20 x 1/2
4	1703338	1	BOX
5	1922134	2	NUT, Hex, Lock, 1/2-13
6	1703334	1	BRACKET, Pivot, L.H.
7	1921210	8	CAPSCREW, Hex
8	1703336	1	FRAME
9	1676892	2	WHEEL, Swivel
10	1917378	8	WASHER, 3/8
11	1930851	8	NUT, Hex, Lock, 3/8-16
12	102004	2	PIN, Clevis, 1/2 x 1-1/2
13	176012	2	PIN, Safety
14	1916622	2	NUT, Hex, 1/4-20
15	1916964	2	LOCKWASHER, 1/4
16	1700768	1	HANDLE, Lift
17	1921977	1	CAPSCREW, 5/16-18 x 1-1/4
18	1917642	2	WASHER, 5/16
19	1700766	2	WASHER, Spring, 5/16
20	1700765	1	HANDLE, Latch
21	1917372	1	NUT, Hex, Full, 5/16-18
22	1920161	1	NUT, Hex, Jam, 5/16-18
23	1703335	1	BRACKET, Pivot, R.H.
24	1703370	1	DECAL, Max. Capacity

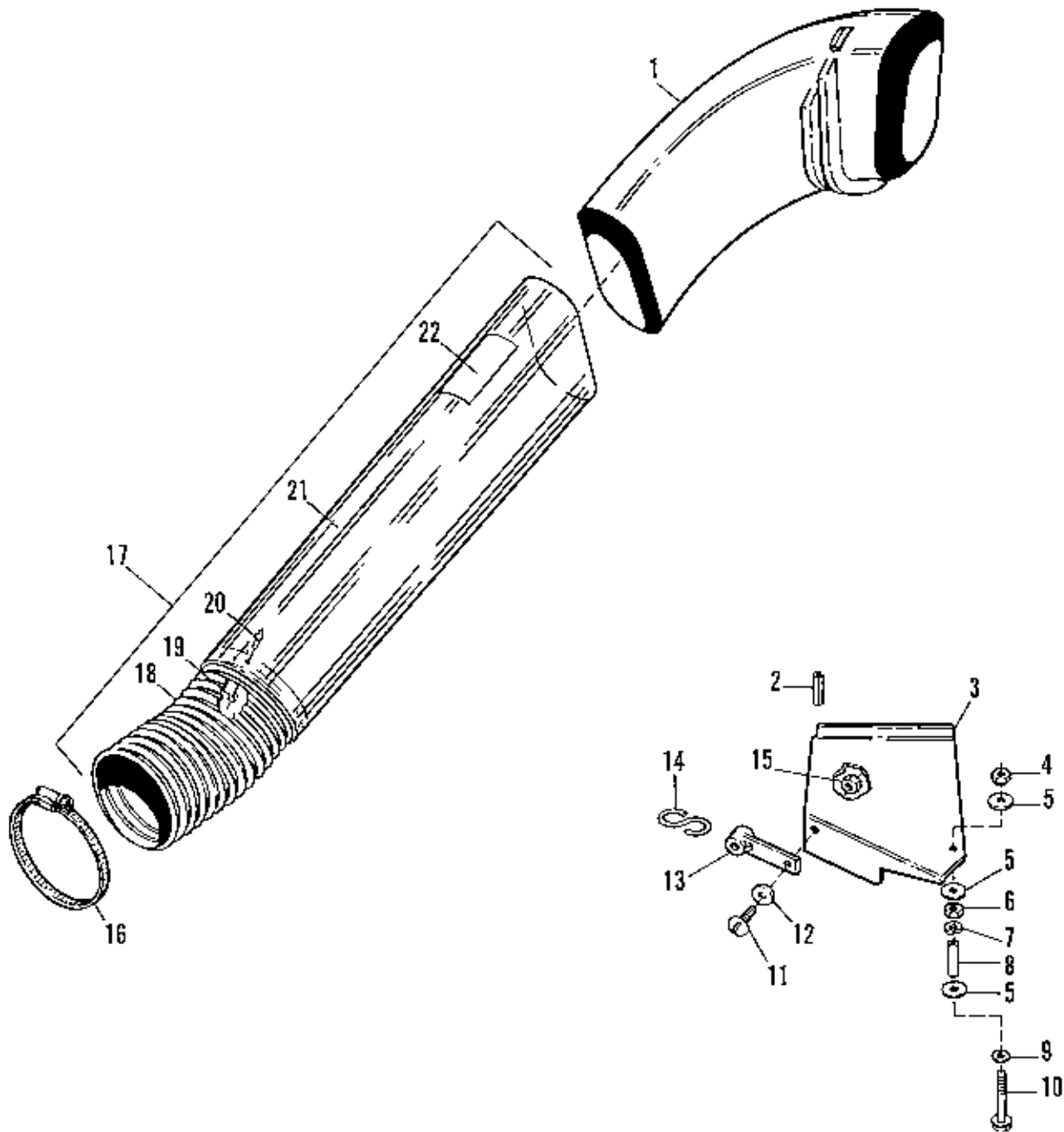


Quad Bagger Cart Hitch Group

Ref. No.	Part No.	Qty.	Description
1	1703160	2	PLATE, Hitch, Side
2	1703018	1	SUPPORT ASSY., Hitch
3	1930651	4	NUT, Hex, Lock, 3/8-16
4	1703211	1	SPACER
5	1703198	1	PIVOT HITCH ASSY.
6	960154	2	FLATWASHER, 1/2
7	1921176	1	CAPSCREW, 1/2-13 x 1-1/4
8	1921965	4	CAPSCREW, 3/8-16 x 3/4
9	176012	1	PIN, Safety
10	1920415	2	CAPSCREW, 3/8-16 x 1-1/4
11	1917378	2	FLATWASHER, 3/8
12	158227	2	SPACER
13	1930644	1	NUT, Flange Lock, 1/2-13

Quad Bagger - Tube & Pulley Cover Assy.

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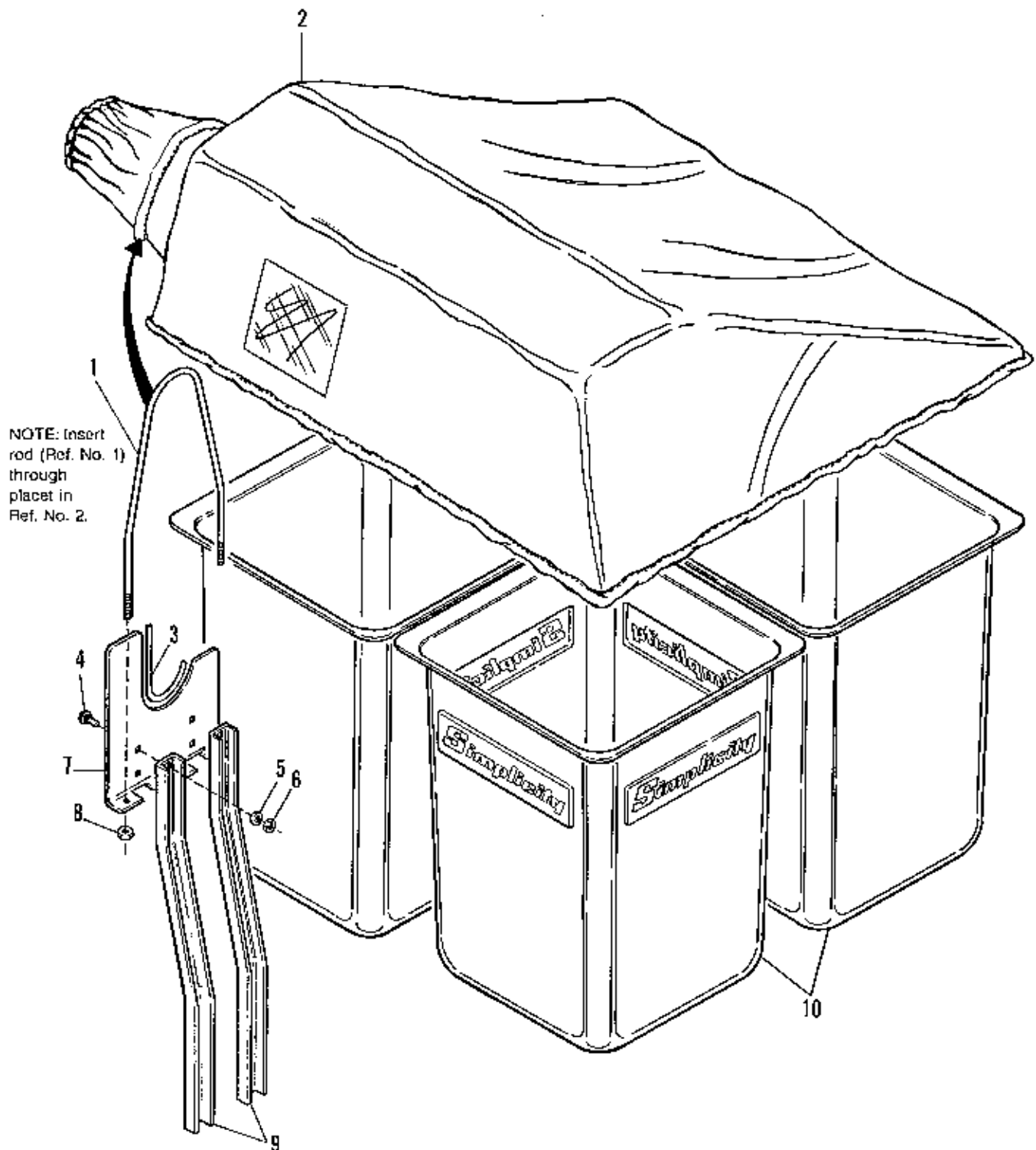


NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

Quad Bagger - Tube & Pulley Cover Assy.

Ref. No.	Part No.	Qty.	Description
1	1669793	1	ELBOW
2	1679165	1	MOULDING
3	1679133	1	COVER ASSY.
4	1923362	2	LOCKNUT, Hex, Full, 5/16-18
5	1920283	3	WASHER, Special
6	1917372	1	NUT, Hex, Full, 5/16-18
7	1917356	1	LOCKWASHER, 5/16
8	1679085	1	SPACER
9	1919381	1	WASHER, Plain, 5/16
10	1980272	1	CAPSCREW, Hex, 5/16-18 x 5-1/2
11	1930531	1	SCREW, Truss Hd., #10-32 x 1/2
12	1960096	1	WASHER, Special
13	1679205	1	STRAP
14	1679204	1	"S" HOOK
15	1930627	1	NUT, Hex, Full Lock, #10-32
16	1679896	1	CLAMP, 6" I.D.
17	1701865	1	TUBE ASSY., (Incl. Ref. Nos. 18 - 22)
18	1679895	1	HOSE, 6" I.D.
19	910531	4	WASHER, Rivet
20	1673320	4	RIVET, Pop
21	1701884	1	TUBE
22	1675766	1	DECAL, Cleaning Instructions

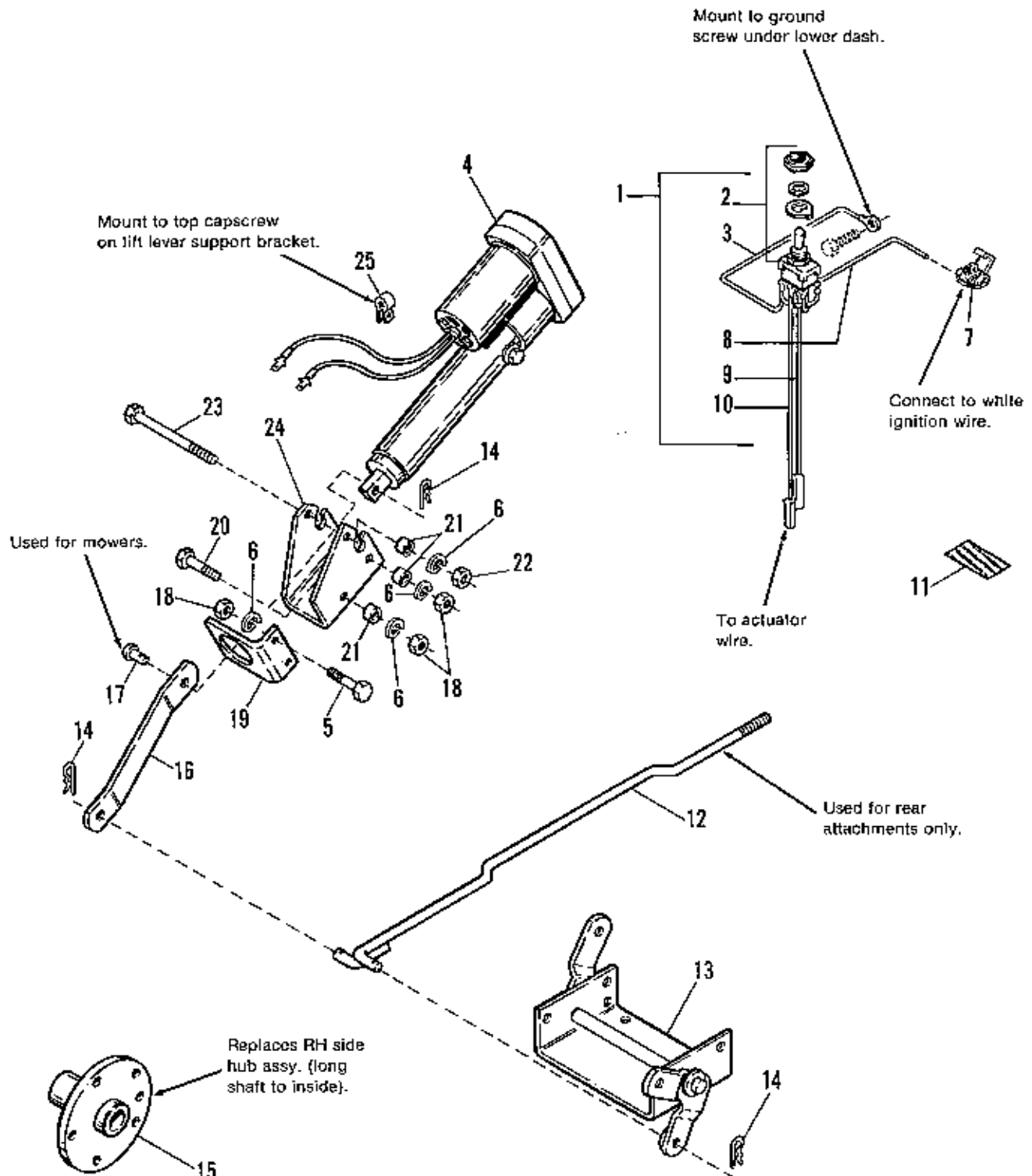
NOTE: Ref. Nos. 2-15 used on 41" & 48" Turbo Blower Assys. only.



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Quad Bagger - Cover & Support Group

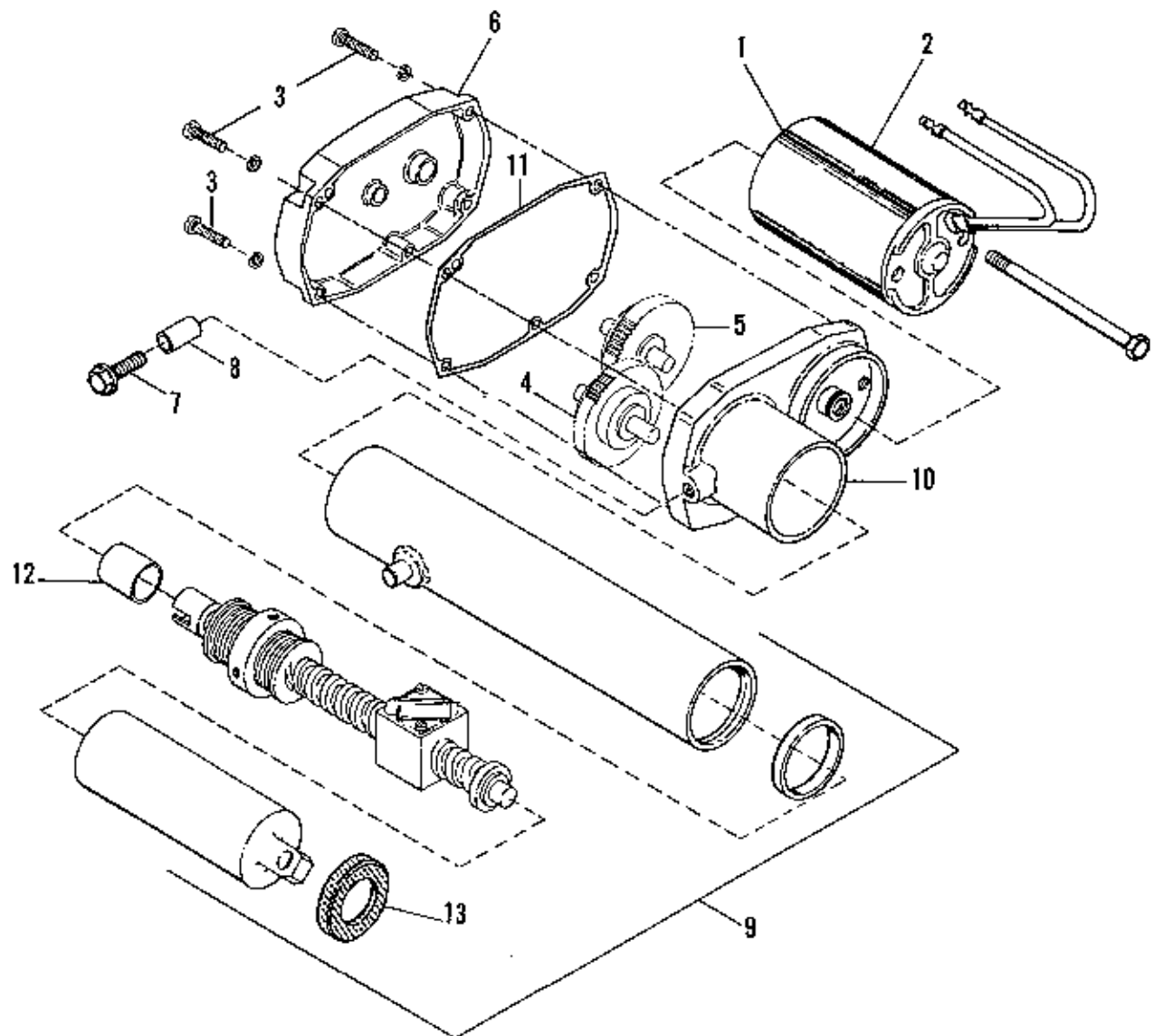
Ref. No.	Part No.	Qty.	Description
1	1702829	1	CLAMP, Elbow
2	1702243	1	HOOD
3	1673874	1	TRIM
4	1960252	4	CARRIAGE BOLT, 1/4-20 x 5/8
5	1916964	4	LOCKWASHER, Spring, 1/4
6	1916622	4	NUT, Hex, 1/4-20
7	1702827	1	BRACKET, Saddle
8	1923362	2	LOCKNUT, Hex, Full, 5/16-18
9	1702828	2	CHANNEL, Support
10	1702186	4	BASKET, Grass



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Electric Lift Kit

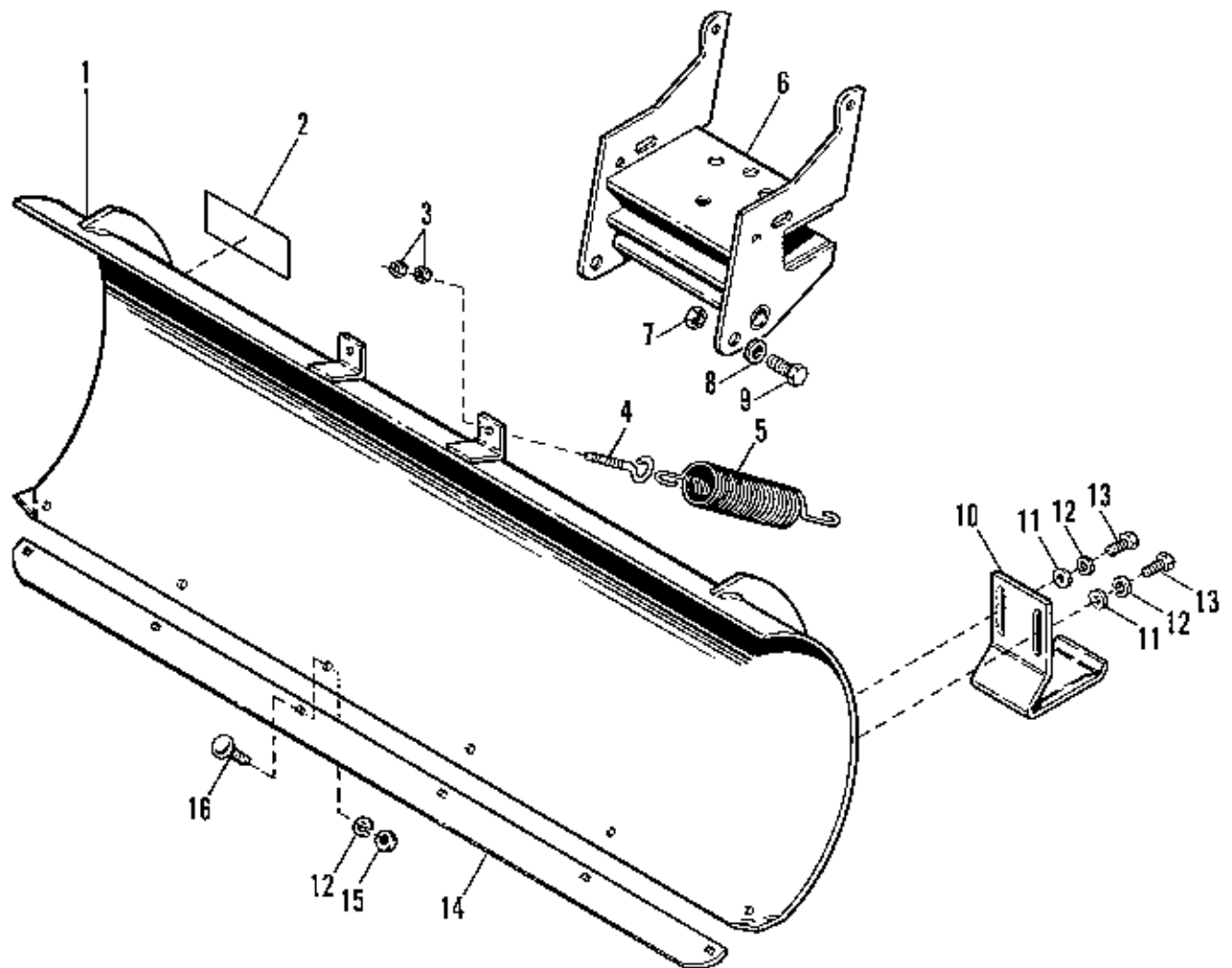
Ref. No.	Part No.	Qty.	Description
1	1702082	1	HARNESS ASSY., Electric Lift
2	171683	1	SWITCH, Electric
3	171689	1	WIRE, Switch to Ground
4	1667754	1	POWER LIFT ASSY. (See pages 66 & 67 for parts breakdown.)
5	1921333	2	CAPSCREW, Hex Hd., 5/16-18 x 1
6	1917356	4	LOCKWASHER, 5/16
7	1605751	1	CONNECTORS, Self-Stripping
8	1702075	1	WIRE, Switch to Ignition
9	1702077	1	WIRE, Switch to Lift
10	1702076	1	WIRE, Switch to Lift
11	1669833	1	DECAL, Lift Switch
12	1701880	1	ROD ASSY., Lift
13	1701908	1	ROD ASSY., Lift
14	1960033	3	PIN, Quick
15	1701914	1	HUB ASSY., Wheel
16	1701881	1	LINK, Actuator
17	102004	2	PIN, Pivot
18	1917372	4	NUT, Hex, 5/16-18
19	1701878	1	BRACKET, Actuator, Front
20	1921677	2	CAPSCREW, Hex Hd., 5/16-18 x 1-1/2
21	1665699	3	SPACER
22	1923362	1	NUT, Hex, Lock 5/16-18
23	1925692	1	CAPSCREW, Hex, Hd., 5/16-18 x 4-1/2
24	1701877	1	BRACKET, Actuator
25	1708008	1	CLAMP, Insulated



NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

Power Lift Assy.

Ref. No.	Part No.	Qty.	Description
1	1664756	1	BRUSH, w/Spring Set (Motor)
2	1663966	1	12 VOLT DC MOTOR
3	928589	4	SCREW, Fillister Hd.
4	1670755	1	GEAR ASSY., 4th
5	1670754	1	GEAR ASSY., 2nd & 3rd
6	1664757	1	COVER, Housing
7	1605773	1	CAPSCREW, Thd. Forming
8	1605778	1	PIN, Drive
9	1667787	1	BALL SCREW ASY.
10	1664758	1	HOUSING, Motor
11	1667788	1	GASKET, Cover
12	1605779	1	SLEEVE
13	1703531	1	SEAL, Rubber



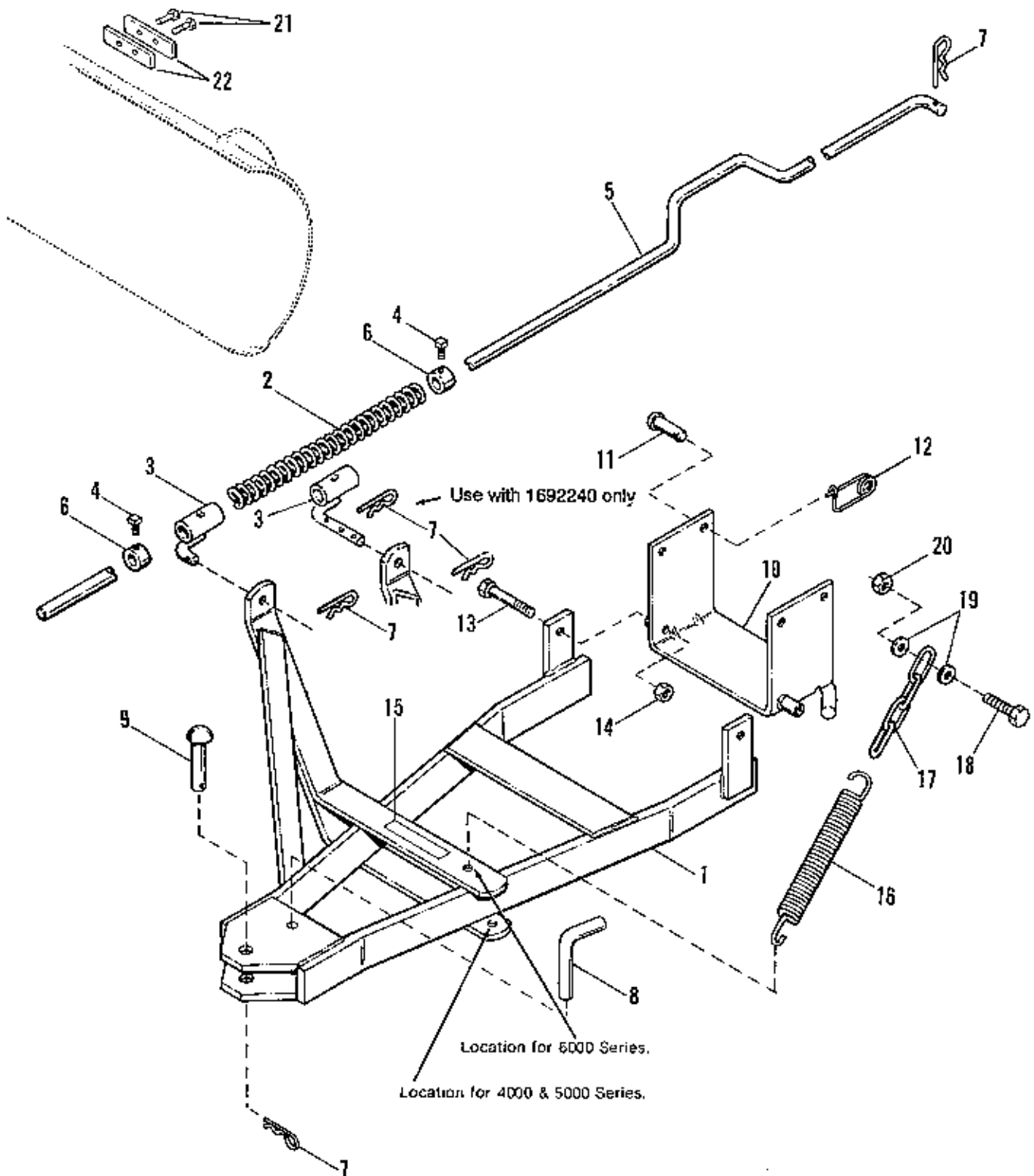
NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

42" Dozer Blade

Ref. No.	Part No.	Qty.	Description
1	1701477	1	BLADE ASSY.
2		1	I.D. PLATE
3	1917372	4	NUT, Hex, Full, 5/16-18
4	1675198	2	EYEBOLT
5	101126	2	SPRING, Tension
6	1701482	1	FRAME ASSY., Front
7	1922134	2	NUT, Hex Lock, 1/2-13
8	105051	2	SPACER
9	1920328	2	CAPSCREW, Hex, 1/2-13 x 1
10	107106	2	SHOE ASSY.
11	1917378	4	WASHER, Plain, 3/8
12	1916965	10	LOCKWASHER, 3/8
13	1921965	4	CAPSCREW, Hex Hd., 3/8-16 x 3/4
14	107045	1	PLATE, Wear
15	1916950	6	NUT, Hex, Full, 3/8-16
16	1931350	6	CARRIAGE BOLT, 3/8-16 x 1

42" Snow Plow & Dozer Blade Hitch Group

A-7782

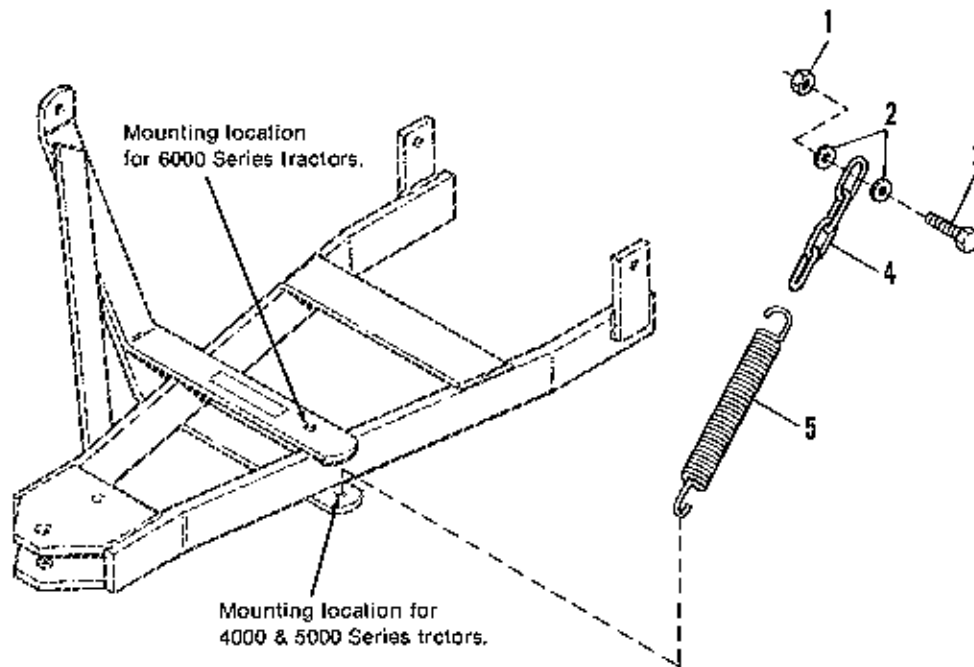


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

42° Snow Plow & Dozer Blade Hitch Group

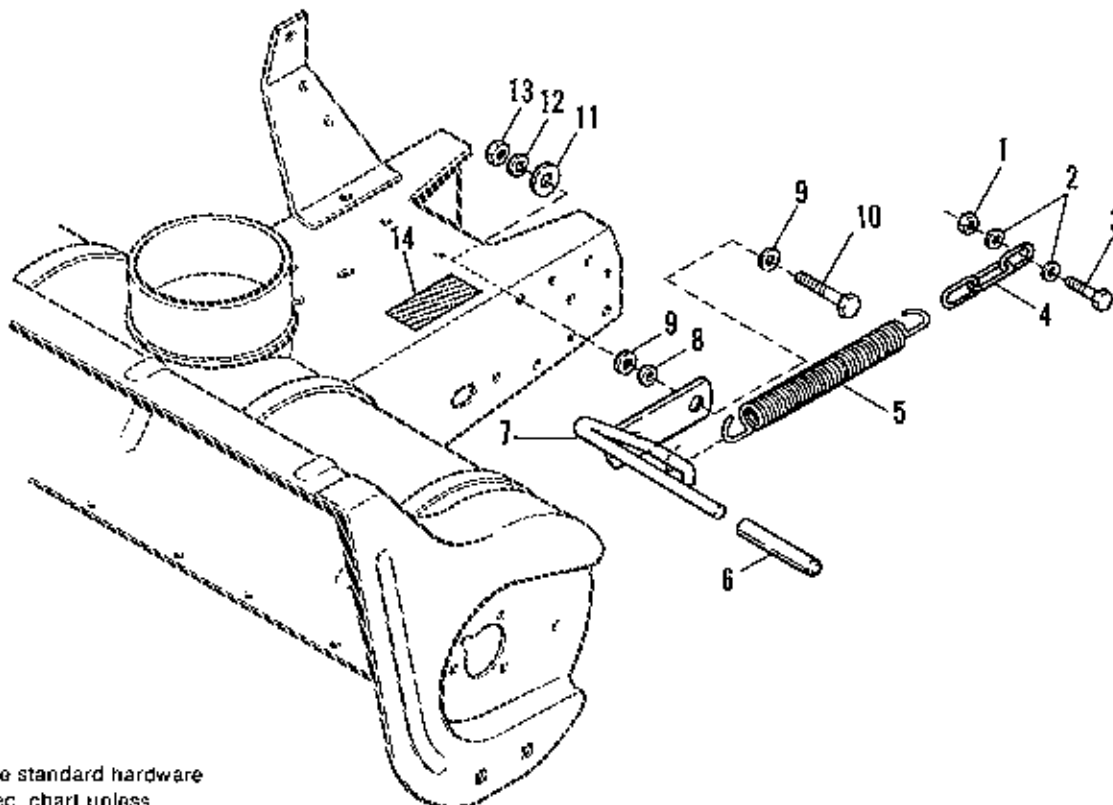
Ref. No.	Part No.	Qty.	Description
1	1607911	1	BAR ASSY., Push
2	171011	1	SPRING
3	171679	1	GUIDE ASSY., Rod (1691523 only)
	1709285	1	GUIDE ASSY., Rod (1692240 only)
4	1928721	2	SETSCREW, 5/16-18 x 1/2
5	1665887	1	ROD, Lift
6	8031007	2	COLLAR, Set
7	1960033	4	SPRING, Clip (Qty. 3, 1691523 only)
8	1678549	1	PIN, Pivot
9	1603602	1	PIN, King
10	1657663	1	BRACKET ASSY.
11	156306	4	PIN
12	176012	4	CLIP, Pin
13	1922130	2	CAPSCREW, 3/8-16 x 2-1/4
14	1930645	2	NUT, Lock, 3/8-16
15		1	I.D. PLATE
16	1675632	1	SPRING
17	1669241	1	CHAIN, 4-Link
18	1921977	1	CAPSCREW, 5/16-18 x 1-1/4
19	1919381	2	WASHER, Plain, 5/16
20	1923362	1	NUT, Hex, Lock, 5/16-18
21	1709813	2	BAR STOP (1692240 only)
22	1960373	2	SCREW, Hex, Taptite, 5/16-18 x 1 (1692240 only)

Spring Assisted Lift Kit (42" Dozer)



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Spring Assisted Lift Kit (36" & 42" Snowthrowers)



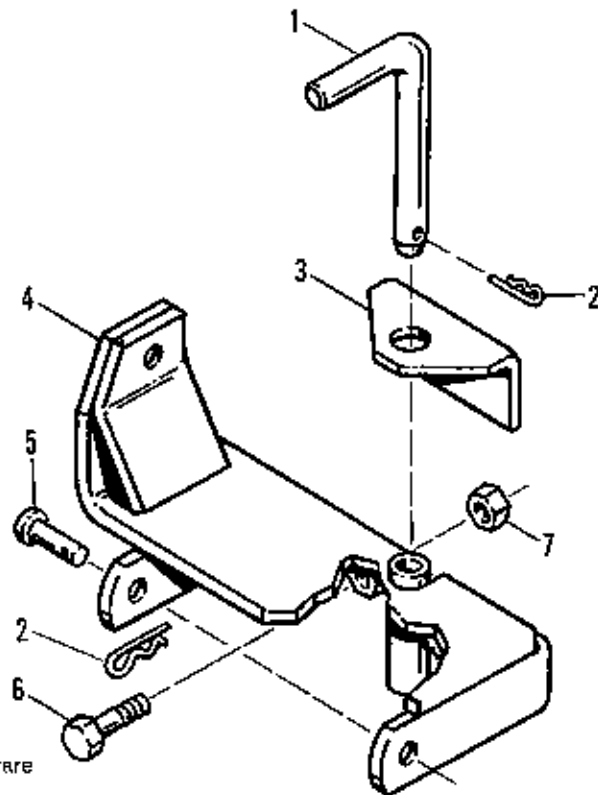
NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Spring Assisted Lift Kit (42" Dozer)

Ref. No.	Part No.	Qty.	Description
1	1923362	1	NUT, Hex, Lock, 5/16-18
2	1919381	2	WASHER, Plain, 5/16
3	1921977	1	CAPSCREW, 5/16-18 x 1-1/4
4	1669241	1	CHAIN, 4-Links
5	1675232	1	SPRING

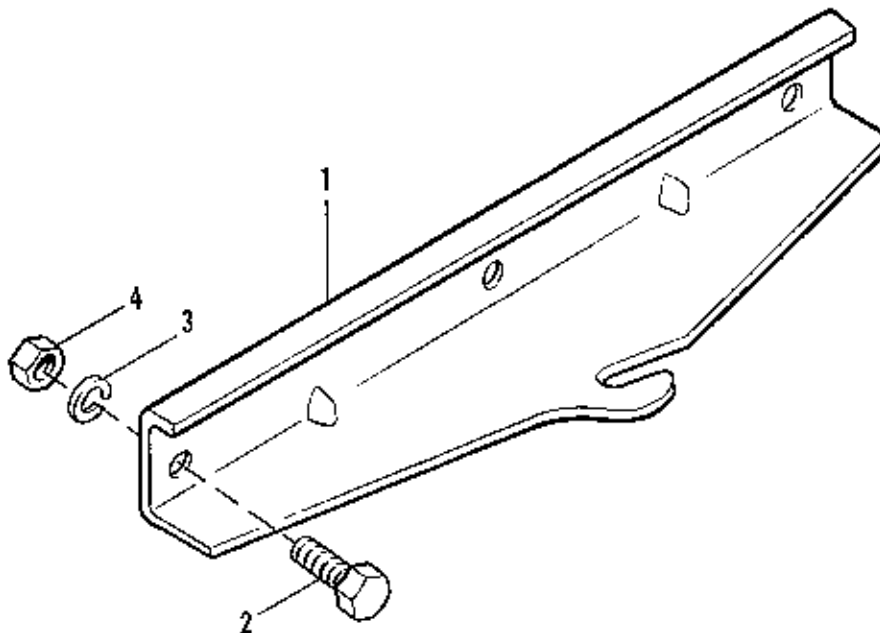
Mfg. No. 1685337**Spring Assisted Lift Kit (36" & 42" Snowthrowers)**

Ref. No.	Part No.	Qty.	Description
1	1923362	1	NUT, Hex, Lock, 5/16-18
2	1919381	2	WASHER, Plain, 5/16
3	1921977	1	CAPSCREW, 5/16-18 x 1-1/4
4	1656835	1	CHAIN, 3-Links
5	1675232	1	SPRING
6	176934	1	GRIP
7	1701917	1	LEVER ASSY., Spring
8	108717	1	SPACER
9	1924356	2	WASHER
10	1921969	1	CAPSCREW, 3/8-16 x 1-1/2
11	1922755	1	WASHER, 13/32 x 1
12	1916965	1	LOCKWASHER, 3/8
13	1916950	1	NUT, Hex, Full, 3/8-16
14	1701940	1	DECAL, Caution



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Rear Implement Attachment Kit (For Rear Mounted Vac. Collector to 6200)



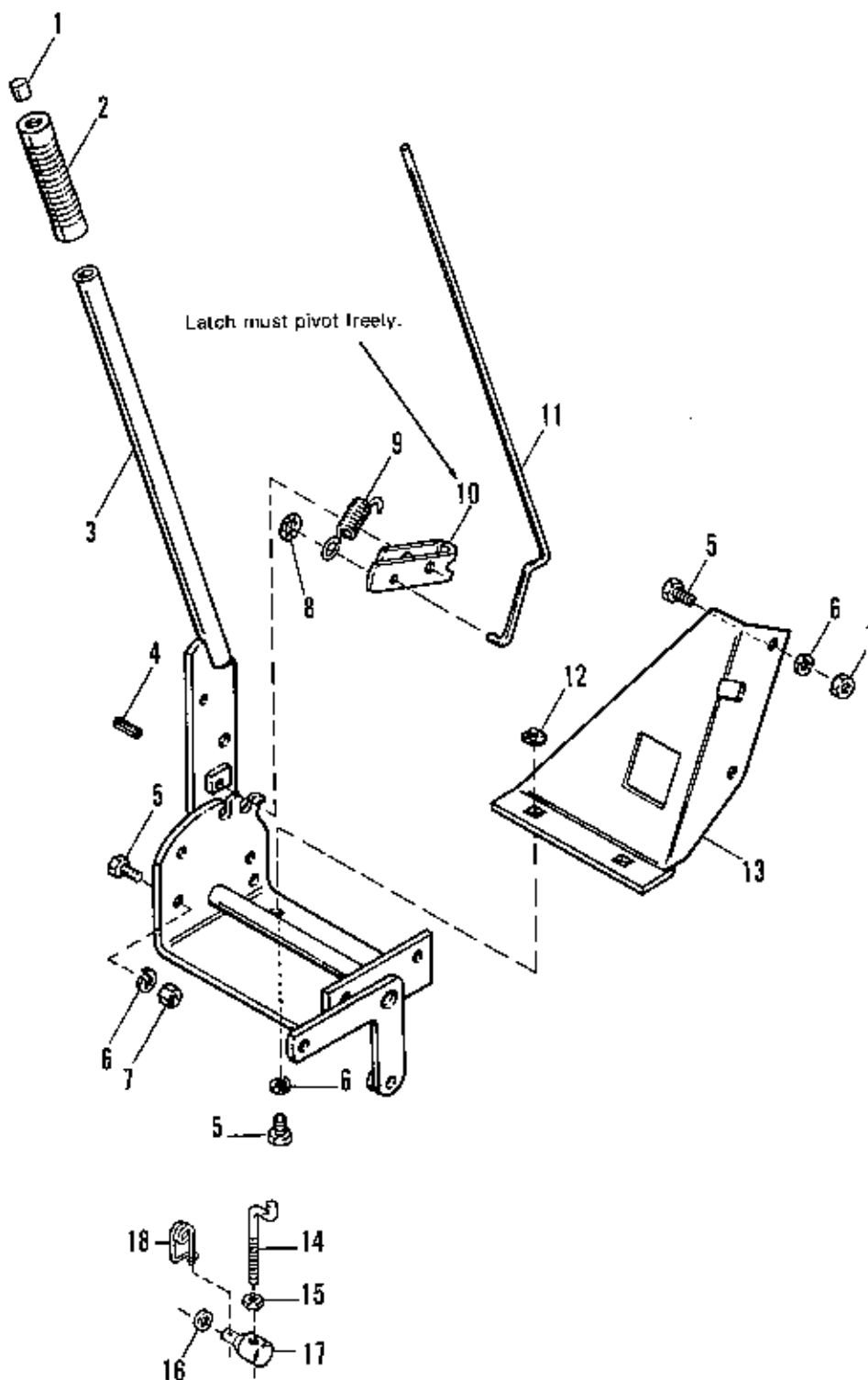
NOTE: Use standard hardware torque spec. chart unless otherwise noted.

One Point Hitch Group

Ref. No.	Part No.	Qty.	Description
1	1603321	1	PIN, Hitch
2	106788	3	CLIP, Spring
3	1603816	1	PLATE, Stabilizer
4	1665448	1	CLEVIS & LIFT ARM ASSY.
5	155037	2	PIN
6	1927430	2	CAPSCREW, Hex Hd., 5/8-11 x 2-1/4
7	1915726	2	NUT, Hex, Jam, 5/8-11

*Mfg. No. 1685200**Rear Implement Attachment Kit (For Rear Mounted Vac. Collector to 6200)*

Ref. No.	Part No.	Qty.	Description
1	1669193	1	SUPPORT, Attachment
2	1921210	3	CAPSCREW, Hex Hd., 3/8-16 x 1
3	1920415	3	LOCKWASHER, 3/8
4	1916950	3	NUT, 3/8-16



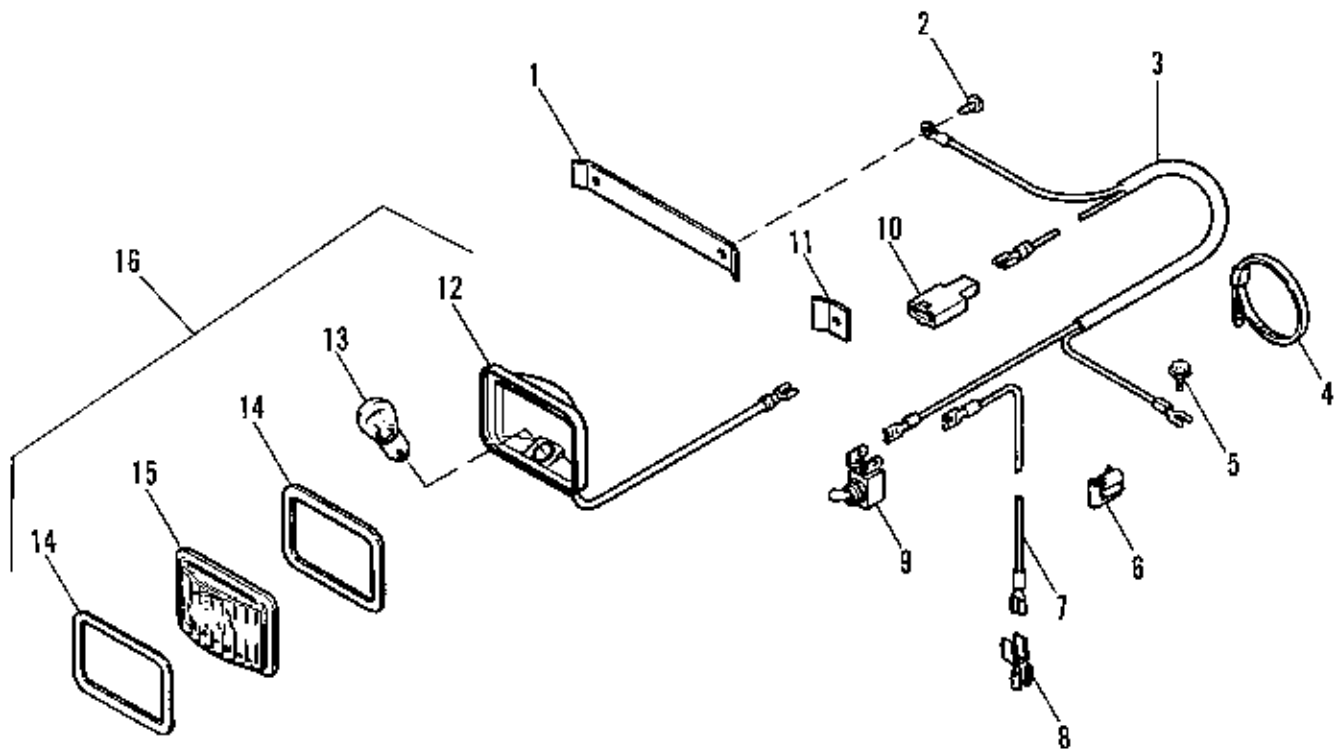
NOTE: Use standard hardware torque spec chart unless otherwise noted.

Lift Lever Kit

Ref. No.	Part No.	Qty.	Description
1	1650517	1	BUTTON
2	156209	1	GRIP
3	1667295	1	LEVER ASSY., Lift
4	1927609	1	PIN, Roll
5	1921332	7	CAPSCREW, Hex Hd., 5/16-18 x 3/4
6	1917356	7	LOCKWASHER, 5/16
7	1917372	5	NUT, Hex, 5/16-18
8	934953	1	PUSHNUT
9	1667286	1	SPRING
10	1657648	1	LATCH, Lever
11	1667290	1	ROD, Latch
12	916159	2	NUT, Speed, 5/16-18
13	1701223	1	BRACE, Lift Lever
14	1673665	1	ROD, Lift
15	1920161	1	NUT, Jam, 5/16-18
16	1917642	1	WASHER, 5/16
17	172141	1	TRUNNION, Pivot
18	176012	1	CLIP, Safety

Headlight Kit

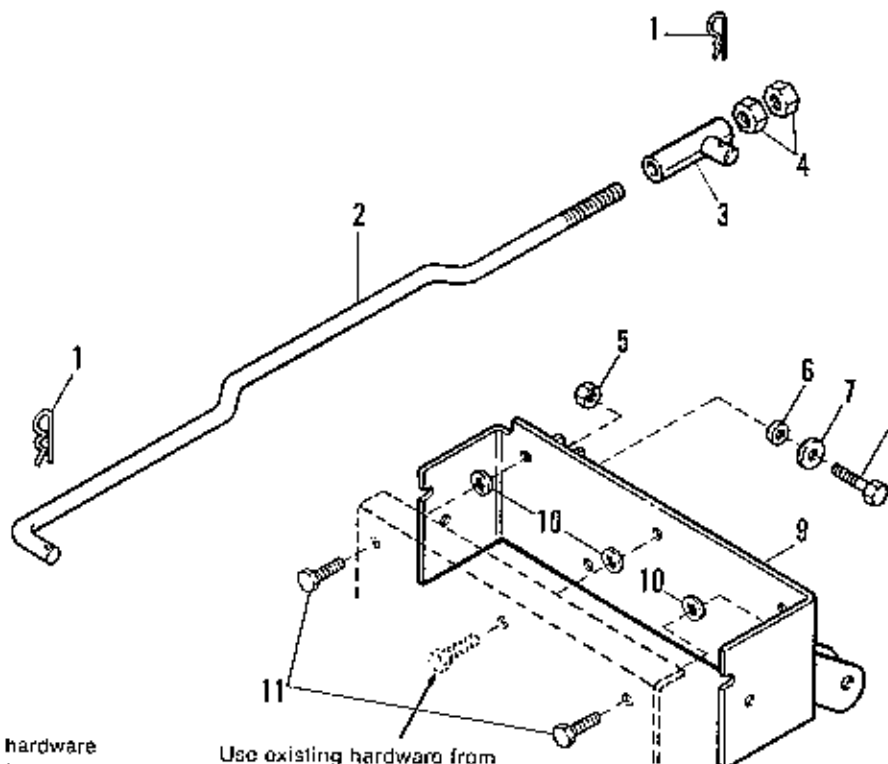
A-1169



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Hitch & Lift Kit for Tiller

A-11562



NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Use existing hardware from outside hole location.

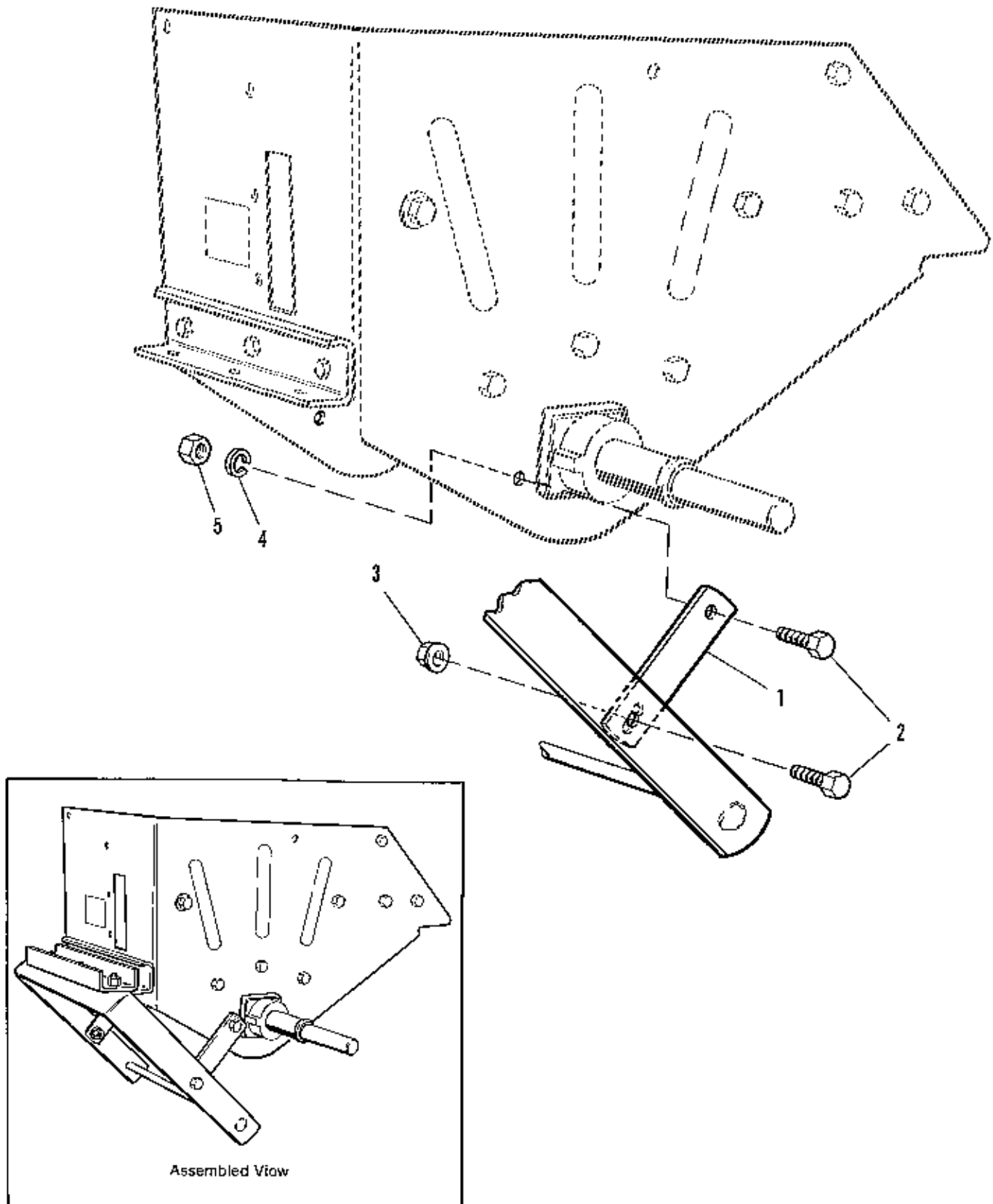
Headlight Kit

Ref. No.	Part No.	Qty.	Description
1	1657954	1	CLIP, Center, 5-29/32" long (For Early Models)
	1657553	1	CLIP, Center, 6-31/32" long (For Later Models)
2	1960034	4	SCREW, Plastite, #10-14 x 1/2
3	1656071	1	WIRE ASSY., Headlights
4	932747	1	TIE, Cable
5	927428	1	SCREW, Hex Hd., Tapfit, 1/4-20 x 3/8
6	165073	1	CLIP, Speed
7	1651147	1	WIRE ASSY.
8	172996	1	ADAPTOR, 2-Way
9	122184	1	SWITCH, Toggle
10	122182	1	CONNECTOR, Insulated
11	1657955	2	CLIP, Side, 1-14" long (For Early Models)
	1654636	2	CLIP, Side, 1" long (For Later Models)
12	1654664	2	REFLECTOR ASSY.
*13		1	BULB, #199
14	1654662	4	GASKET, Lens
15	1665933	2	LENS, Clear Plastic
16	1665934	2	LIGHT ASSY. (Incl. Ref. Nos. 12 - 15)

* Purchase from your local automotive supplier,.

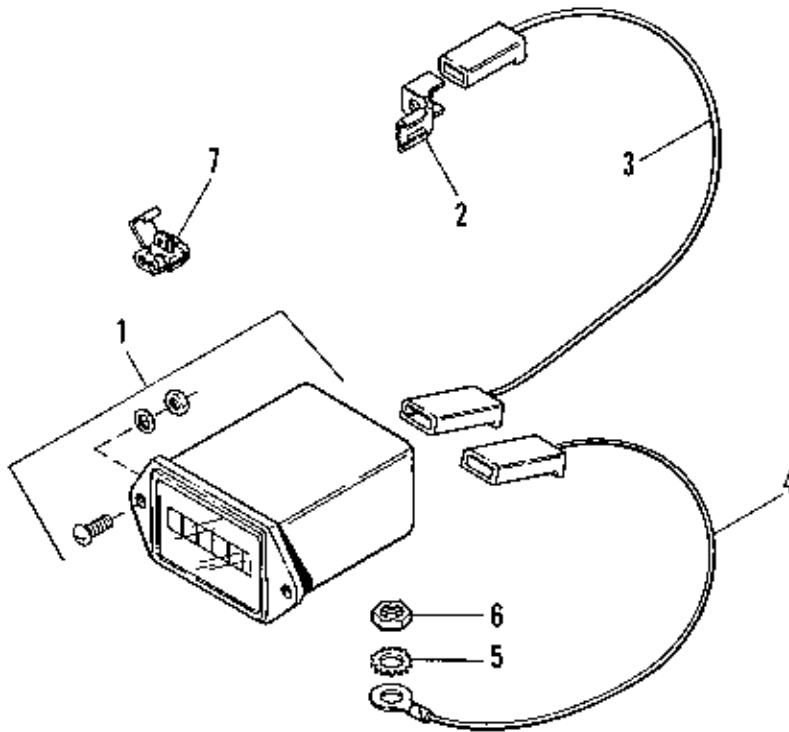
Mfg. No. 1691379**Hitch & Lift Kit for Tiller**

Ref. No.	Part No.	Qty.	Description
1	1960033	2	HAIR PIN CLIP
2	1701087	1	LIFT ROD
3	1669868	1	ROD GUIDE ASSY.
4	1919262	2	NUT, Hex, Jam, 1/2-20
5	1917372	2	NUT, Hex, 5/16-18 x 1
6	1679225	2	SPACER
7	1917642	2	WASHER, Flat, 5/16
8	1923325	2	BOLT, Hex, 5/16-18 x 7/8
9	1679758	1	HITCH ASSY.
10	931942	3	PUSHNUT
11	1920415	2	CAPSCREW, 3/8-16 x 1-1/4 (Used on early models only. Use existing hardware for later models.)



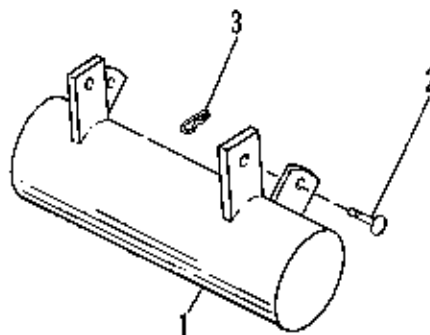
Hitch Brace Kit

Ref. No.	Part No.	Qty.	Description
1	1685201	2	BRACE, Hitch
2	1921210	4	CAPSCREW, Hex Hd., 3/8-16 x 1
3	1930645	2	LOCKNUT, Flange, 3/8-16
4	1916965	2	LOCKWASHER, 3/8
5	1916950	2	NUT, Hex, 3/8-16



NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

Front Counterweight Kit



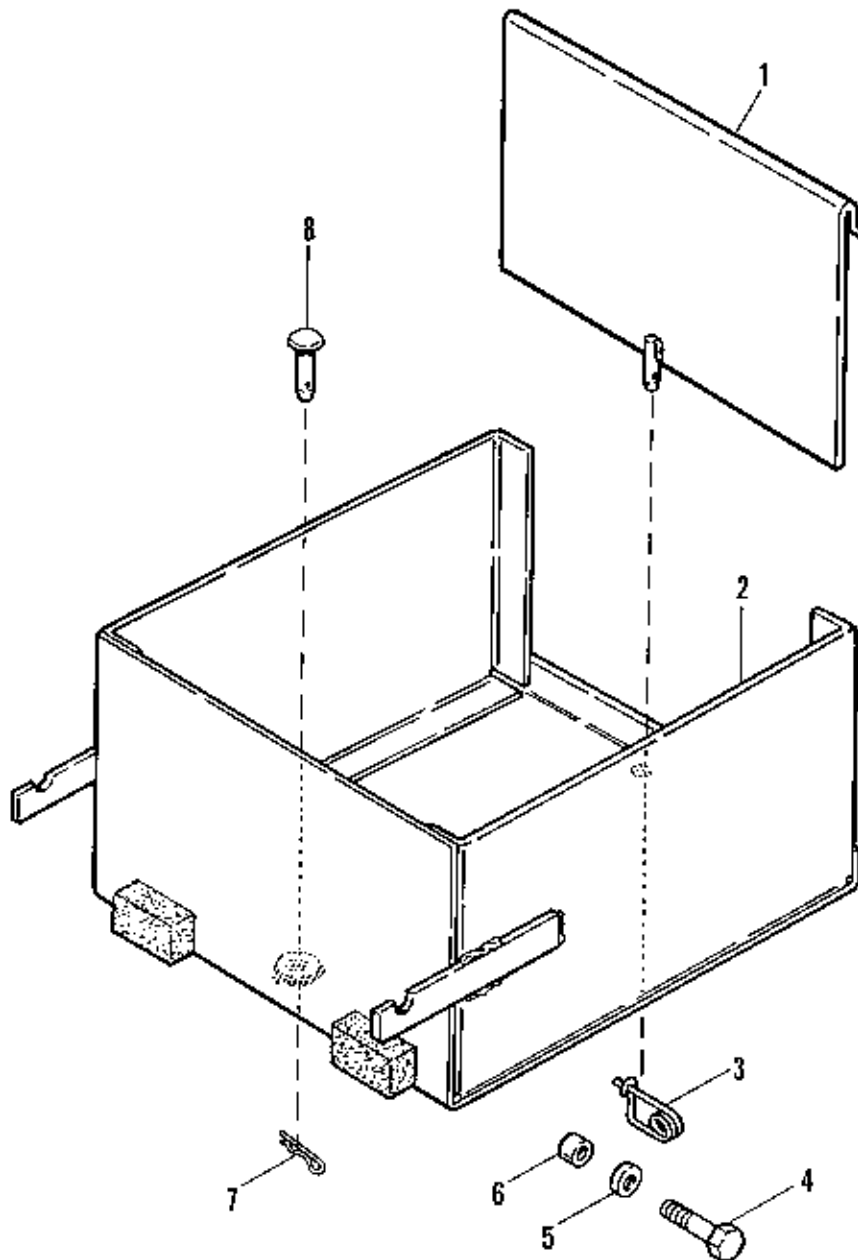
NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

Hourmeter Kit

Ref. No.	Part No.	Qty.	Description
1	172993	1	HOURMETER
2	172996	1	ADAPTOR, 2-Way
3	1656083	1	WIRE ASSY.
4	1655592	1	CONNECTOR ASSY., 15-1/2
5	921880	1	LOCKWASHER, Ext. Tooth, 1/4
6	916622	1	NUT, Hex, Full 1/4-20
7	1605751	1	CONNECTOR, Wire, Self-Stripping

*Mfg. No. 1690257**Front Counterweight Kit*

Ref. No.	Part No.	Qty.	Description
1		1	WEIGHT ASSY., (Order 1690257 from wholegoods.)
2	118053	2	PIN
3	1918196	2	PIN, Quick, 1-7/8



NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

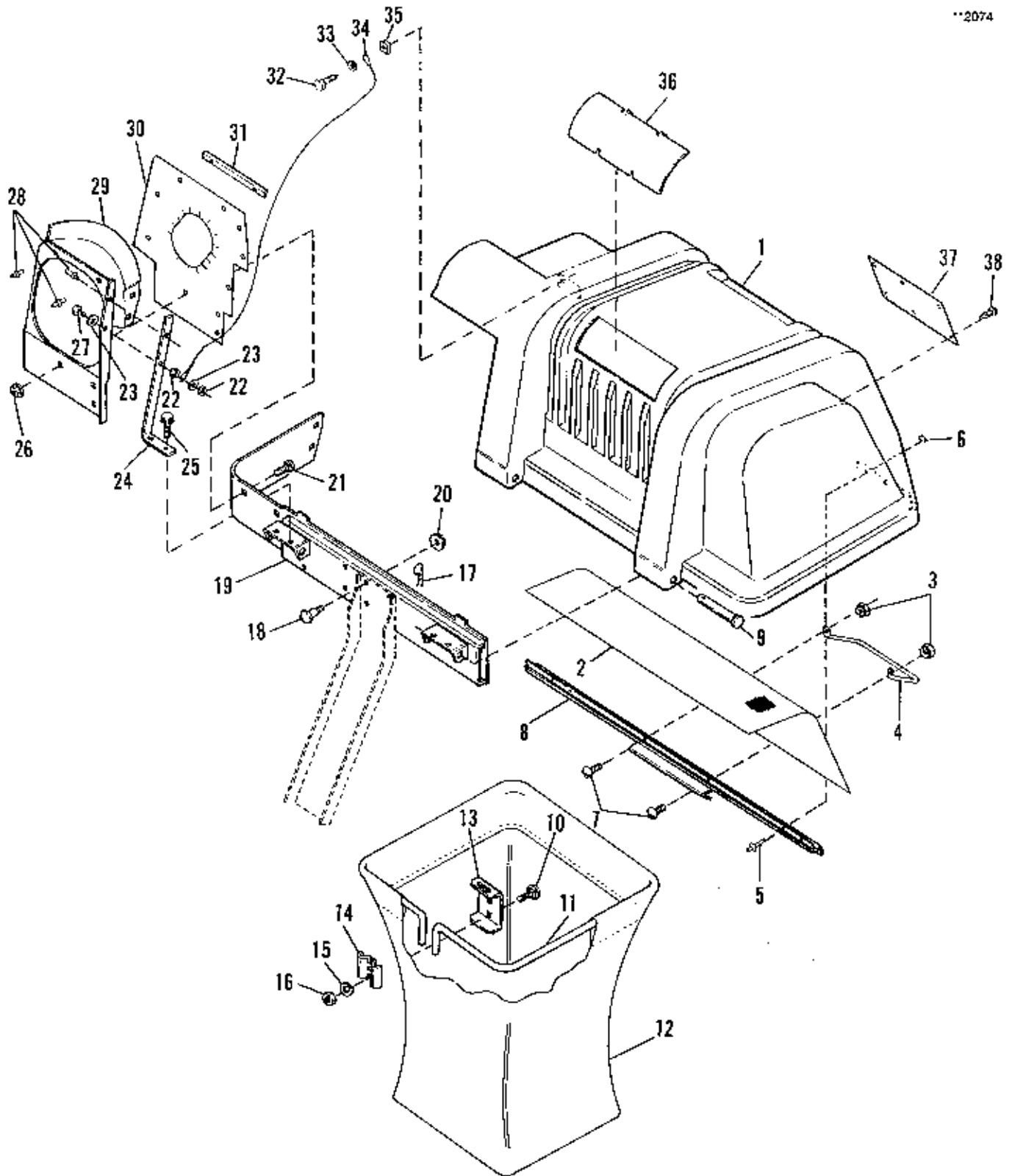
Weight Box Group

Ref. No.	Part No.	Qty.	Description
*1		1	DOOR ASSY.
*2		1	WEIGHT BOX ASSY.
3	176012	1	CLIP, Pin, Safety
4	1920415	2	CAPSCREW, 3/8-16 x 1-14
5	1924940	2	WASHER, 3/8
6	158227	2	SPACER
7	1960333	1	CLIP
8	102004	1	PIN, Pivot

***NOTE: To Replace, Order Mfg. No. 1690624**

Twin Catcher Cover Group

**2074

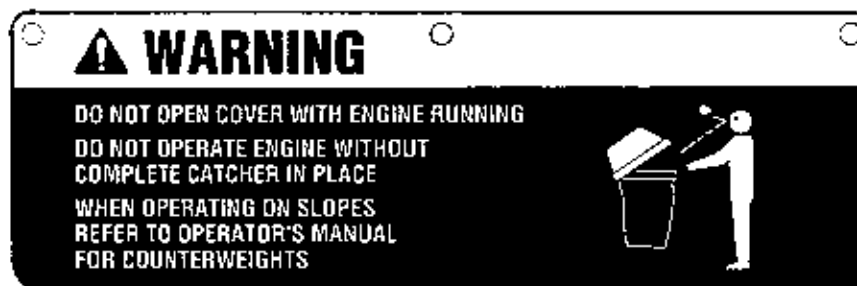


NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

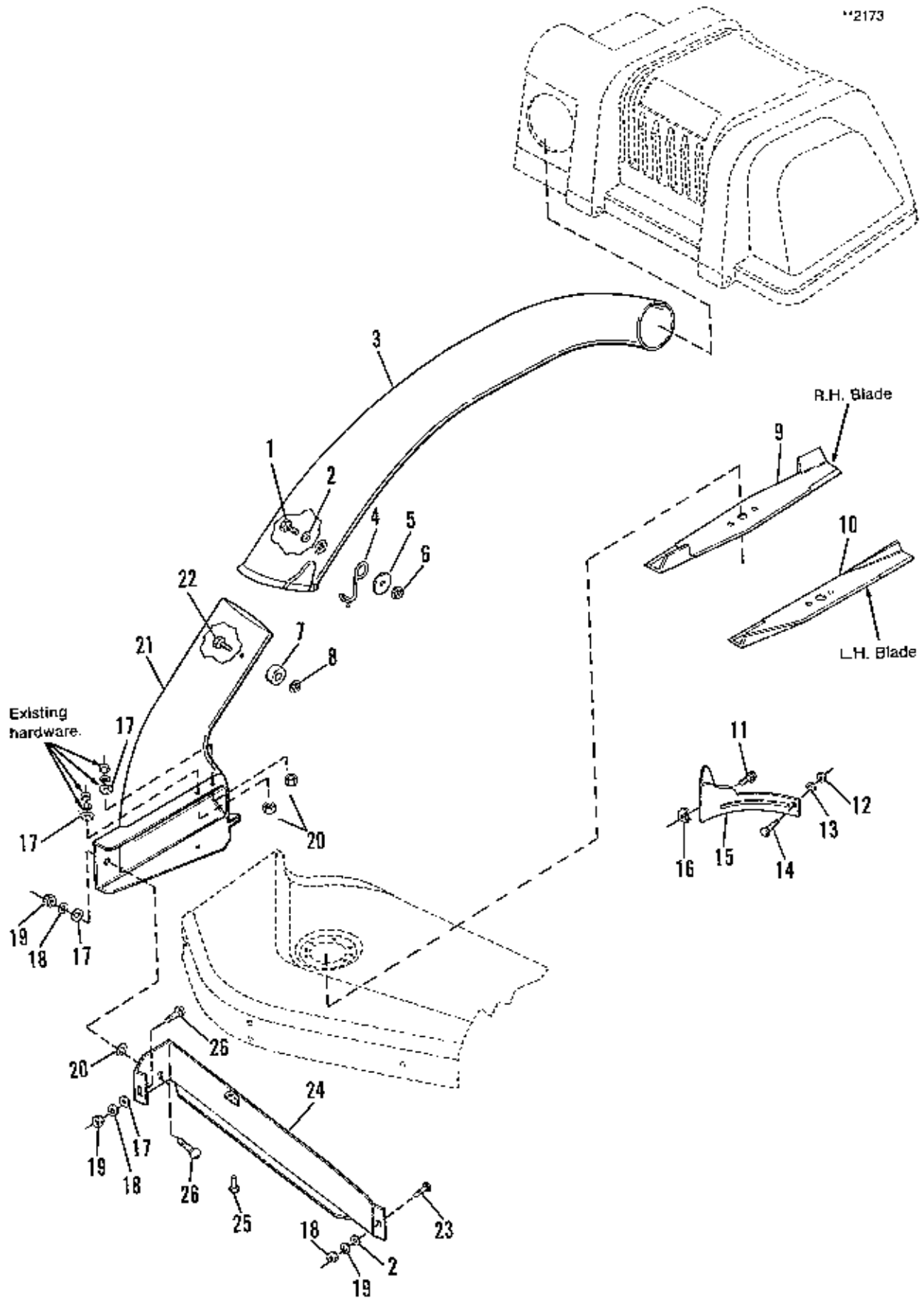
Twin Catcher Cover Group

Ref. No.	Part No.	Qty.	Description
1	1704056	1	COVER (Incl. Ref. Nos. 2, 5, 6, 8 & 32-35)
2	1703700	1	SCREEN
3	1928919	2	NUT, Hex, #10-32
4	1703853	1	HANDLE, Latch
5	1675043	4	RIVET, Pop
6	1910531	4	WASHER
7	1930531	2	SCREW, Truss. Hd., #10-32 x 1/2
8	1704057	1	SEAL, Clip
9	960367	2	PIN, Round Head
10	1931333	4	CARRIAGE BOLT, 5/16-18 x 3/4
11	1703855	2	HOOP, Bag
12	1703764	2	BAG, Grass
13	1703807	2	HANGER
14	1672023	2	CLAMP
15	1917356	4	LOCKWASHER, 5/16
16	1917372	4	NUT, Hex, 5/16-18
17	1960221	2	PIN, Hair Clip
18	1921966	4	CAPSCREW, Hex Hd., 3/8-16 x 7/8
19	1703822	1	CROSS ASSY.
20	1928352	4	NUT, Hex, Whizlock, 3/8-16
21	1960252	5	CARRIAGE BOLT, 1/4-20 x 5/8
22	1960077	2	NUT, Hex, Lock, #8-32
23	1960096	2	WASHER
24	1704507	1	STRAP, Tube Support
25	1927426	2	TAPTITE, 1/4-20 x 3/8
26	1930642	5	LOCKNUT, Flange, 1/4-20 End Lock
27	1960399	1	SCREW, Rnd. Hd., #8-32 x 7/8
28	1960381	7	RIVET, Pop
29	1704615	1	SUPPORT, Tube (Incl. Ref. Nos. 22, 23, 24 & 27-31)
30	1704135	1	SEAL, Cover
31	1704508	3	BRACKET SEAL
32	1960400	1	SCREW, Self Tapping, #10-12 x 5/8
33	1917377	1	WASHER, Plain, 1/4
34	1705349	1	CABLE, Double Loop
35	933886	1	NUT, Speed
36	1704180	2	WINDOW
37	1704405	1	DECAL, Safety
38	1667248	6	CLIP, Canoe

SAFETY DECAL

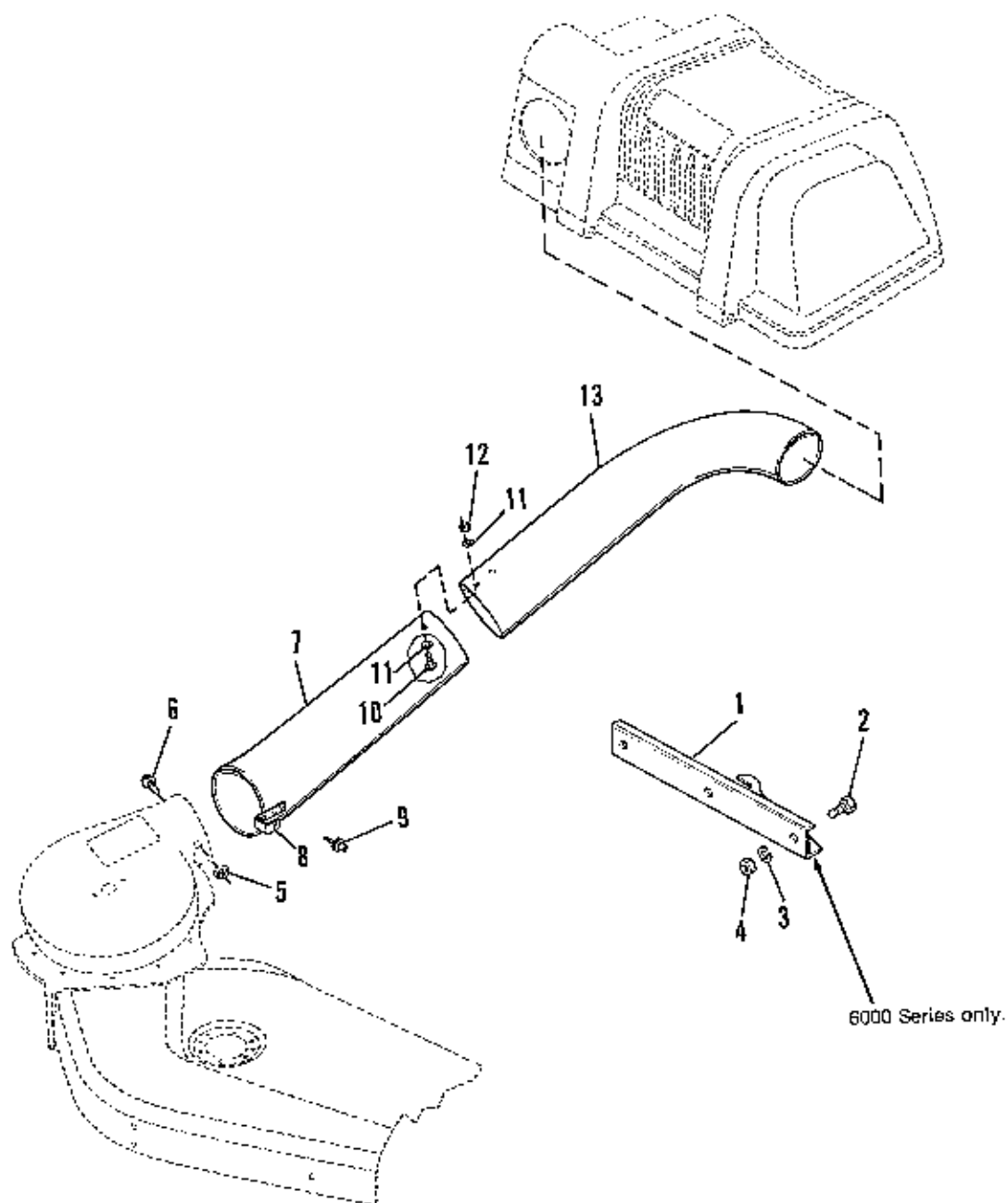


Adapter, Blade & Tube Group



Adapter, Blade & Tube Group

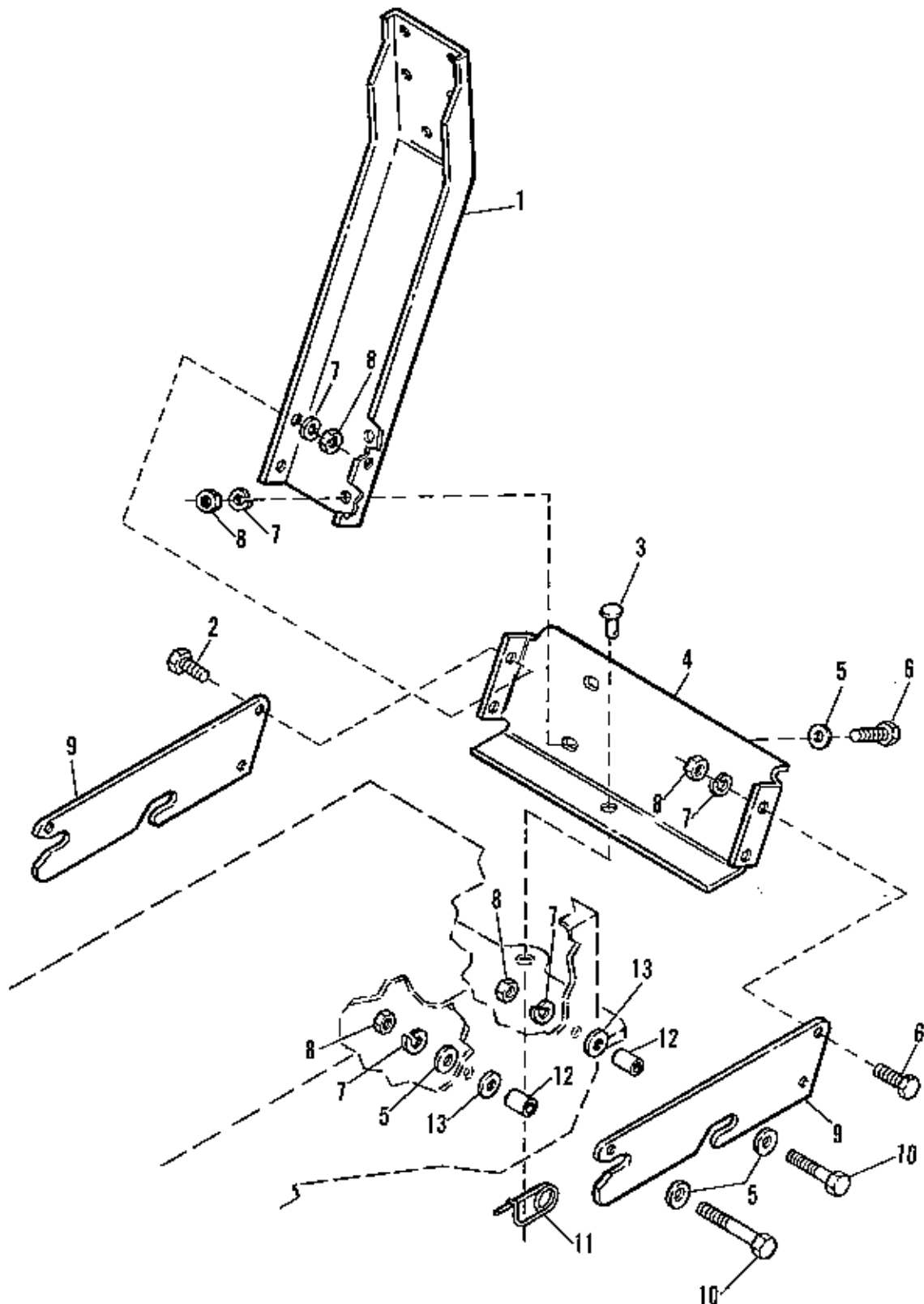
Ref. No.	Part No.	Qty.	Description
1	1960122	1	CAPSCREW, Hex Hd.
2	1919326	2	WASHER, Flat, 5/16
3	1703769	1	TRANSFER TUBE
4	1704603	1	LATCH, Tube
5	1960185	1	WASHER, Flat
6	1935048	1	NUT, Flange Lock
7	1704341	1	WASHER, Special
8	1924433	1	NUT, Esna, Hex Lock, 5/16-18
9	1671565	1	BLADE, R.H. Side
10	1671593	1	BLADE, L.H. Side
11	1931646	1	SCREW, Whizlock, 1/4-20 x 1/2
12	1916622	1	NUT, Hex, 1/4-20
13	1916964	1	Lockwasher, Spring, 1/4
14	1960252	1	CARRIAGE BOLT, 1/4-20 x 5/8
15	1672171	1	BAFFLE, Deflector Side
16	920462	1	NUT, Retainer, 1/4-20
17	1924940	4	WASHER, Flat 3/8
18	1916965	2	WASHER, Spring Lock, 3/8
19	1916950	2	NUT, Hex, 3/8-16
20	931942	3	PUSHNUT
21	1705065	1	ADAPTER, 36" Mower
22	1960371	1	CAPSCREW, Hex Hd., 5/16-18 x 3/4
23	1931334	1	CARRIAGE BOLT, 5/16-18 x 7/8
24	1656053	1	BAFFLE ASSY., Discharge
25	1924856	1	SCREW, Taplite, 5/16-18 x 1/2
26	1931348	2	CARRIAGE BOLT, 3/8-16 x 3/4



NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

Adapter, Blade & Tube Group

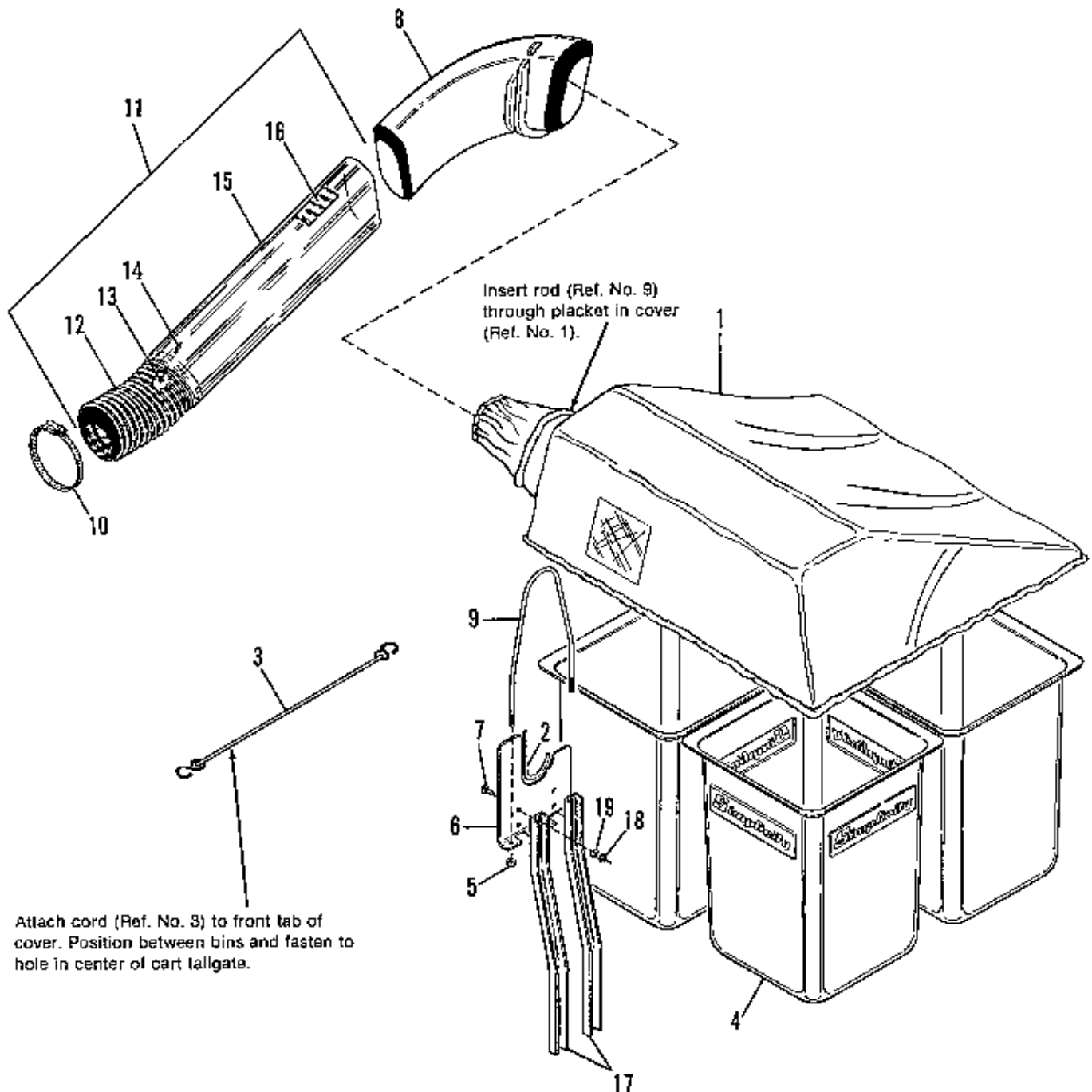
Ref. No.	Part No.	Qty.	Description
1	1685200	1	SUPPORT, Attachment (Incl. Ref. Nos. 2, 3, 4)
2	1921210	3	CAPSCREW, Hex Hd., 3/8-16
3	1916965	3	LOCKWASHER, Spring, 3/8
4	1916950	3	NUT, Hex, 3/8-16
5	1930641	1	NUT, Hex, Flange Lock, 1/4-20
6	1960252	1	CARRIAGE BOLT, 1/4-20 x 5/8
7	1705111	1	TUBE ASSY., Lower (Incl. Ref. Nos. 8 & 9)
8	1705063	1	CLIP, Spring
9	1673320	2	RIVER, Pop
10	1930531	2	SCREW, Truss Hd., #10-32 x 1/2
11	1910531	4	WASHER, Plain, #10
12	1928919	2	NUT, Hex Washer Assy., #10-32
13	1704283	1	TUBE, Upper



NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

Twin Catcher Hitch Group

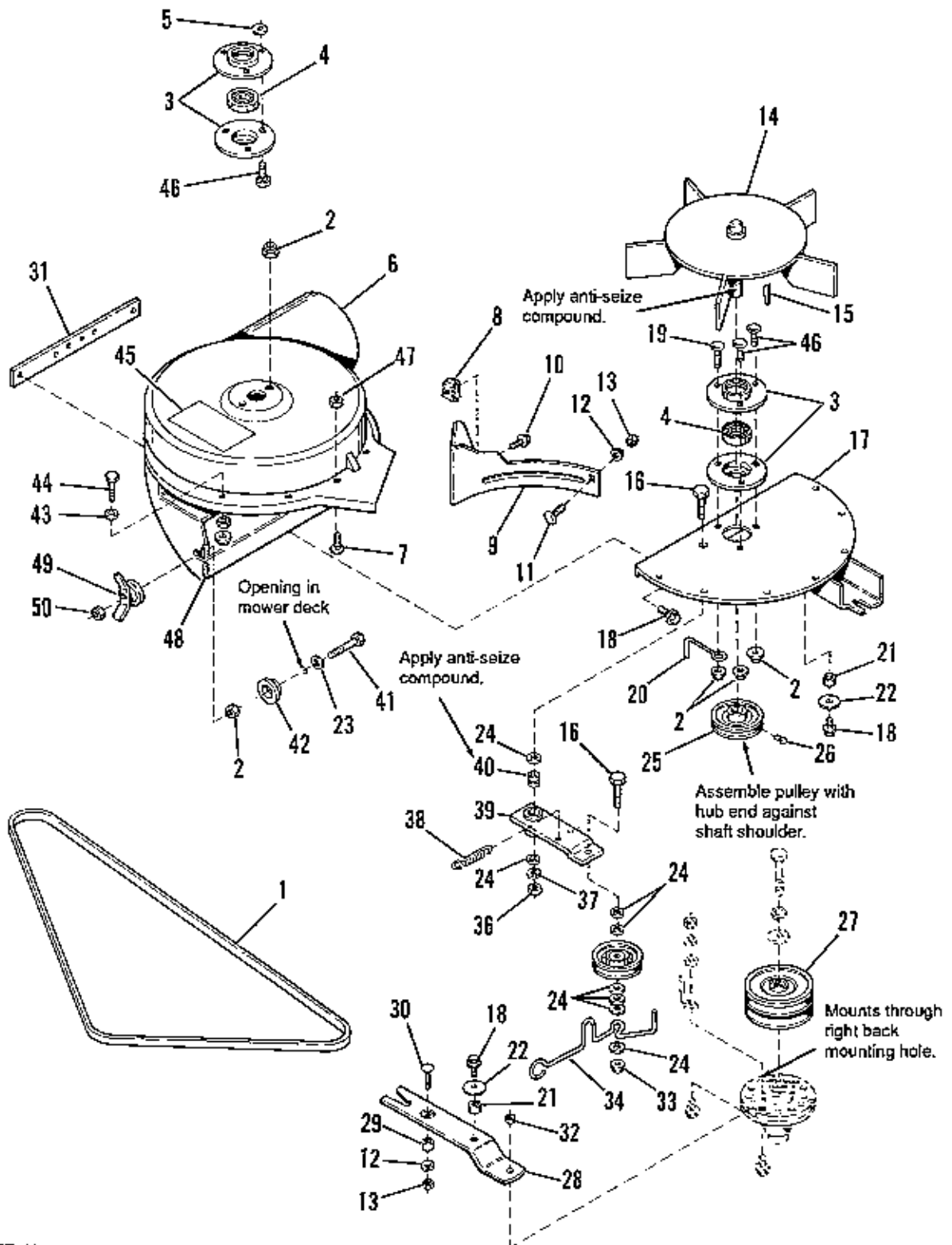
Ref. No.	Part No.	Qty.	Description
1	1703745	1	SUPPORT, Upright
2	1920415	2	CAPSCREW, Hex, Hd., 3/8-16 x 1-1/4
3	102004	1	PIN, Rd. Hd.
4	1703744	1	BRACKET, Lower Hitch
5	1924940	8	WASHER
6	1921210	4	CAPSCREW, Hex Hd., 3/8-16 x 1
7	1916965	10	LOCKWASHER, Spring, 3/8
8	1916950	10	NUT, Hex, 3/8-16
9	1703743	2	SUPPORT, Side Hitch
10	1921971	4	CAPSCREW, Hex Hd., 3/8-16 x 1-3/4
11	176012	1	CLIP, Safety Pin
12	1665699	4	SPACER
13	1919384	4	WASHER



NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

Quad Bagger Collection Group

Ref. No.	Part No.	Qty.	Description
1	1702243	1	HOOD
2	1673874	1	TRIM
3	1705282	1	SHOCK CORD
4	1702186	4	BASKET, Grass
5	1923362	2	NUT, Hex, Centerlock, 5/16-18
6	1702827	1	BRACKET, Saddle
7	1980252	4	CARRIAGE BOLT, 1/4-20 x 5/8
8	1702828	1	ELBOW
9	1702829	1	CLAMP, Elbow
10	1679896	1	CLAMP, 6"
11	1704973	1	TUBE ASSY., (Incl. Ref. Nos. 12 - 16)
12	1679895	1	HOSE, 6" I.D.
13	1910531	4	WASHER, Rivet
14	1673320	4	RIVET, Pop
15	1705027	1	TUBE
16	1675766	1	DECAL, Cleaning Instructions
17	1702828	2	CHANNEL, Support
18	1916622	4	NUT, Hex, 1/4-20
19	1916964	4	LOCKWASHER, Spring, 1/4



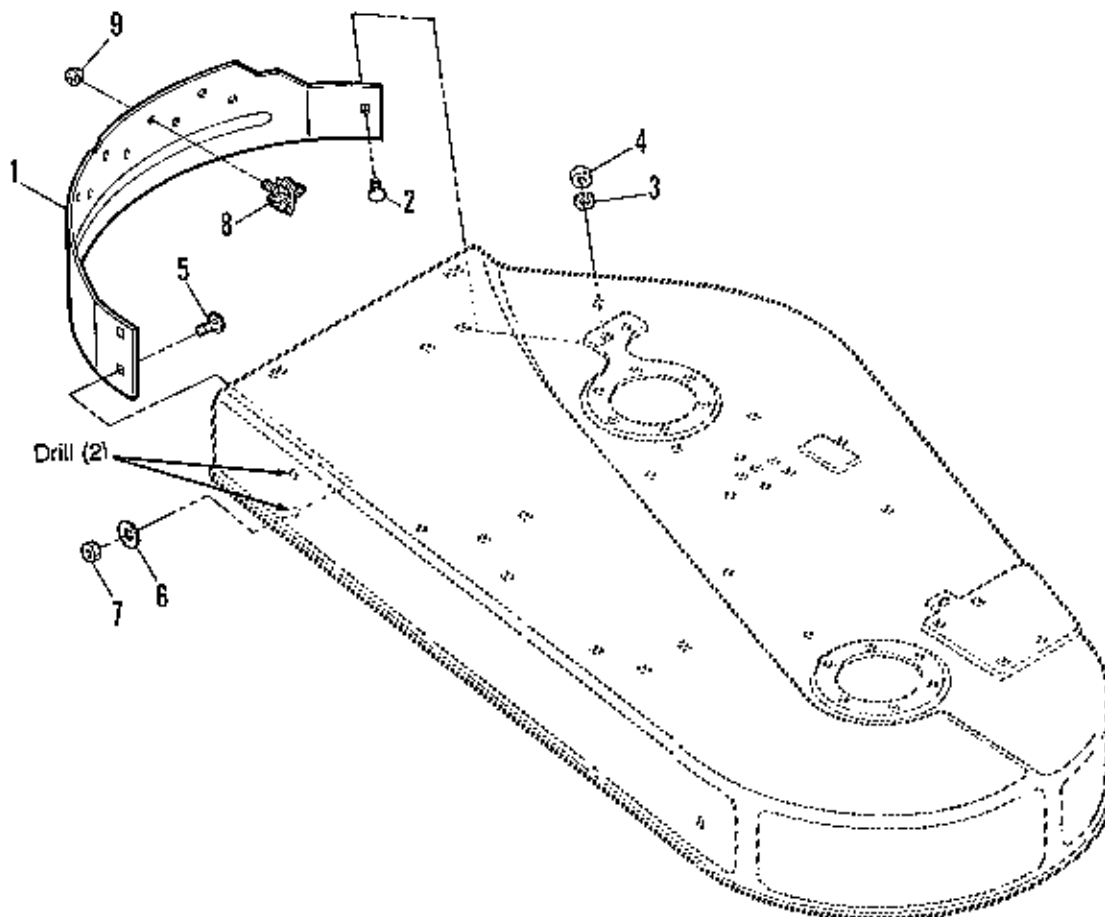
NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Turbo Collector (36" Mower)

Ref. No.	Part No.	Qty.	Description
1	1679915	1	BELT
2	1927557	7	NUT, Flange Lock, 5/16-18
3	1665982	4	BEARING, Retainer
4	108202	2	BEARING
5	9333988	6	PUSHNUT, 5/16
6	1706623	1	HOUSING ASSY., (Incl. Ref. No. 45)
7	1921959	6	CAPSCREW, Hex, 1/4-20 x 5/8
8	920462	1	NUT, Retainer, 14-20
9	1672171	1	BAFFLE
10	1931646	1	SCREW, Whizlock, 1/4-20 x 1/2
11	1960252	1	CARRIAGE BOLT, 1/4-20 x 5/8
12	1916964	2	LOCKWASHER, 1/4
13	1916622	2	NUT, Hex, Full, 1/4-20
14	1706631	1	FAN ASSY.
15	960403	1	KEY, Woodruff
16	1921971	2	CAPSCREW, 3/8-16 x 1-3/4
17	1706628	1	PLATE ASSY.
18	1927429	5	SCREW, Taptite, 1/4-20 x 5/8
19	1931334	1	CARRIAGE BOLT, 5/16-18 x 7/8
20	1678306	1	STOP, Belt
21	1675339	2	SPACER
22	1960151	2	WASHER, Special
23	1919326	1	WASHER, Flat, 5/16
24	1924940	8	WASHER, Flat, 3/8
25	1706634	1	PULLEY, Driven
26	1928691	1	SETSCREW, 5/16-18 x 1/2
27	1700705	1	PULLEY ASSY.
28	1700694	1	STRAP
29	1700695	1	SPACER
30	1931320	1	CARRIAGE BOLT, 1/4-20 x 1-1/4
31	1706630	1	STRIP, Reinforcement
32	1928698	1	NUT, Hex, Jam Lock, 5/16-18
33	1930645	1	NUT, Hex, Flange Lock, 3/8
34	1701095	1	LEVER, Belt, Retainer
35	1708029	1	PULLEY, V
36	1916950	1	NUT, Hex, Full, 3/8-16
37	1916965	1	LOCKWASHER, 3/8
38	1679554	1	SPRING, Tension
39	1700861	1	IDLER ARM ASSY.
40	1666114	1	SPACER
41	1960318	1	CAPSCREW, Hex, 5/16-18 x 2-1/2
42	1679164	1	CUP
43	1921319	1	WASHER, Plain, 1/4
44	1921960	1	CAPSCREW, Hex, 1/4-20 x 1
45	1700259	1	DECAL, Danger
46	1931333	5	CARRIAGE BOLT, 5/16-18 x 3/4
47	1930641	7	LOCKNUT, Hex, Whiz, Flange, 1/4-20
48	1930642	1	NUT, Hex, Flange Lock, 1/4-20
49	1679163	1	WINGNUT ASSY.
50	1923362	1	NUT, Hex, Full, Lock, 5/16-18

36" Mulching Mower Kit

**2289



Ref. No.	Part No.	Qty.	Description
1	1707992	1	BAFFLE, Discharge
2	1931317	1	CARRIAGE BOLT, 1/4-20 x 3/4"
3	1916964	1	LOCKWASHER, 1/4
4	1916622	1	NUT, Hex, 1/4-20
5	1931333	2	CARRIAGE BOLT, 5/16-18 x 3/4"
6	1917356	2	LOCKWASHER, 5/16
7	1917372	2	NUT, Hex, 5/16-18
8	1707684	8	SHREDDERS, Leaf
9	1919438	8	NUT, Hex, Plastic, 5/16-18

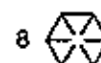
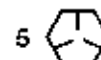
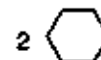
**TORQUE SPECIFICATIONS FOR
STANDARD MACHINE HARDWARE
TOLERANCE $\pm 20\%$**

SIZE	SAE GRADE #2 		SAE GRADE #5 		SAE GRADE #8 	
	In./Lbs. Ft./Lbs.	Nm.	In./Lbs. Ft./Lbs.	Nm.	In./Lbs. Ft./Lbs.	Nm.
8-32	19	2.1	30	3.4	41	4.6
8-36	20	2.3	31	3.5	43	4.9
10-24	27	3.1	43	4.9	60	6.8
10-32	31	3.5	49	5.5	68	7.7
1/4-20	66	7.6	8	10.9	12	16.3
1/4-28	76	8.6	10	13.6	14	19.
5/16-18	11	15.	17	23.1	25	34.
5/16-24	12	16.3	19	25.8	25	34.
3/8-16	20	27.2	30	40.8	45	61.2
3/8-24	23	31.3	35	47.6	50	68.
7/16-14	30	40.8	50	68.	70	95.2
7/16-20	35	47.6	55	74.8	80	108.8
1/2-13	50	68.	75	102.	110	149.6
1/2-20	55	74.8	90	122.4	120	163.2
9/16-12	65	88.4	110	149.6	150	204.
9/16-18	75	102.	120	163.2	170	231.2
5/8-11	90	122.4	150	204.	220	299.2
5/8-18	100	136.	180	244.8	240	326.4
3/4-10	160	217.6	260	353.6	386	525.
3/4-16	180	244.8	300	408.	420	571.2
7/8-9	140	190.4	400	544.	600	816.
7/8-14	155	210.8	440	598.4	660	897.6
1-8	220	299.2	580	788.8	900	1,224.
1-12	240	326.4	640	870.4	1,000	1,360.

NOTE:

- These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
- Recommended seating torque values for locknuts:
 - For prevailing torque locknuts - use 65% of grade 5 torques.
 - For flange whizlock nuts (and screws) - use 135% of grade 5 torques.
- Unless otherwise noted on assembly drawings all torque values must meet this specification.

**BOLT HEAD MARKING
S.A.E. GRADE:**





AGCO Allis Lawn & Garden Equipment
500 N. Spring St., P.O. Box 997
Port Washington, WI USA 53074-0997

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