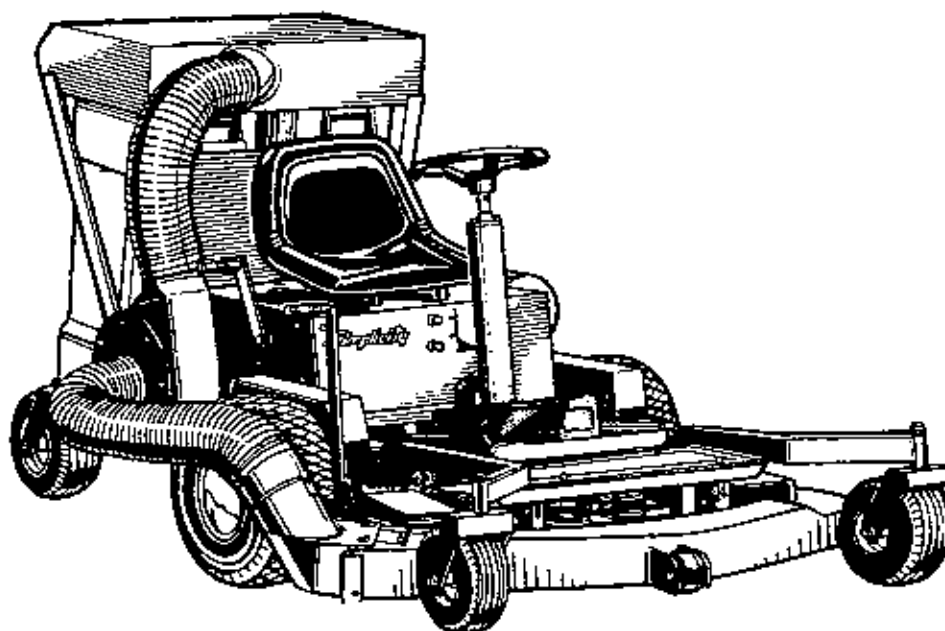




CFC SERIES

COMMERCIAL FRONT CUT RIDERS & MOWER DECKS

WHEEL STEER RIDERS

Mfg. No.	Description
1691842	CFC, 16HP, Wheel Steer
1691844	CFC, 18HP, Wheel Steer
1691846	CFC, 20HP, Wheel Steer

LEVER STEER RIDERS

Mfg. No.	Description
1691841	CFC, 16HP, Lever Steer
1691843	CFC, 18HP, Lever Steer
1691845	CFC, 20HP, Lever Steer

MOWER DECKS

Mfg. No.	Description
1691847	46" Mower Deck
1691848	54" Mower Deck
1691849	60" Mower Deck
1691850	66" Mower Deck

ATTACHMENTS & ACCESSORIES

Mfg. No.	Description
1691852	Dual Tail Wheels
1691853	30 Gallon Catcher
1691854	60 Gallon Catcher
1691864	Double Chain Reduction

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FRAME GROUP (Lower)	4
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CONTROL LEVER GROUP (Lever-Steer Models)	10
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STEERING LINKAGE GROUP (Lever-Steer Models)	12
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CONTROLS GROUP (PTO Assembly)	30
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MOWER SUPPORT GROUP	40
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MOWER DRIVE GROUP (46")	42
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1691853 30 GALLON CATCHER 58

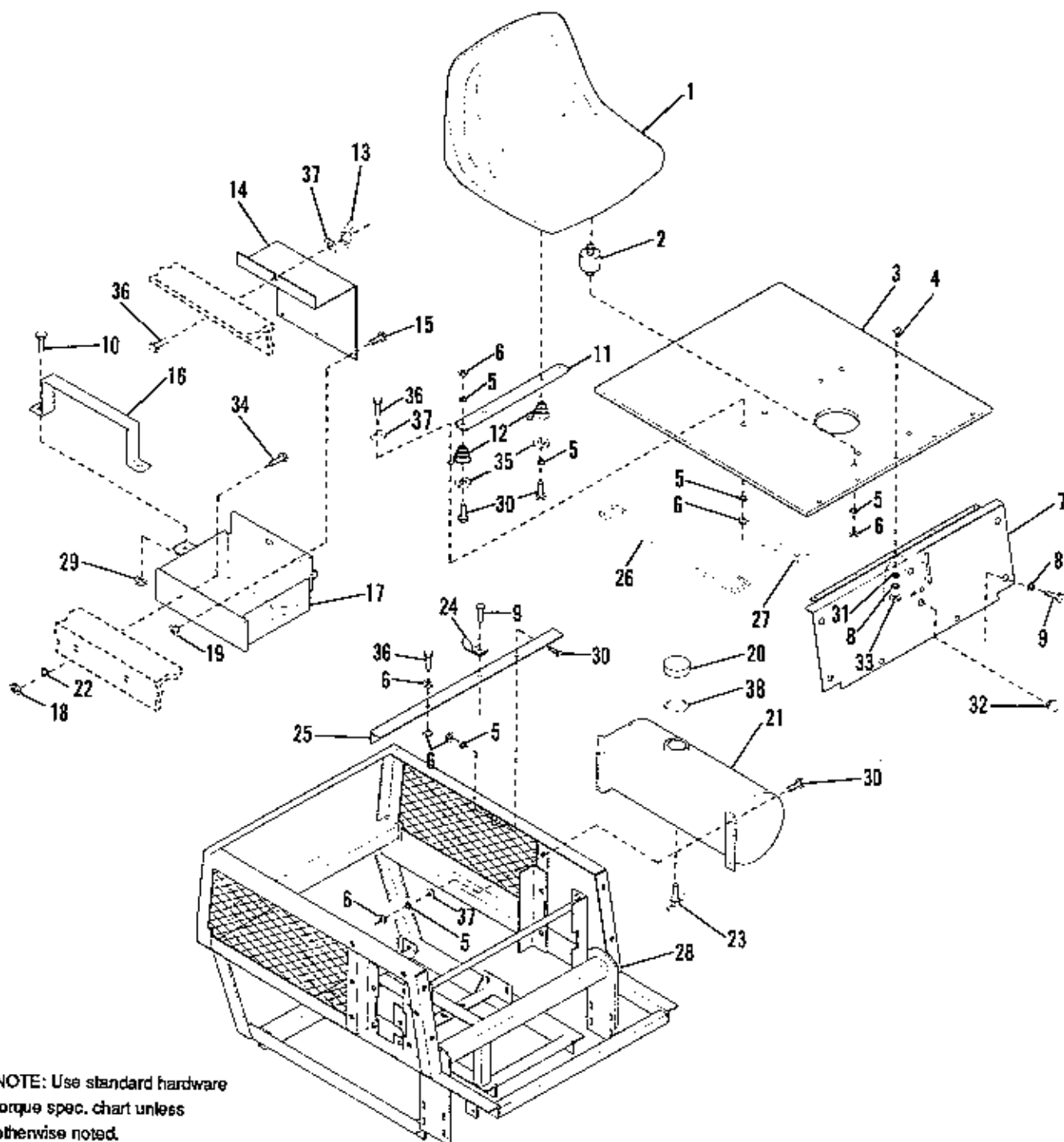
1691854 60 GALLON CATCHER

 Blower Housing Group 60

 Frame & Bin Group 62

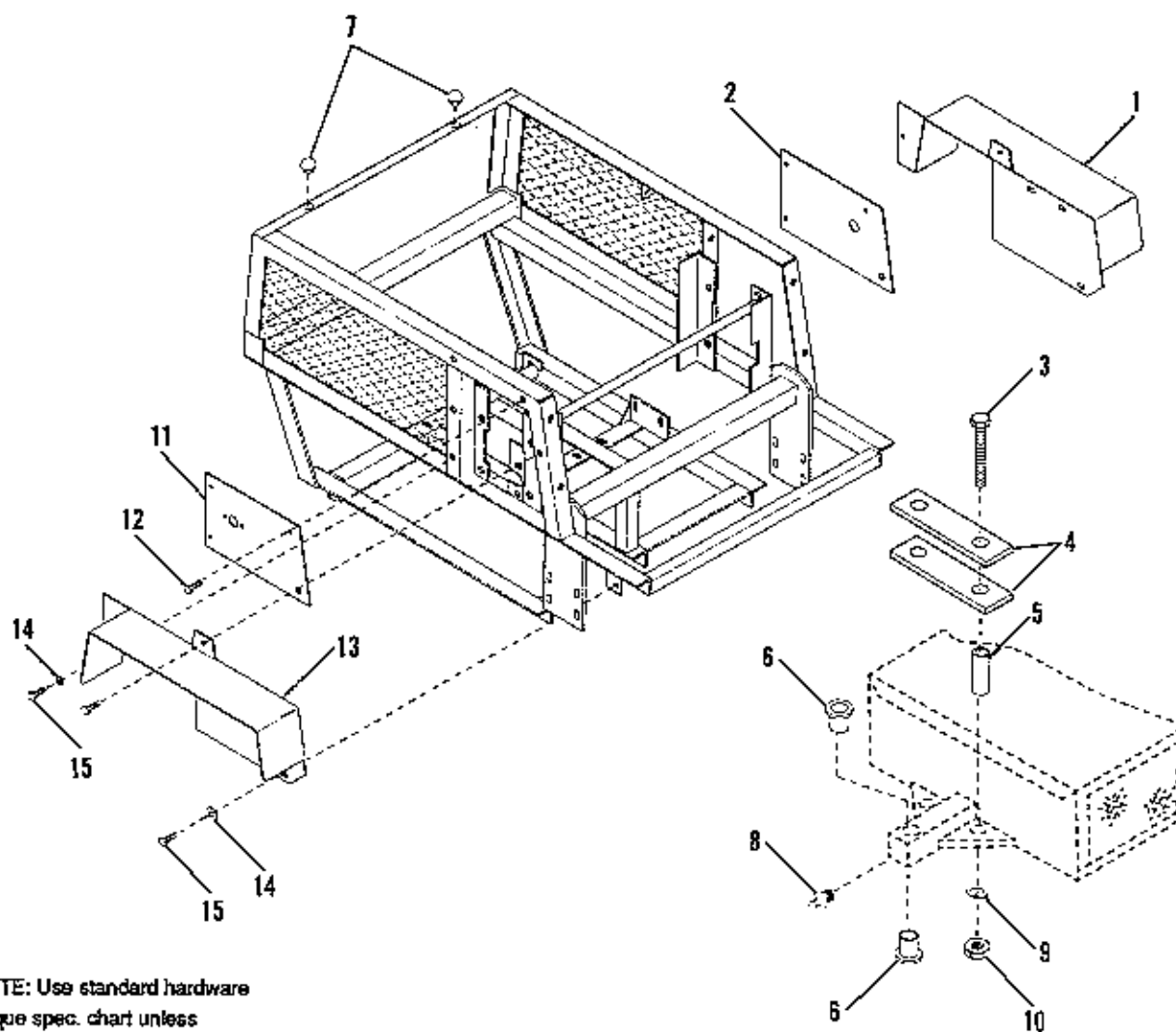
1691864 DOUBLE CHAIN REDUCTION 64

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

Ref. No.	Part No.	Qty.	Description
1	1705117	1	SEAT
2	1712182	1	ISOLATOR
3	1712041	1	SEAT PAN ASSY.
4	1960392	5	SCREW, Pan Head #10-24 x 1/2
5	1917356	16	LOCKWASHER, Spring 5/16
6	1917372	20	NUT, Hex 5/16-18
7	1711546	1	FRONT ASSY.
8	1917365	5	LOCKWASHER, Spring #10
9	1927429	14	SCREW, Tapite 1/4-20 x 5/8
10	1921719	2	CAPSCREW, Hex 5/16-18 x 2-1/2
11	1712754	1	BAR, Spring
12	1712393	4	SPRING, Seat
13	918468	1	WINGNUT 5/16-18
14	1712767	1	COVER, Battery
15	1922121	3	SCREW, Round Head #10-32 x 3/8
16	1712138	1	STRAP, Battery
17	1712492	1	BATTERY BOX ASSY.
18	1916950	2	NUT, Hex 3/8-16
19	1930627	3	LOCKNUT, Hex #10-32
20	1710416	1	CAP, Fuel Tank
21	1712765	1	FUEL TANK ASSY.
22	1916965	2	LOCKWASHER, Spring 3/8
23	156176	1	VALVE, Shutoff
24	1704873	1	CLAMP
25	1712505	1	SUPPORT, Seat
26	1705502	1	ROD, Support
27	1705503	1	BRACKET, Latch
28	1712531	1	FRAME ASSY., (1691841, 1691843, 1691845)
	1705734	1	FRAME ASSY., (1691842, 1691844, 1691846)
29	1923362	2	NUT, Hex, Centerlock 5/16-18
30	1921333	10	CAPSCREW, Hex 5/16-18 x 1
31	1910531	5	WASHER, Plain
32	177447	1	HOLE PLUG, (1691841, 1691843, 1691845 only)
33	1916621	5	NUT, Hex #10-24
34	1921210	2	CAPSCREW, Hex 3/8-16 x 1
35	1924874	8	WASHER, Plain
36	1921332	5	CAPSCREW, Hex 5/16-18 x 3/4
37	1919326	1	WASHER, Plain
38	1705814	1	GASKET

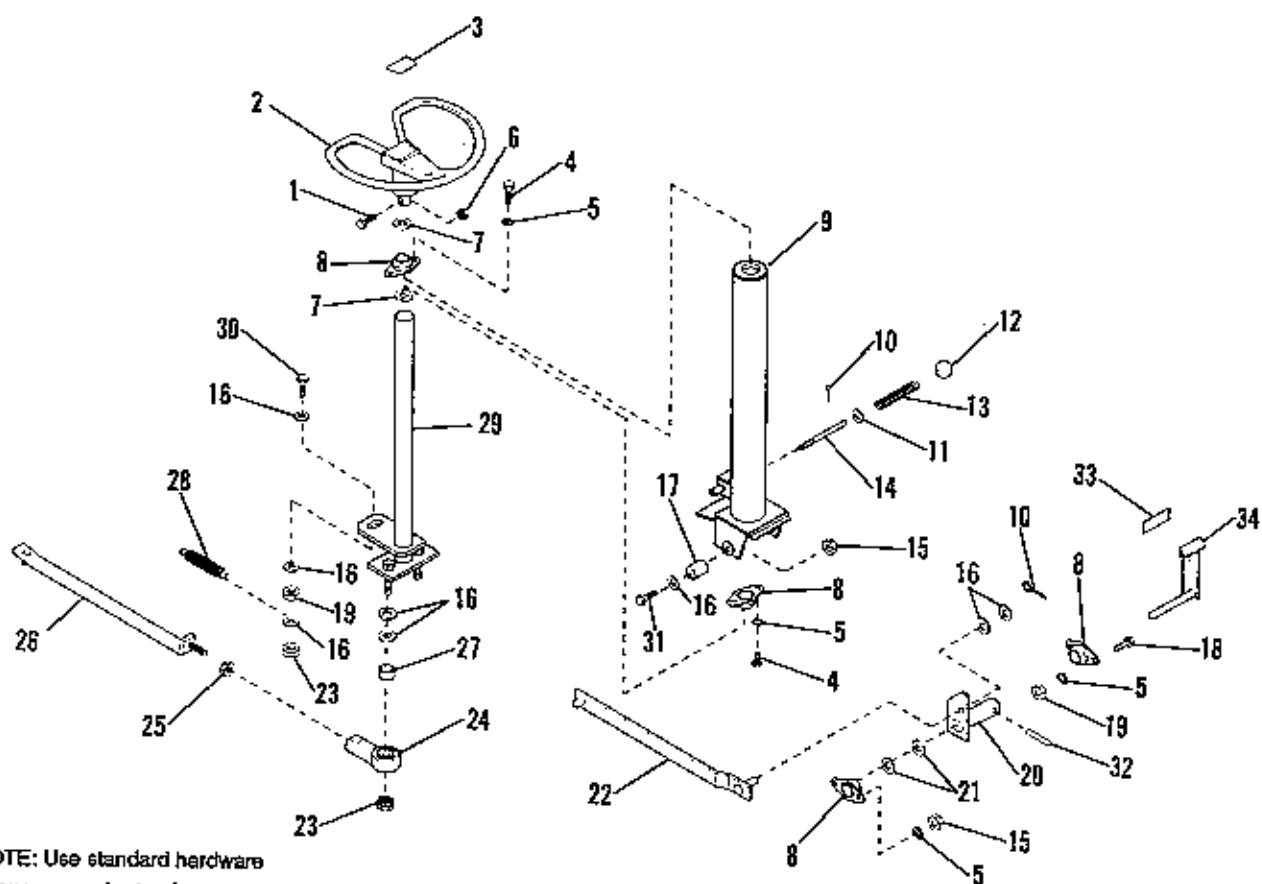


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Ref. No.	Part No.	Qty.	Description
1	1711543	1	FENDER ASSY., Left Hand
2	1711544	1	SIDE, Left Hand
3 *	1960413	2	CAPSCREW, Hex 7/16-14 x 4
	1960412	2	CAPSCREW, Hex 7/16-14 x 4-1/2
	1960411	2	CAPSCREW, Hex 7/16-14 x 5
	1960410	2	CAPSCREW, Hex 7/16-14 x 5-1/2
4	1705128	5	PLATE, Weight
5	1705129	2	TUBE, Spacer
6	1710286	2	BUSHING, Flanged
7	1712798	3	BUMPER, Rubber
8	912808	1	FITTING, Grease
9	1917356	2	LOCKWASHER, Spring 5/16
10	1918213	2	NUT, Hex 7/16-14
11	1711545	1	SIDE, Right Hand
12	1927429	14	SCREW, Taptitle 1/4-20 x 5/8
13	1711537	1	FENDER ASSY., Right Hand
14	1919326	7	WASHER, Plain
15	1921332	9	CAPSCREW, Hex 5/16-18 x 3/4

ENGINE HP	LEVER/WHEEL	TAIL WHEEL	* CAPSCREW LENGTH	# OF WEIGHTS REQUIRED
B&S 16 HP	Lever	Single	4-1/2"	3
B&S 16 HP	Lever	Dual	4"	1
B&S 16 HP	Wheel	Single	5"	4
B&S 16 HP	Wheel	Dual	4"	2
Kohler 18 HP	Lever	Single	4-1/2"	3
Kohler 18 HP	Lever	Dual	—	0
Kohler 18 HP	Wheel	Single	5-1/2"	5
Kohler 18 HP	Wheel	Dual	4-1/2"	3
Kohler 20 HP	Lever	Single	4-1/2"	3
Kohler 20 HP	Lever	Dual	—	0
Kohler 20 HP	Wheel	Single	5-1/2"	5
Kohler 20 HP	Wheel	Dual	4-1/2"	3

* Match capscREW length from chart to length of capscREws listed under Ref. No. 3 (above) to determine correct Part No. to order.

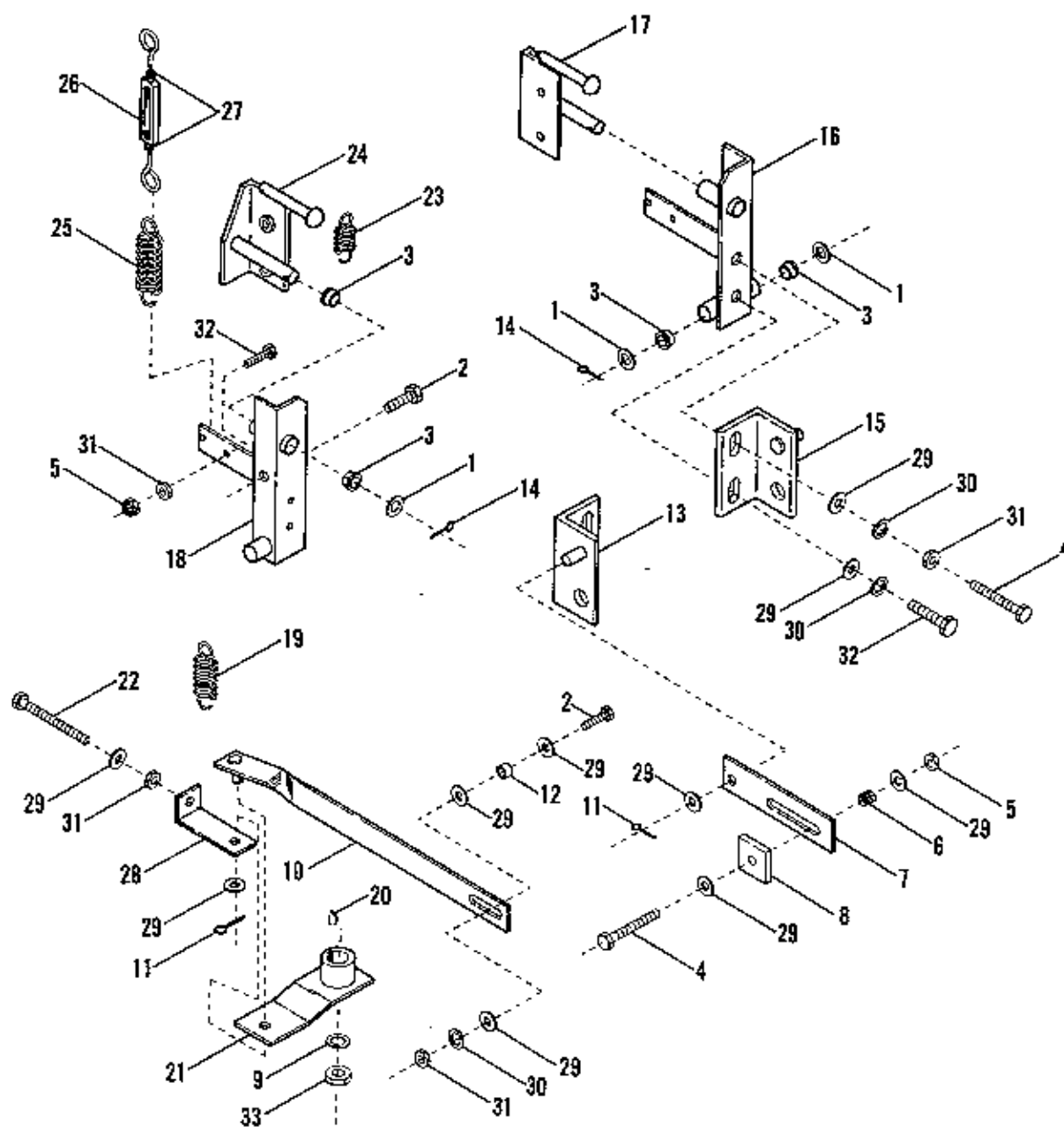


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Ref. No.	Part No.	Qty.	Description
1	1921974	1	CAPSCREW, Hex 3/8–16 x 1–1/2
2	1712342	1	WHEEL, Steering
3	1705396	1	INSERT, Steering Wheel
4	1920787	4	CAPSCREW, Hex 5/16–18 x 1/2
5	1917356	8	LOCKWASHER, Spring 5/16
6	1930651	1	LOCKNUT, Hex 3/8–16
7	1960114	3	WASHER, Plain
8	1712345	4	BEARING, Flanged
9	1712326	1	STEERING COLUMN ASSY.
10	1960394	3	COTTER PIN
11	1924940	2	WASHER, Plain
12	1710003	1	KNOB
13	1712338	1	SPRING
14	1712337	1	ROD, Latch
15	1935048	4	LOCKNUT, Hex, Flanged 5/16–18
16	1919326	13	WASHER, Plain
17	1705486	2	SPACER
18	1921332	2	CAPSCREW, Hex 5/16–18 x 3/4
19	1917372	5	NUT, Hex 5/16–18
20	1712349	1	CLUTCH ARM ASSY.
21	1710650	3	WASHER, Plain
22	1712352	1	LINK ASSY., Clutch, Front
23	1923362	3	LOCKNUT, Hex 5/16–18
24	1712382	2	ROD END
25	1920263	2	NUT, Hex 5/16–24
26	1712374	2	LINK ASSY., Steering
27	1710437	2	SPACER
28	1710316	1	SPRING
29	1712339	1	SHAFT ASSY.
30	1921977	1	CAPSCREW, Hex 5/16–18 x 1–1/4
31	1921333	2	CAPSCREW, Hex 5/16–18 x 1
32	960396	1	ROLL PIN
33	1712379	1	PAD, Non-Skid
34	1712343	1	CLUTCH PEDAL ASSY.

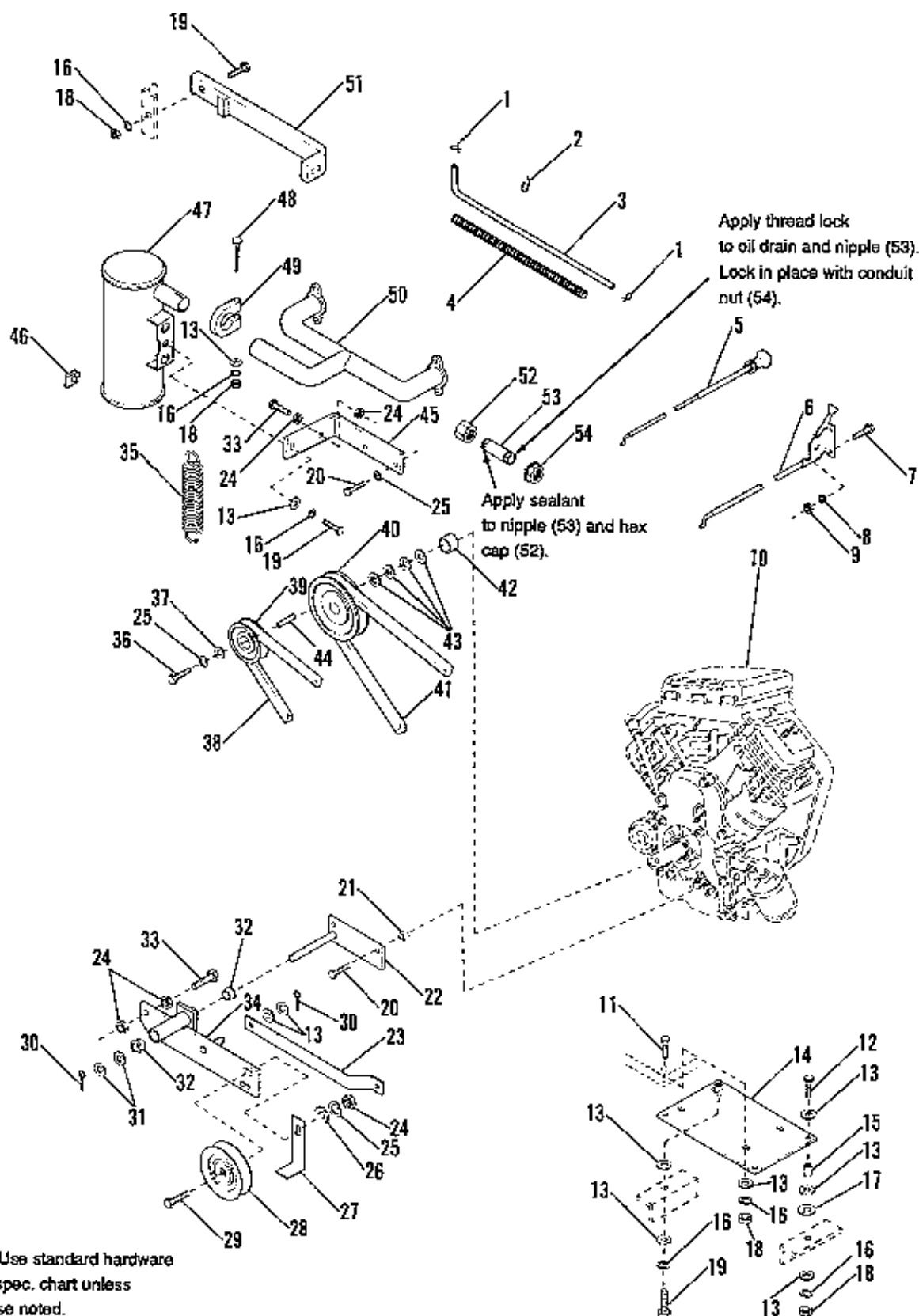
Ref. No.	Part No.	Qty.	Description
1	1669592	2	COLLAR, Set
2	1928004	2	SET SCREW, Sq. Hd. 1/4–20 x 3/8
3	1916621	4	NUT, Hex #10–24
4	1917365	4	LOCKWASHER, #10
5	1710302	2	CLAMP, Light
6	1712324	1	COVER, Front
7	1927429	6	SCREW, Tapita 1/4–20 x 5/8
8	1921332	8	CAPSCREW, Hex 5/16–18 x 3/4
9	1712345	2	BEARING, Flanged
10	1917356	12	LOCKWASHER, Spring 5/16
11	1917372	12	NUT, Hex 5/16–18
12	1712365	1	ARM ASSY.
13	960396	1	ROLL PIN
14	1712368	1	SPACER
15	1710437	2	SPACER
16	1919326	31	WASHER, Plain
17	1710650	1	WASHER, Plain
18	1712392	1	SPRING, Torsion
19	1712362	1	SPEED CONTROL SHAFT ASSY.
20	1712380	1	PAD, Non-Skid
21	1712376	1	PEDAL ASSY.
22	1960009	1	WASHER, Plain
23	1935048	2	LOCKNUT, Hex, Flanged 5/16–18
24	1960027	10	WASHER, Plain
25	1960394	9	COTTER PIN
26	1712383	2	BAR
27	1921333	14	CAPSCREW, Hex 5/16–18 x 1
28	1712384	2	CONTROL ARM ASSY.
29	960397	2	KEY, Hi-Pro 1/8 x 1/2
30	1924940	2	WASHER, Plain
31	1916950	6	NUT, Hex 3/8–16
32	1712184	2	STOP ASSY., Forward Travel
33	1960318	2	CAPSCREW, Hex 3/8–18 x 2–1/2
34	1712369	2	LINK, Adjusting
35	1921977	5	CAPSCREW, Hex 5/16–18 x 1–1/4
36	1712370	1	SPEED CONTROL LINK ASSY., Right Hand
37	1712373	1	SPEED CONTROL LINK ASSY., Left Hand
38	1916965	2	LOCKWASHER, 3/8
39	1712381	2	PAD, Non-Skid
40	1712307	1	FOOTREST ASSY.
41	1922127	2	CAPSCREW, Hex 5/16–18 x 1–3/4
42	1712325	1	COVER, Rear
43	1712358	1	LINK ASSY., Clutch, Rear
44	1712387	1	LINK ASSY., Adjusting
45	1703805	1	KLIPRING 1/2"
46	1712354	1	SHAFT ASSY.
47	1960393	4	SCREW, Pan Head #10–24 x 1
48	1921210	2	CAPSCREW, Hex 3/8–16 x 1

Ref. No.	Part No.	Qty.	Description
1	1712533	1	ARM KIT, Seat
2	1705714	1	FOOTREST ASSY.
3	1705320	2	PAD, Non-Skid
4	1921333	6	CAPSCREW, Hex 5/16-18 x 1
5	1917356	12	LOCKWASHER, Spring 5/16
6	1917372	10	NUT, Hex 5/16-18
7	1921210	2	CAPSCREW, Hex 3/8-16 x 1
8	1916965	4	LOCKWASHER, Spring 3/8
9	1710437	2	BUSHING
10	1919326	8	WASHER, Plain
11	1712514	2	BRACKET, Footrest
12	1712511	1	PLATE, Neutral, Left Hand
13	1711551	1	HANDRAIL ASSY.
14	1711555	1	GRIP
15	1710434	2	GRIP, Handle
16	1710431	2	HANDLE ASSY.
17	1921332	4	CAPSCREW, Hex 5/16-18 x 3/4
18	1712510	1	PLATE, Neutral, Right Hand



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

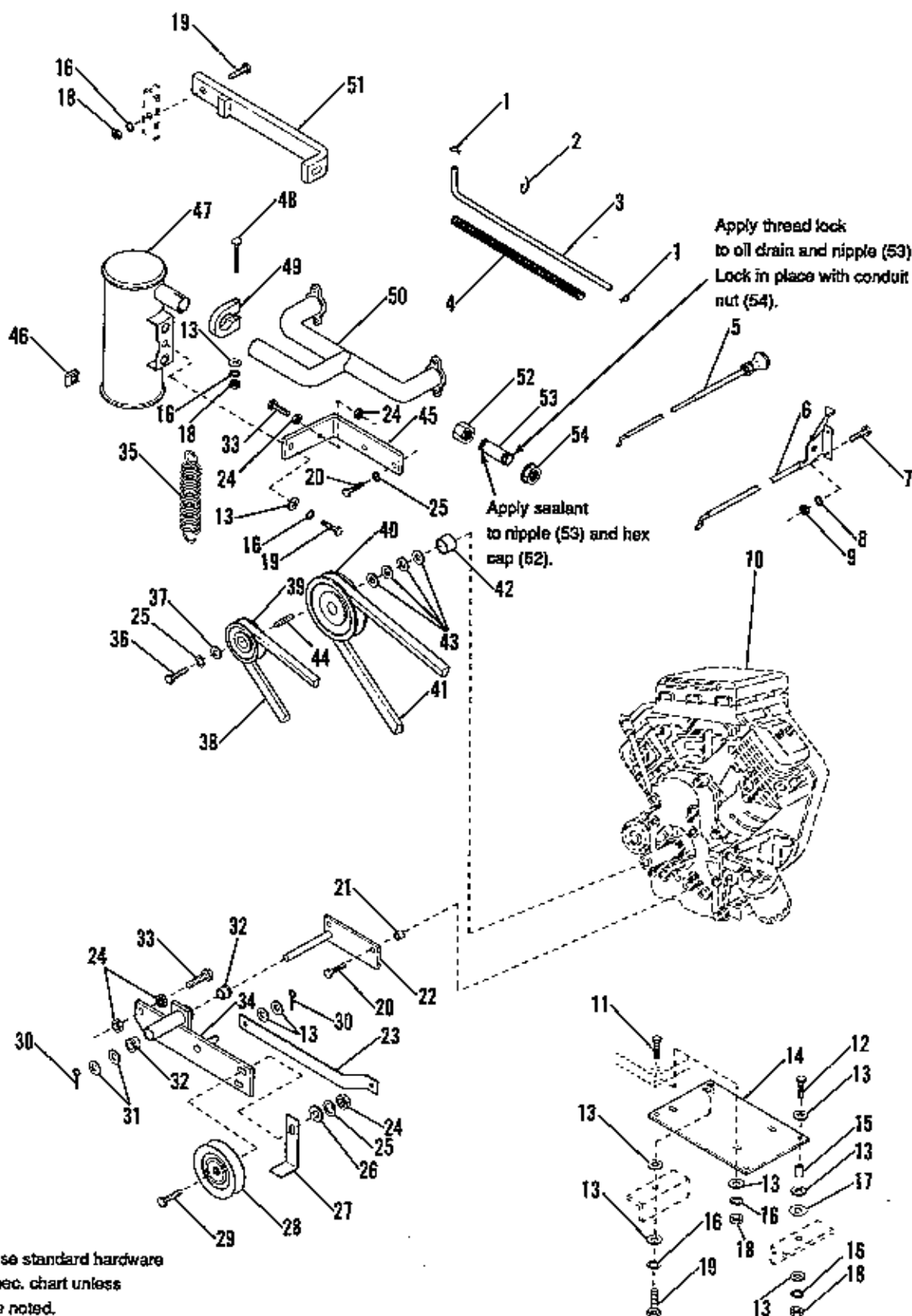
Ref. No.	Part No.	Qty.	Description
1	1960027	6	WASHER, Plain
2	1921971	4	CAPSCREW, Hex 5/16-18 x 1-1/4
3	1710005	8	BEARING, Flanged
4	1921978	4	CAPSCREW, Hex 5/16-18 x 2
5	1923362	4	LOCKNUT, Unitorque 5/16-18
6	1710465	2	SPRING, Friction
7	1710463	2	BAR, Friction
8	1710464	2	PAD, Friction
9	1916950	2	NUT, Hex 3/8-16
10	1711572	2	LINK ASSY., Control
11	1960394	4	COTTER PIN
12	1710437	2	SPACER
13	1711586	1	BRACKET ASSY., Speed Adjust, Right Hand
14	1918451	4	COTTER PIN
15	1711587	1	BRACKET ASSY., Speed Adjust, Left Hand
16	1712507	1	CONTROL ASSY., Left Hand
17	1711576	1	JOINT ASSY., Left Hand
18	1712506	1	CONTROL ASSY., Right Hand
19	1712183	2	SPRING, Lower
20	960397	2	KEY, Woodruff 1/8 x 1/2
21	1710428	2	ARM ASSY., Control
22	1960318	2	CAPSCREW, Hex 5/16-18 x 2-1/2
23	1710440	2	SPRING, Handle
24	1711574	1	JOINT ASSY., Right Hand
25	1710136	2	SPRING, Upper
26	1712204	2	TURNBUCKLE
27	1916622	2	NUT, Hex 1/4-20
28	1712184	2	STOP ASSY., Forward Travel
29	1919326	32	WASHER, Plain
30	1917356	10	LOCKWASHER, Spring 5/16
31	1917372	16	NUT, Hex 5/16-18
32	1921333	10	CAPSCREW, Hex 5/16-18 x 1
33	1916965	2	LOCKWASHER, Spring 3/8



Ref. No.	Part No.	Qty.	Description
1	1960112	2	CLAMP, Hose
2	932747	1	TIE WRAP
3	1676861	1	HOSE, Fuel (Cut to 24" length)
4	1705271	1	TUBING, Flexible
5	1705086	1	CHOKE CABLE
6	1705092	1	THROTTLE CABLE
7	1960392	2	SCREW, Pan Head #10-24 x 1/2
8	1917365	2	LOCKWASHER, Spring #10
9	1916621	2	NUT, Hex #10-24
10	*	1	ENGINE, 16 HP Briggs & Stratton
11	1922127	4	CAPSCREW, Hex 5/16-18 x 1-3/4
12	1921978	3	CAPSCREW, Hex 5/16-18 x 2
13	1919326	19	WASHER, Plain
14	1712770	1	MOUNTING PLATE ASSY.
15	1667133	3	SPACER
16	1917356	11	LOCKWASHER, Spring 5/16
17	933988	3	PUSH NUT
18	1917372	9	NUT, Hex 5/16-18
19	1921332	3	CAPSCREW, Hex 5/16-18 x 3/4
20	1921210	4	CAPSCREW, Hex 3/8-16 x 1
21	1710554	2	SPACER
22	1712794	1	IDLER PIVOT ASSY.
23	1712793	1	LINK, Clutch
24	1916950	4	NUT, Hex 3/8-16
25	1916965	4	LOCKWASHER, Spring 3/8
26	1924940	1	WASHER, Plain
27	1710546	1	RETAINER, Belt
28	1710545	1	V - PULLEY, Idler, PTO
29	1921974	1	CAPSCREW, Hex 3/8-16 x 1-1/2
30	1960394	2	COTTER PIN
31	1960027	2	WASHER, Plain

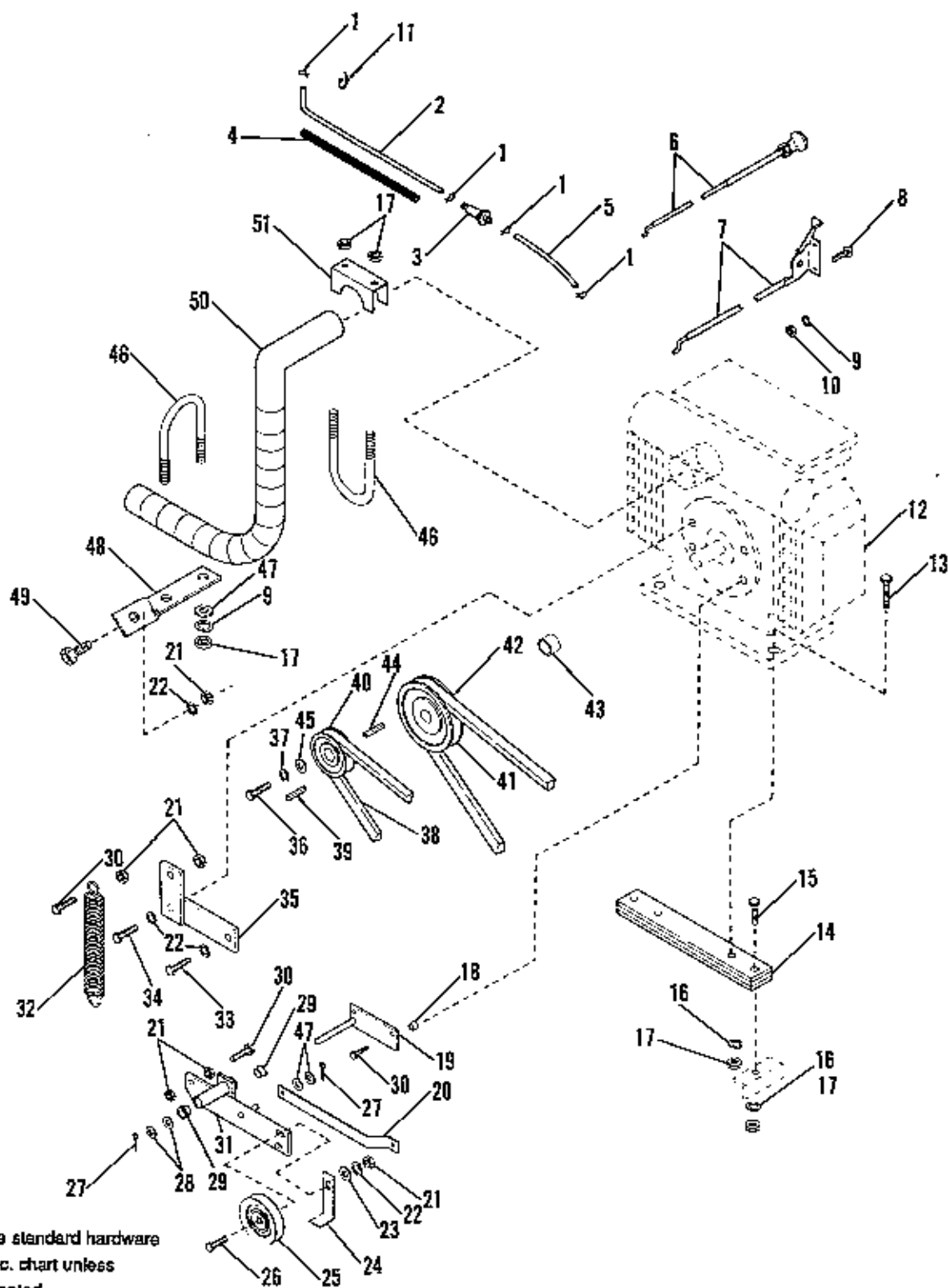
Ref. Nos. 32 thru 54 are shown on pages 16 & 17.

* See an authorized Briggs & Stratton dealer for engine service and parts.
Engine parts are not available through Simplicity.



Ref. No.	Part No.	Qty.	Description
32	1710005	2	BEARING, Flanged
33	1921971	2	CAPSCREW, Hex 3/8-16 x 1-3/4
34	1712796	1	IDLER ARM ASSY.
35	1710547	1	SPRING
36	1922128	1	CAPSCREW, Hex 3/8-24 x 1-1/2
37	1960009	1	WASHER, Plain
38	1705109	1	V - BELT, Traction
39	1705145	1	V - PULLEY, Traction
40	1705144	1	V - PULLEY, PTO
41	1705107	1	V - BELT, PTO
42	1711619	1	SPACER, Engine
43	1710287	4	WASHER, Plain
44	960281	1	KEY, Square 1/4 x 1-3/4
45	1705302	1	SUPPORT, Muffler
46	935255	1	PAL-NUT 5/16-18
47	1703971	1	MUFFLER ASSY.
48	1931342	1	CARRIAGE BOLT 5/16-18 x 2-3/4
49	1676183	1	CLAMP, Muffler
50	1705373	1	MANIFOLD ASSY., Exhaust
51	1712790	1	WIRE BRACKET ASSY.
52	1667346	1	CAP, Hex 3/8-18 NPT
53	901489	1	NIPPLE, Pipe 3/8-18 x 1
54	1932849	1	NUT, Conduit 3/8-18

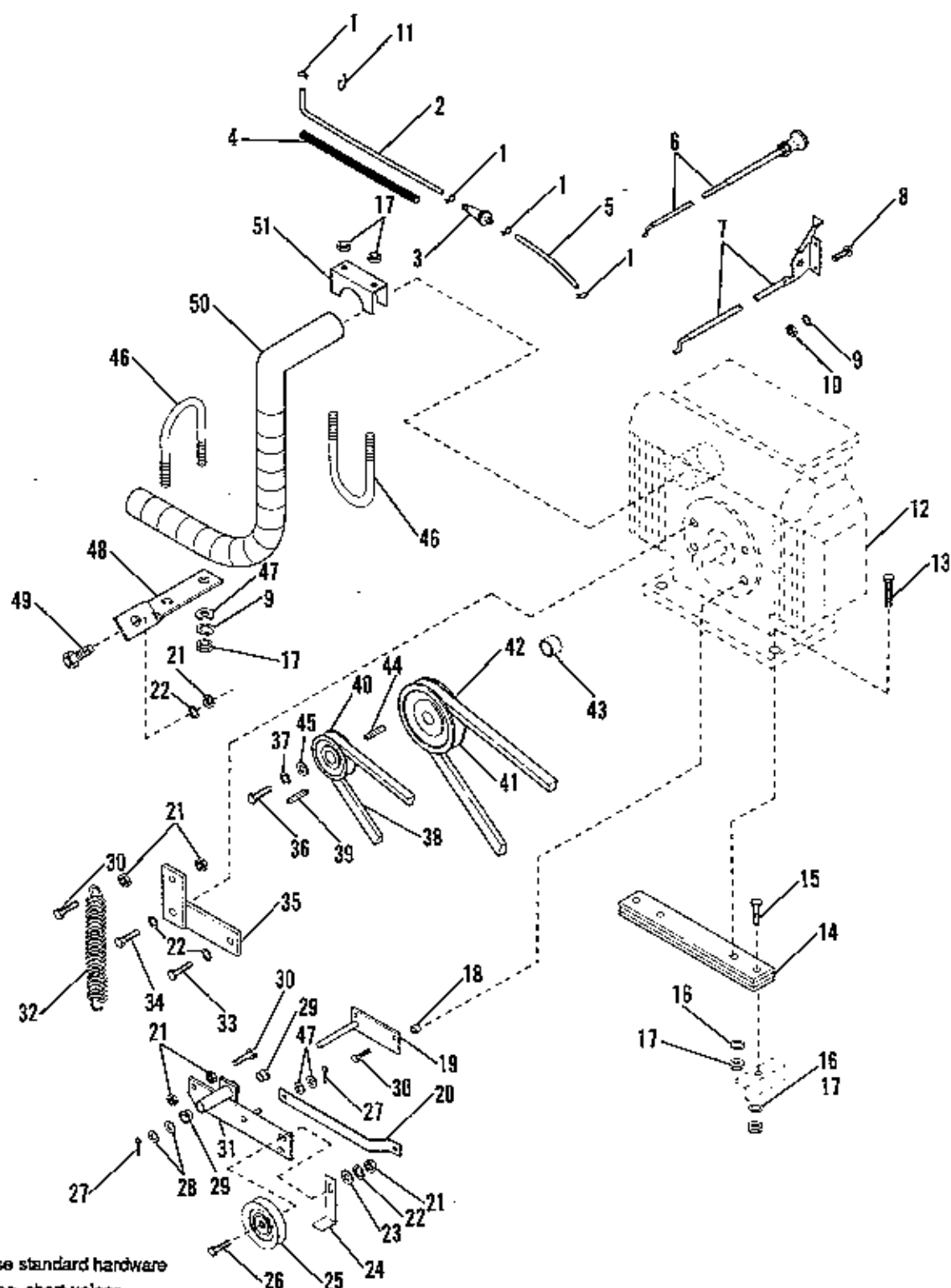
Ref. Nos. 1 thru 31 are shown on pages 14 & 15.



Ref. No.	Part No.	Qty.	Description
1	1960112	4	CLAMP, Hose
2	1676861	1	HOSE, Fuel, 12" (Cut to length)
3	173206	1	FILTER, Fuel
4	1705271	1	TUBING, Flexible
5	1705113	1	HOSE, Fuel, 5"
6	1705087	1	CHOKE CABLE
7	1711614	1	THROTTLE CABLE
8	1960392	2	SCREW, Pan Head #10-24 x 1/2
9	1917365	3	LOCKWASHER, Spring #10
10	1916621	2	NUT, Hex #10-24
11	932747	1	TIE WRAP
12	"	1	ENGINE, 18 HP Kohler (1691843, 1691844)
	"	1	ENGINE, 20 HP Kohler (1691845, 1691846)
13	1922127	3	CAPSCREW, Hex 5/16-18 x 1-3/4
14	1712114	5	BAR ASSY., Spacer
15	1921221	4	CAPSCREW, Hex 5/16-18 x 1-1/2
16	1917356	7	LOCKWASHER, Spring 5/16
17	1917372	8	NUT, Hex 5/16-18
18	1667133	2	SPACER
19	1705132	1	IDLER PIVOT ASSY.
20	1705321	1	LINK, Clutch
21	1916950	5	NUT, Hex 3/8-18
22	1916965	3	LOCKWASHER, Spring 3/8
23	1924940	1	WASHER, Plain
24	1710546	1	RETAINER, Belt
25	1710545	1	V - PULLEY, Idler, PTO
26	1921974	1	CAPSCREW, Hex 3/8-16 x 1-1/2
27	1960394	2	COTTER PIN
28	1960027	2	WASHER, Plain
29	1710005	2	BEARING, Flanged

Ref. Nos. 30 thru 51 are shown on pages 20 & 21.

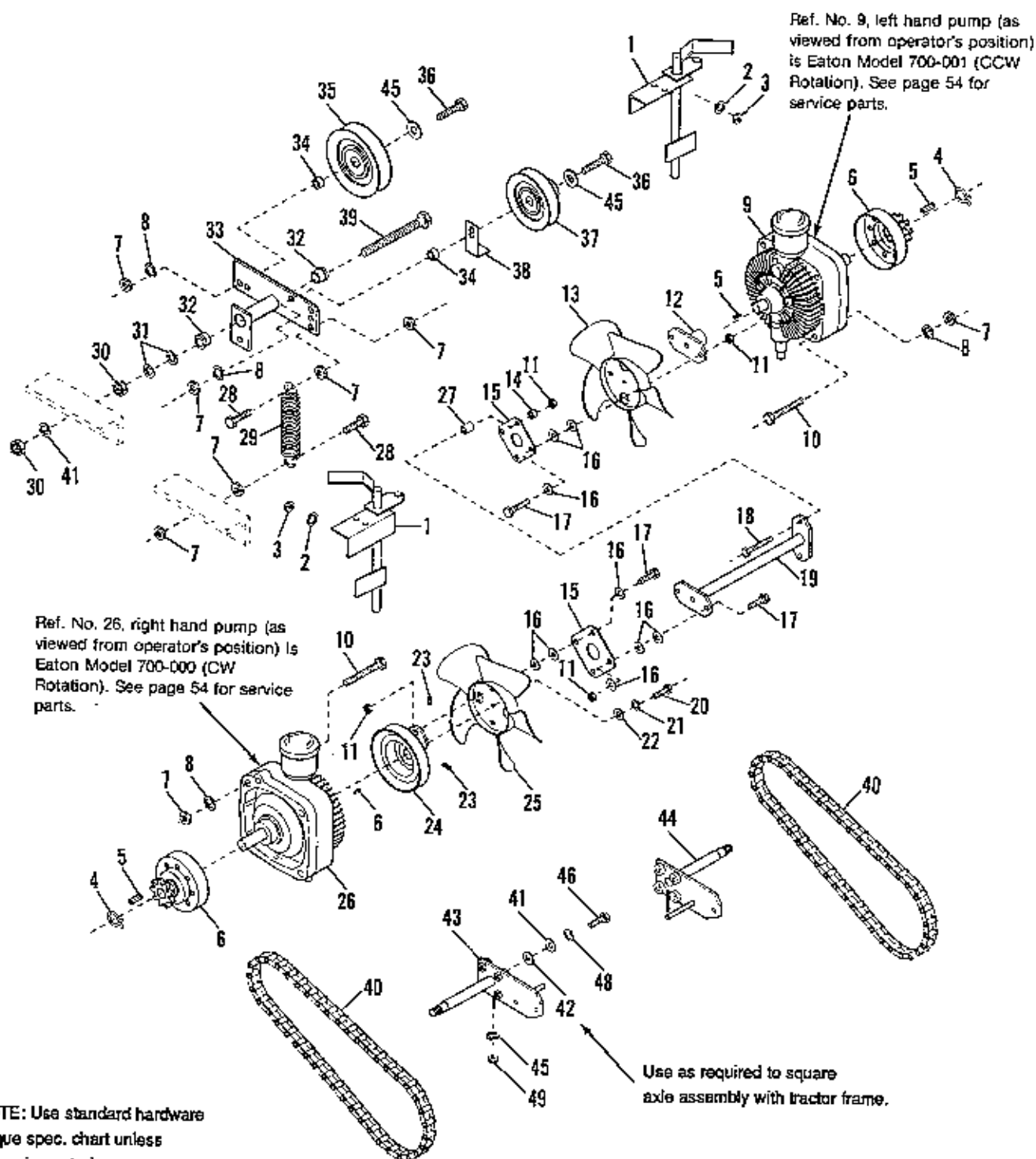
* See an authorized Kohler dealer for engine parts and service.
Engine parts are not available through Simplicity.



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

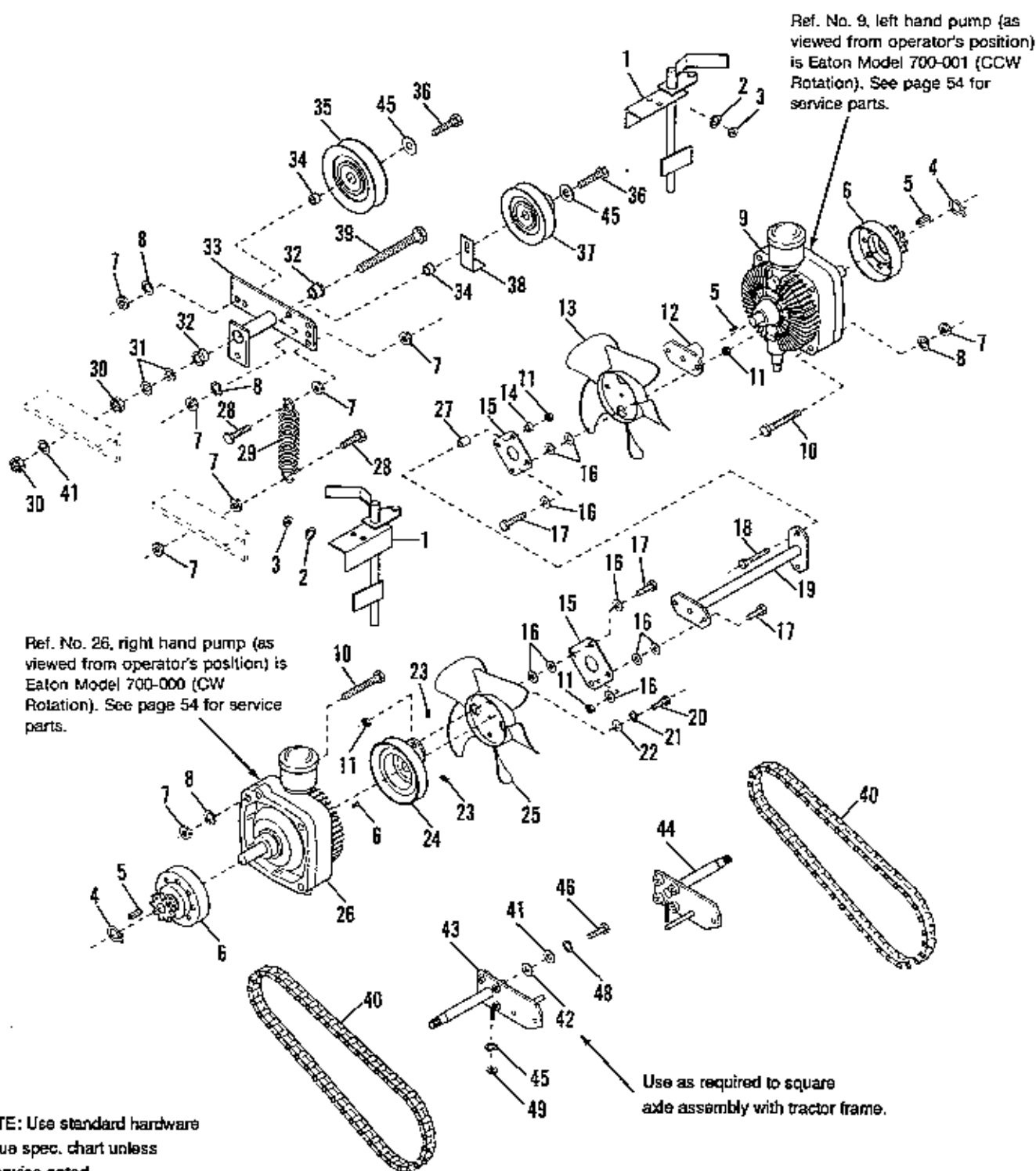
Ref. No.	Part No.	Qty.	Description
30	1921971	4	CAPSCREW, Hex 3/8-16 x 1-3/4
31	1705130	1	IDLER ARM ASSY.
32	1710547	1	SPRING
33	1921210	1	CAPSCREW, Hex 3/8-16 x 1
34	1920415	1	CAPSCREW, Hex 3/8-16 x 1-1/4
35	1712034	1	SPRING ANCHOR ASSY.
36	1922380	1	CAPSCREW, Hex 7/16-20 x 1-1/4
37	1918199	1	LOCKWASHER, Spring 7/16
38	1705108	1	V - BELT, Traction
39	960401	1	KEY, Parallel
40	1705136	1	V - PULLEY, Traction
41	1705135	1	V - PULLEY, PTO
42	1705106	1	V - BELT, PTO
43	1712030	1	SPACER, Engine
44	157652	1	KEY, Square
45	1933263	1	WASHER, Plain
46	1705272	1	U-BOLT
47	1919326	3	WASHER, Plain
48	1712287	1	BRACKET, Muffler
49	1921965	1	CAPSCREW, Hex 3/8-16 x 3/4
50	1712755	1	ELBOW ASSY., Muffler
51	1712286	1	CLAMP ASSY., Exhaust

Ref. Nos. 1 thru 29 are shown on pages 18 & 19.



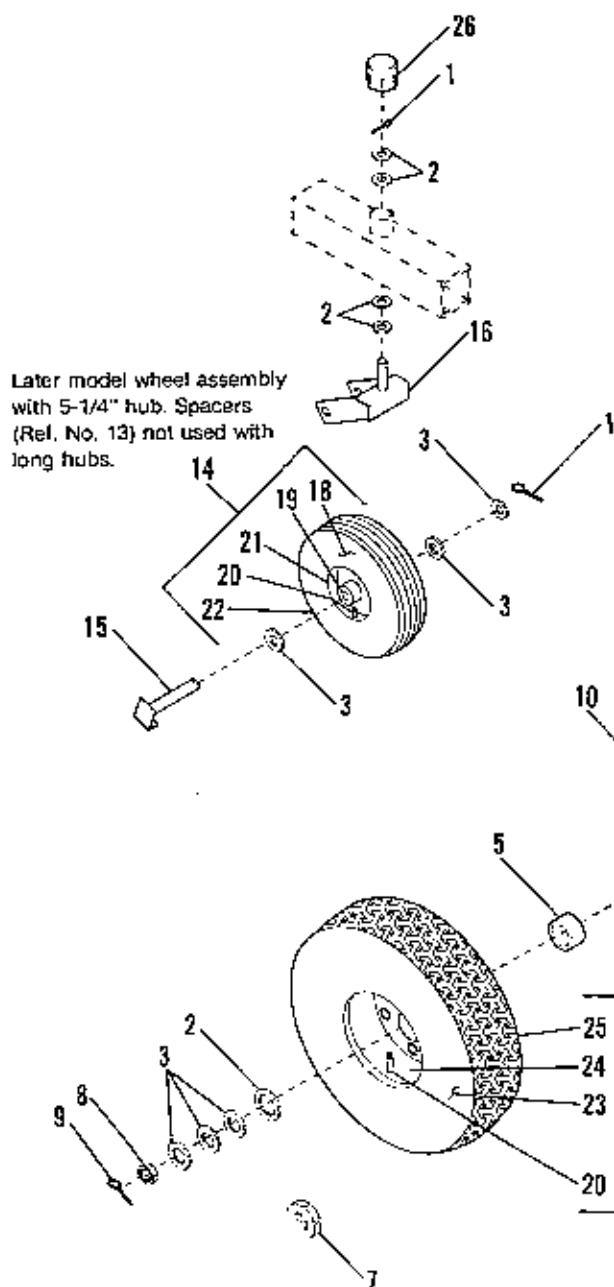
Ref. No.	Part No.	Qty.	Description
1	1710454	2	TOW CONTROL ASSY.
2	1917356	2	LOCKWASHER, Spring 5/16
3	1917372	2	NUT, Hex 5/16-18
4	927731	2	RING, Retaining, External
5	960397	4	KEY, Hi-Pro 1/8 x 1/2
6	1712524	2	SPROCKET AND DRUM ASSY.
7	1916950	14	NUT, Hex 3/8-16
8	1916965	10	LOCKWASHER, Spring 3/8
9	1700690	1	HYDROSTATIC TRANSMISSION, Left Hand (Model 700-001)
10	1923903	8	CAPSCREW, Hex 3/8-16 x 3
11	1923362	8	LOCKNUT, Hex 5/16-18
12	1710567	1	HUB ASSY.
13	1710573	1	FAN ASSY., Left Hand
14	1710437	2	SPACER, Short
15	1710575	2	DISC
16	1919326	18	WASHER, Plain
17	1921333	6	CAPSCREW, Hex 5/16-18 x 1
18	1922127	2	CAPSCREW, Hex 5/16-18 x 1-3/4
19	1711610	1	SHAFT ASSY.
20	1923341	1	CAPSCREW, Hex 1/4-20 x 3/4
21	1916964	1	LOCKWASHER, Spring 1/4
22	1921319	1	WASHER, Plain
23	1960110	2	SETSCREW 1/4-28 x 1/2
24	1710570	1	V - PULLEY ASSY.
25	1710574	1	FAN ASSY., Right Hand
26	1710426	1	HYDROSTATIC TRANSMISSION, Right Hand (Model 700-000)
27	1710703	2	SPACER, Long
28	1921974	2	CAPSCREW, Hex 3/8-16 x 1-1/2
29	1705134	1	SPRING, Extension
30	1913744	2	NUT, Jam, Hex 1/2-13

Ref. Nos. 31 thru 49 are located on pages 24 & 25.

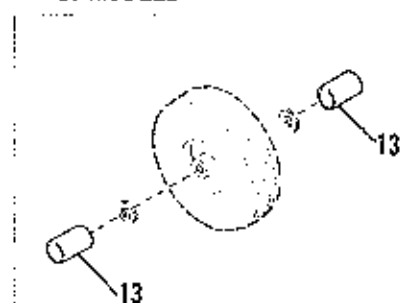


Ref. No.	Part No.	Qty.	Description
31	1960027	3	WASHER, Plain
32	1710005	2	BUSHING, Flanged
33	1712786	1	IDLER ARM ASSY.
34	1710554	2	SPACER
35	1710539	1	V – PULLEY, Idler
36	1923701	2	CAPSCREW, Hex 3/8–16 x 2
37	1710024	1	V – PULLEY, Idler
38	1710081	1	RETAINER, Belt
39	1926159	1	CAPSCREW, Hex 1/2–13 x 5
40	1711536	2	CHAIN, Drive
41	1916966	1	LOCKWASHER, Spring 1/2
42	1918267	8	WASHER, Plain
43	1712759	1	AXLE PLATE ASSY., Right Hand (1691841, 1691843, 1691845)
	1705617	1	AXLE PLATE ASSY., Right Hand (1691842, 1691844, 1691846)
44	1712760	1	AXLE PLATE ASSY., Left Hand (1691841, 1691843, 1691845)
	1705618	1	AXLE PLATE ASSY., Left Hand (1691842, 1691844, 1691846)
45	1924940	4	WASHER, Plain
46	1920594	8	CAPSCREW, Hex 7/16–20 x 2
47	1925125	8	WASHER, Plain
48	1918199	8	LOCKWASHER, Spring 7/16
49	1919439	2	NUT, Hex ESNA Lock 3/8–16

Ref. Nos. 1 thru 30 are located on pages 22 & 23.

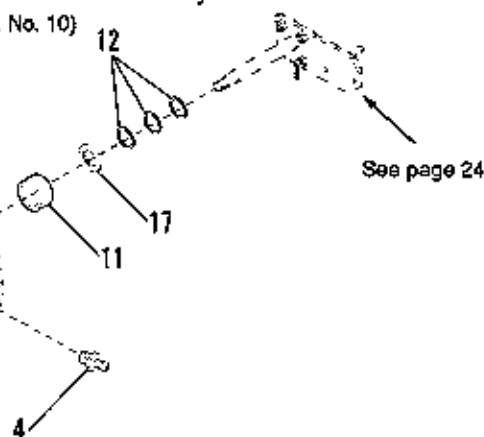


EARLY MODELS



Early models with 3" hubs. Spacers (Ref. No. 13) required. Later model wheel assembly (Ref. No. 14) replaces early wheel assembly and spacers.

Qty. 2-4 as required for alignment of hub assembly (Ref. No. 10)

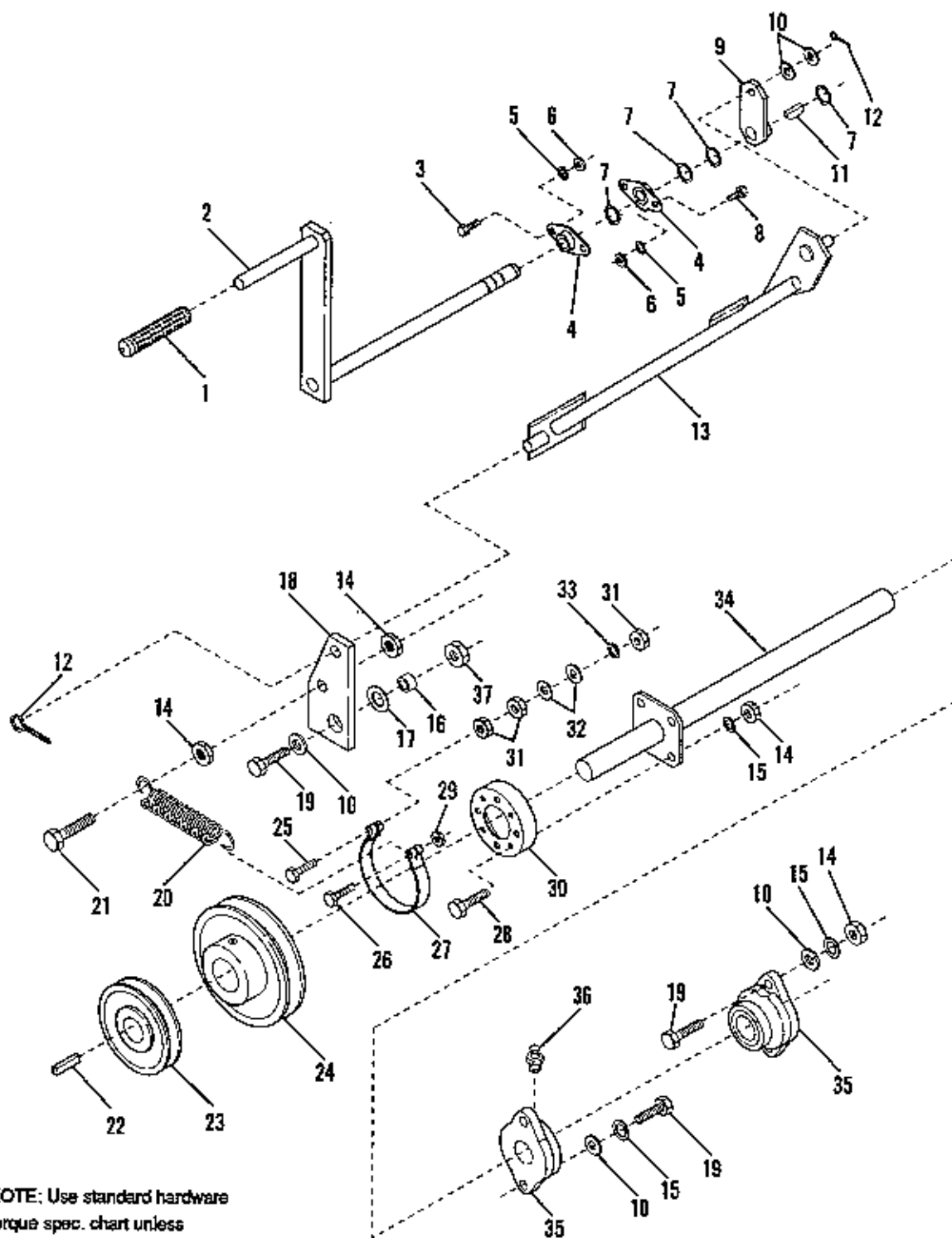


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Wheel and Tire Group

Ref. No.	Part No.	Qty.	Description
1	1918459	2	COTTER PIN
2	1710287	6	WASHER, Plain
3	980181	9	WASHER, Plain
4	912808	2	FITTING, Grease
5	1711534	2	BEARING
6	1705756	2	WHEEL AND TIRE ASSY., 18 x 9.50-8 (Includes Ref. Nos. 20 (Qty. 2), 23, 24, and 25)
7	177725	8	NUT, Wheel 7/16-20
8	1860387	2	NUT, Hex, Slotted 3/4-16
9	918454	2	COTTER PIN
10	1712738	2	HUB ASSY.
11	1712741	2	BEARING
12	1712764	2-4	WASHER, Plain (As required for alignment)
13	1711373	2	SPACER, Caster (Early models only)
14	1705539	1	WHEEL AND TIRE ASSY., 13 x 5.00-6 (Includes Ref. Nos. 18, 19, 20 (Qty. 2) 21, and 22)
15	1711375	1	AXLE ASSY.
16	1711368	1	CASTER ASSY.
17	1860409	2	WASHER, Plain
18	* 1664090	2	TUBE, (Used with Ref. No. 14)
19	1712288	4	BEARING, Flanged
20	172353	2	VALVE STEM
21	1705760	2	WHEEL ASSY.
22	1713048	2	TIRE, 13 x 5.00-6
23	* 164247	2	TUBE, (Used with Ref. No. 6)
24	1705097	2	WHEEL ASSY.
25	1705757	2	TIRE, 18 x 9.50-8
26	1673333	1	CAP, Threaded

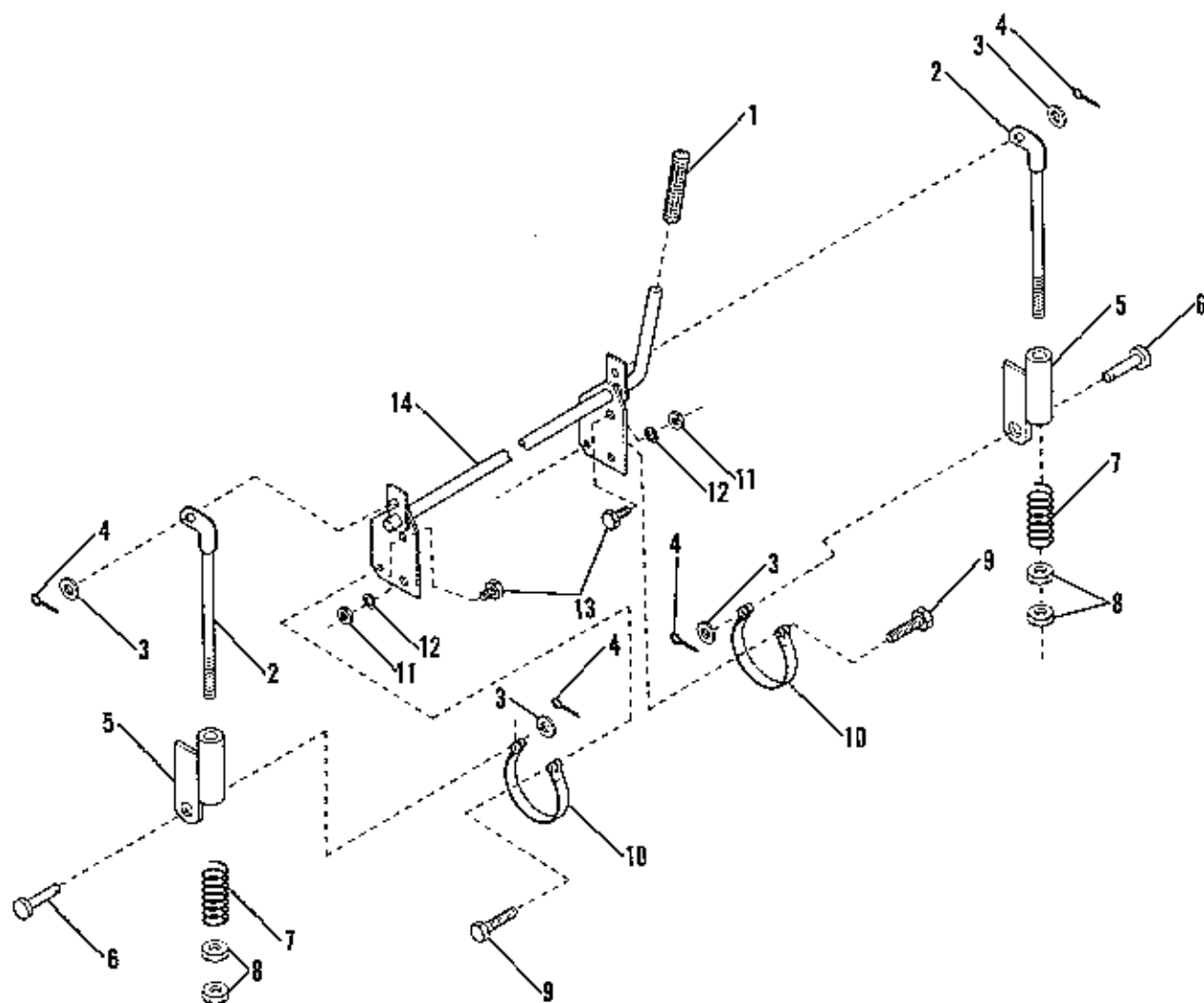
* Note: Simplicity Tire Sealant can be used to repair tires in place of tubes. See inside front cover of this manual for part number.



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

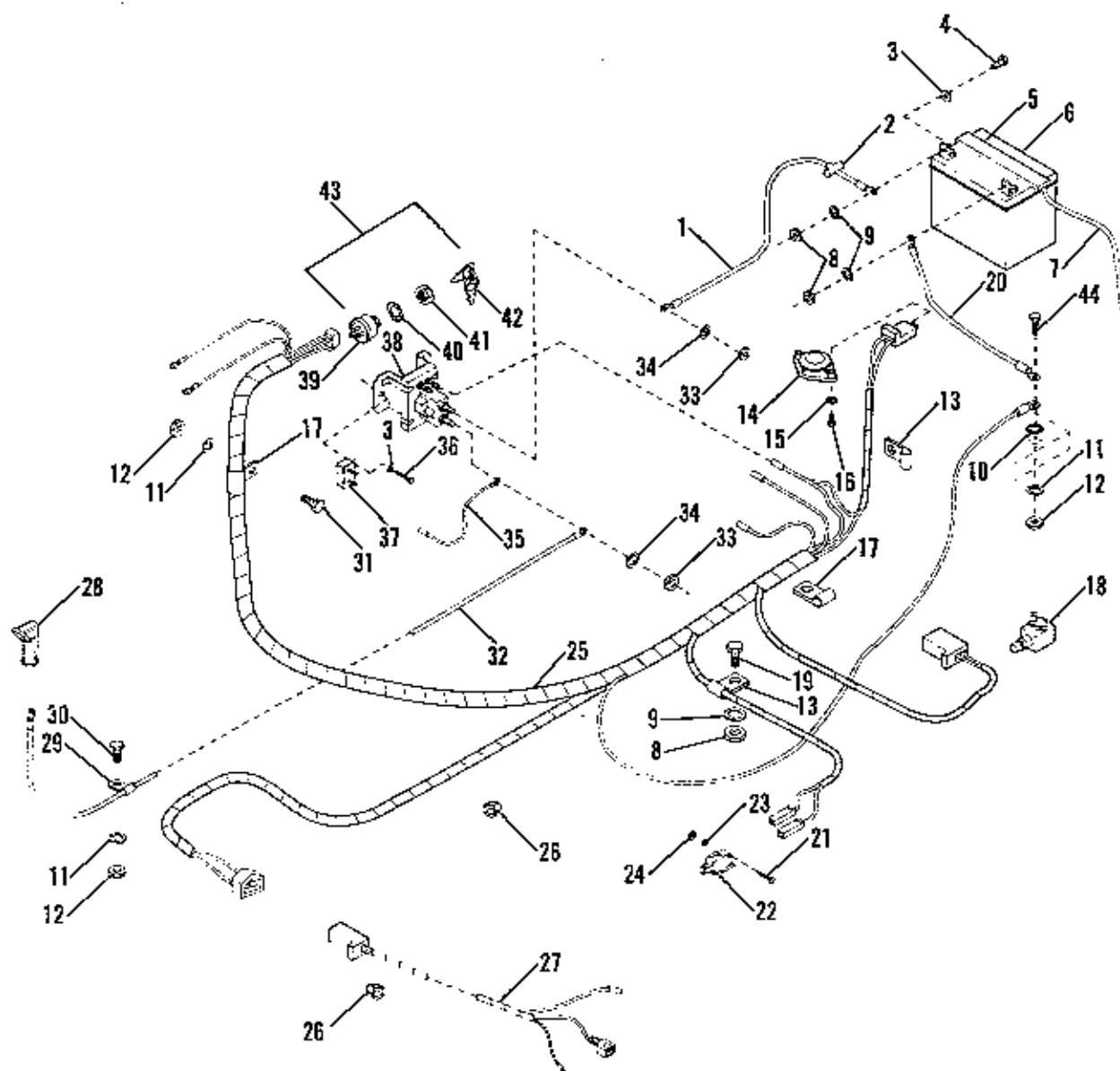
Controls Group (Parking Brake Assembly)

Ref. No.	Part No.	Qty.	Description
1	1710434	1	GRIP
2	1711599	1	PTO HANDLE ASSY.
3	1921959	2	CAPSCREW, Hex 1/4-20 x 1/2
4	1710561	2	BEARING, Flanged
5	1916964	4	LOCKWASHER, Spring 1/4
6	1916622	4	NUT, Hex 1/4-20
7	927103	4	RING, Retaining, External 5/8
8	1923341	2	CAPSCREW, Hex 1/4-20 x 3/4
9	1711801	1	ARM ASSY.
10	1924874	7	WASHER, Plain
11	905123	1	KEY, Woodruff 3/16 x 3/4
12	1960394	2	COTTER PIN
13	1711603	1	ROD ASSY.
14	1917372	6	NUT, Hex 5/16-18
15	1917356	8	LOCKWASHER, Spring 5/16
16	1710437	1	SPACER
17	1924359	1	WASHER, Plain
18	1711607	1	ARM, Brake
19	1921977	5	CAPSCREW, Hex 5/16-18 x 1-1/4
20	1710316	1	SPRING, Tension
21	1921221	1	CAPSCREW, Hex 5/16-18 x 1-1/2
22	905100	1	KEY, Square 1/4 x 2-1/4
23	1711141	1	V - PULLEY, PTO
24	1711140	1	V - PULLEY, PTO
25	1933685	1	CAPSCREW, Hex 3/8-16 x 2-1/2
26	1921974	1	CAPSCREW, Hex 3/8-16 x 1-1/2
27	1710553	3	BAND, Brake
28	1921332	4	CAPSCREW, Hex 5/16-18 x 3/4
29	1930651	1	LOCKNUT, Hex 3/8-16
30	1710556	1	DRUM, Brake
31	1916950	3	NUT, Hex 3/8-16
32	1924940	2	WASHER, Plain
33	1916965	1	LOCKWASHER, Spring 3/8
34	1712251	1	JACKSHAFT ASSY.
35	1710008	2	BEARING, Collared
36	918186	1	FITTING, Grease
37	1935048	3	LOCKNUT, Hex, Flanged 5/16-18



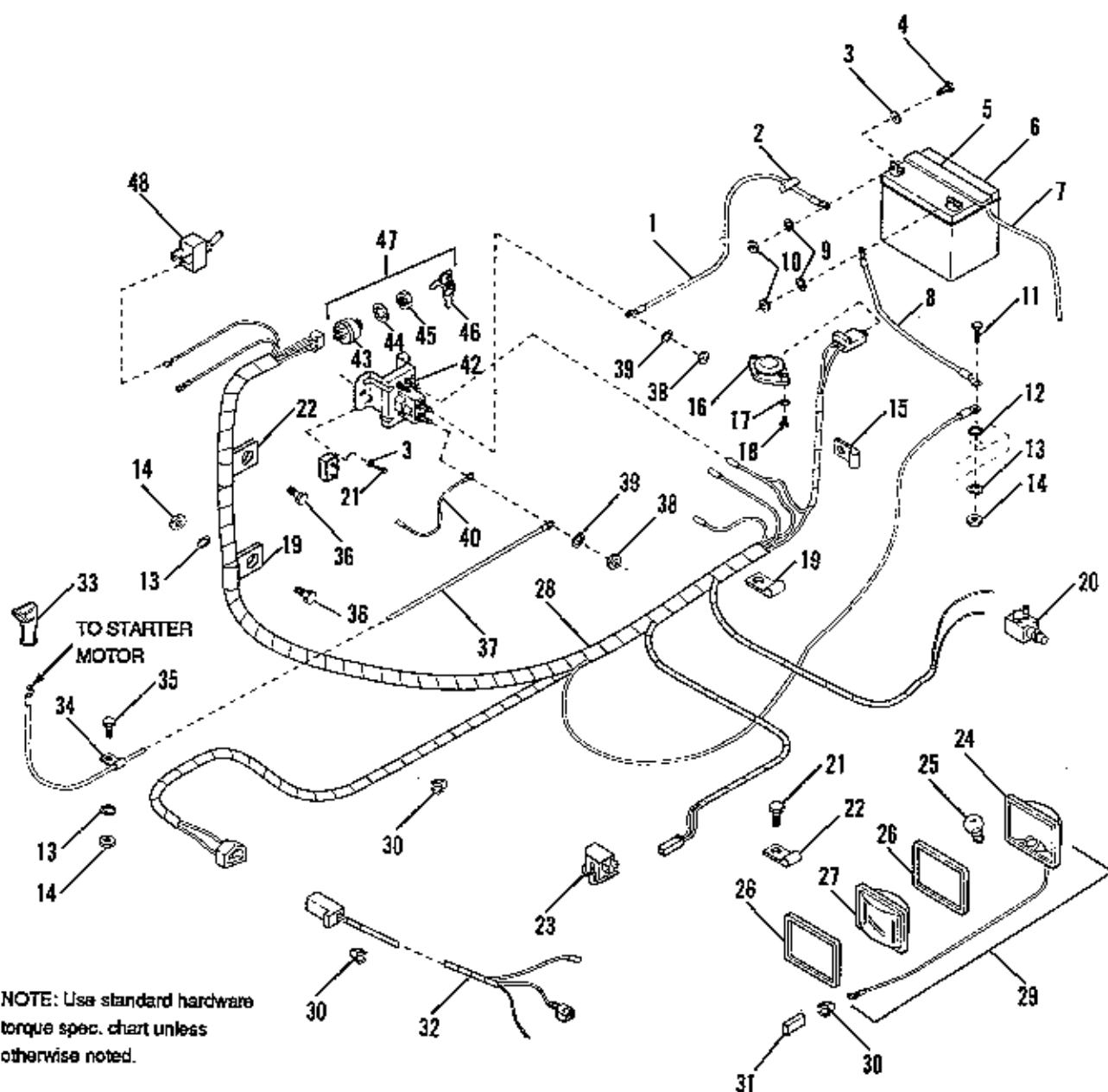
NOTE: Use standard hardware
torque spec. chart unless
otherwise noted.

Ref. No.	Part No.	Qty.	Description
1	1710434	1	GRIP
2	1705536	2	ROD, Brake
3	1919326	4	WASHER, Plain
4	1960394	4	COTTER PIN
5	1705534	2	ROD GUIDE ASSY.
6	1711115	2	CLEVIS PIN
7	173575	2	SPRING, Compression
8	1917372	4	NUT, Hex 5/16-18
9	1921221	2	CAPSCREW, Hex 5/16-18 x 1-1/2
10	1710553	2	BAND, Brake
11	1916950	2	NUT, Hex 3/8-16
12	1916965	2	LOCKWASHER, Spring 3/8
13	1921965	2	CAPSCREW, Hex 3/8-16 x 3/4
14	1712515	1	SHAFT ASSY.



Electrical Group (Lever-Steer Models)

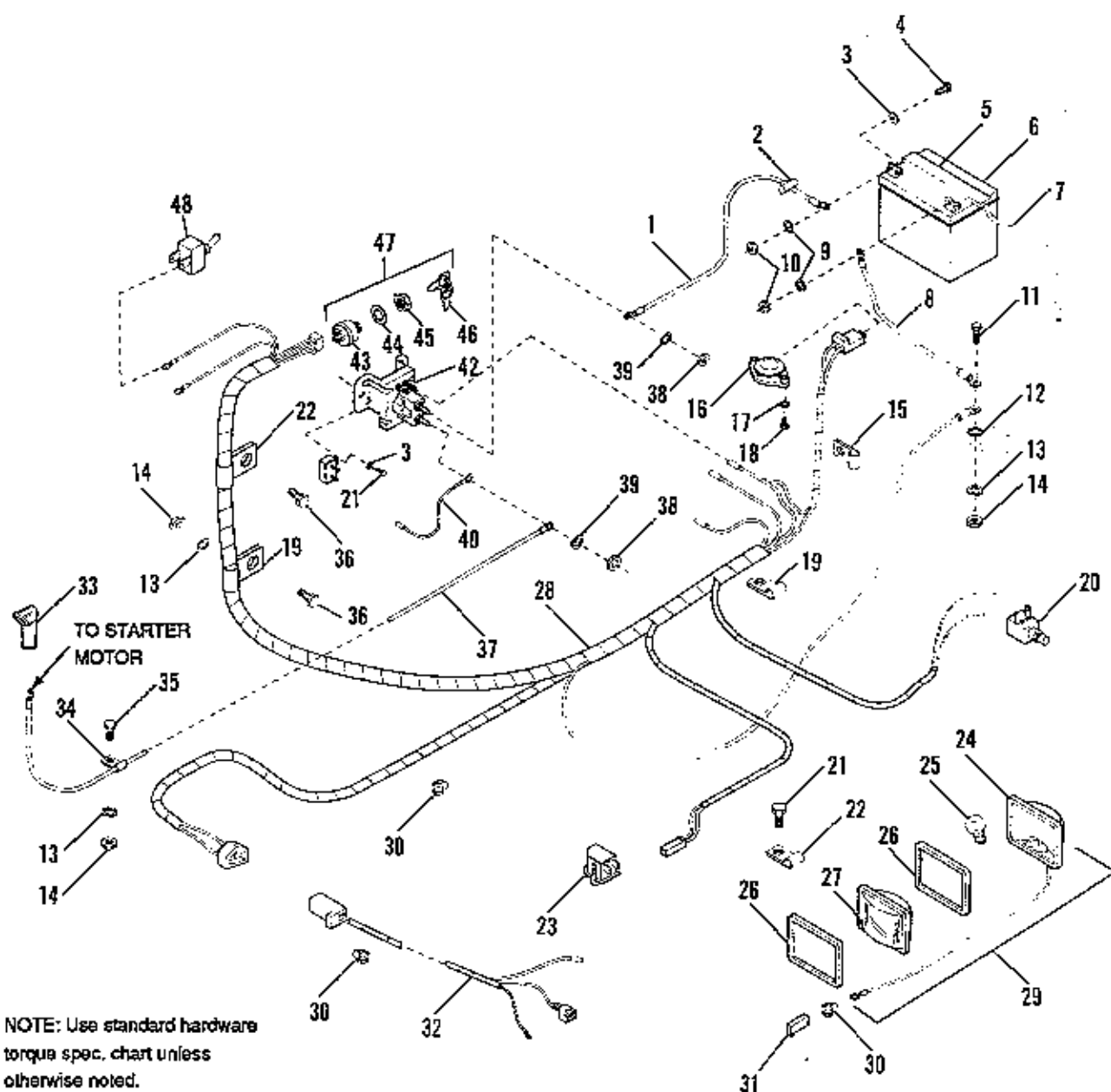
Ref. No.	Part No.	Qty.	Description
1	1612060	1	WIRE ASSY., Battery to Solenoid
2	1677296	1	BOOT, Insulator
3	1921319	3	WASHER, Plain
4	1923341	2	CAPSCREW, Hex 1/4-20 x 3/4
5	1704581	1	VENT CAP, Battery
6	1685215	1	BATTERY
7	1612103	1	HOSE, Drain, Battery
8	1916622	4	NUT, Hex 1/4-20
9	1916964	2	LOCKWASHER, Spring 1/4
10	1920426	1	LOCKWASHER, External Tooth 5/16
11	1917356	2	LOCKWASHER, Spring 5/16 (1691843, 1691845)
		3	LOCKWASHER, Spring 5/16 (1691841)
12	1917372	2	NUT, Hex 5/16-18
13	1933979	3	CLIP
14	1705146	1	SWITCH ASSY., Safety, Seat
15	1921880	2	LOCKWASHER, External Tooth 1/4
16	1960357	2	SCREW, Round Head 1/4-20 x 3/4
17	157245	2	CLAMP
18	1710462	1	SWITCH, Interlock, PTO
19	1921959	2	CAPSCREW, Hex 1/4-20 x 5/8
20	1668819	1	WIRE ASSY., Battery to Engine Ground (1691841)
	1655522	1	WIRE ASSY., Battery to Engine Ground (1691843, 1691845)
21	1935031	4	CAPSCREW, Hex #5-40 x 3/4
22	1676123	2	MICROSWITCH, Interlock
23	1930947	4	LOCKWASHER, Spring #5
24	1931003	4	NUT, Hex #5-40
25	1705104	1	HARNESS ASSEMBLY, Lever Steer
26	172434	2	CLIP (1691841)
27	1705105	1	WIRE ASSY., Harness to Engine (1691841)
28	122023	1	BOOT
29	926917	1	CLAMP, Wire (1691841)
30	1921971	1	CAPSCREW, Hex 5/16-18 x 3/4 (1691841)
31	1921333	1	CAPSCREW, Hex 5/16-18 x 1
32	1701522	1	WIRE ASSY., Solenoid to Starter (1691841)
	1612060	1	WIRE ASSY., Solenoid to Starter (1691843, 1691845)
33	1920263	2	NUT, Hex 5/16-24
34	917356	2	LOCKWASHER, Spring 5/16
35	1665237	1	WIRE, Circuit Breaker to Solenoid
36	927429	2	SCREW, Tapite 1/4-20 x 5/8
37	1665238	1	CIRCUIT BREAKER
38	1695290	1	SOLENOID
39	1679006	1	SWITCH, Ignition (See Ref. No. 43)
40	918906	1	LOCKWASHER, Internal Tooth 5/8
41	122234	1	NUT, Hex 5/8-32
42	122203	1	KEYS & RING
43	1674244	1	IGNITION SWITCH ASSY. (Incl. Ref. Nos. 39-42)
44	1921978	1	CAPSCREW, Hex 5/16-18 x 2



Ref. No.	Part No.	Qty.	Description
1	1612060	1	WIRE ASSY., Battery to Solenoid
2	1677296	1	BOOT, Insulator
3	1921319	3	WASHER, Plain
4	1923341	2	CAPSCREW, Hex 1/4-20 x 3/4
5	1704581	1	VENT CAP, Battery
6	1685215	1	BATTERY
7	1612103	1	HOSE, Drain, Battery
8	1668819	1	WIRE ASSY., Battery to Engine Ground (1691842)
	1655522	1	WIRE ASSY., Battery to Engine Ground (1691844, 1691846)
9	1916964	2	LOCKWASHER, Spring 1/4
10	1916622	2	NUT, Hex 1/4-20
11	1921978	1	CAPSCREW, Hex 5/16-18 x 2
12	1920426	1	LOCKWASHER, External Tooth 5/16
13	1917356	2	LOCKWASHER, Spring 5/16 (1691844, 1691846)
		3	LOCKWASHER, Spring 5/16 (1691842)
14	1917372	2	NUT, Hex 5/16-18
15	1933979	1	CLIP
16	1705146	1	SWITCH ASSY., Safety, Seal
17	1921880	2	LOCKWASHER, External Tooth 1/4
18	1980357	2	SCREW, Round Head 1/4-20 x 3/4
19	157245	2	CLAMP
20	1710462	1	SWITCH, Interlock, PTO
21	927429	2	SCREW, Taplite 1/4-20 x 5/8
22	1676952	2	CLAMP, Wire
23	1704379	1	SWITCH, Interlock (Pedal Start)
24	1654664	1	REFLECTOR ASSY.
25		1	BULB #199
26	1654662	2	GASKET
27	1665933	1	LENS, Clear Plastic
28	1705103	1	HARNASS ASSY., Wheel Steer
29	1665934	1	HEADLIGHT ASSY. (Incl. Ref. Nos. 24-28)
30	172434	1	CLIP (1691844, 1691846)
		3	CLIP (1691842)

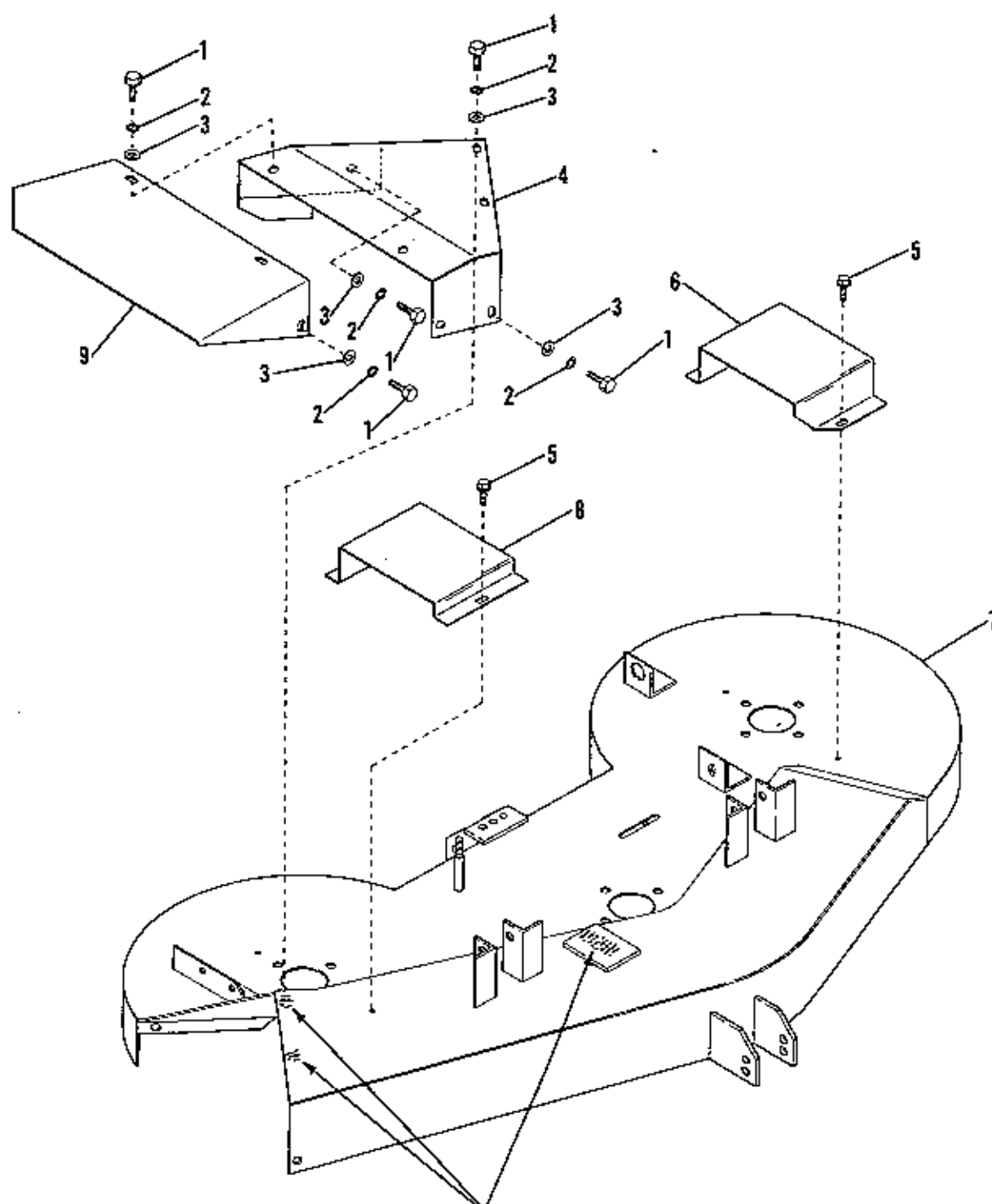
Ref. Nos. 31 thru 48 are located on pages 35 & 37.

*Obtain locally.



Ref. No.	Part No.	Qty.	Description
31	172100	1	CONNECTOR BODY
32	1705105	1	WIRING ASSY., Harness to Engine (1691842)
33	122023	1	BOOT
34	926917	1	CLAMP, Wire (1691842)
35	1921971	1	CAPSCREW, Hex 5/16-18 x 3/4 (1691842)
36	1921333	1	CAPSCREW, Hex 5/16-18 x 1
37	1701522	1	WIRE ASSY., Solenoid to Starter (1691842)
	1612050	1	WIRE ASSY., Solenoid to Starter (1691844, 1691846)
38	1920263	2	NUT, Hex 5/16-24
39	1917356	2	LOCKWASHER, Spring 5/16
40	1665237	1	WIRE, Circuit Breaker to Solenoid
41	1665238	1	CIRCUIT BREAKER
42	1685290	1	SOLENOID
43	1679006	1	SWITCH, Ignition (See Ref. No. 47)
44	918906	1	LOCKWASHER, Internal Tooth 5/8
45	122234	1	NUT, Hex 5/8-32
46	122203	1	KEYS & RING
47	1674244	1	IGNITION SWITCH ASSY. (Incl. Ref. Nos. 43-46)
48	122184	1	SWITCH ASSY., Headlight

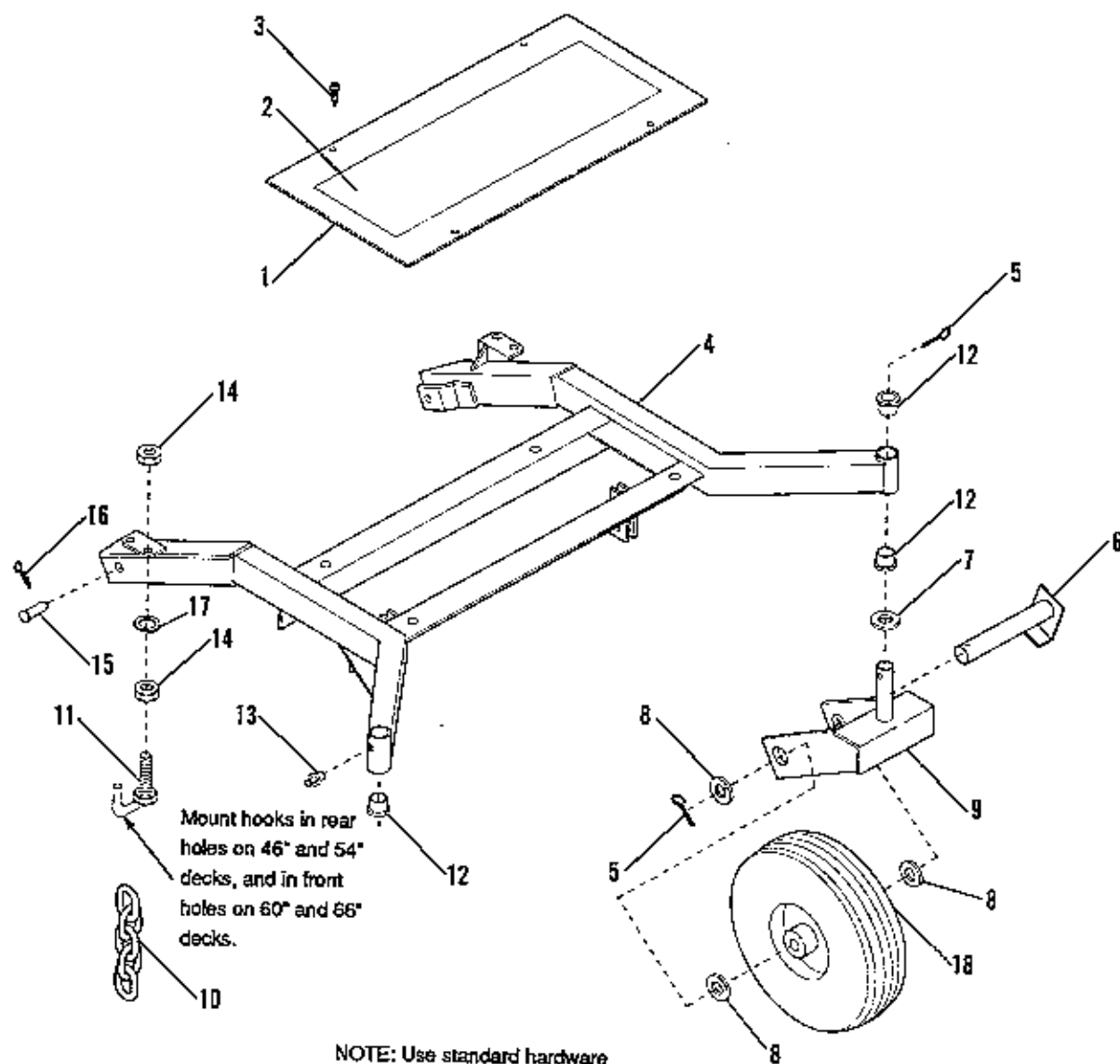
Ref. Nos. 1 thru 30 are located on pages 34 & 35.



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

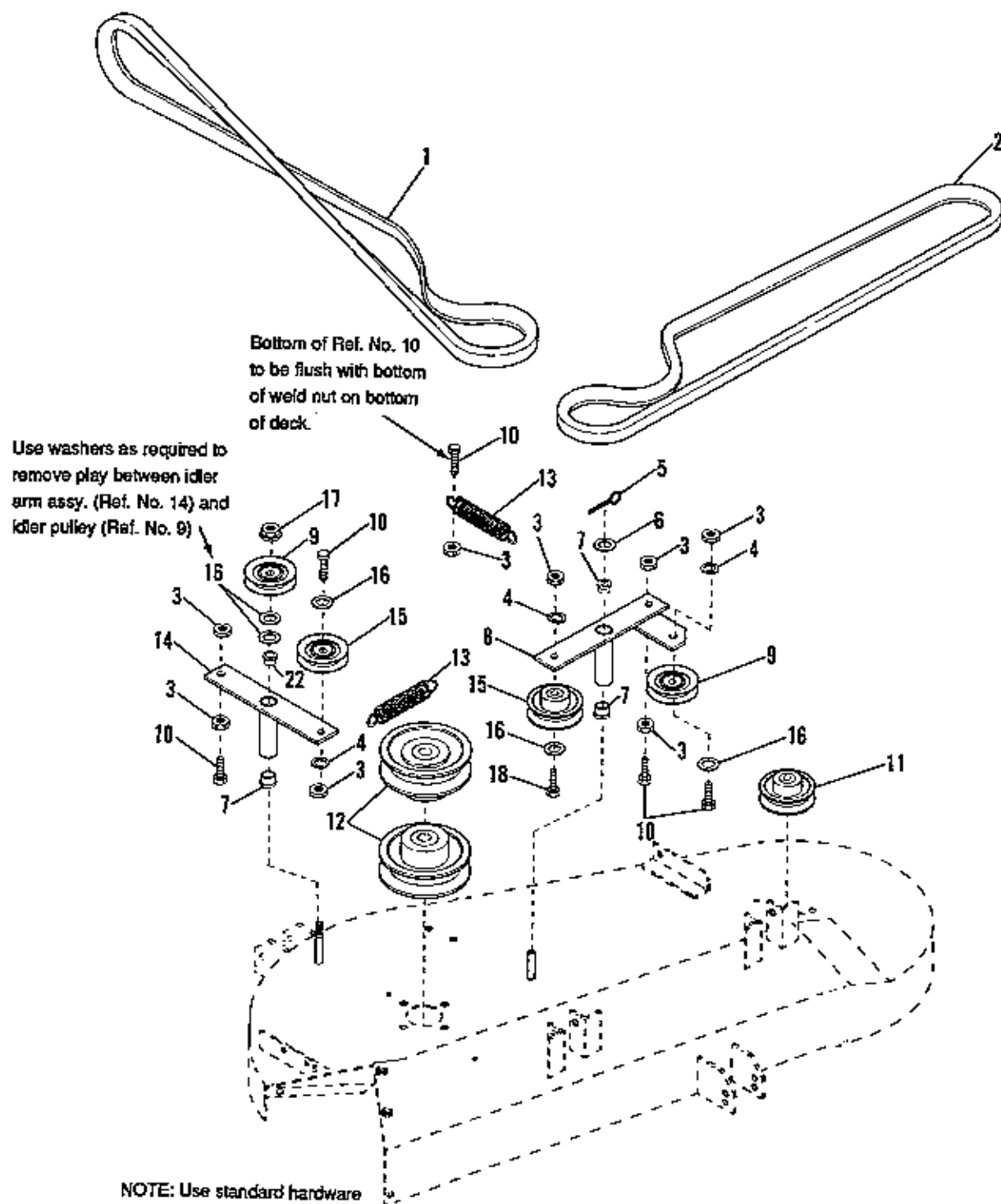
Weldment nuts mounted under deck

Ref. No.	Part No.	Qty.	Description
1	1921332	7	CAPSCREW, Hex 5/16-18 x 3/4
2	1917356	7	LOCKWASHER, Spring 5/16
3	1919326	7	WASHER, Plain
4	1705712	1	TUNNEL EXTENSION ASSY.
5	1924856	2	SCREW, Taplite 5/16-18 x 1/2 (1691847)
		4	SCREW, Taplite 5/16-18 x 1/2 (1691848 to 1691850)
6	1712575	1	GUARD, Left Hand
7	1685416	1	HOUSING ASSY. 46" (1691847)
	1685417	1	HOUSING ASSY. 54" (1691848)
	1685418	1	HOUSING ASSY. 60" (1691849)
	1685419	1	HOUSING ASSY. 66" (1691850)
8	1712576	1	GUARD, Right Hand
9	1705713	1	DEFLECTOR ASSY.

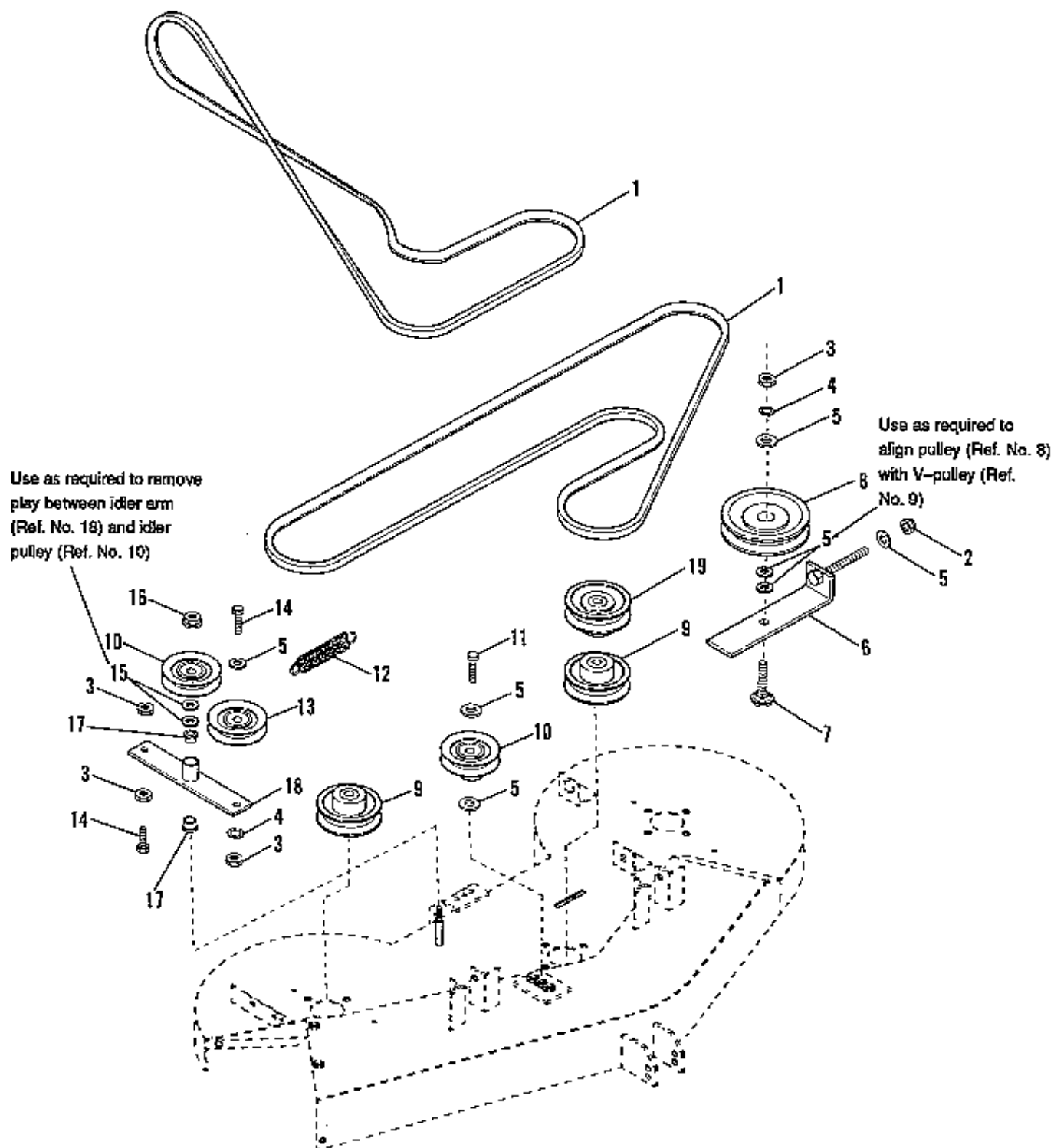


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Ref. No.	Part No.	Qty.	Description
1	1712471	1	COVER, 46" and 54" (1691847, 1691848)
	1712586	1	COVER, 60" and 66" (1691849, 1691850)
2	1712472	1	PAD, Non-Skid
3	1924856	4	SCREW, Tapite, 5/16-18 x 1/2
4	1712895	1	MOWER FRAME ASSY. 46" (1691847)
	1712529	1	MOWER FRAME ASSY. 54" (1691848)
	1712930	1	MOWER FRAME ASSY. 60" (1691849)
	1712578	1	MOWER FRAME ASSY. 66" (1691850)
5	1918452	4	COTTER PIN
6	1711989	2	AXLE ASSY.
7	960181	4	WASHER, Plain
8	1960114	6	WASHER, Plain
9	1711985	2	CASTER ASSY.
10	1711696	2	CHAIN, Lift
11	1711698	2	HOOK ASSY.
12	156316	4	BEARING, Spindle
13	921133	2	FITTING, Grease (Press Fit)
14	1916951	4	NUT, Hex 1/2-13
15	1960064	2	CLEVIS PIN
16	1960098	2	COTTER HAIRPIN
17	1916966	2	LOCKWASHER, Spring 1/2
18	1711991	2	TIRE ASSY. 4.10/3.50 x 4

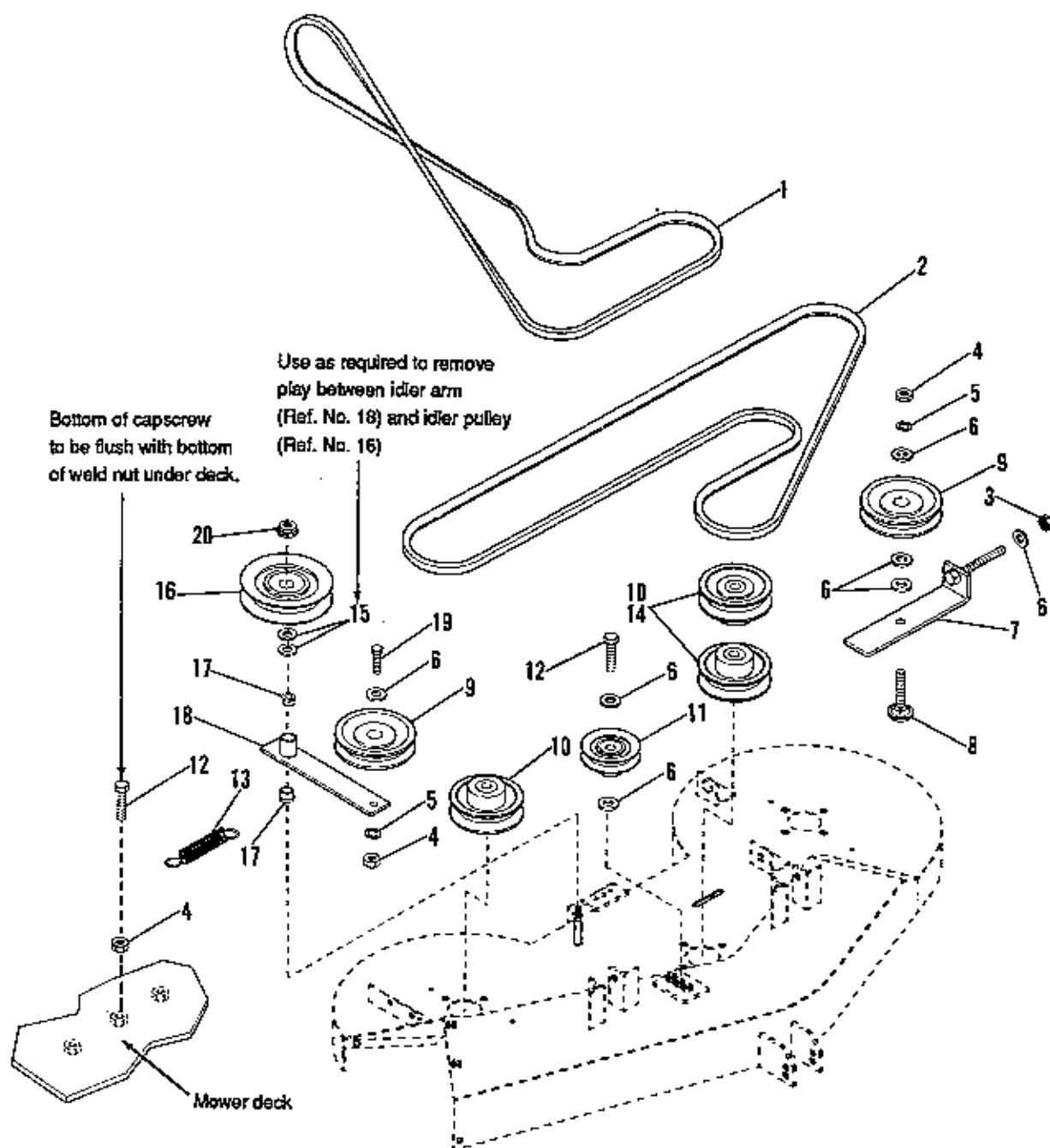


Ref. No.	Part No.	Qty.	Description
1	1712482	1	V - BELT, Mower
2	1712481	1	V - BELT, Mower
3	1916950	19	NUT, Hex 3/8-16
4	1916965	4	LOCKWASHER, Spring 3/8
5	1918455	1	COTTER PIN
6	1960206	3	WASHER, Plain
7	1710005	4	BEARING, Nylon, Flanged
8	1711662	1	MOWER IDLER ARM ASSY.
9	1710024	2	V - PULLEY, Idler
10	1921969	5	CAPSCREW, Hex 3/8-16 x 1-1/2
11	1711775	1	V - PULLEY, Drive
12	1711167	2	V - PULLEY, Drive
13	1710025	2	SPRING, Extension
14	1711666	1	IDLER ARM ASSY.
15	1710539	2	V - PULLEY
16	1924940	3	WASHER, Plain
17	1930645	1	NUT, Lock, Hex, Flanged 3/8-16
18	1921971	2	CAPSCREW, Hex, 3/8-16 x 1-3/4



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

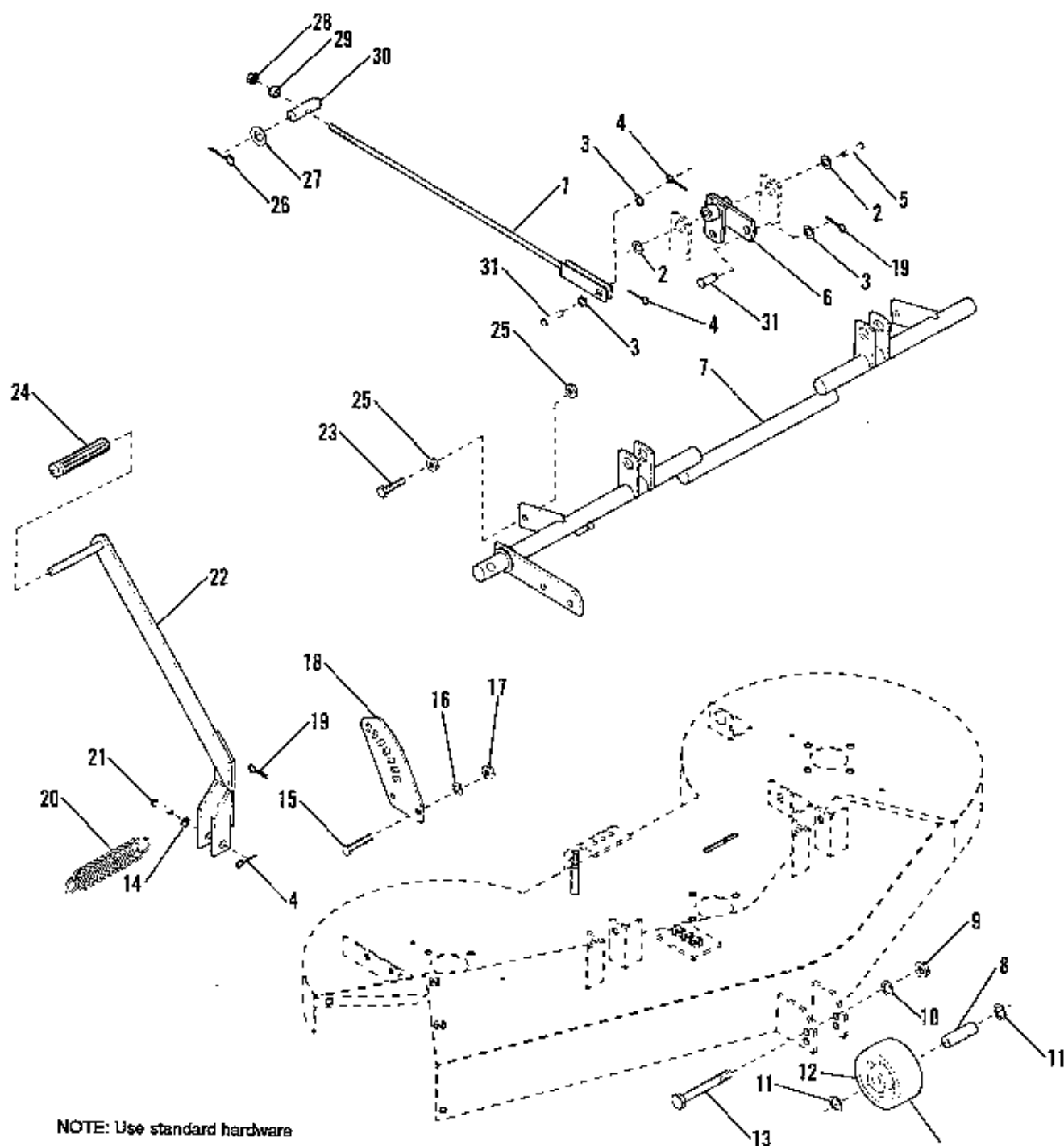
Ref. No.	Part No.	Qty.	Description
1	1711777	2	V - BELT, Mower
2	1919439	1	LOCKNUT, Fiber 3/8-16
3	1916950	6	NUT, Hex 3/8-16
4	1916965	5	LOCKWASHER, Spring 3/8
5	1924940	7	WASHER, Plain
6	1711774	1	DRAW BRACKET ASSY.
7	1960315	1	CARRIAGE BOLT 3/8-16 x 2
8	1711775	1	V - PULLEY, Idler
9	1711141	3	V - PULLEY, Drive
10	1710024	2	V - PULLEY, Idler
11	1921971	2	CAPSCREW, Hex 3/8-16 x 1-3/4
12	1710025	1	SPRING, Extension
13	1710539	1	V - PULLEY, Idler
14	1921969	2	CAPSCREW, Hex 3/8-16 x 1-1/2
15	1960206	2	WASHER, Plain (Use as required)
16	1930645	1	NUT, Lock, Hex, Flanged 3/8-16
17	1710005	2	BEARING, Nylon, Flanged
18	1711967	1	IDLER ARM ASSY.
19	1710009	1	V - PULLEY, Drive



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

Mower Drive Group (60" & 66")

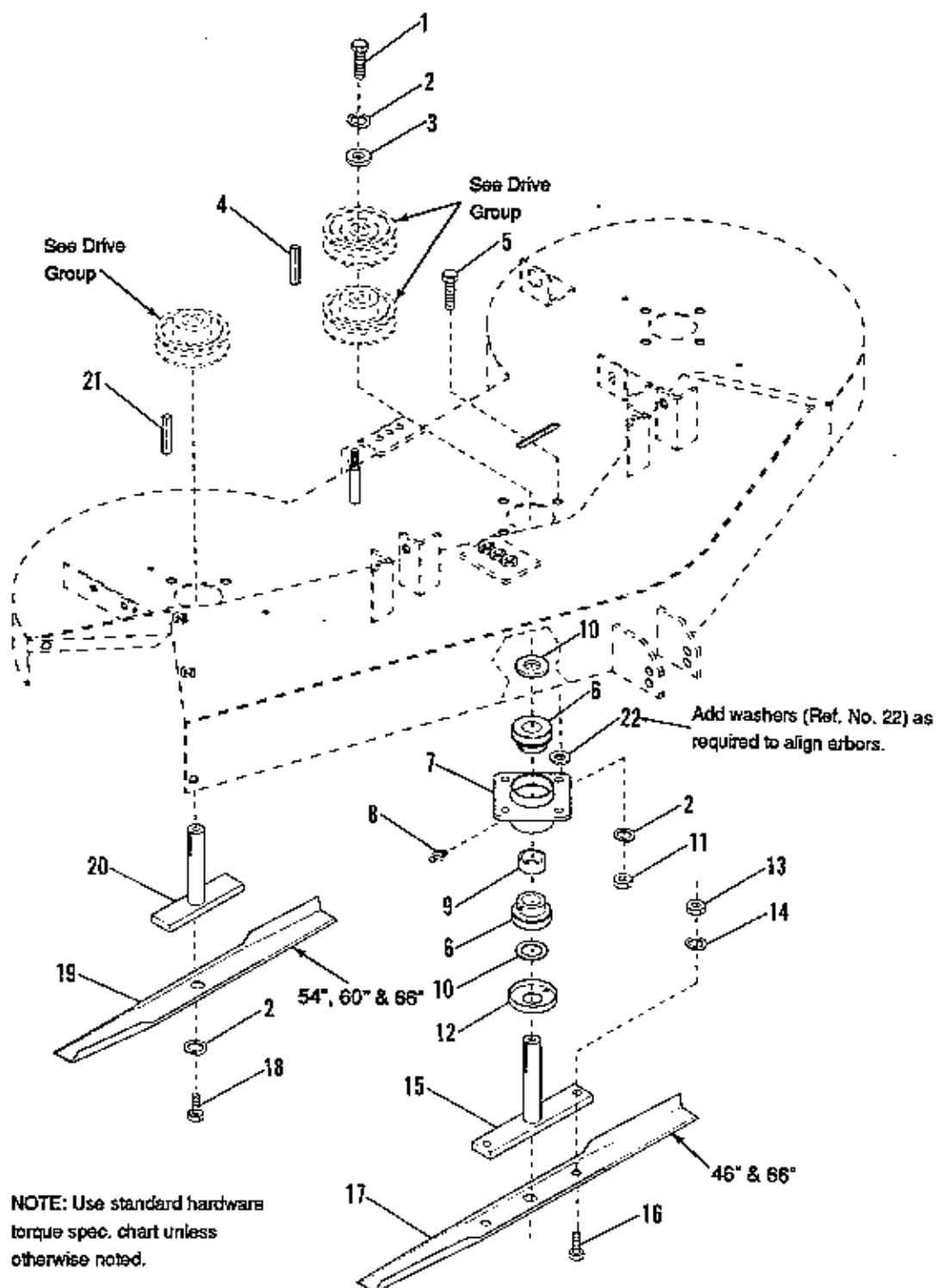
Ref. No.	Part No.	Qty.	Description
1	1712595	1	V - BELT, Mower
2	1712937	1	V - BELT, Mower (1691849)
	1712596	1	V - BELT, Mower (1691850)
3	1919439	1	LOCKNUT, Fiber 3/8-16
4	1916950	4	NUT, Hex 3/8-16
5	1916965	3	LOCKWASHER, Spring 3/8
6	1924940	8	WASHER, Plain
7	1711774	1	DRAW BRACKET ASSY.
8	1960315	1	CARRIAGE BOLT 3/8-16 x 2
9	1711775	2	V - PULLEY, Idler
10	1711141	4	V - PULLEY, Drive (1691849)
		2	V - PULLEY, Drive (1691850)
11	1710545	1	V - PULLEY, Idler
12	1921971	1	CAPSCREW, Hex 3/8-16 x 1-3/4
13	1710025	1	SPRING, Extension
14	1711167	2	V - PULLEY, Drive (1691850)
15	1960206	5	WASHER, Plain (Use as required)
16	1713038	1	V - PULLEY, Idler
17	1710005	2	BEARING, Nylon, Flanged
18	1712601	1	IDLER ARM ASSY.
19	1921972	1	CAPSCREW, Hex 3/8-16 x 2-1/2
20	1930645	1	NUT, Lock, Hex, Flanged 3/8-16



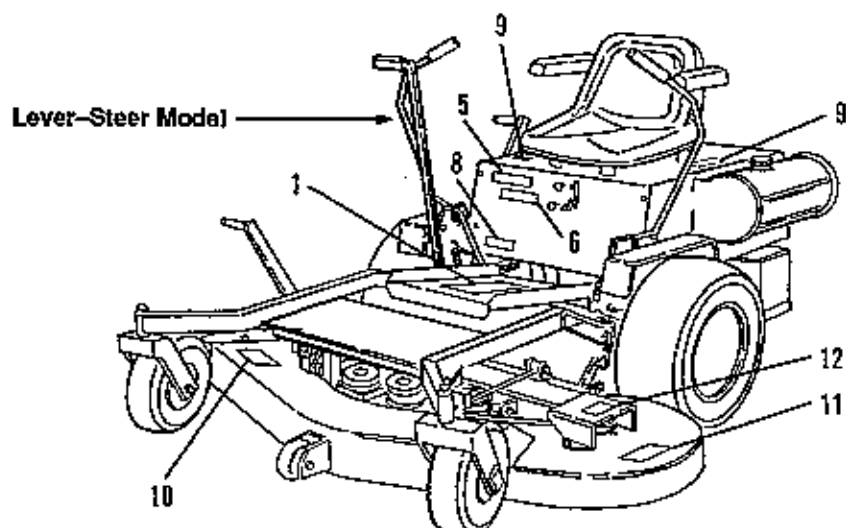
NOTE: Use standard hardware torque spec. chart unless otherwise noted.

NOTE: Mount anti-scalp roller in top hole of bracket.

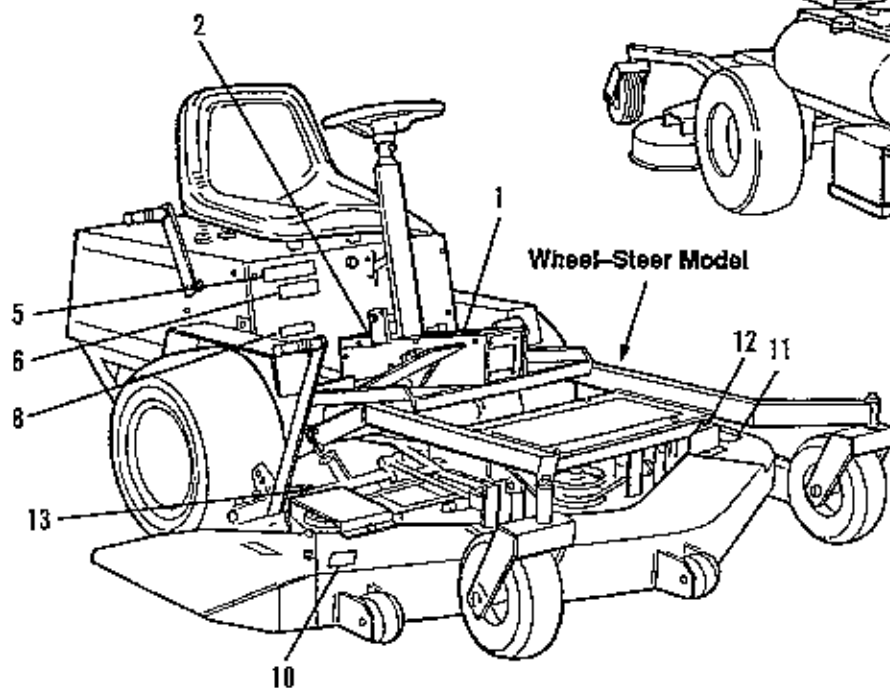
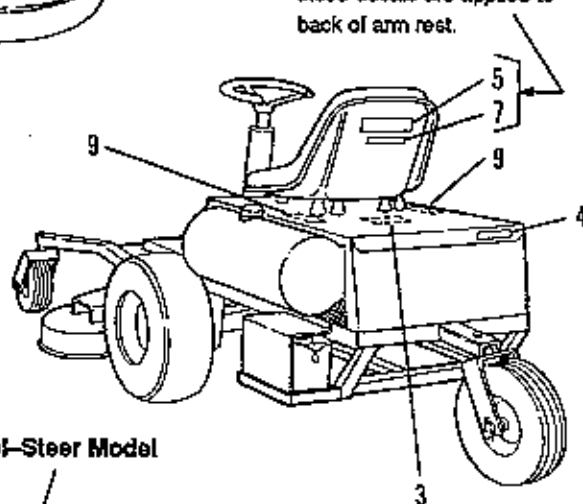
Ref. No.	Part No.	Qty.	Description
1	1712478	2	ADJUSTING ROD ASSY. (1691847)
	1712008	2	ADJUSTING ROD ASSY. (1691848 to 1691850)
2	1960027	6	WASHER, Plain
3	1960206	8	WASHER, Plain
4	1918451	5	COTTER PIN
5	1603602	2	CLEVIS PIN 1/2 x 2-3/4
6	1712003	2	HANGER ASSY.
7	1712302	1	SHAFT ASSY., Lift (1691847)
	1705715	1	SHAFT ASSY., Lift (1691848)
	1712944	1	SHAFT ASSY., Lift (1691849)
	1712593	1	SHAFT ASSY., Lift (1691850)
8	1712547	3	SPACER (1691847)
		2	SPACER (1691848, 1691849)
		4	SPACER (1691850)
9	1916951	3	NUT, Hex 1/2-13 (1691847)
		2	NUT, Hex 1/2-13 (1691848, 1691849)
		4	NUT, Hex 1/2-13 (1691850)
10	1916966	3	LOCKWASHER, Spring 1/2 (1691847)
		2	LOCKWASHER, Spring 1/2 (1691848, 1691849)
11	1960114	4	LOCKWASHER, Spring 1/2 (1691850)
		12	WASHER, Plain (1691847)
		8	WASHER, Plain (1691848, 1691849)
		16	WASHER, Plain (1691850)
12	1712546	3	WHEEL, Gauge, 4" Dia. (1691847)
		2	WHEEL, Gauge, 4" Dia. (1691848, 1691849)
		4	WHEEL, Gauge, 4" Dia. (1691850)
13	1960286	3	CAPSCREW, Hex 1/2-13 x 3-1/2 (1691847)
		2	CAPSCREW, Hex 1/2-13 x 3-1/2 (1691848, 1691849)
		4	CAPSCREW, Hex 1/2-13 x 3-1/2 (1691850)
14	1960206	2	WASHER, Plain
15	1920415	2	CAPSCREW, Hex 3/8-16 x 1-1/4
16	1916965	2	LOCKWASHER, Spring 3/8
17	1916950	2	NUT, Hex 3/8-16
18	1711718	1	PLATE, Height Adjusting
19	1918196	3	COTTER HAIRPIN
20	1710025	1	SPRING, Extension
21	1711773	1	CLEVIS PIN 1/2 x 2
22	1712010	1	HANDLE ASSY., Left
23	1921969	2	CAPSCREW, Hex 3/8-16 x 1-1/2
24	1710434	1	GRIP, Handle
25	1916950	4	NUT, Hex 3/8-16
26	1918452	2	COTTER PIN
27	960181	4	WASHER, Plain
28	1930651	2	NUT, Fiber Lock 3/8-16
29	1667133	2	SPACER (1691847)
	1710554	2	SPACER (1691848 to 1691850)
30	1710475	2	TRUNNION
31	1710298	4	CLEVIS PIN 1/2 x 1-1/4



Ref. No.	Part No.	Qty.	Description
1	927008	2	CAPSCREW, Hex 3/8-24 x 1 (1691847)
		3	CAPSCREW, Hex 3/8-24 x 1 (1691848 to 1691850)
2	1916965	11	LOCKWASHER, Spring 3/8 (1691847)
		18	LOCKWASHER, Spring 3/8 (1691848, 1691849)
		17	LOCKWASHER, Spring 3/8 (1691850)
3	1960009	2	WASHER, Plain (1691847)
		3	WASHER, Plain (1691848 to 1691850)
4	960281	1	KEY, Square 1/4 x 1/4 x 1-3/4
5	1920415	8	CAPSCREW, Hex 3/8-16 x 1-1/4 (1691847)
		12	CAPSCREW, Hex 3/8-16 x 1-1/4 (1691848 to 1691850)
6	1710602	4	BEARING, Ball (1691847)
		6	BEARING, Ball (1691848 to 1691850)
7	1711131	2	HOUSING ASSY., Arbor (1691847)
		3	HOUSING ASSY., Arbor (1691848 to 1691850)
8	912808	2	FITTING, Grease (Press Fit) (1691847)
		3	FITTING, Grease (Press Fit) (1691848 to 1691850)
9	1711133	2	SPACER, Bearing (1691847)
		3	SPACER, Bearing (1691848 to 1691850)
10	1710287	3	WASHER, Plain (1691847)
		6	WASHER, Plain (1691848 to 1691850)
11	1916950	8	NUT, Hex 3/8-16 (1691847)
		12	NUT, Hex 3/8-16 (1691848-1691850)
12	1711139	2	CUP (1691847)
		3	CUP (1691848 to 1691850)
13	1916951	2	NUT, Hex 1/2-13 (1691847, 1691850)
14	1916966	2	LOCKWASHER, Spring 1/2 (1691847, 1691850)
15	1712480	1	ARBOR ASSY., Long (1691847, 1691850)
	1711657	1	ARBOR ASSY., Long (1691848, 1691849)
16	1921176	2	CAPSCREW, Hex 1/2-13 x 1-1/4 (1691847, 1691850)
17	1711793	1	BLADE, Mower, (1691847, 1691850)
18	1921210	1	CAPSCREW, Hex 3/8-16 x 1 (1691847)
		3	CAPSCREW, Hex 3/8-16 x 1 (1691848, 1691849)
19	1711142 1711659	2	CAPSCREW, Hex 3/8-16 x 1 (1691850)
		3	BLADE, Mower (1691848)
		1	BLADE, Mower (1691847)
		3	BLADE, Mower (1691849)
		2	BLADE, Mower (1691850)
20	1711137	1	ARBOR ASSY., Short (1691847)
		2	ARBOR ASSY., Short (1691848 to 1691850)
21	157652	1	KEY, Square 1/4 x 1/4 x 1 (1691847)
		2	KEY, Square 1/4 x 1/4 x 1 (1691848 to 1691850)
22	1924940	4	WASHER, Plain (1691847)
		6	WASHER, Plain (1691848 to 1691850)



NOTE: On lever-steer models, these decals are applied to back of arm rest.



Ref. No.	Part No.	Qty.	Description
1	1704966	1	DECAL, Caution and Controls (Wheel-Steer Models)
	1704967	1	DECAL, Caution and Controls (Lever-Steer Models)
2	1704968	1	DECAL, Starting Instructions (Wheel-Steer Models)
3	1704473	2	DECAL, Hot (Located under seat deck)
4	1704905	1	DECAL, Rear Frame (16 HP)
	1704906	1	DECAL, Rear Frame (18 HP)
	1704907	1	DECAL, Rear Frame (20 HP)
5	153166	2	DECAL, Simplicity
6	1705538	1	DECAL, Professional (Black)
7	1705280	1	DECAL, Professional (Orange)
8		1	ID PLATE (Not serviced)
9	1705746	2	DECAL, Tow Control (Located on Hydro Pump tow latches)
10	1704277	1	DECAL, Danger
11	1704276	1	DECAL, Danger
12	1704904	1	DECAL, Width 46" (1691847)
	1704902	1	DECAL, Width 54" (1691848)
	1704903	1	DECAL, Width 60" (1691849)
	1704948	1	DECAL, Width 66" (1691850)
13		1	ID PLATE (Not serviced)
	1704482	1	DECAL, Touch-up Paint (Not shown)

SAFETY DECALS

Wheel-Steer Models



Ref. No. 1

Lever-Steer Models



Ref. No. 1



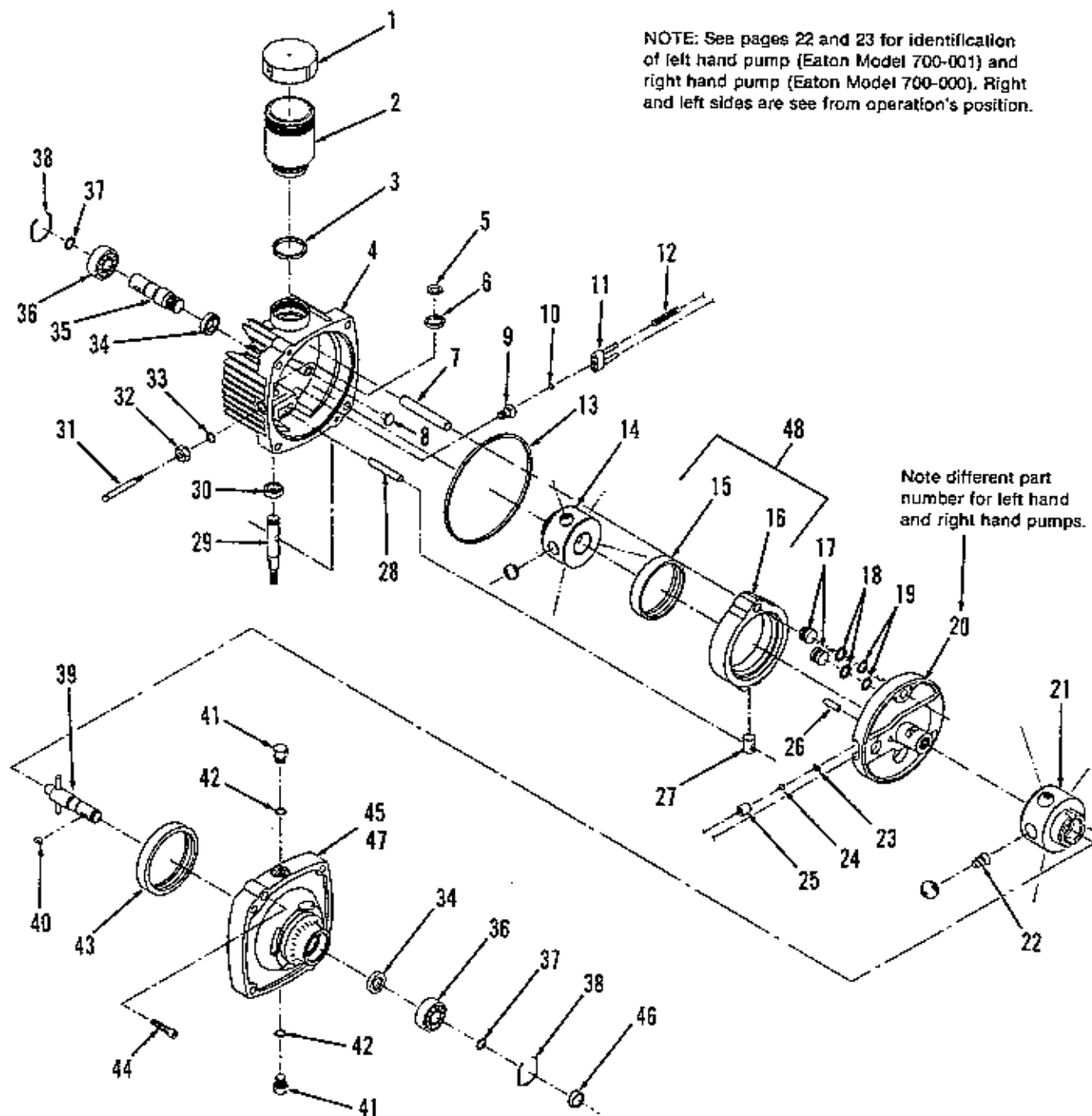
Ref. No. 10



Ref. No. 11



Ref. No. 3



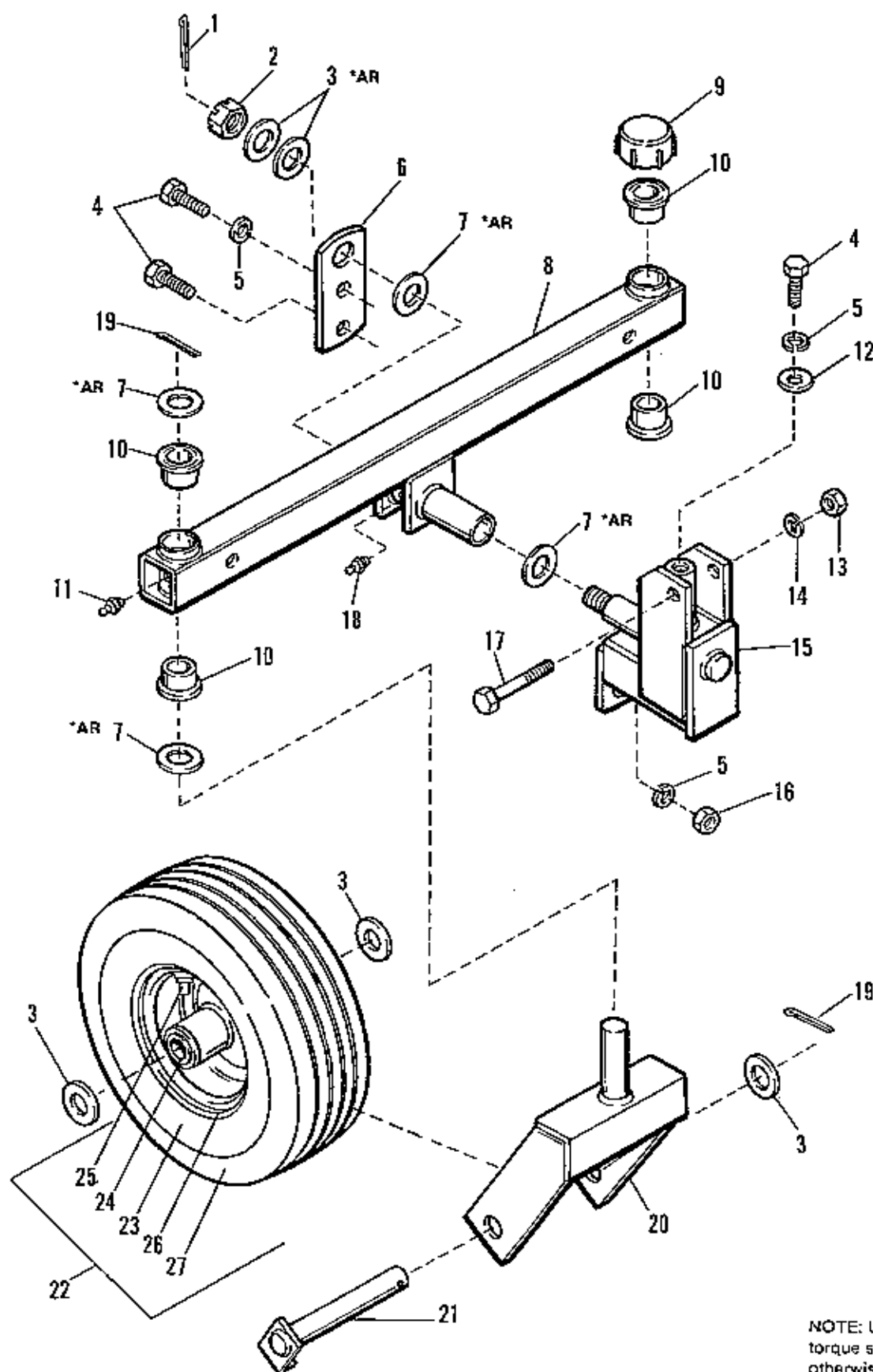
Ref. No.	Part No.	Qty.	Description
1	1700049	1	RESERVOIR COVER, Sub-Assy.
2	1700050	1	RESERVOIR BODY
**3	1671282	1	SEAL RING, Square Cut
4	1671283	1	COVER, Service Kit (Includes Ref. Nos. 5, 6, 7, 28, 29, 30 & 34)
5	1671591	1	RING, External Retaining
6	1671284	1	WASHER, Control Shaft
*7		1	DOWEL, Pivot Pin (Included in Ref. No. 4)
8	1671285	1	BUTTON
9	1671286	1	FITTING GUIDE, O-Ring, S.A.
**10	1671287	1	O-RING
11	1671586	1	BRACKET, Pins, Sub-Assy.
12	1671587	2	SPRING, Valve
**13	1671288	1	SEAL RING, Square Cut
14	1671289	1	PUMP ROTOR, Ball, Sub-Assy.
*15		1	PUMP RACE (Included in Ref. No. 50)
*16		1	RING, Cam (Included in Ref. No. 50)
*17		2	PISTON (Included in Ref. No. 20)
*18		2	RING, Back-Up (Included in Ref. No. 20)
*19		2	O-RING (Included in Ref. No. 20)
20	1706084	1	PINTLE, Sub-Assy. (Used on RH Eaton Pump - Model 700-000) (Incl. Ref. Nos. 17, 18, 19, 23, 24, 25, 26)
	1671290	1	PINTLE, Sub-Assy. (Used on LH Eaton Pump - Model 700-001) (Incl. Ref. Nos. 17, 18, 19, 23, 24, 25, 26)
21	1671291	1	MOTOR ROTOR, Ball, Sub-Assy. (Includes Qty. 5 of Ref. No. 22)
22	1671302	5	SPRING, Piston
*23		2	RING, Retaining (Included in Ref. No. 20)
*24		2	BALL, Grade 200 (5/16 Dia.) (Included in Ref. No. 20)
*25		2	VALVE BODY, Check (Included in Ref. No. 20)
*26		1	PIN, Coil (5/16 x 3/4) (Included in Ref. No. 20)
27	1671301	1	CAM RING, Insert
*28		1	DOWEL (3/8 x 1-3/4) (Included in Ref. No. 4)
*29		1	SHAFT, Control (Included in Ref. No. 4)
30	1671300	1	SEAL, Oil
31	1671299	1	SHAFT, Dump Valve
32	1671298	1	NUT, Gasket, Sub-Assy.
**33	1671297	1	O-RING
**34	1671296	2	SEAL, Oil
35	1671295	1	SHAFT, Input
36	1671294	2	BEARING, Ball (Input)
37	1671293	2	RING, Snap
38	927695	2	RING, Retaining
39	1671309	1	OUTPUT SHAFT, Sub-Assy.
40		1	KEY, Woodruff (See Page 13, Ref. No. 14)
41	1671303	2	O-RING, Sub Assy.
**42	1671304	2	TUBE FITTING, O-Ring
43	1671589	1	MOTOR RACE
44	1671310	2	CAPSCREW, Socket Hd.
45	1671305	1	BODY
46	1671306	1	SPACER
47	1671590	1	BODY, Sub-Assy. (Includes Ref. Nos. 34, 36, 37, 38, 39, 43 & 45)
48	1671588	1	CAM RING, Sub-Assy. (Incl. Ref. Nos. 15 & 16)

*Not Serviced Separately.

**Available In 1685260 Replacement Seat Kit.

NOTE: Use *Simplicity* Multi-Purpose Hydraulic/Transmission Oil in hydro transmission.

**2121

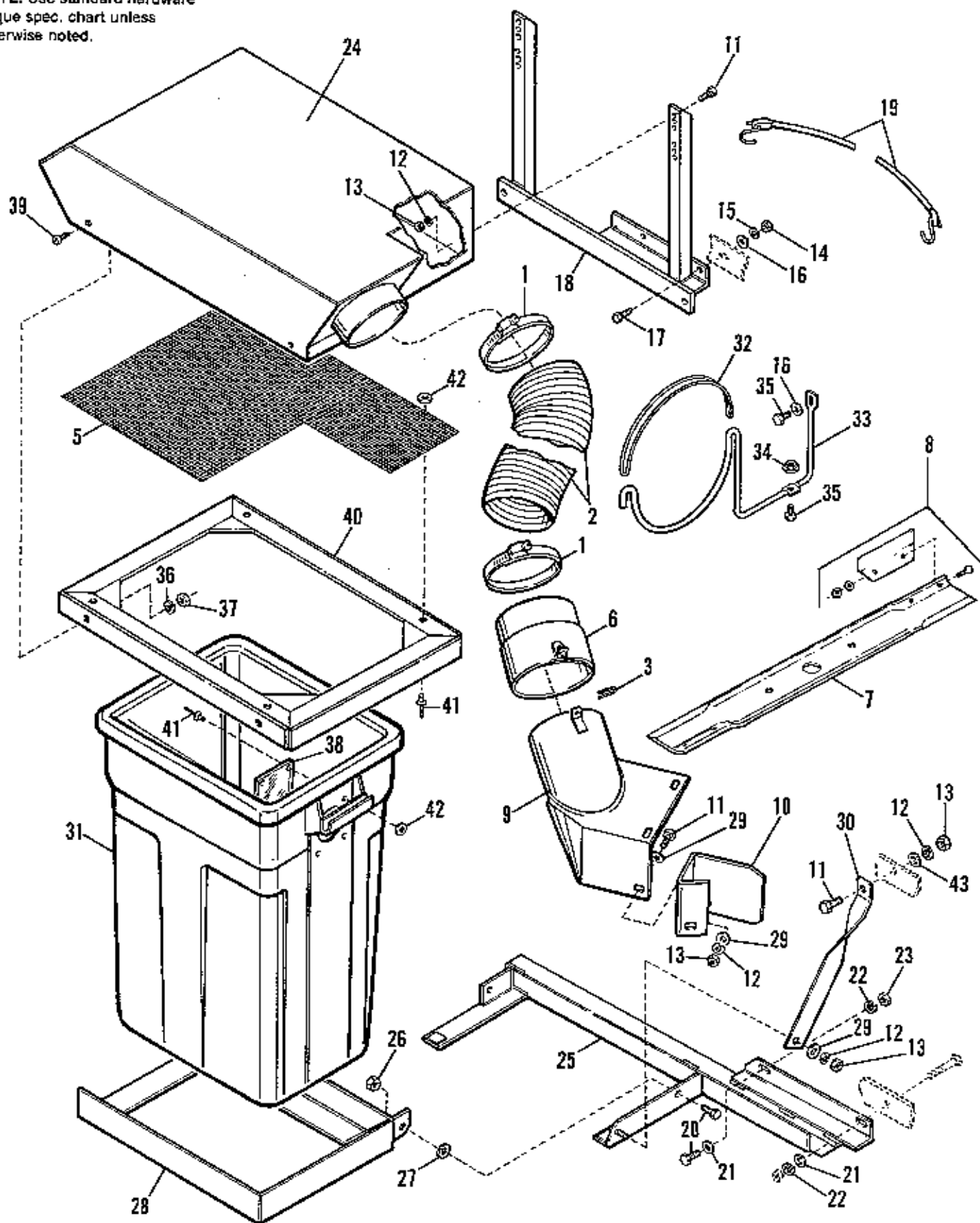


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

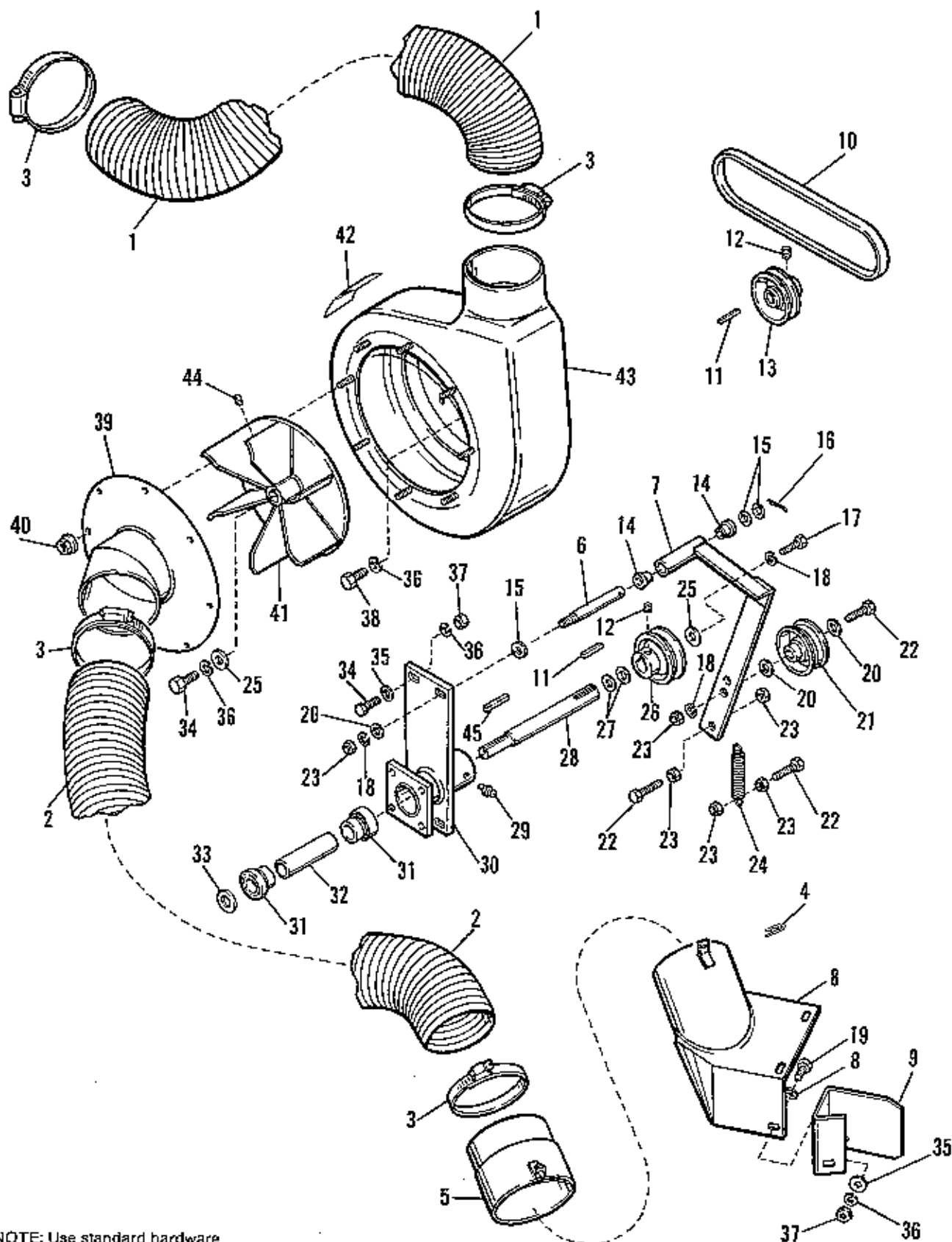
Ref. No.	Part No.	Qty.	Description
1	918454	1	PIN, Cotter
2	1960387	1	NUT, Castle
3	960181	6	WASHER, 3/4" I.D. x 1" O.D.
4	1921176	3	CAPSCREW, Hex, 1/2-13 x 1-1/4
5	1916966	3	LOCKWASHER, Spring, 1/2
6	1712674	1	PLATE, Support
7	1710287	7	WASHER, 1" I.D. x 1-1/2" O.D.
8	1705137	1	AXLE ASSY.
9	1673333	2	CAP, Plastic
10	1710286	4	BEARING
11	912808	2	FITTING, Grease
12	1676435	1	WASHER, 1/2" I.D. x 1-1/4" O.D.
13	1916950	1	NUT, Hex, 3/8-16
14	1916966	1	LOCKWASHER, 3/8
15	1712667	1	PIVOT SHAFT ASSY.
16	1916951	1	NUT, Hex, 1/2-13
17	1923938	1	CAPSCREW, Hex, 3/8-16 x 3-1/2
18	921133	1	FITTING, Grease
19	1918459	3	PIN, Cotter
20	1711368	1	CASTER ASSY.
21	1711375	1	AXLE ASSY.
22	1705539	1	WHEEL & TIRE ASSY. (Incl. Ref. Nos. 23 thru 27)
23	*1664090	1	TUBE
24	1712288	2	BEARING, Flanged
25	172353	1	VALVE STEM
26	1705760	1	WHEEL ASSY.
27	1713048	1	TIRE

*NOTE: Simplicity Tire Sealant can be used to repair tires in place of tubes. See inside front cover of this manual for part number.

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



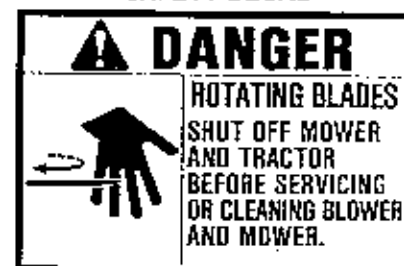
Ref. No.	Part No.	Qty.	Description
1	1679896	2	CLAMP, Hose
2	1669967	1	HOSE, Blower, 41"
3	1918196	1	HAIRPIN, Cotter
4	1910531	8	WASHER, #10
5	1711952	1	SCREEN
6	1712874	1	TUBE ASSY., Adapter
7	1711793	1	BLADE, Mower
8	1712446	1	AIR LIFT KIT, Mower Blade
9	1712879	1	BOOT ASSY., Discharge
10	1712894	1	ADAPTER BOOT
11	1921332	6	CAPSCREW, Hex, 5/16-18 x 3/4
12	1917356	7	LOCKWASHER, Spring, 5/16
13	1917372	7	NUT, Hex, 5/16-18
14	1916622	2	NUT, Hex, 1/4-20
15	1916964	2	LOCKWASHER, 1/4
16	1921319	2	WASHER, Plain
17	1923341	2	CAPSCREW, Hex, 1/4-20 x 3/4
18	1712124	1	BUMPER ASSY.
19	1711937	1	STRAP
20	1921210	2	CAPSCREW, Hex, 3/8-16 x 3/4
21	1924940	2	WASHER, Plain
22	1916965	2	LOCKWASHER, Spring, 3/8
23	1916950	1	NUT, Hex, 3/8-16
24	1711939	1	HOOD ASSY.
25	1712123	1	FRAME ASSY., Mounting
26	1922694	2	NUT, Hex, Fiber Lock, 3/8-16
27	1924940	2	WASHER, Plain
28	1712122	1	TRAY ASSY.
29	1919326	3	WASHER, Plain
30	1712201	1	STRAP, Grass Catcher
31	1711938	1	CONTAINER, 30 Gallon
32	1665872	1	STRAP, Tie
33	1705772	1	ROD, Tube Support
34	1960294	1	NUT, Hex Whiz, 1/4-20
35	1923341	2	CAPSCREW, Hex, 1/4-20 x 3/4
36	1917365	4	LOCKWASHER, Spring, #10
37	1933896	4	NUT, Hex, #10-24
38	1712280	1	WINDOW
39	1960392	12	SCREW, Pan Hd., #10-24 x 1/2
40	1712121	1	TOP FRAME ASSY.
41	1673320	8	RIVET, Pop
42	1910531	4	WASHER, Plain, Rivet
43	1960044	1	WASHER, Plain



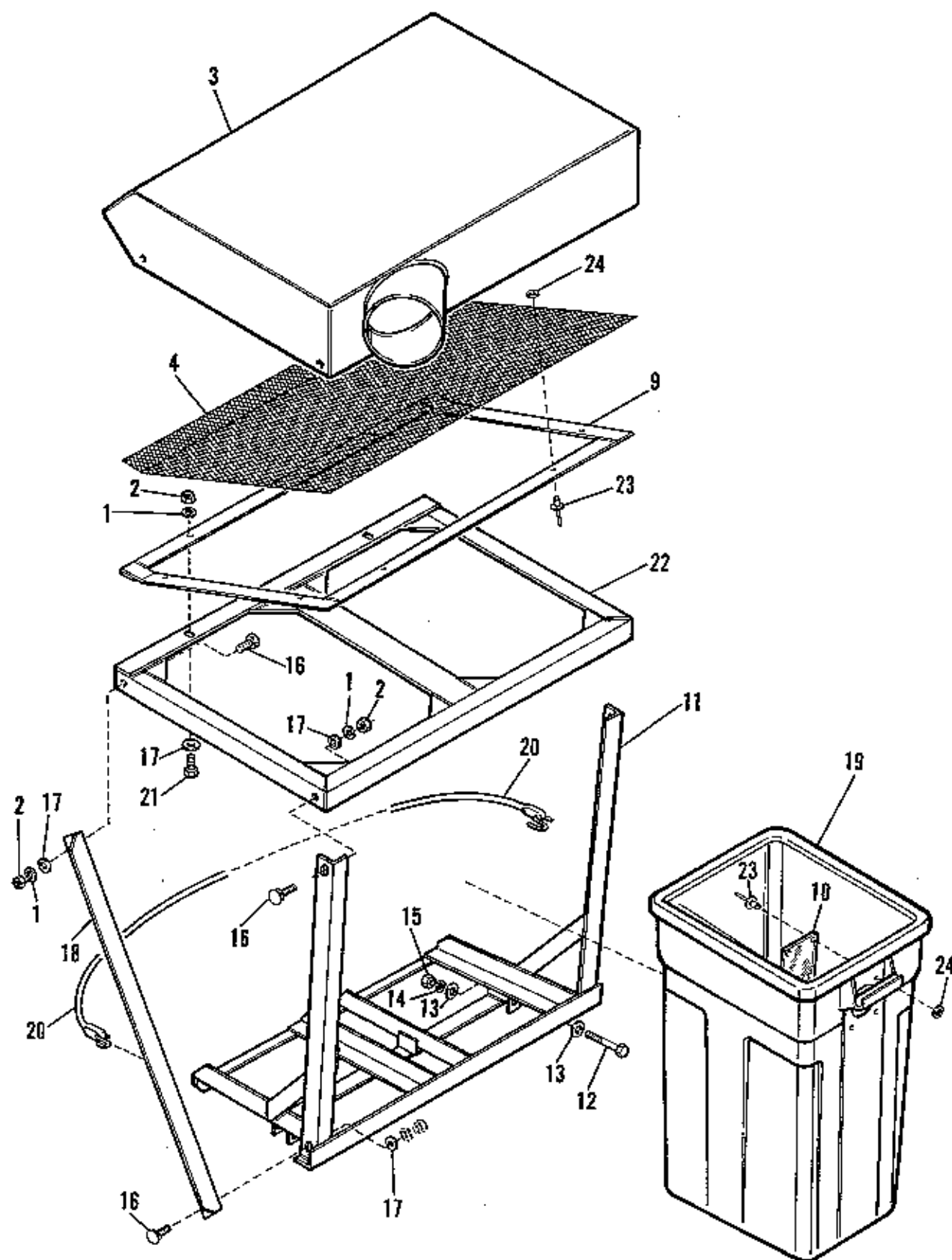
NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Ref. No.	Part No.	Qty.	Description
1	1678490	1	HOSE, Blower Housing, 44"
2	1711953	1	HOSE, Blower to Vac., 33"
3	1679896	4	CLAMP, Hose, 6" Dia.
4	1918196	1	HAIRPIN, Cotter
5	1712874	1	TUBE, Adapter Assy.
6	1712246	1	IDLER SHAFT
7	1712247	1	IDLER ARM ASSY.
8	1712879	2	DISCHARGE BOOT ASSY.
9	1712894	1	ADAPTER, Boot
10	1711901	1	V-BELT
11	157652	2	KEY, Sq., 1/4 x 1/4 x 1
12	1928691	2	SETSCREW, Socket Hd., 5/16-18 x 5/16
13	1711141	1	PULLEY, Drive
14	1710005	2	BEARING, Nylon
15	1960027	3	WASHER, Plain
16	1918451	1	PIN, Cotter, 1/8 x 3/4
17	927008	1	CAPSCREW, 3/8-24 x 1
18	1916965	3	LOCKWASHER, Spring, 3/8
19	1921332	1	CAPSCREW, Hex, 5/16-18 x 3/4
20	1924940	3	WASHER, Plain
21	1710539	1	IDLER PULLEY, Backside
22	1921971	3	CAPSCREW, Hex, 3/8-16 x 1-3/4
23	1916950	6	NUT, Hex, 3/8-16
24	1710025	1	SPRING
25	1960009	2	WASHER, Plain
26	1710009	1	V-PULLEY, Drive
27	1710287	2	WASHER, Plain
28	1712245	1	SHAFT, Blower
29	921133	1	FITTING, Grease
30	1712240	1	FRAME, Housing Assy.
31	1710602	2	BEARING, Ball, 1"
32	1712244	1	SPACER
33	960181	1	WASHER, Plain
34	1921333	4	CAPSCREW
35	1919326	4	WASHER, Plain
36	1917356	9	LOCKWASHER, Spring, 5/16
37	1917372	4	NUT, Hex, 5/16-18
38	1921332	4	CAPSCREW, Hex, 5/16-18 x 3/4
39	1712950	1	INLET, 6"
40	1960294	8	NUT, Whiz Flange, 1/4-20
41	1712949	1	BLOWER
42	1700259	1	DECAL, Danger
43	1712948	1	BLOWER HOUSING
44	924624	1	SETSCREW, 3/8-24 x 3/8
45	8221042	1	KEY, 3/16 x 3/16 x 1-1/2

SAFETY DECAL



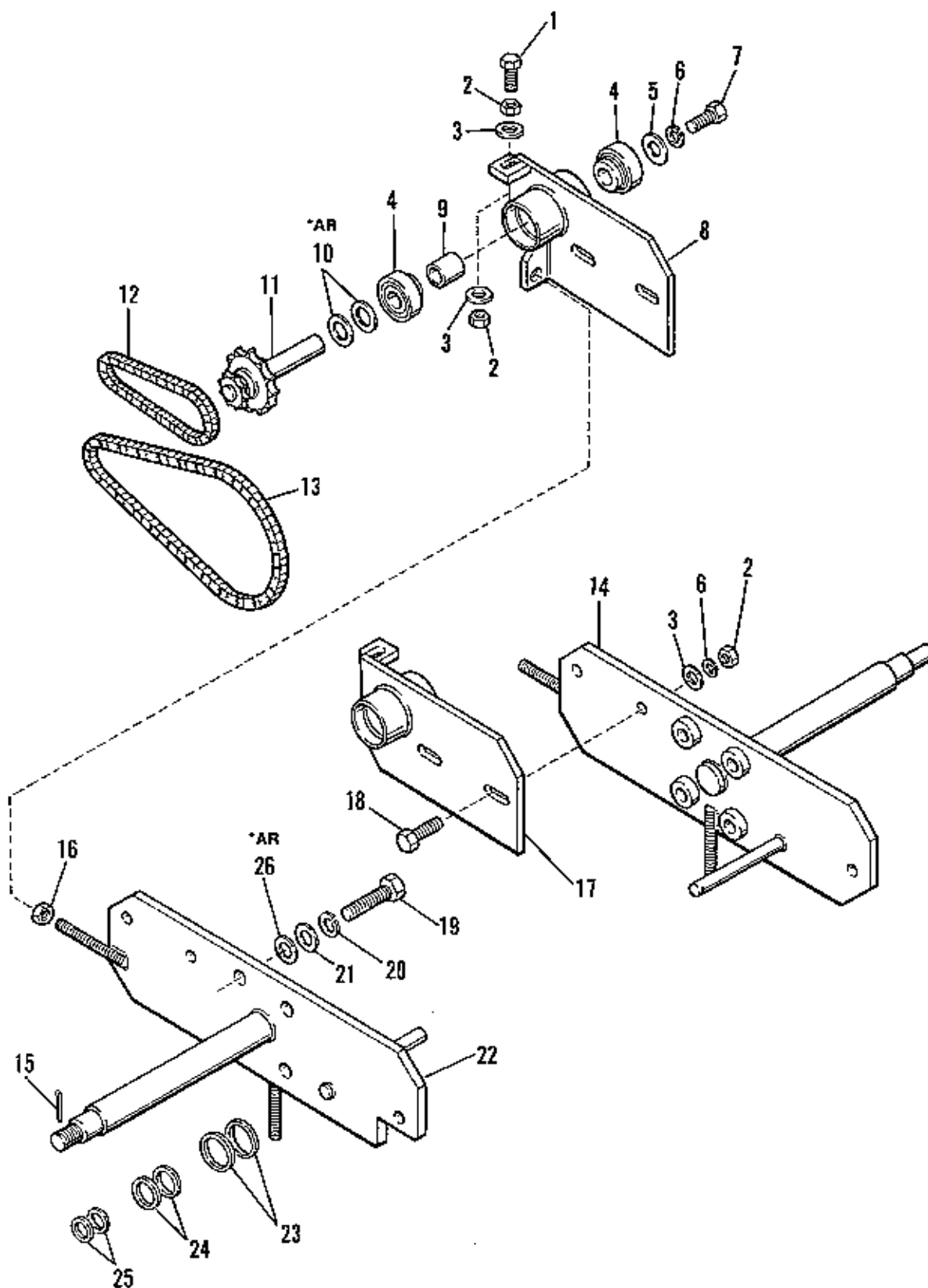
Ref. No. 42



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

Ref. No.	Part No.	Qty.	Description
1	1917356	9	LOCKWASHER, Spring, 5/16
2	1917372	9	NUT, Hex, 5/16-18
3	1712267	1	HOOD ASSY.
4	1712279	1	SCREEN
5	1933896	15	NUT, Hex, #10-24
6	1917365	15	LOCKWASHER, Plain, #10
7	1910531	7	WASHER, Plain, #10
8	1960392	15	SCREW, Pan Head, #10-24 x 1/2
9	1712274	1	SCREEN FRAME ASSY.
10	1712280	2	WINDOW
11	1705304	1	CONTAINER SUPPORT ASSY.
12	1960286	2	CAPSCREW, Hex, 1/2-13 x 3-1/2
13	1924361	4	WASHER, Plain
14	1916966	2	LOCKWASHER, Spring,
15	1916951	2	NUT, Hex, 1/2-13
16	1931335	6	CARRIAGE BOLT, 5/16-18 x 1
17	1919326	10	WASHER, Plain
18	1705311	2	BRACE, Support
19	1711938	2	30 GALLON CONTAINER
20	1711937	1	STRAP
21	1921332	3	CAPSCREW, Hex, 5/16-18 x 3/4
22	1712261	1	HOOD FRAME ASSY.
23	1673320	7	RIVET, Pop
24	1910531	4	WASHER, Plain

**2119



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

*AR = As Required

Ref. No.	Part No.	Qty.	Description
1	1933585	2	CAPSCREW, Hex, 3/8-16 x 2-1/2
2	1916950	4	NUT, Hex, 3/8-11
3	1924940	2	WASHER, 13/32" I.D. x 7/8" O.D.
4	1712038	4	BEARING, Ball
5	1960009	2	WASHER, 13/32" I.D. x 1-1/4" O.D.
6	1916965	6	LOCKWASHER, 3/8
7	927008	2	CAPSCREW, 3/8-24 x 1
8	1712742	1	HOUSING, Jackshaft, R.H.
9	1712067	2	SPACER
10	1710650	4	WASHER, 49/64" I.D. x 1-1/4" O.D.
11	1712747	2	JACKSHAFT ASSY.
12	1712750	2	CHAIN, 40 Pitch
13	1712751	2	CHAIN, 82 Pitch
14	1712733	1	AXLE PLATE ASSY., L.H.
15	918454	2	COTTER PIN
16	1919439	4	NUT, Hex Lock, 3/8-16
17	1712743	1	HOUSING, Jackshaft, L.H.
18	1920415	4	CAPSCREW, Hex, 3/8-16 x 1-1/4
19	1920594	8	CAPSCREW, Hex, 7/16-20 x 2
20	1918199	8	LOCKWASHER
21	1925125	8	WASHER, 15/32" I.D. x 35/64" O.D.
22	1712732	1	AXLE PLATE ASSY., R.H.
23	1712764	4	WASHER, 1-1/8" I.D. x 1-3/4" O.D.
24	1710287	6	WASHER, 1" I.D. x 1-1/2" O.D.
25	960181	4	WASHER, 3/4" I.D. x 1-15/16" O.D.
26	1918267	8	WASHER, 15/32" I.D. x 15/26" O.D.

Hardware Identification & Torque Specifications

Common Hardware Types

Hex Head Capscrew



Washer



Lockwasher

Carriage Bolt



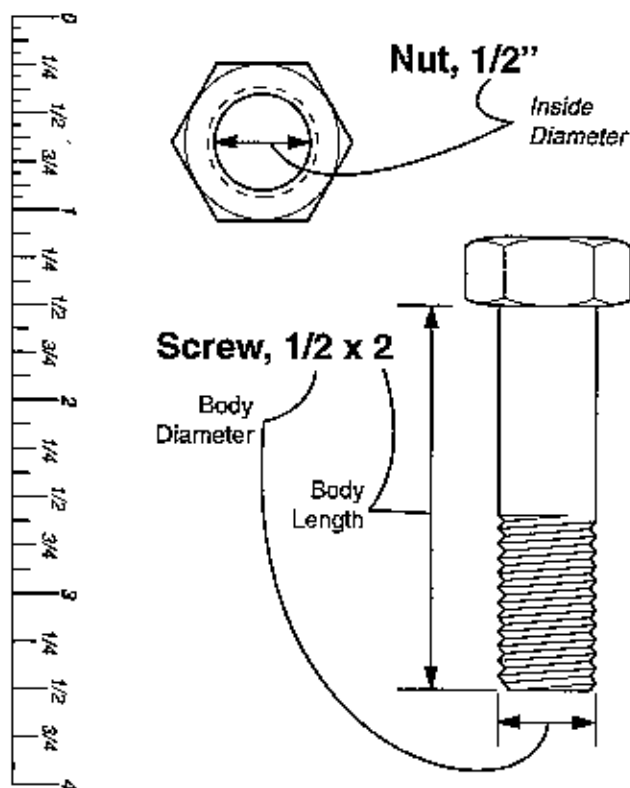
Hex Nut

Standard Hardware Sizing

When a washer or nut is identified as 1/2", this is the **Nominal size**, meaning the **inside diameter** is 1/2 inch; if a second number is present it represents the **threads per inch**.

When bolt or capscrew is identified as 1/2 - 16 x 2", this means the **Nominal size**, or **body diameter** is 1/2 inch; the second number represents the **threads per inch** (16 in this example), and the final number is the **body length** of the bolt or screw (in this example 2 inches long).

The guides and ruler furnished below are designed to help you select the appropriate hardware and tools.



Torque Specification Chart

FOR STANDARD MACHINE HARDWARE (Tolerance $\pm 20\%$)

Hardware Grade	No Marks 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	19.0
5/16-18	11	15.0	17	23.1	25	34.0
5/16-24	12	16.3	19	25.8	27	34.0
3/8-16	20	27.2	30	40.8	45	61.2
3/8-24	23	31.3	35	47.6	50	68.0
7/16-14	30	40.8	50	68.0	70	95.2
7/16-20	35	47.6	55	74.8	80	108.8
1/2-13	50	68.0	75	102.0	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	204.0
9/16-18	75	102.0	120	163.2	170	231.2
5/8-11	90	122.4	150	204.0	220	299.2
5/8-18	100	136	180	244.8	240	326.4
3/4-10	160	217.6	260	353.6	385	525.0
3/4-16	180	244.8	300	408.0	420	571.2
7/8-9	140	190.4	400	544.0	600	816.0
7/8-14	155	210.8	440	598.4	660	897.6
1-8	220	299.2	580	788.8	900	1,244.0
1-12	240	326.4	640	870.4	1,000	1,360.0

NOTES

- 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.

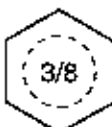
Wrench & Fastener Size Guide



1/4" Bolt or Nut
Wrench—7/16"



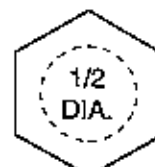
5/16" Bolt or Nut
Wrench—1/2"



3/8" Bolt or Nut
Wrench—9/16"



7/16" Bolt or Nut
Wrench (Bolt)—5/8"
Wrench (Nut)—11/16"



1/2" Bolt or Nut
Wrench—3/4"

Simplicity

MANUFACTURING, INC.

500 N Spring Street / PO Box 997
Port Washington, WI 53074-0997 USA

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