

BROADMOOR & 12.5 & 16 LT SERIES

12.5H Broadmoor/12.5 LTH

Mfg. No. 1692073

Mfg. No. 1692105

12.5G Broadmoor/12.5 LTG

Mfg. No. 1691891

14H Broadmoor

Mfg. No. 1692182

16H Broadmoor/16 LTH

Mfg. No. 1692071

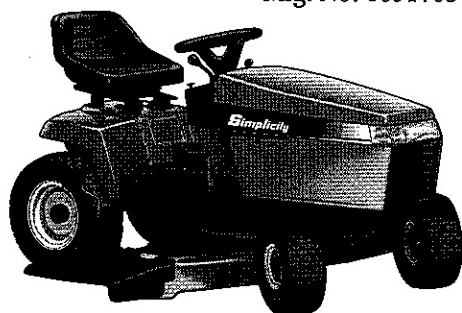
Mfg. No. 1692106

38" Mower

Mfg. No. 1691704

44" Mower

Mfg. No. 1691705



PARTS MANUAL

Product Identification:

When ordering parts, keep your products serial number and manufacturer's number in mind. Variations may occur in a part between early & later model products, causing the product serial number to be listed in the parts description whenever these variations occur. Record your I.D. numbers here for quick, future reference.

Product Mfg. No. _____ S/N _____ Mower Mfg. No. _____ S/N _____

Attention:

Standard torques appear in a chart at the end of the manual, while important individual torques are given on specific parts drawings. CRITICAL and MAJOR notations point out important facts or instructions which relate to personal safety and proper machine operation. Any CRITICAL notation **C** which may appear in this book, pinpoints characteristics which, if not properly followed, can create a safety hazard. Any MAJOR notation **M** which may appear in this book, marks characteristics which, if not properly followed, may result in operating failure, shortened product life, or greatly reduced quality of the unit. For your convenience, assembly notes are included in parts drawings to assist in repair and assembly of unit.

SIMPLICITY BRAND PRODUCTS

OILS - SPECIFICALLY BLENDED OF HIGH QUALITY BASE OILS & ADDITIVES.

Special Worm Gear Oil: Required for protection of brass gears and mating parts.

- **Cold Weather Worm Gear Oil** for snowthrowers with worm gear drive. 8 Oz. Bottle, Part #1704636, Case of 12-8 Oz. Bottles, Part #1685406.

Multi-Purpose Hydraulic/Transmission Oil for use in most hydraulic applications, and hydrostatic transmissions. Specific Simplicity applications: All hydrostatic transmissions, all bevel gear cases. Case of 12 Quarts, Part #1685516, 2-1/2 Gallon Container, Part #1685539.

SAE 5W-30 SF/CD Cold Weather Engine Oil for use in all four cycle and diesel engines at 30° temp. and under. Case of 12 quarts, Part #1685576.

SAE 15W-40 SF/CD Engine Oil for gas and diesel engines, warm weather; see engine manufacturer recommendations. Case of 12 quarts, Part #1685554.

SAE 30W SG/CC Detergent Engine Oil for use in four cycle lawn and garden engines at operating temp. of 32° and above. Also recommended for use in hydrostatic transmissions where 30W oil is specified. Case of 12 quarts, Part #1685659.

DEGREASER, DEGRIMER, PARTS CLEANER removes grease, oil, dirt and grime without harming paint or decals.

1 Quart w/Trigger Spray	1685619
1 Gallon Bottle	1685621
Extension Sprayer for	
Gallon Bottle	1685623

TOUCH-UP PAINT keeps equipment in showroom condition.

Spray Cans	Quarts	Daubers-12 Per Ctn.
<i>For Products Built After 8/1/89.</i>		
"Deep Orange" 13 Oz. Can 1685611 Case 12 Cans 1685614	1685612	1685616 Mixed 6 Deep Or., 6 White 1/2 Oz. Bottles
"Gloss Black" 13 Oz. Can 1685639 Case 12 Cans 1685640	1685641	N/A
"White" 13 Oz. Can 103049 Case 12 Cans 1685178	1685032	See Above

Consult decal on equipment for proper color.

AVAILABLE ACCESSORIES:

DESIGNER SEAT COVERS are double stitched, easy care vinyl. Keeps new seats new, makes worn seats look new.

Small Seat Cover w/Pocket, Part #1685540. Fits all Rear Engine Riders, FC, RT Series Tractors.

Large Seat Cover w/Pocket, Part #1685541. Fits all 12.5 & 16 LT and GT Series Tractors.

Seat Cover, Part #1685577. Fits all 18 & 20 GTH Tractors.

PNEUMATIC TIRE SEAL seals all leaks including bead leaks and punctures up to 3/16 inch diameters. Prevents flats for tread life of tire. Available in following amounts.

Case of 12 -11 Oz. Tubes	1685537
Case of 24 -11 Oz. Tubes	1685525
5 Gallon Pail	1685527

HOUR METER KIT, Part #1685535.

GREASE GUN KIT has 12" flexible hose to get into tight spots with ease. Kit contains: gun and 1-8 Oz. tube of grease. Part #1685510. For replacement tube, order Part #103077.

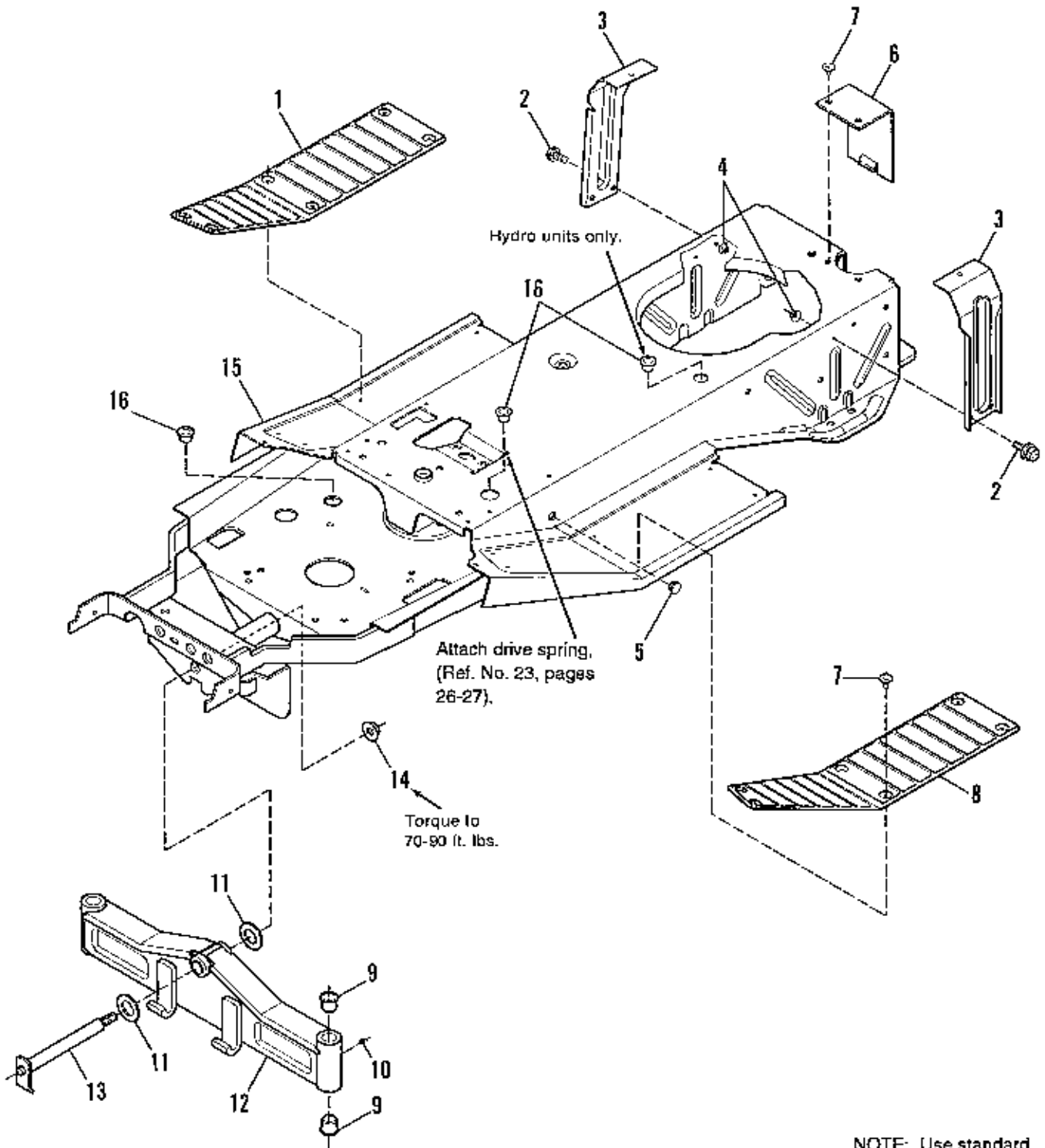
CHROME "Moon" Hubcaps

4" Rim	163114
6" Rim	156210
8" Rim	156211
10" Rim	1667782
12" Rim	154505

Extend Equipment Life - Use Only Genuine Simplicity Parts & Accessories
Available at Your Local Simplicity Dealer

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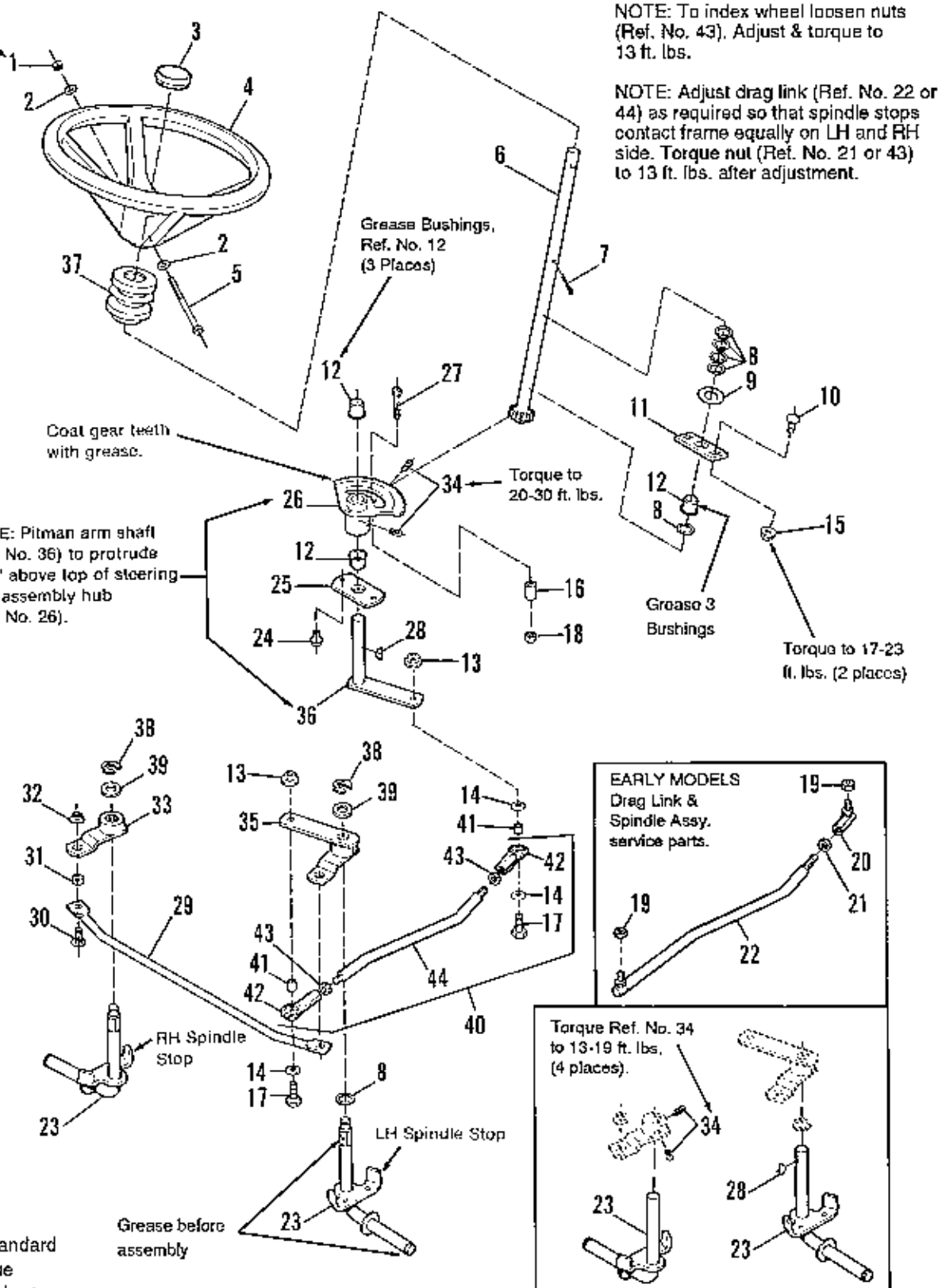


NOTE: Use standard hardware torque specifications chart unless otherwise noted.

Frame & Front Axle Group

Ref. No.	Part No.	Qty.	Description
1	1704310	1	PAD, Footrest, R.H.
2	1934654	4	CAPSCREW, Hex, Flange, Whizlock, 3/8-16 x 1
3	1703968	2	SUPPORT, Seat
4	1919439	4	NUT, Hex, Esna Lock, 3/8-16
5	1707488	1	PLUG
6	1708046	1	COVER, Rear (Gear Only)
7	1704351	14	FASTENER, Panel (Qty. 12 on Hydro)
8	1704311	1	PAD, Footrest, L.H.
9	176440	4	BUSHING
10	1704314	2	GREASE, Fitting
11	1704153	2	WASHER, Special
12	1703475	1	AXLE ASSY., Front
13	1704150	1	AXLE PIVOT ASSY.
14	1960270	1	NUT, Hex, Full, Lock, 3/4-16
15	1708402	1	FRAME ASSY.
16	1705921	1	BUSHING, Snap

**2309

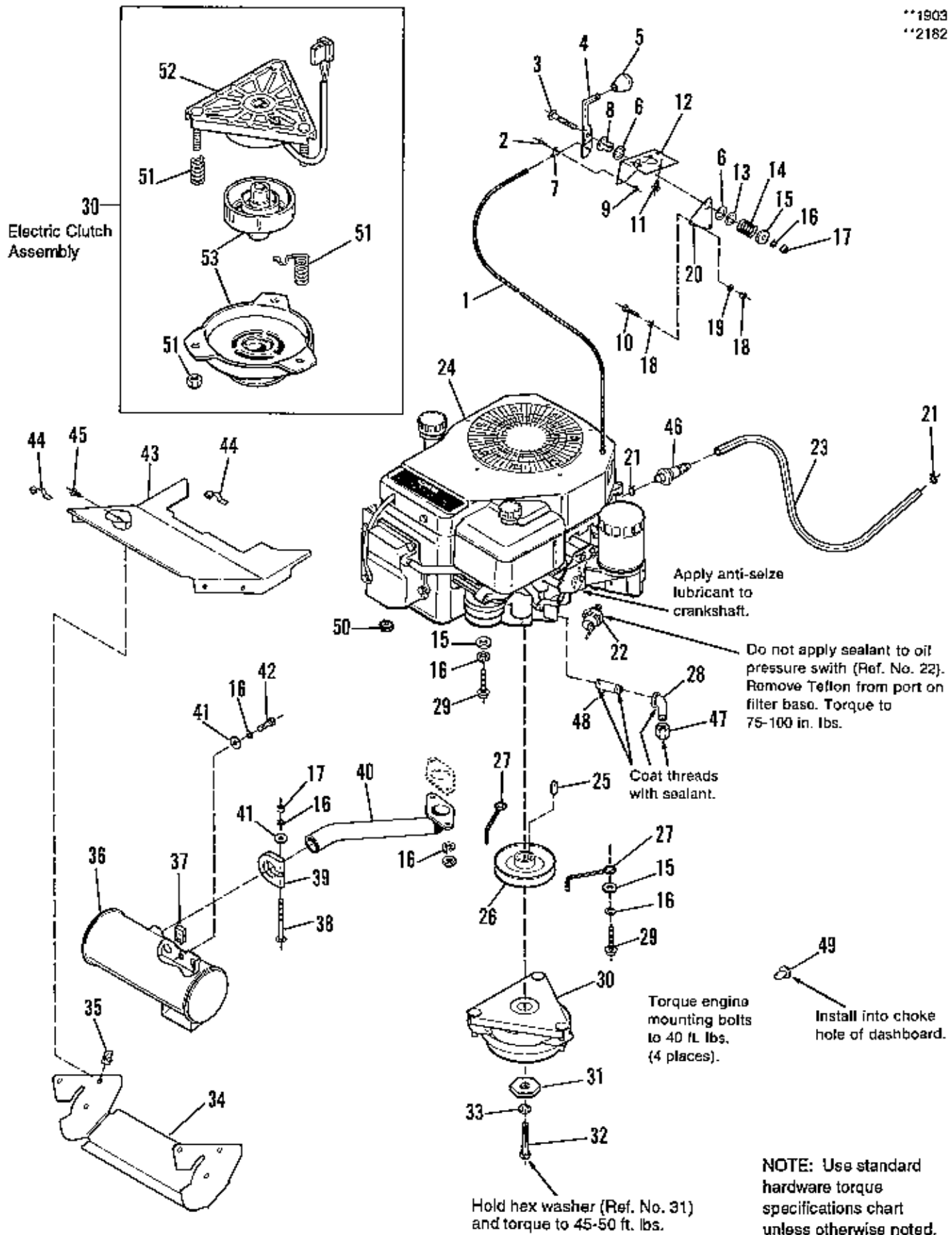
Torque to
10 ft. lbs.

Ref. No.	Part No.	Qty.	Description
1	1923362	1	NUT, Hex, Lock, 5/16-18
2	1919326	2	WASHER, Steering Wheel
3	1857017	1	CAP, Steering Wheel
4	1701197	1	STEERING WHEEL
5	1925690	1	CAPSCREW, 5/16-18 x 3-1/2
6	* 1703506	1	SHAFT ASSY., Steering
	** 1707321	1	SHAFT ASSY., Steering
7	1919314	1	COTTER PIN
8	1960114	7	WASHER, Plain, 49/64"
9	173668	1	WASHER, Plain
10	1931350	2	CARRIAGE BOLT, 3/8-16 x 1
11	1703508	1	PLATE, Mounting, Steering
12	176440	3	BUSHING, Nylon
13	1930645	2	NUT, Hex, Flange, 3/8-16
14	1922755	3	WASHER
15	1928352	2	NUT, Hex, Flange, 3/8-16, Whizlock
16	1673796	1	SPACER, Stop
17	1921969	2	CAPSCREW, Hex Hd., 3/8-16 x 1-1/2
18	1919438	1	NUT, Hex, Lock ESNA, Light, 5/16-18
19	1668927	2	NUT, Special, 3/8-24
20	1669567	1	BALL JOINT (Round)
21	1918403	1	NUT, Jam, 3/8-24
22	1685478	1	DRAG LINK (service with Drag Link Assy., Ref. No. 40)
23	* 1703502	2	SPINDLE ASSY., Keyed
	** 1707450	2	SPINDLE ASSY., Splined
24	1960373	2	SCREW, Tapite, 5/16-18 x 1
25	1703813	1	SECTOR MOUNTING PLATE
26	1703513	1	GEAR ASSY., Steering
27	1921977	1	CAPSCREW, Hex, 5/16-18 x 1-1/4
28	* 930670	1	KEY, Hi Pro (Qty. 3 on Early Models. See inset page 4.)
29	1706956	1	TIE ROD
30	1931350	2	CARRIAGE BOLT, 3/8-16 x 1
31	1811705	2	SPACER
32	1930645	2	NUT, Hex, Lock, Flange, 3/8-16
33	* 1703498	1	ARM ASSY., Steering, R.H., Keyed
	** 1706996	1	ARM ASSY., Steering, R.H., Splined
34	* 1928721	2	SETSCREW, Sq. Hd., 5/16-18 x 1/2 (Qty. 6 on Early Models. See inset page 4.)
35	* 1703494	1	STEERING ARM ASSY., L.H., Keyed
	** 1706997	1	STEERING ARM ASSY., L.H., Splined
36	1703512	1	PITMAN ARM ASSY.
37	** 1707320	1	TUBE, Steering
38	** 1704420	2	KLIP RING, 5/8
39	** 1960020	2	WASHER
40	1685478	1	DRAG LINK ASSY. (Includes Ref. Nos. 13, 14, 17, 41-44)
41	1708236	2	SPACER
42	1702779	2	BALL JOINT (Flat)
43	1919262	2	NUT, Hex, Jam, 1/2-20
44	1708084	1	DRAG LINK

* Used on all Mfg. No. 1691891/1691893 before serial no. 3075.

** Used on all Mfg. No. 1691891/1691893 after serial no. 3074.

**1903
**2182

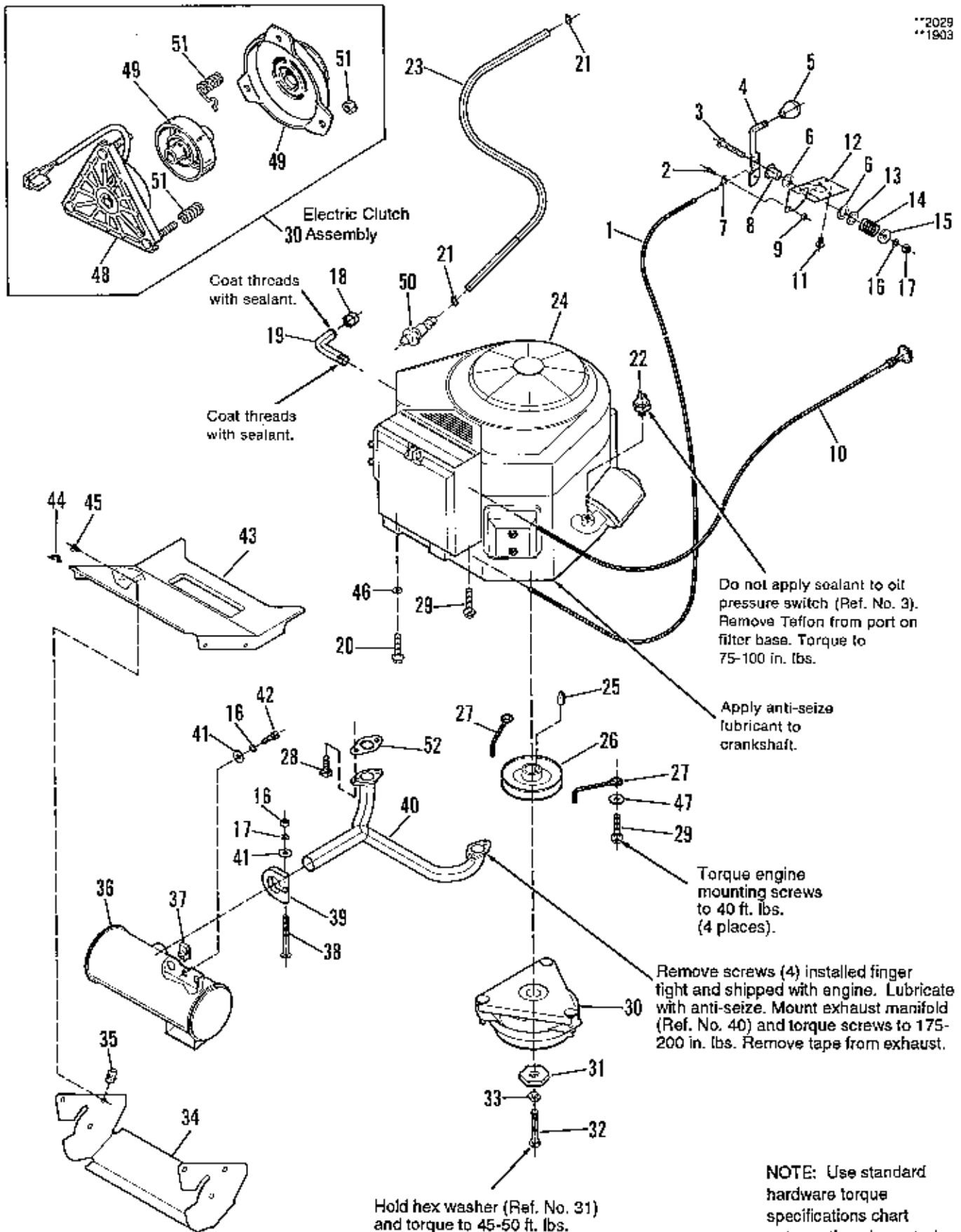


Engine & Electric Clutch Group (Single Cylinder, Kohler)

Ref. No.	Part No.	Qty.	Description
1	1663386	1	CABLE, Throttle
2	1930531	1	SCREW, Trusshead, 10-32 x 1/2
3	1931338	1	CARRIAGE BOLT, 5/16-18 x 1-3/4
4	1704334	1	HANDLE, Throttle
5	172038	1	KNOB, Throttle
6	980171	2	WASHER, Nylon
7	158475	1	CLIP, Bowden Wire
8	1704332	1	SPACER
9	1928919	1	NUT ASSY., 10-32
10	1921961	1	CAPSCREW, Hex, 1/4-20 x 1-1/4
11	1960256	3	SCREW, Plastite, 1/4-20 x 5/8
12	1704335	1	BRACKET, Throttle Mounting
13	101025	1	WASHER
14	162085	1	SPRING
15	1919381	5	WASHER, Plain, 5/16
16	1917356	9	LOCKWASHER, 5/16
17	1917372	2	NUT, Full, Hex, 5/16-18
18	1916622	2	NUT, Full, Hex, 1/4-20
19	1916964	1	LOCKWASHER, 1/4
20	1704333	1	PLATE, Spring
21	1960112	2	CLAMP, Hose
22	1703956	1	SWITCH, Oil Pressure
23	1676861	1	HOSE, Fuel, 45-1/2" Long
*24		1	ENGINE, (Kohler)
25	171241	1	KEY
26	1705441	1	PULLEY ASSY. (12.5 Only)
	1704307	1	PULLEY ASSY. (14 HP Hydro Only)
27	1704419	2	BELT STOP
28	1673453	1	STREET ELBOW, 3/8 Pipe
29	1960405	4	SCREW, Taptite, M8 - 1-1/4 x 30 mm
30	1703816	1	ELECTRIC CLUTCH (Incl. Ref. Nos. 52-55)
31	1708264	1	WASHER, Hex
32	960479	1	CAPSCREW, M10-1-1/2 x 60 mm
33	1918199	1	LOCKWASHER, 7/16
34	1704357	1	DUCT, Lower Muffler
35	980368	4	NUT, Pal, 1/4-20
36	1703971	1	MUFFLER ASSY.
37	935255	1	NUT, Pal, 5/16-18
38	1931342	1	CARRIAGE BOLT, 5/16-18 x 2-3/4
39	1676183	1	CLAMP, Muffler
40	1705347	1	PIPE, Exhaust
41	1919326	2	WASHER, Plain, 5/16
42	1921333	1	CAPSCREW, Hex, 5/16-18 x 1
43	1705440	1	DUCT, Top, Muffler
44	934683	2	CLIP
45	1960295	4	SCREW, Flange Whiz, 1/4-20 x 5/8
46	173206	1	FUEL FILTER
47	1667346	1	CAP, Pipe
48	1901491	1	PIPE NIPPLE, 3/8 x 2
49	1705358	1	FASTENER, Panel
50	920426	1	LOCKWASHER, External Tooth, 5/16
51	1679104	1	SPRING & NUT KIT
52	1679101	1	FIELD ASSY., Clutch
53	1685486	1	ROTOR & ARMATURE ASSY.

*See your local Kohler Distributor for parts and service.

**2029
**1903



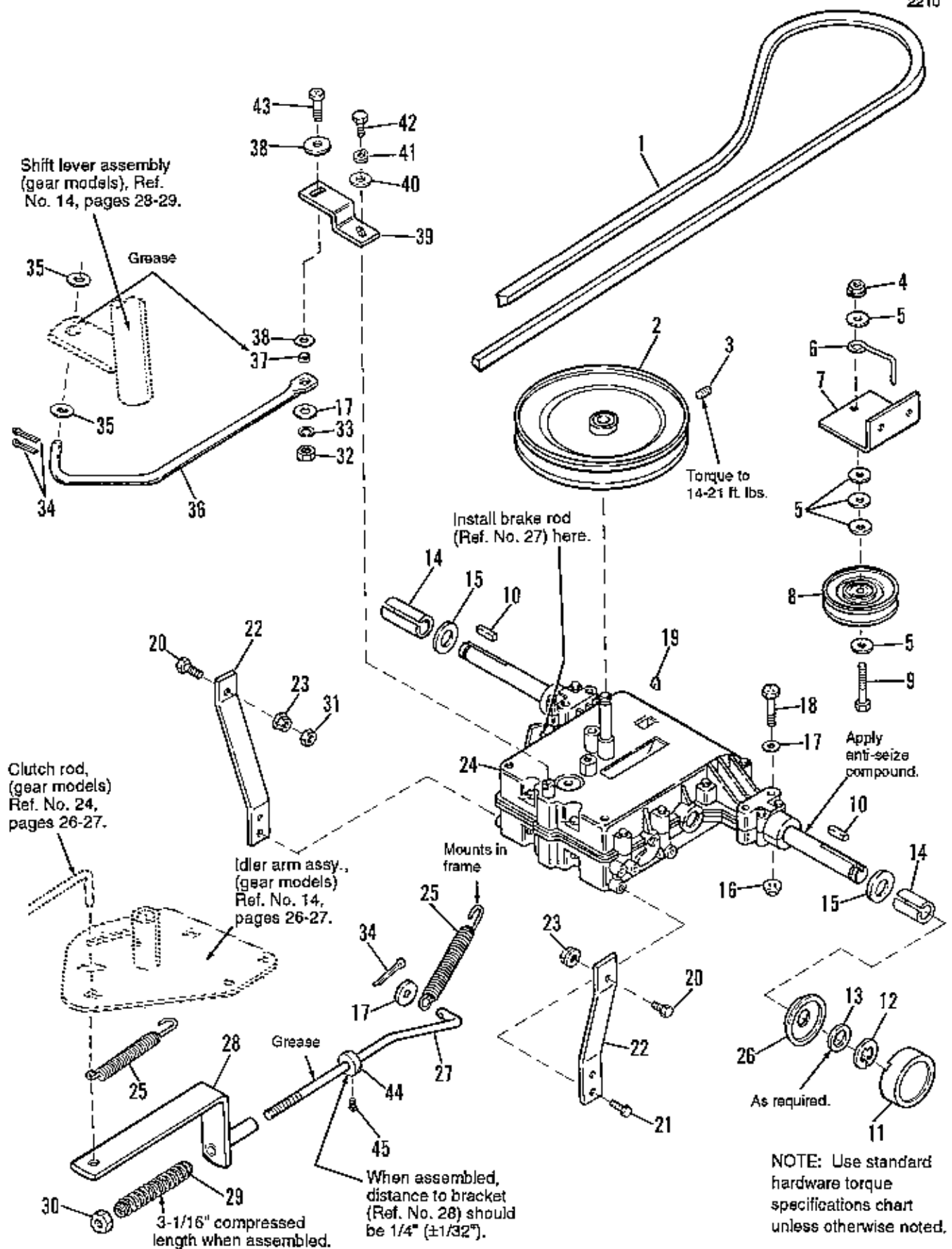
12.5 & 16 HP Briggs & Stratton

Engine & Electric Clutch Group (Twin Cylinder, Briggs & Stratton)

Ref. No.	Part No.	Qty.	Description
1	1666268	1	CABLE, Throttle
2	1930531	1	SCREW, Trusshead, 10-32 x 1/2
3	1931338	1	CARRIAGE BOLT, 5/16-18 x 1-3/4
4	1704334	1	HANDLE, Throttle
5	172038	1	KNOB, Throttle
6	960171	2	WASHER, Nylon
7	158475	1	CLIP, Bowden Wire
8	1704332	1	SPACER
9	1928919	1	NUT ASSY., 10-32
10	1704344	1	CABLE, Choke Control
11	1960256	3	SCREW, Plastite, 1/4-20 x 5/8
12	1704335	1	BRACKET, Throttle Mounting
13	101025	1	WASHER
14	162085	1	SPRING
15	1919381	1	WASHER, Plain, 5/16
16	1917356	3	LOCKWASHER, 5/16
17	1917372	2	NUT, Full, Hex, 5/16-18
18	1667346	1	CAP, Oil
19	1704343	1	DRAIN, Oil
20	930598	1	SCREW, Taptite, 3/8-16 x 1-1/2
21	1960112	2	CLAMP, Hose
22	1703956	1	SWITCH, Oil Pressure
23	1676861	1	HOSE, Fuel, 45.5" Long
*24		1	ENGINE, Twin Cylinder, 16 HP (Briggs & Stratton)
		1	ENGINE, Twin Cylinder, 12.5 HP (Briggs & Stratton)
25	171241	1	KEY
26	1704307	1	PULLEY ASSY.
27	1704419	2	BELT STOP
28	1703908	4	SCREW, Metric
29	1930598	3	SCREW, Taptite, 3/8-16 x 1-1/2
30	1703816	1	ELECTRIC CLUTCH (Incl. Ref. Nos. 48-51)
31	1708264	1	WASHER, Hex
32	1960970	1	CAPSCREW, 7/16-20 x 2-1/2
33	1918199	1	LOCKWASHER, 7/16
34	1704357	1	DUCT, Lower Muffler
35	960368	4	NUT, Pal, 1/4-20
36	1703971	1	MUFFLER ASSY.
37	935255	1	NUT, Pal, 5/16-18
38	1931342	1	CARRIAGE BOLT, 5/16-18 x 2-3/4
39	1676183	1	CLAMP, Muffler
40	1703986	1	MANIFOLD, Exhaust
41	1919326	2	WASHER, Plain, 11/32
42	1921333	1	CAPSCREW, Hex, 5/16-18 x 1
43	1707334	1	DUCT, Upper Muffler
44	934683	1	CLIP
45	1960295	4	SCREW, Flange Whiz, 1/4-20 x 5/8
46	920427	1	LOCKWASHER, External Tooth
47	1924940	2	WASHER, Plain, 13/32
48	1679101	1	FIELD ASSY., Clutch
49	1685486	1	ROTOR & ARMATURE ASSY.
50	173206	1	FUEL FILTER
51	1679104	1	SPRING & NUT KIT

*See your local Briggs & Stratton Distributor for parts and service.

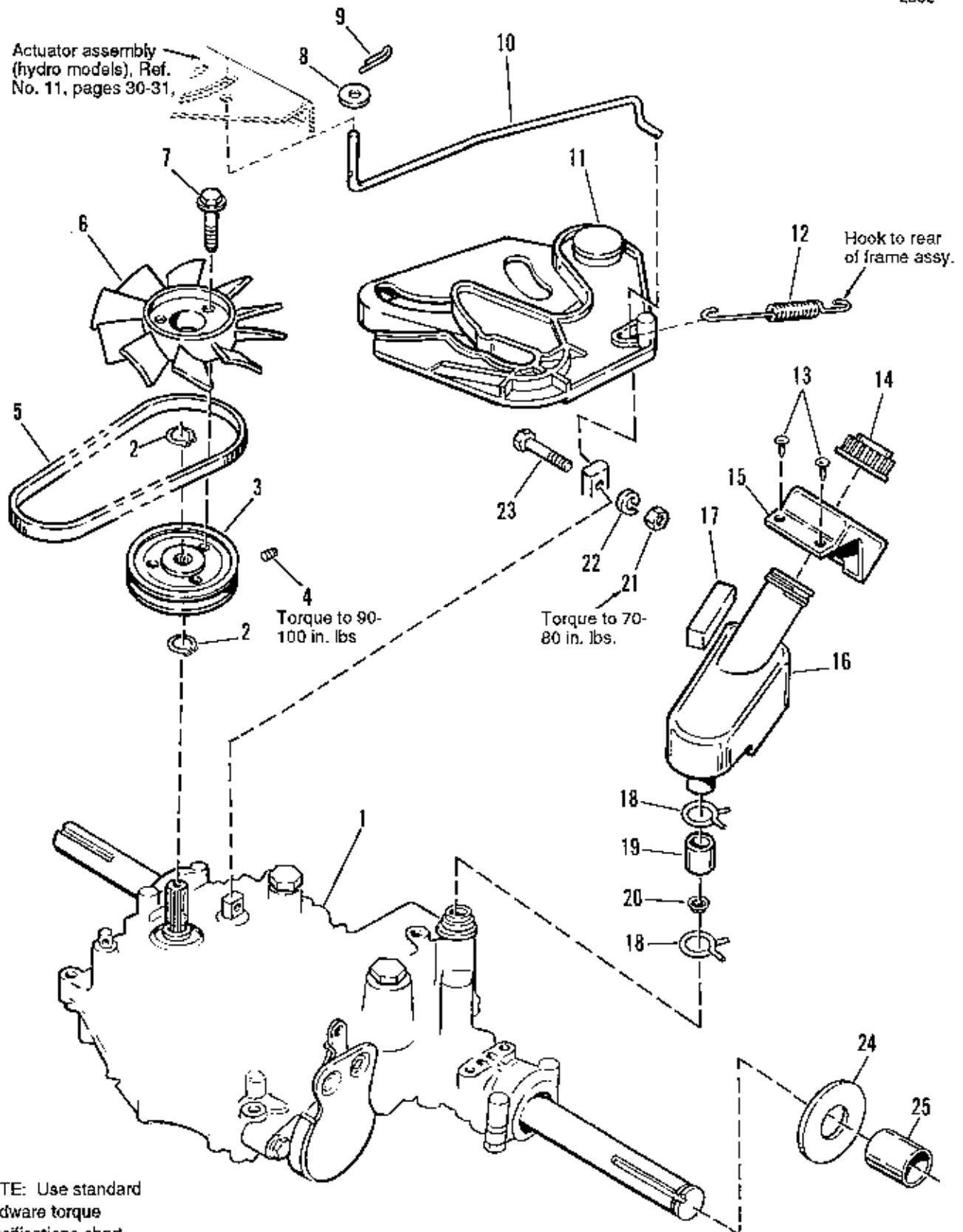
**2210



Ref. No.	Part No.	Qty.	Description
1	1703836	1	"V" BELT
2	1705482	1	PULLEY ASSY., Driven
3	1928721	2	SETSCREW, 5/16-18 x 1/2
4	1928352	1	NUT, Flange Whizlock, 3/8-16
5	1924940	5	WASHER, Plain, 3/8
6	1678924	1	BELT STOP
7	1705463	1	BRACKET, Pulley
8	1708029	1	PULLEY, Idler ("V")
9	1921971	1	CAPSCREW, Hex Hd., 3/8-16 x 1-3/4
10	8221042	2	KEY
11	1676519	2	HUBCAP
12	927794	2	"E" RING
13	1960114	2	WASHER (Rear Axle)
14	1667191	2	SPACER, Axle
15	1960160	2	WASHER
16	1935048	4	NUT, Lock, Flange, 5/16-18
17	1919326	6	WASHER, Plain, 5/16
18	1921719	4	CAPSCREW, Hex, 5/16-18 x 2-1/2
19	905123	1	KEY
20	1930595	2	SCREW, Hex, Whiz, 5/16-18 x 1-1/4
21	1930601	4	SCREW, Taptite, 5/16-18 x 5/8
22	1705462	2	SUPPORT, Transmission
23	1927557	4	NUT, Hex, Flange, 5/16-18
*24		1	TRANSMISSION, 5 Speed
25	1706553	2	SPRING, Ext.
26	1701435	2	RETAINER, Hubcap
27	1705446	1	ROD, Brake
28	1705457	1	BRAKE ARM ASSY.
29	1663136	1	SPRING, Compression
30	1919438	1	NUT, Nylon, Lock, 5/16-18
31	1928698	1	NUT, Hex, Jam Lock, 5/16-18
32	1917372	1	NUT, Hex, Full, 5/16-18
33	1917356	1	LOCKWASHER, 5/16
34	1918447	3	COTTER PIN
35	1924361	2	WASHER, Plain, 1/2
36	1709198	1	ROD, Shift
37	1703900	1	SPACER
38	1919381	2	WASHER
39	1705500	1	LEVER, Shift
40	1960151	1	WASHER, Plain, 1/4
41	1916964	1	LOCKWASHER, 1/4
42	1922234	1	CAPSCREW, Hex Hd., 1/4-28 x 5/8
43	1921977	1	CAPSCREW, Hex Hd., 5/16-18 x 1-1/4
44	8191022	1	SET COLLAR
45	1928804	1	SETSCREW, 1/4-20 x 3/8

*Obtain repair parts from your authorized Peerless/Tecumseh Distributor. Refer to pages 62-65 for component parts.

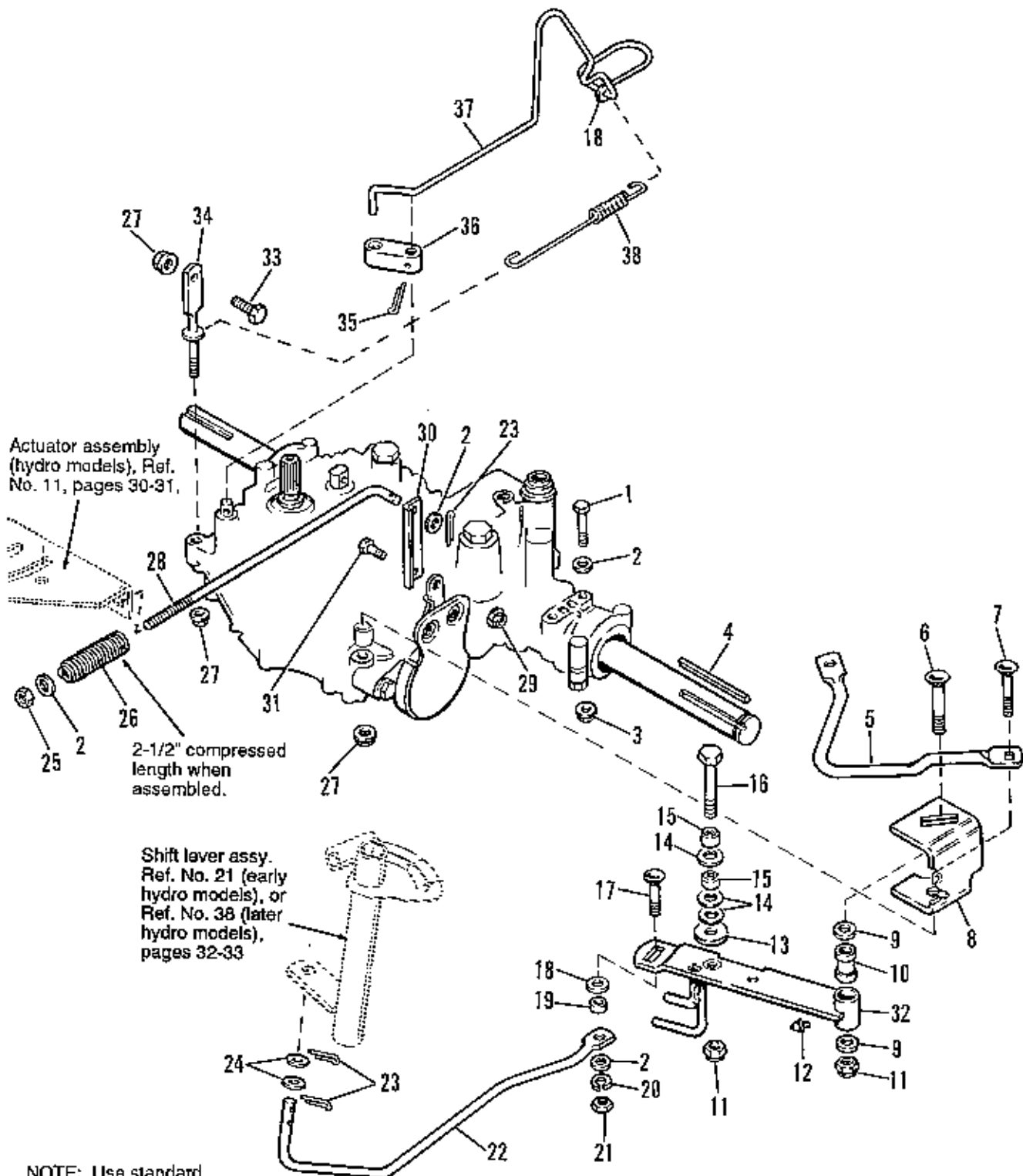
**2362



Hydrostatic Transmission Group 1

Ref. No.	Part No.	Qty.	Description
1	1707935	1	TRANSAXLE, Tuff Torque (See Note below)
2	1960328	2	SNAP RING
3	1707932	1	PULLEY, Driven
4	1708269	1	SETSCREW, 5/16-18 x 5/16
5	108508	1	BELT, Drive
6	1707933	1	FAN
7	1933958	3	SCREW, Taptite, 1/4-20 x 1-1/8
8	1919326	1	WASHER, 11/32 x 3/4 x 1/16
9	1918448	1	COTTER PIN, 15/16 x 1
10	1707768	1	ROD, Return-to-Neutral
11	1708357	1	CAM ASSY.
12	1707471	1	SPRING
13	1704351	2	FASTENER, Panel
14	1676467	1	CAP, Filler
15	1707965	1	BEZEL
16	1707964	1	TANK, Expansion Chamber
17	173335	1	PAD
18	1708721	2	CLAMP, Hose
19	1708052	1	HOSE
20	1708047	1	SCREEN, Filter
21	1960446	1	NUT, Hex, 6 mm
22	1916964	1	LOCKWASHER, 1/4
23	960464	1	SCREW, Hex, 6 mm - 1 x 55 mm
24	960200	2	WASHER, 1" I.D., 2-1/4" O.D.
25	1708948	2	SPACER, 1-1/2" Long

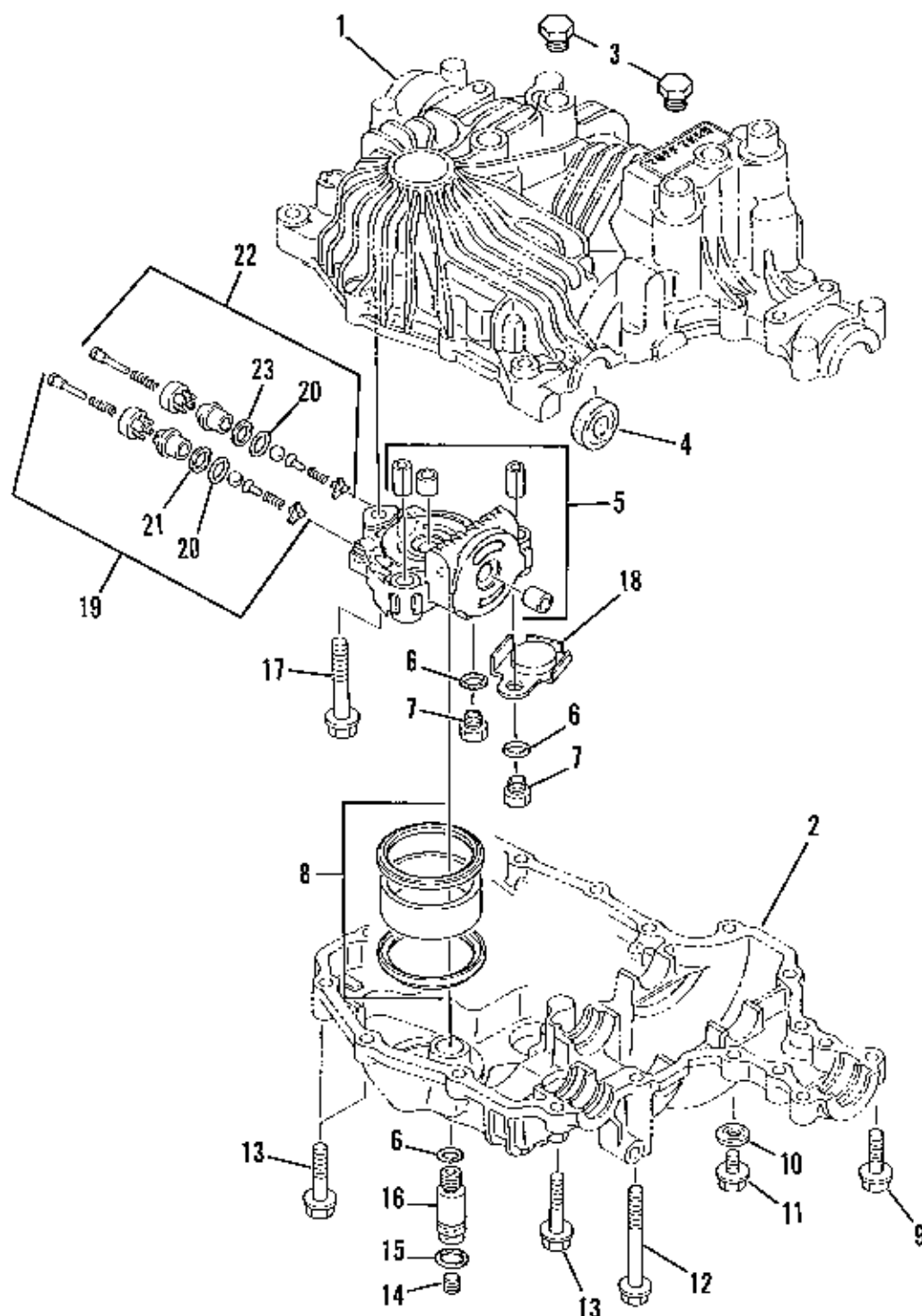
Note: See pages 16 thru 25 for Service Parts



Hydrostatic Transmission Group 2

Ref. No.	Part No.	Qty.	Description
1	1921719	4	SCREW, Hex, 5/16-18 x 2-1/2
2	1919326	7	WASHER, Plain
3	1935048	4	NUT, Hex, Flange, Lock, 5/16-18
4	905100	2	KEY, 1/4 sq. x 2-1/4
5	1708185	1	ROD, Support
6	1960463	1	CARRIAGE BOLT, 1/4-20 x 2-1/4
7	1931339	1	CARRIAGE BOLT, 5/16-18 x 2
8	1707767	3	BRACKET, Mounting
9	1960353	2	WASHER
10	1708183	1	SPACER, Shift Lever
11	1920397	2	NUT, Hex, Nylon, Lock, 1/4-20
12	921133	1	FITTING, Lube
13	1960151	1	WASHER, 1/4 x 1-1/4 x 5/64
14	1921319	3	WASHER, 17/64 x 5/8 x 3/64
15	1707944	2	ROLLER, Cam
16	1921963	1	SCREW, Hex, 1/4-20 x 2
17	1960223	1	CARRIAGE BOLT, 5/16-18 x 1-1/4
18	1919381	2	WASHER
19	1710437	1	SPACER
20	1917356	1	LOCKWASHER, 5/16-18
21	1917372	1	NUT, Hex, 5/16-18
22	1709170	1	ROD, Shift
23	1918447	3	COTTER PIN, 5/16 x 3/4
24	1924361	2	WASHER, 17/32 x 1-1/4 x 5/64
25	1919438	1	NUT, Hex, Nylon, Lock, 5/16-18
26	157041	1	SPRING, Brake
27	1927557	3	NUT, Hex, Flange, Whiz, 5/16-18
28	1707936	1	ROD, Brake
29	1674069	1	NUT, Hex, Nylon, Lock, 6 mm-1
30	1707962	1	EXTENSION, Brake Lever
31	960444	1	SCREW, Hex, 6 mm-1
32	1709168	1	LEVER ASSY.
33	1921333	1	SCREW, Hex, 5/16-18 x 1
34	1707769	1	TORQUE STRAP
35	1918455	1	COTTER PIN, 5/32 x 3/64
36	1707966	1	LEVER, Tow Valve
37	1707961	1	ROD, Tow Valve
38	159181	1	SPRING

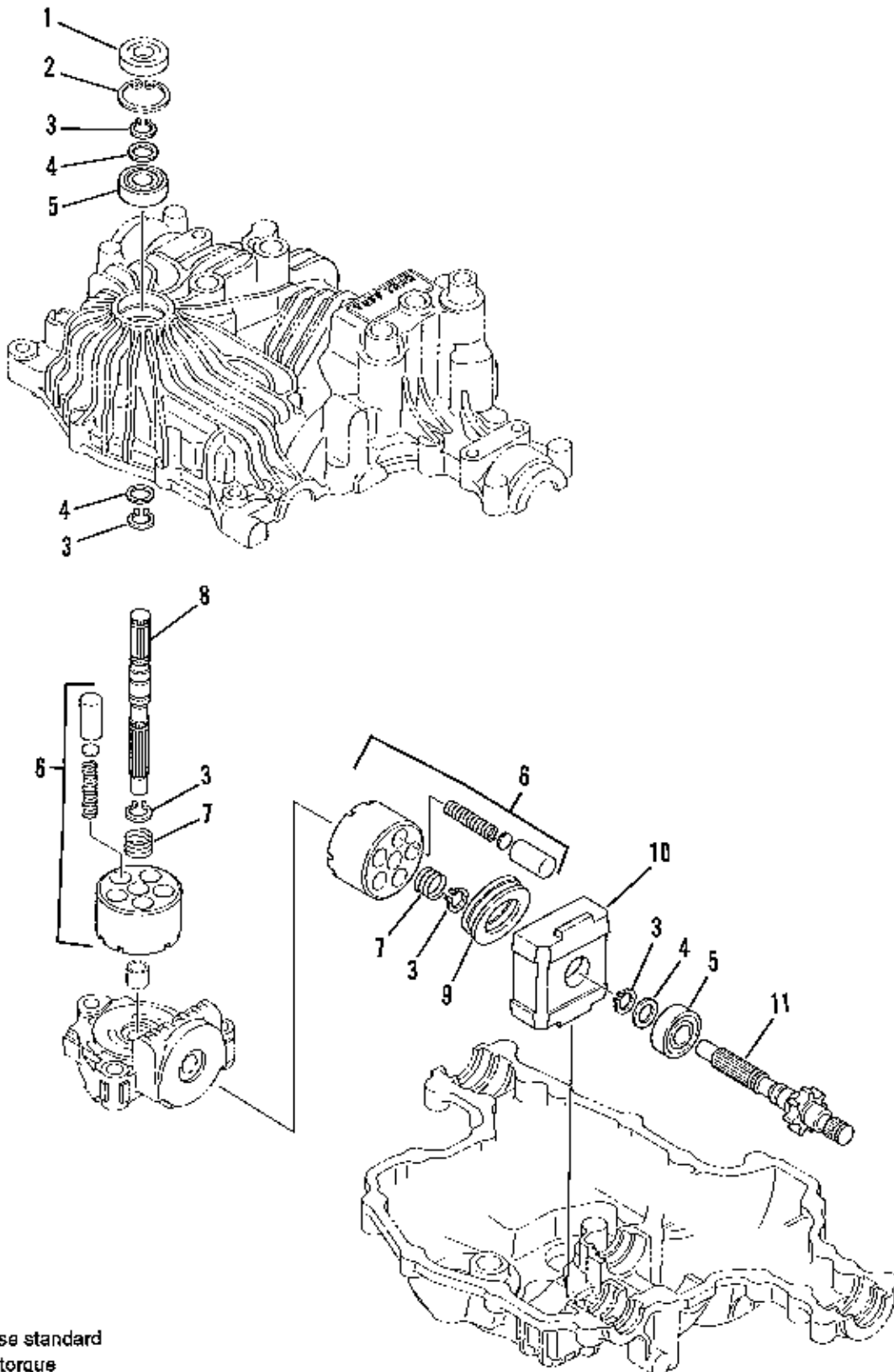
**2385



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

Ref. No.	Part No.	Qty.	Description
1	1708646	1	COVER ASSY.
2	1708647	1	HOUSING
3	1708656	2	SEALING CAP
4	1708652	1	SEAL
5	1708657	1	CENTER CASE ASSY.
6	1708666	3	PACKING
7	1708658	2	PLUG, 1/4
8	1708664	1	FILTER SET
9	1707789	15	SCREW, Self-Tapping
10	1708649	1	WASHER, Seal
11	1708653	1	BOLT
12	1708654	1	BOLT
13	1708655	3	SCREW, Self-Tapping
14	1708665	1	PLUG
15	1707785	1	PACKING
16	1708663	1	CONNECTOR
17	1708667	3	BOLT
18	1708648	1	MAGNET
19	1708659	1	VALVE (Incl. Ref. Nos. 20 & 21)
20	1708660	2	PACKING
21	1708650	1	RING, Back-up
22	1708662	1	VALVE (Incl. Ref. Nos. 23 & 24)
23	1708661	1	RING, Back-up

**2366

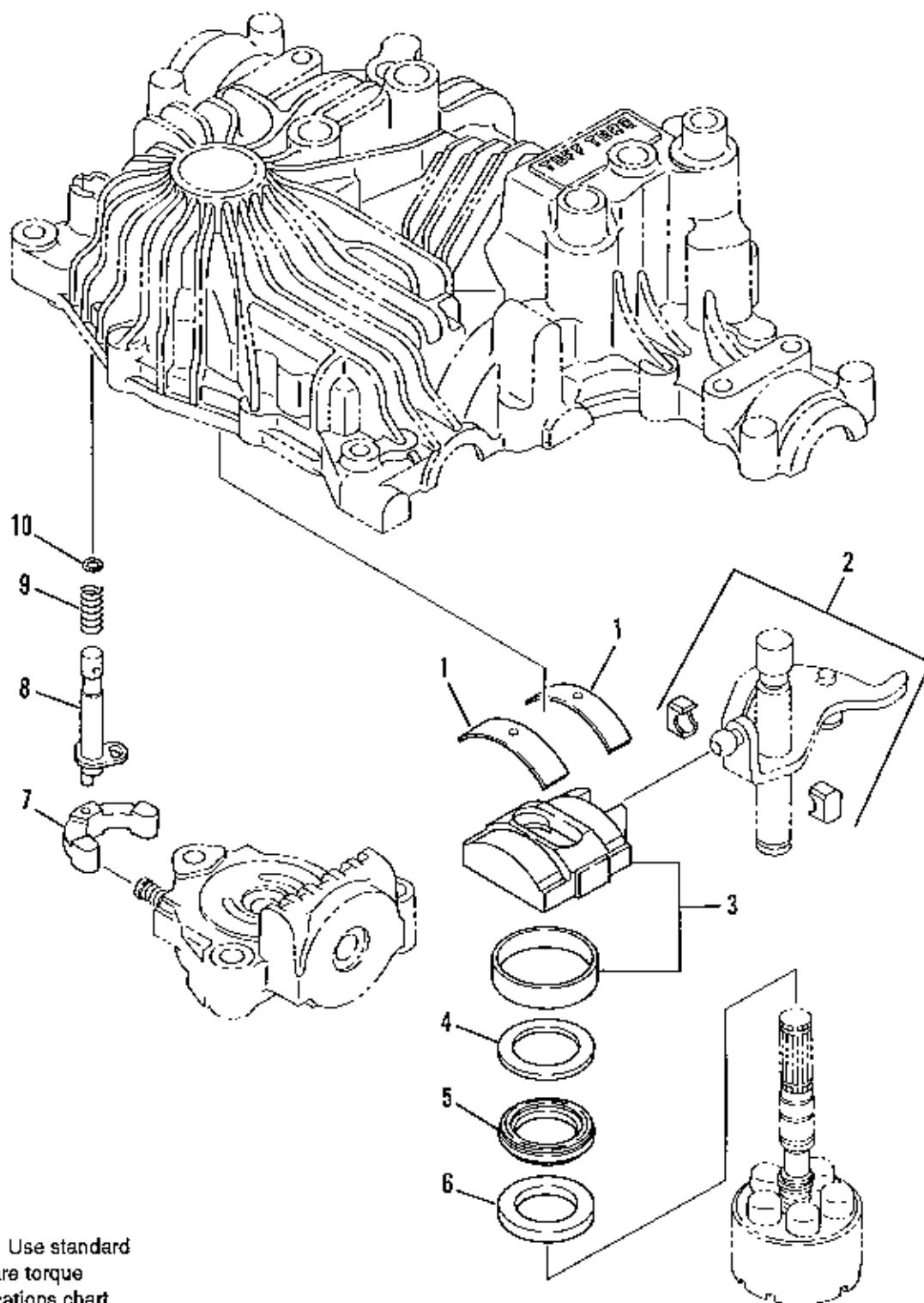


NOTE: Use standard hardware torque specifications chart unless otherwise noted.

Pump Shaft/Motor Shaft Group

Ref. No.	Part No.	Qty.	Description
1	1708651	1	SEAL
2	1708650	1	RING, Retaining
3	1708672	5	RING, Retaining
4	1708670	3	WASHER, 19/32 x 51/64 x 3/64
5	1708673	2	BEARING
6	1708668	2	CYLINDER BLOCK
7	1708669	2	SPRING
8	1708671	1	SHAFT, Pump
9	1708675	1	THRUST BEARING
10	1708674	1	RETAINER, Thrust Bearing
11	1708676	1	SHAFT, Motor

**2367

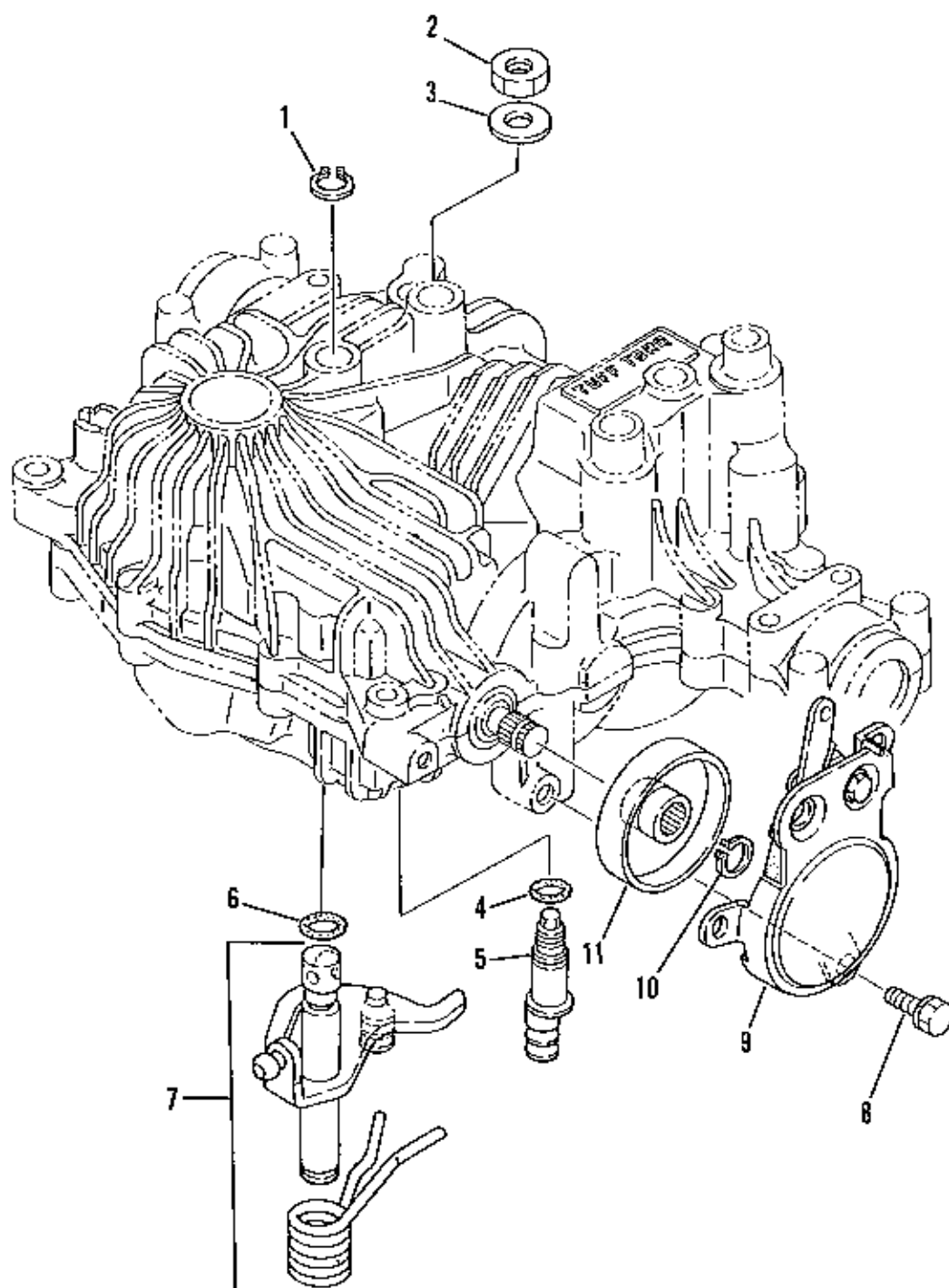


NOTE: Use standard hardware torque specifications chart unless otherwise noted.

Range Shaft Group

Ref. No.	Part No.	Qty.	Description
1	1708677	2	THRUST BEARING
2	1708685	1	BLOCK SET
3	1708678	1	SWASH PLATE
4	1708681	1	THRUST PLATE
5	1708679	1	THRUST BEARING
6	1708680	1	THRUST PLATE
7	1708682	1	ARM
8	1708683	1	SHAFT, By-Pass
9	1708684	1	SPRING
10	1708686	1	PACKING

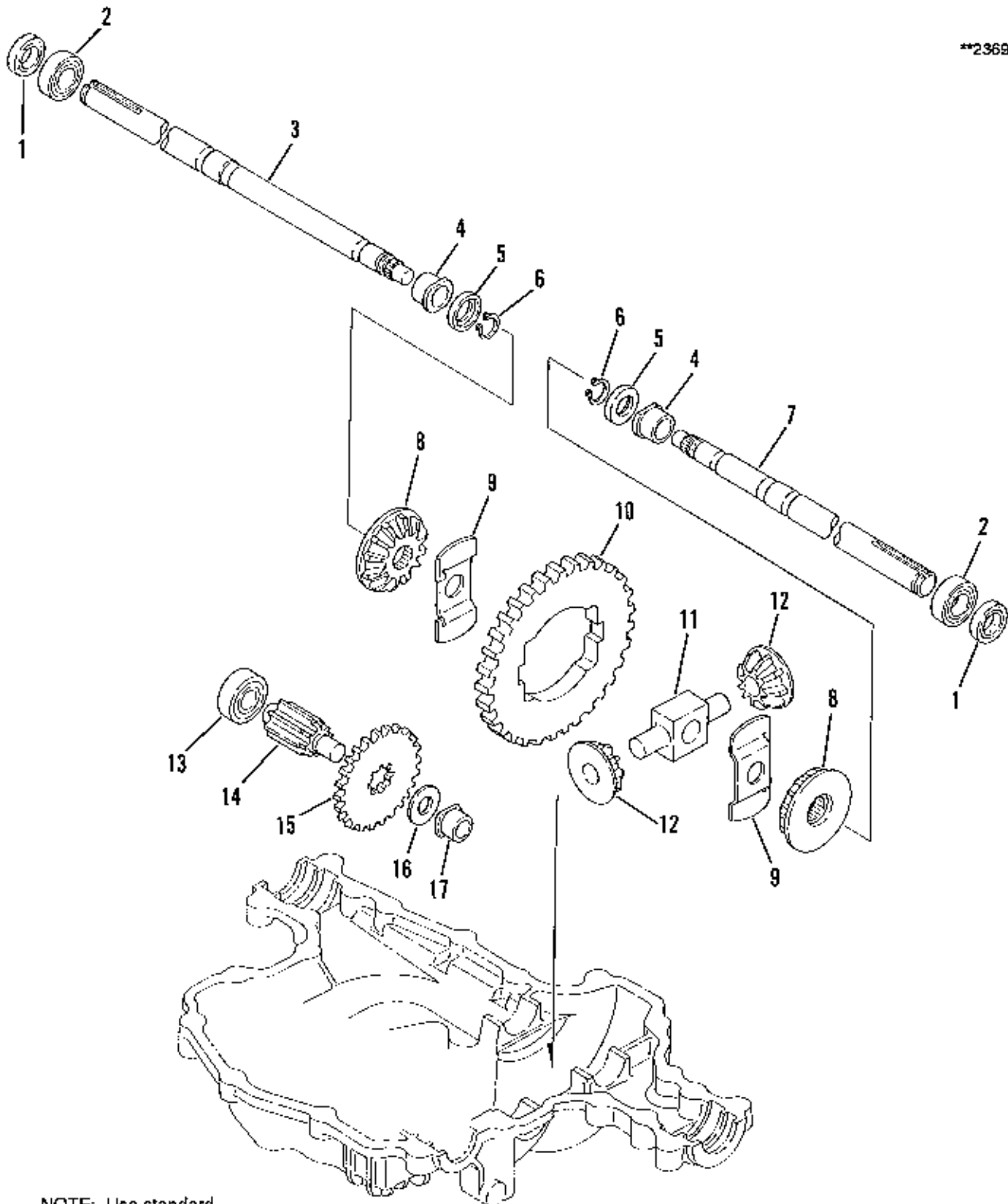
**2368



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

Ref. No.	Part No.	Qty.	Description
1	1708693	1	RING, Retaining
2	1708692	1	NUT
3	1708689	1	WASHER
4	1708691	1	PACKING
5	1708688	1	FULCRUM
6	1708690	1	PACKING
7	1708687	1	SHAFT, Control
8	1708711	3	BOLT
9	1708709	1	BAND BRAKE
10	1708672	1	RING, Retaining
11	1708710	1	DRUM, Brake

**2369

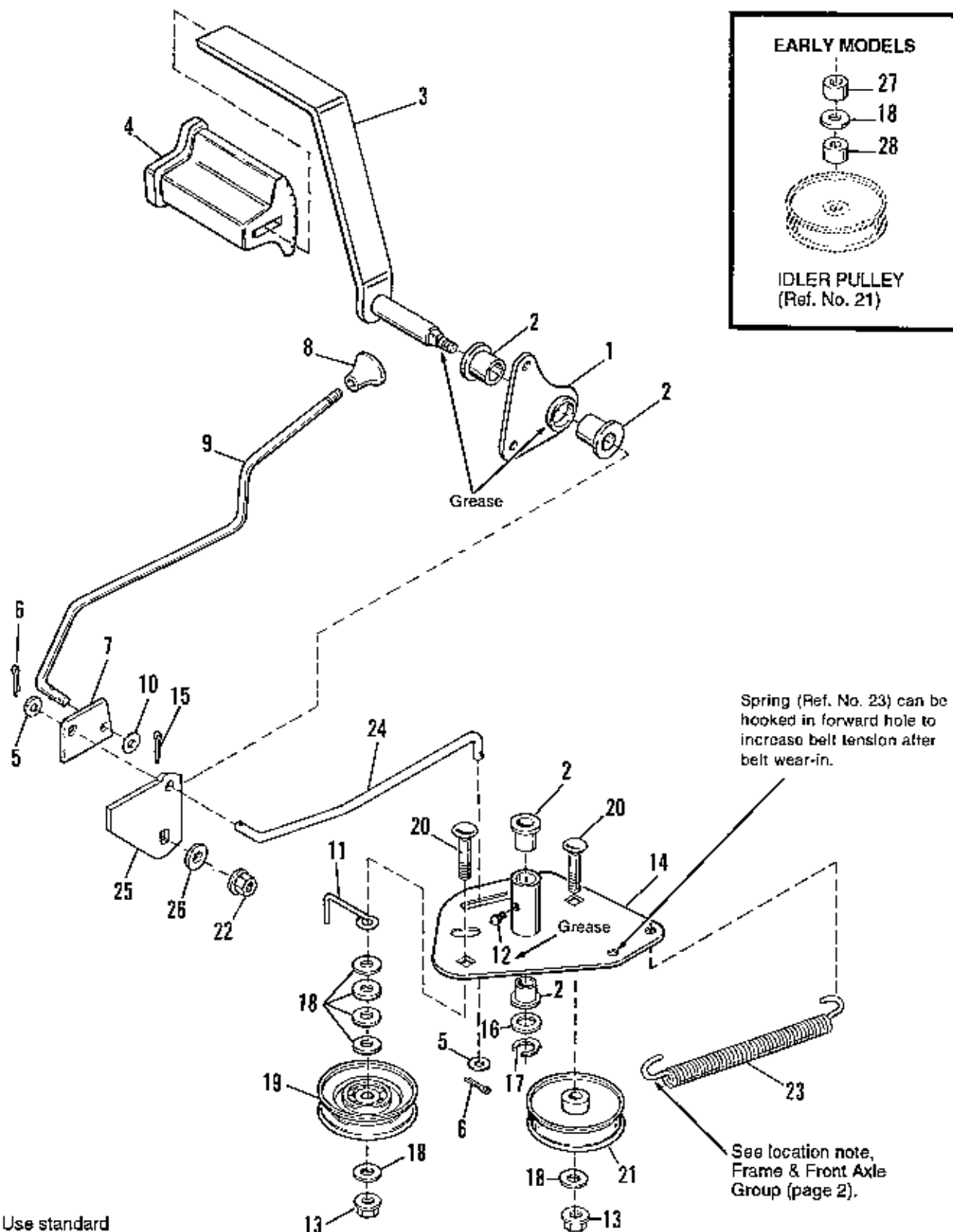


NOTE: Use standard hardware torque specifications chart unless otherwise noted.

Axle Shaft/Differential Gear/Front Pinion Group

Ref. No.	Part No.	Qty.	Description
1	1708708	2	SEAL
2	1707862	2	BEARING
3	1708704	1	AXLE SHAFT, Right
4	1708705	2	BUSHING
5	1708706	2	COLLAR
6	1708707	2	RING, Retaining
7	1708703	1	AXLE SHAFT, Left
8	1708694	2	GEAR, Differential
9	1708695	2	THRUST WASHER
10	1708698	1	GEAR
11	1708697	1	SHAFT, Pinion
12	1708696	2	PINION
13	1707809	1	BEARING
14	1708699	1	SHAFT, Final Pinion
15	1708702	1	GEAR
16	1708700	1	WASHER
17	1708701	1	BUSHING

2183

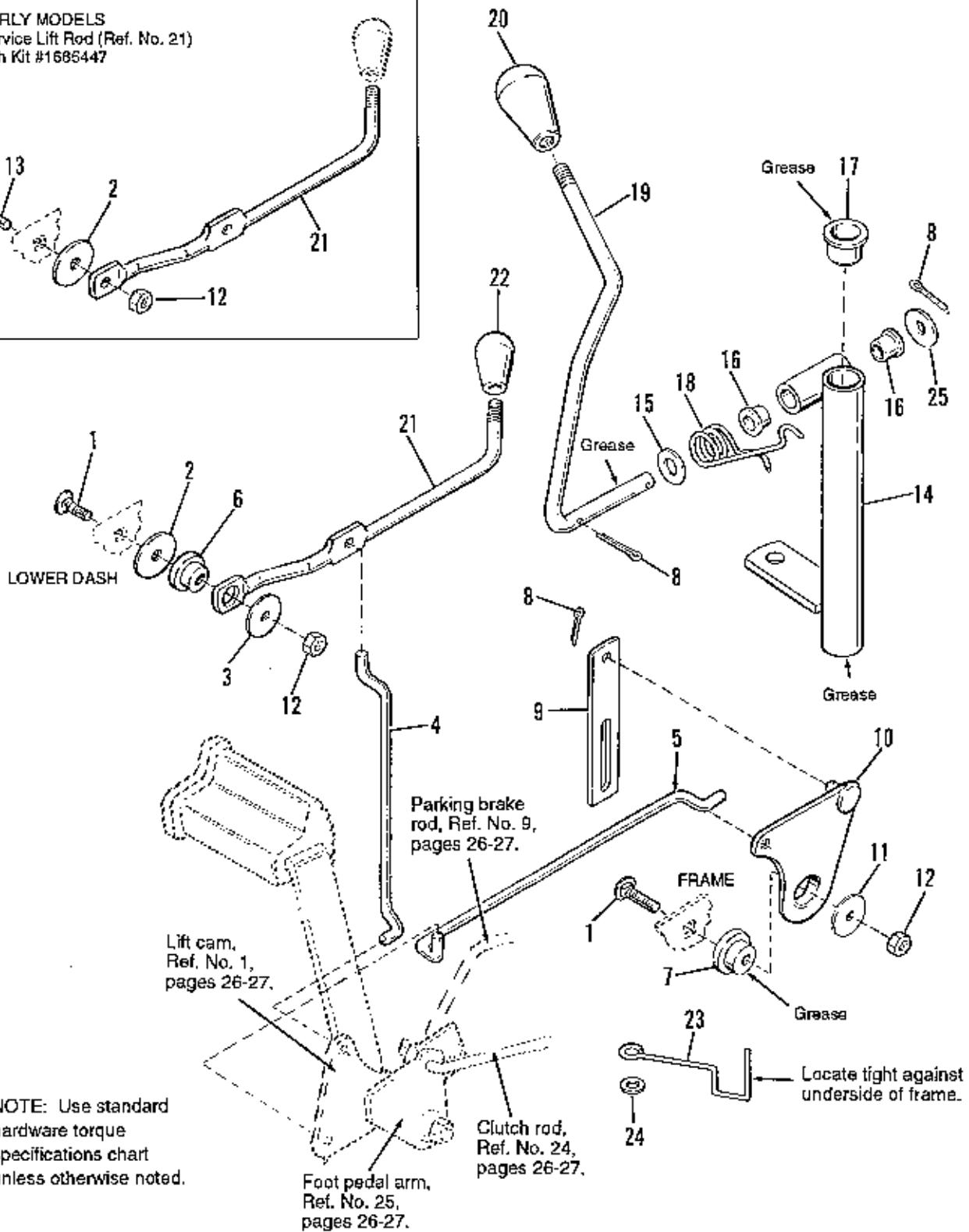
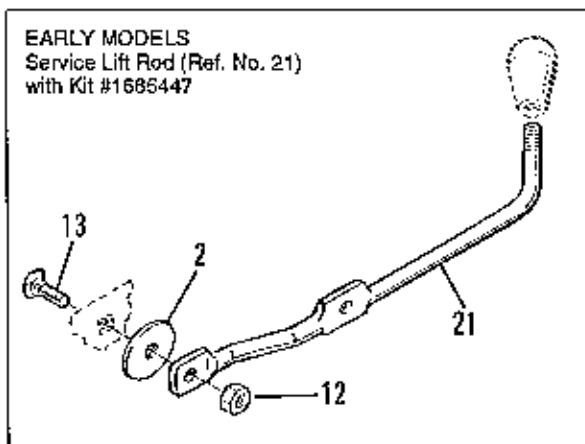


NOTE: Use standard hardware torque specifications chart unless otherwise noted.

Gear Models

Foot Controls Group (Gear)

Ref. No.	Part No.	Qty.	Description
1	1704621	1	CAM, Lift
2	1663114	4	BUSHING, Plastic
3	1704295	1	BRAKE PEDAL ASSY.
4	1704309	1	PAD, Foot Pedal
5	1919326	2	WASHER, Plain, 11/32
6	1918447	2	COTTER PIN
7	1704429	1	CAM, Parking Brake
8	1676374	1	KNOB, Plastic
9	1704829	1	ROD, Parking Brake
10	1921319	1	WASHER, Plain, 9/32
11	1678924	1	BELT STOP
12	921133	1	FITTING, Grease
13	1928352	2	NUT, Flange, Whizlock, 3/8-16
14	1705442	1	ARM ASSY., Idler
15	1923360	1	COTTER PIN
16	1960020	1	WASHER, 5/8
17	1704420	1	KLIPRING, 5/8
18	1924940	7	WASHER, Plain, 13/32 (Qty. 8 on early model idler pulley)
19	1708029	1	PULLEY "V"
20	1931353	2	CARRIAGE BOLT, 3/8-16 x 1-3/4
21	1707289	1	PULLEY, Idler
22	1919439	1	NUT, Hex ESNA, 3/8-16
23	1666759	1	SPRING, Drive
24	1705451	1	ROD, Clutch, 5/16 Dia.
25	1704406	1	ARM, Foot Pedal
26	1922755	1	WASHER
27	157081	1	SPACER (Early models only)
28	1666294	1	SPACER (Early models only)

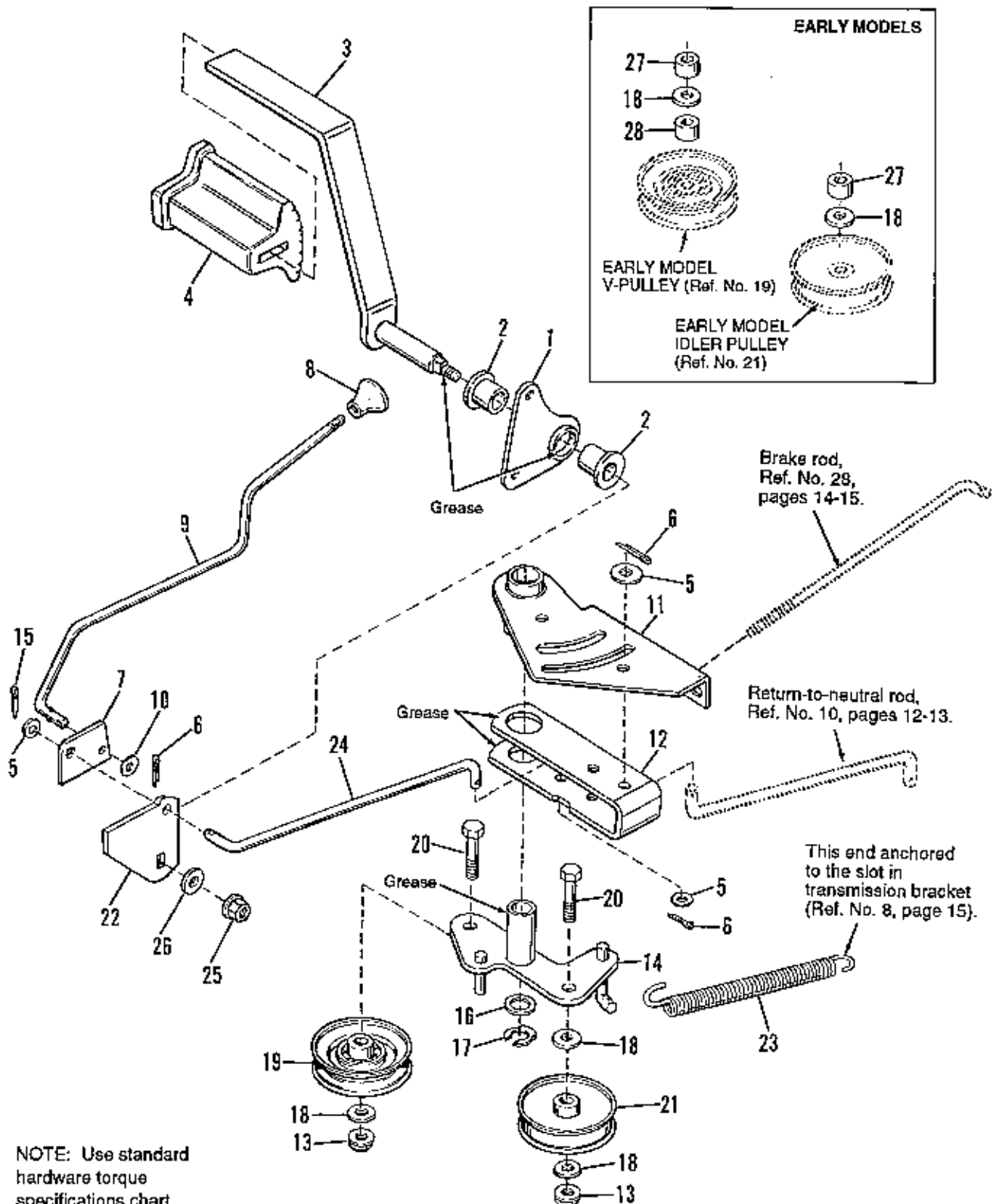


NOTE: Use standard hardware torque specifications chart unless otherwise noted.

Gear Models

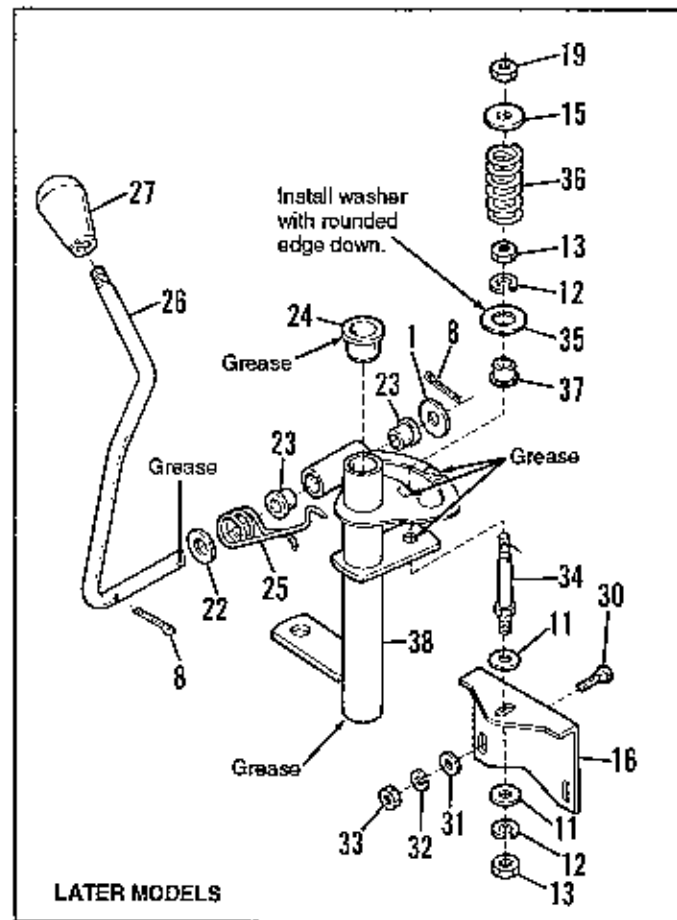
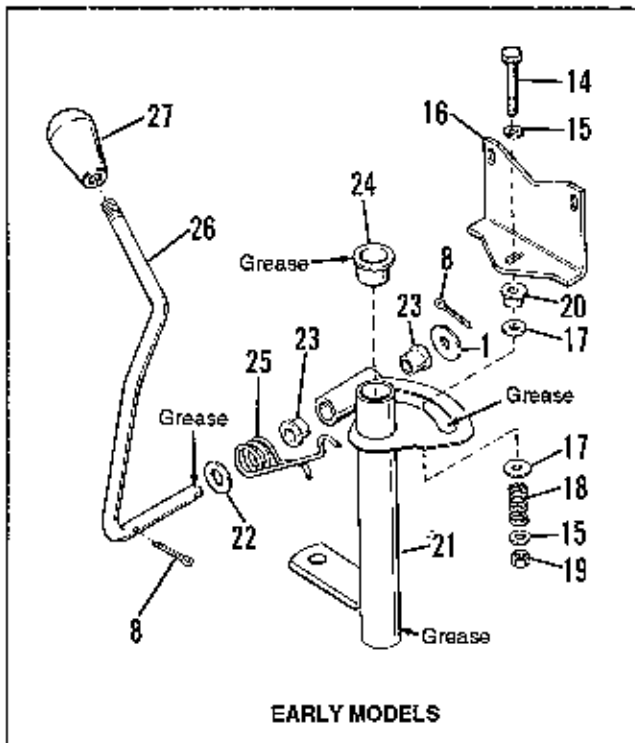
Hand Controls Group (Gear)

Ref. No.	Part No.	Qty.	Description
1	1931337	2	CARRIAGE BOLT, 5/16-18 x 1-1/2 (Later models only)
2	1924356	1	WASHER, Plain, 13/32 x 1-1/2 x 1/8
3	1919381	1	WASHER
4	1704623	1	LINK, Lift Upper
5	1704624	1	LINK, Lift
6	1705590	1	SPACER, Special
7	1704629	1	SPACER, Special
8	1918447	3	COTTER PIN
9	1704756	1	LINK, Lift, Upper Transport
10	1704825	1	CAM, Lift Assy.
11	1960044	1	WASHER, Plain, 21/64 x 1-1/4
12	1919438	2	NUT, Hex ESNA Lock, 5/16-18
13	1931335	1	CARRIAGE BOLT, 5/16-18 x 1 (Early models only)
14	1705487	1	SHIFT LEVER ASSY.
15	1924361	1	WASHER, Plain
16	1704428	2	BUSHING, Plastic, 1/2 Dia.
17	176440	1	BUSHING, Nylon, 3/4 Dia.
18	1709236	1	SPRING, Torsion
19	1704421	1	LEVER, Shift
20	1676743	1	KNOB, Plastic
21	1685447	1	ROD, Lift Handle Kit (Early models)
	1705931	1	ROD, Lift Handle (Later Models)
22	172038	1	KNOB
23	1705638	1	BELT STOP
24	1922755	1	WASHER, Plain
25	1960206	1	WASHER, 1/2



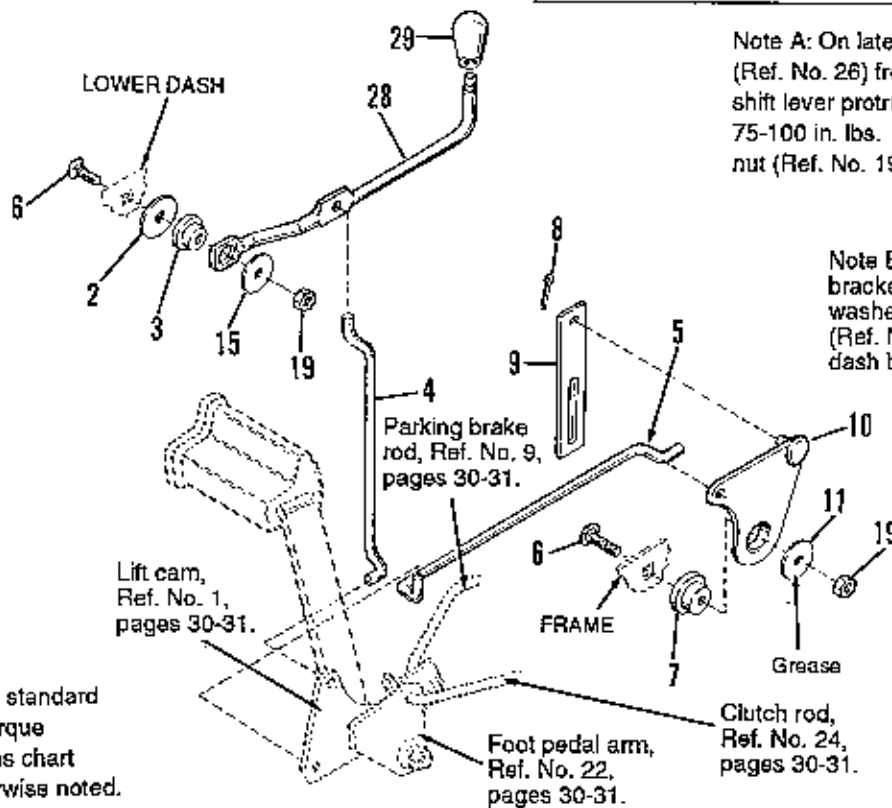
Foot Controls Group (Hydro)

Ref. No.	Part No.	Qty.	Description
1	1704621	1	CAM, Lift
2	1663114	2	BUSHING, Plastic
3	1704295	1	BRAKE PEDAL ASSY.
4	1704309	1	PAD, Foot Pedal
5	1919326	3	WASHER, Plain, 11/32
6	1923360	2	COTTER PIN
7	1704429	1	CAM, Parking Brake
8	1676374	1	KNOB, Plastic
9	1704829	1	ROD, Parking Brake
10	1921319	1	WASHER, Plain, 9/32
11	1708001	1	ACTUATOR ASSY.
12	1708000	1	LEVER, Clutch
13	1928352	2	NUT, Flange Whizlock, 3/8-16
14	1704408	1	PIVOT ASSY., Idler
15	1918447	1	COTTER PIN
16	1960020	1	WASHER, 5/8
17	1704420	1	KLIPRING, 5/8
18	1924940	3	WASHER, Plain, 13/32 (Qty. 4 on early models)
19	1707288	1	PULLEY "V"
20	1921971	2	CAPSCREW, 3/8-16 x 1-3/4
21	1707289	1	PULLEY, Idler, Flat
22	1704406	1	ARM, Foot Pedal
23	1707509	1	SPRING, Drive
24	1704430	1	ROD, Clutch, 5/16 Dia.
25	1919439	1	NUT, Hex ESNA, 3/8-16
26	1922755	1	WASHER
27	157081	2	SPACER (Early models only)
28	1666294	1	SPACER (Early models only)



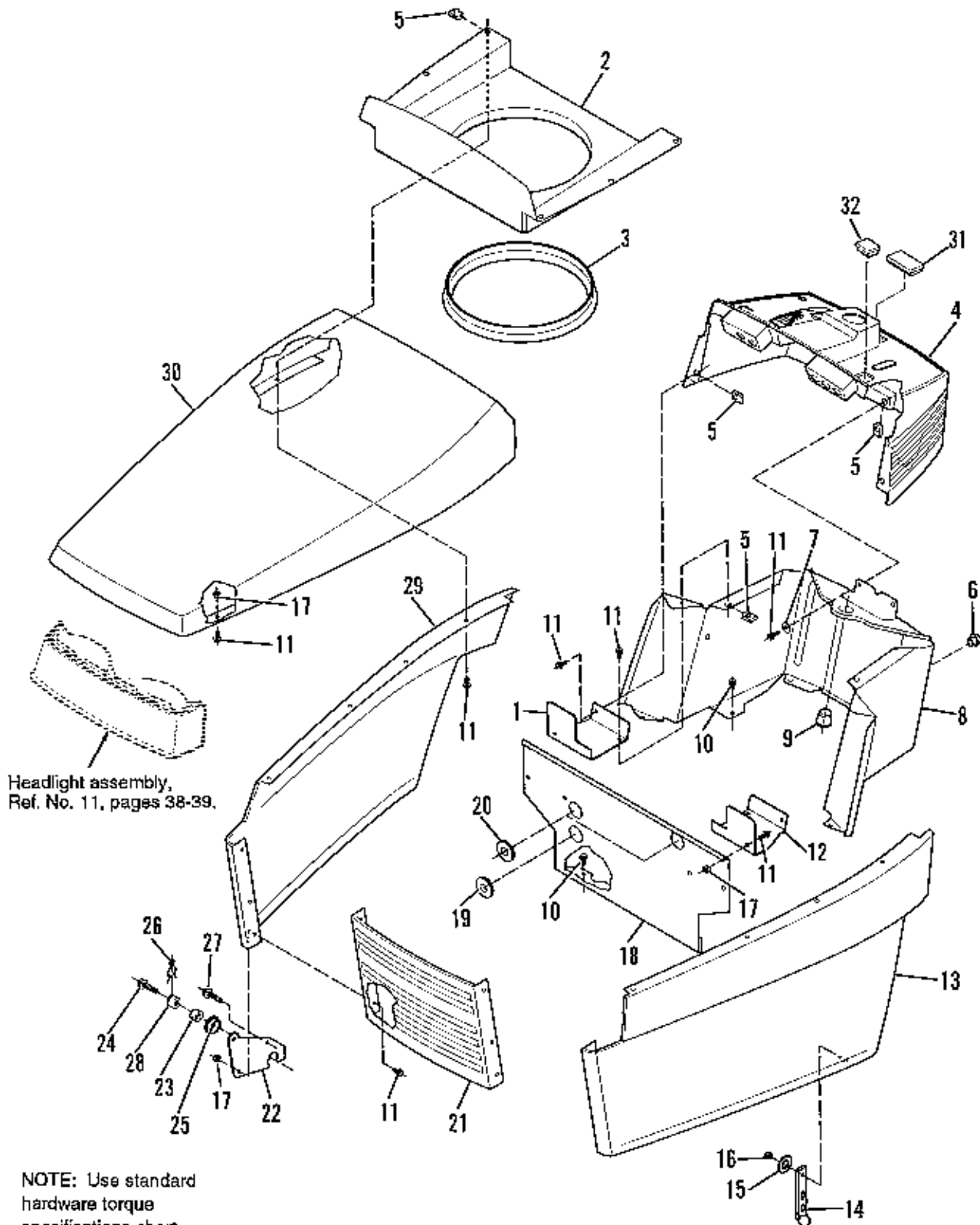
Note A: On later models, rotate shift lever (Ref. No. 26) from full forward position over shift lever protrusions (greased areas) with 75-100 in. lbs. Adjust tension on adjustment nut (Ref. No. 19) to achieve 75-100 in. lbs.

Note B: On later models, position bracket (Ref. No. 16) up against washer (Ref. No. 11) and stud (Ref. No. 34) and back of lower dash before tightening hardware.

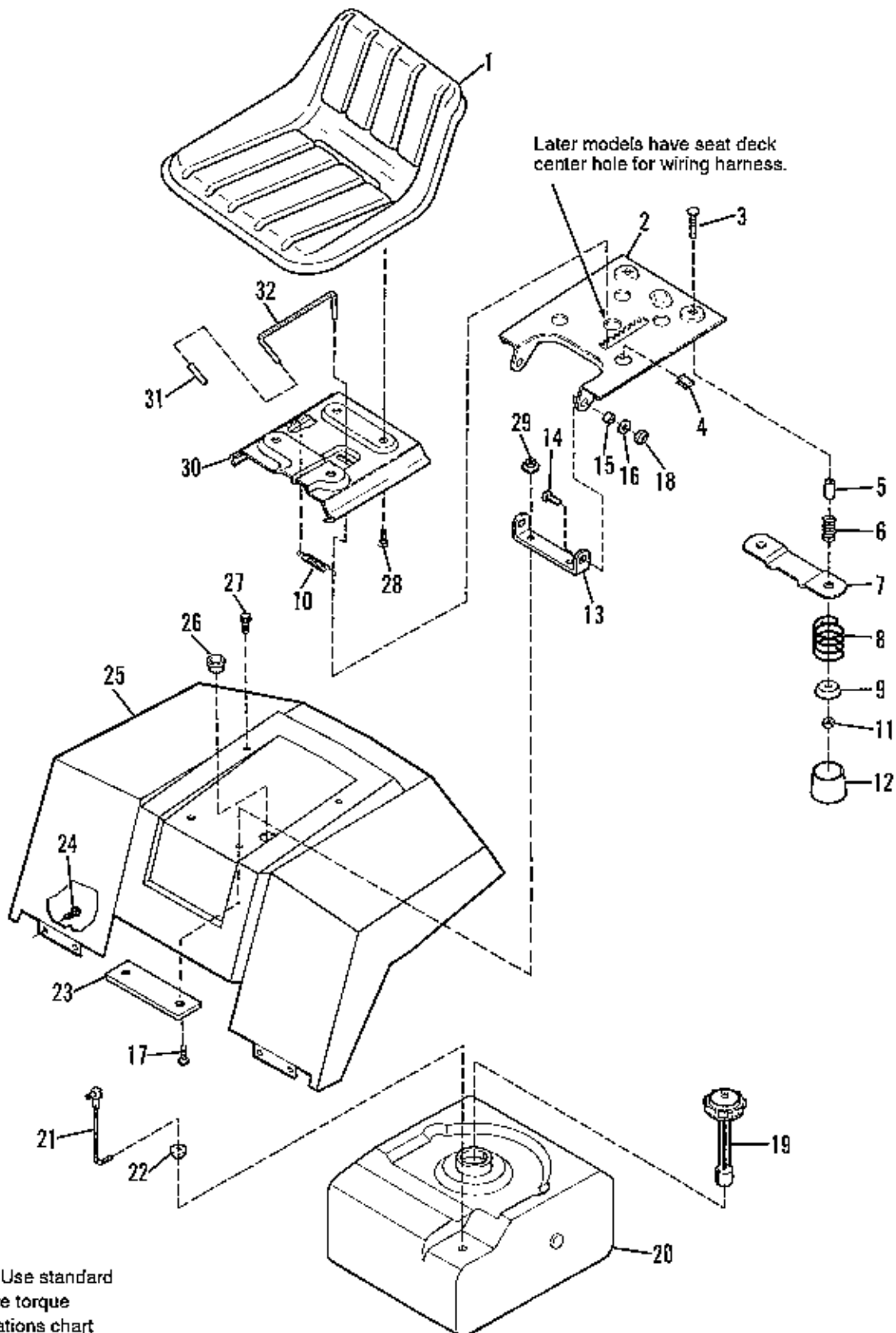


NOTE: Use standard hardware torque specifications chart unless otherwise noted.

Ref. No.	Part No.	Qty.	Description
1	1960206	1	WASHER, 1/2
2	1924356	1	WASHER, Plain, 13/32 x 1-1/2 x 1/8
3	1705590	1	SPACER, Special
4	1704623	1	LINK, Lift Upper
5	1704624	1	LINK, Lift
6	1931337	2	CARRIAGE BOLT, 5/16-18 x 1-1/2
7	1704629	1	SPACER, Special
8	1918447	4	COTTER PIN
9	1704756	1	LINK, Lift, Upper Transport
10	1704825	1	CAM, Lift Assy.
11	1960044	3	WASHER, Plain, 21/64 x 1-1/4
12	1917356	2	LOCKWASHER, 5/16
13	1917372	2	NUT, Hex, 5/16-18
14	1922127	1	CAPSCREW, Hex Hd., 5/16-18 x 1-3/4 (Early models only)
15	1919381	2	WASHER, Plain, 5/16
16	1704620	1	BRACKET, Tension
17	1960020	2	WASHER, Plain, 5/8 (Early models only)
18	1704832	1	SPRING (Early models only)
19	1919438	1	NUT, Hex, ESNA Lock, 5/16-18 (Qty. 2 on later models)
20	1704332	1	SPACER
21	1685492	1	SHIFT LEVER KIT (Early models only)
22	1924361	1	WASHER, Plain
23	1704428	2	BUSHING, Plastic, 1/2 Dia.
24	176440	1	BUSHING, Nylon, 3/4 Dia.
25	1709236	1	SPRING, Torsion
26	1704421	1	LEVER, Shift
27	1676743	1	KNOB, Plastic
28	1705931	1	ROD, Lift Handle
29	172038	1	KNOB
30	1931317	2	CARRIAGE BOLT, 1/4-20 x 3/4
31	1921319	2	WASHER, Plain, 1/4
32	1916964	2	LOCKWASHER, 1/4
33	1916622	2	NUT, Hex, 1/4-20
34	1709211	1	STUD, 5/16-18 x 3-1/4
35	1709140	1	WASHER, H.T.
36	1677746	1	SPRING, Compression (Later models only)
37	1709043	1	SPACER
38	1709166	1	SHIFT LEVER ASSY. (Later models only)



Ref. No.	Part No.	Qty.	Description
1	1704134	1	SUPPORT, Bulkhead, R.H.
2	1707325	1	AIR DUCT
3	1707326	1	MOLDING, Air Duct
4	1707004	1	DASH ASSY. (Hydro models only)
	1707312	1	DASH ASSY. (Gear models only)
5	960368	10	PAL NUT, 1/4-20
6	1670675	2	PLUG, Bumper (Gear models only)
7	1921319	2	WASHER, Plain, 1/4
8	1709238	1	DASH, Lower
9	176440	1	BUSHING, Nylon
10	1925003	8	SCREW, Taptille, 1/4-20 x 1/2
11	1960295	20	CAPSCREW, Whizlock, 1/4-20 x 5/8
12	1704133	1	SUPPORT, Bulkhead, L.H.
13	1704879	1	SIDE PANEL ASSY., L.H.
14	171600	2	STRAP, Hood
15	1960096	2	WASHER, Special
16	1933896	2	NUT, Hex, Nylon, Lock, #10-24
17	1920397	10	NUT, Hex, Nylon, Lock, 1/4-20
18	1707580	1	BULKHEAD
19	1704927	1	GROMMET, Wire Harness
20	1704342	2	GROMMETS, Bulkhead
21	1703292	1	GRILLE
22	1704316	2	HINGE, Hood
23	1705249	2	SPACER
24	1960373	2	SCREW, Taptille, 5/16-18 x 1
25	1704626	2	SPACER, Hood
26	1704628	2	CLIP, Hairpin
27	1930601	2	SCREW, Taptille, 5/16-18 x 5/8
28	1705248	2	PIVOT, Hood
29	1704878	1	SIDE PANEL ASSY., R.H.
30	1703240	1	HOOD
31	1709187	1	PLUG, Hole, Hourmeter
32	1709188	1	PLUG, Hole, Electric Lift (Gear models only)



Seat, Deck & Fuel Tank Group

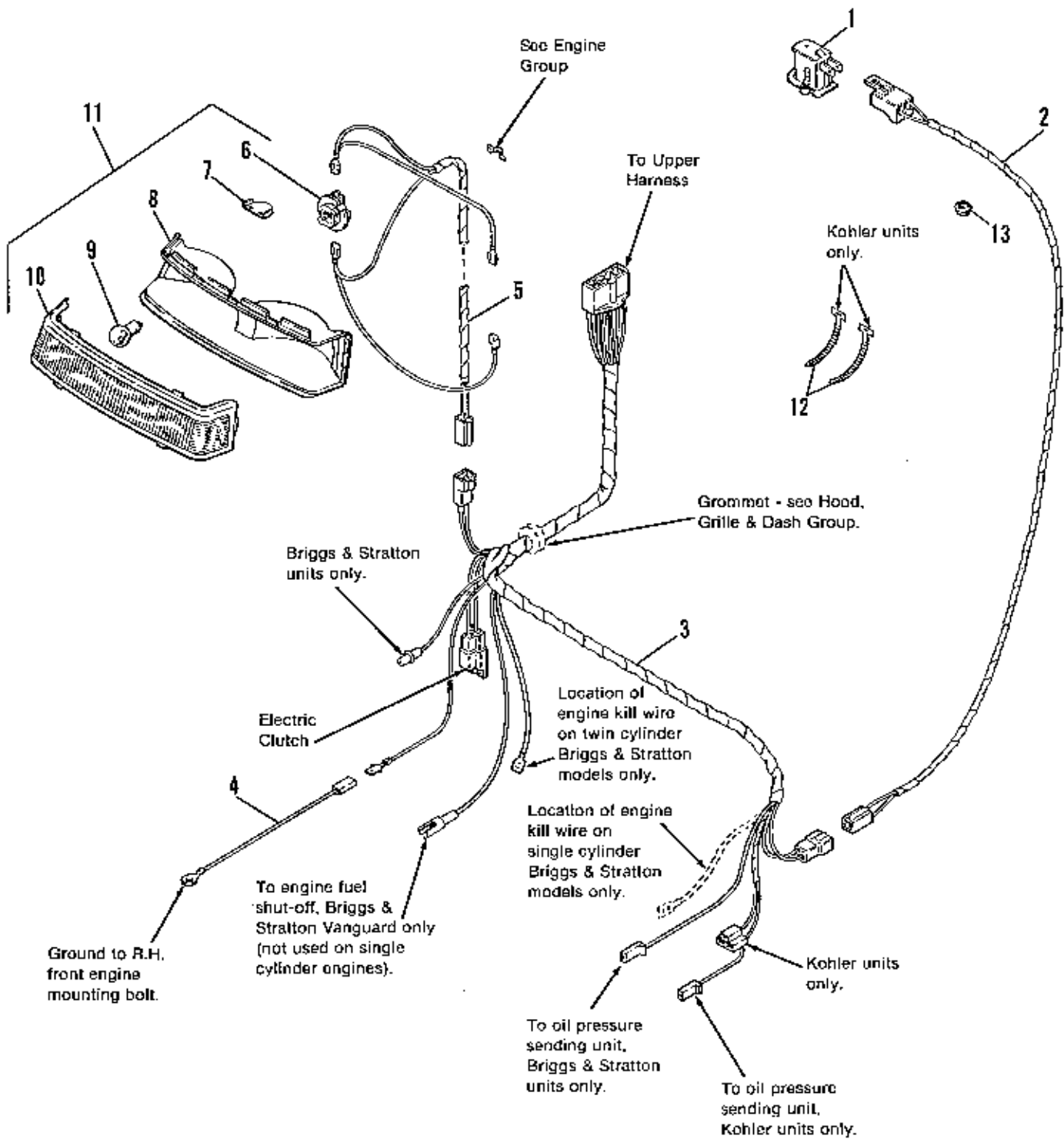
Ref. No.	Part No.	Qty.	Description
1	1707492	1	SEAT
2	1709307	1	SUPPORT, Seat Pivot (Later models)
	1685499	1	SUPPORT, Seat Pivot (Early models)
3	1931339	2	CARRIAGE BOLT, 5/16-18 x 2
4	935112	1	CLIP, Speed
5	1704299	2	SPACER
6	1704402	2	SPRING, Compression
7	1707101	1	PLATE, Switch
8	1704728	2	SPRING, Compression
9	1709256	2	WASHER, Plain
10	1707137	1	SPRING, Extension
11	1919438	2	NUT, Hex, Nylon Lock, 5/16-18
12	1704724	2	COVER, Spring
13	1707084	1	BRACKET, Seat Pivot
14	1931350	2	CARRIAGE BOLT, 3/8-16 x 1
15	1663752	2	SPACER
16	1924940	2	WASHER, Plain, 13/32
17	1960459	2	SCREW, Truss Hd., Torx drive, 3/8-16 x 1
18	1919439	2	NUT, Hex, Nylon Lock, 3/8-16
19	1704366	1	CAP, Fuel Gauge
20	1708054	1	TANK, Fuel
21	1704108	1	ELBOW & TUBE ASSY.
22	1654930	1	BUSHING
23	1708361	1	PLATE, Reinforcement
24	1925003	4	SCREW, Taptite, 1/4-20 x 1/2
25	1707487	1	SEAT DECK
26	1701229	1	BUSHING, Snap
27	1930601	2	SCREW, Taptite, 5/16-18 x 5/8
28	1931648	4	BOLT, Hex, Whizlock, 5/16-18 x 5/8
29	1928352	2	NUT, Hex, Flange, Whizlock, 5/16-18 x 1/2
30	1707131	1	BRACKET, Seat Slide
31	1704723	1	HANDLE, Grip
32	1707133	1	LEVER, Seat Release

* SIMPLICITY MODELS:

Parts listed on pages 36-37 are used on later gear model 1691891 (after serial no. 3074) and all hydro models 1692071, 1692073, 1692105, and 1692106. Refer to TP-1156-03 for early model year configuration.

* DEUTZ/AGCO ALLIS MODELS:

Parts listed on pages 36-37 are used on later gear model 1681893 (after serial no. 3074) and all hydro models 1692075, 1692076, 1692109, and 1692110. Refer to TP-1166-02 for early model year configuration.

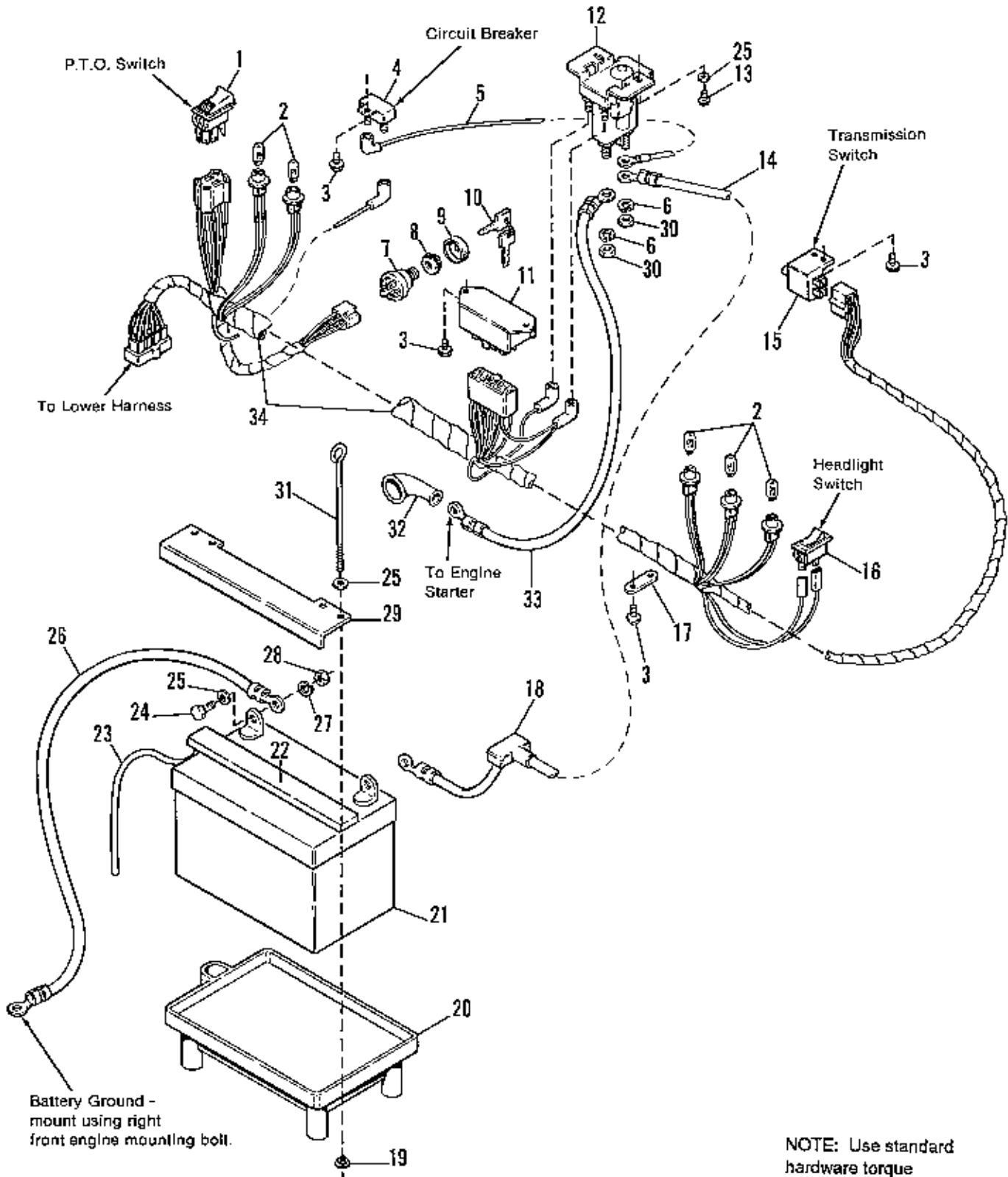


NOTE: Use standard hardware torque specifications chart unless otherwise noted.

Electrical Group (Lower Harness)

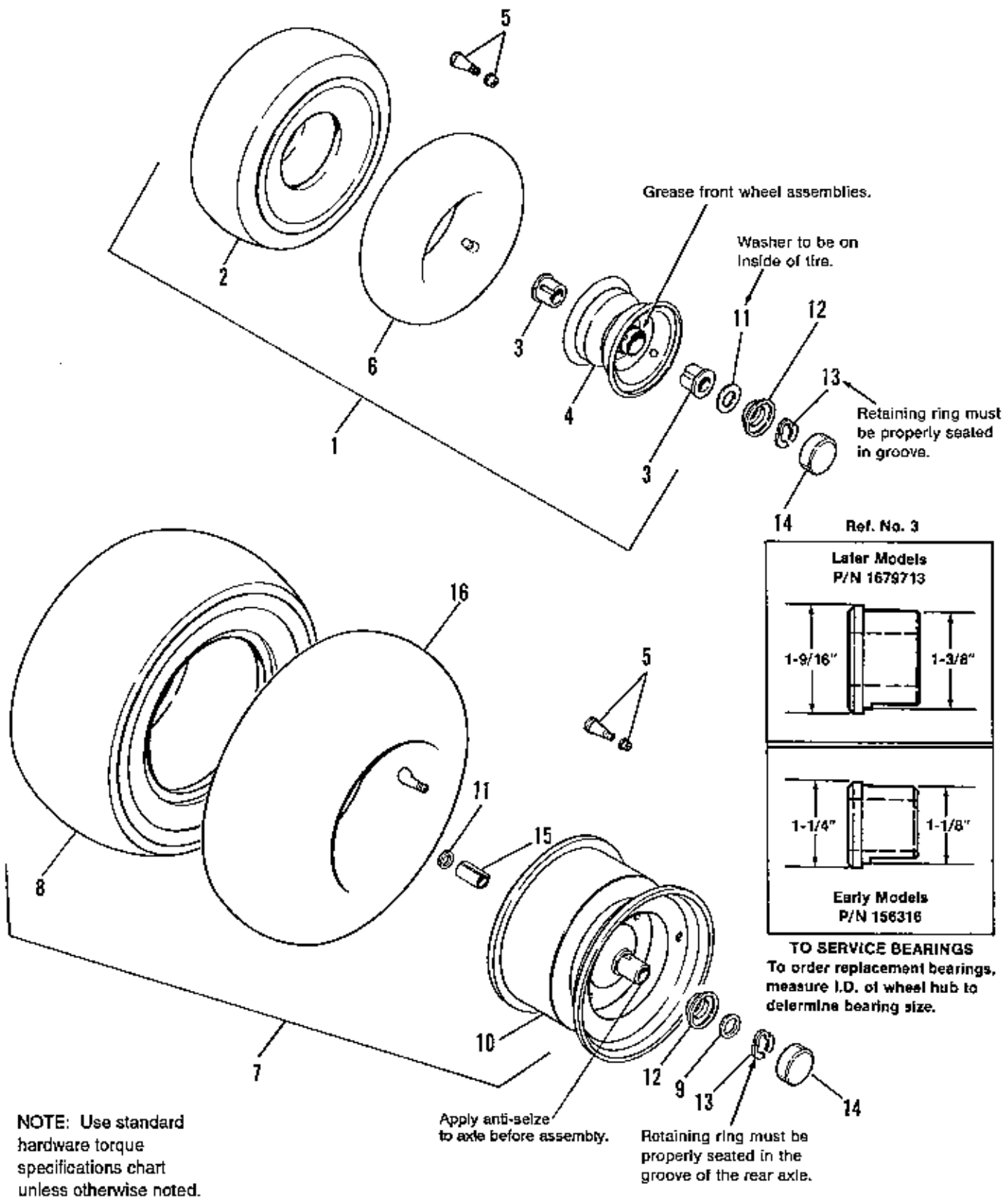
Ref. No.	Part No.	Qty.	Description
1	1709359	1	SWITCH, Seat, Operator Present
2	1704877	1	WIRE ASSY., Seat Switch
3	1704377	1	HARNESS ASSY., Lower (Twin Cylinder Briggs & Stratton Vanguard)
	1705447	1	HARNESS ASSY., Lower (Single Cylinder Kohler Command)
	1704378	1	HARNESS ASSY., Lower (Single Cylinder Briggs & Stratton)
4	1707232	1	WIRE ASSY., Engine Ground
5	1674358	1	WIRE ASSY., Headlight
6	1677370	2	SOCKET, Bulb
7	1703946	2	HEAT SHIELD
8	1703249	1	BEZEL, Headlight
9	1677371	2	BULB, Headlight, 12.8V
10	1703248	1	LENS, Headlight
11	1703945	1	HEADLIGHT ASSY. (Incl. Ref. Nos. 6 - 10)
12	1701011	2	TIE, Cable
13	1701229	3	BUSHING, Snap (Qty. 2 on 12.5 HP Hydro, Qty. 1 on 12.5 HP Gear)

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Electrical Group (Main Harness)

Ref. No.	Part No.	Qty.	Description
1	1703798	1	SWITCH, PTO, Electric Clutch
2	1676130	5	BULB, Indicator Light
3	1960369	7	SCREW, Plastite, #8-16 x 1/2
4	1665238	1	CIRCUIT BREAKER
5	1665237	1	WIRE ASSY.
6	1917356	2	LOCKWASHER, 5/16
7	1679006	1	SWITCH, Ignition
8	1704347	1	ADAPTER, Nut
9	1704346	1	COVER, Key Switch
10	1704348	1	KEYS
11	1703972	1	MODULE
12	1685290	1	SOLENOID
13	1960256	2	SCREW, Plastite, 1/4-20 x 5/8
14	1603618	1	CABLE, Battery to Solenoid
15	1701521	1	SWITCH, Transmission, Neutral Start
16	1703799	1	SWITCH, Headlight
17	1704614	1	STRAP, Wire Retainer
18	1677296	1	BOOT, Insulator
19	1704349	2	NUT, Plastic, 1/4-20
20	1704112	1	TRAY, Battery
21	1685215	1	BATTERY, 39 Amp
22	1704581	1	VENT, Battery
23	1612103	1	HOSE, Battery, Drain
24	1923341	2	CAPSCREW, Hex, 1/4-20 x 3/4
25	1921319	6	WASHER, Plain, 9/32
26	1704635	1	CABLE, Battery to Ground
27	1916964	2	LOCKWASHER, 1/4
28	1916622	2	NUT, Hex, Full, 1/4-20
29	1669831	1	HOLD DOWN, Battery
30	1920263	2	NUT, Hex, 5/16-24
31	1704632	2	ROD, Battery Hold Down
32	122023	1	COVER, Terminal
33	1668819	1	CABLE, Solenoid to Starter
34	1704376	1	HARNESS, Upper



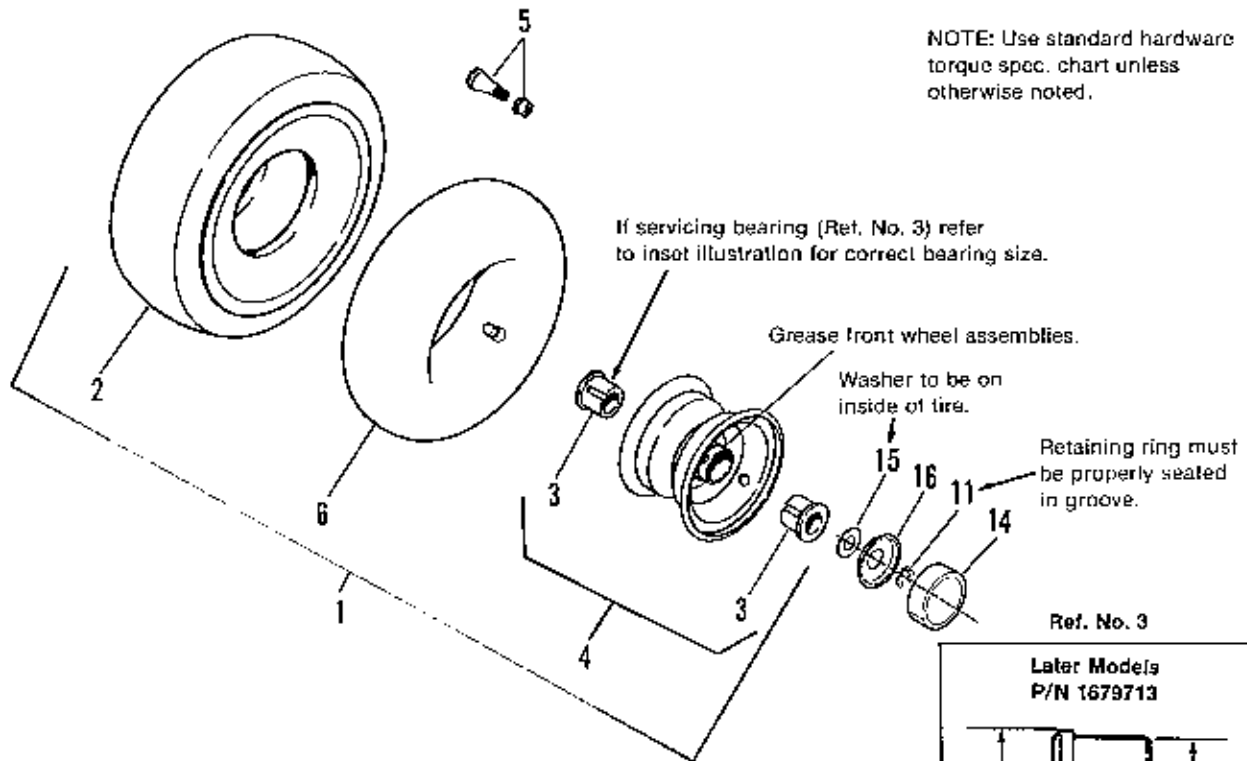
Wheels & Tires Group (Gear)

Ref. No.	Part No.	Qty.	Description
1	1705376	2	WHEEL & TIRE ASSY. (15 x 6.00-6), Beige (Incl. Ref. Nos. 2, 3, 4, 5, & 6)
	1705378	2	WHEEL & TIRE ASSY. (15 x 6.00-6), Silver (Incl. Ref. Nos. 2, 3, 4, 5, & 6)
2	1653618	2	TIRE (15 x 6.00-6)
3	1679713	4	BEARING, 1-9/16" Outside O.D., 1-3/8" Inside O.D. (To be used with Later Model Wheel Assembly. See inset illustration on page 42.)
	156316	4	BEARING, 1-1/4" Outside O.D., 1-1/8" Inside O.D. (To be used with Early Model Wheel Assembly. See inset illustration on page 42.)
4	1705377	2	WHEEL ASSY. (Incl. Ref. No. 3), Beige
	1705379	2	WHEEL ASSY., Silver
5	172353	4	VALVE STEM & CAP
6	1664090	1	TUBE (4.10/3.50-6) Service Only. See Note Below.
7	1673244	2	WHEEL & TIRE ASSY. (18 x 8.50-8), Beige (Incl. Ref. Nos. 5, 8 & 10)
	1677545	2	WHEEL & TIRE ASSY. (18 x 8.50-8), Silver (Incl. Ref. Nos. 5, 8 & 10)
8	1655916	2	TIRE (18 x 8.50-8)
9	1980114	2	WASHER (Rear Axle)
10	1673245	2	WHEEL ASSY., Beige
	1677546	2	WHEEL ASSY., Silver
11	1960160	4	WASHER
12	1701435	2	RETAINER, Hubcap
13	1611710	4	KLIP RING
14	1676519	4	HUBCAP
15	1667191	2	SPACER, Axle
16	164247	2	TUBE (18 x 8.5-8)

NOTE: Simplicity Tire Sealant can be used to repair tires in place of tubes.

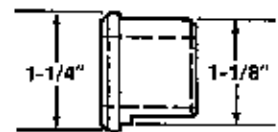
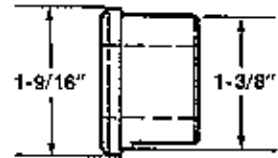
A-112035

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



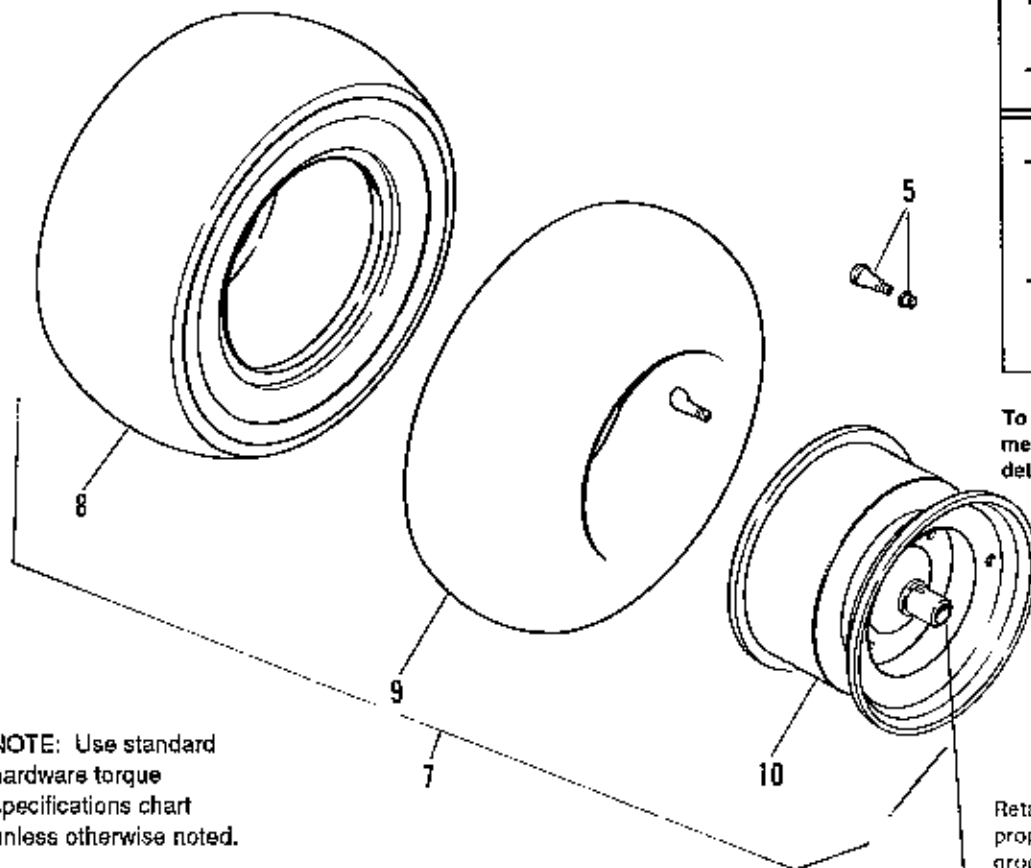
Ref. No. 3

Later Models
P/N 1679713



Early Models
P/N 156316

TO SERVICE BEARINGS
To order replacement bearings, measure I.D. of wheel hub to determine bearing size.



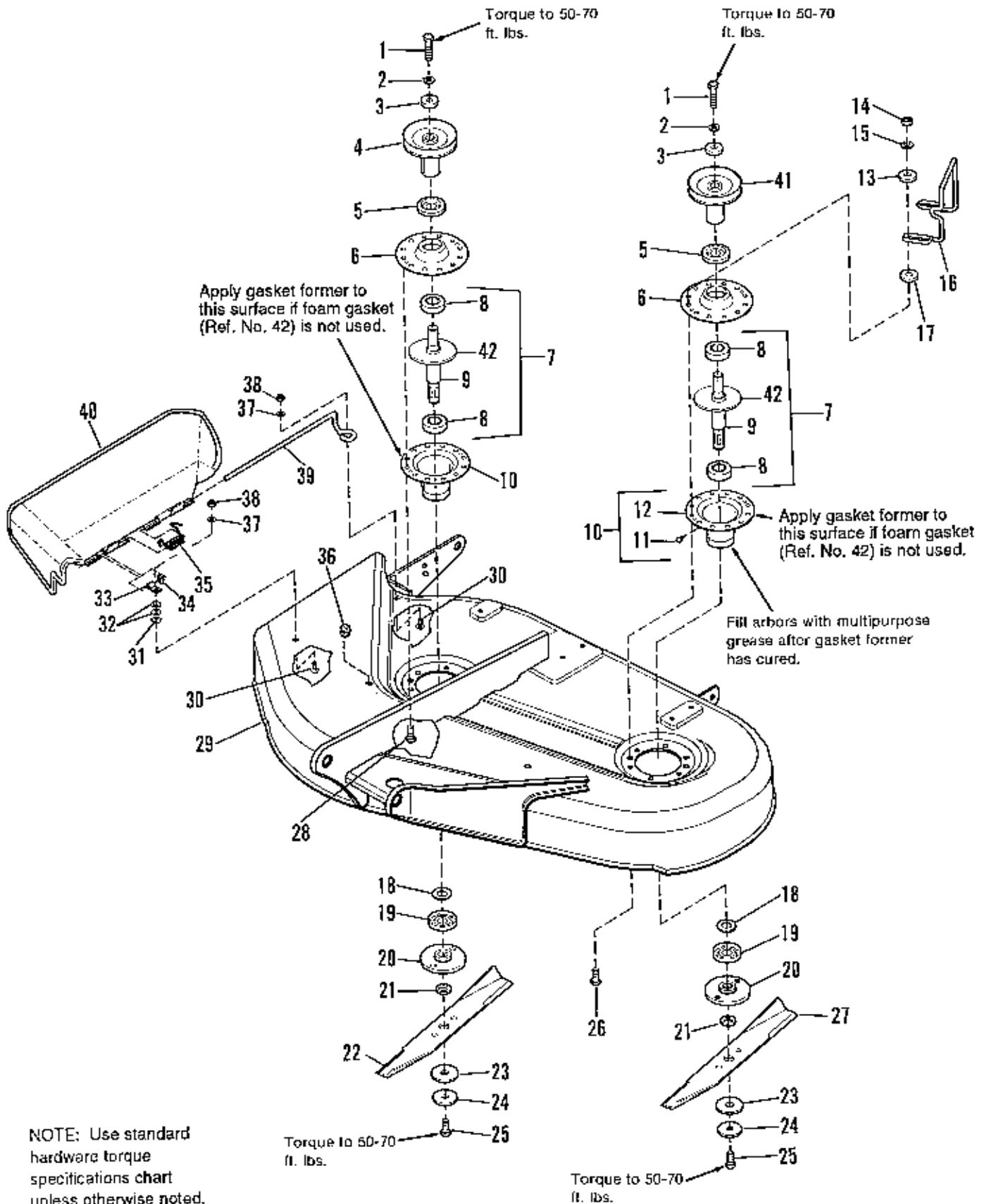
Wheels & Tires Group (Hydro)

Ref. No.	Part No.	Qty.	Description
1	1705376	2	WHEEL & TIRE ASSY. (15 x 6.00-6), Beige (Incl. Ref. Nos. 2, 3, 4, & 5)
	1705378	2	WHEEL & TIRE ASSY. (15 X 6.00-6), Silver (Incl. Ref. Nos. 2, 3, 4, & 5)
2	1653618	2	TIRE (15 x 6.00-6)
3	1679713	4	BEARING, 1-9/16" Outside O.D., 1-3/8" Inside O.D. (To be used with Later Model Wheel Assembly. See inset illustration on page 44.)
	156316	4	BEARING, 1-1/4" Outside O.D., 1-1/8" Inside O.D. (To be used with Early Model Wheel Assembly. See inset illustration on page 44.)
4	1705377	2	WHEEL ASSY. Beige
	1705379	2	WHEEL ASSY., Silver Later Models, Incl. Ref. No. 3, P/N 1679713. (See inset illustration on page 44 for proper Wheel Bearing for Early Models.)
5	172353	4	VALVE STEM & CAP
6	1664090	1	TUBE (4.10/3.50-6) See Note Below.
7	* 1708951	2	WHEEL & TIRE ASSY. (18 x 8.50-8), Beige (Incl. Ref. Nos. 5, 8, 9, & 10)
	* 1708953	2	WHEEL & TIRE ASSY. (18 x 8.50-8), Silver (Incl. Ref. Nos. 5, 8, 9, & 10)
	* 1673329	2	WHEEL & TIRE ASSY. (20 x 8.0-10), Beige (Incl. Ref. Nos. 5, 8, 9, & 10)
	* 1677556	2	WHEEL & TIRE ASSY. (20 x 8.0-10), Silver (Incl. Ref. Nos. 5, 8, 9, & 10)
8	* 1655916	2	TIRE (18 x 8.50-8)
	* 173456	2	TIRE (20 x 8.0-10)
9	* 164247	2	TUBE (For 18 x 8.5-8 tire)
	* 173477	2	TUBE (For 20 x 8.0-10 tire)
10	* 1708952	2	WHEEL ASSY. (8" Diameter), Beige
	* 1708954	2	WHEEL ASSY. (8" Diameter), Silver
	* 1672235	2	WHEEL ASSY. (10" Diameter), Beige
	* 1677557	2	WHEEL ASSY. (10" Diameter), Silver
11	1611710	2	KLIP RING
12	1676520	2	RETAINER, Hubcap
13	932577	2	RING, Retaining, 1" Dia.
14	1676519	4	HUBCAP
15	1960160	2	WASHER, Special
16	1701435	2	RETAINER, Hubcap

*Check wheel and tire size and color before ordering service parts.

NOTE: Simplicity Tire Sealant can be used to repair tires in place of tubes.

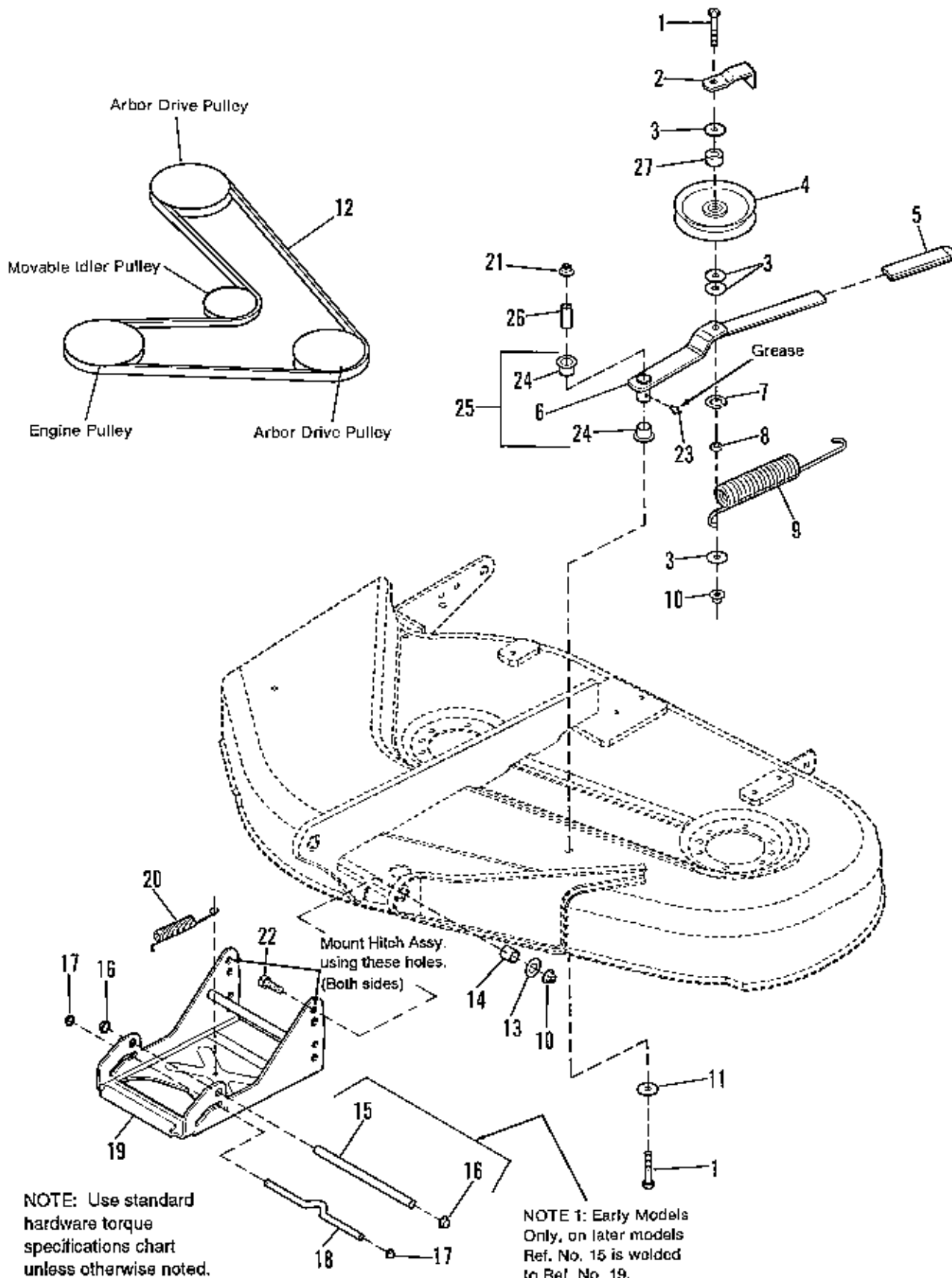
**2036



Ref. No.	Part No.	Qty.	Description
1	1930585	2	CAPSCREW, Hex Hd., 7/16-14 x 3-1/2
2	1918199	2	LOCKWASHER, 7/16
3	1933263	2	WASHER, Plain
4	1704120	1	PULLEY ASSY., R.H.
5	1657969	2	SHIELD, Grass, Upper
6	1655729	2	HOUSING, Arbor, Top
7	1685251	2	SHAFT & BEARING ASSY. (Incl. Ref. Nos. 8 & 9)
8	108202	4	BEARING
9	1685245	2	SHAFT, Arbor (Incl. Ref. No. 21)
10	1703273	2	HOUSING ASSY., Arbor, Bottom (Incl. Ref. Nos. 11 & 12)
11	1704314	2	GREASE FITTING
12		1	HOUSING, Bottom (See Ref. No. 10)
13	1919381	4	WASHER, Flat, 5/16
14	1917372	4	NUT, Hex, 5/16-18
15	1917356	4	LOCKWASHER, 5/16
16	1704099	2	GUIDE, Upstop, Belt
17	1924356	4	WASHER, Flat
18	1700230	2	WASHER, Shim
19	1700229	2	SHIELD, Grass, Lower
20	1655777	2	ADAPTOR, Blade
21	1672132	2	COLLAR, Mower Arbor
22	1704101	1	BLADE, Mower
23	1656927	2	WASHER, Spline
24	1656916	2	WASHER, Spring
25	1923491	2	CAPSCREW, Hex Hd., 7/16-14 x 1
26	1930600	4	SCREW, Hex, Tapite, 5/16 x 1-1/2
27	1704856	1	BLADE, Mower
28	1664847	8	SCREW, Hex, Tapite, 5/16 x 3/4
29	1685410	1	MOWER HOUSING ASSY. (Orange)
	61685410	1	MOWER HOUSING ASSY. (Black)
	71685410	1	MOWER HOUSING ASSY. (Green)
30	1931318	2	CARRIAGE BOLT, 1/4-20 x 7/8
31	1676436	1	NUT, Push On
32	1960353	2	WASHER, Plain
33	1704873	1	CLAMP
34	1919326	1	WASHER, Plain, 5/16
35	1705080	1	SPRING
36	1705115	1	PLUG, Hole
37	1916964	2	LOCKWASHER, 1/4
38	1916622	2	NUT, Hex Hd., 1/4-20
39	1706709	1	ROD, Deflector, Front
40	1705449	1	DEFLECTOR, Plastic
41	1704119	1	PULLEY ASSY., L.H.
42	1707335	2	GASKET, Foam

Ref. No.	Part No.	Qty.	Description
1	1923471	2	CAPSCREW, Hex Hd., 7/16-14 x 1-1/4
2	1918199	3	LOCKWASHER, 7/16
3	1933263	3	WASHER, Plain
4	1704123	2	PULLEY ASSY., Deck Drive
5	1657969	3	SHIELD, Grass, Upper
6	1655729	3	HOUSING, Arbor, Top
7	1685245	3	SHAFT, Arbor (Includes Ref. No. 21)
8	108202	6	BEARING
9	1685251	3	SHAFT & BEARING ASSY. (Center & Outer) (Incl. Ref. Nos. 7 & 8)
10	1930585	1	CAPSCREW, Hex Hd., 7/16-14 x 3-1/2
11	1704121	1	PULLEY ASSY.
12	1703273	3	HOUSING ASSY., Arbor, Bottom (Incl. Ref. Nos. 13 & 14)
13	1704314	3	GREASE FITTING
14		3	HOUSING, Arbor, Bottom (See Ref. No. 12)
15	1664847	7	SCREW, Hex, Taptite, 5/16-18 x 3/4
16	1704373	1	COVER, Arbor
17	1664847	18	SCREW, Hex, Taptite, 5/16 x 3/4
18	1700230	3	WASHER, Shim
19	1700229	3	SHIELD, Grass, Bottom
20	1655777	3	ADAPTOR, Blade
21	1672132	3	COLLAR, Mower Arbor
22	1704100	3	BLADE, Mower
23	1656927	3	WASHER, Spline
24	1656916	3	WASHER, Spring
25	1923491	3	CAPSCREW, Hex Hd., 7/16-14 x 1
26	1685411	1	MOWER HOUSING ASSY., Mower (Orange)
	61685411	1	MOWER HOUSING ASSY., Mower (Black)
	71685411	1	MOWER HOUSING ASSY., Mower (Green)
27	1931318	2	CARRIAGE BOLT, 1/4-20 x 7/8
28	1705115	1	PLUG, Hole
29	1703601	1	COVER, Arbor
30	1676436	1	NUT, Push On
31	1960353	2	WASHER, Plain
32	1704873	1	CLAMP
33	1919328	1	WASHER, Plain, 5/16
34	1705080	1	SPRING
35	1916964	2	LOCKWASHER, 1/4
36	1916622	2	NUT, Hex, 1/4-20
37	1706709	1	ROD, Deflector, Front
38	1705449	1	DEFLECTOR, Plastic
39	1707335	3	GASKET, Foam

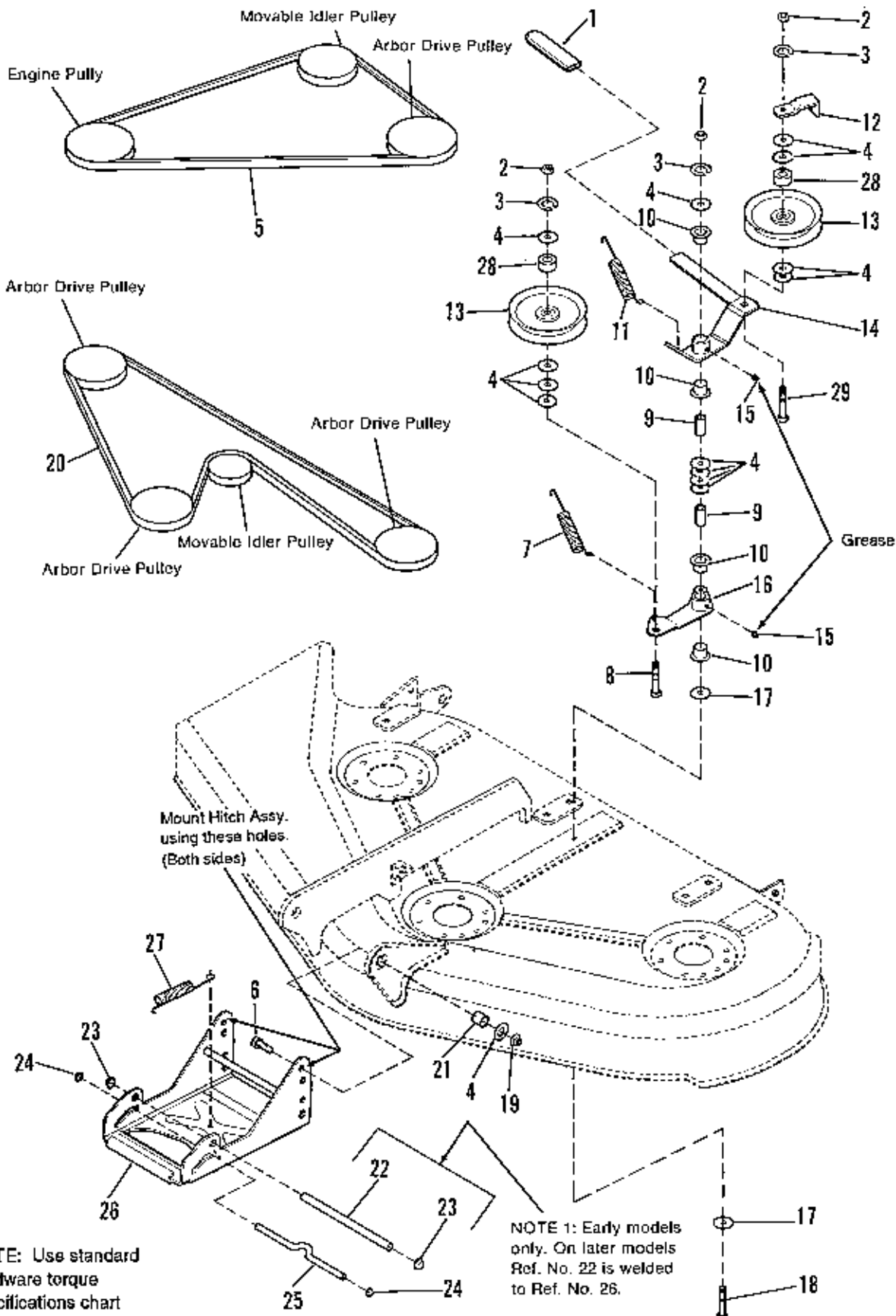
**2038



Ref. No.	Part No.	Qty.	Description
1	1928957	2	CAPSCREW, Hex Hd., 3/8-16 x 2-3/4
2	1677135	1	GUARD, Spring
3	1922755	4	WASHER, Plain
4	1685150	1	IDLER PULLEY (Includes Ref. No. 27)
5	1665835	1	GRIP, Lever
6		1	CLUTCH LEVER ASSY. (See Ref. No. 25)
7	1916965	1	LOCKWASHER, 3/8
8	1916950	1	NUT, Hex, Full, 3/8-16
9	1666786	1	SPRING
10	1919439	3	NUT, Hex, Lock, 3/8-16
11	1924356	1	WASHER
12	1666698	1	V-BELT
13	1924940	2	WASHER, Plain, 3/8 I.D.
14	157081	2	SPACER
15	*1704085	1	ROD, Mower Hitch (Early models only)
16	*1678038	2	NUT, Push On, 1/2 (Early models only)
17	1960093	2	NUT, Push On, 3/8
18	1704129	1	ROD, Latch
19	1708403	1	HITCH ASSY.
20	106681	1	SPRING
21	1928352	1	NUT, Hex, Flange, Whizlock, 3/8-16
22	1921969	2	CAPSCREW, Hex, 3/8-16 x 1-1/2
23	912808	1	FITTING, Grease
24	1663114	2	BUSHING
25	1704520	1	CLUTCH LEVER ASSY. w/Bushing (Incl. Ref. Nos. 6 & 24)
26	1657242	1	SPACER
27	1666294	1	SPACER

*See "Note 1" on page 50.

**2039

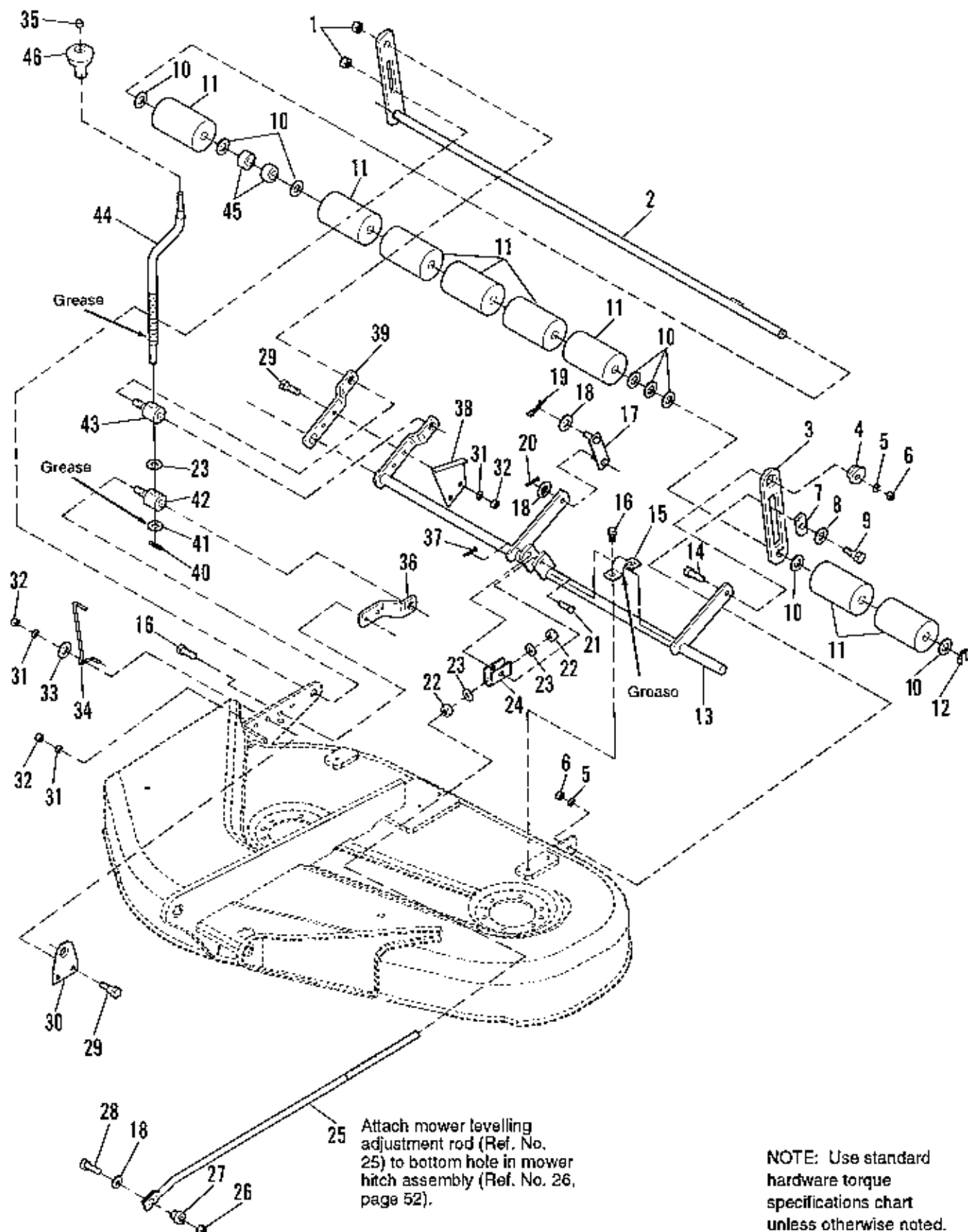


44" Mowers

44" Clutch & Support Group

Ref. No.	Part No.	Qty.	Description
1	1665835	1	GRIP, Lever
2	1916950	3	NUT, Hex, 3/8-16
3	1916965	3	LOCKWASHER, 3/8
4	1924940	15	WASHER, 5/16
5	1601672	1	V-BELT, Mower Drive
6	1921969	2	CAPSCREW, Hex Hd., 3/8-16 x 1-1/2
7	1656936	1	SPRING
8	1931353	1	CARRIAGE BOLT, 3/8-16 x 1-3/4
9	1674669	2	SPACER
10	1678148	4	BUSHING
11	1688786	1	SPRING
12	1677135	1	IDLER, Stop
13	1685150	2	PULLEY, Idler (Includes Ref. No. 28)
14	1704658	1	LEVER ASSY, Idler (Incl. Qty. 1, Ref. No. 15; Qty 2, Ref. No. 10)
15	912808	2	GREASE FITTING
16	1704659	1	LEVER ASSY., Idler Arm (Incl. Qty. 1, Ref. No. 15; Qty 2, Ref. No. 10)
17	1924356	2	WASHER
18	1923938	1	CAPSCREW, Hex Hd., 3/8-16 x 3-1/2
19	1919439	2	NUT, Hex, Lock, 3/8-16
20	1607813	1	V-BELT, Arbor Drive
21	157081	2	SPACER
22	*1704085	1	ROD, Mower Hitch
23	*1678038	2	NUT, Push On
24	1960093	2	NUT, Push On
25	1704129	1	ROD, Latch
26	1708403	1	HITCH ASSY.
27	106681	1	SPRING
28	1666294	2	SPACER
29	1960315	1	CARRIAGE BOLT, 3/8-16 x 2

*See "Note 1" on page 52.

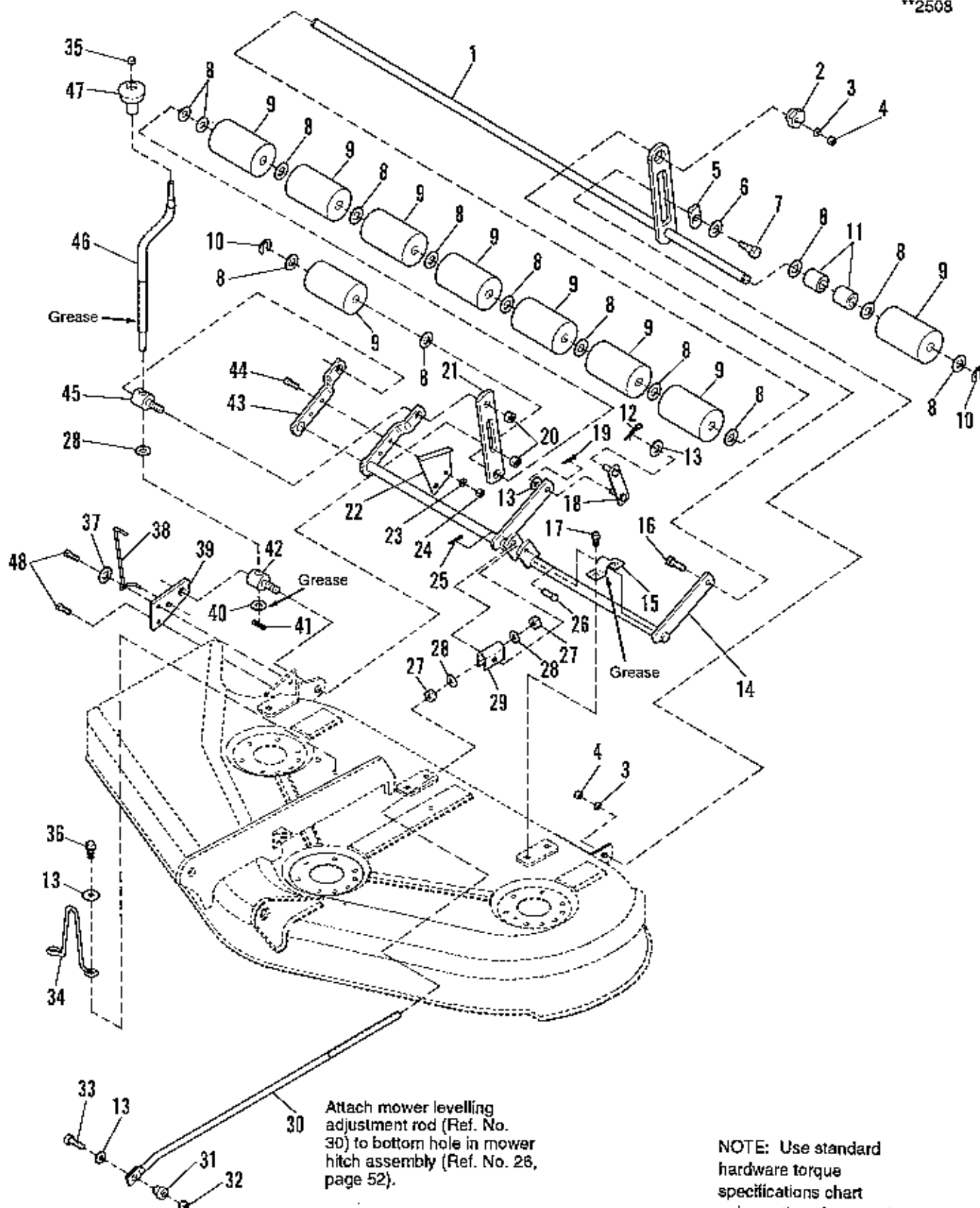


38" Mowers

38" Height Adjusting & Roller Group

Ref. No.	Part No.	Qty.	Description
1	1930644	2	NUT, Hex, Flange, Lock, 1/2-13
2	1705058	1	SHAFT ASSY., Roller
3	1704073	1	BAR, Roller
4	1704082	1	NUT, Adjustor
5	918965	2	LOCKWASHER, 3/8
6	918950	2	NUT, Hex Hd., 3/8-16
7	1677507	1	SLIDE
8	1924361	1	WASHER, Plain, 1/2
9	172622	1	BOLT, Shoulder, 3/8-16
10	1924366	8	WASHER, Plain, 41/64 x 1-1/4
11	1668513	8	ROLLER
12	153124	1	RING, Retaining
13	1704104	1	ARM ASSY., Mower
14	1931352	1	CARRIAGE BOLT, 3/8-16 x 1-1/2
15	1665374	2	STRAP, Mower Arm Assy.
16	1664847	6	SCREW, Hex, Tapite, 5/16 x 3/4
17	1705049	1	LINK ASSY., Lift
18	1924940	3	WASHER, Plain, 13/32
19	178012	1	COTTER PIN
20	1918448	1	COTTER PIN
21	118053	1	PIN, Clevis
22	1913744	2	NUT, Hex, Jam, 1/2-13
23	1980170	3	WASHER, 33/64
24	1704081	1	TRUNNION
25	1704093	1	ROD, Adjustment
26	1928352	1	NUT, Hex, Whizlock, 3/8-16
27	1706644	1	SPACER
28	1922606	1	CAPSCREW, Hex Hd., 3/8-16 x 1-3/4
29	1921977	4	CAPSCREW, Hex Hd., 5/16-18 x 1-1/4
30	1704115	1	PLATE, Support
31	1917356	4	LOCKWASHER, 5/16
32	1917372	4	NUT, Hex, 5/16-18
33	1919381	1	WASHER, Flat, 5/16
34	1704114	1	INDICATOR, Cutting Height
35	1960093	1	PAL NUT
36	1704077	1	STRAP, Trunnion Retainer
37	1918452	1	COTTER PIN
38	1704118	1	BRACKET, Cutting Height
39	1704083	1	ARM, Rear, Mower, R.H.
40	916001	1	PIN, Roll, 1"
41	1704097	1	WASHER, Detent
42	1704086	1	TRUNNION
43	1704087	1	TRUNNION, Threaded
44	1704094	1	CRANK, Cutting Height
45	1602946	2	SPACER
46	1668190	1	KNOB

**2508

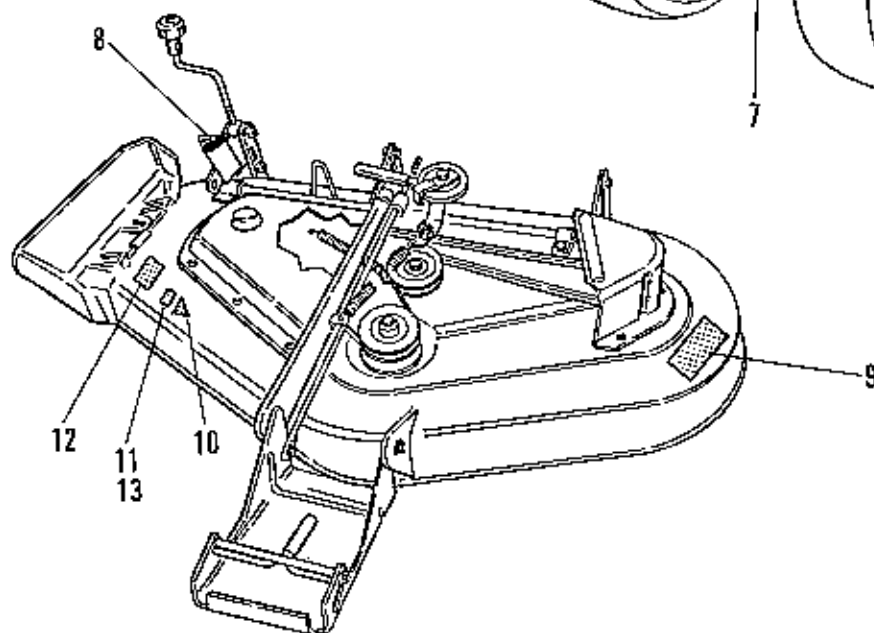
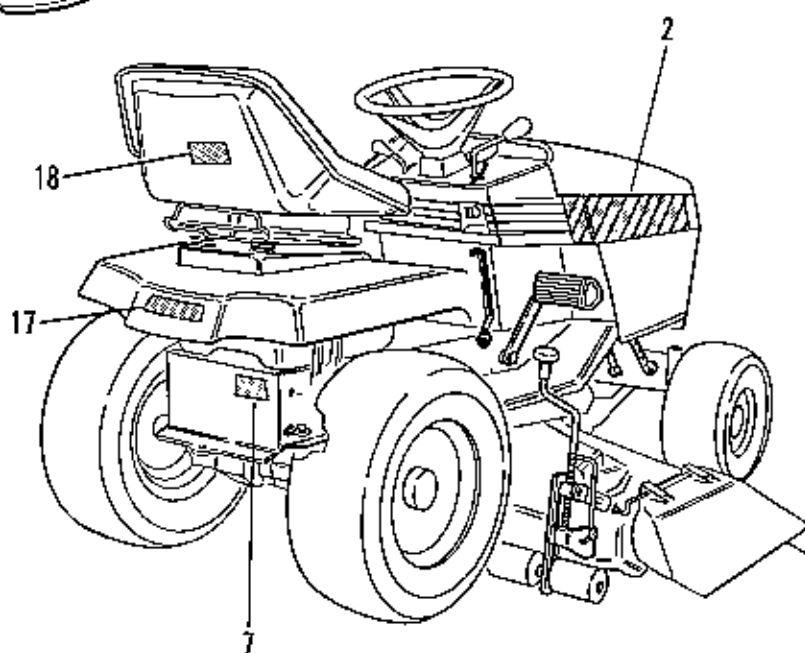
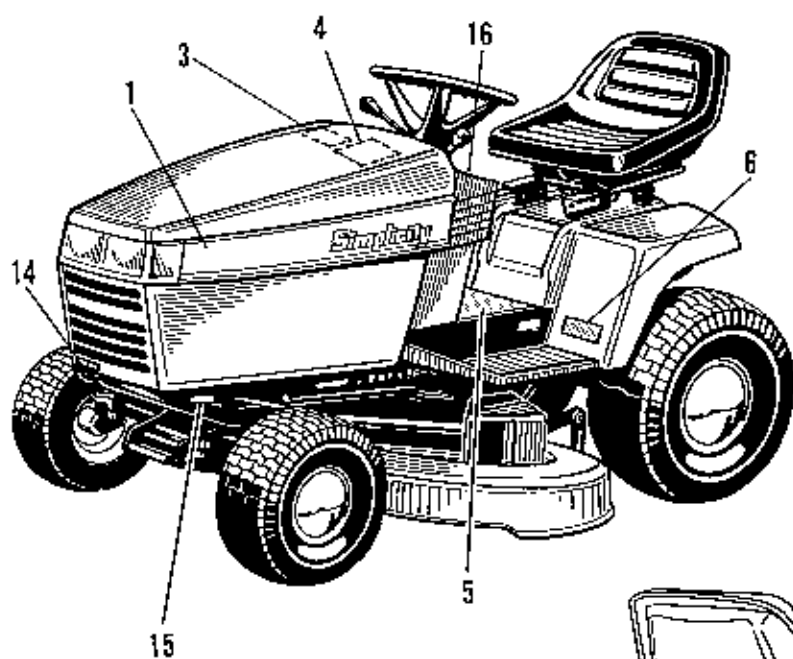


44" Mowers

44" Height Adjusting & Roller Group

Ref. No.	Part No.	Qty.	Description
1	1685443	1	SHAFT ASSY., Roller, 44"
2	1704082	1	NUT, Adjuster
3	916965	2	LOCKWASHER
4	916950	2	NUT, Hex, 3/8-16
5	1677507	1	SLIDE
6	1924361	1	WASHER, Plain, 1/2
7	172622	1	BOLT, Shoulder, 3/8-16
8	1924366	14	WASHER, Plain, 1-1/4
9	1688513	9	ROLLER
10	153124	2	RING, Retaining
11	1602946	2	SPACER
12	176012	1	CLIP, Pin, Safety
13	1924940	5	WASHER, Plain
14	1704103	1	ARM ASSY., Mower
15	1665374	3	STRAP, Mower Arm Assy.
16	1931352	1	CARRIAGE BOLT, 3/8-16 x 1-1/2
17	1664847	6	SCREW, Hex, Taplrite, 5/16 x 3/4
18	1705049	1	LINK ASSY, Lift
19	1918448	1	COTTER PIN
20	1930644	2	NUT, Hex, Flange Lock, 1/2-13
21	1704074	1	BAR, Roller
22	1704116	1	BRACKET, Cutting Height
23	1917356	2	LOCKWASHER, 5/16
24	1917372	2	NUT, Hex, 5/16-18
25	1918452	1	COTTER PIN
26	118053	1	PIN, Clevis
27	1913744	2	NUT, Hex, Jam, 1/2-13
28	1960170	3	WASHER, 33/64
29	1704081	1	TRUNNION
30	1704093	1	ROD, Adjustment
31	1706644	1	SPACER
32	1928352	1	NUT, Hex, Whizlock, 3/8-16
33	1922606	1	CAPSCREW, Hex, 3/8-16 x 1-3/4
34	1704098	1	UP-STOP, Mower
35	1960093	1	PAL NUT
36	1960373	2	SCREW, Taplrite, 5/16 x 1
37	1919381	1	WASHER, Flat, 5/16
38	1704114	1	INDICATOR, Cutting Height
39	1704080	1	PLATE, Mower Support
40	1704097	1	WASHER, Detent
41	916001	1	PIN, Roll, 1" Long
42	1704086	1	TRUNNION
43	1704083	1	ARM, Rear, Mower, R.H.
44	1921977	2	CAPSCREW, Hex, 5/16-18 x 1-1/4
45	1704087	1	TRUNNION, Threaded
46	1704094	1	CRANK, Cutting Height
47	1668190	1	KNOB, Height Crank
48	1960373	2	SCREW, Taplrite, 5/16-18 x 1

*1956
*1979



Ref. No.	Part No.	Qty.	Description
1	1704462	1	DECAL, Hood, L.H., LTH Models
	1708608	1	DECAL, Hood, L.H., Broadmoor 16H
	1708810	1	DECAL, Hood, L.H., Broadmoor 14H
	1708864	1	DECAL, Hood, L.H., Broadmoor 12.5H
	1708812	1	DECAL, Hood, L.H., Broadmoor 12.5G
2	1704463	1	DECAL, Hood, R.H., LTH Models
	1708609	1	DECAL, Hood, R.H., Broadmoor 16H
	1708811	1	DECAL, Hood, R.H., Broadmoor 14H
	1708865	1	DECAL, Hood, R.H., Broadmoor 12.5H
	1708813	1	DECAL, Hood, R.H., Broadmoor 12.5G
3	1709061	1	DECAL, Paint (Early Models Only)
4	1709065	1	DECAL, Belt, Blade
5	1708280	1	DECAL, Operating Inst.
6	1704464	1	DECAL, 12.5 LTH (Early Models Only)
	1706042	1	DECAL, 12.5 LTG (Early Models Only)
	1704465	1	DECAL, 16 LTH (Early Models Only)
7	1704474	1	DECAL, Push Valve (Hydrostatic Units only)
8	1704131	1	DECAL, Mower Height
9	1704276	1	DECAL, Danger (Hand Under Deck)
10		1	DECAL, OPEI (Not Serviced)
11	1704477	1	DECAL, Cutting Width, 38"
12	1704277	1	DECAL, Danger (Chute in Place)
13	1704478	1	DECAL, Cutting Width, 44"
14	1704473	1	DECAL, Grille, Hot
15		1	I.D. PLATE (Not Serviced)
16	1704466	1	DECAL, Choke (Dash), 12.5 and 14 HP Kohler Only
17	1668202	1	DECAL, Logo (Simplicity)
18	1708927	1	DECAL, USA Logo
Not Shown:		1	DECAL, Battery (Not Serviced)
	1708995	1	DECAL, Engine 16 H.P.
	1708996	1	DECAL, Engine 12.5 H.P.
	1707948	1	DECAL, Engine, 14 H.P.

[illegible]

Ref. No. 5

TRANSMISSION RELEASE VALVE LEVER

PULL ROD REARWARD AND LATCH IN THE UP POSITION
TRACTOR MAY NOW BE MOVED BY MANUALLY PUSHING OR PULLING.



Ref. No 7 (Hydro Unit)

HOT  

Ref. No 14



DANGER

ROTATING CUTTING BLADE
DO NOT PUT HANDS
OR FEET UNDER
MOWER DECK WHILE
BLADE IS ROTATING.

Ref. No. 9

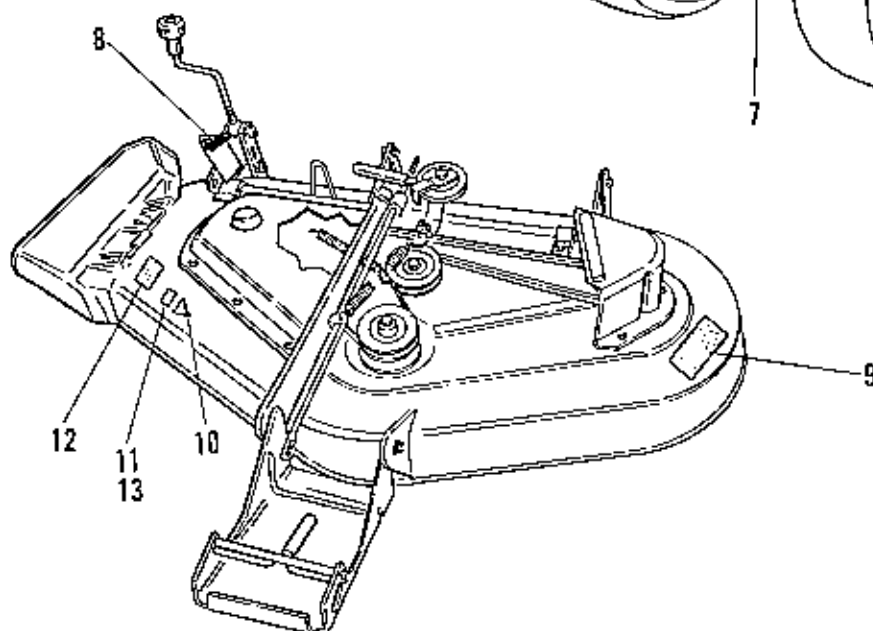
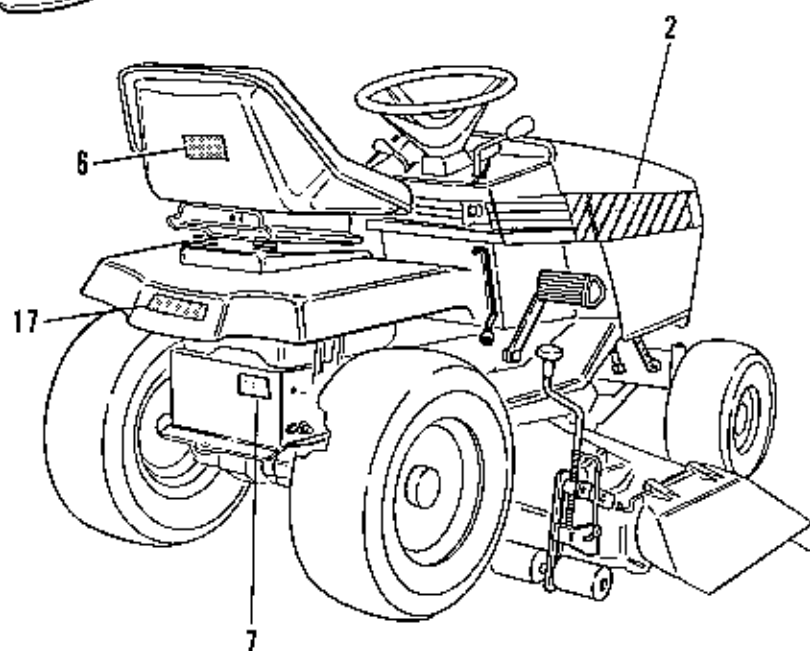
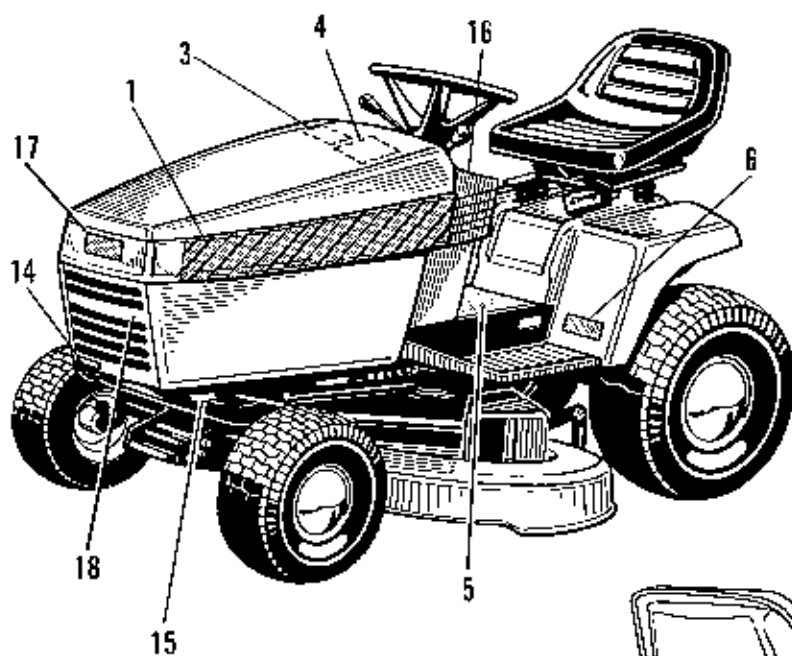
SAFETY DECALS

⚠ DANGER

**ROTATING CUTTING BLADE
DO NOT OPERATE MOWER
WITHOUT DEFLECTOR
OR ENTIRE GRASS
CATCHER IN PLACE.**

Ref. No. 12

*1956
*1979



Decal Group

Ref. No.	Part No.	Qty.	Description
1	1704589	1	DECAL, Hood, L.H., Deutz Allis - All Models
	1708911	1	DECAL, Hood, L.H., AGCO Allis, 16H
	1708941	1	DECAL, Hood, L.H., AGCO Allis, 14H
	1708814	1	DECAL, Hood, L.H., AGCO Allis, 12.5H
	1708817	1	DECAL, Hood, L.H., AGCO Allis, 12.5G
2	1704570	1	DECAL, Hood, R.H. Deutz Allis - All Models
	1708812	1	DECAL, Hood, R.H. AGCO Allis, 16H
	1708942	1	DECAL, Hood, R.H. AGCO Allis, 14H
	1708815	1	DECAL, Hood, R.H. AGCO Allis, 12.5H
	1708818	1	DECAL, Hood, R.H., AGCO Allis, 12.5G
3	1709081	1	DECAL, Paint (Older Models Only)
4	1707754	1	DECAL, Belt, Blade (Deutz Allis Models)
	1709085	1	DECAL, Belt, Blade (AGCO Allis Models)
5	1708280	1	DECAL, Operating Inst.
6	1708927	1	DECAL, USA Logo
7	1704474	1	DECAL, Push Valve (Hydrostatic Units only)
8	1704131	1	DECAL, Mower Height
9	1704276	1	DECAL, Danger (Hand Under Deck)
10		1	DECAL, OPEI (Not Serviced)
11	1704477	1	DECAL, Cutting Width, 38"
12	1704277	1	DECAL, Danger (Chute in Place)
13	1704478	1	DECAL, Cutting Width, 44"
14	1704473	1	DECAL, Grille, Hot
15		1	I.D. PLATE (Not Serviced)
16	1704466	1	DECAL, Choke (Dash), 12.5 and 14 HP Kohler Only
17	1704762	1	DECAL, Seat Deck, 1613H (Deutz Allis)
	1704763	1	DECAL, Seat Deck, 1616H (Deutz Allis)
	1705505	1	DECAL, Seat Deck, 1613G (Deutz Allis)
	1708926	2	DECAL, AGCO Allis Badge
18	1704760	1	DECAL, 1613H (Deutz Allis)
	1704761	1	DECAL, 1616H (Deutz Allis)
	1705504	1	DECAL, 1613G (Deutz Allis)
Not Shown:		1	DECAL, Battery (Not Serviced)
	1708995	1	DECAL, Engine 16 H.P.
	1708996	1	DECAL, Engine 12.5 H.P.
	1707948	1	DECAL, Engine, 14 H.P.

[illegible]

Ref. No. 5

**TRANSMISSION RELEASE
VALVE LEVER**

PULL ROD REARWARD AND
LATCH IN THE UP POSITION

TRACTOR MAY NOW BE MOVED
BY MANUALLY PUSHING OR PULLING.



Ref. No 7 (Hydro Units)

HOT  

Ref. No 14

⚠ DANGER

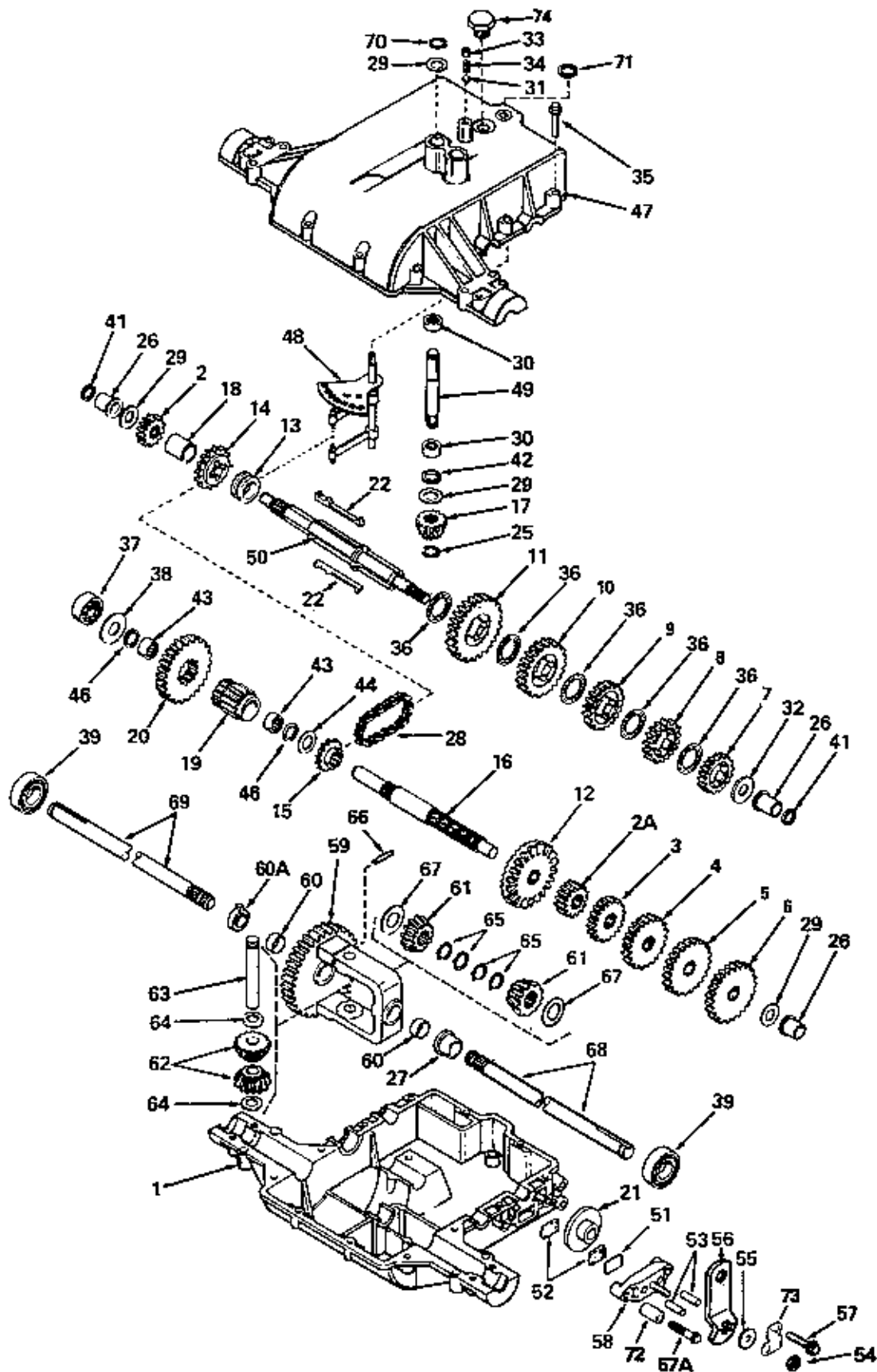
ROTATING CUTTING BLADE
DO NOT PUT HANDS
OR FEET UNDER
MOWER DECK WHILE
BLADE IS ROTATING.

Ref. No. 9

⚠ DANGER

ROTATING CUTTING BLADE
DO NOT OPERATE MOWER
WITHOUT DEFLECTOR
OR ENTIRE GRASS
CATCHER IN PLACE.

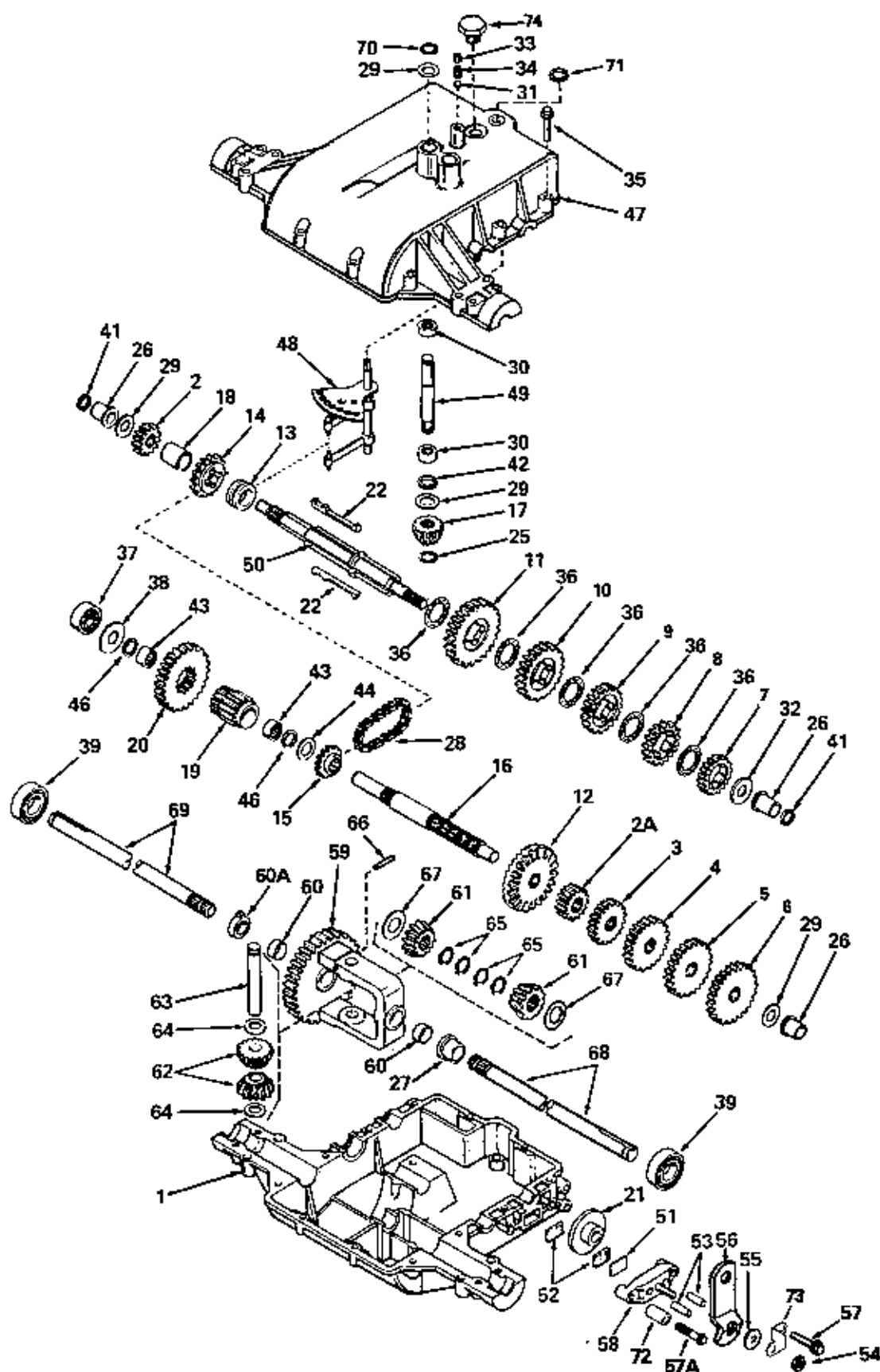
Ref. No. 12



Ref. No.	Part No.	Qty.	Description
1	770071A	1	CASE, Transaxle
2	778136	1	GEAR, Spur (15 Teeth)
2A	778145	1	GEAR, Spur (12 Teeth)
3	778126A	1	GEAR, Spur (20 Teeth)
4	778127A	1	GEAR, Spur (25 Teeth)
5	778128A	1	GEAR, Spur (28 Teeth)
6	778129A	1	GEAR, Spur (30 Teeth)
7	778121A	1	GEAR, Spur (20 Teeth)
8	778122A	1	GEAR, Spur (22 Teeth)
9	778123A	1	GEAR, Spur (25 Teeth)
10	778124A	1	GEAR, Spur (30 Teeth)
11	778146A	1	GEAR, Spur (37 Teeth)
12	778137A	1	GEAR, Bevel (42 Teeth)
13	784266	1	COLLAR, Shift
14	786060	1	SPROCKET (14 Teeth)
15	786061	1	SPROCKET (10 Teeth)
16	776204	1	SHAFT, Counter
17	778113A	1	BEVEL PINION, Input
18	786074	1	SPACER
19	778138	1	PINION, Output
20	778139	1	GEAR, Output
21	790003	1	DISK, Brake
22	792089A	4	KEY
25	788040	1	RING, Retaining
26	780105A	3	BUSHING, Flanged
27	780118A	1	BUSHING, Flanged
28	786062A	1	CHAIN, Roller (No. 41 Chain, 22 Links)
29	780072	4	WASHER, Thrust
30	780122	2	BEARING, Needle
31	792077	1	BALL, Steel
32	780109	1	WASHER, Thrust
33	792078	1	SCREW, Set, 3/8-16 x 3/8
34	792079	1	SPRING
35	792073	17	SCREW, Hex Hd., Thread Forming, 1/4-20 x 1-1/4
36	780108	5	WASHER, Thrust
37	780121	1	BEARING, Ball

Ref. Nos. 38 through 74 on pages 64 & 65.

Order gear transaxle service parts through your authorized Tecumseh/Peerless distributor.



Ref. No.	Part No.	Qty.	Description
38	780113	1	WASHER, Flat
39	780119	2	BEARING, Ball
41	788051	2	SEAL, Square Cut
42	788057	1	SEAL, Square Cut
43	780112	2	BEARING, Needle
44	780114	1	WASHER, Flat
46	788053	2	SEAL, Square Cut
47	772082	1	COVER, Transaxle
48	784290	1	ROD & FORK ASSY., Shift
49	776135	1	SHAFT, Input
50	776184A	1	SHAFT, Brake
51	790007	1	PLATE, Brake Pad
52	790006	2	PAD, Brake
53	786026	2	PIN, Dowel
54	792075	1	LOCKNUT, 5/16-24
55	792076	1	WASHER, Flat
56	790056	1	LEVER, Brake
57	792073	1	SCREW, Hex Hd., Thread Forming, 1/4-20 x 1-1/4
57A	792085	1	SCREW, Hex Hd., Thread Forming, 1/4-20 x 2-1/4
58	790025	1	HOLDER, Brake Pad
59	778175	1	GEAR ASSY., Differential (Incl. 2 of Ref. No. 60)
60	780064	2	BUSHING
60A	780120	1	BUSHING
61	778166	2	GEAR, Bevel
62	778131	2	PINION, Bevel
63	786034	1	PIN, Drive
64	780065	2	WASHER, Thrust
65	792125	4	RING, Retaining (Pkg. of 2)
66	792040	1	PIN, Roll
67	780001	2	WASHER, Thrust
68	774891	1	AXLE (14-3/8" Long)
69	774644	1	AXLE (12-1/2" Long)
70	792035	1	RING, Retaining
71	788069	1	SEAL, Square Cut
72	786066	1	SPACER
73	786086	1	BRACKET, Brake Lever
74	792074	1	PLUG, Threaded

Ref. Nos. 1 through 37 on pages 62 & 63.

Order gear transaxle service parts through your authorized Tecumseh/Peerless distributor.

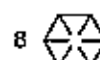
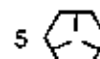
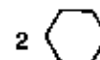
**TORQUE SPECIFICATIONS FOR
STANDARD MACHINE HARDWARE
TOLERANCE $\pm 20\%$**

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

NOTE:

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

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



SIMPLICITY MANUFACTURING, INC.
500 N. Spring St., P.O. Box 997
Port Washington, WI USA 53074-0997

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