

AGCO ALLIS

PARTS MANUAL

1300 SERIES FRONT CUT

12 HP Hydro

Mfg. No. 1691659

12.5 HP Hydro

Mfg. No. 1692014

16 HP Hydro

Mfg. No. 1691660

Mfg. No. 1692375

42" Mower Deck

Mfg. No. 1691662

Mfg. No. 1691665

48" Mower Deck

Mfg. No. 1691663

Mfg. No. 1691666



**Includes
Deutz-Allis Models**

Table of Contents

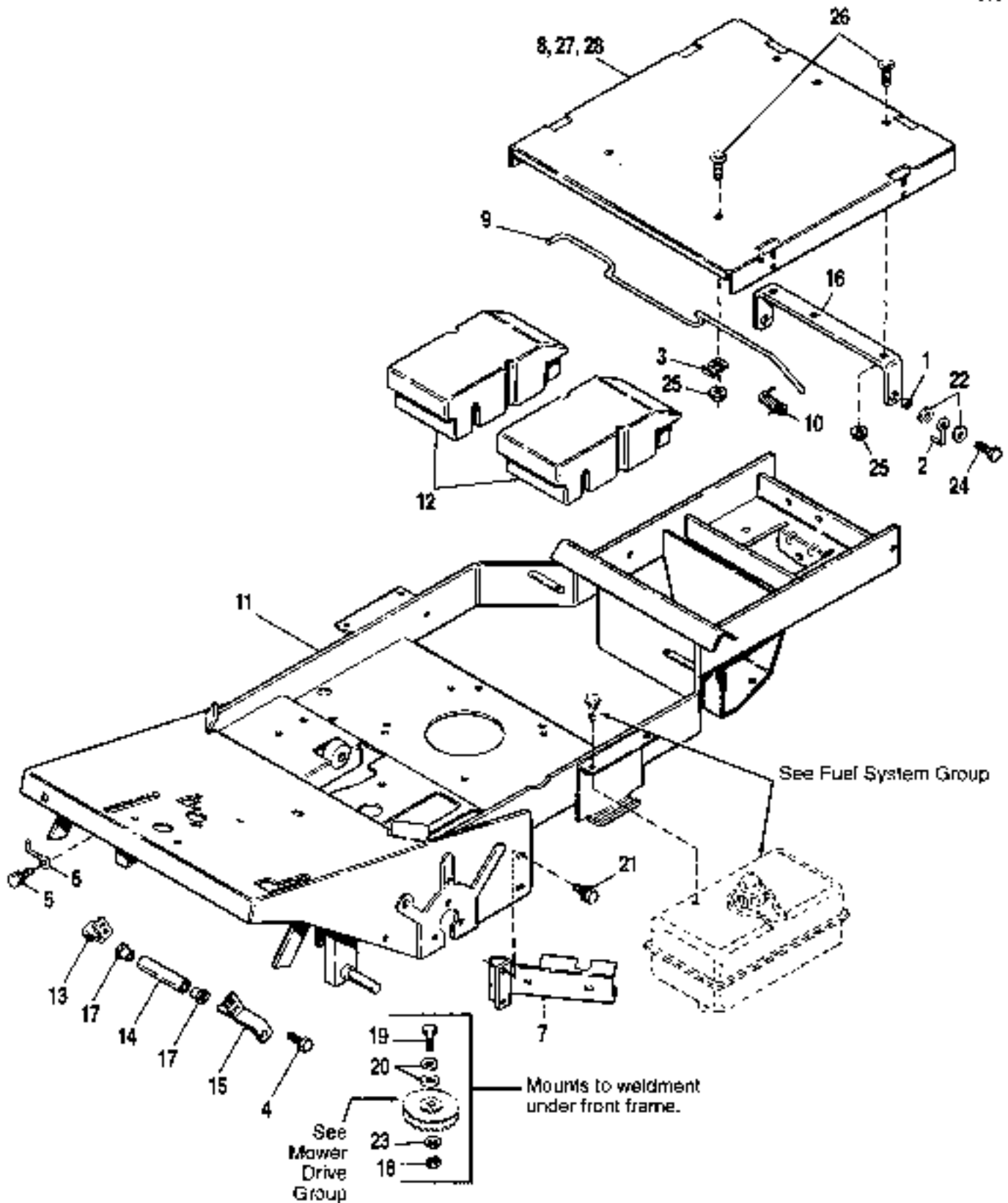
FRAME GROUP	4
Frame, Platforms, Latch, Rear Weights, Gas Tank, Support	
STEERING GROUP	6
Steering Shaft, Steering Wheel, Arm Assy., Bearings	
REAR AXLE & REAR WHEEL GROUP	8
Rear Axle, Drag Link, Splindles, Tie Rod, Steering Arm Assy., Rear Wheels & Tires	
ENGINE GROUP - 12 HP	10
Engine, Heat Shield, Exhaust System, Drive Pulley, Electric Clutch, Oil Drain	
ENGINE GROUP - 12.5 HP & 16 Hp	12
Engine, Heat Shield, Exhaust System, Drive Pulley, Electric Clutch, Oil Drain	
FUEL SYSTEM GROUP	14
Fuel Tanks, Fuel Hose, Shut-Off Valves, Grommets	
TRANSMISSION GROUP	16
Transmission Fan, Fan Guard, Transmission Pulley, Drive Pulley, Control Arm Assy., Tow Latch, Belt	
DRIVE GROUP	18
Pump Mtg. Bracket, Clutch Arm Assy., Idler Assys. & Pulleys, Drive Belt	
DIFFERENTIAL & FRONT WHEELS GROUP	22
Axle Assy., Chain, Brake Drum, Front Wheels & Tires	
BRAKE CLUTCH GROUP	24
Clutch Rod, Brake Band, Rod & Link, Brake Shaft & Pedal	
IMPLEMENT LIFT GROUP	26
Lift Handle, Cover, Shaft Assy. & Rod	
SEAT & DECK GROUP	28
Seat, Deck, Hinges, Latches	
CONSOLE & CONTROLS GROUP	30
Shift Rod, Throttle Arm, Steering Column, Console, Control Rod, Foot Mats	
ELECTRICAL GROUP - FRONT HARNESS	34
Diode, Indicator Lights, Micro Switch, Key Switch, Headlight Assy., PTO Switch	
ELECTRICAL GROUP - MAIN HARNESS	36
Battery, Main Harness, Seal Switch, DSI Module, Cables	
42" & 48" MOWER HOUSING & COVER GROUP	38
Housing & Cover Assys., Baffles, Blades, Deflector	
42" & 48" MOWER SUPPORT GROUP	40
Mower Arm Assy., Support Assy., Rucker Arm Assy., Axle Assy. & Wheels	
42" & 48" MOWER DRIVE GROUP	42
Pulley Assys., Clutch Arm Assy., Idler Supports, Belt Stops, Belt	
42" HEIGHT ADJUSTING & ROLLER GROUP	44
Mower Arm Assy., Rollers, Adjusting Rods, Quadrant, Control Lever	

Table of Contents is continued on the next page.

Table of Contents

48" HEIGHT ADJUSTING & ROLLER GROUP	46
Mower Arm Assy., Rollers, Adjusting Rods, Quadrant, Control Lever	
42" & 48" ARBOR GROUP	48
Arbor Housings, Shaft & Bearing Assy., Blade Adaptors	
DECAL GROUP	50
HYDRO TRANSMISSION PUMP - SERVICE PARTS	52
DIFFERENTIAL SERVICE PARTS	54
Peerless Model 100-080	
PART NUMBER INDEX	A1
STANDARD HARDWARE TORQUE SPECIFICATIONS	A5

Notes



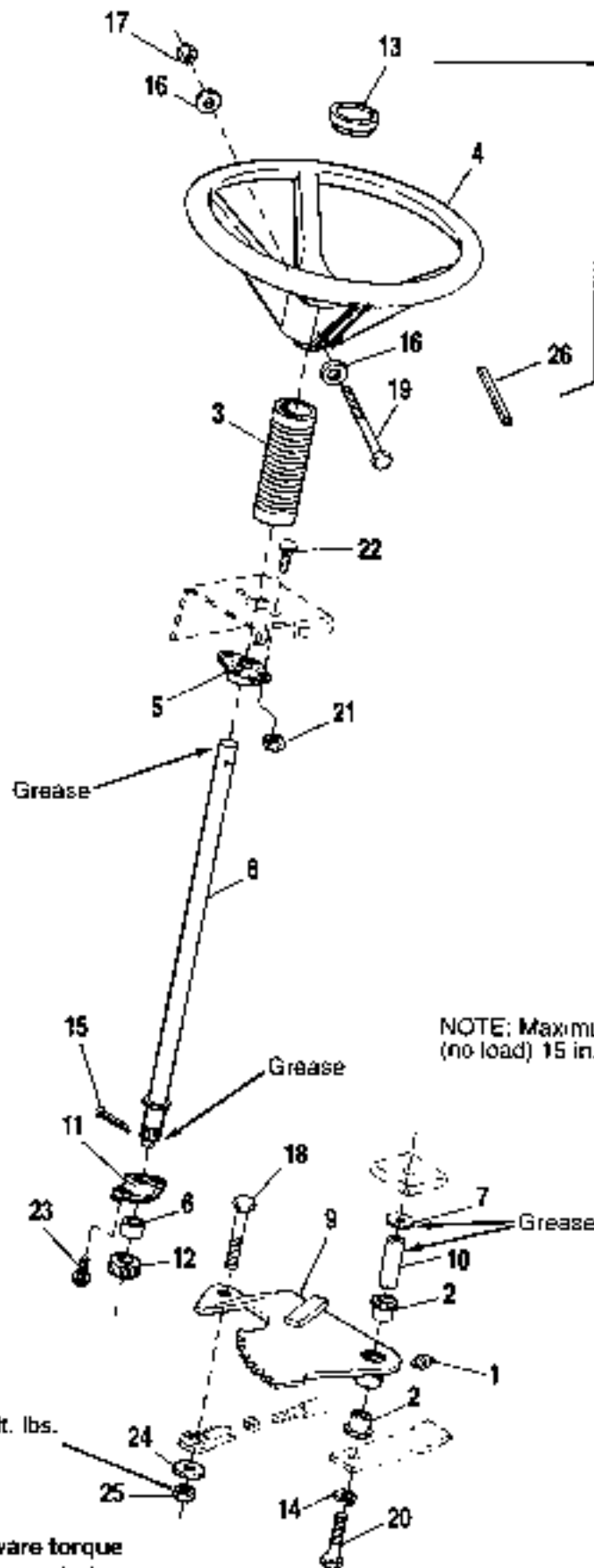
NOTE: Use standard hardware torque spec. chart unless otherwise noted.

All Models

Frame

Ref. No.	Part No.	Qty.	Description
1	108717	2	SPACER
2	170397	2	STOP, Pivot
3	1664004	2	CLIP
4	1664847	2	SCREW, Taplite, 5/16-18 x 3/4
5	1664847	1	SCREW, Taplite, 5/16 x 3/4
6	1678424	1	RETAINER, Cable
7	1703180	2	SUPPORT ASSY., Gas Tank
8	1703308	1	PLATFORM, Orange
9	1703309	1	ROD, Latch
10	1709910	1	SPRING, Torsion
11	1703360	1	FRAME ASSY.
12	1709522	2	WEIGHT, Rear
13	1703774	1	BRACKET, Roller, Front
14	1703775	1	TUBE, Pivot
15	1703777	1	BRACKET ASSY.
16	1704173	1	BRACKET, Pivot
17	1704505	2	BUSHING, Flanged
18	1919439	1	NUT, Hex, Flange Lock, 3/8-16
19	1921971	1	CAPSCREW, Hex Hd., 3/8-16 x 1-1/2
20	1922755	2	WASHER, Plain, 3/8
21	1924856	4	SCREW, Taplite, 5/16-18 x 1/2
22	1924940	4	WASHER, Plain
23	1924940	1	WASHER, Plain
24	1928635	2	SCREW, Taplite, 5/16-18 x 1-1/4
25	1931277	4	NUT, Hex, Whizlock, 5/16-18
26	1931333	4	CARRIAGE BOLT, 5/16-18 x 3/4
27	41703308	1	PLATFORM, Red (Massey Ferguson)
28	71703308	1	PLATFORM, Green (Deutz-Allis models)

**1904



NOTE: Steering Wheel Kit, part no. 1626651 (Kit incl. Ref. Nos. 4, 13 & 26) replaces early style steering wheel and eliminates the requirement for Ref. Nos. 16, 17 & 19.

NOTE: Maximum allowable steering shaft torque (no load) 15 in. lbs. (1.7 Nm).

Torque to 30-40 ft. lbs. (40.8-54.4 Nm).

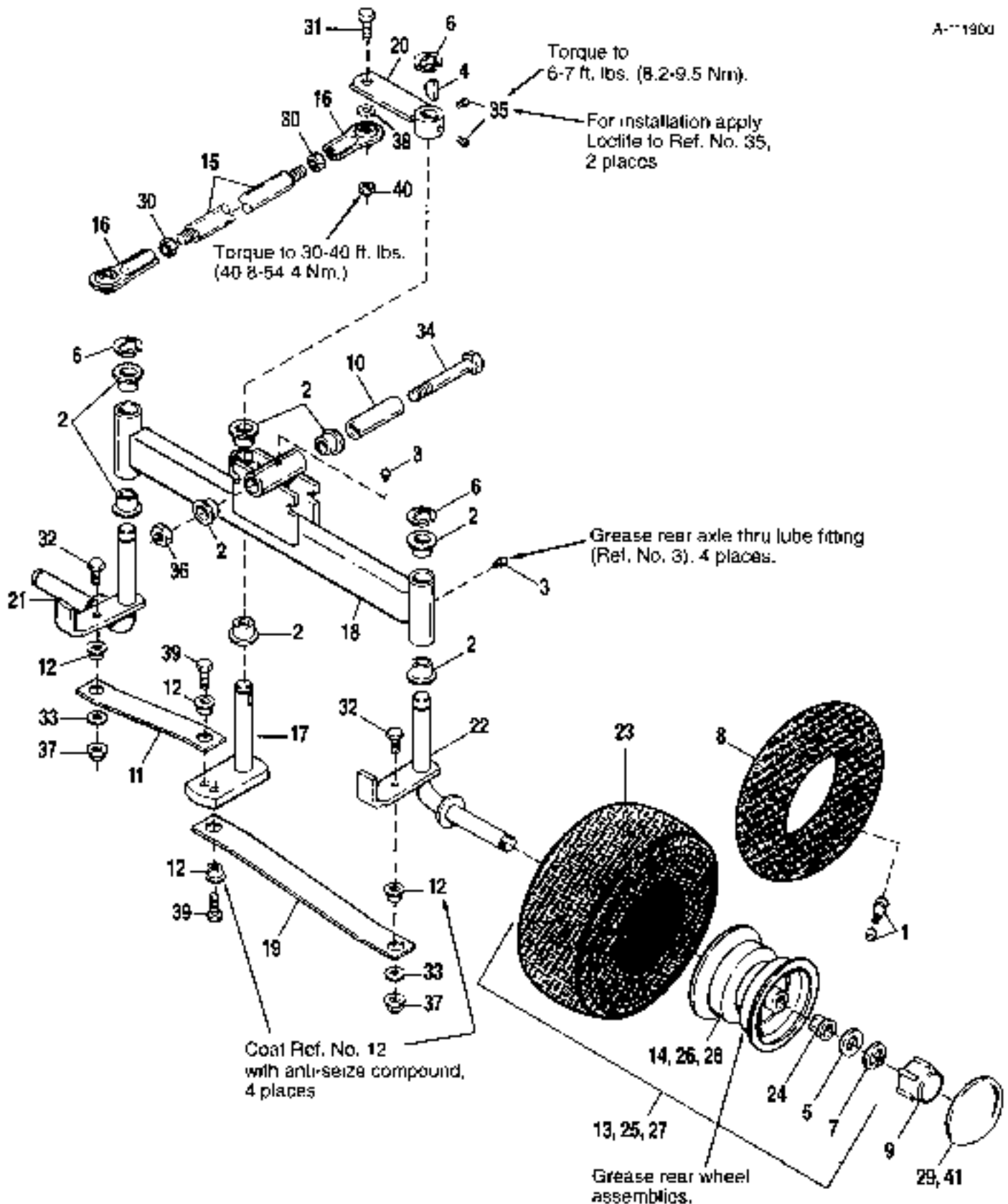
NOTE: Use standard hardware torque spec. chart unless otherwise noted.

All Models

Steering

Ref. No.	Part No.	Qty.	Description
1	921133	1	FITTING, Lube
2	1671737	2	BEARING
3	1678381	1	TUBE, Steering Shaft
4	1686651*	1	STEERING WHEEL KIT (Incl. Ref. Nos. 13 & 26)
5	1702385	1	BEARING, Flange
6	1702784	1	SPACER, Steering Shaft
7	1702786	1	WASHER, Nylon
8	1702870	1	SHAFT ASSY., Steering
9	1703009	1	ARM ASSY.
10	1703112	1	SPACER
11	1703226	1	BEARING, Flange
12	1703305	1	PINION, Steering Shaft
13	1714097	1	CAP, Steering Wheel
14	1916966	1	LOCKWASHER, 1/2
15	1918455	1	PIN, Cotter
16	1919326	2	WASHER, 5/16
17	1919438	1	NUT, Hex, ESNA Lock, 5/16-18
18	1920328	1	CAPSCREW, Hex, 1/2-13 x 1-1/2
19	1925690	1	CAPSCREW, Hex, 5/16-18 x 3-1/2
20	1927469	1	CAPSCREW, Hex, 1/2-13 x 2-1/4
21	1931277	2	NUT, Hex, Whizlock, 5/16-18
22	1931333	2	CARRIAGE BOLT, 5/16-18 x 3/4
23	1933260	2	SCREW, Whizlock, 3/8-16 x 3/4
24	1960170	1	WASHER, 1/2 x 1
25	1960379	1	NUT, Hex, ESNA, 1/2-13 (Thin)
26	1960540	1	PIN, Spring, 5/8 x 2

* Steering Wheel Kit, part no. 1686651 (Kit Incl. Ref. Nos. 4, 13 & 26) replaces early style steering wheel and eliminates the requirement for Ref. Nos. 16, 17 & 19.



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

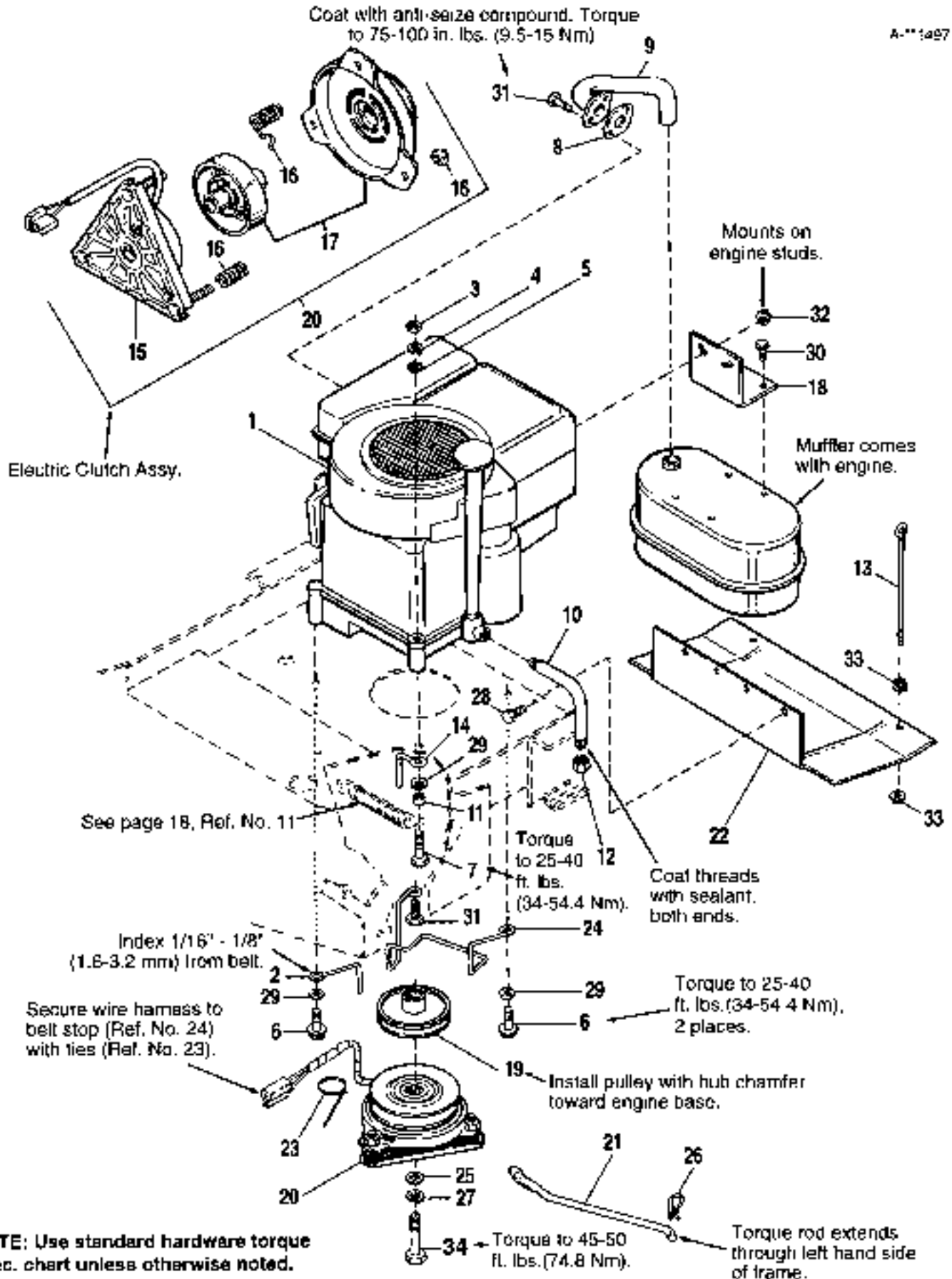
All Models

Rear Axle & Rear Wheels

Ref. No.	Part No.	Qty.	Description
1	172353	2	VALVE STEM & CAP
2	176440	8	BEARING, Nylon
3	921133	4	LUBE FITTING
4	930672	1	KEY, HI Pro, 3/16 x 5/8
5	960202	2	WASHER, 3/4
6	1611710	3	E-RING
7	1611710	2	RING, Retaining
8	1664090	2	TUBE (Service only, see note below)
9	1673333	2	CAP, Threaded
10	1678228	1	TUBE, Pivot Support
11	1678313	1	ROD, Tie
12	1678333	4	SPACER
13	1702606	2	REAR WHEEL & TIRE ASSY., Silver, 13-1/2" wide x 6" dia. (Incl. Ref. Nos. 1, 4 & 23)
14	1702607	2	REAR WHEEL ASSY., Silver, 13-1/2" wide x 6" dia. (Incl. Qty. 2 of Ref. No. 24)
15	1702778	1	DRAG LINK
16	1702779	2	ROD END, Ball Joint
17	1703172	1	STEERING ARM ASSY.
18	1703175	1	REAR AXLE ASSY.
19	1703178	1	ROD, Tie
20	1703203	1	STEERING ARM ASSY.
21	1703954	1	SPINDLE ASSY., RH
22	1703964	1	SPINDLE ASSY., LH
23	1709376	2	TIRE, Dico, 13 x 5.00-8
24	1713167	4	BEARING
25	1713990	2	REAR WHEEL & TIRE ASSY., White, 13-1/2" wide x 6" dia. (Incl. Ref. Nos. 1, 8, 23 & 26)
26	1713991	2	REAR WHEEL ASSY., White, 13-1/2" wide x 6" dia. (Incl. Qty. 2 of Ref. No. 24)
27	1714239	2	REAR WHEEL & TIRE ASSY., Metallic Gray, 13-1/2" wide x 6" dia. (Incl. Ref. Nos. 1, 8, 23 & 28)
28	1714240	2	REAR WHEEL ASSY., Metallic Gray, 13-1/2" wide x 6" dia. (Incl. Qty. 2 of Ref. No. 24)
29	1714428	2	HUB CAP, Black, Smooth, 5-3/4 diameter
30	1919262	2	NUT, Jam, 1/2-20
31	1920328	1	CAPSCREW, Hex Hd., 1/2-13 x 1-1/2
32	1920415	2	CAPSCREW, Hex, 3/8-16 x 1-1/4
33	1924940	2	WASHER, 3/8
34	1926158	1	CAPSCREW, 1/2-13 x 4
35	1928804	2	SETSCREW, Cup Pt., 1/4-20 x 5/16
36	1930644	1	NUT, ESNA, Lock, 1/2-13
37	1930651	2	NUT, Centerlock, 3/8-16
38	1960170	1	WASHER, 1/2
39	1960378	2	CAPSCREW, Whizlock, 3/8-16 x 7/8
40	1960379	1	NUT, Lock, ESNA, 1/2-13 (Thin)
41	1714925	2	HUB CAP, Black, Scalloped, 5-3/4 diameter

NOTE: Simplicity Tire Sealant can be used to repair tires in place of tubes. The sealant is available under the following part numbers:

•	1685525	1	CASE OF 24, 11 oz. tubes
•	1685527	1	PAIL, 5 gallon
•	1685537	1	CASE OF 12, 11 oz. tubes



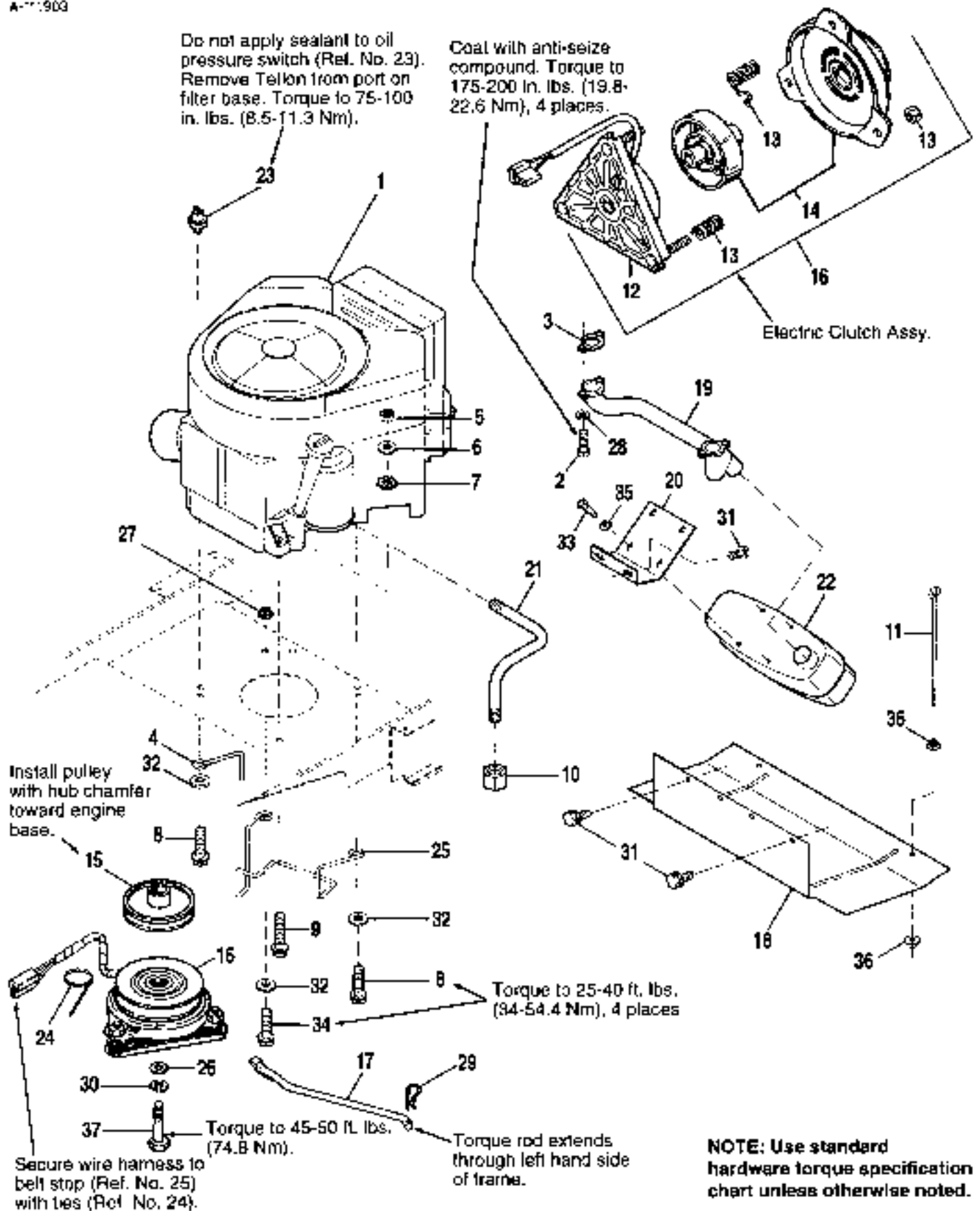
Mfg. No. 1691655, 1691659

Engine - 12 HP

<u>Ref. No.</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Description</u>
1	*	1	ENGINE, 12 HP, Briggs & Stratton
2	172844	1	STOP, Bell
3	916950	1	NUT, Hex, 3/8-16
4	916965	1	LOCKWASHER, 3/8
5	920427	1	LOCKWASHER, Ext. Tooth, 3/8
6	930598	3	SCREW, Taptite, 3/8-16 x 1-1/2
7	960358	1	SCREW, Taptite, 3/8-16 x 2-1/2
8	1650670	1	GASKET, Muffler
9	1655860	1	PIPE, Exhaust
10	1664989	1	DRAIN, Oil
11	1666804	1	SPACER
12	1667346	1	CAP, Hex, 3/8
13	1676338	2	ROD, Battery Hold Down
14	1676906	1	STOP, Belt
15	1679101	1	FIELD ASSY., Clutch
16	1679104	1	ACCESSORY KIT
17	1685485	1	ROTOR ASSY./ARMATURE ASSY. KIT, Clutch
18	1700154	1	BRACKET, Muffler
19	1702962	1	PULLEY ASSY., Drive
20	1703074	1	ELECTRIC CLUTCH ASSY. (Incl. Ref. Nos. 15 - 17)
21	1703107	1	ROD, Torque
22	1703720	1	HEAT SHIELD ASSY.
23	1704739	2	TIE
24	1705268	1	STOP, Bell
25	1706264	1	WASHER, 7/16
26	1918196	1	CLIP, Hair Pin
27	1918199	1	LOCKWASHER, 7/16
28	1924856	2	SCREW, Taptite, 5/16-18 x 1/2
29	1924940	4	WASHER, 3/8
30	1927429	4	SCREW, Taptite, 1/4-20 x 5/8
31	1930591	2	SCREW, Whizlock, 5/16-18 x 3/4
32	1931277	2	NUT, Hex, Whizlock, 5/16-18
33	1960294	4	NUT, Flange, Whizlock, 1/4-20
34	1960351	1	CAPSCREW, Hex, 7/16 x 3-1/4

* See your local Briggs & Stratton distributor for engine parts & service.

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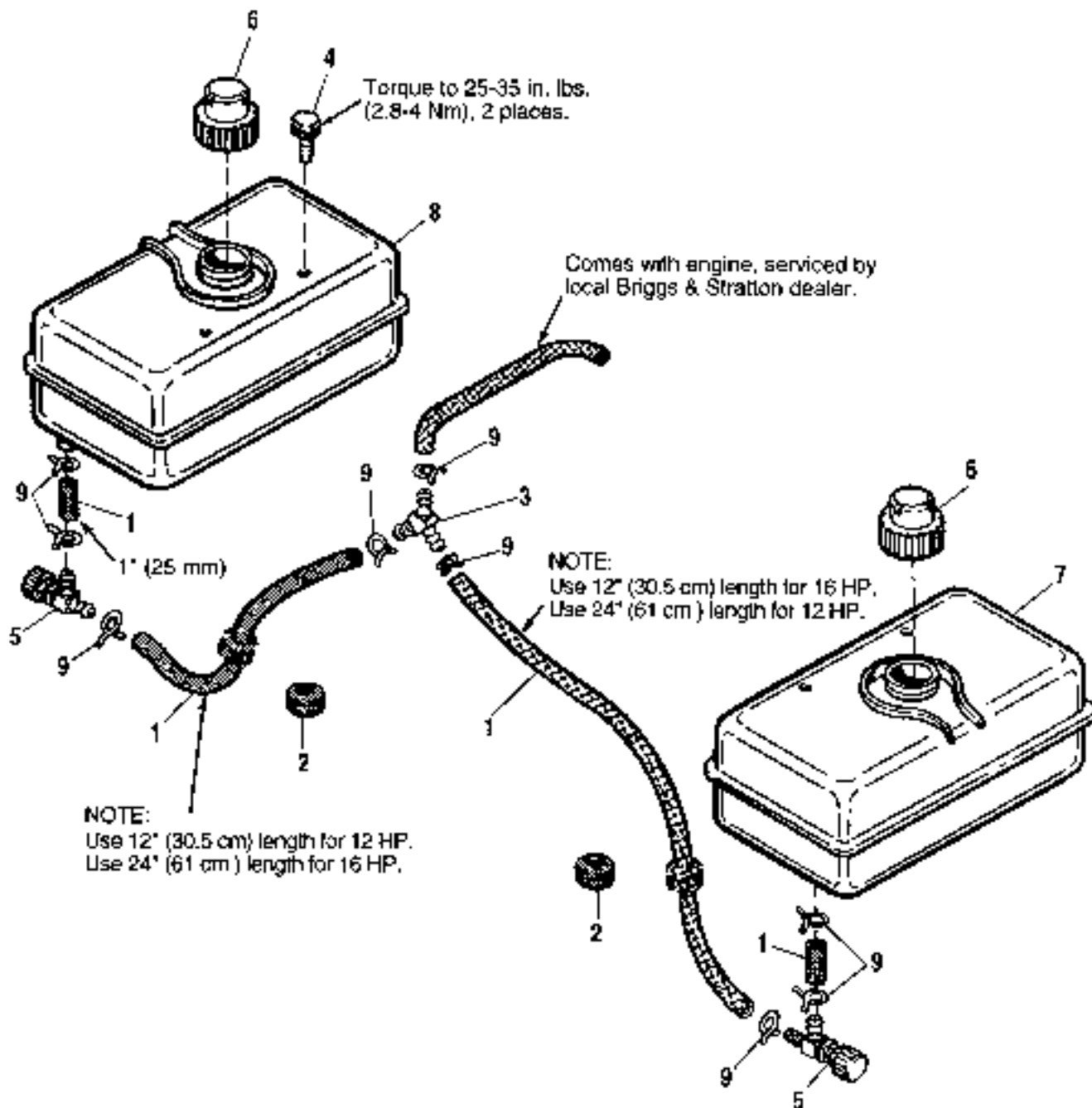


Mfg. No. 1691658, 1691660, 1692014, 1692375, 1692376, 1692512

Engine - 12 HP & 16 HP

Ref. No.	Part No.	Qty.	Description
1	*	1	ENGINE, 12.5 or 16 HP Briggs & Stratton
2	*	4	CAPSCREW, Metric
3	*	2	GASKET, Muffler
4	172844	1	STOP, Belt
5	916950	1	NUT, Hex, 3/8-16
6	916965	1	LOCKWASHER, 3/8
7	920427	1	LOCKWASHER, Ext. Tooth, 3/8
8	930598	3	SCREW, Tapite, 3/8-16 x 1-1/2
9	960358	1	SCREW, Tapite, 3/8-16 x 2-1/2
10	1667348	1	CAP, Hex, Pipe, 3/8
11	1676338	2	ROD, Hold Down
12	1679101	1	FIELD ASSY., Clutch
13	1679104	1	ACCESSORY KIT, Clutch
14	1685485	1	ROTOR ASSY./ARMATURE ASSY. KIT, Clutch
15	1702962	1	PULLEY ASSY., Drive
16	1703074	1	ELECTRIC CLUTCH ASSY., (Incl. Ref. Nos. 12 - 14)
17	1703107	1	ROD, Torque
18	1703720	1	SHIELD, Heat
19	1703760	1	MANIFOLD, Exhaust
20	1703773	1	BRACE, Muffler
21	1703821	1	DRAIN, Oil
22	1703906	1	MUFFLER ASSY., w/Deflector
23	1703956	1	SWITCH, Oil Pressure
24	1704739	1	TIE
25	1705268	1	STOP, Bolt
26	1708264	1	WASHER, 7/16
27	1916159	1	NUT, Retainer, 5/16-18
28	1917356	4	LOCKWASHER, 5/8
29	1918196	1	CLIP, Hair Pin
30	1918199	1	LOCKWASHER, 7/16
31	1924856	4	SCREW, Tapite, 5/16-18 x 1/2
32	1924940	3	WASHER, 3/8
33	1927429	4	SCREW, Tapite, 1/4-20 x 5/8
34	1930591	2	SCREW, Hex, Whizlock, 5/16-18 x 3/4
35	1960151	4	WASHER,
36	1960294	4	NUT, Flange, Whizlock, 1/4-20
37	1960351	1	CAPSCREW, Hex, 7/16 x 3-1/4

* See your local Briggs & Stratton distributor for engine parts & service.



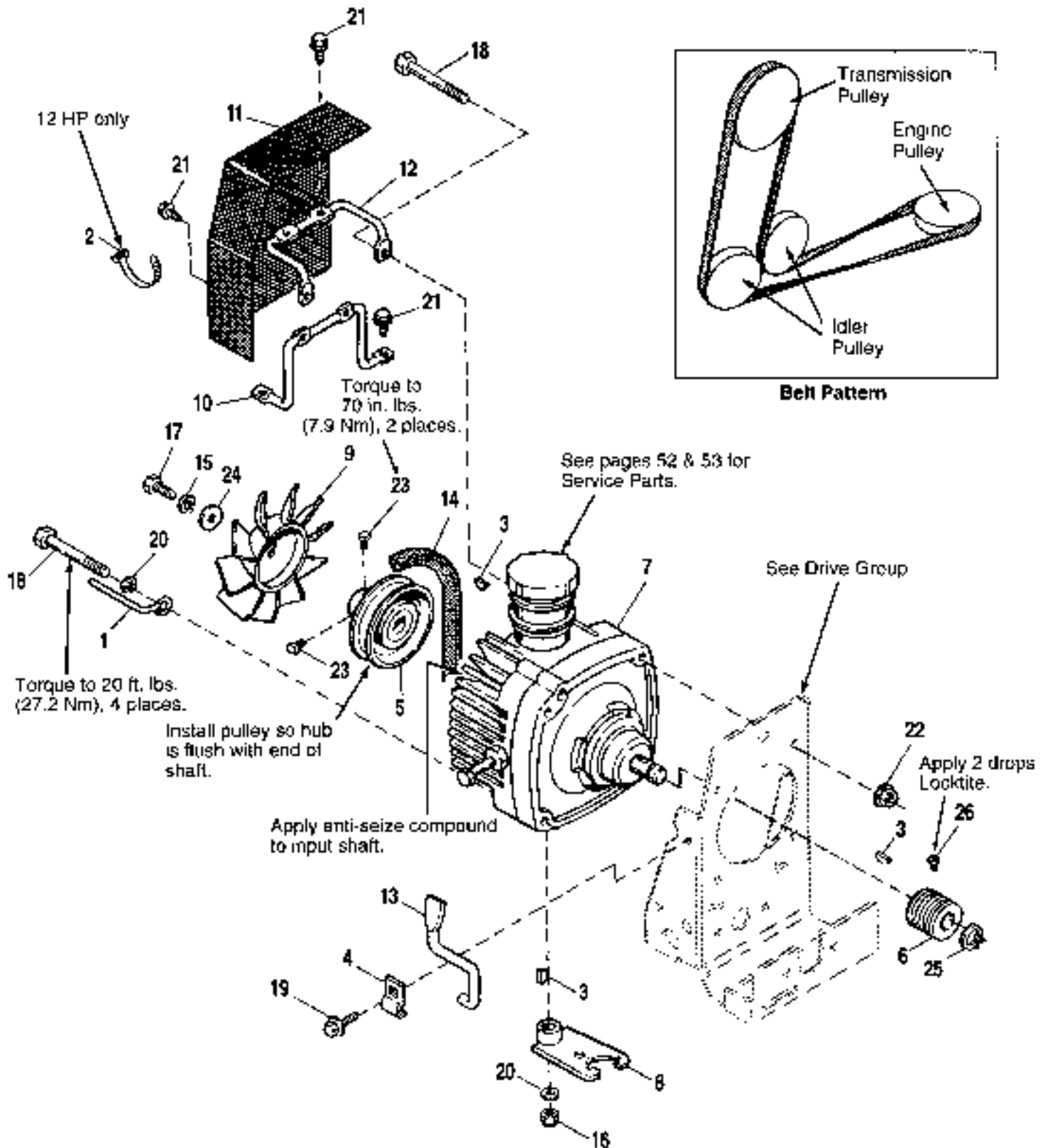
NOTE: Use standard hardware torque spec. chart unless otherwise noted.

All Models

Fuel System

Ref. No.	Part No.	Qty.	Description
1	*	A/R	HOSE, Fuel
2	1650793	2	GROMMET
3	1678320	1	FITTING, Tee
4	1678380	4	SCREW, Special
5	1678455	2	VALVE, ShutOff
6	1702507	2	CAP, Fuel Tank
7	1702508	1	TANK, Fuel (LH) (Incl. Qty. 1, Ref. No. 9)
8	1702509	1	TANK, Fuel (RH) (Incl. Qty. 1, Ref. No. 9)
9	1960112	9	CLAMP, Hose

* Order part number 1676861, 45" fuel hose, and cut to length.



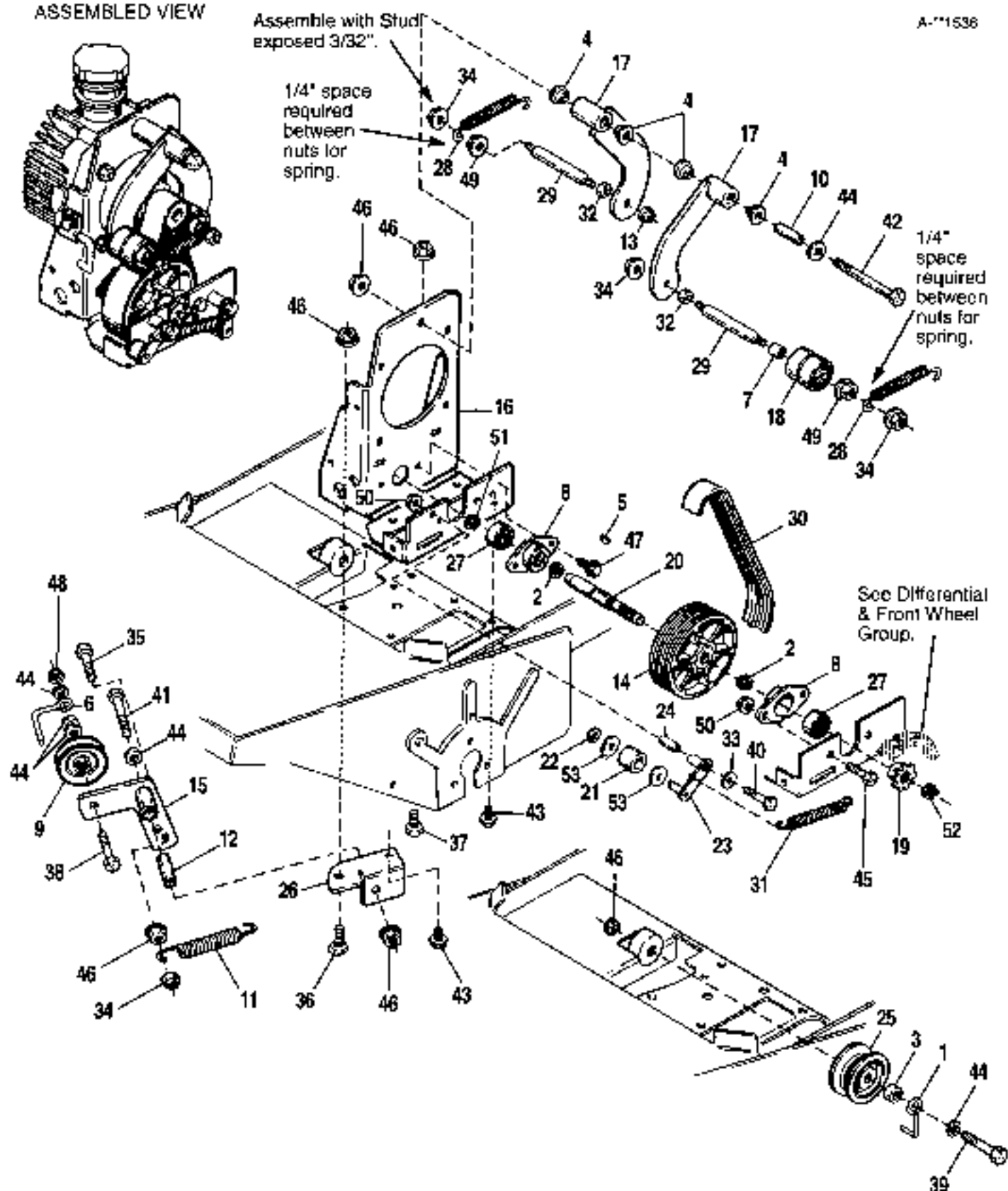
NOTE: Use standard hardware torque spec. chart unless otherwise noted.

All Models

Transmission

Ref. No.	Part No.	Qty.	Description
1	167032	1	STOP, Belt
2	932747	1	TIE
3	960397	3	KEY, Woodruff
4	1864004	1	CLIP, Tow Latch
5	1670855	1	PULLEY, Transmission
6	1700307	1	PULLEY, Drive
7	1700690	1	TRANSMISSION - Hydro Pump (See pages 52 & 53 for service parts)
8	1700795	1	CONTROL ARM ASSY.
9	1700814	1	FAN
10	1701219	1	MOUNTING BRACKET, Fan Guard
11	1701220	1	GUARD, Fan
12	1701221	1	MOUNTING BRACKET, Fan Guard
13	1701467	1	ROD, Tow Latch
14	1704735	1	BELT, Drive
15	1916964	1	LOCKWASHER, 1/4
16	1919439	1	NUT, Hex, ESNA Lock, 5/16-18
17	1921958	1	CAPSCREW, Hex, 1/4-20 x 1/2
18	1923903	4	CAPSCREW, Hex, 3/8-16 x 3
19	1924856	1	SCREW, Taplife, 5/16-18 x 1/2
20	1924940	2	WASHER, 5/16
21	1925003	6	SCREW, Hex, Taplife, 1/4-20 x 1/2
22	1928352	4	NUT, Hex, Whizlock, 3/8-16
23	1960110	2	SETSCREW, Sq. Hd., Cup Pt., 1/4-28 x 1/2
24	1960151	1	WASHER, 1/4 x 1-1/4
25	1960310	1	RING, Retaining
26	1960348	2	SETSCREW, 1/4-20 x 3/8

ASSEMBLED VIEW



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

All Models

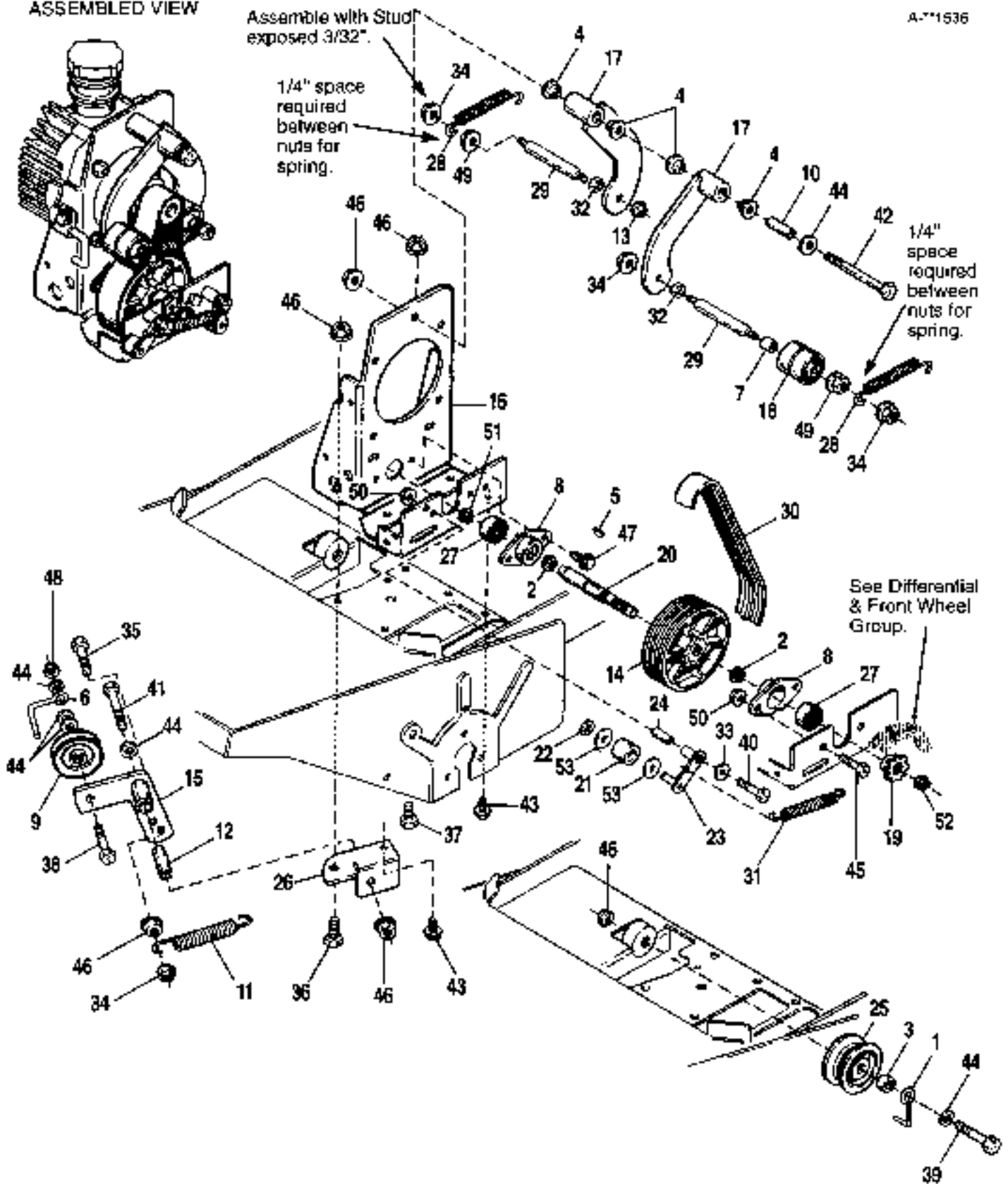
Drive

Ref. No.	Part No.	Qty.	Description
1	161080	1	STOP, Belt
2	166017	2	RING, Retaining
3	172454	1	SPACER
4	176444	4	BUSHING
5	930670	1	KEY, Woodruff
6	1656054	1	STOP, Belt
7	1665699	2	SPACER
8	1667341	2	RETAINER, Bearing
9	1668827	1	PULLEY, Idler
10	1669105	2	TUBE, Pivotal
11	1676351	1	SPRING
12	1678057	1	SPACER
13	1678333	1	SPACER
14	1700309	1	PULLEY, Drive
15	1700629	1	CLUTCH ARM ASSY.
16	1700640	1	BRACKET, Pump Mount
17	1700976	2	IDLER ARM ASSY.
18	1700996	2	PULLEY, Idler
19	1701174	1	SPROCKET, Drive (9 Teeth)
20	1701175	1	JACKSHAFT
21	1701785	2	ROLLER, Chain
22	1704420	2	KLIP RING, Retaining
23	1704686	2	CONTROL ARM ASSY.
24	1704690	2	SPACER, Control Arm Assy.
25	1704740	1	PULLEY ASSY., Idler
26	1704754	1	BRACKET, Clutch Arm
27	1705897	2	BEARING Ball
28	1707510	2	SPRING, Tension, 4"
29	1713368	2	STUD, 3/8-16 X 4-1/2
30	1713639	1	BELT, Drive, Poly "V"
31	1714231	1	SPRING, Tension, Idler Assy.
32	1917421	2	NUT, Jam, 3/8-16
33	1919381	2	WASHER, Plain, 5/16
34	1919439	4	NUT, Hex, ESNA, Lock, 3/8-16
35	1920415	1	CAPSCREW, Hex, 3/8-16 x 1-1/4
36	1921210	1	CAPSCREW, Hex, 3/8-16 x 1
37	1921965	3	CAPSCREW, Hex, 3/8-16 x 3/4
38	1921971	1	CAPSCREW, Hex, 3/8-16 x 1-3/4
39	1921973	1	CAPSCREW, Hex Hd., 3/8-16 x 2-3/4
40	1921978	2	CAPSCREW, Hex, 5/16-18 x 2

Ref. Nos. 41 - 53 are on the following page.

ASSEMBLED VIEW

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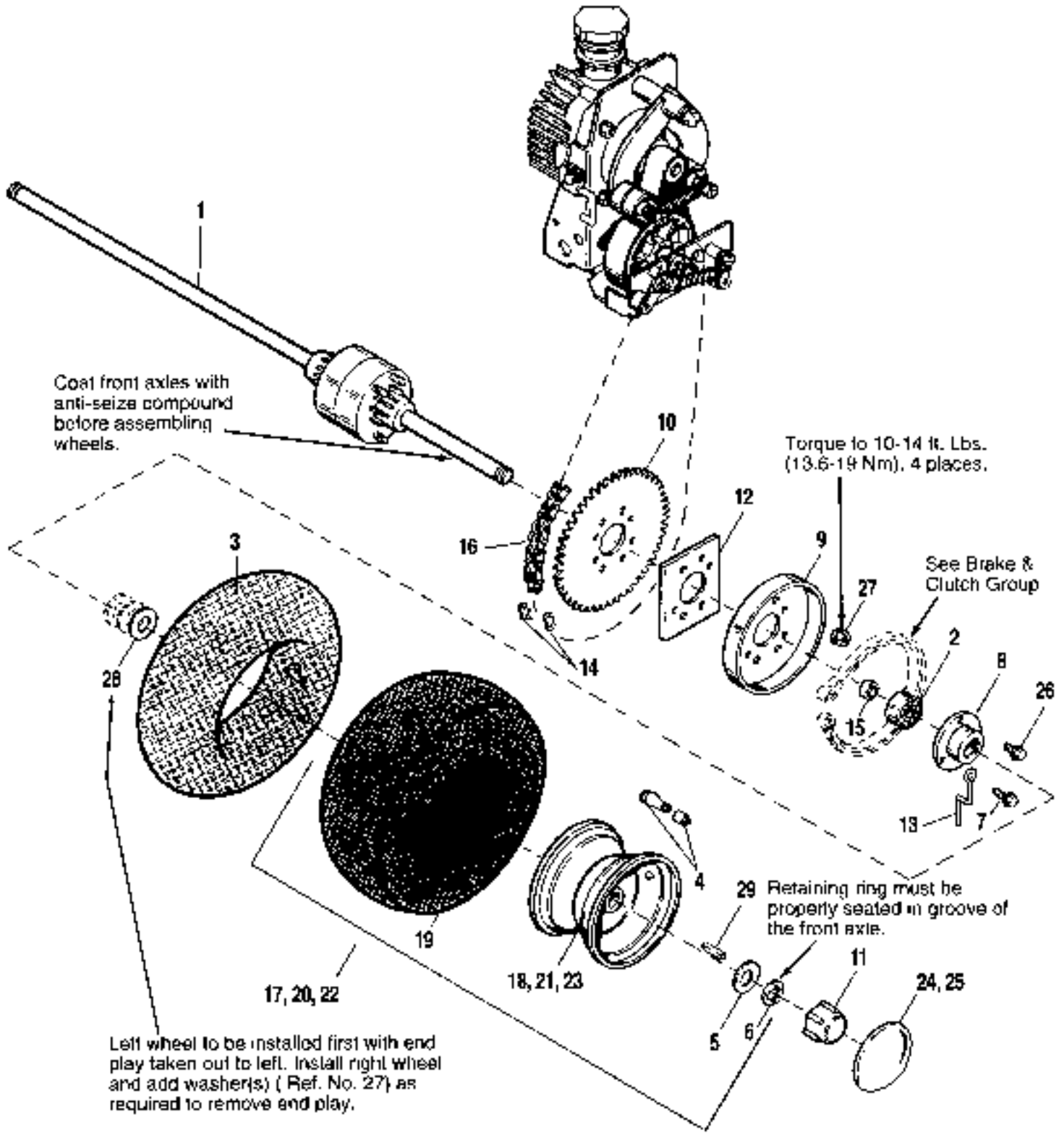
NOTE: Use standard hardware torque spec. chart unless otherwise noted.

All Models

Drive

Ref. No.	Part No.	Qty.	Description
41	1922130	1	CAPSCREW, Hex, Hd., 3/8-16 x 2-1/4
42	1922648	1	CAPSCREW, Hex, 3/8-16 x 4
43	1924856	9	SCREW, Hex, Taptite, 5/16-18 x 1/2
44	1924940	9	WASHER, 3/8
45	1925205	2	CAPSCREW, Hex, 5/16-18 x 5/8
46	1928352	6	NUT, Hex, Flange, Lock, 3/8-16
47	1928729	2	SCREW, Taptite, 5/16-18 x 3/8
48	1930645	1	NUT, Centerlock 3/8-16
49	1931211	2	NUT, Hex, Whiz, 3/8-16
50	1931277	4	NUT, Hex, Whizlock, 5/16-18
51	1960310	1	RING, Retaining
52	1960328	1	RING, Retaining
53	1960527	4	WASHER

Ref. Nos. 1 - 40 are on the preceding page.



CHAIN ASSY.

Assemble master link with closed end of clip facing in the direction of forward chain movement.

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

All Models

Differential & Front Wheels

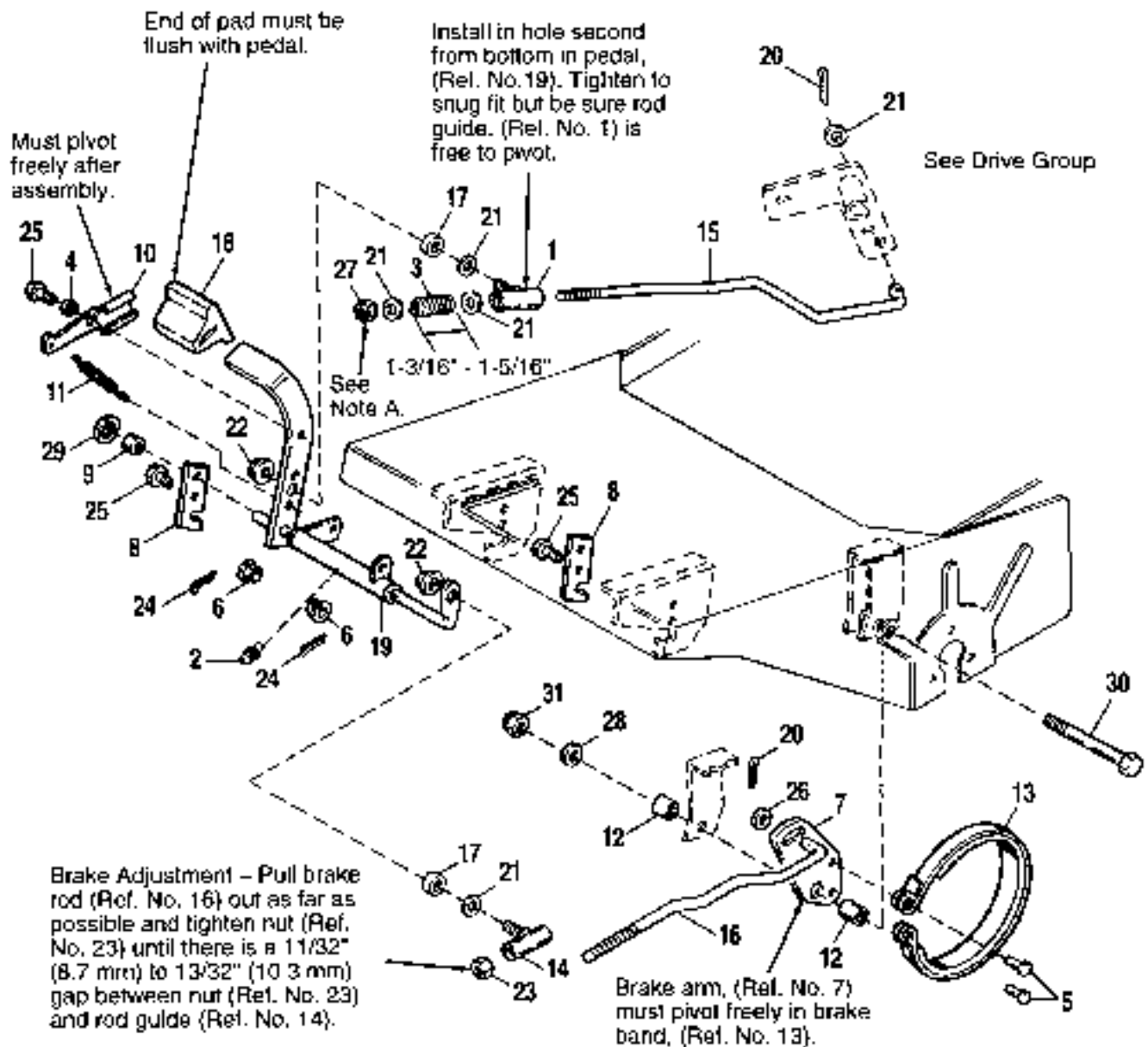
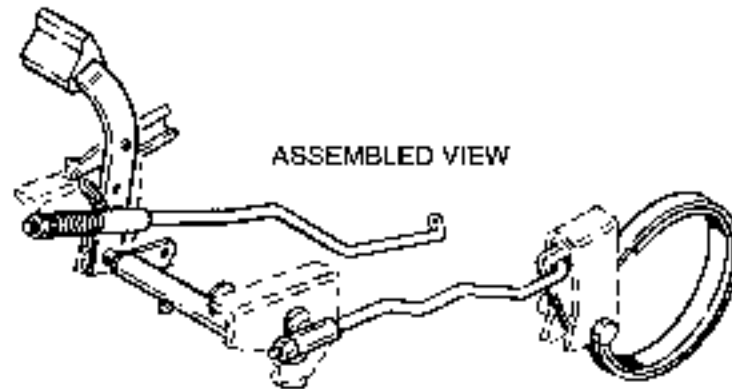
Ref. No.	Part No.	Qty.	Description
1	*	1	AXLE ASSY., Differential (See pages 54 & 55 for service parts)
2	108202	2	BEARING
3	164247	2	TUBE (Service only, see note below)
4	172353	2	VALVE STEM & CAP
5	960202	3	WASHER, 3/4
6	1611710	2	RING, Retaining, Wheel
7	1664847	1	SCREW, Tapite, 5/16-18 x 3/4
8	1665696	2	FLANGE, Bearing
9	1668295	1	DRUM, Brake
10	1668296	1	SPROCKET, 54 Tooth
11	1673333	2	CAP, Threaded (Not used on export models)
12	1678408	1	SHIM, Sprocket
13	1678447	1	STOP, Brake Band
14	1701112	1	MASTERLINK, Chain
15	1701772	1	SPACER, Axle
16	1704298	1	CHAIN, Roller, #40 x 63 pitches
17	1705038	2	WHEEL & TIRE ASSY., Silver, 5-3/8" wide x 8" dia. (Incl. Ref. Nos. 4, 18 & 19)
18	1705047	2	WHEEL ASSY., Silver, 5-3/8" wide x 8" dia.
19	1709381	2	TIRE, Dico. Turf Trac. 16 x 6.50-8
20	1713988	2	WHEEL & TIRE ASSY., White, 5-3/8" wide x 8" dia. (Incl. Ref. Nos. 4, 19 & 21)
21	1713989	2	WHEEL ASSY., White, 5-3/8" wide x 8" dia.
22	1714237	2	WHEEL & TIRE ASSY., Metallic Gray, 5-3/8" wide x 8" dia. (Incl. Ref. Nos. 4, 19 & 23)
23	1714238	2	WHEEL ASSY., Metallic Gray, 5-3/8" wide x 8" dia.
24	1714429	2	HUBCAP, 8", Smooth
25	1714926	2	HUBCAP, 8", Scalloped
26	1924856	5	SCREW, Tapite, 5/16-18 x 1/2
27	1931277	4	NUT, Hex, Whizlock, 5/16-18
28	1960114	3	WASHER, Shim, 3/4 x 1-1/8 (Use as needed)
29	8221042	2	KEY, 3/16 x 3/16 x 1-1/2

* See your local Tecumseh/Peerless distributor for parts and service.

* NOTE: Simplicity Tire Sealant can be used to repair tires in place of tubes. The sealant is available under the following part numbers:

1685525	1	CASE OF 24, 11 oz. tubes
1685527	1	PAIL, 5 gallon
1685537	1	CASE OF 12, 11 oz. tubes

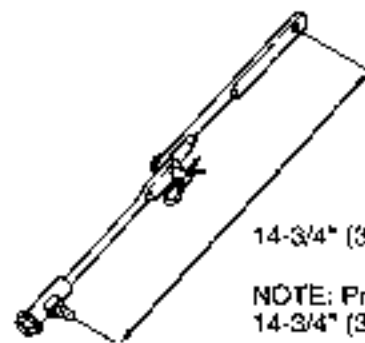
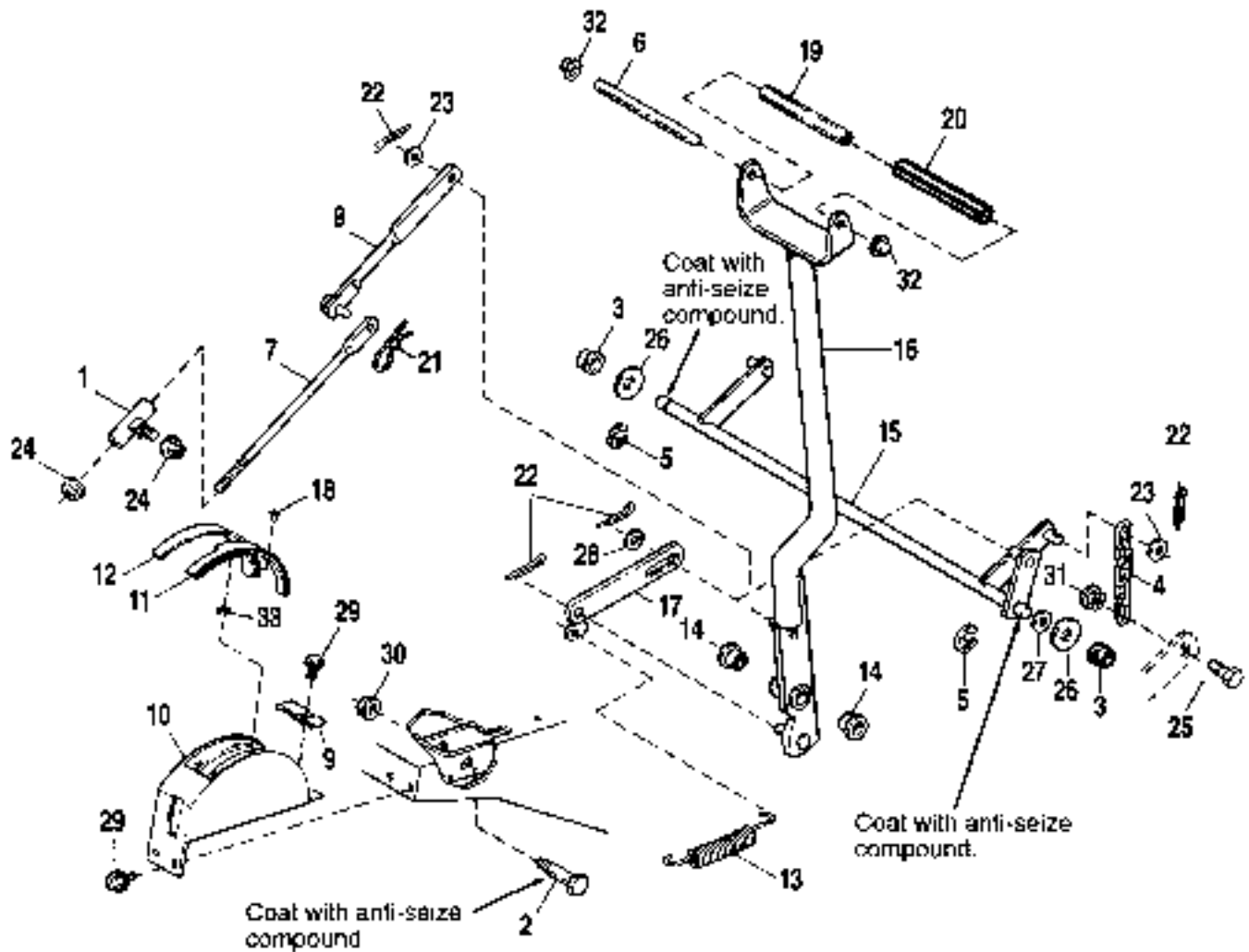
NOTE A: Clutch Adjustment – With pedal released, tighten nut (Ref. No. 27) on clutch rod (Ref. No. 15) until spring (Ref. No. 3) is compressed to a height of 1-5/16" (30.2 mm) to 1-3/16" (33.3 mm) on the long side of spring.



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

All Models**Brake & Clutch**

Ref. No.	Part No.	Qty.	Description
1	154117	1	GUIDE ASSY., Rod
2	921133	1	FITTING, Grease
3	1650347	1	SPRING
4	1665844	1	SPACER
5	1667132	2	PIN
6	1668165	2	BUSHING, Nylon, Split
7	1678279	1	LINK, Brake Arm
8	1678327	2	BRACKET, Brake
9	1678328	1	SPACER
10	1678340	1	LATCH, Brake
11	1678341	1	SPRING
12	1678409	2	SPACER
13	1679357	1	BAND ASSY., Brake
14	1700114	1	GUIDE ASSY., Rod
15	1703100	1	ROD, Clutch
16	1703375	1	ROD, Brake
17	1703900	2	SPACER
18	1704849	1	PAD, Pedal
19	1705775	1	SHAFT ASSY., Brake
20	1918447	2	PIN, Cotter, 3/4
21	1919326	5	WASHER, 5/16
22	1919438	2	NUT, Hex, ESNA, Lock, 5/16-18
23	1919439	1	NUT, Hex, Lock, 3/8-16
24	1923360	2	PIN, Cotter
25	1924856	5	SCREW, Tapline, 5/16-18 x 1/2
26	1924940	1	WASHER, 3/8
27	1935048	1	NUT, Hex, Centerlock, 5/16-18
28	1960170	1	WASHER, 1/2
29	1960260	1	PUSHNUT
30	1960286	1	CAPSCREW, 1/2-13 x 3-1/2, Gr. 5
31	1960379	1	NUT, Hex, ESNA, Lock, 1/2-13



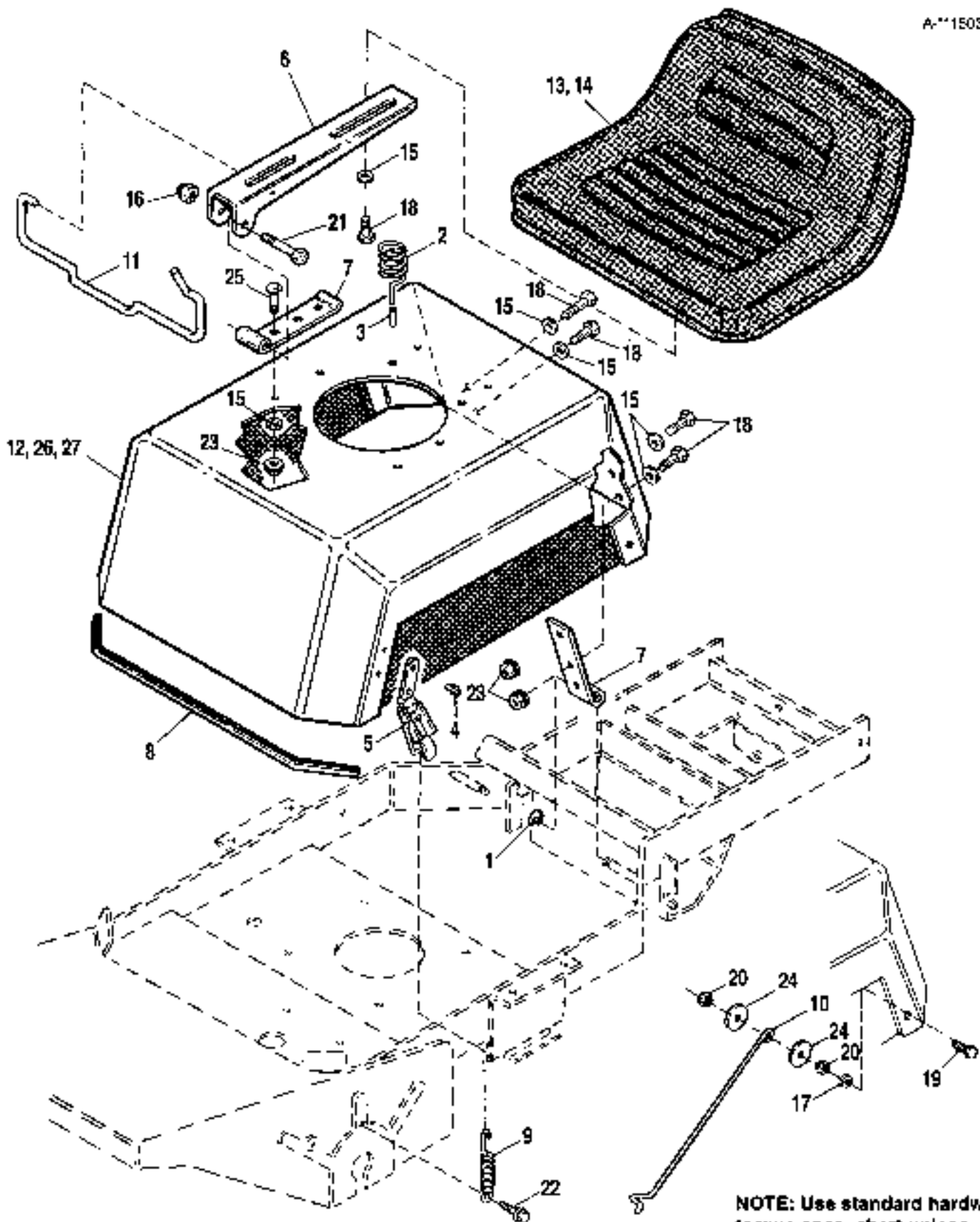
NOTE: Pre-assemble rods to 14-3/4" (37.5 cm) dimension.

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

All Models

Implement Lift

Rel. No.	Part No.	Qty.	Description
1	108166	1	YOKE ASSY., Pivot
2	170135	1	BOLT, Shoulder
3	1668185	2	BUSHING, Nylon
4	1678337	2	CHAIN, Lift
5	1703805	2	KLIPRING, 1/2
6	1704038	1	PIN
7	1704163	1	LIFT ROD, Lower
8	1704175	1	LIFT ROD ASSY.
9	1704199	1	CLAMP, Cover
10	1704353	1	COVER, Lift Lever
11	1704364	1	STRIP, Rubber, LH
12	1704365	1	STRIP, Rubber, RH
13	1704442	1	SPRING
14	1704505	2	BUSHING, Flanged
15	1704866	1	SHAFT ASSY., Lift
16	1704869	1	HANDLE ASSY., Lift
17	1704871	1	BAR ASSY., Lift
18	1704882	8	RIVET
19	1704915	1	SPACER
20	1705005	1	HANDLE
21	1918196	1	COTTER PIN, Hairpin
22	1918447	5	PIN, Cotter
23	1919326	3	WASHER
24	1919439	2	NUT, Hex, ESNA Lock, 3/8-16
25	1921333	2	CAPSCREW, 5/16-16 x 1
26	1924359	2	WASHER, Plain
27	1924361	1	WASHER, 1/2
28	1924940	1	WASHER, Plain, 3/8
29	1929477	3	SCREW, Tapfile #10-24 x 1/2
30	1931211	1	NUT, Whizlock, 3/8-16
31	1935048	2	NUT, Hex, Flange, Lock, 5/16-18
32	1960093	2	PUSHNUT
33	1960521	8	PUSHNUT

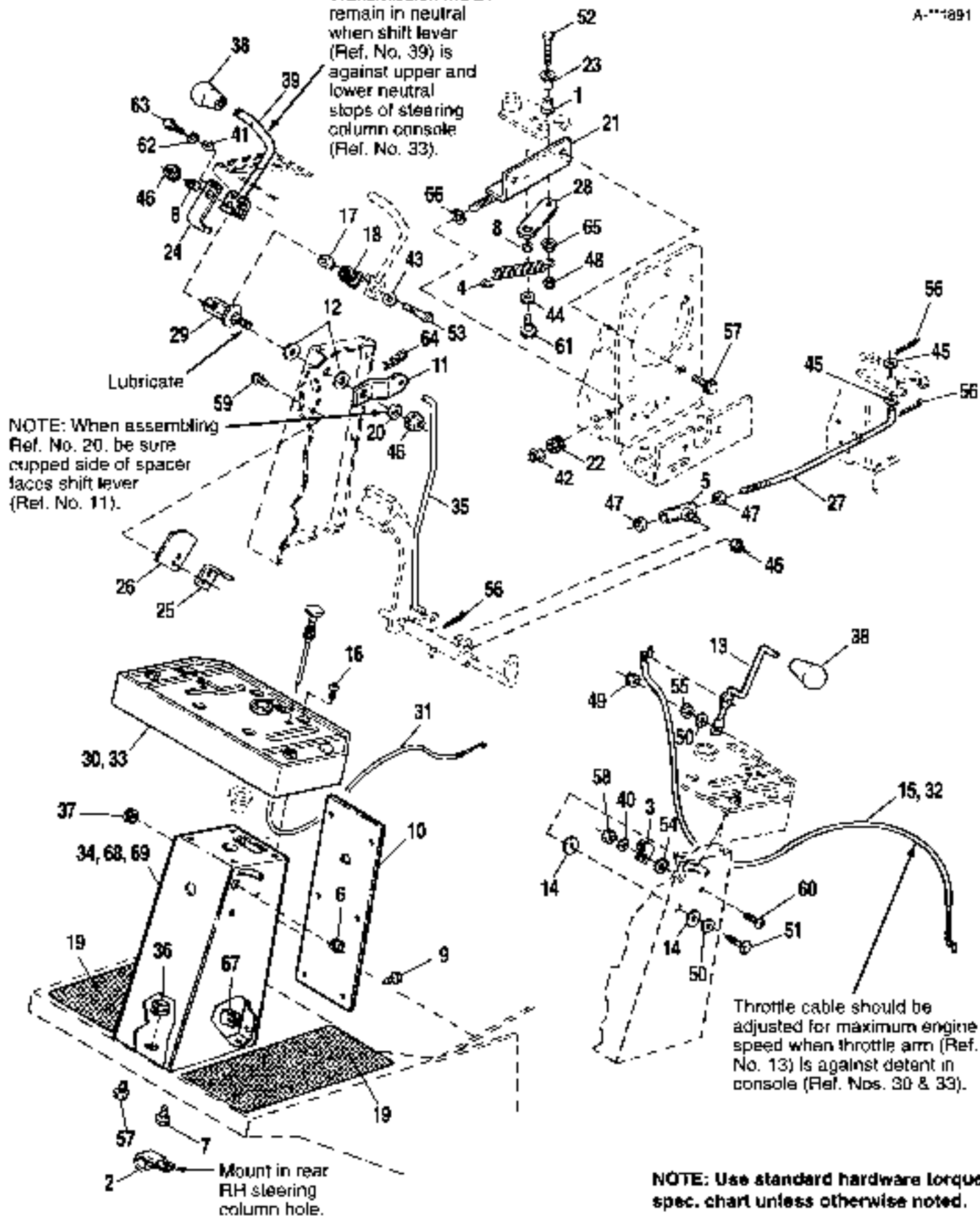


All Models

Seat & Deck

Ref. No.	Part No.	Qty.	Description
1	932724	2	RING, Retaining
2	1666690	2	SPRING, Seat
3	1666691	2	COVER, Spring
4	1675044	4	RIVET, Seat Latch
5	1685624	2	LATCH, Seat, Pull Tight
6	1701559	2	HINGE, Upper, Seat
7	1701560	4	HINGE, Seat
8	1702158	1	MOLDING, Deck
9	1702722	2	SPRING, Latch
10	1703530	1	ROD, Seat Deck
11	1703533	1	LATCH, Seat
12	1705060	1	DECK, Seat, Orange
13	1713839	1	SEAT (Incl. Ref. No. 14)
14	1714482	1	COVER, Seat
15	1919326	12	WASHER, Flat, 5/16
16	1919439	2	NUT, Hex, ESNA, Lock, 3/8-16
17	1921319	1	WASHER, 1/4
18	1921332	8	CAPSCREW, 5/16-18 x 3/4
19	1921960	1	CAPSCREW, 1/4-20 x 1-1/4
20	1923358	2	NUT, Hex Centerlock, 1/4-20
21	1923701	2	CAPSCREW, 3/8-16 x 2
22	1924856	2	SCREW, Taplike, 5/16-18 x 1/2
23	1931277	8	NUT, Hex, Whizlock, 5/16-18
24	1960151	2	WASHER, 1/4 x 1-1/4
25	1960282	4	CARRIAGE BOLT, 5/16-18 x 3/4
26	41705060	1	DECK, Seat, Red
27	71705060	1	DECK, Seat, Green

Transmission MUST remain in neutral when shift lever (Ref. No. 39) is against upper and lower neutral stops of steering column console (Ref. No. 33).



All Models

Console & Controls

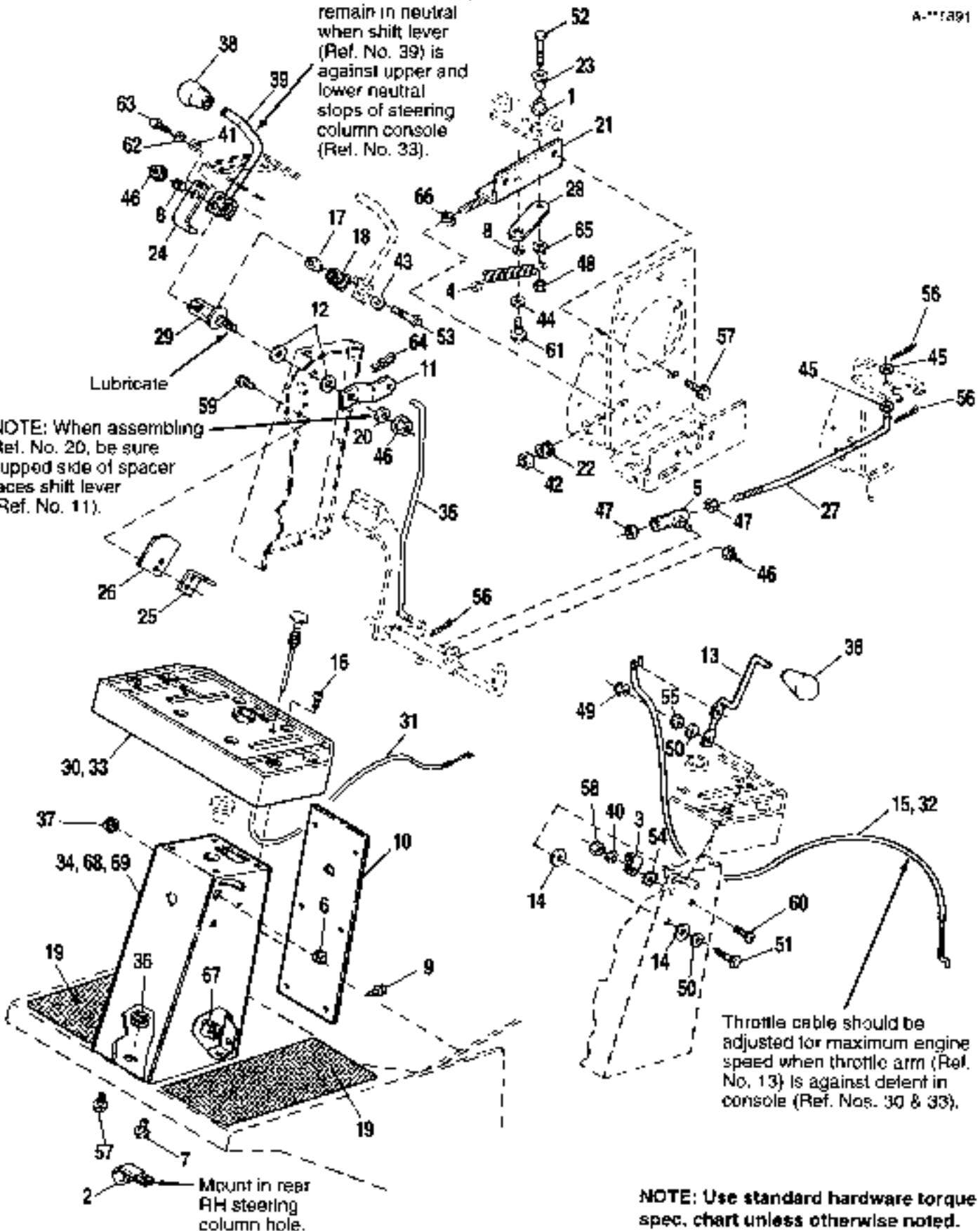
Ref. No.	Part No.	Qty.	Description
1	118273	1	BUSHING, Nylon
2	122186	1	CLAMP
3	158475	1	CLIP
4	159159	1	SPRING, Extension
5	164094	1	ROD, Guide
6	172176	1	GROMMET
7	1664847	1	SCREW, Taptite, 5/16-18 x 3/4
8	1665889	2	SPACER
9	1676860	6	SCREW, Hex, 1/4-14 x 5/8
10	1678245	1	PANEL, Steering Column
11	1678283	1	LEVER, Shift
12	1678360	2	WASHER, Nylon, 3/32 x 1
13	1678362	1	THROTTLE ARM
14	1678366	2	WASHER, Nylon
15	1678371	1	CABLE, Throttle (12 HP)
16	1678419	4	SCREW, Taptite, 1/4-20 x 3/4
17	1678425	1	SPACER
18	1678429	1	SPRING, Torsion
19	1678437	2	MAT, Foot
20	1700880	1	SPACER
21	1701108	1	BRACKET ASSY., Control
22	1701111	1	NUT, Adjusting
23	1701159	1	BUSHING
24	1701274	1	NEUTRAL SWITCH ARM
25	1701275	1	BRACKET, Switch
26	1701328	1	FLIPPER SWITCH (Plastic)
27	1701782	1	ROD, Control
28	1701792	1	ARM, Control
29	1702002	1	PIVOT, Shift
30	1703185	1	CONSOLE, Steering Column (12.5 & 16 HP)
31	1703191	1	CABLE, (12.5 HP & 16 HP Only)
32	1703192	1	CABLE, Throttle (12.5 & 16 HP)
33	1703294	1	CONSOLE, Steering Column (12 HP)
34	1703355	1	STEERING COLUMN ASSY., Orange
35	1703610	1	ROD, Control, Vertical
36	1704862	1	GROMMET
37	1705004	1	GROMMET
38	1713644	2	KNOB, Control
39	1714075	1	ROD ASSY., Shift
40	1810531	1	WASHER #10

Ref. Nos. 41 - 69 are on the following page.

Transmission **MUST** remain in neutral when shift lever (Ref. No. 39) is against upper and lower neutral stops of steering column console (Ref. No. 33).

Lubricate

NOTE: When assembling Ref. No. 20, be sure cupped side of spacer faces shift lever (Ref. No. 11).



Throttle cable should be adjusted for maximum engine speed when throttle arm (Ref. No. 13) is against detent in console (Ref. Nos. 30 & 33).

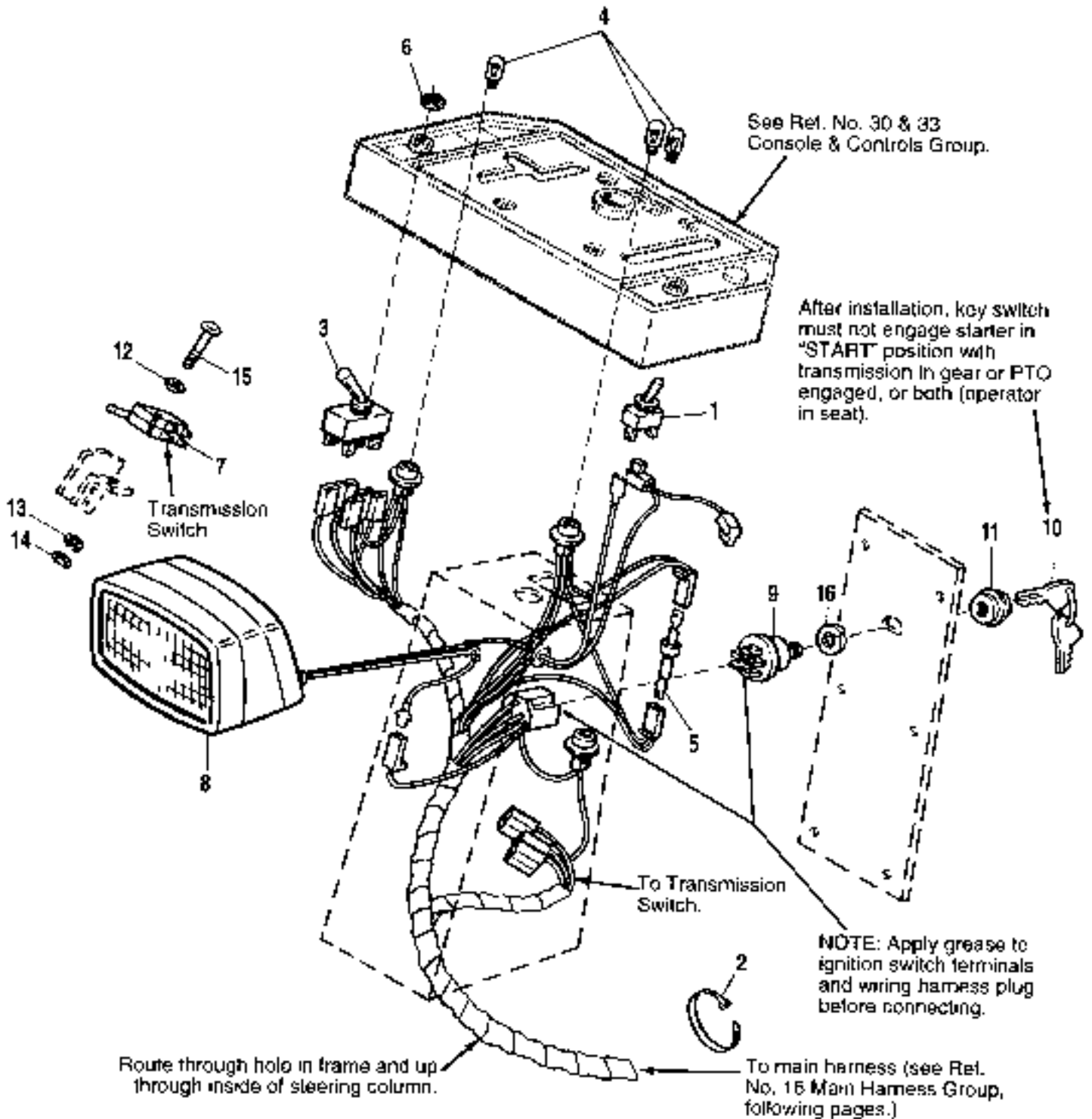
NOTE: Use standard hardware torque spec. chart unless otherwise noted.

All Models

Console & Controls Group

Ref. No.	Part No.	Qty.	Description
41	1917458	1	WASHER, Plain, #5
42	1918403	1	NUT, Hex, Jam, 3/8-24
43	1919326	1	WASHER, 5/16
44	1919326	1	WASHER, Plain
45	1919326	2	WASHER, Plain, 5/16
46	1919438	3	NUT, Hex, ESNA Lock, 5/16-18
47	1920263	2	NUT, Hex, 5/16-24
48	1920397	1	NUT, Hex, ESNA Lock, 1/4-20
49	1920397	1	NUT, Hex, ESNA Lock, 1/4-20
50	1921319	2	WASHER, Flat, 1/4
51	1921960	1	CAPSCREW, Hex, 1/4-20 x 1
52	1921962	1	CAPSCREW, Hex, 1/4-20 x 1-3/4
53	1921978	1	CAPSCREW, Hex, 5/16-18 x 2
54	1922711	1	LOCKWASHER, Ext. Tooth, #10
55	1923358	1	NUT, Hex, 1/4-20
56	1923360	3	PIN, Cotter
57	1924856	5	SCREW, Taplite, 5/16-18 x 1/2
58	1928919	1	NUT, #10-32
59	1930416	2	SCREW, Taplite, #10-32 x 3/8
60	1930531	2	SCREW, Rd. Hd., #10-32 x 1/2
61	1930601	1	SCREW, Taplite, 5/16-18 x 5/8
62	1930947	1	LOCKWASHER
63	1935944	1	SCREW, Taplite, #5-40 x 3/4
64	1960221	1	PIN, Quilck
65	1960294	1	NUT, Hex, Whizlock, 1/4-20
66	1960325	1	E-RING
67	1960523	6	SPEED NUT, "U" Type #14
68	41703355	1	STEERING COLUMN ASSY, Red
69	71703355	1	STEERING COLUMN ASSY, Green

Ref. Nos. 1 - 40 are shown on preceding page.

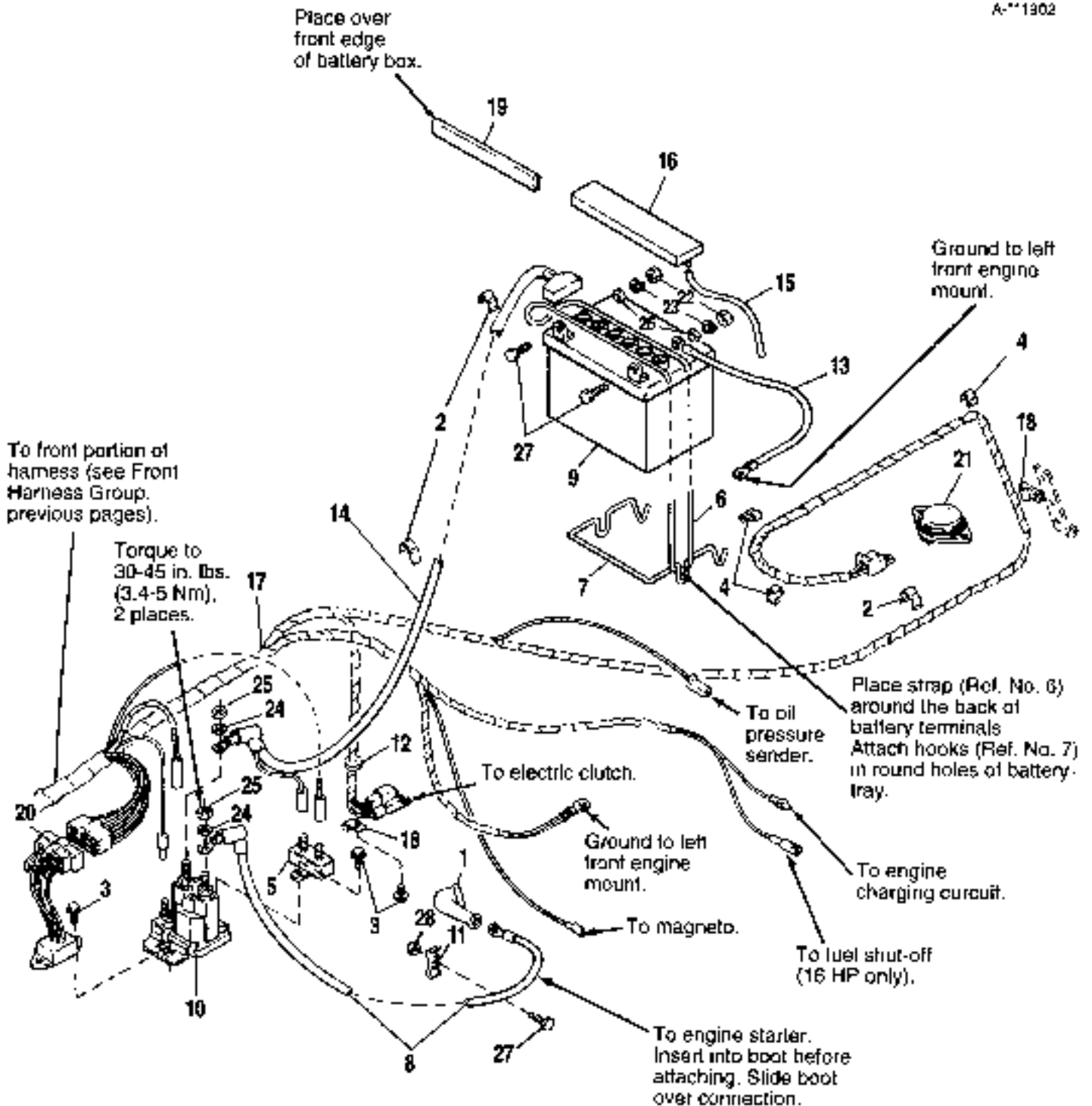


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

All Models

Electrical - Front Harness

Ref. No.	Part No.	Qty.	Description
1	122184	1	SWITCH, Toggle
2	932747	2	TIE, Cable
3	1675800	1	SWITCH ASSY. P.T.O. (Incl. Ref. No. 6)
4	1676130	2	LAMP, Indicator (Qty. 3 on 12.5 HP & 16 HP)
5	1677484	1	DIODE
6	1677663	1	NUT, Special
7	1679932	2	MICRO SWITCH, Tandem
8	1679954	1	HEADLIGHT ASSY.
9	1686637	1	IGNITION SWITCH ASSY. (Incl. Ref. Nos. 10 & 11)
10	1714054	1	KEY
11	1714055	1	NUT, Adapter
12	1917458	2	WASHER, #6
13	1930947	2	LOCKWASHER, #5
14	1931003	2	NUT, Hex, #5-40
15	1960014	2	SCREW, Round Hd., #5-40 x 1-1/2
16	1960547	1	LOCKWASHER, Internal Tooth, 5/8



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

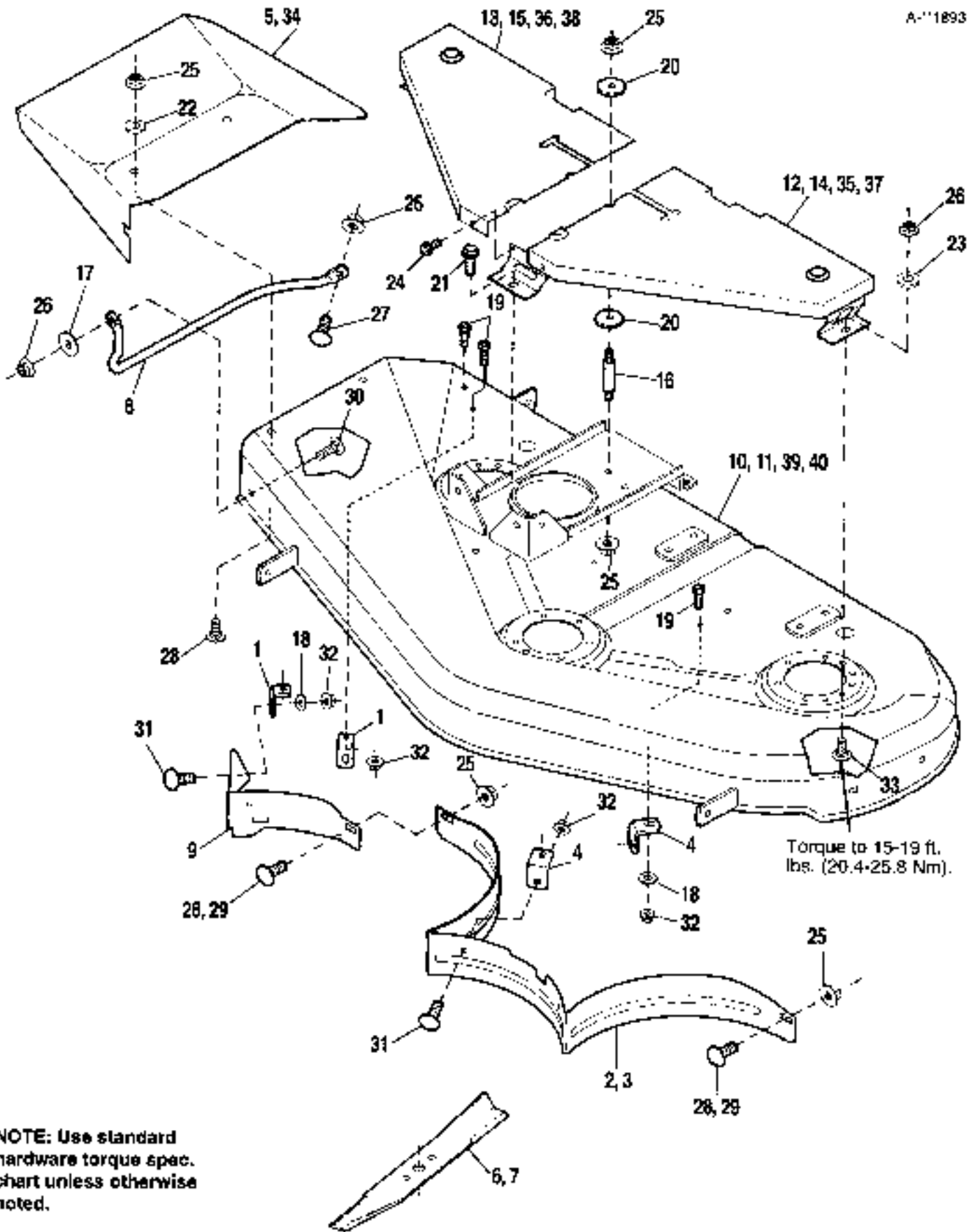
All Models

Electrical - Main Harness

Ref. No.	Part No.	Qty.	Description
1	122023	1	COVER, Terminal
2	172436	3	CLIP, Wire
3	925592	3	SCREW, Taptite, 1/4-20 x 3/4
4	930222	3	CLIP, Wire
5	1665238	1	CIRCUIT BREAKER
6	1665872	1	STRAP, Battery
7	1667805	1	BRACE, Battery Hold Down
8	1668819	1	CABLE ASSY., Starter
9	1685215	1	BATTERY, 12 Volt
10	1685290	1	SOLENOID
11	1701700	2	CLAMP
12	1703473	1	GROMMET
13	1703589	1	CABLE ASSY. (Battery to Ground)
14	1703851	1	CABLE ASSY. (Battery Positive)
15	1704389	1	HOSE, Drain, Battery
16	1704581	1	VENT CAP, Battery
17	1707756	1	WIRING HARNESS
18	1708008	3	CLAMP, Wire
19	1708247	1	MOLDING
20	1713642	1	MODULE, DSI, Interlock
21	1714320	1	SWITCH, Seat
22	1910622	2	NUT, Hex, 1/4-20
23	1916964	2	LOCKWASHER, 1/4
24	1917356	2	LOCKWASHER, 5/16
25	1920263	2	NUT, Hex, 5/16-24
26	1921319	2	WASHER, 1/4
27	1923341	4	CAPSCREW, Hex, 1/4-20 x 3/4
28	1960294	2	NUT, Hex, Whizlock, 1/4-20

42" & 48" Mower - Housing & Cover

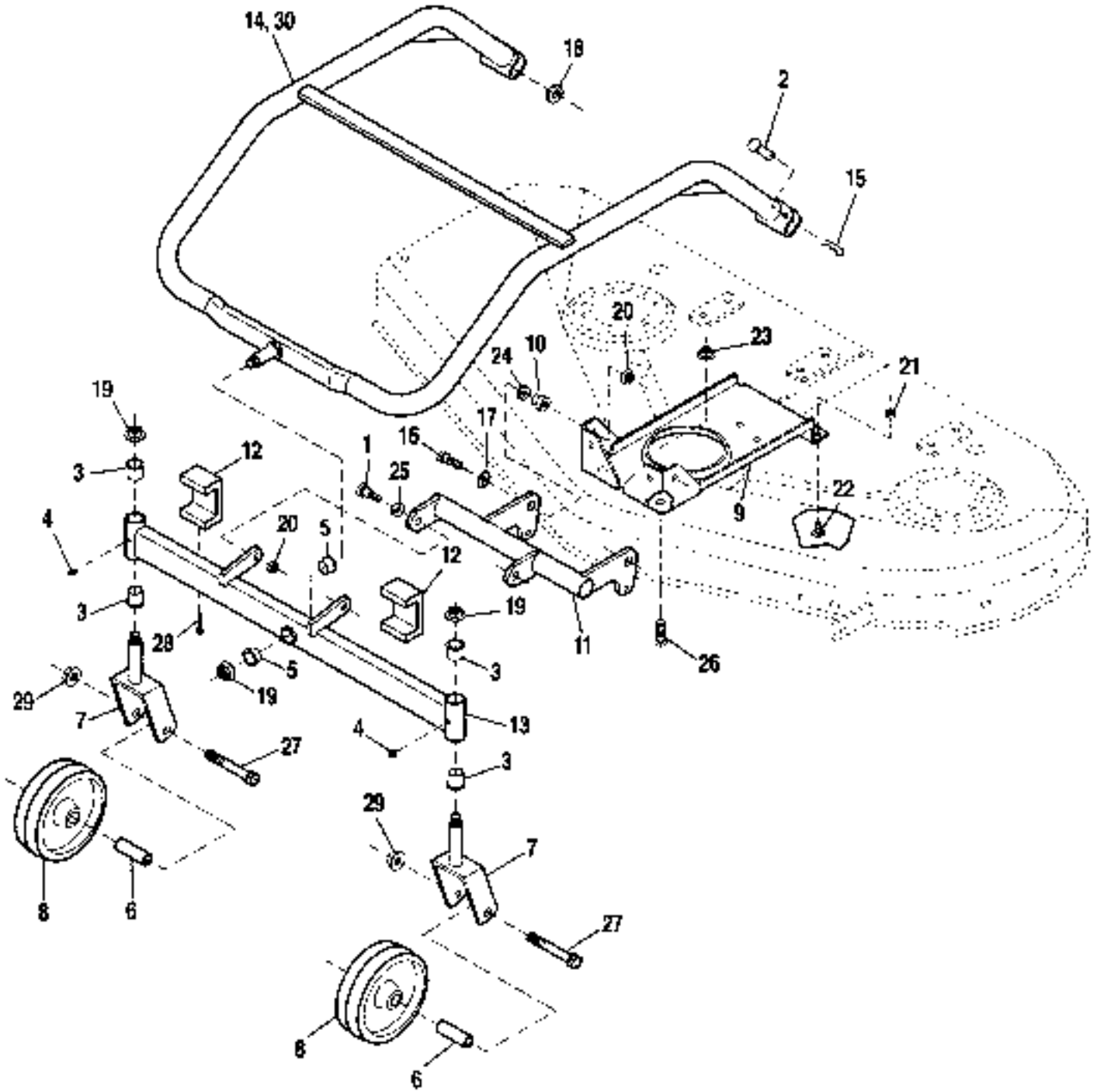
A-11893



Mfg. Nos. 1691662, 1691663, 1691665, 1691666, 1692119, 1692120

42" & 48" Mower - Housing & Cover

Ref. No.	Part No.	Qty.	Description
1	108186	2	CLIP, Baffle
2	1808135	1	BAFFLE, 42"
3	1608327	1	BAFFLE, 48"
4	1608331	2	CLIP, Baffle
5	1656049	1	DEFLECTOR, Orange
6	1656146	3	BLADE, 48"
7	1656147	3	BLADE, 42"
8	1665562	1	GUARD, Mower Discharge
9	1665709	1	BAFFLE, Discharge
10	1685397	1	HOUSING ASSY., 42", Orange
11	1685398	1	HOUSING ASSY., 48", Orange
12	1702191	1	COVER ASSY., Belt, LH, 48", Orange
13	1702192	1	COVER ASSY., Belt, RH, 48", Orange
14	1703127	1	COVER ASSY., Belt, LH, 42", Orange
15	1703159	1	COVER ASSY., Belt, RH, 42", Orange
16	1703301	1	STUD, Double Hex
17	1919381	1	WASHER, 5/16
18	1921319	4	WASHER, 1/4
19	1921959	4	CAPSCREW, Hex, 1/4-20 x 5/8
20	1924356	2	WASHER, 3/8
21	1924856	1	SCREW, Taptite, 5/16 x 1/2
22	1924940	2	WASHER, 3/8
23	1925125	2	WASHER, 3/8
24	1927426	1	SCREW, Taptite, 1/4-20 x 3/8
25	1931211	6	NUT, Hex, Whizlock, 3/8-16
26	1931277	4	NUT, Hex, Whizlock, 5/16-18
27	1931333	1	CARRIAGE BOLT, 5/16-18 x 3/4
28	1931346	4	CARRIAGE BOLT, 3/8-16 x 3/4 (Qty. 2 on 48")
29	1931350	2	CARRIAGE BOLT, 3/8-16 x 1, (48" deck only)
30	1960223	1	CARRIAGE BOLT, 5/16 x 1-1/4
31	1960252	4	CARRIAGE BOLT, 1/4-20 x 5/8
32	1960294	8	NUT, Hex, Whizlock, 1/4-20
33	1960373	2	SCREW, Taptite, 5/16-18 x 1
34	61656049	1	DEFLECTOR, Black
35	61702191	1	COVER ASSY., Belt, LH 48", Black
36	61702192	1	COVER ASSY., Belt, RH, 48", Black
37	61703127	1	COVER ASSY., Belt, LH 42", Black
38	61703159	1	COVER ASSY., Belt, RH, 42", Black
39	61685397	1	HOUSING ASSY., 42", Black
40	61685398	1	HOUSING ASSY., 48", Black

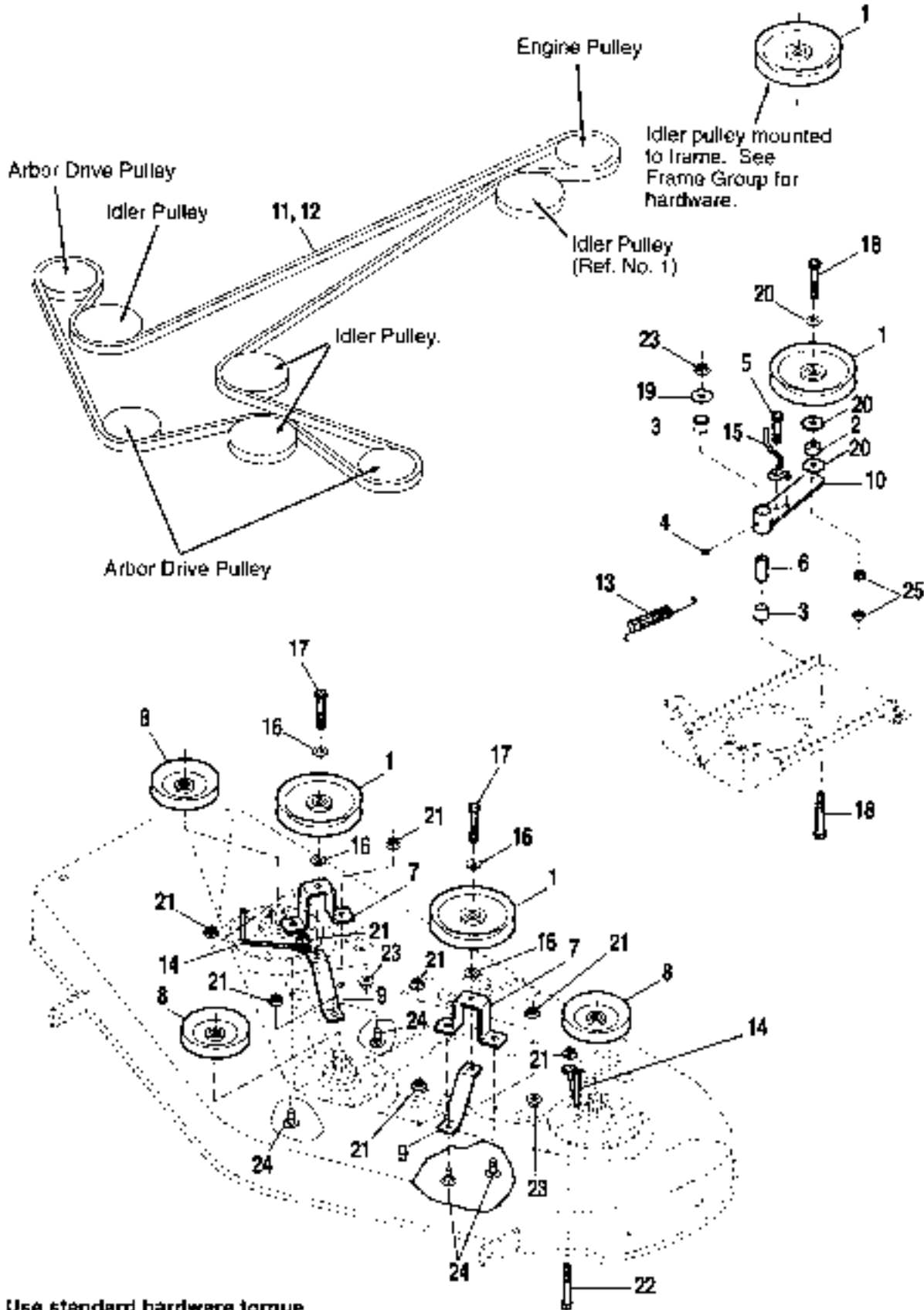


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Mfg. Nos. 1691662, 1691663, 1691665, 1691666, 1692119, 1692120**42" & 48" Mower - Support**

Ref. No.	Part No.	Qty.	Description
1	172622	2	BOLT, Shoulder, 3/8-16 x 1-1 1/32
2	174215	2	PIN, Hitch
3	176440	4	BUSHING
4	921133	2	FITTING, Grease, 1/4
5	1671737	2	BUSHING
6	1678304	2	SPACER
7	1665389	2	YOKE ASSY.
8	1702483	2	WHEEL
9	1703028	1	SUPPORT ASSY.
10	1703115	2	SPACER
11	1703724	1	ROCKER ARM ASSY.
12	1703763	2	BEARING, Black
13	1704458	1	AXLE ASSY., Mower (Incl. Ref. Nos. 12 & 26)
14	1705039	1	MOWER ARM ASSY., 42", Orange
15	1918196	2	PIN, Hair Pin
16	1921969	2	CAPSCREW, Hex, 3/8-16 x 1-1/2
17	1922755	2	WASHER, 3/8
18	1024366	2	WASHER, Plain
19	1930644	3	NUT, Centerlock, 1/2-13
20	1931211	4	NUT, Hex, Whizlock, 3/8-16
21	1931277	2	NUT, Hex, Whizlock, 5/16-18
22	1931333	2	CARRIAGE BOLT, 5/16-18 x 3/4
23	1935041	2	NUT, Whizlock, 7/16-14
24	1960020	2	WASHER, Plain
25	1960027	2	WASHER, Plain
26	1960043	2	CAPSCREW, Whizlock, 7/16-14 x 1
27	1960286	2	CAPSCREW, Hex, 1/2-13 x 3-1/2
28	1960365	2	SCREW, Self-Tapping
29	1960379	2	NUT, ESNA, Lock, 1/2-13 (Thin)
30	61705039	1	MOWER ARM ASSY., Black

A-111916



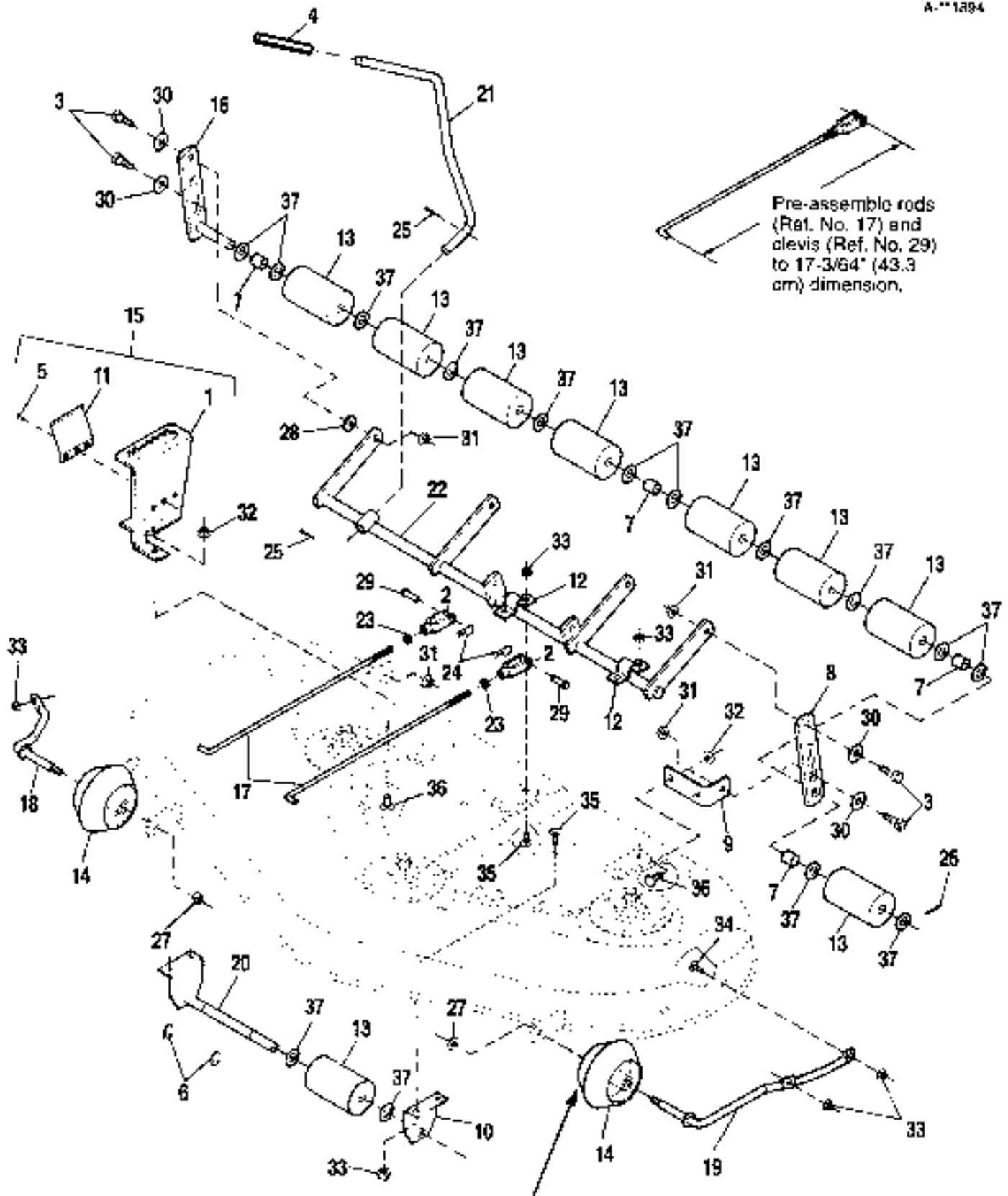
NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Mfg. Nos. 1691662, 1691663, 1691665, 1691666, 1692119, 1692120**42" & 48" Mower - Drive**

Ref. No.	Part No.	Qty.	Description
1	171247	4	PULLEY ASSY.
2	174870	1	SPACER
3	176444	2	BUSHING
4	921133	1	FITTING, Grease
5	1664847	1	SCREW, Taplite, 5/16-18 X 3/4
6	1669105	1	SPACER
7	1678240	2	SUPPORT, Idler
8	1678271	3	PULLEY ASSY., Arbor
9	1678412	2	BRACE
10	1703122	1	ARM ASSY., Clutch
11	1703371	1	BELT, Drive, 42"
12	1703372	1	BELT, Drive, 48"
13	1703801	1	SPRING
14	1704729	2	STOP, Belt
15	1704730	1	STOP, Belt
16	1919326	4	WASHER, 3/8
17	1921971	2	CAPSCREW, Hex, 3/8-16 x 1-3/4
18	1922130	2	CAPSCREW, 3/8-16 X 2-1/4
19	1922611	1	WASHER, 3/8
20	1924940	3	WASHER, 5/16
21	1927557	8	NUT, Flange, Whizlock, 5/16-18
22	1931202	2	CAPSCREW, Taplite, 5/16-18 x 1-1/4
23	1931211	3	NUT, Hex, Whizlock, 3/8-16
24	1931333	6	CARRIAGE BOLT, 5/16-18 x 3/4
25	1960251	2	NUT, Jam Lock, 3/8-16

42" Mower - Height Adjusting & Roller

A-11894



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

NOTE: Long end of hub mounts to bracket (both wheels).

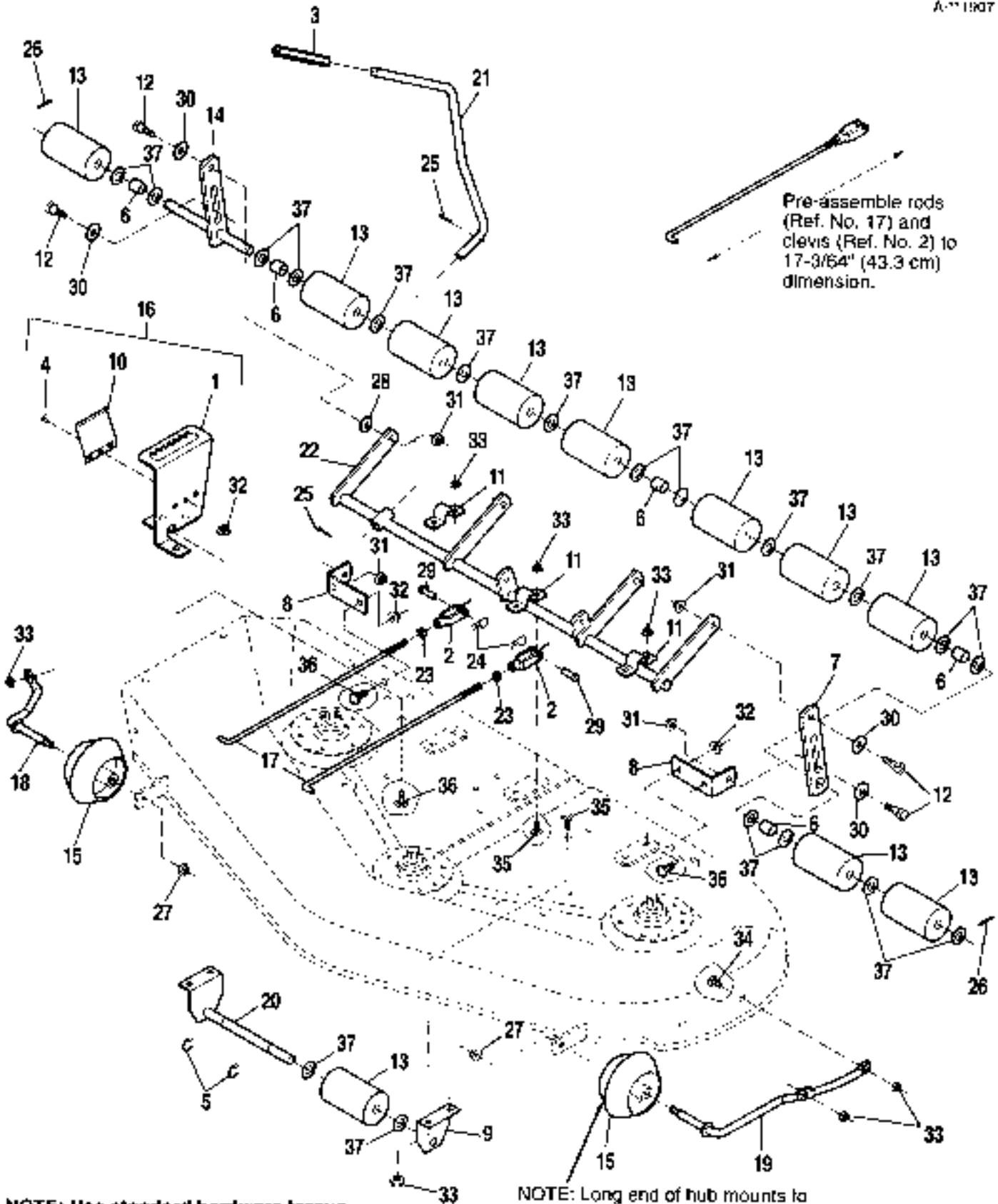
Mfg. Nos. 1691662, 1691665, 1692119

42" Mower - Height Adjusting & Roller

Ref. No.	Part No.	Qty.	Description
1		1	QUADRANT (See Ref. No. 15)
2	108157	2	CLEVIS, Adjusting
3	172622	4	BOLT, Shoulder, 3/8-16
4	176933	1	GRIP
5	910542	3	RIVET
6	927793	2	RING, Retaining
7	1602946	4	SPACER
8	1603263	1	BAR, Roller
9	1603264	1	BRACKET, Roller Support
10	1603269	1	BRACKET
11	1663222	1	SPRING
12	1665374	2	STRAP
13	1688513	9	ROLLER
14	1700184	2	WHEEL
15	1703034	1	QUADRANT ASSY. (Incl. Ref. Nos. 1, 5 & 11)
16	1703040	1	SHAFT ASSY, Roller
17	1703149	2	ROD, Adjusting
18	1703204	1	ROD ASSY., Roller, RH
19	1703206	1	ROD ASSY., Roller, LH
20	1703480	1	SHAFT ASSY.
21	1703532	1	LEVER, Control
22	1704670	1	ARM ASSY, Mower
23	1916950	2	NUT, Hex, 3/8-16
24	1918196	2	PIN, Quick
25	1918452	2	PIN, Cotter
26	1918458	1	PIN, Cotter
27	1919439	2	NUT, Hex, ESNA, Lock 3/8-16
28	1922755	1	WASHER, 3/8
29	1923087	2	PIN, Clevis
30	1924361	4	WASHER, 1/2
31	1928352	4	NUT, Whizlock, 3/8-16
32	1931211	5	NUT, Hex, Whizlock, 3/8-16
33	1931277	11	NUT, Hex, Whizlock, 5/16-18
34	1931332	2	CARRIAGE BOLT, 5/16-18 x 5/8
35	1931333	8	CARRIAGE BOLT, 5/16-18 x 3/4
36	1931348	5	CARRIAGE BOLT, 3/8-16 x 3/4
37	1960020	15	WASHER, 5/8

48" Mower - Height Adjusting & Roller

A-111907



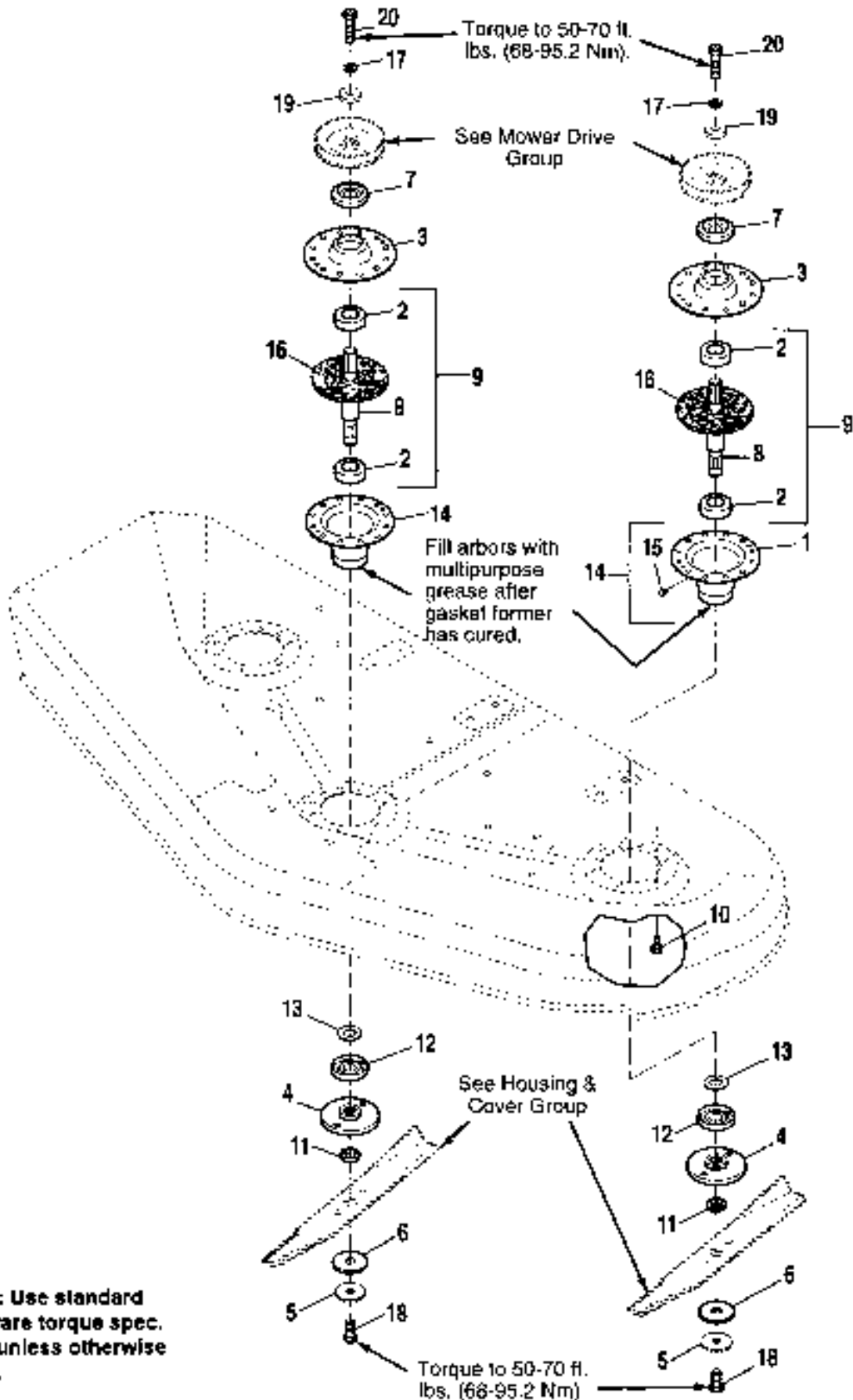
Pre-assemble rods (Ref. No. 17) and clevis (Ref. No. 2) to 17-3/64" (43.3 cm) dimension.

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

NOTE: Long end of hub mounts to bracket (both wheels).

48" Mower - Height Adjusting & Roller

Ref. No.	Part No.	Qty.	Description
1		1	QUADRANT (See Ref. No. 16)
2	108157	2	CLEVIS, Adjusting
3	176933	1	GRIP
4	910542	3	RIVET
5	927793	2	RETAINING RING
6	1602946	5	SPACER
7	1603263	1	BAR, Roller
8	1603264	2	BRACKET, Roller Support
9	1603269	1	BRACKET
10	1663222	1	SPRING
11	1665374	3	STRAP
12	1665693	4	BOLT, Shoulder, 3/8-16
13	1668513	11	ROLLER
14	1668716	1	SHAFT ASSY., Roller
15	1700184	2	WHEEL
16	1703034	1	QUADRANT ASSY. (Incl. Ref. Nos. 1, 4 & 10)
17	1703149	2	ROD, Adjusting
18	1703204	1	ROD ASSY., Roller, RH
19	1703206	1	ROD ASSY., Roller, LH
20	1703480	1	SHAFT ASSY.
21	1703532	1	LEVER, Control
22	1704870	1	ARM ASSY., Mower
23	1916950	2	NUT, Hex, 3/8-16
24	1918196	2	PIN, Quick
25	1918452	2	PIN, Cotter, 1/8 x 1
26	1918458	2	PIN, Cotter
27	1919439	2	NUT, Hex, ESNA, Lock, 3/8-16
28	1922755	1	WASHER, 3/8
29	1923087	2	PIN, Clevis
30	1924361	4	WASHER, 1/2
31	1928352	4	NUT, Whizlock, 3/8-16
32	1931211	6	NUT, Hex, Whizlock, 3/8-16
33	1931277	13	NUT, Hex, Whizlock, 5/16-18
34	1931332	2	CARRIAGE BOLT, 5/16-18 x 5/8
35	1931333	10	CARRIAGE BOLT, 5/16-18 x 3/4
36	1931348	6	CARRIAGE BOLT, 3/8-16 x 3/4
37	1960020	19	WASHER, 5/8

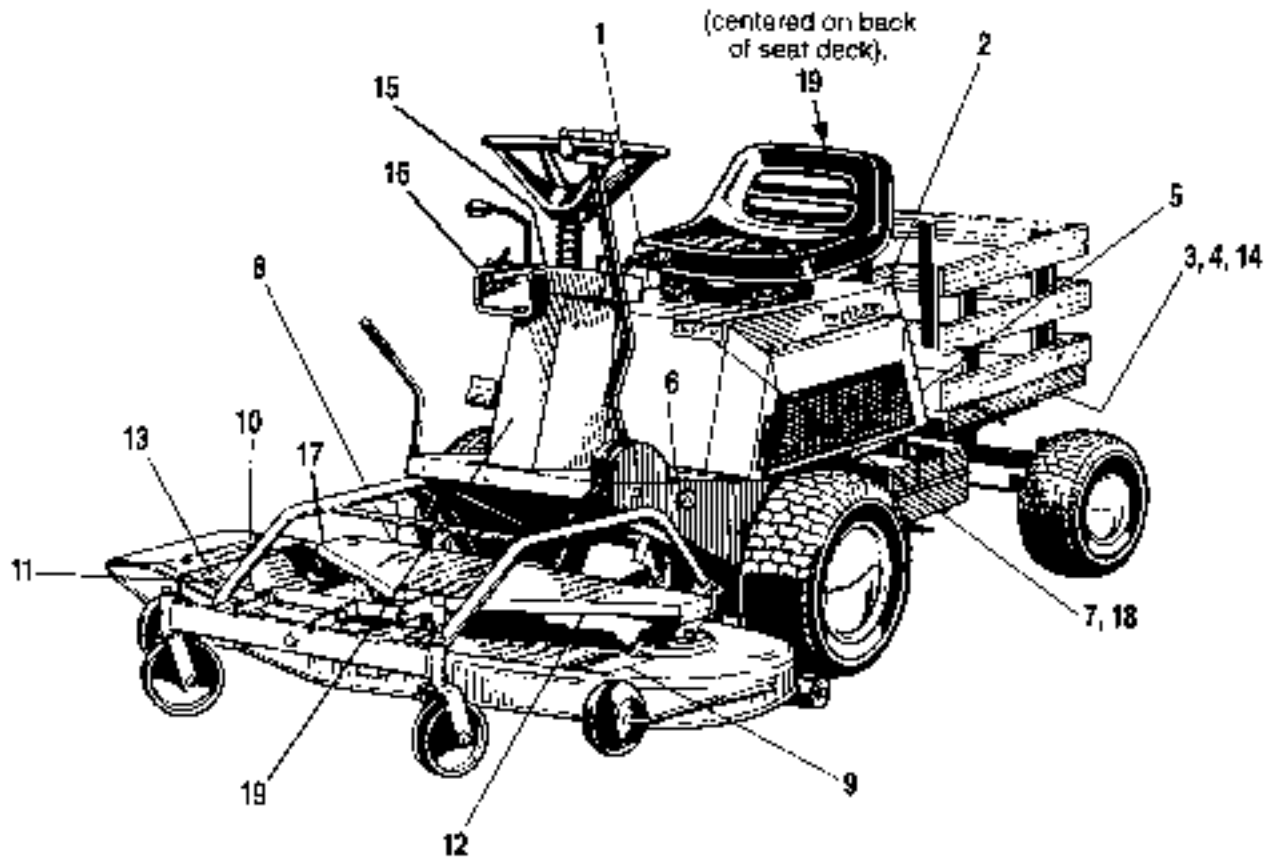


NOTE: Use standard hardware torque spec. chart unless otherwise noted.

Mfg. Nos. 1691662, 1691663, 1691665, 1691666, 1692119, 1692120

42" & 48" Mower - Arbors

Ref. No.	Part No.	Qty.	Description
1		3	HOUSING, Bottom (See Ref. No. 14)
2	108202	6	BEARING ASSY.
3	1655729	3	HOUSING, Top
4	1655777	3	ADAPTOR, Blade
5	1656916	3	WASHER, Spring
6	1656927	3	WASHER, Spine
7	1657970	3	SHIELD, Bearing, Upper
8	1685245	3	SHAFT, Arbor
9	1685251	3	SHAFT & BEARING ASSY. (Incl. Ref. Nos. 2 & 6)
10	1664847	14	SCREW, Tapite, 5/16-18 x 3/4
11	1672132	3	COLLAR, Mower Arbor
12	1700229	3	SHIELD, Grass
13	1700230	3	WASHER, Shim
14	1703273	3	HOUSING ASSY., Arbor Bottom (Incl. Ref. Nos. 1-15)
15	1704314	3	FITTING, Grease
16	1707335	3	GASKET, Foam
17	1918199	3	LOCKWASHER, 7/16
18	1923431	3	CAPSCREW, Hex, 7/16-14 x 1
19	1933263	3	WASHER, 7/16
20	1938723	3	CAPSCREW, Hex, 7/16-14 x 1-3/4



SAFETY DECALS



Ref. No. 4



Ref. No. 6



Ref. No. 9



Ref. No. 11

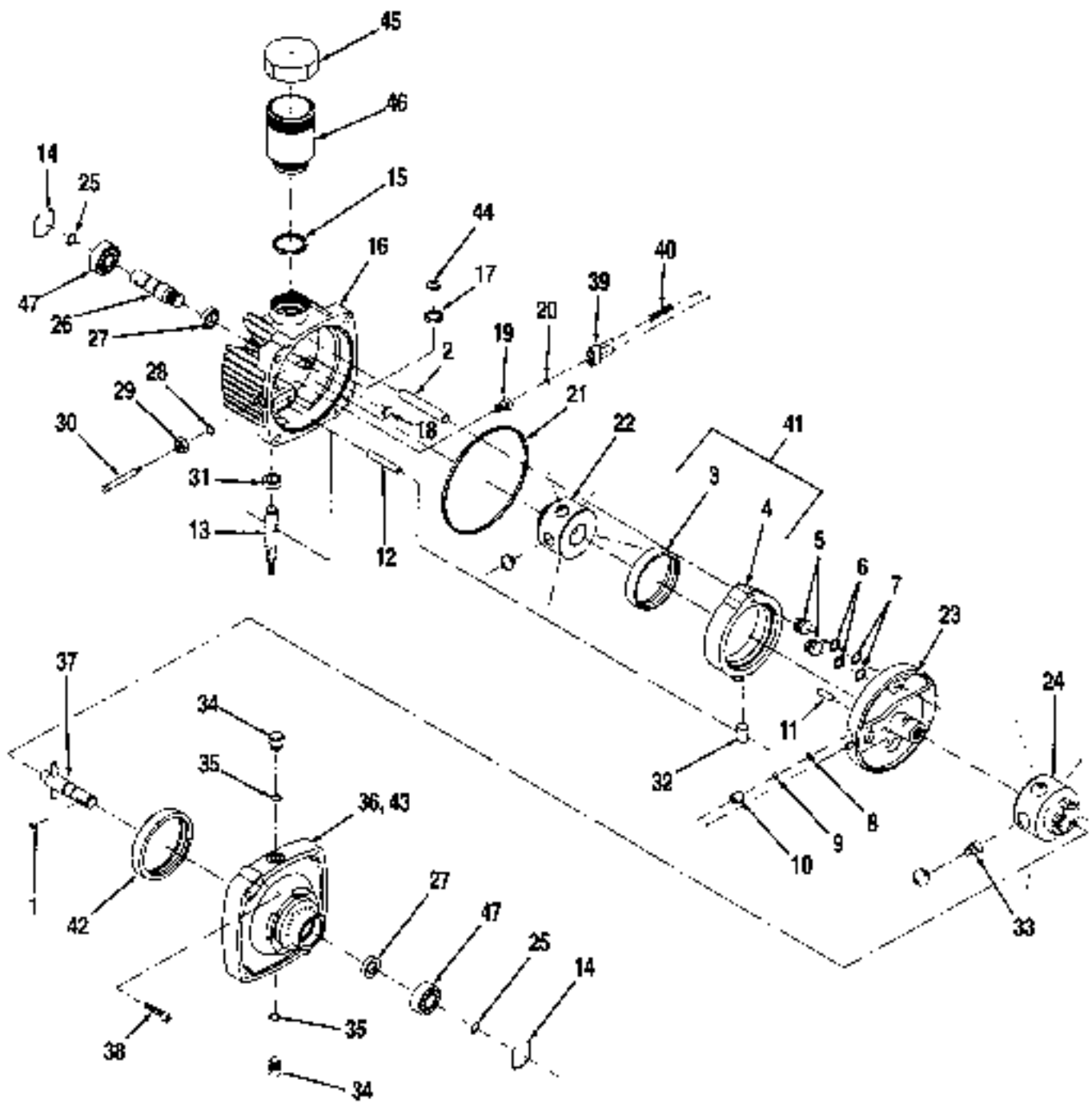
NO RIDERS

Not Shown

All Models

Decals

Ref. No.	Part No.	Qty.	Description
1	1708624	1	DECAL, Side, LH, 16 (Simplicity)
1	1708627	1	DECAL, Side, LH, 12.5 (Simplicity)
1	1708838	1	DECAL, Side, LH, 16 (AGCO)
1	1708843	1	DECAL, Side, LH, 12.5 (AGCO)
1	1713987	1	DECAL, Side, LH, 16 (Export)
1	1714421	1	DECAL, Side, LH, 16 (Massey Ferguson)
2	1708625	1	DECAL, Side, RH, 16 (Simplicity)
2	1708626	1	DECAL, Side, RH, 12.5 (Simplicity)
2	1708839	1	DECAL, Side, RH, 16 (AGCO)
2	1708844	1	DECAL, Side, RH, 12.5 (AGCO)
2	1713986	1	DECAL, Side, RH, 16 (Export)
2	1714420	1	DECAL, Side, RH, 16 (Massey Ferguson)
3	1708063	1	DECAL, Drive Belts
4	1704480	1	DECAL, Stability
5		1	TRACTOR I.D. PLATE (Not Serviced)
6	1708286	1	DECAL, Caution & Controls
7	1704187	1	DECAL, 12 FCH
8		1	MOWER I.D. PLATE (Not serviced)
9	1704276	1	DECAL, Danger
10		1	DECAL, OPEL (Not serviced)
11	1704277	1	DECAL, Danger
12	1709070	1	DECAL, Belt Layout (Under cover)
13	1704383	1	DECAL, 42"
13	1704384	1	DECAL, 48"
14	1709061	1	DECAL, Paint
15	1703995	1	DECAL, Instrument Panel
16	1703996	1	DECAL, Oil Pressure (12.5 HP & 16 HP)
17	1656855	1	DECAL, Mower Height
18	1713972	2	DECAL, Hydro 16 V-Twin (Export)
19	1714363	2	DECAL, Massey Ferguson
	Not Shown		
*	1677235	1	DECAL, Deutz-Allis (Located on back of seat)
*	1700805	1	DECAL, "No Riders" (Located on rear, upper right hand corner of seat deck.)
*	1704337	1	DECAL, Model Number, 16 (Deutz only)
*	1704807	1	DECAL, Oil Light (12 HP)
*	1707282	1	DECAL, (Deutz only, located front of seat deck)



All Models

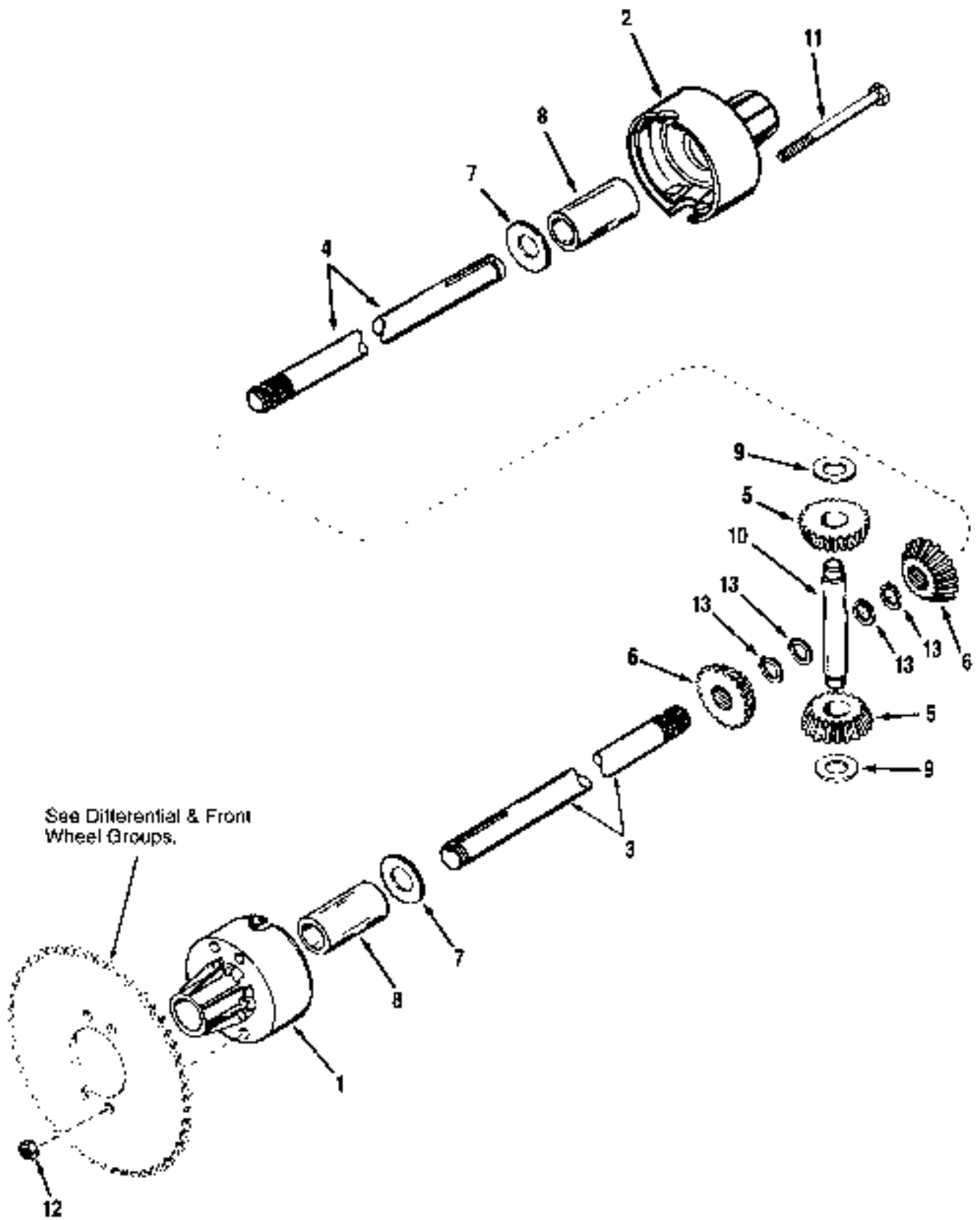
Hydro Pump Service Parts

Ref. No.	Part No.	Qty.	Description
1		1	KEY, Woodruff (See Page 16, Ref. No. 3)
2	*	1	DOWEL, Pivotal Pin (Incl. in Ref. No. 16)
3	*	1	PUMP RACE (Incl. in Ref. No. 41)
4	*	1	RING, Cam (Incl. in Ref. No. 41)
5	*	2	PISTON (Incl. in Ref. No. 23)
6	*	2	RING, Back-Up (Incl. in Ref. No. 23)
7	*	2	O-RING (Included in Ref. No. 23)
8	*	2	RING, Retaining (Incl. in Ref. No. 23)
9	*	2	BALL, Grade 200, 5/16 Dia. (Incl. in Ref. No. 23)
10	*	2	VALVE BODY, Check (Incl. in Ref. No. 23)
11	*	1	PIN, Coil (5/16 x 3/4) (Incl. in Ref. No. 23)
12	*	1	DOWEL (3/8 x 1-3/4) (Incl. in Ref. No. 16)
13	*	1	SHAFT, Control (Incl. in Ref. No. 16)
14	927695	2	RING, Retaining
15	1671282**	1	SEAL RING, Square Cut
16	1671283	1	COVER, Service Kit (Incl. Ref. Nos. 12, 13, 17, 27, 31 & 44)
17	1671284	1	WASHER, Control Shaft
18	1671285	1	BUTTON
19	1671286	1	FITTING GUIDE, O-Ring, S.A.
20	1671287**	1	O-RING
21	1671288**	1	SEAL RING, Square Cut
22	1671289	1	PUMP ROTOR, Ball, Sub-Assy.
23	1671290	1	PINTLE, Sub-Assy. (Incl. Ref. Nos. 5, 6, 7, 8, 9, 10 & 11)
24	1671291	1	MOTOR ROTOR, Ball, Sub-Assy. (Incl. Qty. 5 of Ref. No. 33)
25	1671293	2	RING, Snap
26	1671295	1	SHAFT, Input
27	1671296**	2	SEAL, Oil
28	1671297**	1	O-RING
29	1671298	1	NUT, Gasket, Sub-Assy.
30	1671299	1	SHAFT, Dump Valve
31	1671300	1	SEAL, Oil
32	1671301	1	CAM RING, Insert
33	1671302	5	SPRING, Piston
34	1671303	2	O-RING, Sub Assy.
35	1671304**	2	TUBE FITTING, O-Ring
36	1671305	1	BODY
37	1671309	1	OUTPUT SHAFT, Sub-Assy.
38	1671310	2	CAPSCREW, Socket Hd.
39	1671586	1	BRACKET, Pins, Sub-Assy.
40	1671587	2	SPRING, Valve
41	1671588	1	CAM RING, Sub-Assy. (Incl. Ref. Nos. 3 & 4)
42	1671589	1	MOTOR RACE
43	1671590	1	BODY, Sub-Assy. (Incl. Ref. Nos. 14, 25, 27, 36, 37, 42 & 47)
44	1671591	1	RING, External Retaining
45	1700049	1	RESERVOIR COVER, Sub-Assy.
46	1700050	1	RESERVOIR BODY, Sub-Assy. (Incl. Ref. Nos. 3 & 4)
47	1705897	2	BEARING, Ball (Input)

* Not serviced separately.

** Available in Replacement Seal Kit, part no. 1685260.

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



All Models

Differential Service Parts - Peerless Model 100-080

Ref. No.	Part No.	Qty.	Description
1	774344	1	HOUSING, Differential Carrier (Incl. Ref. No. 8)
2	774345	1	HOUSING, Differential Carrier (Incl. Ref. No. 8)
3	774979	1	AXLE, 20-3/16" Long
4	774980	1	AXLE, 8-1/32" Long
5	778068	2	GEAR, Pinion, 16 Tooth
6	778221	2	GEAR, Bevel, 16 Tooth
7	780001	2	WASHER
8	780077	2	BUSHING
9	780096	2	WASHER, Thrust
10	786040	1	PIN, Drive
11	792041	4	SCREW, Hex, Flanged Hd., 5/16-18 x 3-15/16
12	792042	4	NUT, Lock, 5/16-18
13	792125	4	RING, Snap (Pkg. of 2)

NOTE: See your local Tecumseh/Peerless distributor for service parts. Service, warranty and parts for Peerless products are not available through Simplicity.

INDEX

Part No.	Ref. No. & Page No.	Part No.	Ref. No. & Page No.	Part No.	Ref. No. & Page No.	Part No.	Ref. No. & Page No.
108157	2-45	792041	11-55	1650783	2-15	1668716	14-47
108157	2-47	792042	12-55	1655729	3-49	1668819	8-37
108166	1-27	792125	13-55	1655777	4-49	1668827	9-19
108186	1-39	910542	5-45	1655860	9-11	1669105	10-19
108202	2-23	910542	4-47	1656049	5-39	1669105	6-43
108202	2-49	916950	3-11	1656054	6-19	1670855	5-17
108717	1-5	916950	5-13	1656146	6-39	1671282	15-53
118273	1-31	916965	4-11	1656147	7-39	1671283	16-53
122023	1-37	916965	6-13	1656855	17-51	1671284	17-53
122184	1-35	920427	5-11	1656916	5-49	1671285	18-53
122186	2-31	920427	7-13	1656927	6-49	1671286	19-53
154117	1-25	921133	1-7	1657079	7-49	1671287	20-53
156475	3-31	921133	3-9	1663222	11-45	1671288	21-53
159159	4-31	921133	2-25	1663222	10-47	1671289	22-53
161080	1-19	921133	4-41	1664004	3-5	1671290	23-53
164094	5-31	921133	4-43	1664004	4-17	1671291	24-53
164247	3-23	925592	3-37	1664090	8-9	1671293	25-53
166017	2-19	927695	14-53	1664847	4-5	1671295	26-53
167032	1-17	927793	6-45	1664847	5-5	1671296	27-53
170135	2-27	927793	5-47	1664847	7-29	1671297	28-53
170397	2-5	930222	4-37	1664847	7-31	1671298	29-53
171247	1-43	930598	6-11	1664847	5-43	1671299	30-53
172176	6-31	930598	8-13	1664847	10-49	1671300	31-53
172353	1-9	930670	5-19	1664989	10-11	1671301	32-53
172353	4-23	930672	4-9	1665238	5-37	1671302	33-53
172436	2-37	932724	1-29	1665374	12-45	1671303	34-53
172454	3-19	932747	2-17	1665374	11-47	1671304	35-53
172622	1-11	932747	2-35	1665662	8-39	1671305	36-53
172622	3-45	960202	5-9	1665693	12-47	1671309	37-53
172844	2-11	960202	5-23	1665696	8-23	1671310	38-53
172844	4-13	960358	7-11	1665699	7-19	1671586	39-53
174215	2-41	960358	9-13	1665709	9-39	1671587	40-53
174870	2-43	960397	3-17	1665844	4-25	1671588	41-53
176440	2-9	1602946	7-45	1665872	6-37	1671589	42-53
176440	3-41	1602946	6-47	1665889	8-31	1671590	43-53
176444	4-19	1603263	8-45	1666690	2-29	1671591	44-53
176444	3-43	1603263	7-47	1666691	3-29	1671737	2-7
170933	4-45	1603264	9-45	1666804	11-11	1671737	5-41
176933	3-47	1603264	8-47	1667132	5-25	1672132	11-49
774344	1-55	1603269	10-45	1667341	8-19	1673333	9-9
774345	2-55	1603269	9-47	1607346	12-11	1673333	11-29
774979	3-55	1608135	2-39	1667346	10-13	1675044	4-29
774980	4-55	1608327	3-39	1667805	7-37	1675800	3-35
778068	5-55	1608331	4-39	1668185	6-25	1676130	4-35
778221	6-55	1611710	6-9	1668185	3-27	1676338	13-11
780001	7-55	1611710	7-9	1668295	9-23	1676338	11-13
780077	8-55	1611710	6-23	1668296	10-23	1676351	11-19
780096	9-55	1650347	3-25	1668513	13-45	1676860	9-31
786040	10-55	1650670	8-11	1668513	13-47	1677235	*-51

INDEX

Part No.	Ref. No. & Page No.	Part No.	Ref. No. & Page No.	Part No.	Ref. No. & Page No.	Part No.	Ref. No. & Page No.
1677484	5-35	1685398	11-39	1701785	21-19	1703206	19-47
1677663	8-35	1685485	17-11	1701792	28-31	1703228	11-7
1678057	12-19	1685485	14-13	1702002	29-31	1703273	14-49
1678228	10-9	1685525	→9	1702158	8-29	1703294	33-31
1678240	7-43	1685525	*-23	1702191	12-39	1703305	12-7
1678245	10-31	1685527	→9	1702192	13-39	1703308	8-5
1678271	8-43	1685527	*-23	1702385	5-7	1703309	9-5
1678279	7-25	1685537	*-9	1702483	8-41	1703310	10-5
1678283	11-31	1685537	*-23	1702507	6-15	1703355	34-31
1678304	6-41	1685624	5-29	1702508	7-15	1703360	11-5
1678306	14-11	1686837	9-35	1702509	8-15	1703371	11-43
1678313	11-9	1686651	4-7	1702606	13-9	1703372	12-43
1678320	3-15	1700049	45-53	1702607	14-9	1703375	16-25
1678327	8-25	1700050	46-53	1702722	9-29	1703391	16-39
1678328	9-25	1700114	14-25	1702778	15-9	1703473	12-37
1678333	12-9	1700164	18-11	1702779	16-9	1703480	20-45
1678333	13-19	1700184	14-45	1702784	6-7	1703480	20-47
1678337	4-27	1700184	15-47	1702786	7-7	1703522	12-5
1678340	10-25	1700220	12-49	1702870	8-7	1703530	10-29
1678341	11-25	1700230	13-49	1702962	19-11	1703532	22-45
1678360	12-31	1700307	6-17	1702962	15-13	1703532	21-47
1678362	13-31	1700309	14-19	1703009	9-7	1703533	11-29
1678366	14-31	1700629	15-19	1703028	9-41	1703589	13-37
1678371	15-31	1700640	16-19	1703034	15-45	1703720	22-11
1678380	4-15	1700690	7-17	1703034	16-47	1703720	18-13
1678381	3-7	1700795	8-17	1703040	16-45	1703724	11-41
1678408	12-23	1700805	*-51	1703074	20-11	1703760	19-13
1678409	12-25	1700814	9-17	1703074	16-13	1703763	12-41
1678412	9-43	1700880	20-31	1703100	15-25	1703773	20-13
1678419	16-31	1700976	17-19	1703107	21-11	1703774	13-5
1678424	5-5	1700996	18-19	1703107	17-13	1703775	14-5
1678425	17-31	1701108	21-31	1703112	10-7	1703777	15-5
1678429	18-31	1701111	22-31	1703115	10-41	1703801	13-43
1678437	19-31	1701112	14-23	1703122	10-43	1703805	5-27
1678447	13-23	1701159	23-31	1703127	14-39	1703810	35-31
1678456	5-15	1701174	19-19	1703149	17-45	1703821	21-13
1679101	15-11	1701175	20-19	1703149	17-47	1703851	14-37
1679101	12-13	1701219	10-17	1703159	15-39	1703900	17-25
1679104	16-11	1701220	11-17	1703172	17-9	1703906	22-13
1679104	13-13	1701221	12-17	1703175	18-9	1703954	21-9
1679357	13-25	1701274	24-31	1703178	19-9	1703956	23-13
1679932	7-35	1701275	25-31	1703180	7-5	1703964	22-9
1679954	8-35	1701328	26-31	1703185	30-31	1703995	15-51
1685215	9-37	1701467	13-17	1703191	31-31	1703996	16-51
1685245	8-49	1701559	6-29	1703192	32-31	1704038	6-27
1685251	9-49	1701560	7-29	1703203	20-9	1704163	7-27
1685290	10-37	1701700	11-37	1703204	18-45	1704173	16-5
1685389	7-41	1701772	15-23	1703204	18-47	1704175	8-27
1685397	10-39	1701782	27-31	1703206	19-45	1704187	7-51




INDEX

Part No.	Ref. No. & Page No.	Part No.	Ref. No. & Page No.	Part No.	Ref. No. & Page No.	Part No.	Ref. No. & Page No.
1704199	9-27	1707282	1-51	1714429	24-23	1919439	16-17
1704276	9-51	1707335	16-49	1714482	14-29	1919439	34-19
1704277	11-51	1707510	26-19	1714925	41-9	1919439	23-25
1704298	16-23	1707756	17-37	1714926	25-23	1919439	24-27
1704314	15-49	1708008	18-37	1910531	40-31	1919439	16-29
1704337	1-51	1708247	19-37	1916159	27-13	1919439	27-45
1704383	10-27	1708264	25-11	1916622	22-37	1919439	27-47
1704364	11-27	1708264	26-13	1910950	23-45	1920263	47-33
1704365	12-27	1708266	6-51	1916950	29-47	1920263	25-37
1704383	13-51	1708624	1-51	1916964	15-17	1920328	18-7
1704384	13-51	1708625	2-51	1916964	23-37	1920328	31-9
1704389	15-37	1708626	2-51	1916966	14-7	1920397	48-33
1704420	22-19	1708627	1-51	1917356	28-13	1920397	49-33
1704442	13-27	1708838	1-51	1917356	24-37	1920415	32-9
1704458	13-41	1708839	2-51	1917421	32-19	1920415	35-19
1704480	4-51	1708843	1-51	1917458	41-33	1921210	36-19
1704505	17-5	1708844	2-51	1917458	12-35	1921319	17-29
1704505	14-27	1709061	14-51	1918196	26-11	1921319	50-33
1704581	16-37	1709063	3-51	1918196	29-13	1921319	26-37
1704686	23-19	1709070	12-51	1918196	21-27	1921319	18-39
1704690	24-19	1709376	23-9	1918196	15-41	1921332	18-29
1704729	14-43	1709381	19-23	1918196	24-45	1921333	25-27
1704730	15-43	1713167	24-9	1918196	24-47	1921958	17-17
1704735	14-17	1713368	29-19	1918199	27-11	1921959	19-39
1704739	23-11	1713639	30-19	1918199	30-13	1921960	19-29
1704739	24-13	1713642	20-37	1918199	17-43	1921980	51-33
1704740	25-19	1713839	13-20	1918403	42-33	1921962	52-33
1704754	26-19	1713844	36-31	1918447	20-25	1921965	37-19
1704807	1-51	1713972	18-51	1918447	22-27	1921969	16-41
1704849	18-25	1713986	2-51	1918452	25-45	1921971	19-5
1704862	36-31	1713987	1-51	1918452	25-47	1921971	38-19
1704868	15-27	1713988	20-23	1918455	15-7	1921971	17-43
1704869	16-27	1713989	21-23	1918458	26-45	1921973	39-19
1704870	23-45	1713990	25-9	1918458	26-47	1921978	40-21
1704870	22-47	1713991	26-9	1919262	30-9	1921978	53-33
1704871	17-27	1714054	10-35	1919326	16-7	1922130	41-21
1704882	18-27	1714055	11-35	1919326	21-25	1922130	18-13
1704915	19-27	1714075	39-31	1919326	23-27	1922611	19-43
1705004	37-31	1714097	13-7	1919326	15-29	1922648	42-21
1705006	20-27	1714231	31-19	1919326	43-33	1922711	54-33
1705038	17-23	1714237	22-23	1919326	44-33	1922755	20-5
1705039	14-41	1714239	27-9	1919326	45-33	1922755	17-41
1705047	18-23	1714240	28-9	1919326	16-43	1922755	28-45
1705060	12-29	1714320	21-37	1919381	33-19	1922755	28-47
1705268	24-11	1714363	19-51	1919381	17-39	1923087	29-45
1705268	25-13	1714381	23-23	1919438	17-7	1923087	29-47
1705775	19-25	1714420	2-51	1919438	22-25	1923341	27-37
1705897	27-19	1714421	1-51	1919438	46-33	1923358	20-29
1705897	47-53	1714428	29-9	1919439	18-5	1923358	55-33

INDEX

Part No.	Ref. No. & Page No.	Part No.	Ref. No. & Page No.	Part No.	Ref. No. & Page No.	Part No.	Ref. No. & Page No.
1923360	24-25	1929477	29-27	1936723	20-49	41703308	26-5
1923360	56-33	1930416	59-33	1960014	15-35	41703355	68-33
1923431	18-49	1930531	60-33	1960020	24-41	41705060	26-29
1923701	21-29	1930591	31-11	1960020	37-45	61656049	34-39
1923903	18-17	1930591	34-13	1960020	37-47	61685397	39-39
1924356	20-39	1930601	61-33	1960027	25-41	61685398	40-39
1924359	26-27	1930644	36-9	1960043	26-41	61702191	35-39
1924361	27-27	1930644	19-41	1960093	32-27	61702192	36-39
1924361	30-45	1930645	48-21	1960110	23-17	61703127	37-39
1924361	30-47	1930651	37-9	1960112	9-15	61703159	38-39
1924366	18-41	1930947	62-33	1960114	28-23	61705039	30-41
1924856	21-5	1930947	13-35	1960151	35-13	71703308	27-5
1924856	28-11	1931003	14-35	1960151	24-17	71703355	69-33
1924856	31-13	1931202	22-43	1960151	24-29	71705060	27-29
1924856	19-17	1931211	49-21	1960170	24-7		
1924856	43-21	1931211	30-27	1960170	38-9		
1924856	26-23	1931211	25-39	1960170	28-25		
1924856	25-25	1931211	20-41	1960221	64-33		
1924856	22-29	1931211	23-43	1960223	30-39		
1924856	57-33	1931211	32-45	1960251	25-43		
1924856	21-39	1931211	32-47	1960252	31-39		
1924940	22-5	1931277	25-5	1960260	29-25		
1924940	23-5	1931277	21-7	1960282	25-29		
1924940	33-9	1931277	32-11	1960286	30-25		
1924940	29-11	1931277	50-21	1960286	27-41		
1924940	32-13	1931277	27-23	1960294	33-11		
1924940	20-17	1931277	23-29	1960294	36-13		
1924940	44-21	1931277	26-99	1960294	65-33		
1924940	26-25	1931277	21-41	1960294	28-37		
1924940	28-27	1931277	33-45	1960294	32-39		
1924940	22-39	1931277	38-47	1960310	25-17		
1924940	20-43	1931332	34-45	1960310	51-21		
1925003	21-17	1931332	34-47	1960325	66-33		
1925125	23-39	1931333	26-5	1960328	52-21		
1925205	45-21	1931333	22-7	1960348	26-17		
1925690	19-7	1931333	27-39	1960351	34-11		
1926158	34-9	1931333	22-41	1960351	37-13		
1927428	24-39	1931333	24-43	1960365	28-41		
1927429	30-11	1931333	35-45	1960373	33-39		
1927429	33-13	1931333	35-47	1960378	39-9		
1927469	20-7	1931348	28-39	1960379	25-7		
1927557	21-43	1931348	36-45	1960379	40-9		
1928352	22-17	1931348	36-47	1960379	31-25		
1928352	46-21	1931350	29-39	1960379	29-41		
1928352	31-45	1933260	23-7	1960521	33-27		
1928352	31-47	1933263	19-49	1960523	67-33		
1928635	24-5	1935041	23-41	1960527	53-19		
1928729	47-21	1935048	27-25	1960540	26-7		
1928804	35-9	1935048	31-27	1960547	15-35		
1928919	58-33	1935944	63-33	8221042	29-23		

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

SIZE	SAE GRADE #2 		SAE GRADE #5 		SAE GRADE #8 	
	<u>in/lbs</u> ft/lbs	Nm.	<u>in/lbs</u> ft/lbs	Nm.	<u>in/lbs</u> 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	386	525
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

1. 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.
2. Recommended seating torque values for locknuts:
 - a. for prevailing torque locknuts - use 65% of grade 5 torques.
 - b. for flange whizlock nuts and screws - use 135% of grade 5 torques.
3. Unless otherwise noted on assembly drawings, all torque values must meet this specification.

AGCO ALLIS

**Outdoor Power
Equipment**

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