

Parts Manual

Mfg. No: 1691684
42" Mower Deck

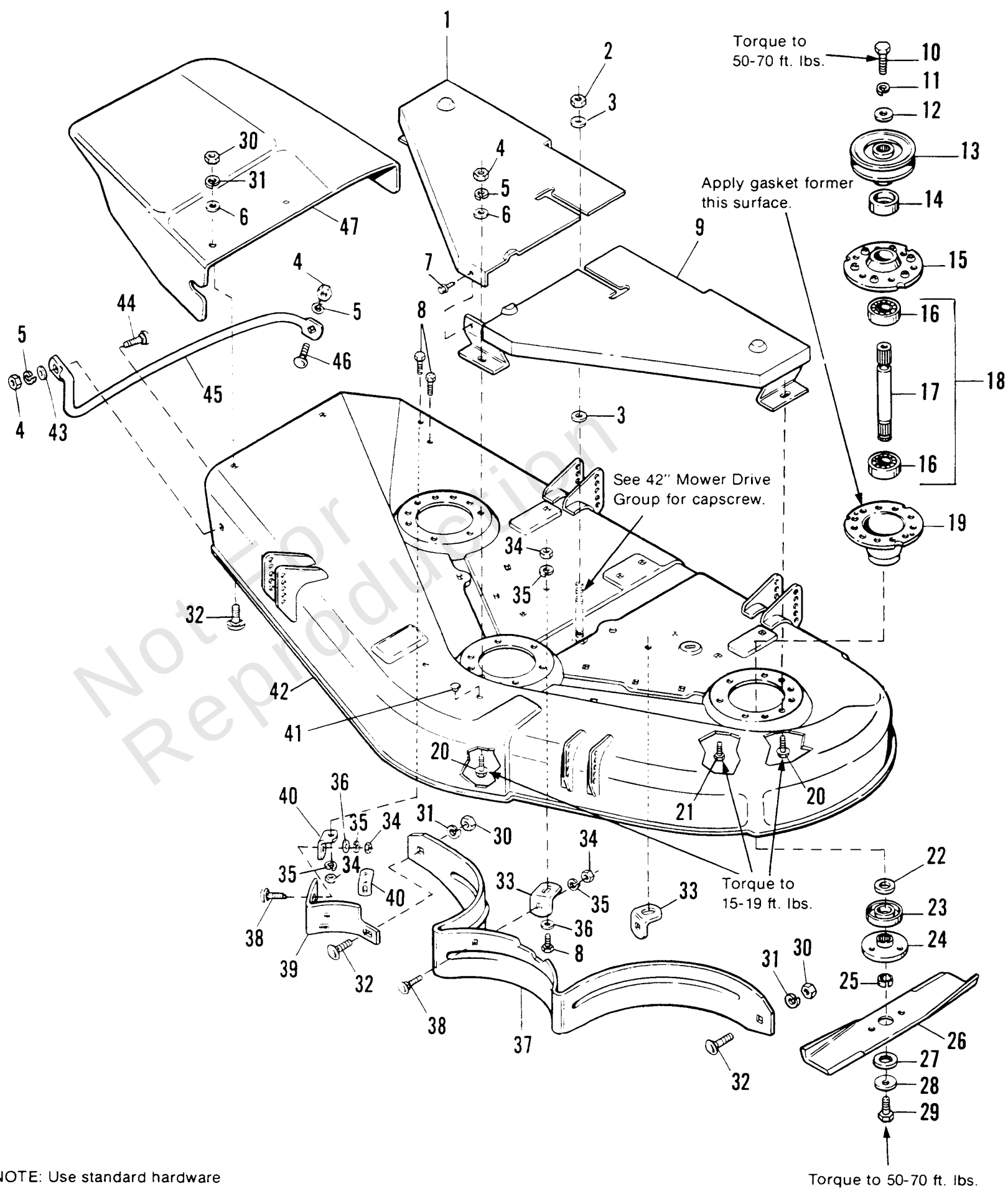
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Not For
Reproduction

42" Mower Deck & Arbor Group

Note: Unless noted otherwise, use the standard torque specifications

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

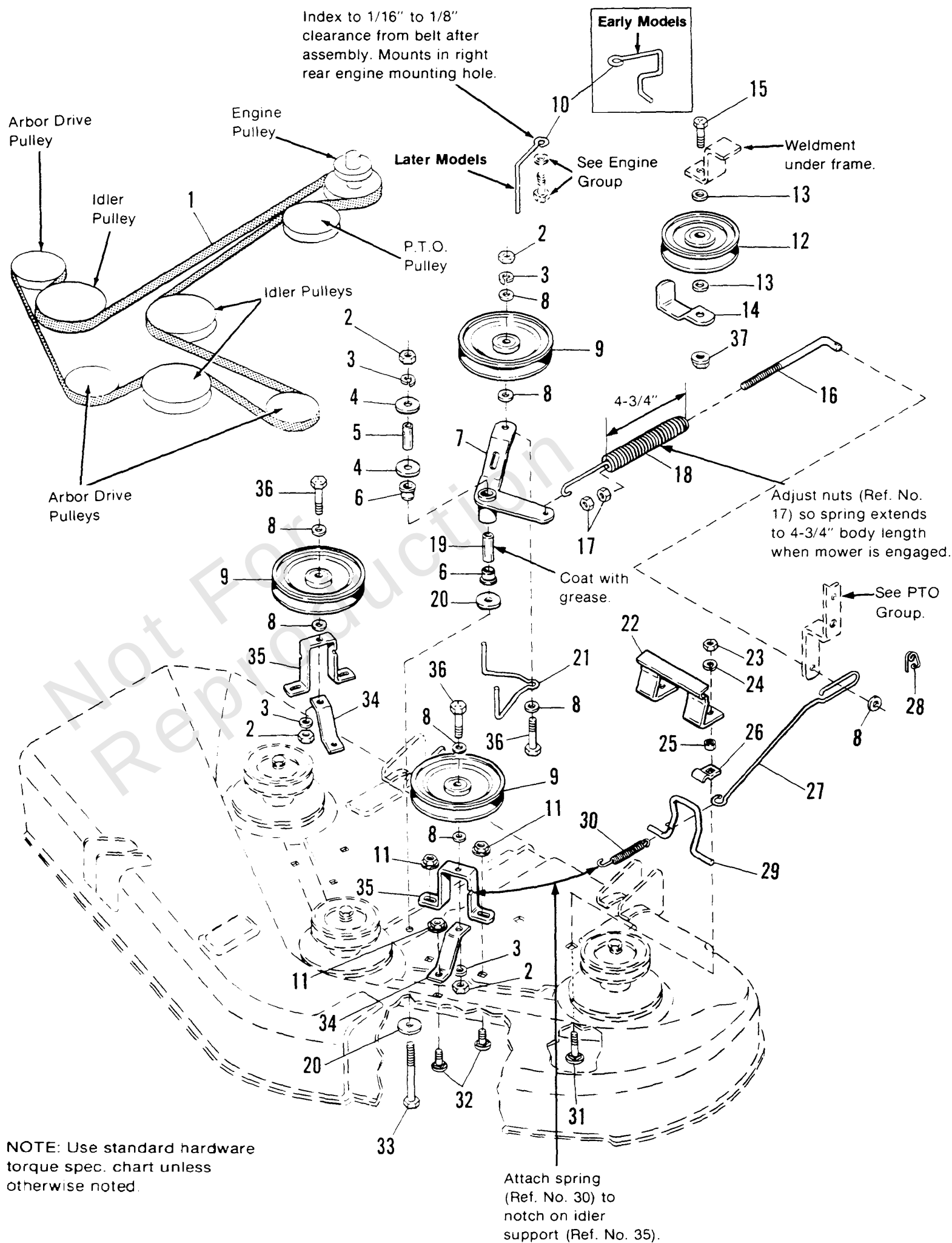
42" Mower Deck & Arbor Group

REF NO	PART NO	QTY	DESCRIPTION
1	1678294	1	COVER ASSY., Belt, R.H.
2	1917421SM	1	NUT, Hex, Jam, 3/8-16
3	1922611SM	2	WASHER
4	1917372SM	5	NUT, 5/16-18
5	1917356SM	5	LOCKWASHER, 5/16
6	1924940SM	5	WASHER, 3/8
7	1929000SM	1	SCREW, Taptite, 1/4-20 x 3/8
8	1924009SM	4	CAPSCREW, Hex, 1/4-20 x 7/8
9	1678295	1	COVER ASSY, Belt, L.H.
10	1936723SM	3	CAPSCREW, Hex, 7/16-14 x 1-3/4
11	1918199SM	3	LOCKWASHER, 7/16
12	1933263SM	3	WASHER, 7/16
13	1678271A	3	PULLEY ASSY., Arbor
14	1657969SM	3	SHIELD, Bearing Upper, Arbor
15	1655729ASM	3	HOUSING-ARBOR TOP - B
16	2108202SM	6	BEARING, BALL
17	1685245SM	3	SHAFT, Arbor (Incl. Ref. No. 25)
18	1685251SM	3	SHAFT & BEARING ASSY. (Incl Ref. Nos. 16 & 25)
19	1655728A	3	HOUSING, Bottom (Arbor)
20	1960373SM	3	SCREW, Taptite, 5/16-18 x 1
21	1664847SM	15	SCREW, Taptite, 5/16-18 x 3/4
22	1700230SM	3	WASHER, Shim
23	1700229SM	3	SHIELD, Grass
24	1655777SM	3	ADAPTOR, Blade
25	1672132SM	3	COLLAR, Mower Arbor
26	1656147ASM	3	BLADE
27	1656927SM	3	WASHER, Spline
28	1656916SM	3	WASHER, SPRING 0.475I
29	2823471SM	3	CAPSCREW, Hex, 7/16-14 x 1
30	1916950SM	4	NUT, 3/8-16
31	1916965SM	4	LOCKWASHER, 3/8
32	1931348SM	4	BOLT, Carriage 3/8-16 x 3/4
33	1608331SM	2	CLIP, Baffle
34	1916622SM	8	NUT, 1/4-20
35	1916964SM	8	LOCKWASHER
36	1921319SM	4	WASHER, 1/4
37	1608135SM	1	BAFFLE
38	1960252SM	4	BOLT-RD HD SH SQ NK 1
39	1665709ASM	1	BAFFLE, Discharge
40	2108186SM	2	CLIP, Baffle
41	1700841	2	PLUG, Plastic
42	1685307SM	1	HOUSING ASSY., 42" Mower
43	1919381SM	1	WASHER, 5/16
44	1931335SM	1	BOLT, Carriage, Short Neck, 5/16-18 x 1
45	1665562SM	1	GUARD, Mower Discharge
46	1931333SM	1	CARRIAGE BOLT, 5/16-18 x 3/4
47	1656049ASM	1	DEFLECTOR

42" Mower Drive Group

Note: Unless noted otherwise, use the standard torque specifications

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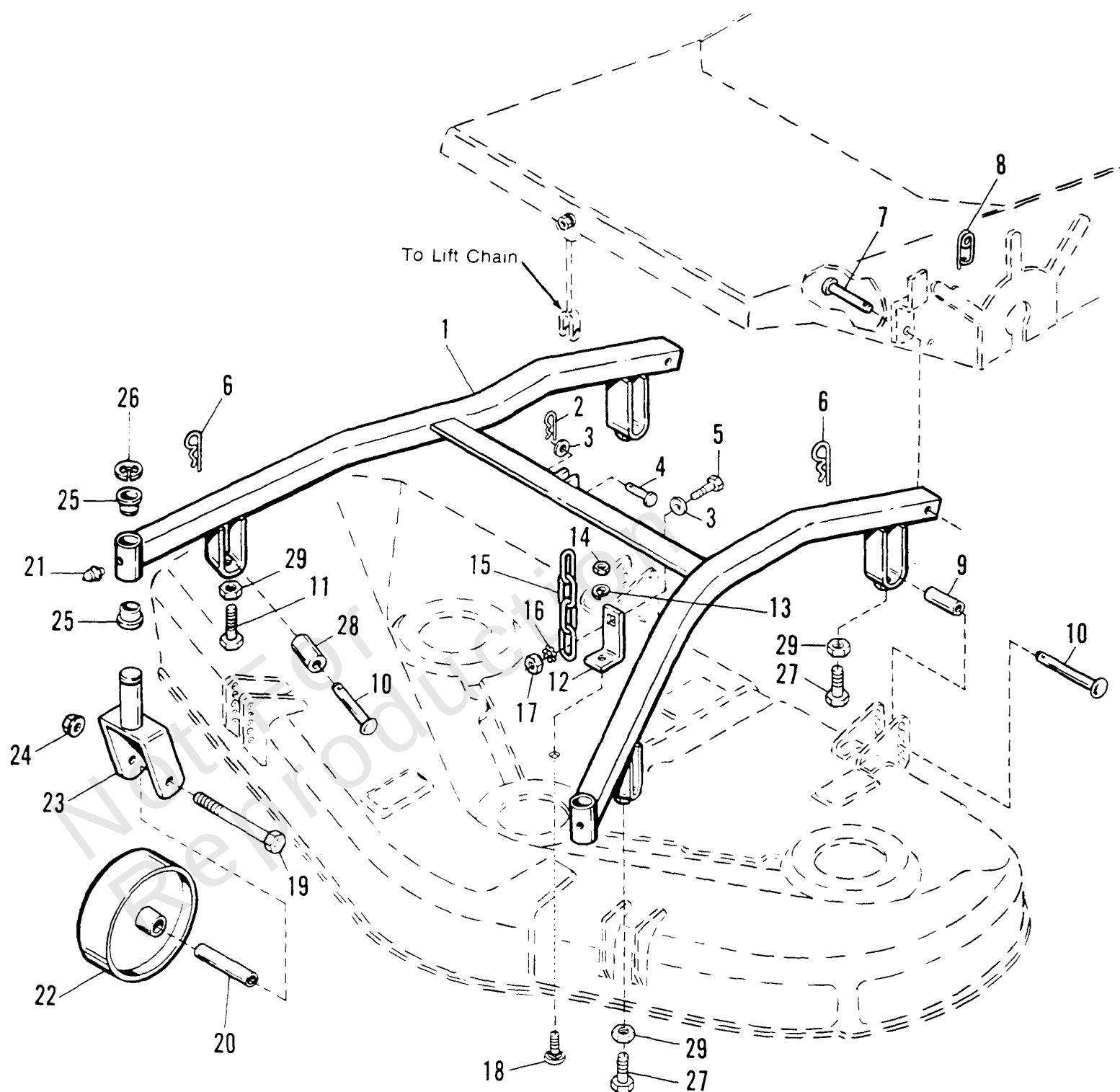
42" Mower Drive Group

REF NO	PART NO	QTY	DESCRIPTION
1	1678241SM	1	BELT
2	1916950SM	5	NUT, Hex, 3/8-16
3	1916965SM	5	LOCKWASHER
4	1922611SM	2	WASHER
5	1676088A	1	SPACER
6	1663114SM	2	BUSHING
7	1678238	1	ARM ASSY., Clutch
8	1919326SM	8	WASHER, 5/16
9	2171247SM	3	PULLEY, Idler
10	1685338SM	1	STOP, Belt (Early Models)
10	1701921	1	STOP, Belt (Later Models)
11	1927557SM	6	NUT, Flange Whizlock, 5/16-18
12	1685150SM	1	PULLEY ASSY., P.T.O.
13	1922755SM	3	WASHER, 3/8
14	1679486SM	1	GUIDE, Belt
15	1921969SM	1	CAPSCREW, 3/8-16 x 1-1/2
16	1678236SM	1	ROD, PTO
17	1920161SM	2	NUT-HEX JAM 5/16-18
18	1678237SM	1	SPRING, PTO Rod
19	1657242SM	1	SPACER
20	1924356SM	2	WASHER
21	1678405	1	STOP, Belt
22	1700178	1	BRACKET, Brake
23	1917372SM	2	NUT, Hex, 5/16-18
24	1917356SM	2	LOCKWASHER, 5/16
25	1666294SM	2	SPACER
26	1664004SM	2	CLIP
27	1678353SM	1	ROD, Brake
28	1918196SM	1	PIN, Spring
29	1700129	1	ROD, Brake
30	1700869SM	1	SPRING
31	1960223SM	2	BOLT-RD HD SH SQ NK 5
32	1931333SM	6	CARRIAGE BOLT, 5/16-18 x 3/4
33	1960246SM	1	CAPSCREW, Hex, 3/8-16 x 4-1/2
34	1678412SM	2	BRACE
35	1678240SM	2	SUPPORT, Idler
36	1921971SM	3	CAPSCREW, Hex, 3/8-16 x 1-3/4
37	1903645	1	NUT, Hex Flange, 3/8-16

42" Mower Support Group

Note: Unless noted otherwise, use the standard torque specifications

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

42" Mower Support Group

REF NO	PART NO	QTY	DESCRIPTION
1	1678247	1	ARM ASSY.
2	1960221SM	1	PIN, Quick
3	1921319SM	2	WASHER, 1/4
4	1960296SM	1	PIN, Lift Cable
5	1923341SM	1	CAPSCREW, Hex, 1/4-20 x 3/4
6	1918196SM	4	PIN, Quick
7	2105249SM	2	PIN, Hitch
8	2176012SM	2	PIN, Safety
9	1678291	2	SPACER, Rear
10	1678434SM	4	PIN
11	1929116	1	CAPSCREW, Hex, 3/8-16 x 2
12	1678339	1	BRACKET, Lift
13	1917356SM	1	LOCKWASHER, 5/16
14	1917372SM	1	NUT, Hex, 5/16-18
15	1678337SM	1	CHAIN, Lift
16	1921880SM	1	LOCKWASHER-EXTERNALTO
17	1916622SM	1	NUT, Hex, 1/4-20
18	1931333SM	1	CARRIAGE BOLT, 5/16-18 x 3/4
19	1960286SM	2	CAPSCREW, Hex, 1/2-13 x 3-1/2
20	1678304SM	2	SPACER, Wheel
21	2821133SM	2	FITTING, Lube, 1/4
22	1702483SM	2	WHEEL
23	1685389SM	2	YOKE ASSY., Wheel
24	1930644SM	2	NUT-HEX FLANGE 1/2-1
25	2176440SM	4	BUSHING-0.765IDX
26	2827794SM	2	KLIPRING, .75 Dia Shaft
27	1921974SM	3	CAPSCREW, Hex, 3/8-16 x 1-1/2
28	1678292SM	2	SPACER, Front
29	1917421SM	4	NUT, Hex Jam, 3/8-16

Hardware Identification & Torque Specifications

Torque Specification Chart								
FOR STANDARD METRIC MACHINE HARDWARE (Tolerance ± 20%)								
Property Class	 Class 5.6		 Class 8.8		 Class 10.9		 Class 12.9	
Size Of Hardware	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.
M3	5.88	.56	13.44	1.28	19.2	1.80	22.92	2.15
M4	13.44	1.28	30.72	2.90	43.44	4.10	52.56	4.95
M5	26.4	2.50	60.96	5.75	5.97	8.10	7.15	9.7
M6	44.64	4.3	7.3	9.9	10.3	14	12.1	16.5
M7	5.2	7.1	12.1	16.5	16.9	23	19.9	27
M8	7.7	10.5	17.7	24	25	34	29	40
M10	15	21	35	48	50	67	59	81
M12	26	36	61	83	86.2	117	103	140
M14	42	58	101	132	136	185	162	220
M16	64	88	147	200	210	285	250	340
M18	89	121	202	275	287	390	346	470
M20	126	171	290	390	405	550	486	660
M22	169	230	390	530	559	745	656	890
M24	217	295	497	375	708	960	840	1140
M27	320	435	733	995	1032	1400	1239	1680
M30	435	590	995	1350	1401	1900	1681	2280
M33	590	800	1349	1830	1902	2580	2278	3090
M36	759	1030	1740	2360	2441	3310	2935	3980
M39	988	1340	2249	3050	3163	4290	3798	5150

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



Standard Hardware Sizing

When a washer or nut is identified as 1/2" (M8), this is the *Nominal size*, meaning the *inside diameter* is 1/2 inch (8mm metric thread diameter); if a second number is present it represents the *threads per inch* (distance between threads).

When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw, 2 inches (50mm).

Torque Specification Chart						
FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%)						
Hardware Grade	 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	29	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.

Common Hardware Types



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"
M6 Bolt or Nut Wrench—10mm	M8 Bolt or Nut Wrench—13mm	M10 Bolt or Nut Wrench—17mm	M12 Bolt or Nut Wrench—19mm	M14 Bolt or Nut Wrench—22mm

