



Parts Manual



MASSEY FERGUSON
LAWN & GARDEN EQUIPMENT

AGCO ALLIS



LANDLORD / 1700 / 2700 SERIES TRACTORS & MOWER DECKS

16HP HYDRO TRACTORS

Mfg. No.	Description
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1692572	Landlord, 16HP Hydro Tractor
1692631	Landlord, 16HP Hydro Tractor
1692574	1716H, 16HP Hydro Tractor
1692633	1716H, 16HP Hydro Tractor

MOWER DECKS

Mfg. No.	Description
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1692026	44" Mower Deck
1691996	50" Mower Deck
1692035	44" Mower Deck
1692038	50" Mower Deck

18HP HYDRO TRACTORS

Mfg. No.	Description
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1692576	Landlord, 18HP Hydro Tractor
1692578	1718H, 18HP Hydro Tractor
1692580	2718H, 18HP Hydro Tractor



MANUFACTURING, INC.

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

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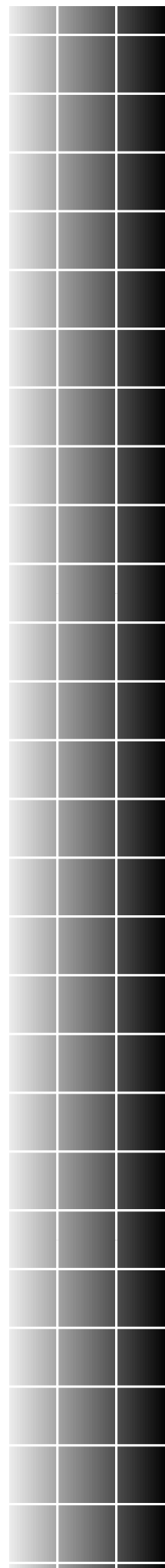
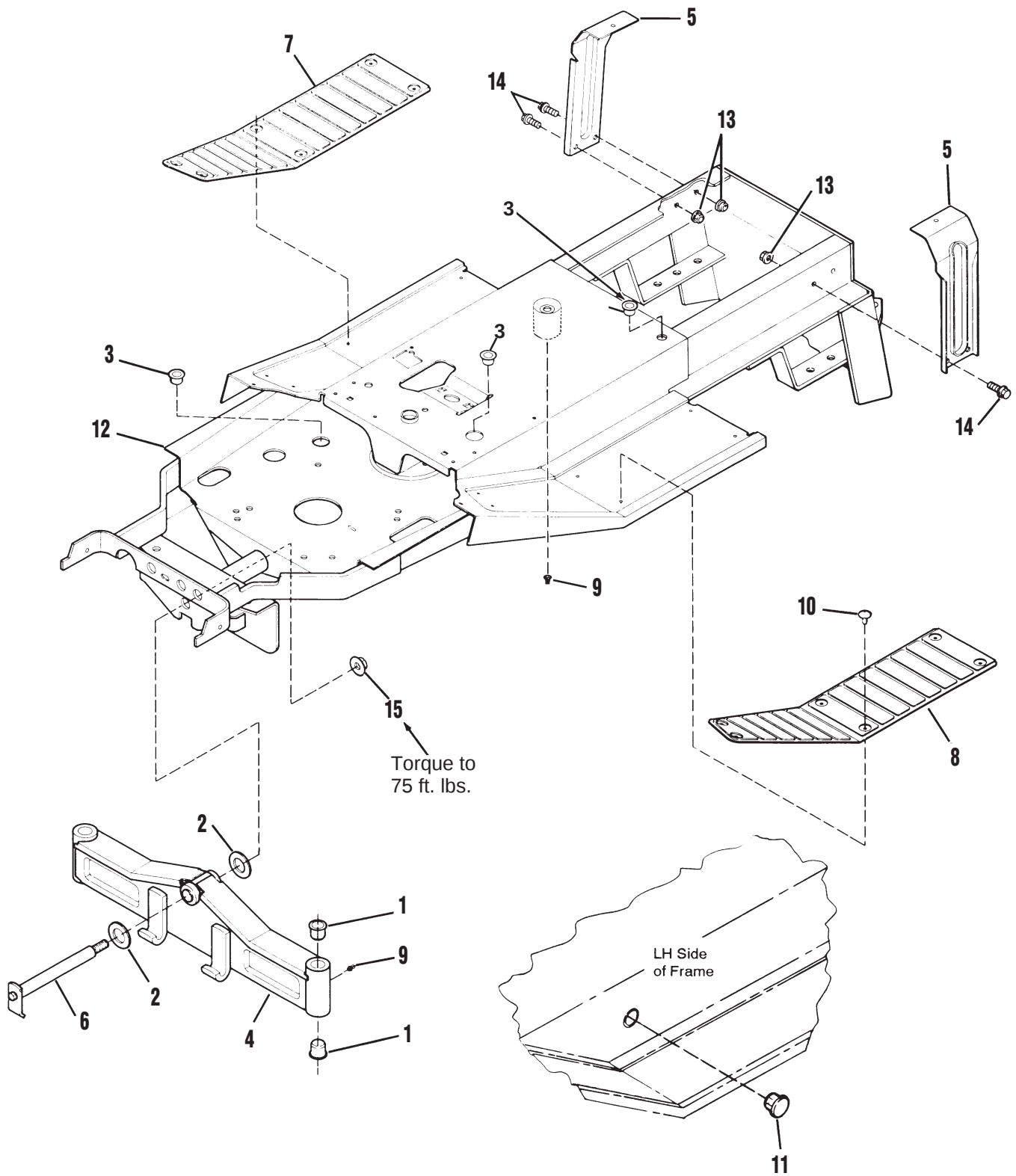


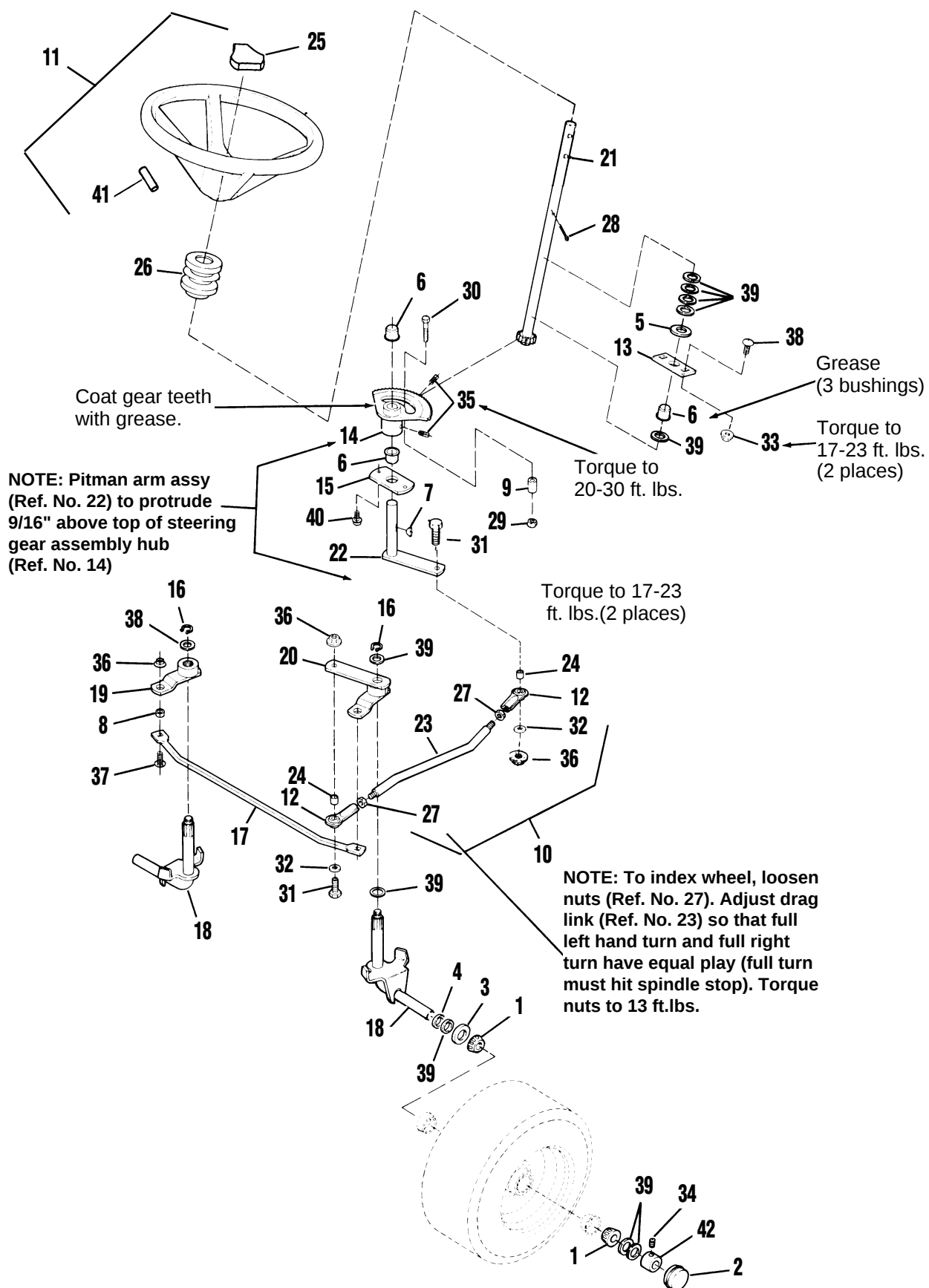
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All Models**Frame & Front Axle**

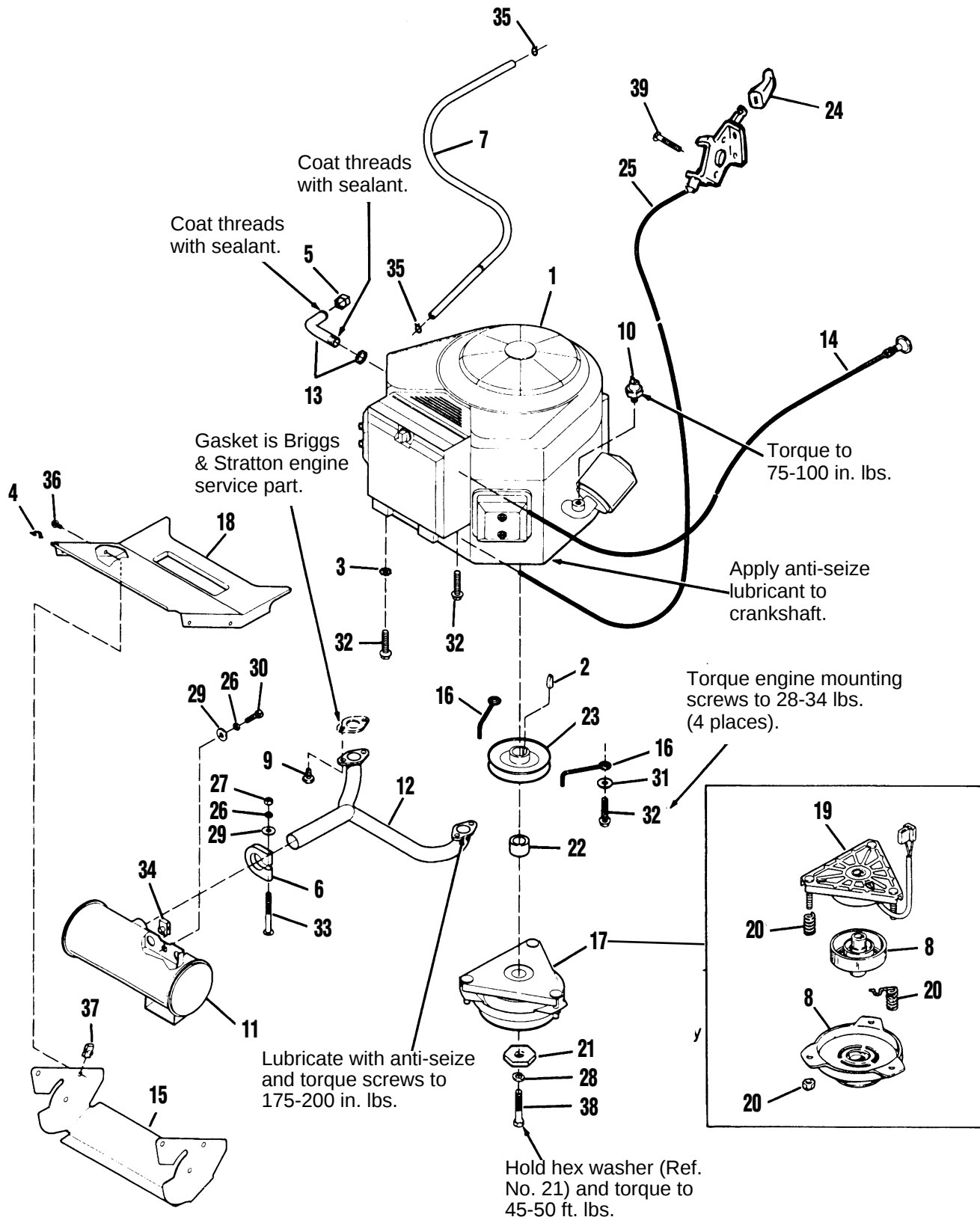
REF. NO.	PART NO.	QTY.	DESCRIPTION
1	176440	4	BUSHING
2	960530	2	WASHER, Special
3	1701229	3	BUSHING, Snap
4	1703475	1	AXLE ASSY., Front
5	1703968	2	SUPPORT, Seat
6	1704150	1	AXLE PIVOT ASSY.
7	1704310	1	PAD, Footrest, RH
8	1704311	1	PAD, Footrest, LH
9	1704314	3	GREASE, Fitting
10	1704351	12	FASTENER, Panel
11	1707677	1	PLUG, Button
12	1708400	1	FRAME ASSY.
13	1919439	4	NUT, Hex, Esna Lock, 3/8-16
14	1934654	4	CAPSCREW, Hex Whizlock, 3/8-16 x 1
15	1960270	1	NUT, Hex, Full Lock, 3/4-16



All Models

Steering

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	154486	4	BEARING, Cone
2	154487	2	CAP, Hub
3	170168	2	SEAL
4	171375	2	SPACER
5	173668	1	WASHER, Plain
6	176440	3	BUSHING, Nylon
7	930670	1	KEY, Hi Pro
8	1611705	2	SPACER
9	1673796	1	SPACER, Stop
10	1685478	1	DRAG LINK ASSY. (Incl. Ref. Nos. 12, 23, 24, 27 & 32)
11	1686651	1	STEERING WHEEL, 15" (Incl. Ref. No. 25 & 41)
12	1702779	2	ROD END
13	1703508	1	PLATE, Mounting, Steering
14	1703513	1	GEAR ASSY., Steering
15	1703813	1	SECTOR MOUNTING PLATE
16	1704420	2	KLIP RING
17	1706956	1	TIE ROD
18	1706991	2	SPINDLE ASSY.
19	1706996	1	ARM ASSY., Steering, RH
20	1706997	1	ARM ASSY., Steering, LH
21	1707321	1	SHAFT ASSY., Steering
22	1707431	1	PITMAN ARM ASSY.
23	1708084	1	DRAG LINK
24	1708236	2	SPACER
25	1714097	1	CAP, Steering Wheel
26	1714400	1	TUBE, Steering
27	1919262	2	NUT, Hex, Jam, 1/2-20
28	1919314	1	COTTER PIN
29	1919438	1	NUT, Hex, Lock ESNA Light, 5/16-18
30	1921221	1	CAPSCREW, Hex Hd., 5/16-18 x 1-1/2
31	1921969	2	CAPSCREW, Hex Hd., 3/8-16 x 1-1/2
32	1922755	2	WASHER
33	1928352	2	NUT
34	1928691	2	SETSCREW, Sq. Hd.
35	1928721	2	SETSCREW, Sq. Hd., 5/16-18 x 1/2
36	1930645	4	NUT, Hex, Lock, Flange, 3/8-16
37	1931350	4	CARRIAGE BOLT, 3/8-16 x 1
38	1960020	2	WASHER
39	1960114	13	WASHER, Plain, 49/64
40	1960373	2	SCREW, Taptite, 5/16-18 x 3/4
41	1960540	1	PIN, Spring, 5/16 x 2-1/2
42	8021010	2	COLLAR, Set

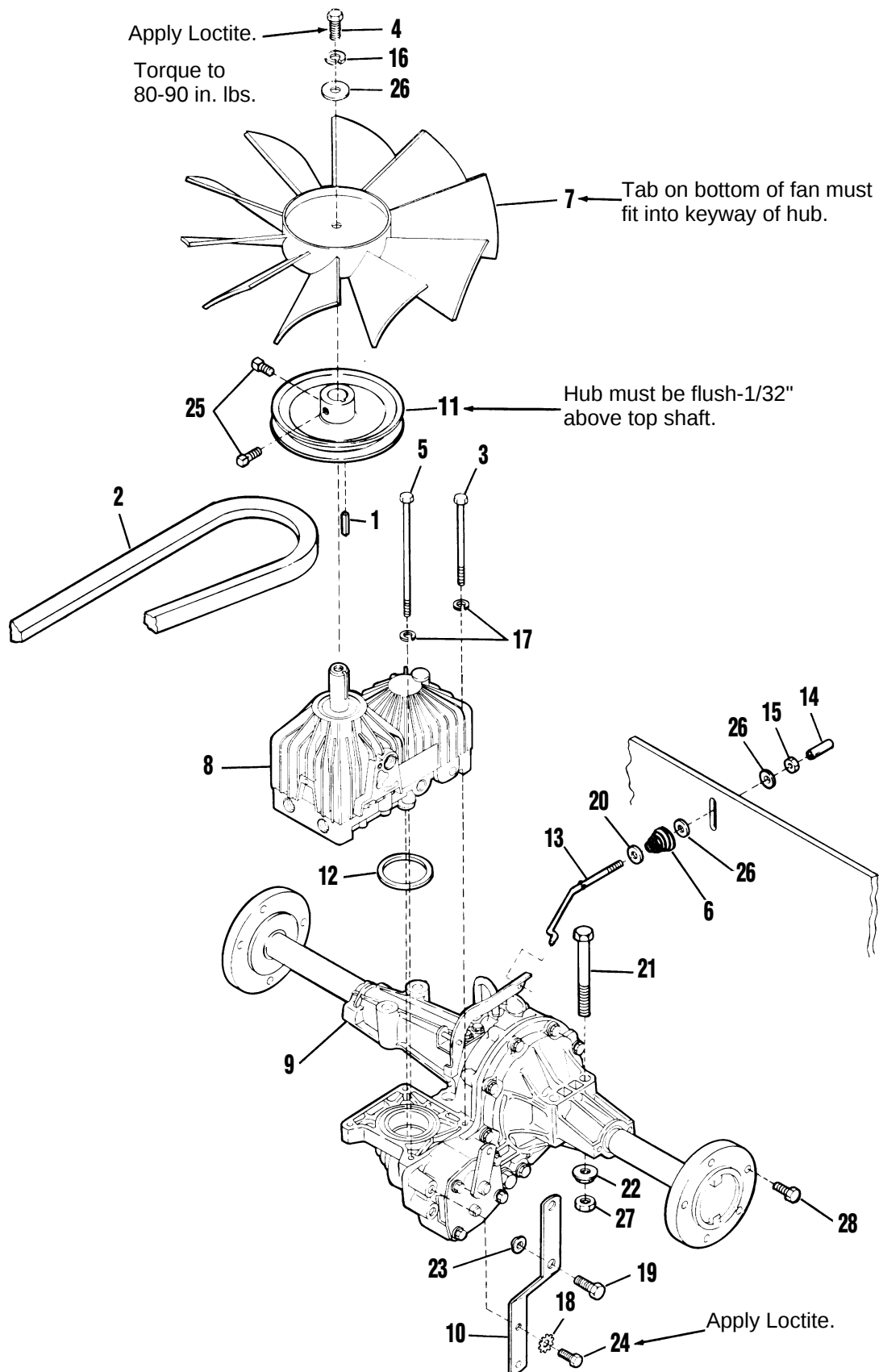


All Models

Engine & Electric Clutch - 16 & 18 HP Briggs & Stratton

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	*	1	ENGINE 16 HP Briggs & Stratton, Vanguard Model 303777 18 HP Briggs & Stratton, Vanguard Model 350777
2	171241	1	KEY
3	920427	1	LOCKWASHER, External Tooth
4	934683	1	CLIP
5	1667346	1	CAP, Oil
6	1676183	1	CLAMP, Muffler
7	1676861	1	HOSE, Fuel, 45.5" Long
8	1685487	1	ROTOR ASSY./ARMATURE KIT
9	1703908	4	SCREW, Metric
10	1703956	1	SWITCH, Oil Pressure
11	1703971	1	MUFFLER ASSY.
12	1703986	1	MANIFOLD, Exhaust
13	1704343	1	DRAIN, Oil
14	1704344	1	CABLE, Choke Control
15	1704357	1	DUCT, Lower Muffler
16	1704419	2	BELT STOP
17	1706692	1	ELECTRIC CLUTCH (Incl. Ref. Nos. 8, 19 & 20)
18	1707334	1	DUCT, Upper Muffler
19	1707586	1	FIELD ASSY., Clutch
20	1707587	1	SPRING & NUT KIT
21	1708264	1	WASHER
22	1708587	1	SPACER
23	1713187	1	PULLEY ASSY.
24	1713846	1	KNOB, Throttle
25	1714068	1	THROTTLE & CABLE ASSY.
26	1917356	2	LOCKWASHER, 5/16
27	1917372	1	NUT, Hex, Full, 5/16-18
28	1918199	1	LOCKWASHER, 7/16
29	1919326	2	WASHER, Plain, 11/32
30	1921333	1	CAPSCREW, Hex Hd., 5/16-18 x 1
31	1924940	2	WASHER, Plain, 13/32
32	1930598	4	SCREW, Taptite, 3/8-16 x 1-1/2
33	1931342	1	CARRIAGE BOLT, 5/16-18 x 2-3/4
34	1935255	1	NUT, Pal, 5/16-18
35	1960112	2	CLAMP, Hose
36	1960295	4	SCREW, Flange Whiz, 1/4-20 x 5/8
37	1960368	4	NUT, Pal, 1/4-20
38	1960458	1	CAPSCREW, 7/16-20 x 4
39	1960536	1	SCREW, Plastite, 1/4-10 x 1/2

Hydro Transaxle Tuff Torq Model K215A - Transmission & Pump



Hydro Transaxle - Tuff Torq Model K215A

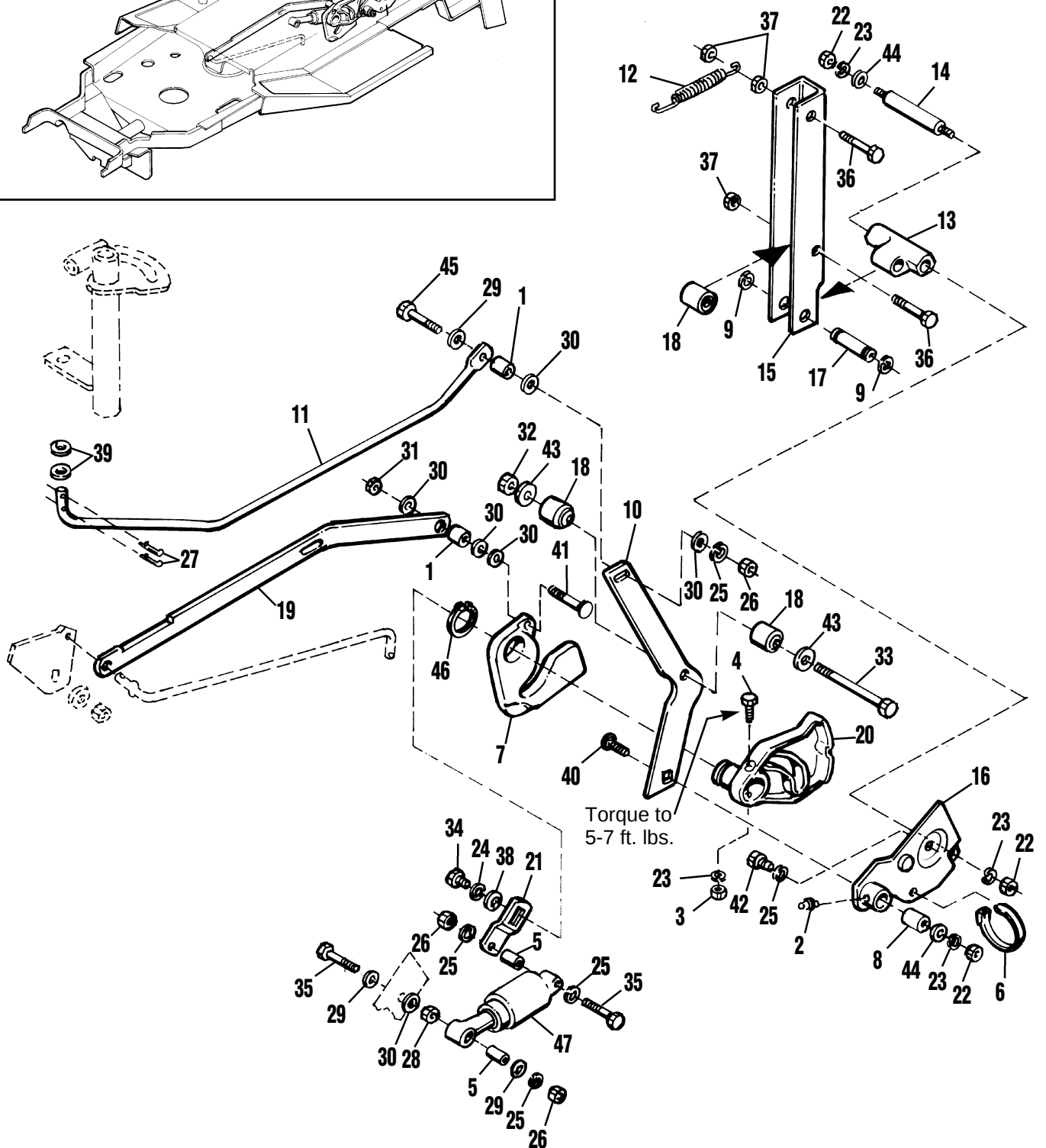
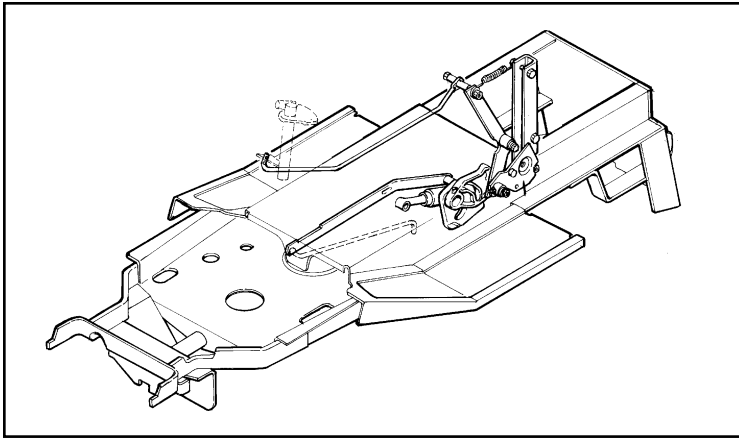
Transmission & Pump

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	157427	1	KEY, Parallel
2	170164	1	BELT, Drive
3	960443	2	CAPSCREW, Hex Hd., 8 mm-1.25 x 140 mm
4	960444	1	CAPSCREW, Hex Hd., 6 mm-1.0 x 15 mm
5	960454	2	CAPSCREW, Hex Hd., 8 mm-1.25 x 80 mm
6	1676253	1	SPRING, Conical
7	1700021	1	FAN, 10 Blade
8	1705983*	1	HYDRO PUMP
9	1706589**	1	HYDRO TRANSAXLE
10	1707006	1	SUPPORT, Transmission
11	1707299	1	PULLEY
12	1707328	1	GASKET, Rubber
13	1707399	1	ROD, Tow Valve
14	1707400	1	COVER, Vinyl
15	1916622	1	NUT, Hex 1/4-20
16	1916964	1	LOCKWASHER, 1/4
17	1917356	2	LOCKWASHER, 5/16
18	1920427	2	LOCKWASHER, Ext. Tooth, 3/8
19	1921210	1	CAPSCREW, Hex Hd., 3/8-16 x 1
20	1921319	1	WASHER, Flat, 1/4
21	1923938	4	CAPSCREW, Hex Hd., 3/8-16 x 3-1/2
22	1930645	4	NUT, Hex, Flange Lock, 3/8-16
23	1930645	1	NUT, Hex, Flange Lock 3/8-16
24	1950036	2	CAPSCREW, Hex, 10 mm-1.5 x 25 mm
25	1960110	2	SET SCREW, Sq. Hd., 1/4-28
26	1960151	3	WASHER, Flat
27	1960251	1	NUT, Hex, Jam Lock, 3/8-16
28	8261100	10	BOLT, Hub, Rear Wheel

* See pages 16 - 17 for service parts.

** See pages 12 - 15 for service parts.

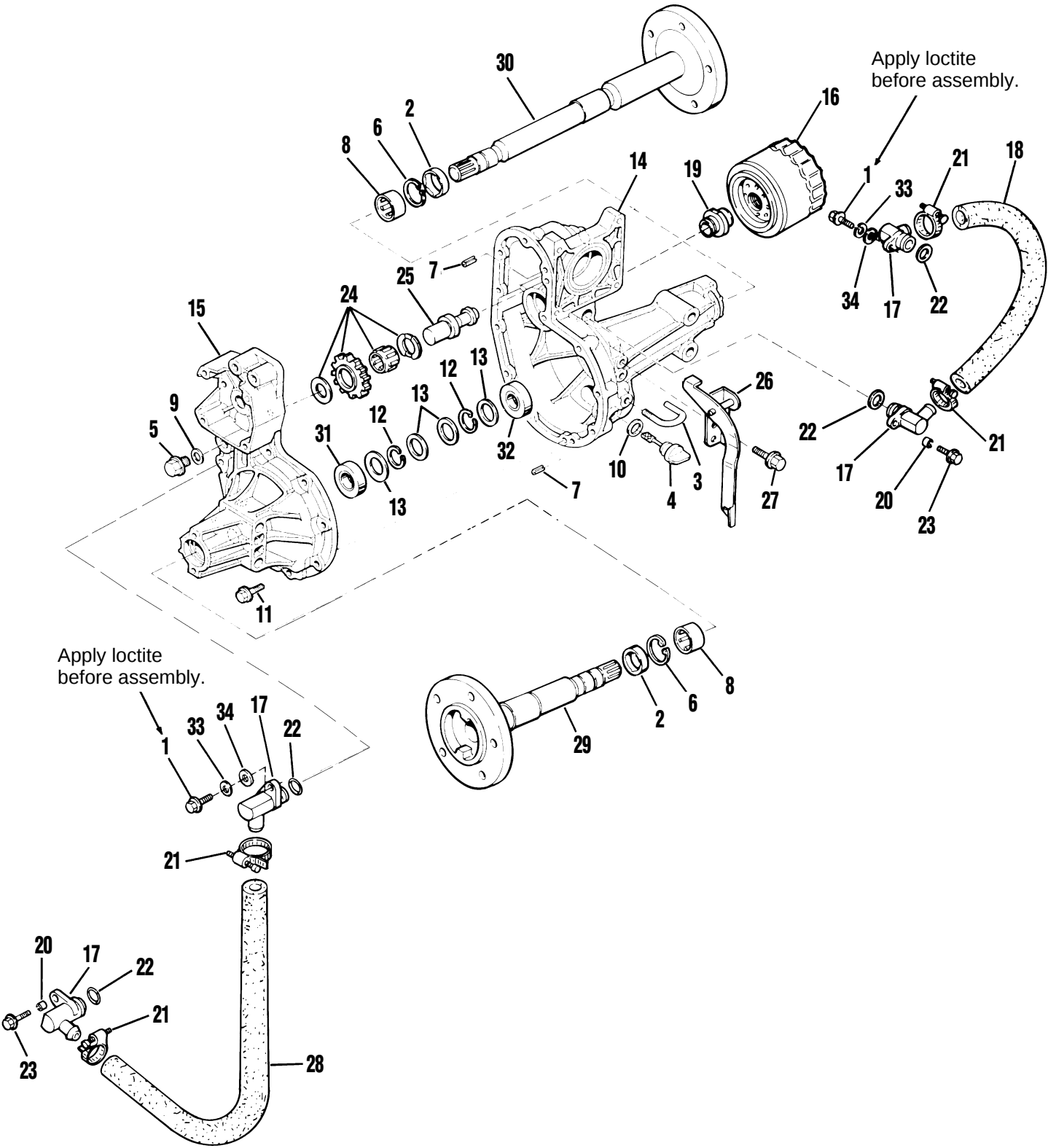
Hydro Transaxle Tuff Torq Model K215A - Cam & Lever



Hydro Transaxle - Tuff Torq Model K215A

Cam & Lever

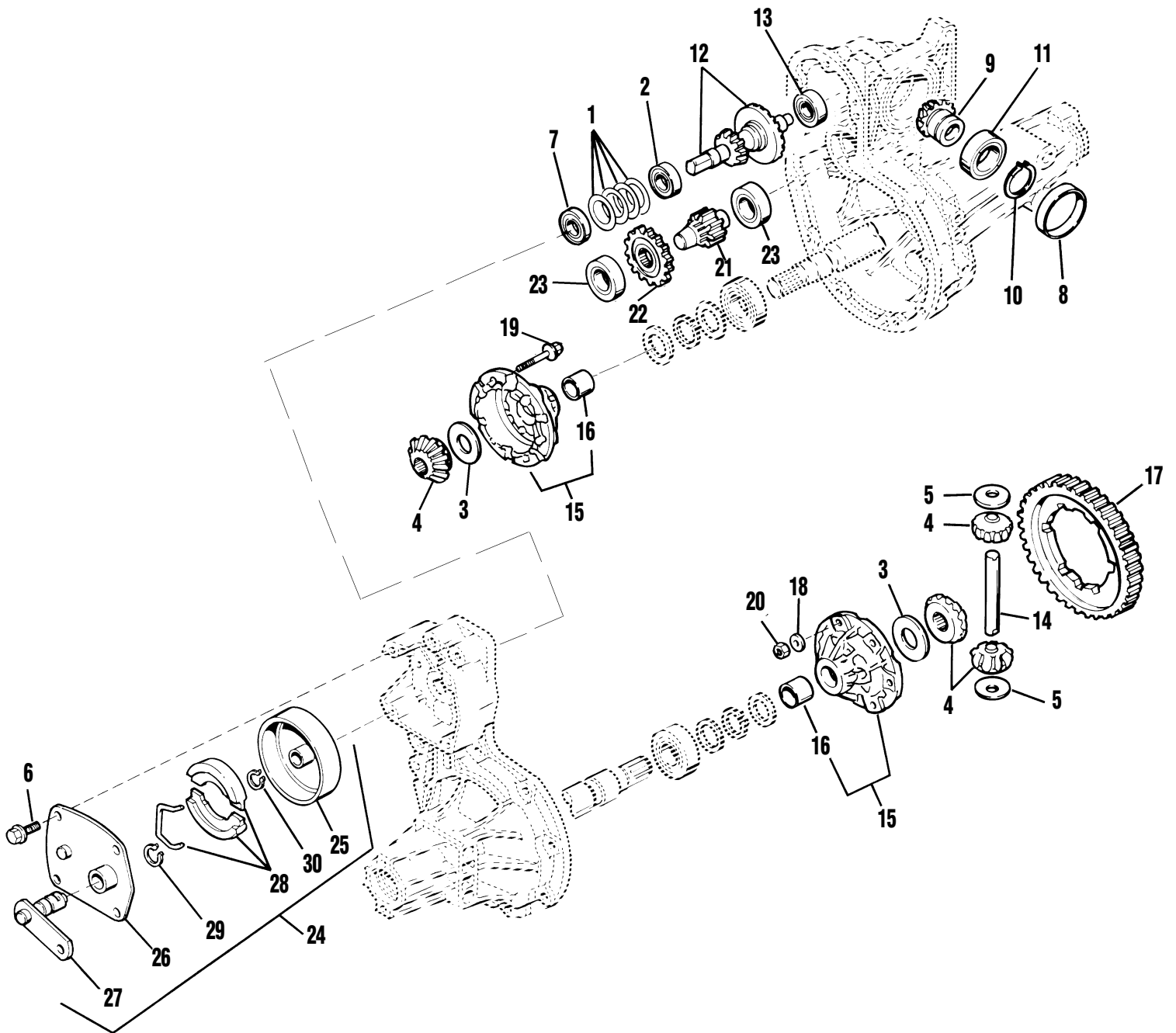
REF. NO.	PART NO.	QTY.	DESCRIPTION
1	171371	2	SPACER
2	921133	1	FITTING, Lube 1/4
3	960446	1	NUT, Hex, 6 mm-1.0
4	960464	1	CAPSCREW, Hex, 6 mm-1.0 x 55 mm
5	1676392	2	SPACER
6	1704739	1	TIE, Self-Locking
7	1707296	1	CAM, Neutral Return
8	1708183	1	SPACER
9	1708554	2	RING, Retaining, Ext. 3/8
10	1709204	1	LEVER, Speed Control
11	1709208	1	ROD, Shift
12	1709314	1	SPRING, Extension
13	1709329	1	LEVER, Neutral Adj.
14	1709330	1	PIVOT, Adj. Lever
15	1709331	1	ARM, Neutral Roller
16	1709333	1	BRACKET, Control Support
17	1709337	1	PIN, Pivot
18	1709703	3	ROLLER, Cam
19	1713280	1	ROD, Return-To-Neutral
20	1714973	1	CAM CONTROL ASSY.
21	1715060	1	BRACKET
22	1916622	3	NUT, Hex, 1/4-20
23	1916964	4	LOCKWASHER, 1/4
24	1916965	1	LOCKWASHER, 3/8
25	1917356	5	LOCKWASHER, 5/16
26	1917372	3	NUT, Hex, 5/16-18
27	1918447	2	PIN, Cotter
28	1919262	1	NUT, Hex, 1/2-20
29	1919326	3	WASHER, 11/32 x 3/4 x 1/16
30	1919381	6	WASHER, Flat, 11/32 x 1 x 1/8
31	1919438	1	NUT, Hex Lock, Esna, 5/16-18
32	1920397	1	NUT, Hex, Lock, Esna, 1/4-20
33	1921159	1	CAPSCREW, Hex, 1/4-20 x 2-1/4
34	1921965	1	CAPSCREW, Hex, 3/8-16 x 3/4
35	1922127	2	CAPSCREW, Hex, 5/16-18 x 1-3/4
36	1922837	2	CAPSCREW, Hex, 1/4-20 x 1-1/2
37	1923358	3	NUT, Hex, Center Lock, 1/4-20
38	1924356	1	WASHER, 13/32 x 1-1/2 x 1/8
39	1924361	2	WASHER, Plain
40	1931323	1	CARRIAGE BOLT, 1/4-20 x 2
41	1931800	1	CARRIAGE BOLT, 5/16-18 x 1-3/4
42	1950018	1	CAPSCREW, Hex, 8 mm-1.25 x 19 mm
43	1960151	2	WASHER, Flat
44	1960353	2	WASHER, Flat, 1/4
45	1960460	1	CAPSCREW, Truss, Socket Hd., 5/16-18 x 1-1/4
46	1960457	1	RING, Retaining
47	1714856	1	SHOCK ABSORBER



Hydro Transaxle - Tuff Torq Model K215A

Service Parts - Transaxle Housing

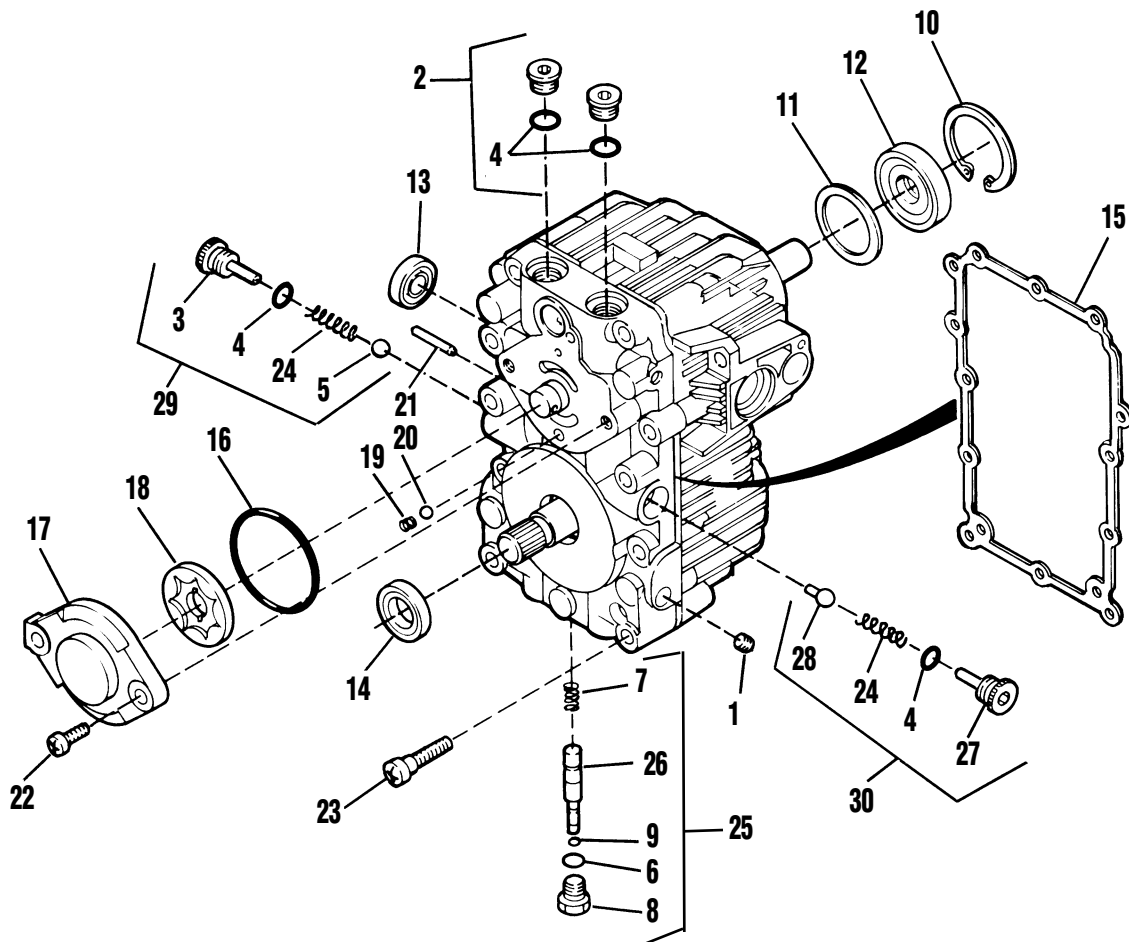
REF. NO.	PART NO.	QTY.	DESCRIPTION
1	960444	2	BOLT
2	1707776	2	SEAL
3	1707777	1	FITTING
4	1707778	1	CAP, Oil
5	1707779	1	PLUG
6	1707782	2	RING
7	1707783	2	PIN, Roll
8	1707784	2	BEARING, Needle
9	1707785	1	PACKING
10	1707786	1	PACKING
11	1707789	12	SCREW, Taptite
12	1707855	2	RING
13	1707860	4	WASHER
14	1707870	1	HOUSING, Transaxle, Right
15	1707871	1	HOUSING, Transaxle, Left
16	1707873	1	OIL FILTER
17	1707874	4	ELBOW
18	1707875	1	TUBE, Suction
19	1707876	1	FITTING
20	1707877	2	COLLAR
21	1707878	4	CLAMP, Hose
22	1707879	4	PACKING
23	1707880	2	BOLT
24	1707887	1	GEAR SET, Idle
25	1707888	1	SHAFT, Idle
26	1707889	1	LEVER ASSY., Range
27	1707890	2	SCREW, Taptite
28	1707891	1	TUBE, Drain
29	1707902	1	SHAFT, Axle, Left
30	1707903	1	SHAFT, Axle, Right
31	1707904	1	BEARING
32	1707905	1	BEARING
33	1916964	2	LOCKWASHER
34	1921319	2	WASHER, Flat



Hydro Transaxle - Tuff Torq Model K215A

Service Parts - Differential & Brake

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	1707803	1	SHIM SET
2	1707809	1	BEARING
3	1707845	2	WASHER
4	1707846	2	GEAR SET, Differential
5	1707848	2	WASHER, Differential Pinion
6	1707869	4	BOLT, w/ Washer
7	1707872	1	SEAL
8	1707881	1	COLLAR
9	1707882	1	MOTOR GEAR, Spiral, 19 Tooth
10	1707883	1	RING
11	1707884	1	BEARING
12	1707885	1	REDUCTION SHAFT ASSY.
13	1707886	1	BEARING
14	1707892	1	SHAFT, Differential Pinion
15	1707893	2	CASE ASSY., Differential (Incl. Ref. No. 16)
16	1707894	2	BEARING
17	1707895	1	GEAR SET, Final, 59 Tooth
18	1707896	6	WASHER
19	1707897	6	BOLT
20	1707898	6	NUT
21	1707899	1	SHAFT, Final Pinion
22	1707900	1	GEAR, Final Shaft, 24 Tooth
23	1707901	2	BEARING
24	1707906	1	BRAKE ASSY. (Incl. Ref. Nos. 25 - 30)
25	1707907	1	DRUM, Brake
26	1707908	1	COVER, Brake
27	1707909	1	SHAFT, Cam Lever
28	1707910	1	SHOE SET, Brake
29	1707911	1	RING
30	1707912	1	RING



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

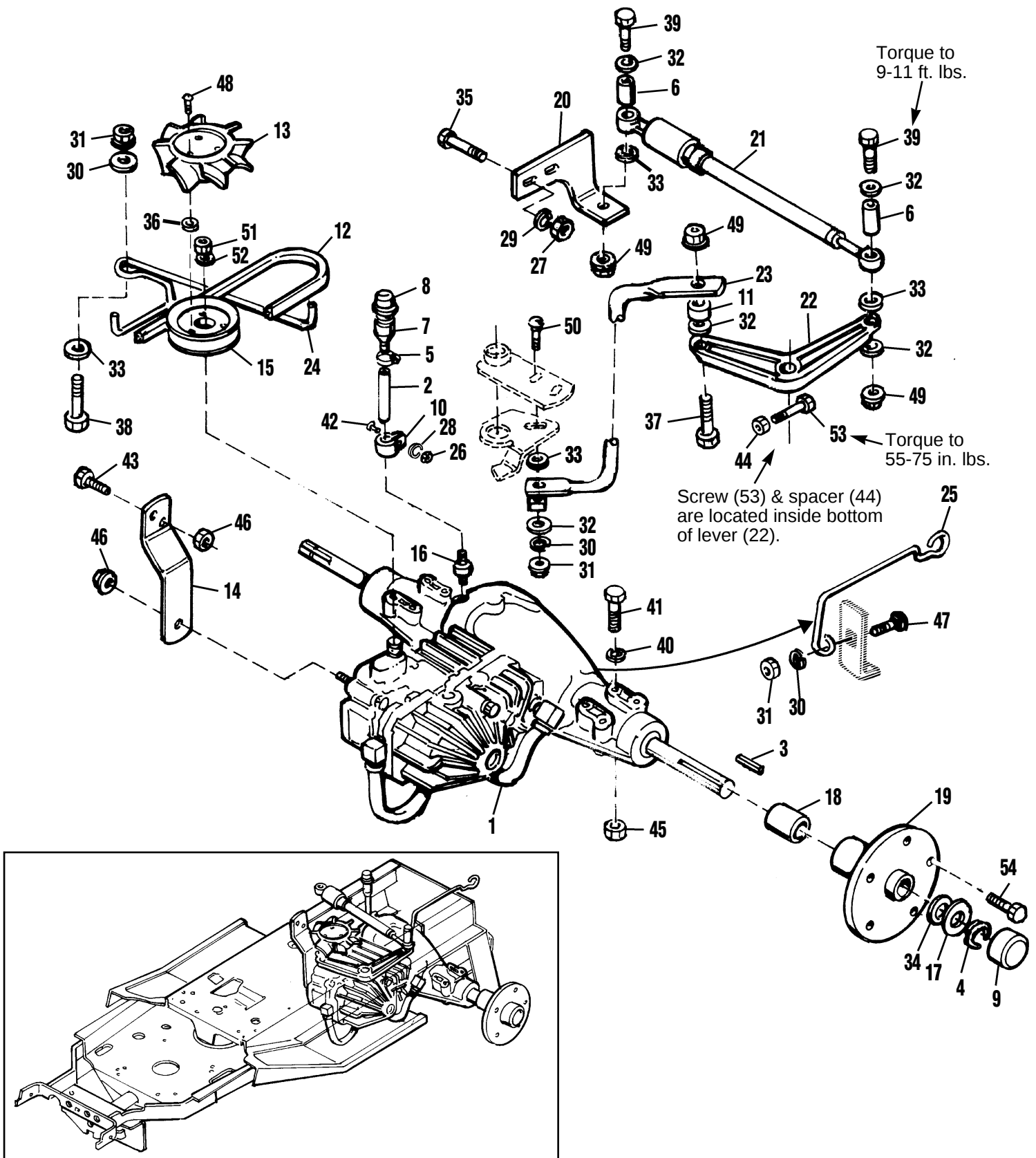
Hydro Transaxle - Tuff Torq Model K215A

Service Parts - Hydro Pump

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	1706176	1	Pipe plug
2	1706179	2	Plug, w/O-Ring
3	1706182	1	Check valve plug
4	1706183*†	4	O-ring, Rubber
5	1706184	1	Ball
6	1706187*	1	O-ring, Rubber
7	1706188	1	SPRING
8	1706190	1	By-pass PLUG
9	1706191*	1	O-ring
10	1707913*	1	Retaining ring
11	1707914*	1	Spacer
12	1707915*	1	Seal
13	1707916*	1	Seal
14	1707917*	1	Lip seal
15	1707918*	1	Gasket, Center Section
16	1707919*	1	O-ring, Rubber
17	1707920	1	Charge pump housing
18	1707921	1	Gerotor assy.
19	1707922	1	Spring
20	1707923	1	Ball
21	1707924	1	PIN
22	1707925	2	Screw, M8 x 20
23	1707926	8	Screw, M8 x 35
24	1707928 †	2	SPRING
25	1707929	1	By-pass valve kit (Incl. Ref. Nos. 6-9 & 26)
26	1707930	1	By-pass spool
Not Shown	1707931	1	OVERHAUL SEAL KIT (Incl. Ref. Nos. 4, 6-9)
27	1708100	1	PLUG
28	1708101†	1	POPPET, Orifice
29	1708102	1	Check valve kit (Incl. Ref. Nos. 3-5 & 24)
30	1708103	1	CHECK VALVE KIT, Poppet (Incl. Ref. Nos. 4, 24, 27 & 28)

* Included in Overhaul Seal Kit (1707931)

† Included in Check Valve Kit (1708103), Ref. No. 30

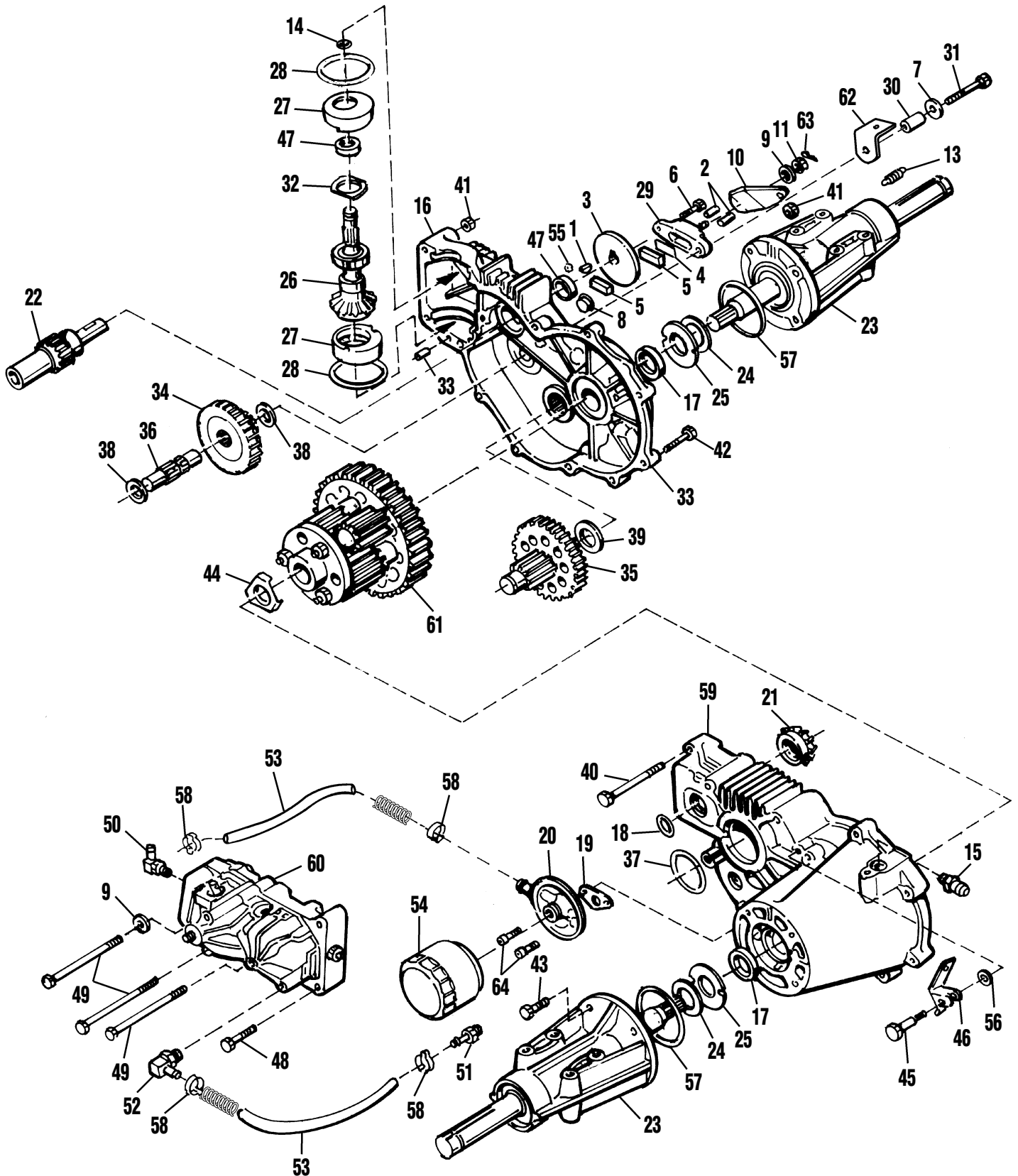


Hydro Transaxle - Hydro Gear Model 216-3010L

Transmission & Pump

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	1714699*	1	HYDROSTATIC PUMP & TRANSAXLE ASSY.
2	166137	1	HOSE, 12"
3	905100	2	KEY, 1/4 x 1/4 x 2-1/4
4	934712	2	RING, "E" Retaining
5	960266	1	CLAMP
6	1676392	2	SPACER
7	1676466	1	NECK, Filler
8	1676467	1	CAP, Filler
9	1676519	2	HUB CAP
10	1676527	1	CLAMP
11	1703900	2	SPACER
12	1707381	1	V-BELT, 86.25"
13	1707933	1	FAN
14	1713181	1	SUPPORT, Transmission
15	1713269	1	PULLEY ASSY., Transmission
16	1713323	1	FITTING, Vent Tube
17	1714810	2	WASHER, Retainer, Hub Cap
18	1714812	2	SPACER
19	1714853	2	HUB ASSY., Rear Wheel
20	1714855	1	BRACKET, Shock
21	1714856	1	SHOCK ABSORBER
22	1714860	1	LEVER, Hydro Control
23	1714861	1	ROD, Shift, Rear
24	1714863	1	STOP, Belt
25	1714991	1	LEVER, Tow Valve
26	1916622	1	NUT, Hex Fin. 1/4-20
27	1916950	2	NUT, Hex.Fin., 3/8-16
28	1916964	1	LOCKWASHER, 1/4
29	1916965	2	LOCKWASHER, 3/8
30	1917356	3	LOCKWASHER, 5/16
31	1917372	3	NUT, Hex Fin., 5/16-18
32	1919326	5	WASHER, 11/32 x 3/4 x 1/16
33	1919381	4	WASHER, 11/32 x 1 x 1/8
34	1919394	4	WASHER, 1-1/32 x 1-5/8 x 1/16
35	1921210	2	CAPSCREW, Hex Hd., 3/8-16 x 1
36	1921319	3	WASHER, 17/64 x 5/8 x 3/64
37	1921332	1	CAPSCREW, Hex Hd., 5/16-18 x 3/4
38	1921977	1	CAPSCREW, Hex Hd., 5/16-18 x 1-1/4
39	1921978	2	CAPSCREW, Hex. Hd., 5/16-18 x 2
40	1922755	4	WASHER, 13/32 x 1 x 1/8
41	1922918	4	CAPSCREW, 3/8-16 x 3-1/4
42	1923341	1	CAPSCREW, Hex Hd., 1/4-20 x 3/4
43	1930591	2	SCREW, Whizlock, 5/16-18 x 3/4
44	1930627	1	NUT, Hex Lock #10-32
45	1930645	4	NUT, Hex Flange Lock, 3/8-16
46	1931277	4	NUT, Hex Whiz Lock, 5/16-18
47	1931333	1	BOLT, Carriage, 5/16-18 x 3/4
48	1933958	3	SCREW, Taptite, 1/4-20 x 1-1/64
49	1935048	3	NUT, Hex Flange Lock, 5/16-18
50	1960223	1	BOLT, Carriage, 5/16-18 x 1-1/4
51	1960549	1	NUT, Hex Jam, 9/16-18
52	1960550	1	LOCKWASHER, 9/16
53	1960553	1	SCREW, Hex Soc. Hd., Gr. 8 #10-32 x 2
54	8261100	10	BOLT, Hub, Rear Wheel

* See pages for service parts 20-25.



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

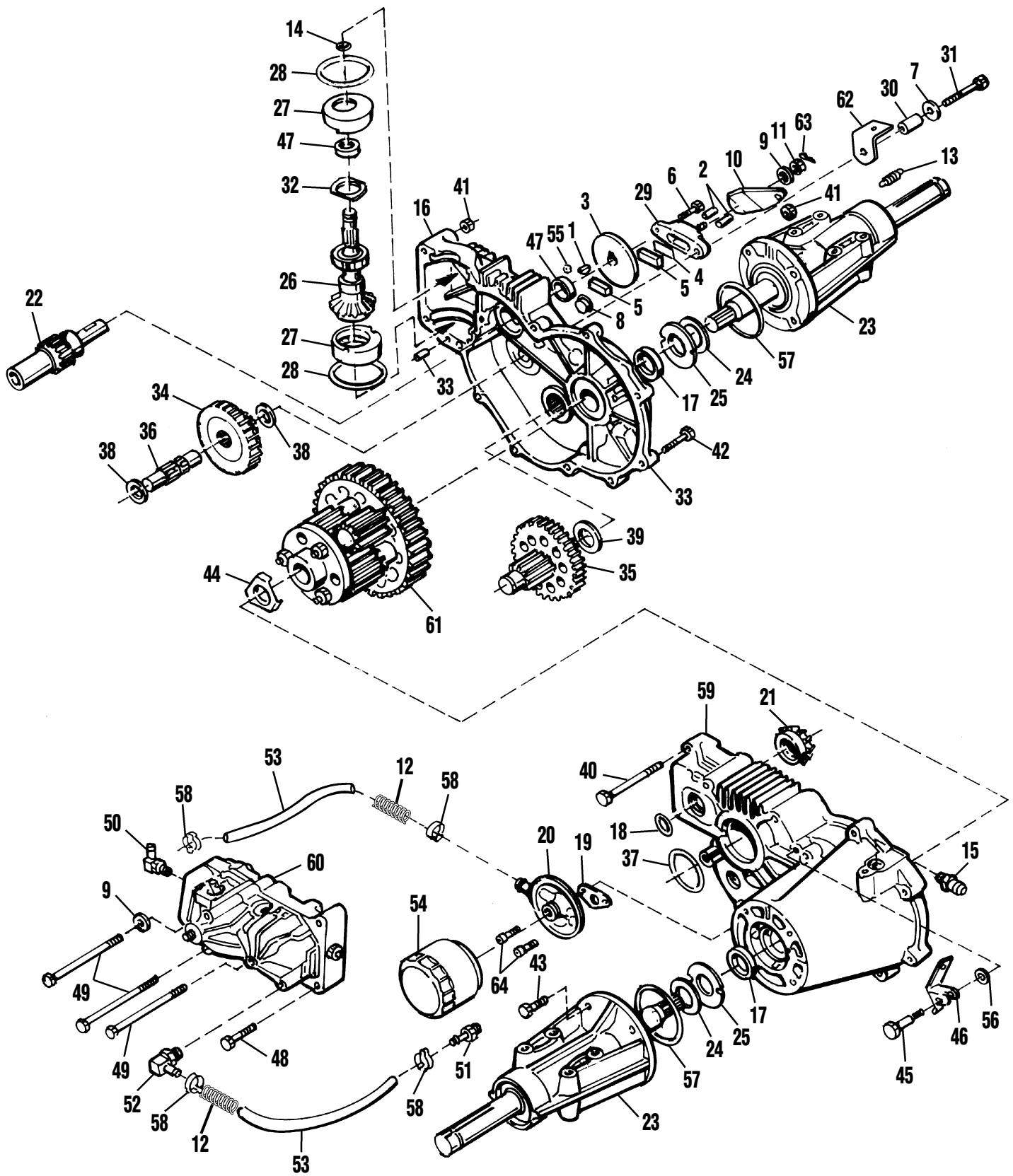
Hydro Transaxle - Hydro Gear Model 216-3010L

Service Parts - Transaxle Housing

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	930672	1	KEY, Hi-Pro, 3/16 x 5/8
2	1706141	2	PIN, Brake Actuating
3	1706143	1	DISC, Brake
4	1706145	1	PLATE, PUCK
5	1706146	2	PUCK, Brake
6	1706147	1	BOLT, Nyloc, Gr. 5, 1/4-20 x 1
7	1706161	1	WASHER, Flat
8	1706179	1	PLUG, Straight Thread
9	1709917	2	WASHER, 7/8 x x7/16 x
10	1713617	1	ARM-BRAKE
11	1714431	1	NUT, Castle, 7/16
12	1714699	2	SPRING
13	1714743	1	SPRING, Extension
14	1715141	1	RING, Wire Retaining
15	1715174	1	FITTING/O-RING ASSY.
16	1715185	1	HOUSING ASSY., RH
17	1715186*	2	OIL SEAL, 63/64 x 1-1/2 x 1/4
18	1715187*	1	QUAD RING
19	1715188*	1	GASKET, Filter Base
20	1715189	1	BASE, Filter Assy.
21	1715190	1	PINION ASSY.
22	1715191	1	BRAKE SHAFT ASSY.
23	1715192	2	AXLE MOUNTING HORN ASSY.
24	1715193	2	WASHER, 1 x 1-5/8 x 5/64
25	1715194	2	WASHER, 1 x 2-1/16 x 3/32
26	1715195	1	INPUT ASSY.
27	1715196	2	BEARING, Retainer
28	1715197*	2	QUAD RING
29	1715198	1	BRAKE YOKE ASSY.
30	1715199	1	SPACER
31	1715200	1	BOLT, 1/4-20 x 2
32	1715202	1	WASHER, Wave
33	1715203	2	PIN, Dowel
34	1715204	1	GEAR, Reduction, 14T-38T
35	1715205	1	FINAL DRIVE PINION ASSY.
36	1715206	1	JACK SHAFT
37	1715207*	1	O-RING
38	1715208	2	WASHER, 5/8 I.D. X 1-5/32 O.D.
39	1715209	1	WASHER, 7/8 I.D. X 1-1/2 O.D.
40	1715210	2	BOLT, Hex Hd., 5/16-18 x 3-1/2

Ref. Nos. 41 - 64 are continued on the following page.

* These parts can be ordered as Seal Kit, part no. 1715228.



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

Hydro Transaxle - Hydro Gear Model 216-3010L

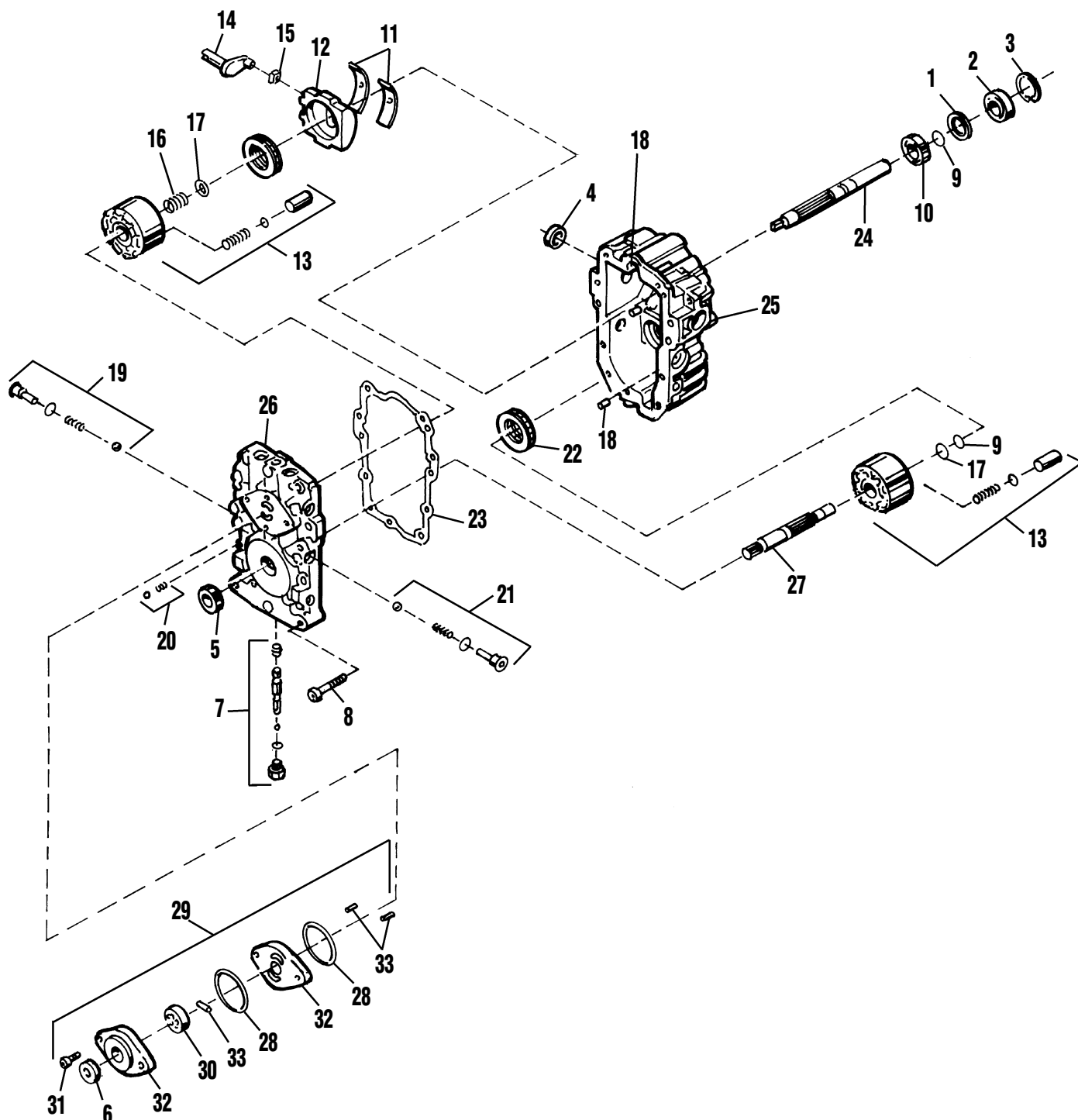
Service Parts - Transaxle Housing

REF. NO.	PART NO.	QTY.	DESCRIPTION
41	1715211	4	LOCKNUT, Hex, 5/16-18
42	1715212	11	BOLT, Hex, Gr. 5, 5/16-18 x 1/2
43	1715213	7	CAPSCREW, Hex, Gr. 5, 5/16-18 x 1
44	1715214†	1	WASHER, Differential, 1/2
45	1715215	1	BOLT, Shoulder
46	1715216	1	ARM, Freewheel Actuating
47	1715217*	2	SEAL, Oil, 5/8 x 1 x 1/4
48	1715218	1	BOLT, Hex, Gr. 5, 5/16-18 x 1-3/4
49	1715219	3	BOLT, Hex, Gr. 5, 5/16-18 x 1/2
50	1715220	2	FITTING, 1/2, Beaded, 90o, 9/16, SAE
51	1715221	1	FITTING, 1/2, Straight, 9/16, SAE
52	1715222	1	FITTING, 1/2, Beaded, 90o, 7/8, SAE
53	1715223	2	HOSE, 1/2", 8-3/4" Long
54	1715225	1	FILTER, Spin-on, Bypass
55	1715227	1	WASHER, 11/32 I.D. x 9/16 O.D.
56	1715229	1	WASHER
57	1715230*	2	O-RING
58	1715231	4	PINCH CLAMP
59	1715232	1	HOUSING ASSY., LH
60	1715446	1	HYDRO PUMP (See following page for service parts)
61	1715602	1	DIFFERENTIAL ASSY.
62	1715604	1	BRACKET
63	1918447	1	COTTER PIN
64	1921960	2	CAPSCREW, 1/4-20 x 1
Not shown	1714296	1	GREASE, 10 Oz. Tube

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

* These parts can be ordered as Seal Kit, part no. 1715228.

† Used on early models only. Not required with later style Differential Assy. ,
part no. 1715602 (Ref. No. 61).



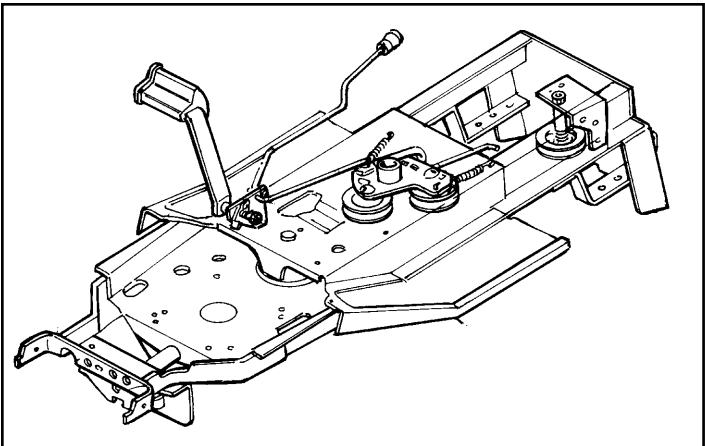
NOTE: Use standard hardware torque specifications chart unless otherwise noted.

Hydro Transaxle - Hydro Gear Model 216-3010L

Service Parts - Hydro Pump BDU-10L-258

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	1706172*	1	SPACER
2	1706173*	1	SEAL
3	1706174*	1	RETAINING RING
4	1706175*	1	SEAL
5	1706177*	1	SEAL
6	1706178*	1	SEAL
7	1706186	1	BYPASS VALVE KIT
8	1707926	1	CAPSCREW, Socket Hd.
9	1715141*	2	RETAINING RING
10	1715142	1	BEARING. Shaft
11	1715143	2	CRADLE, Bearing
12	1715145	1	VARIABLE SWASHPLATE
13	1715146	2	BLOCK ASSY.
14	1715147	1	TRUNNION ARM
15	1715148	1	GUIDE
16	1715171	1	SPRING
17	1715172	2	THRUST WASHER
18	1715278	2	PIN
19	1715282	1	CHECK VALVE KIT, RH
20	1715283	1	CHARGE RELIEF KIT
21	1715284	1	CHECK VALVE KIT, LH
22	1715290	2	THRUST BEARING ASSY.
23	1715294*	1	GASKET, Center Section
24	1715447	1	PUMP SHAFT
25	1715448	1	PUMP HOUSING KIT
26	1715449	1	CENTER SECTION KIT
27	1715450	1	MOTOR SHAFT
28	1715451*	2	O-RING
29	1715452	1	CHARGE PUMP KIT
30	1715453	1	GEROTOR ASSY.
31	1715454	2	CAPSCREW, 6M x 20
32	1715455	2	SPACER PLATE
33	1715456	3	DOWEL PIN

*** Parts can be ordered as Overhaul Seal Kit, part no. 1706192.**

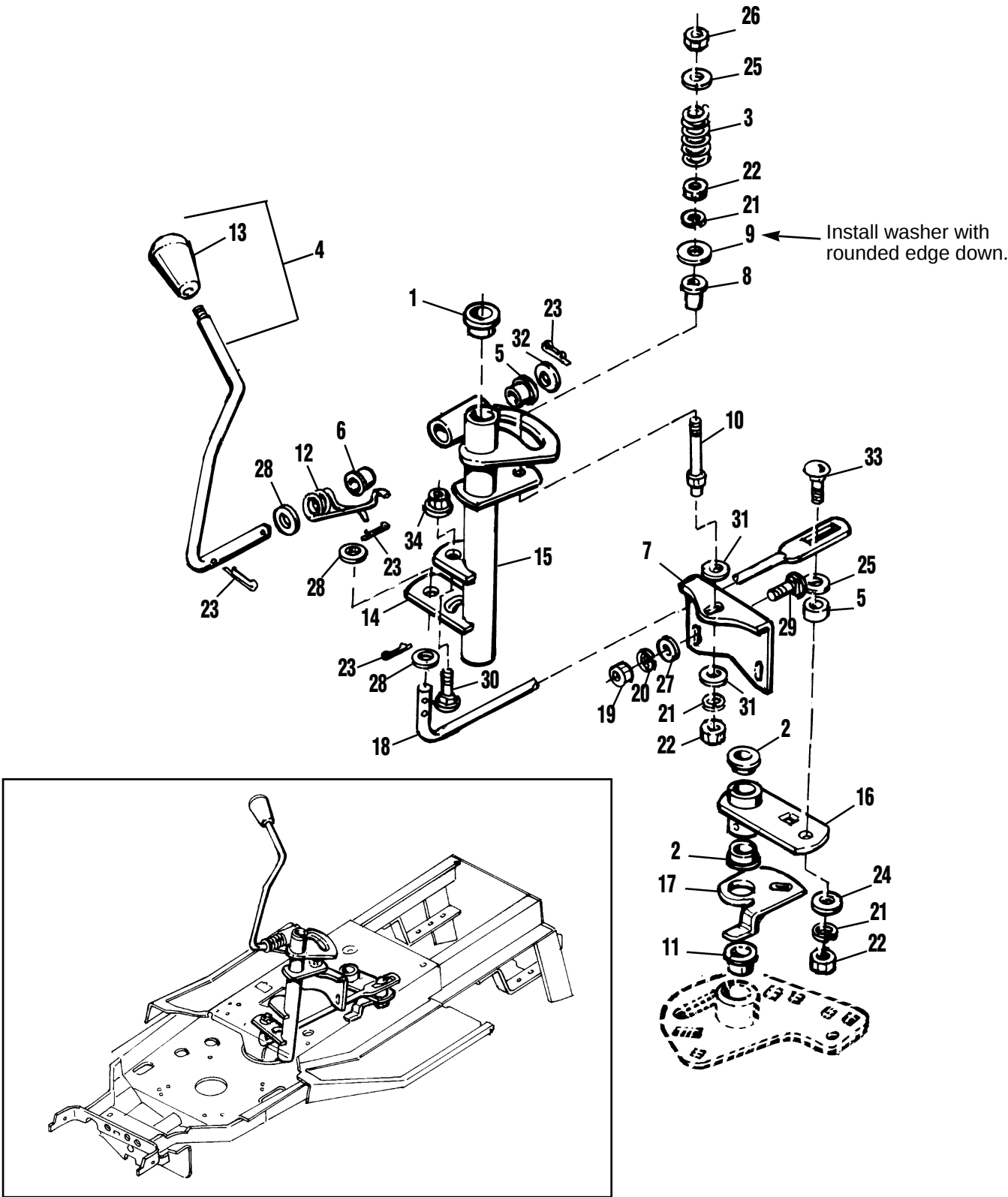


NOTE: Use standard hardware torque specifications chart unless otherwise noted.

Hydro Models

Clutch/Brake Controls

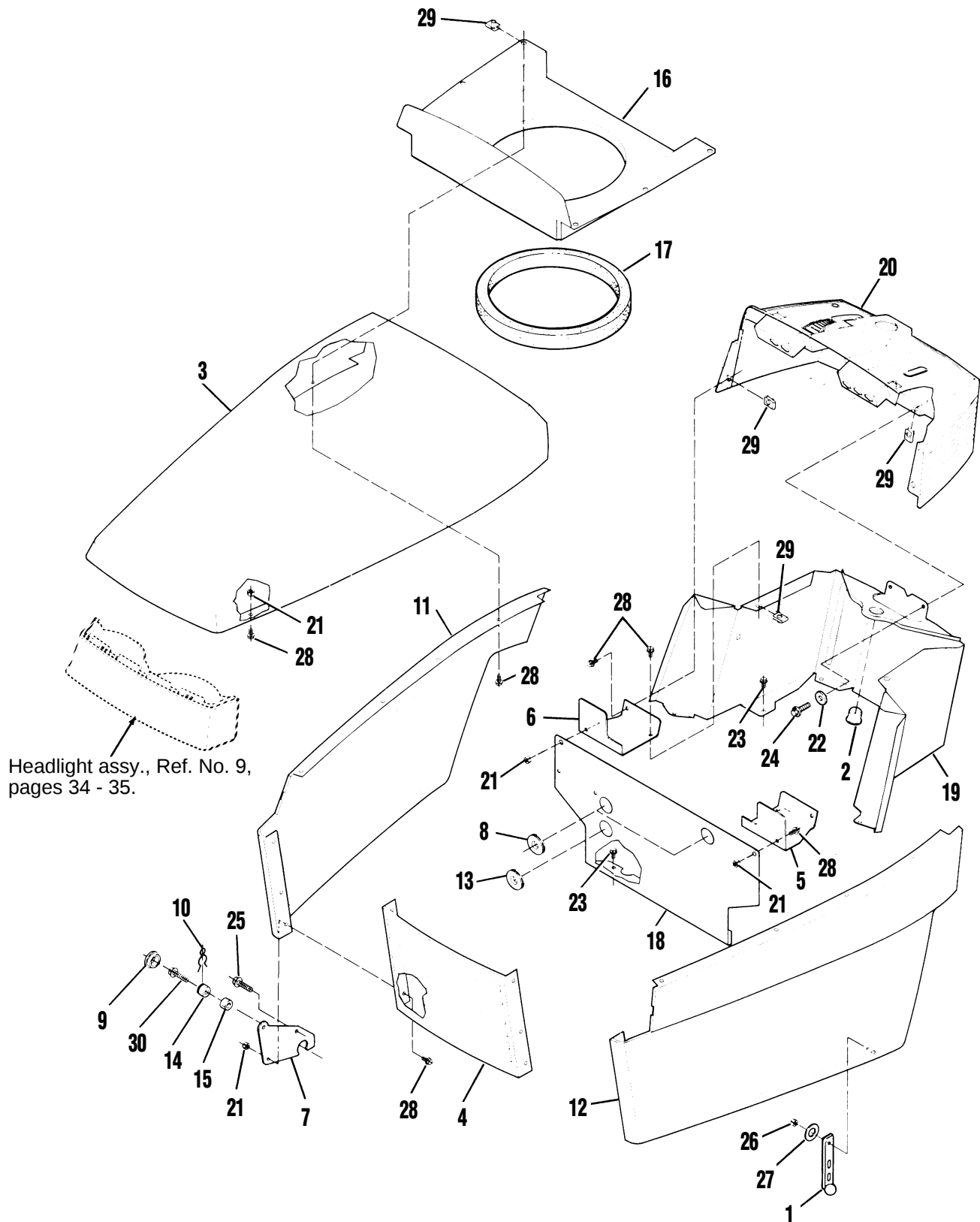
REF. NO.	PART NO.	QTY.	DESCRIPTION
1	156302	1	SPRING, Extension
2	172453	1	SPACER, 25/64 x 1 x 1-7/32
3	1663114	2	BUSHING, Plastic
4	1666294	1	SPACER, 3/8 x 43/64 x 29/64
5	1666759	1	SPRING, Drive
6	1677135	1	GUARD, Spring "L"
7	1704295	1	BRAKE PEDAL ASSY.
8	1704309	1	PAD, Brake Pedal Assy.
9	1704420	1	KLIP RING, 5/8
10	1704429	1	CAM, Parking Brake
11	1705486	1	SPACER
12	1707289	1	PULLEY, Idler, Backside
13	1708029	1	PULLEY, V, Idler
14	1709097	1	SPRING
15	1709863	1	BELT STOP
16	1709895	1	ROD, Clutch
17	1709896	1	ARM ASSY., Brake
18	1709903	1	IDLER ARM ASSY.
19	1709950	1	SWITCH, Actuator
20	1709951	1	ARM, Brake Pedal Assy.
21	1709974	1	SPRING, Tension
22	1713480	1	ROD, Parking Brake
23	1713855	1	KNOB
24	1714862	1	ROD, Brake
25	1714865	1	BRACKET, Idler
26	1715494	1	PULLEY
27	1916950	3	NUT, Hex, 3/8-16
28	1916965	3	LOCKWASHER, 3/8
29	1917356	1	LOCKWASHER, 5/16
30	1917372	1	NUT, Hex, Full, 5/16-18
31	1918447	3	COTTER PIN
32	1919326	4	WASHER, Plain, 5/16
33	1919384	1	WASHER, Plain, 3/4
34	1919438	1	NUT, Hex Nyloc, 5/16-18
35	1919439	1	NUT, Hex, Esna, 3/8-16
36	1921210	2	CAPSCREW, Hex Hd., 3/8-16 x 1
37	1921319	1	WASHER, Plain, 1/4
38	1922611	1	WASHER, 13/32 x 1-1/4 x 1/16
39	1922755	2	WASHER, Plain, 3/8
40	1922918	1	CAPSCREW, Hex Hd., 3/8-16 x 3-1/4
41	1923360	1	COTTER PIN, 1/16 x 3/4
42	1924940	12	WASHER, Plain, 3/8
43	1928352	2	NUT, Hex, Flange, Whiz, 3/8-16
44	1931353	2	CARRIAGE BOLT, 3/8-16 x 1-3/4
45	1960020	1	WASHER, 5/8 I.D. x 1-1/4 O.D. x 5/64 Thk.
46	1960044	1	WASHER, 21/64 I.D. x 1-1/4 O.D. x 5/64 Thk.
47	1960223	1	CARRIAGE BOLT, 5/16-18 x 1-1/4



Hydro Models

Shift Controls

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	176440	1	BUSHING, Plastic, 3/4
2	1663114	2	BUSHING, Plastic
3	1677746	1	SPRING
4	1685700	1	LEVER, Shift (Incl. Ref. No. 13)
5	1703900	1	SPACER
6	1704428	2	BUSHING, Plastic, 1/2
7	1704620	1	BRACKET, Tension
8	1709043	1	SPACER
9	1709140	1	WASHER, Special
10	1709211	1	STUD
11	1709894	1	BUSHING, Plastic
12	1713100	1	SPRING, Torsion
13	1713843	1	KNOB, Shift Lever
14	1715254	1	LEVER, Shift Adjuster
15	1715256	1	SHIFT LEVER ASSY.
16	1715261	1	PIVOT ASSY., Shift
17	1715262	1	LEVER, Lockout
18	1715263	1	SHIFT ROD, Front
19	1916622	2	NUT, Hex, Full, 1/4-20
20	1916964	2	LOCKWASHER, 1/4
21	1917356	4	LOCKWASHER, 5/16
22	1917372	3	NUT, Hex, Full, 5/16-18
23	1918447	4	COTTER PIN
24	1919326	1	WASHER, Plain, 5/16
25	1919381	2	WASHER
26	1919438	1	NUT, Hex, Nylon Lock, 5/16-18
27	1921319	2	WASHER, Plain, 1/4
28	1924361	3	WASHER
29	1931317	2	CARRIAGE BOLT, 1/4-20 x 3/4
30	1931350	1	CARRIAGE BOLT, 3/8-16 x 1
31	1960044	2	WASHER
32	1960206	1	WASHER
33	1960223	1	CARRIAGE BOLT, 5/16-18 x 1-1/4
34	1960339	1	NUT, Hex, Flange Lock, 3/8-16

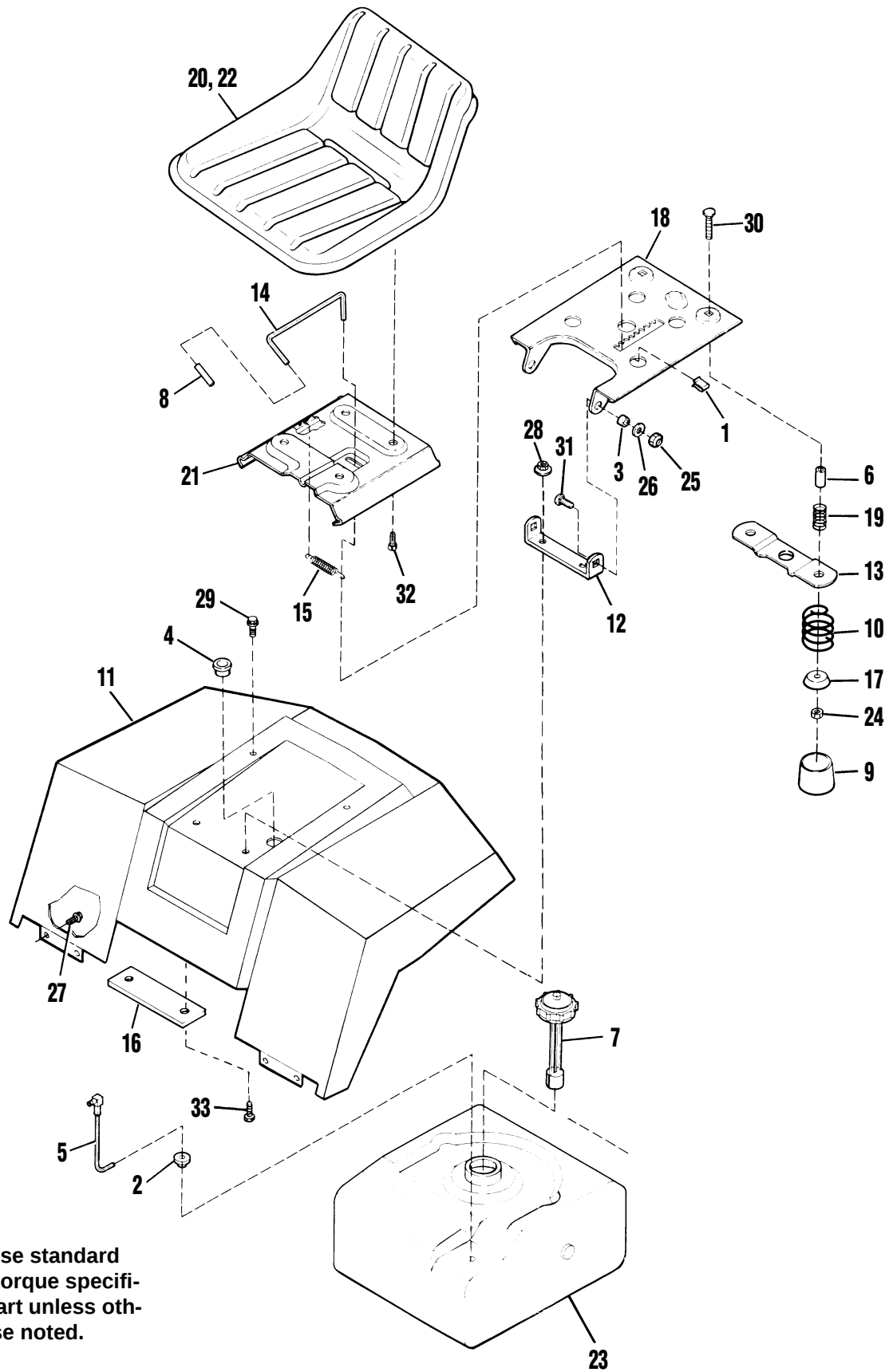


NOTE: Use standard hardware torque specifications chart unless otherwise noted.

All Models

Hood, Grille & Dash Group

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	171600	2	STRAP, Hood
2	176440	1	BUSHING, Nylon
3	1703240	1	HOOD (Orange)
3	41703240	1	HOOD (Red)
4	1703292	1	GRILLE
5	1704133	1	SUPPORT, Bulkhead, LH
6	1704134	1	SUPPORT, Bulkhead, RH
7	1704316	2	HINGE, Hood
8	1704342	1	GROMMET, Bulkhead
9	1704626	2	SPACER, Hood
10	1704628	2	CLIP, Hairpin
11	1704878	1	SIDE PANEL ASSY., RH (Orange)
11	41704878	1	SIDE PANEL ASSY., RH (Red)
12	1704879	1	SIDE PANEL ASSY., LH (Orange)
12	41704879	1	SIDE PANEL ASSY., LH (Red)
13	1704927	1	GROMMET, Wire Harness
14	1705248	2	PIVOT, Hood
15	1705249	2	SPACER
16	1707325	1	AIR DUCT
17	1707326	1	SEAL, Air Duct
18	1707580	1	BULKHEAD
19	1709241	1	DASH, Lower
20	1714024	1	DASH ASSY.
21	1920397	10	NUT, Hex, Full Lock, 1/4-20
22	1921319	2	WASHER, Plain, 1/4
23	1925003	8	SCREW, Taptite, 1/4-20 x 1/2
24	1930594	2	CAPSCREW, Whizlock, 1/4-20 x 3/4
25	1930601	2	SCREW, Taptite, 5/16-18 x 5/8
26	1933896	2	NUT, Hex, Lock, Nylon #10-24
27	1960096	2	WASHER, Special
28	1960295	20	CAPSCREW, Whizlock, 1/4-20 x 5/8
29	1960368	10	PAL NUT, 1/4-20
30	1960373	2	SCREW, Taptite, 5/16-18 x 1

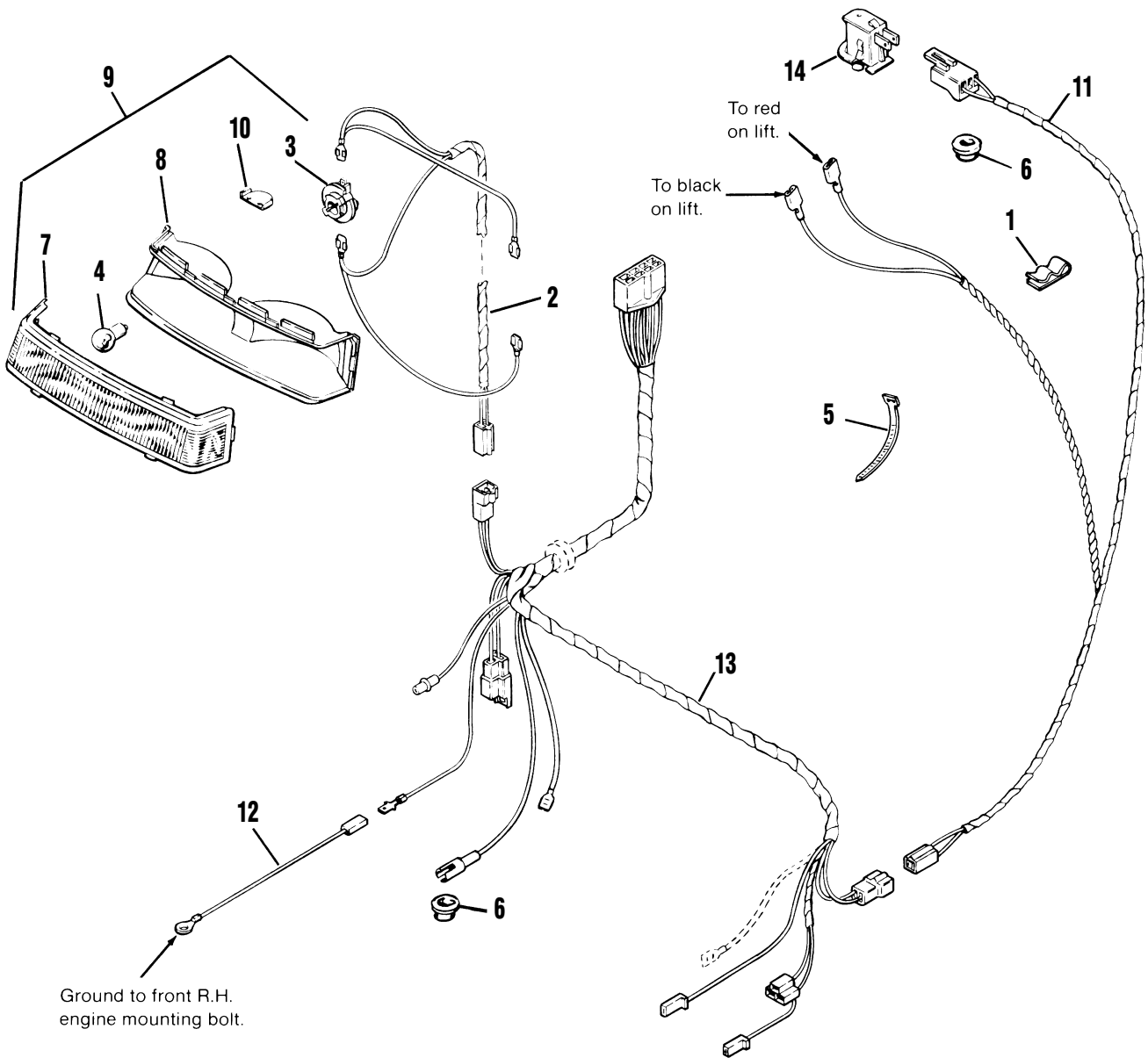


NOTE: Use standard hardware torque specifications chart unless otherwise noted.

All Models

Seat, Deck & Fuel Tank

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	935112	1	CLIP, Speed
2	1654930	1	BUSHING
3	1663752	2	SPACER
4	1701229	1	BUSHING, Snap
5	1704108	1	ELBOW & TUBE ASSY.
6	1704299	2	SPACER
7	1704366	1	CAP, Fuel Gauge
8	1704723	1	HANDLE, Grip
9	1704724	2	COVER, Spring
10	1704728	2	SPRING, Compression, 2" O.D.
11	1706513	1	SEAT DECK (Orange)
	41706513	1	SEAT DECK (Red)
12	1707084	1	BRACKET, Seat, Pivot
13	1707101	1	PLATE, Switch
14	1707133	1	LEVER, Seat Release
15	1707137	1	SPRING
16	1708361	1	PLATE, Reinforcement
17	1709256	2	WASHER, Plain
18	1709307	1	SUPPORT, Seat, Pivot
19	1709308	2	SPRING, Compression
20	1713840	1	SEAT (Incl. Ref. No. 22)
21	1714441	1	BRACKET, Seat Slide
22	1714483	1	COVER, Seat
23	1714820	1	TANK, Fuel
24	1919438	2	NUT, Hex, Full, 5/16-18
25	1919439	2	NUT, Hex Hd., Nyloc, 3/8-16
26	1924940	2	WASHER, Plain, 13/32
27	1925003	4	SCREW, Taptite, 1/4-20 x 1/2
28	1928352	2	NUT, Hex, Flange, Whizlock, 3/8-16
29	1930601	2	SCREW, Taptite, 5/16-18 x 5/8
30	1931339	2	CARRIAGE BOLT, 5/16-18 x 2
31	1931350	2	CARRIAGE BOLT, 3/8-16 x 1
32	1931648	4	BOLT, Hex, Whizlock, 5/16-18 x 5/8
33	1960459	2	SCREW, Truss Hd., Torx Dr., 3/8-16 x 1

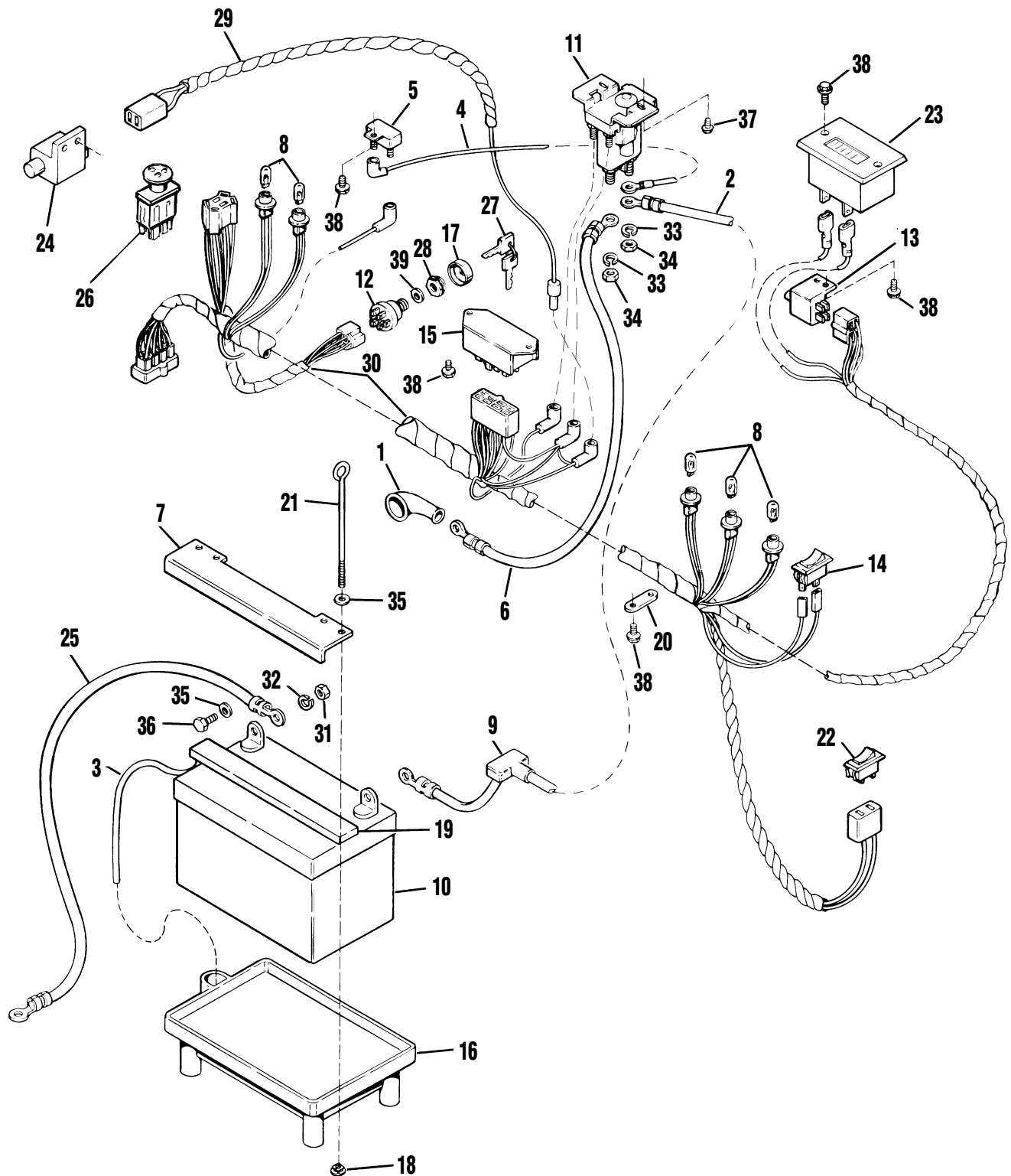


NOTE: Use standard hardware torque specifications chart unless otherwise noted.

All Models

Electrical - Lower Harness

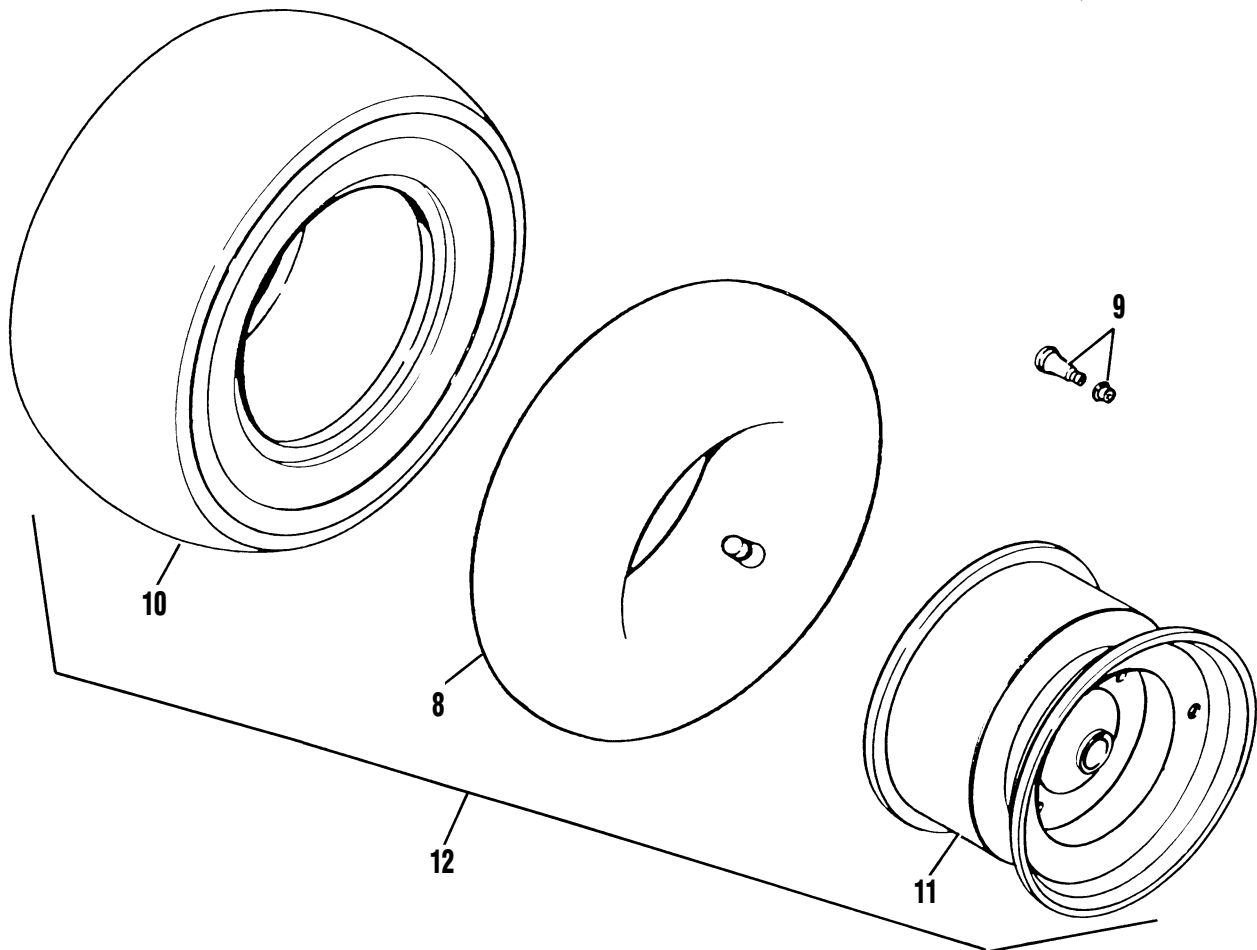
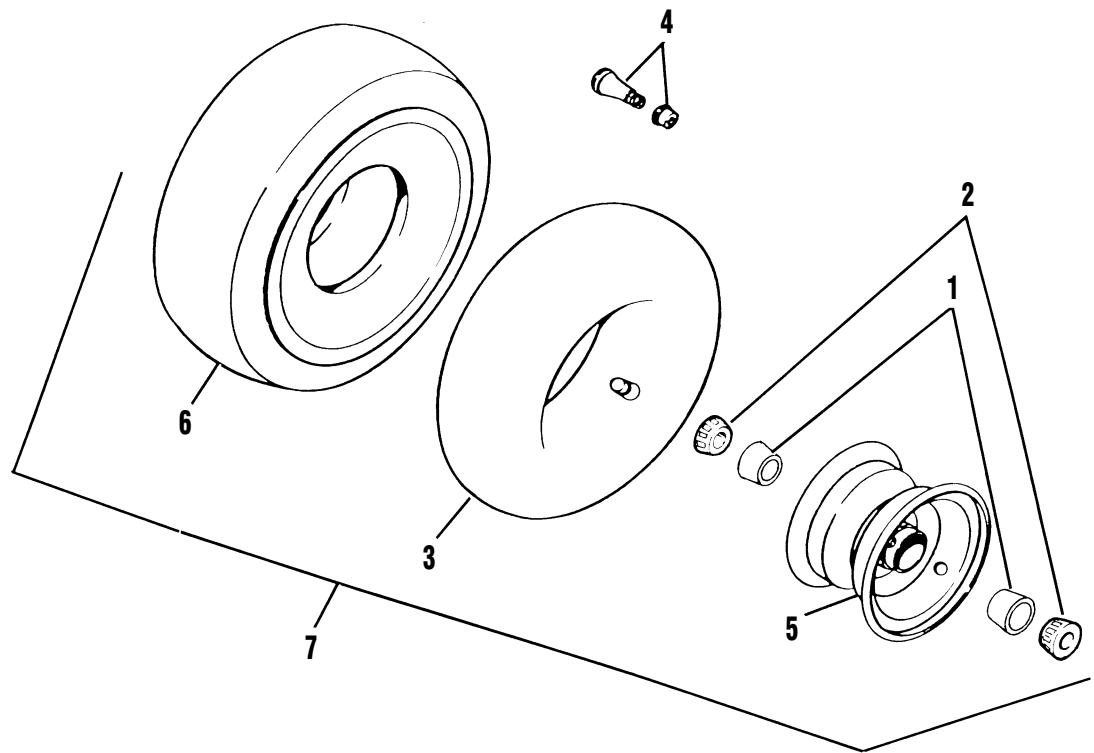
REF. NO.	PART NO.	QTY.	DESCRIPTION
1	172434	1	CLIP, Speed
2	1674358	1	WIRE ASSY., Headlight
3	1677370	2	SOCKET, Bulb
4	1677371	2	BULB, Headlight, 12.8V
5	1701011	1	TIE, Cable
6	1701229	2	BUSHING, Snap, Small
7	1703248	1	LENS, Headlight
8	1703249	1	BEZEL, Headlight
9	1703945	1	HEADLIGHT ASSY. (Incl. Ref. Nos. 3, 4, 7, 8 & 10)
10	1703946	2	HEAT SHIELD
11	1707231	1	WIRE ASSY., Seat Switch and Lift
12	1707232	1	WIRE ASSY., Engine Ground
13	1707234	1	HARNESS ASSY., Lower
14	1709359	1	SWITCH, Seat, Operator Present



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

All Models**Electrical - Main Harness**

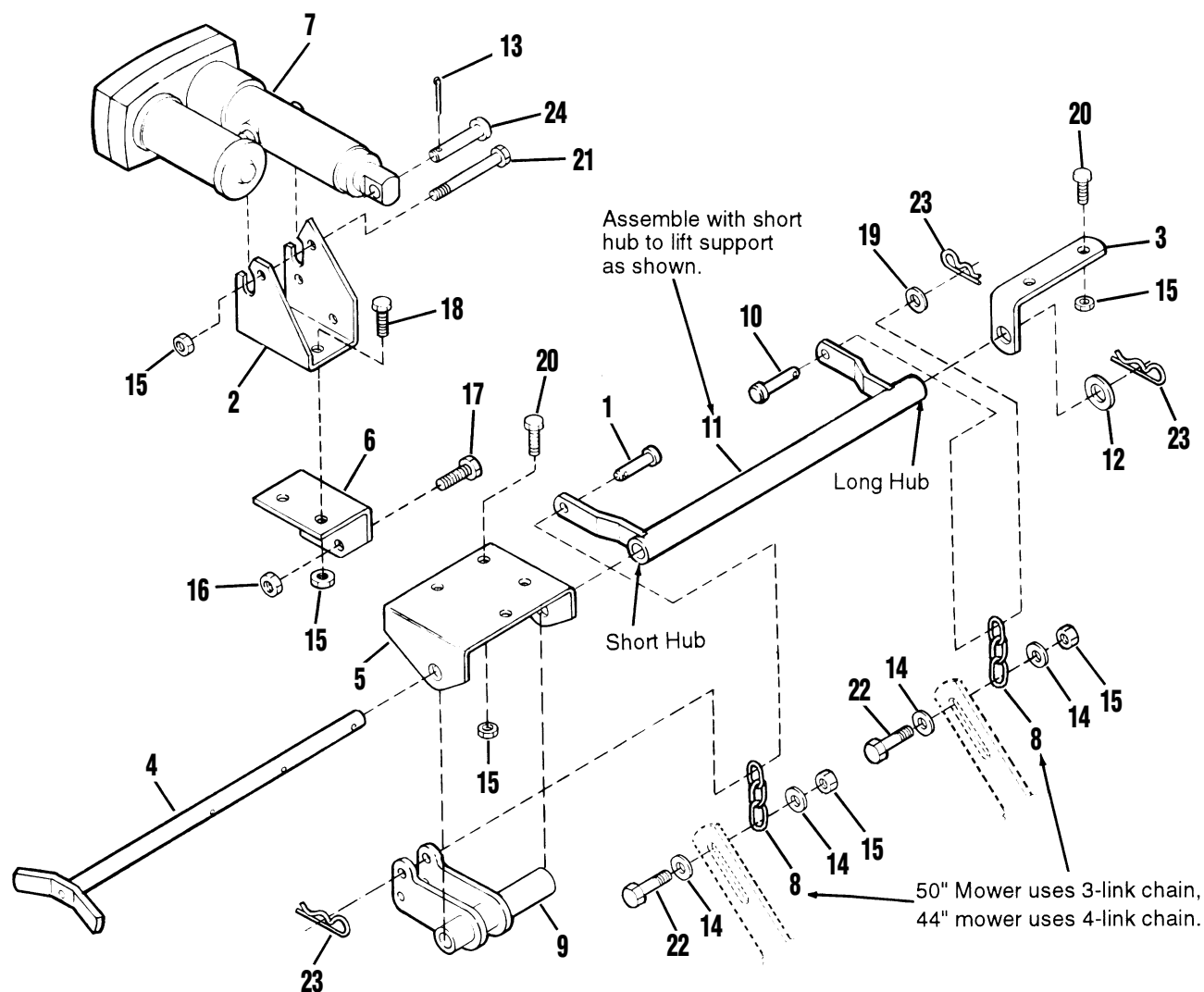
REF. NO.	PART NO.	QTY.	DESCRIPTION
1	122023	1	COVER, Terminal
2	1603618	1	CABLE, Battery-to-Solenoid
3	1612103	1	HOSE, Battery, Drain
4	1665237	1	WIRE ASSY.
5	1665238	1	CIRCUIT BREAKER
6	1668819	1	CABLE, Solenoid-to-Starter
7	1669831	1	HOLD DOWN, Battery
8	1676130	5	BULB, Indicator Light
9	1677296	1	BOOT, Insulator
10	1685215	1	BATTERY, 39 Amp (Power Max)
11	1685290	1	SOLENOID
12	1686637	1	IGNITION SWITCH (Incl. Ref. No. 27, 28, 39)
13	1701521	1	SWITCH, Transmission, Neutral Start
14	1703799	1	SWITCH, Headlight
15	1703972	1	MODULE
16	1704112	1	TRAY, Battery
17	1704346	1	COVER, Key Switch
18	1704349	2	NUT, Plastic, 1/4-20
19	1704581	1	VENT, Battery
20	1704614	1	STRAP, Wire Retainer
21	1704632	2	ROD, Battery Hold Down
22	1707007	1	SWITCH, Lift
23	1707063	1	HOURLMETER
24	1709359	1	SWITCH
25	1713163	1	CABLE, Battery-to-Ground
26	1713487	1	SWITCH, PTO, Electric Clutch
27	1714054	2	KEY, Ignition
28	1714055	1	ADAPTER, Nut
29	1714970	1	HARNESS, Wiring
30	1715086	1	HARNESS, Upper
31	1916622	2	NUT, Hex, Full, 1/4-20
32	1916964	2	LOCKWASHER, 1/4
33	1917356	2	LOCKWASHER, 5/16
34	1920263	2	NUT, Hex, 5/16-24
35	1921319	4	WASHER, Plain, 9/32
36	1923341	2	CAPSCREW, Hex, 1/4-20 x 3/4
37	1960256	2	SCREW, Plastite, 1/4-20 x 5/8
38	1960369	7	SCREW, Plastite, #8-16 x 1/2
39	1960547	1	LOCKWASHER, Internal Tooth



All Models

Wheels & Tires

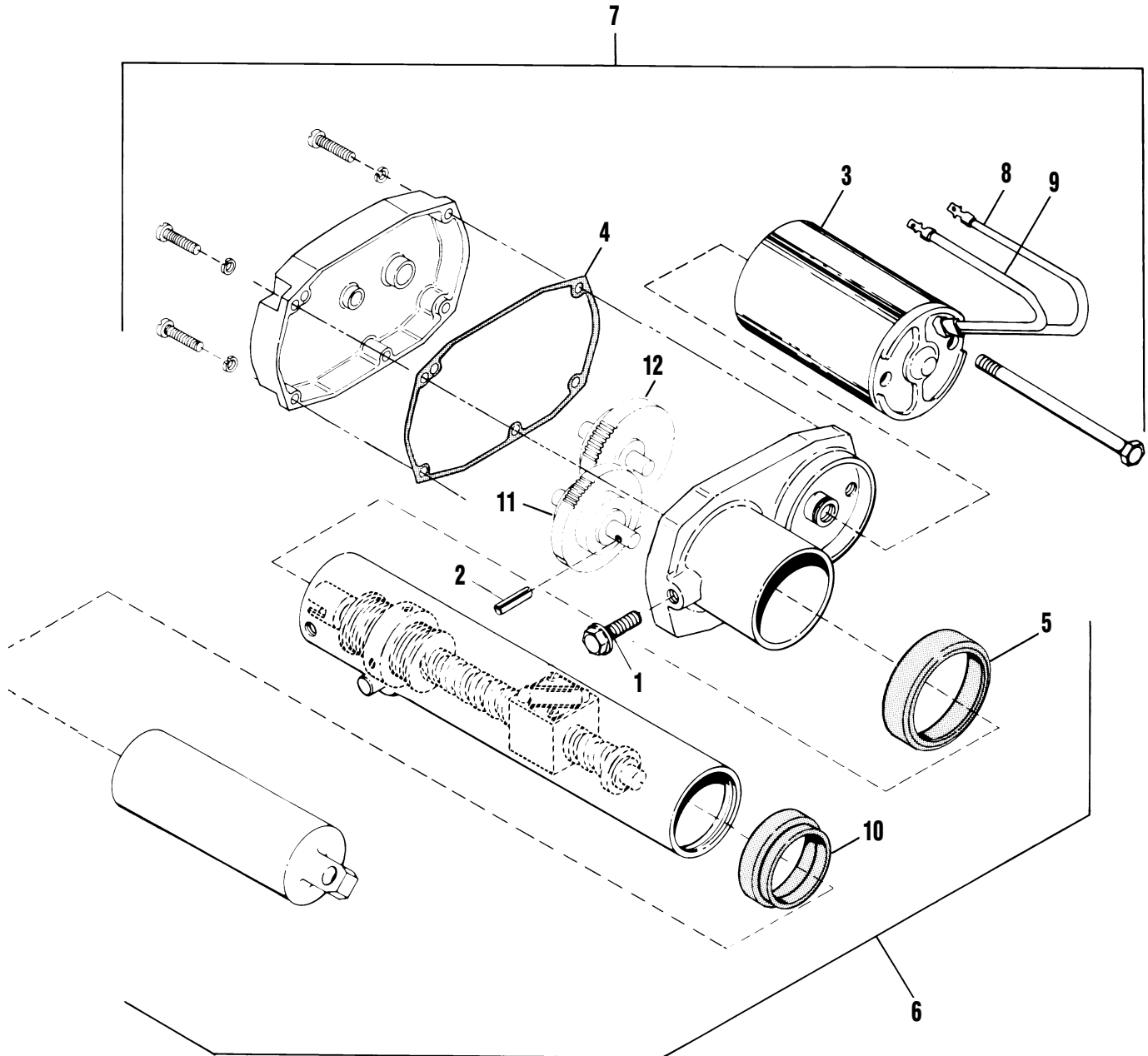
REF. NO.	PART NO.	QTY.	DESCRIPTION
FRONT WHEELS			
1	154393	4	CUP, Bearing
2	154486	4	BEARING, Tapered Roller
3	164247	2	TUBE, 16 x 6.50 (Service only)
4	172353	2	VALVE STEM & CAP ASSY.
5	1713177	2	FRONT WHEEL ASSY., Metallic Gray (Incl. Ref. No. 1)
6	1709959	2	TIRE, Dico, Multi Trac, 16 x 6.50
7	1713060	2	FRONT WHEEL & TIRE ASSY., Metallic Gray, 16 x 6.50-8 (Incl. Ref. Nos. 4, 5 & 6)
REAR WHEELS			
8	157638	2	TUBE, 23 x 10.50-12
9	172353	2	VALVE STEM & CAP ASSY.
10	1709969	2	TIRE, Dico, Multi Trac, 23 x 10.50-12
11	1713174	2	REAR WHEEL ASSY., Metallic Gray, 23 x 10.50-12 (Incl. Ref. No. 2)
12	1713062	2	REAR WHEEL & TIRE ASSY., Metallic Gray, 23 x 10.50-12 (Incl. Ref. Nos. 8 - 11)



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

All Models**Electric Lift Assembly**

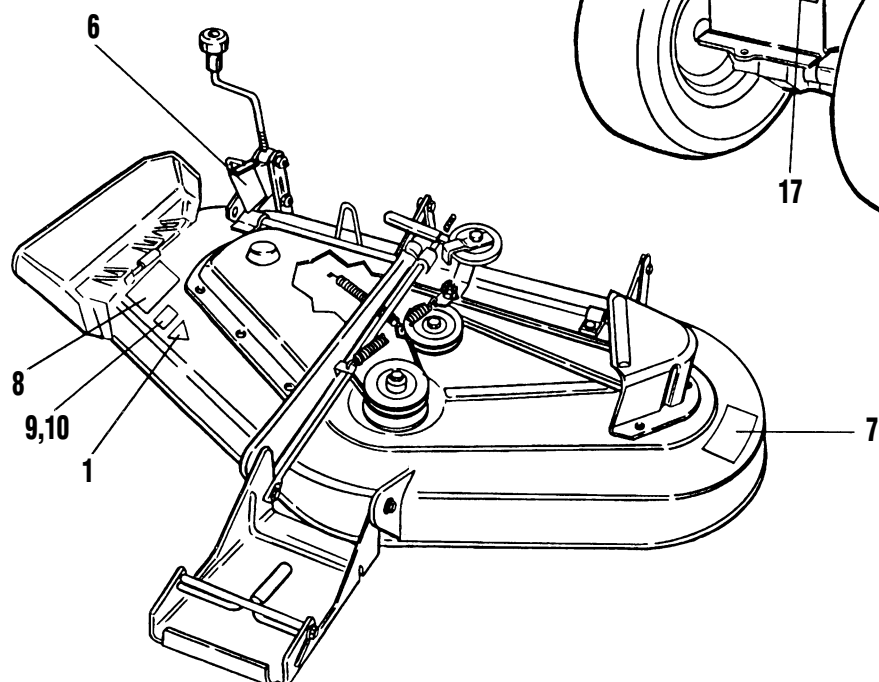
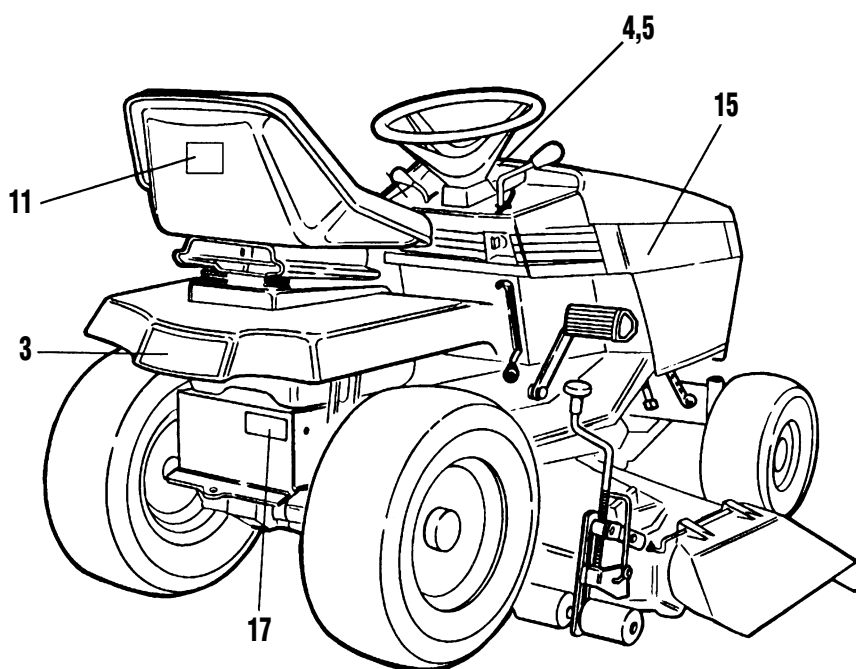
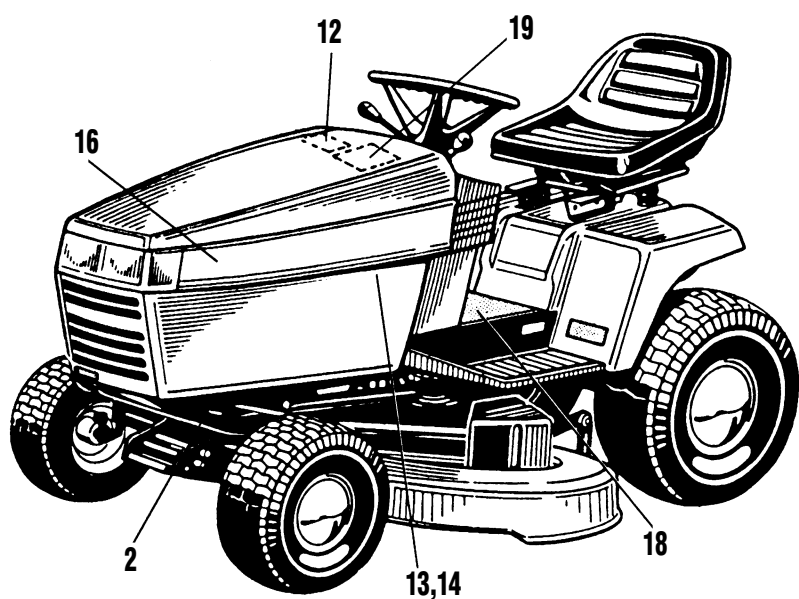
REF. NO.	PART NO.	QTY.	DESCRIPTION
1	1672344	1	PIN, Clevis
2	1701877	1	BRACKET, Actuator
3	1704712	1	LIFT, Pivot Bracket
4	1706525	1	SHAFT ASSY.
5	1706529	1	SUPPORT, Lift
6	1706530	1	SUPPORT, Actuator
7	1706733	1	POWER LIFT ASSY. (See next page for service parts)
8	1707514	2	CHAIN, 3-Link
	1708088	2	CHAIN, 4-Link
9	1708291	1	LIFT ARM ASSY.
10	1708298	1	PIN, Clevis
11	1708299	1	LIFT TUBE ASSY.
12	1911386	1	WASHER, Plain
13	1918451	1	PIN, Cotter
14	1919381	4	WASHER, Plain
15	1919438	9	NUT, Hex, Lock, ESNA, 5/16-18
16	1919439	2	NUT, Hex, Lock, ESNA, 3/8-16
17	1920415	2	CAPSCREW, Hex Hd., Whizlock, 3/8-16 x 1
18	1921333	2	CAPSCREW, Hex Hd., 5/16-18 x 1
19	1922755	1	WASHER, Plain
20	1923325	6	CAPSCREW, Hex Hd., 5/16-18 x 7/8
21	1926106	1	CAPSCREW, Hex Hd., 5/16-18 x 3-1/4
22	1930570	2	CAPSCREW, Hex Hd., 5/16-18 x 1-1/2
23	1960033	3	CLIP, Hair Pin (Large)
24	1960064	1	PIN



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

Power Lift Assembly, Part No. 1706733**Electric Lift Assembly - Service Parts**

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	1605773	1	CAPSCREW, Taptite
2	1605778	1	PIN, Drive
3	1663966	1	MOTOR KIT, 12 VDC
4	1667788	1	GASKET, Housing
5	1703531	1	SEAL, Outer Tube (Top)
6	1709104	1	BALL SCREW ASSY.
7	1709105	1	MOTOR & GEARBOX ASSY., 12 VDC, 17:1 Ratio
8	1709106	1	BRUSH & LEAD (Red)
9	1709107	1	BRUSH & LEAD (Black)
10	1709108	1	SEAL, Inner Tube (Top)
11	1709109	1	OUTPUT GEAR & SLIP CLUTCH ASSY.
12	1709110	1	GEAR ASSY., 2nd & 3rd

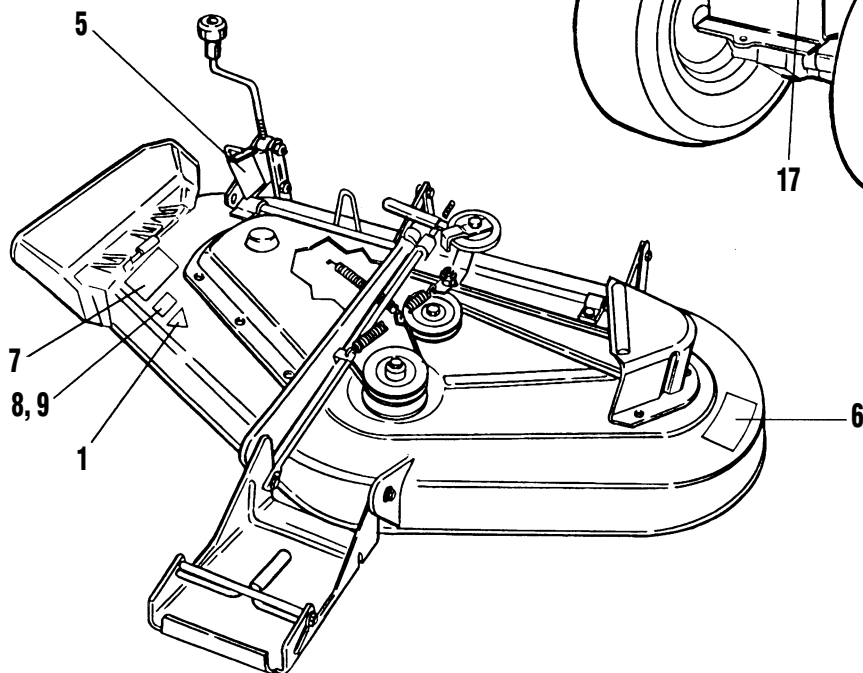
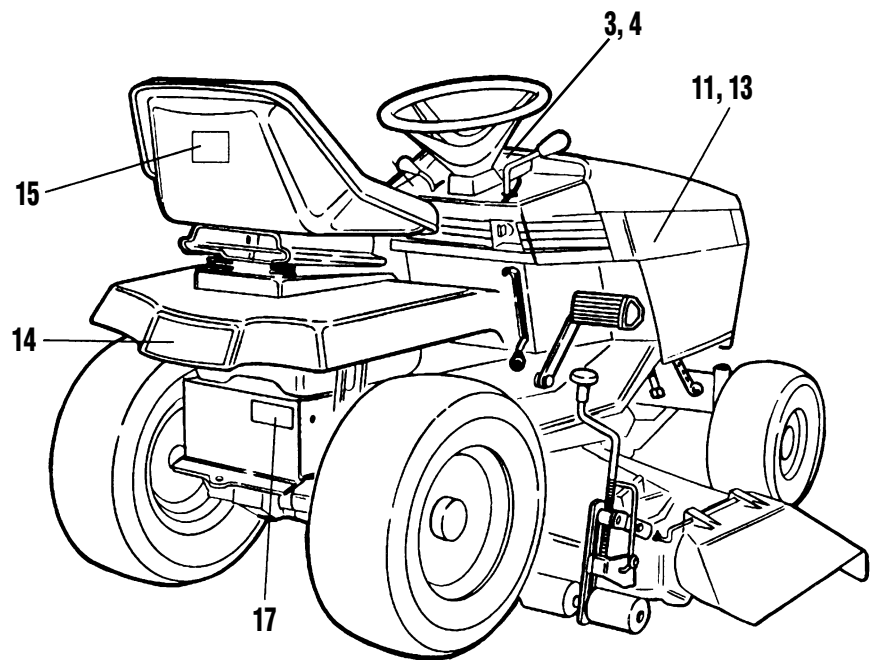
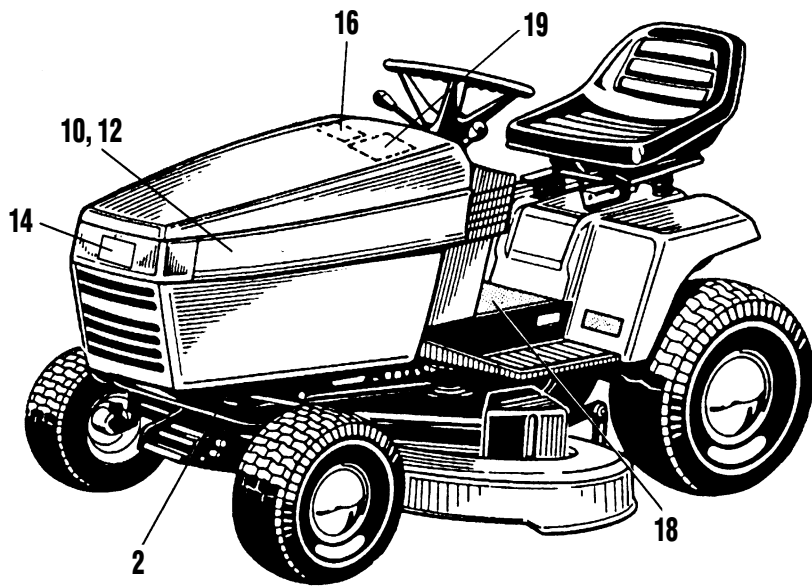


Decals - Simplicity Models

REF. NO.	PART NO.	QTY.	DESCRIPTION
1		1	DECAL, OPEI (Not Serviced)
2		1	I.D. PLATE (Not serviced)
3	1668202	1	DECAL, Simplicity
4	1703859	1	DECAL, Indicator Dash, LH (Blue/Red, Green)
5	1703860	1	DECAL, Indicator Dash, RH (Green/Red)
6	1704131	1	DECAL, Mower Height
7	1704276	1	DECAL, Danger (Hand Under Deck)
8	1704277	1	DECAL, Danger (Chute in Place)
9	1704478	1	DECAL, Cutting Width, 44"
10	1706640	1	DECAL, Cutting Width, 50"
11	1708927	1	DECAL, Logo U.S.A.
12	1709061	1	DECAL, Paint
13	1713972	2	DECAL, Model Number, 16 HP Hydro
14	1713978	2	DECAL, Model Number, 18 HP Hydro
15	1714127	1	DECAL, Hood, RH
16	1714128	1	DECAL, Hood, LH.
17	1714852	1	DECAL, Release Lever
18	1715087	1	DECAL, Operating Instructions
19	1715542	1	DECAL, Belt, Blade

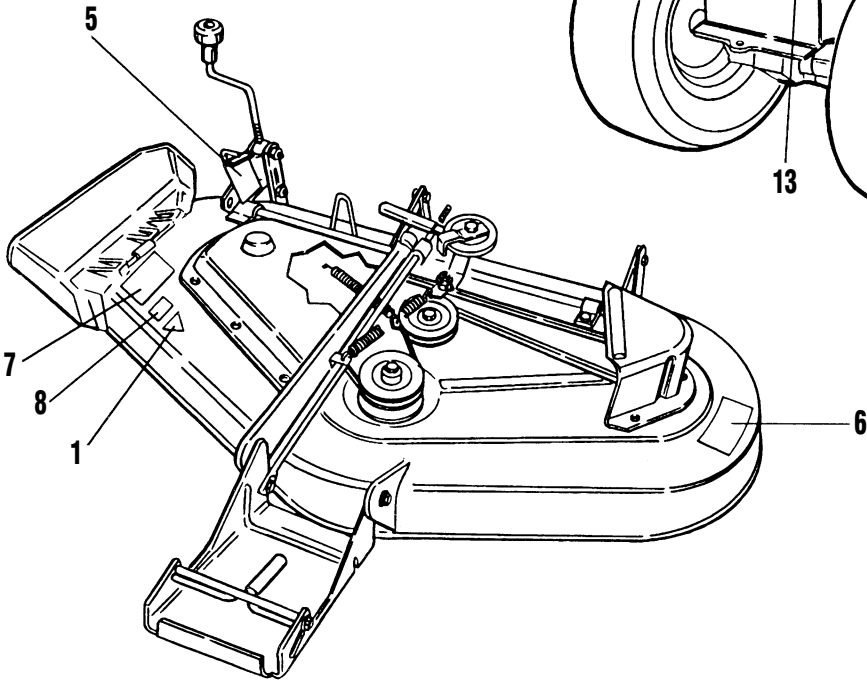
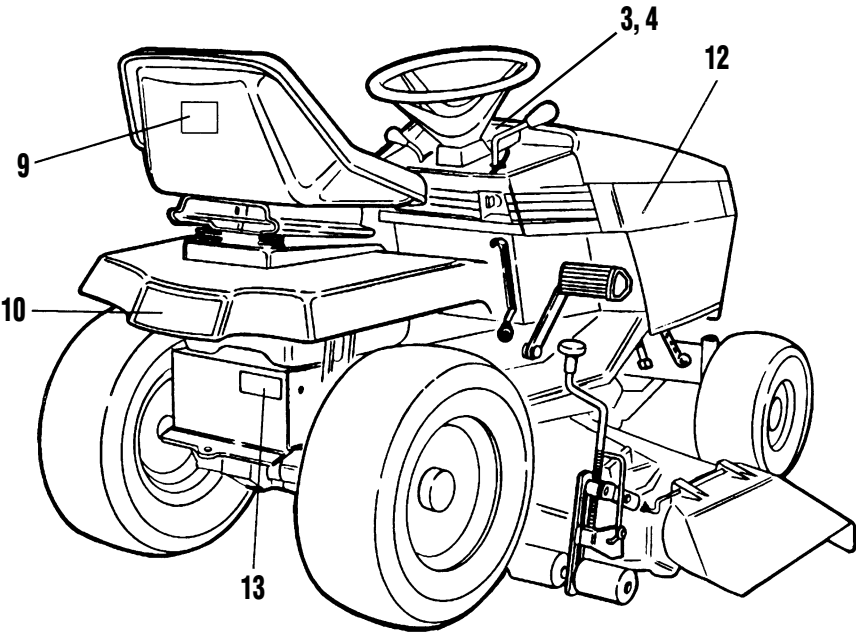
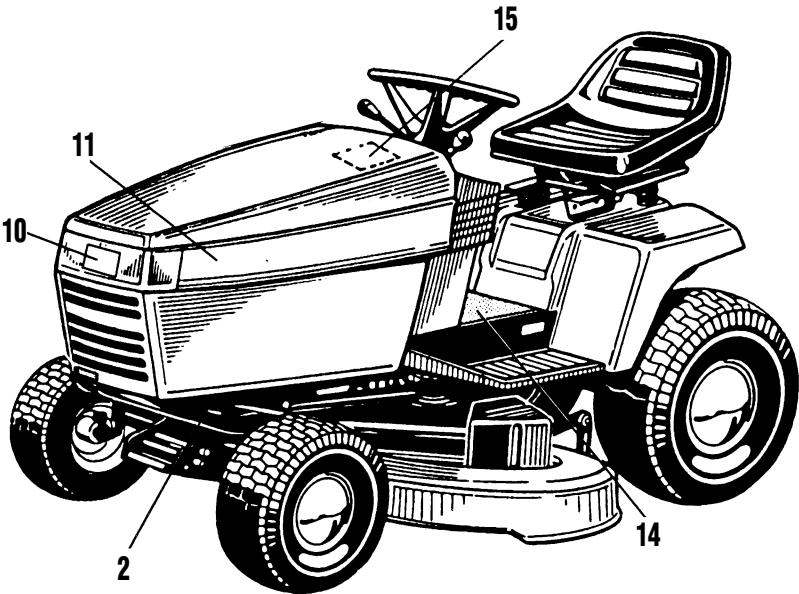
Not Shown:

1708994	1	ENGINE DECAL, 18 HP
1708995	1	ENGINE DECAL, 16 HP



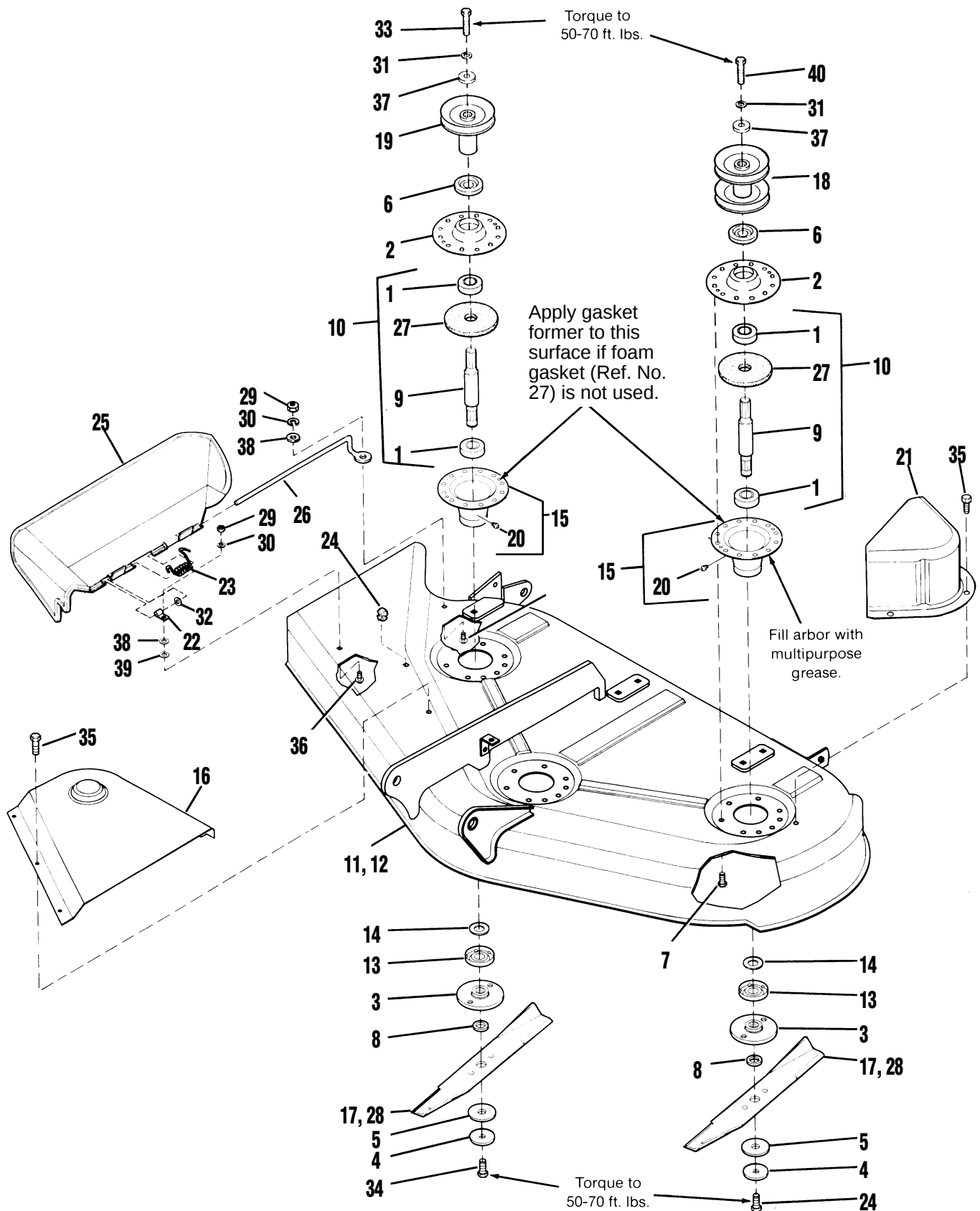
Decal Group - AGCO Allis Models

REF. NO.	PART NO.	QTY.	DESCRIPTION
1		1	DECAL, OPEI (Not Serviced)
2		1	I.D. PLATE (Not serviced)
3	1703859	1	DECAL, Indicator Dash, LH (Blue/Red, Green)
4	1703860	1	DECAL, Indicator Dash, RH (Green/Red)
5	1704131	1	DECAL, Mower Height
6	1704276	1	DECAL, Danger (Hand Under Deck)
7	1704277	1	DECAL, Danger (Chute in Place)
8	1704478	1	DECAL, Cutting Width, 44"
9	1706640	1	DECAL, Cutting Width, 50"
10	1708799	1	DECAL, Hood, LH, 1718 Hydro
11	1708800	1	DECAL, Hood, RH, 1718 Hydro
12	1708801	1	DECAL, Hood, LH, 1716 Hydro
13	1708802	1	DECAL, Hood, RH, 1716 Hydro
14	1708926	2	DECAL, AGCO
15	1708927	1	DECAL, Logo U.S.A.
16	1709061	1	DECAL, Paint
17	1714852	1	DECAL, Release Lever
18	1715087	1	DECAL, Operating Instructions
19	1715542	1	DECAL, Belt, Blade



Decal Group - Massey Ferguson Models

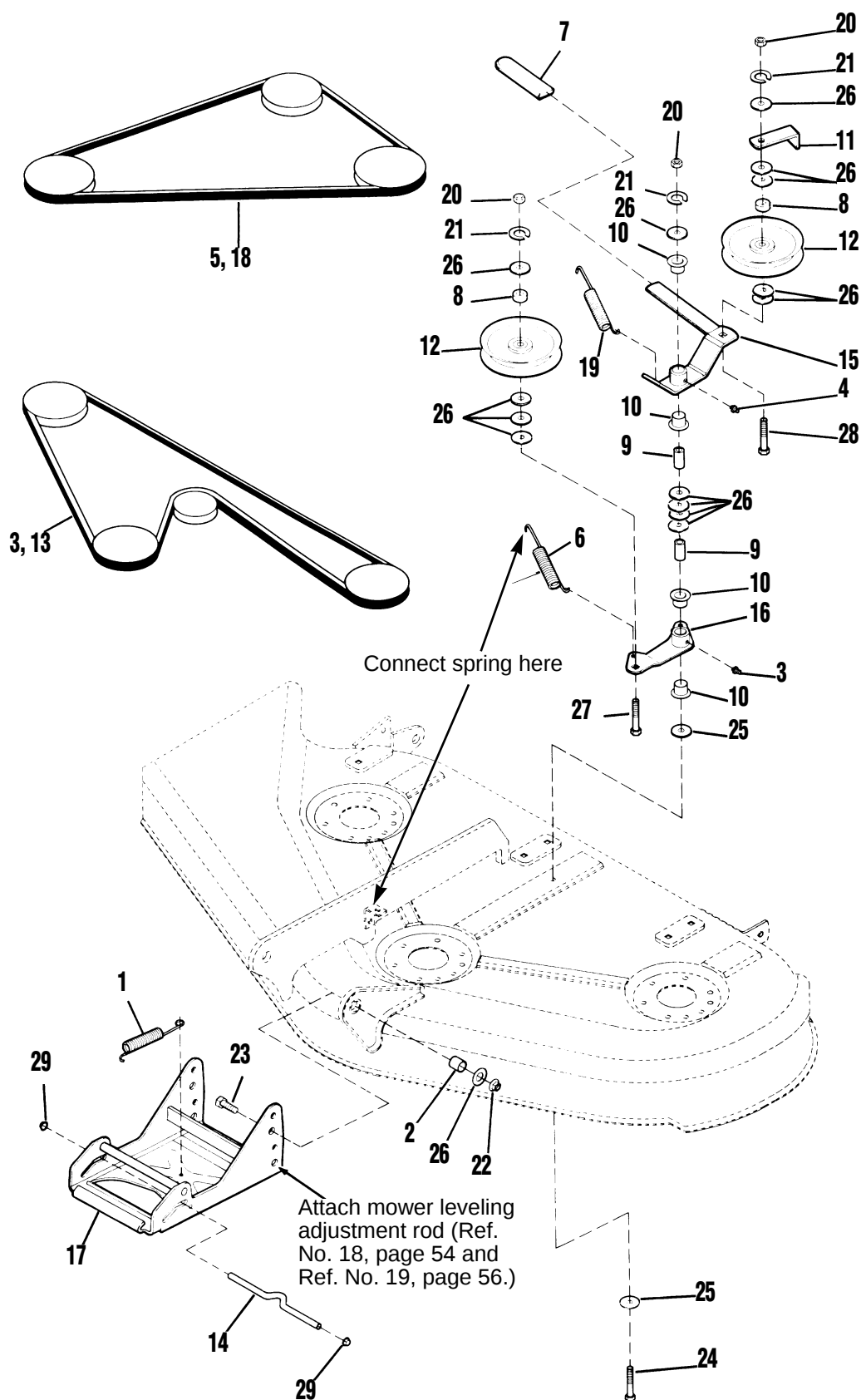
REF. NO.	PART NO.	QTY.	DESCRIPTION
1		1	DECAL, OPEI (Not Serviced)
2		1	I.D. PLATE (Not serviced)
3	1703859	1	DECAL, Indicator Dash, LH (Blue/Red, Green)
4	1703860	1	DECAL, Indicator Dash, RH (Green/Red)
5	1704131	1	DECAL, Mower Height
6	1704276	1	DECAL, Danger (Hand Under Deck)
7	1704277	1	DECAL, Danger (Chute in Place)
8	1706640	1	DECAL, Cutting Width, 50"
9	1708927	1	DECAL, Logo U.S.A.
10	1714363	2	DECAL, Massey Ferguson
11	1714376	1	DECAL, Hood, LH
12	1714377	1	DECAL, Hood, RH
13	1714852	1	DECAL, Release Lever
14	1715087	1	DECAL, Operating Instructions
15	1715542	1	DECAL, Belt, Blade



All Models

44" & 50" Mower - Deck, Arbors & Blades

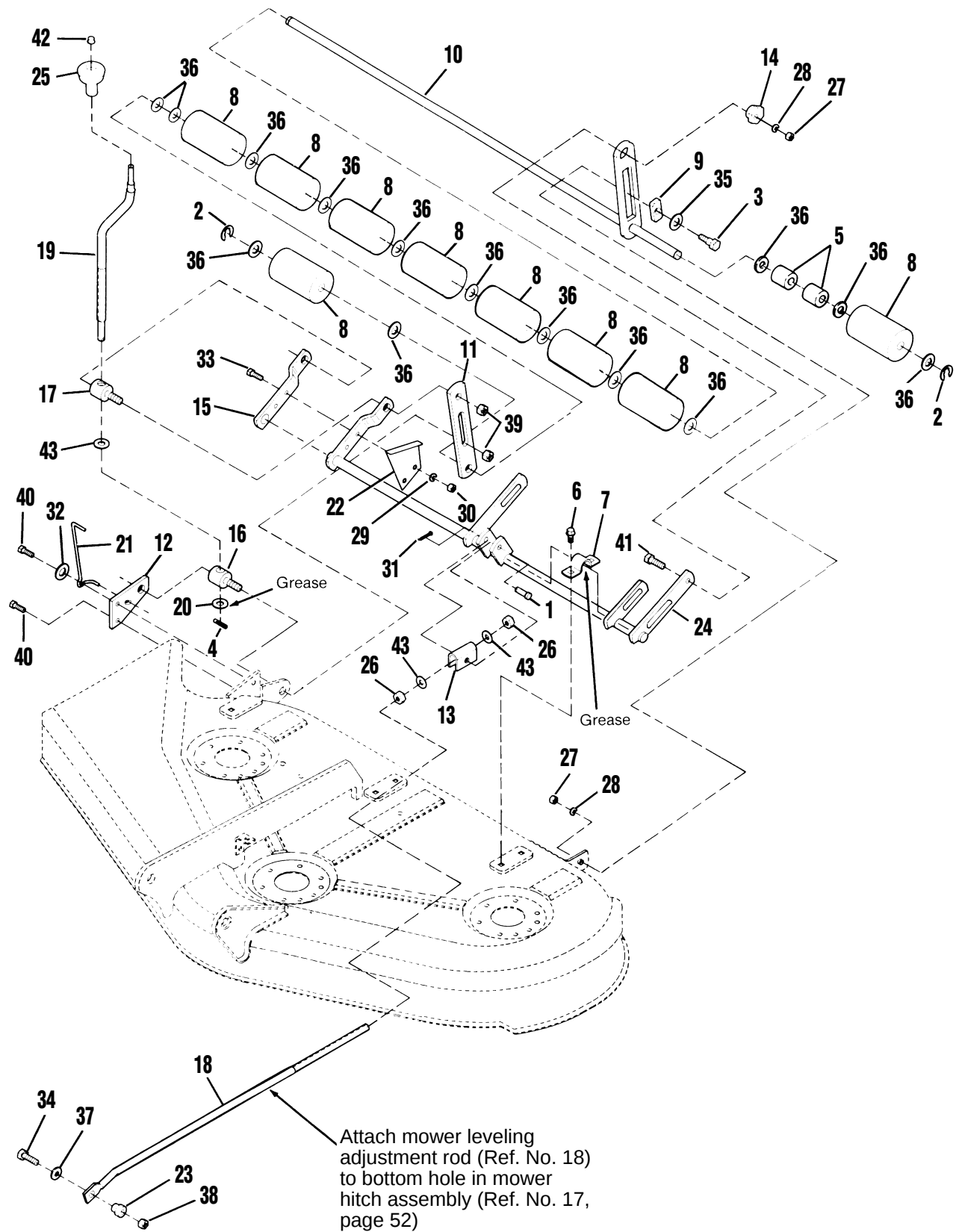
REF. NO.	PART NO.	QTY.	DESCRIPTION
1	108202	6	BEARING
2	1655729	3	HOUSING, Arbor, Top
3	1655777	3	ADAPTOR, Blade
4	1656916	3	WASHER, Spring
5	1656927	3	WASHER, Spline
6	1657969	3	SHIELD, Grass, Upper
7	1664847	18	SCREW, Hex, Taptite, 5/16 x 3/4
8	1672132	3	COLLAR, Mower Arbor
9	1685245	3	SHAFT, Arbor (Incl. Ref. No. 8)
10	1685251	3	SHAFT & BEARING ASSY. (Center & Outer) (Incl. Ref. Nos. 1, 9, & 27)
11	1685411	1	HOUSING ASSY., 44" (Orange)
	61685411	1	HOUSING ASSY., 44" (Black)
12	1685460	1	HOUSING ASSY., 50" (Orange)
	61685460	1	HOUSING ASSY., 50" (Black)
13	1700229	3	SHIELD, Grass, Bottom
14	1700230	3	WASHER, Shim
15	1703273	3	HOUSING ASSY., Arbor, Bottom (Incl. Ref. Nos. 15 & 20)
16	1703601	1	COVER, Arbor
17	1704100	3	BLADE, Mower, 44"
18	1704121	1	PULLEY ASSY.
19	1704123	2	PULLEY ASSY., Deck Drive
20	1704314	3	GREASE FITTING
21	1704373	1	COVER, Arbor
22	1704873	1	CLAMP
23	1705080	1	SPRING
24	1705115	1	PLUG, Hole
25	1705449	1	DEFLECTOR, Plastic
26	1706709	1	ROD, Deflector, Front
27	1707335	3	GASKET, Foam
28	1708229	3	BLADE, Mower, 50"
29	1916622	2	NUT, Hex, 1/4-20
30	1916964	2	LOCKWASHER, 1/4
31	1918199	3	LOCKWASHER, 7/16
32	1919326	1	WASHER, Plain, 5/16
33	1923471	2	CAPSCREW, Hex Hd., 7/16-14 x 1-1/4
34	1923491	3	CAPSCREW, Hex Hd., 7/16-14 x 1
35	1924856	7	SCREW, Hex, Taptite, 5/16 x 1/2
36	1931318	2	CARRIAGE BOLT, 1/4-20 x 7/8
37	1933263	3	WASHER, Plain
38	1960353	2	WASHER, Flat
39	1960518	1	NUT, Push On
40	1960545	1	CAPSCREW, Hex Hd., 7/16-14 x 3-1/4



All Models

44" & 50" Mower - Clutch & Support

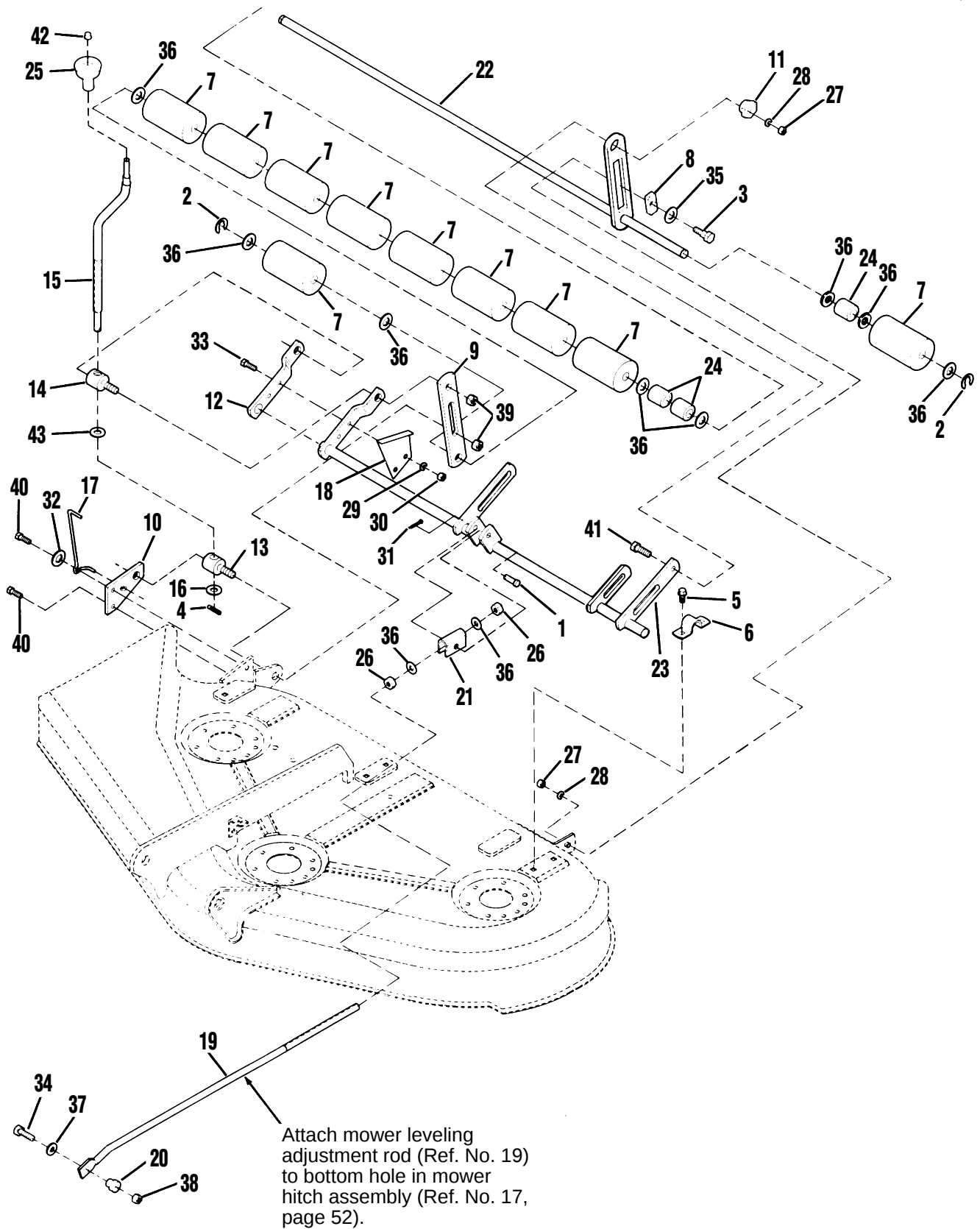
REF. NO.	PART NO.	QTY.	DESCRIPTION
1	106681	1	SPRING
2	157081	2	SPACER
3	167031	1	V-BELT, Deck Drive (44")
4	912808	2	GREASE FITTING
5	1601672	1	V-BELT, Mower Drive (44")
6	1656936	1	SPRING
7	1665835	1	GRIP, Lever
8	1666294	2	SPACER
9	1674669	2	SPACER
10	1676148	4	BUSHING
11	1677135	1	IDLER, Stop
12	1685150	2	PULLEY ASSY.
13	1703836	1	V-BELT, Deck Drive (50")
14	1704129	1	ROD, Latch
15	1704658	1	LEVER ASSY, Idler (Incl. Qty 2, Ref. No. 10)
16	1704659	1	LEVER ASSY., Idler Arm (Incl. Qty 2, Ref. No. 10)
17	1707432	1	HITCH ASSY.
18	1707740	1	V-BELT, Mower Drive (50")
19	1715435	1	SPRING
20	1916950	3	NUT, Hex, 3/8-16
21	1916965	3	LOCKWASHER, 3/8
22	1919439	2	NUT, Hex, Lock, 3/8-16
23	1921969	2	CAPSCREW, Hex Hd., 3/8-16 x 1-1/2
24	1923938	1	CAPSCREW, Hex Hd., 3/8-16 x 3-1/2
25	1924356	2	WASHER
26	1924940	15	WASHER, 5/16
27	1931352	1	CARRIAGE BOLT, 3/8-16 x 1-1/2
28	1931353	2	CARRIAGE BOLT, 3/8-16 x 1-3/4
29	1960093	2	NUT, Push On



All Models

44" Mower - Height Adjustment & Roller

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	118053	1	PIN, Clevis
2	153124	2	RING, Retaining
3	172622	1	BOLT, Shoulder, 3/8-16
4	916001	1	PIN, Roll, 1" Long
5	1602946	4	SPACER
6	1664847	6	SCREW, Hex Taptite, 5/16 x 3/4
7	1665374	3	STRAP, Mower Arm Assy.
8	1668513	9	ROLLER
9	1677507	1	SLIDE
10	1685443	1	SHAFT ASSY., Roller, 44" (Incl. Ref. Nos. 2 & 5)
11	1704074	1	BAR, Roller
12	1704080	1	PLATE, Mower Support
13	1704081	1	TRUNNION
14	1704082	1	NUT, Adjuster
15	1704083	1	ARM, Rear, Mower, RH
16	1704086	1	TRUNNION
17	1704087	1	TRUNNION, Threaded
18	1704093	1	ROD, Adjustment
19	1704094	1	CRANK, Cutting Height
20	1704097	1	WASHER, Detent
21	1704114	1	INDICATOR, Cutting Height
22	1704116	1	BRACKET, Cutting Height
23	1706644	2	SPACER
24	1707237	1	ARM ASSY., Mower
25	1714084	1	KNOB, Height Crank
26	1913744	2	NUT, Hex, Jam, 1/2-13
27	1916950	2	NUT, Hex Hd., 3/8-16
28	1916965	2	LOCKWASHER
29	1917356	2	LOCKWASHER, 5/16
30	1917372	2	NUT, Hex, 5/16-18
31	1918452	1	COTTER PIN
32	1919381	1	WASHER, Flat, 5/16
33	1921977	2	CAPSCREW, Hex Hd., 5/16-18 x 1-1/4
34	1922606	1	CAPSCREW, Hex Hd., Truss, 3/8-16 x 1-3/4
35	1924361	1	WASHER, Plain, 1/2
36	1924366	14	WASHER, Plain, 41/64 x 1-1/4
37	1924940	1	WASHER, Plain
38	1928352	1	NUT, Hex, Whizlock, 3/8-16
39	1930644	2	NUT, Hex, Flange Lock, 1/2-13
40	1931202	2	SCREW, Hex, Washer, Taptite, 5/16-18 x 1-1/4
41	1931352	1	CARRIAGE BOLT, 3/8-16 x 1-1/2
42	1960093	1	PAL NUT
43	1960170	3	WASHER, 33/64



All Models**50" Mower - Height Adjustment & Roller**

REF. NO.	PART NO.	QTY.	DESCRIPTION
1	118053	1	PIN, Clevis
2	153124	2	RING, Retaining
3	172622	1	BOLT, Shoulder, 3/8-16
4	916001	1	PIN, Roll, 1" Long
5	1664847	6	SCREW, Hex, Taptite, 5/16 x 3/4
6	1665374	3	STRAP, Mower Arm Assy.
7	1668513	10	ROLLER
8	1677507	1	SLIDE
9	1704074	1	BAR, Roller
10	1704080	1	PLATE, Mower Support
11	1704082	1	NUT, Adjuster
12	1704083	1	ARM, Rear, Mower, RH
13	1704086	1	TRUNNION
14	1704087	1	TRUNNION, Threaded
15	1704094	1	CRANK, Cutting Height
16	1704097	1	WASHER, Detent
17	1704114	1	INDICATOR, Cutting Height
18	1704116	1	BRACKET, Cutting Height
19	1706443	1	ROD, Adjustment
20	1706644	1	SPACER
21	1706645	1	TRUNNION
22	1709172	1	SHAFT ASSY., Roller, 50"
23	1709174	1	ARM ASSY., Mower
24	1709195	3	SPACER
25	1714084	1	KNOB, Height Crank
26	1915726	2	NUT, Hex, Jam, 1/2-13
27	1916950	2	NUT, Hex Hd., 3/8-16
28	1916965	2	LOCKWASHER
29	1917356	2	LOCKWASHER, 5/16
30	1917372	2	NUT, Hex, 5/16-18
31	1918452	1	COTTER PIN
32	1919381	1	WASHER, Flat, 5/16
33	1921977	2	CAPSCREW, Hex, 5/16-18 x 1-1/4
34	1922606	1	CAPSCREW, Hex, 3/8-16 x 1-3/4
35	1924361	1	WASHER, Plain, 1/2
36	1924366	10	WASHER
37	1924940	1	WASHER, Plain
38	1928352	1	NUT, Hex, Whizlock, 3/8-16
39	1930644	2	NUT, Hex, Flange Lock, 1/2-13
40	1931202	2	SCREW, Hex, Washer, Taptite, 5/16-18 x 1-1/4
41	1931352	1	CARRIAGE BOLT, 3/8-16 x 1-1/2
42	1960093	1	PAL NUT
43	1960170	1	WASHER

Hardware Identification & Torque Specifications

Common Hardware Types

Hex Head Capscrew



Washer



Lockwasher

Carriage Bolt



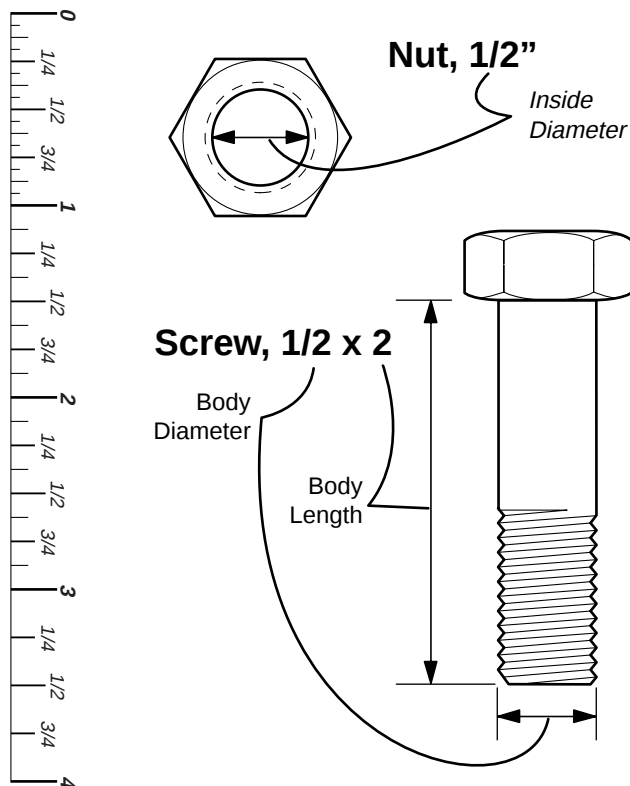
Hex Nut

Standard Hardware Sizing

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

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

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



Torque Specification Chart

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

Hardware Grade	No Marks					
	SAE Grade 2		SAE Grade 5		SAE Grade 8	
Size Of Hardware	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.
8-32	19	2.1	30	3.4	41	4.6
8-36	20	2.3	31	3.5	43	4.9
10-24	27	3.1	43	4.9	60	6.8
10-32	31	3.5	49	5.5	68	7.7
1/4-20	66	7.6	8	10.9	12	16.3
1/4-28	76	8.6	10	13.6	14	19.0
5/16-18	11	15.0	17	23.1	25	34.0
5/16-24	12	16.3	19	25.8	27	34.0
3/8-16	20	27.2	30	40.8	45	61.2
3/8-24	23	31.3	35	47.6	50	68.0
7/16-14	30	40.8	50	68.0	70	95.2
7/16-20	35	47.6	55	74.8	80	108.8
1/2-13	50	68.0	75	102.0	110	149.6
1/2-20	55	74.8	90	122.4	120	163.2
9/16-12	65	88.4	110	149.6	150	204.0
9/16-18	75	102.0	120	163.2	170	231.2
5/8-11	90	122.4	150	204.0	220	299.2
5/8-18	100	136	180	244.8	240	326.4
3/4-10	160	217.6	260	353.6	386	525.0
3/4-16	180	244.8	300	408.0	420	571.2
7/8-9	140	190.4	400	544.0	600	816.0
7/8-14	155	210.8	440	598.4	660	897.6
1-8	220	299.2	580	788.8	900	1,244.0
1-12	240	326.4	640	870.4	1,000	1,360.0

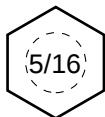
NOTES

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

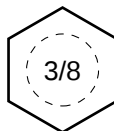
Wrench & Fastener Size Guide



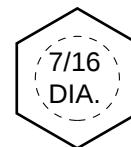
1/4" Bolt or Nut
Wrench—7/16"



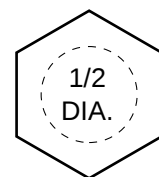
5/16" Bolt or Nut
Wrench—1/2"



3/8" Bolt or Nut
Wrench—9/16"



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



1/2" Bolt or Nut
Wrench—3/4"