



Parts Manual

Mfg. No: 39711x97A
Lawn Tractor (1998)

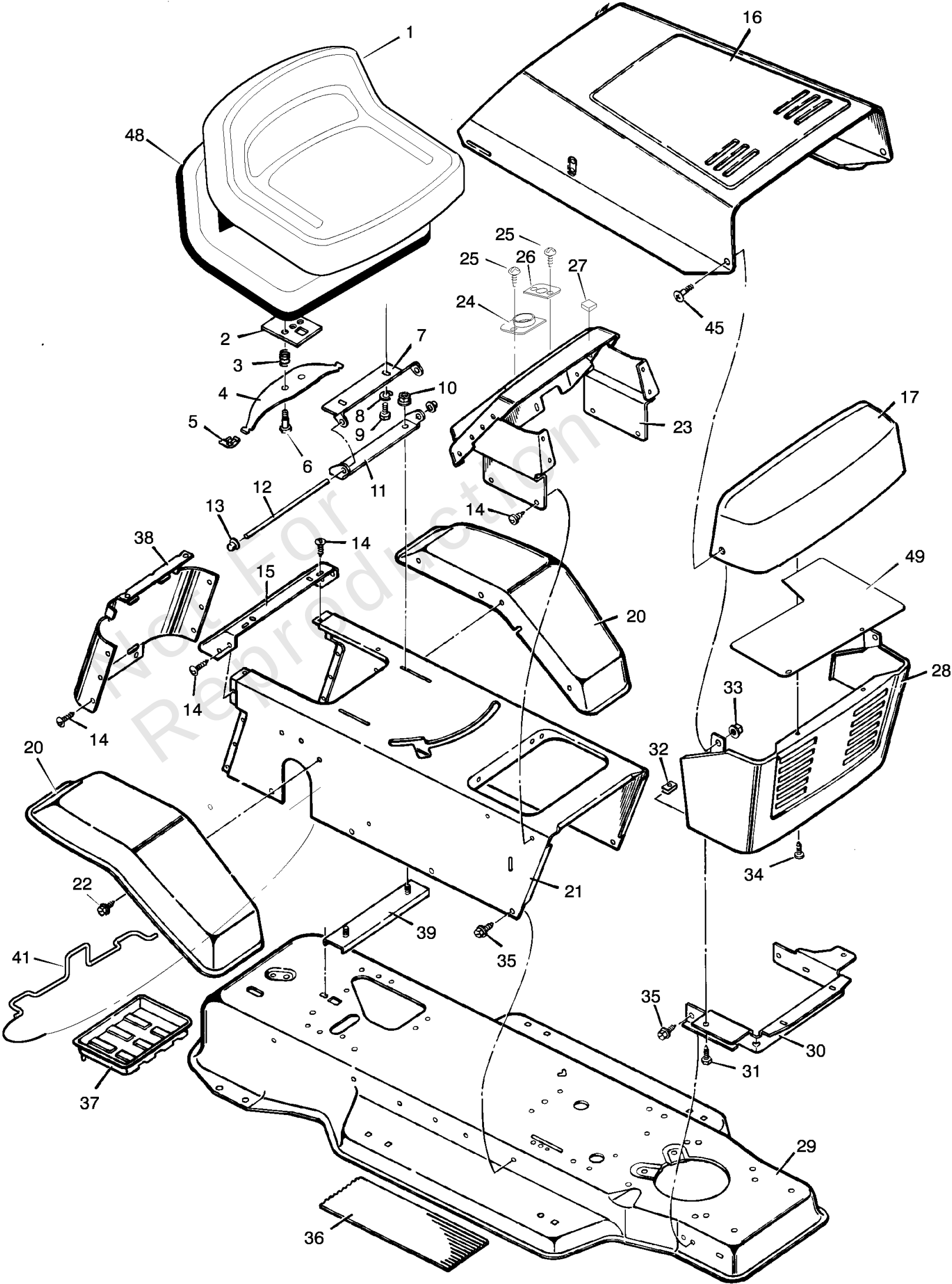
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Not For
Reproduction

Chassis & Hood

Note: Unless noted otherwise, use the standard torque specifications

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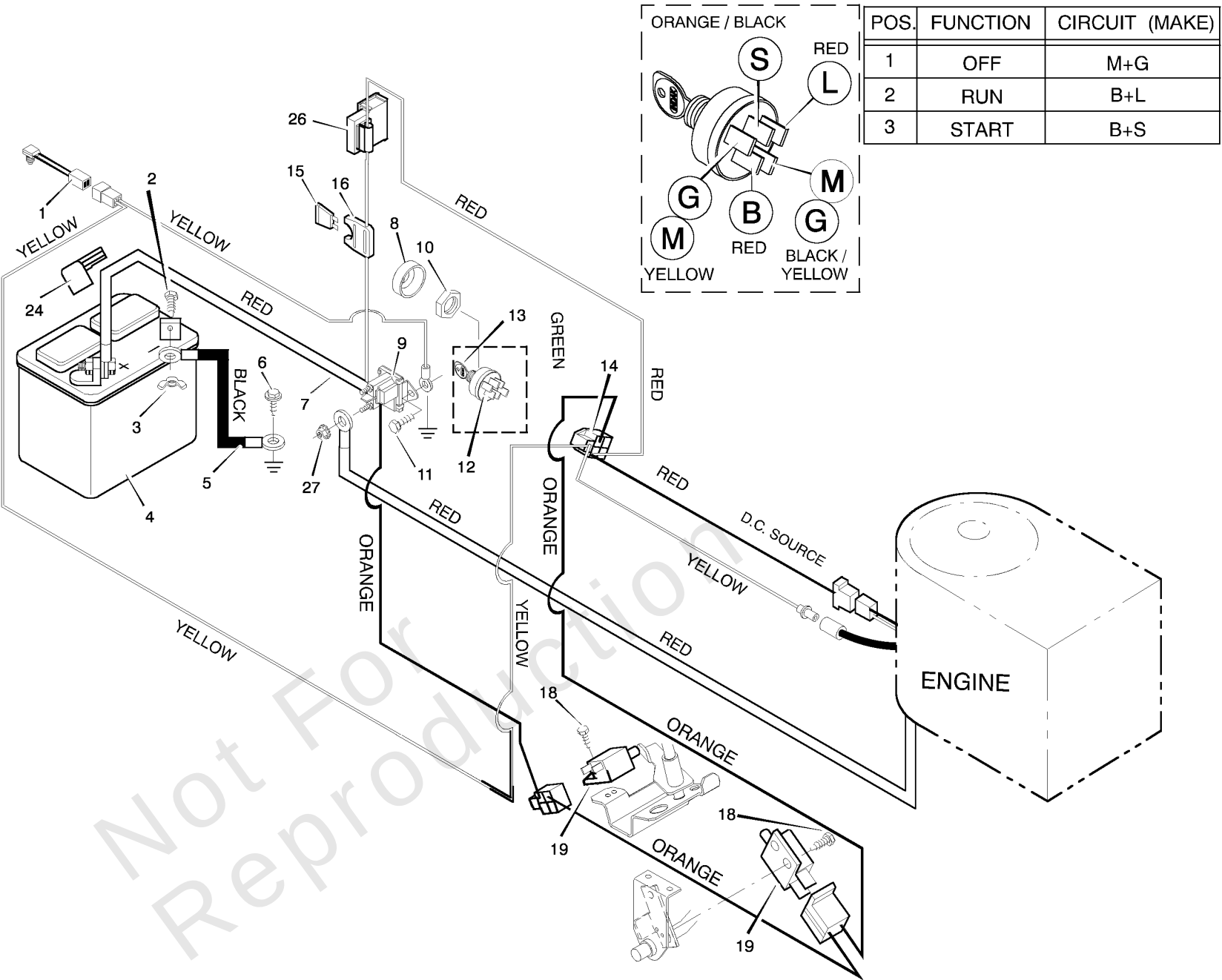
Chassis & Hood

REF NO	PART NO	QTY	DESCRIPTION
1	092387MA		Seat
2	091963 Z		Plate Assembly, Switch
3	164X26MA		Spring, Compression
4	091964MA		Spring, Seat
5	091822MA		Glide, Spring
6	009X38MA		Bolt, Shoulder
7	092334E700		Support, Seat
8	018X16MA		Lockwasher
9	001X45MA		Bolt, Hex
10	015X88MA		Locknut, Flange
11	091729E701		Bracket, Pivot
12	091730 Z		Rod, Pivot
13	028X23MA		Cap, Push On
14	26X270		Screw, Tap
15	91724E245		Fender, Apron -(Included with Ref. No. 21)
16	091852E245		Hood
17	094112		Grille, Upper
20	91715E245		Fender
21	092727E245		Console Assembly
22	26X263MA		SCREW.25-20 S-T
23	93174E245		Dash Panel
24	093135MA		Bearing, Steering
25	26X238MA		Screw
26	093155		Bearing
27	092444		Bumper
28	091722F200		Grill, Lower
29	092815E245		Frame Assembly
30	091723E700		Support, Grill
31	26X252MA		Screw
32	028X57		U-Nut
33	015X84MA		Locknut, Flange
34	0193X1MA		Fastener, Plastic
35	26X249MA		Screw
36	094107		Mat
37	091895MA		Tray, Battery
38	092443E700		Cap, Console -(Included with Ref. No. 21)
39	091857E701		Channel Assembly
41	92725E700		Clamp, Battery
45	009X58MA		Bolt, Shoulder
48	092357		Pan, Seat (with foam)
49	094334		Shield, Heat
--	F-98805		Instruction Book
--	44X7899		Decal, Hood
--	44X6815MA		Decal, Top Console -Warning
--	44X1459		Decal, Shift Pattern

Electrical System

Note: Unless noted otherwise, use the standard torque specifications

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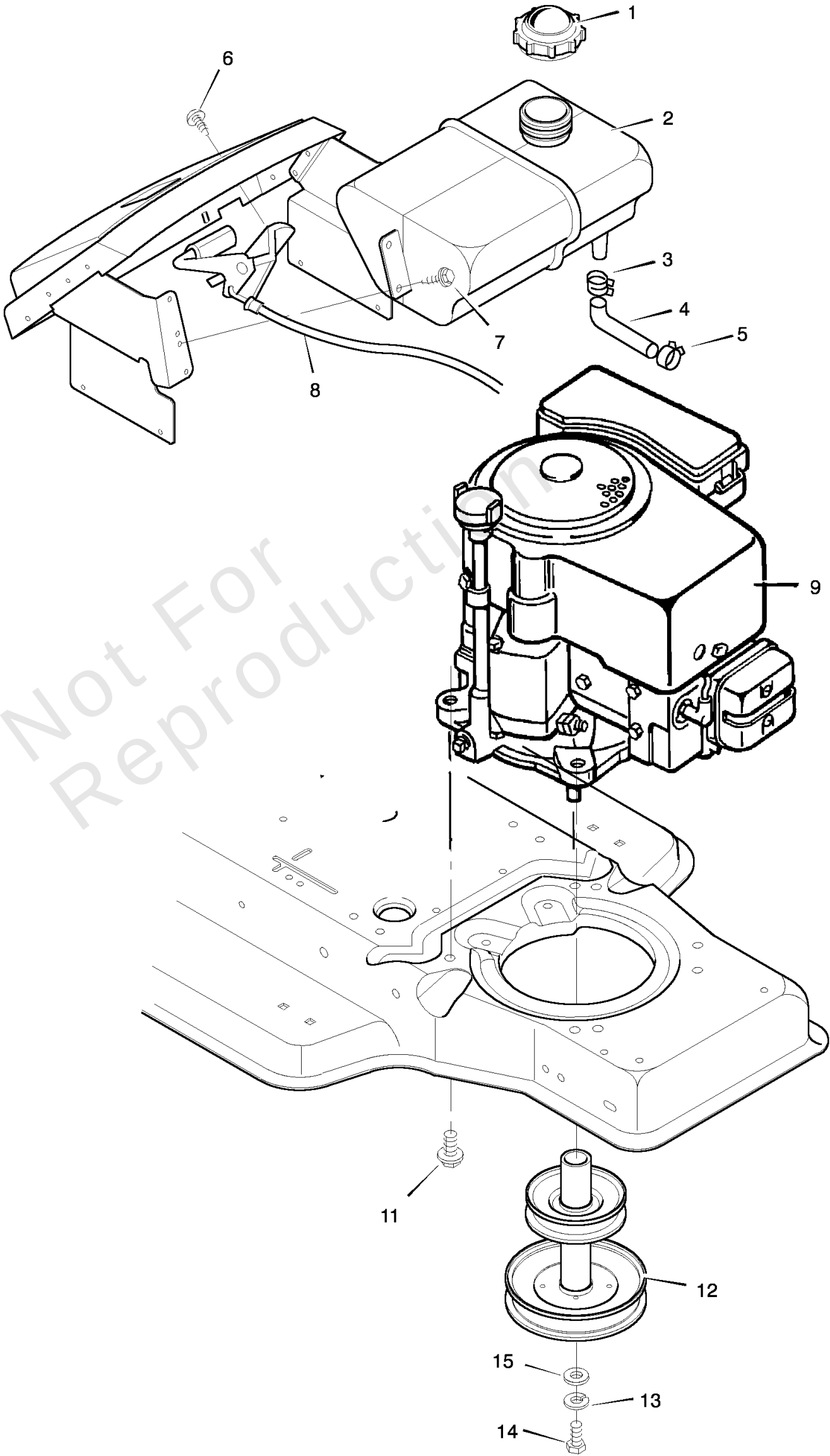
Electrical System

REF NO	PART NO	QTY	DESCRIPTION
1	091031		Switch, Seat Sensor
2	002X82MA		Bolt
3	014X79MA		Wingnut
4	091414		Battery
5	024X30		Cable, Battery Ground
6	26X249MA		Screw
7	024X29MA		Cable, Red Battery
8	091488		Cap, Ignition
9	024285		Solenoid
10	091489MA		Nut
11	26X214MA		Screw
12	021064		Switch, Ignition
13	020729		Key, Ignition
14	250X88		Harness, Chassis Wire
15	054212		Fuse
16	407078MA		Holder, Fuse
18	26X233MA		Screw
19	024273MA		Switch, Clutch
24	054148MA		Cover, Terminal
26	-----		UNKNOWN
27	15X116MA		Locknut

Engine Mount

Note: Unless noted otherwise, use the standard torque specifications

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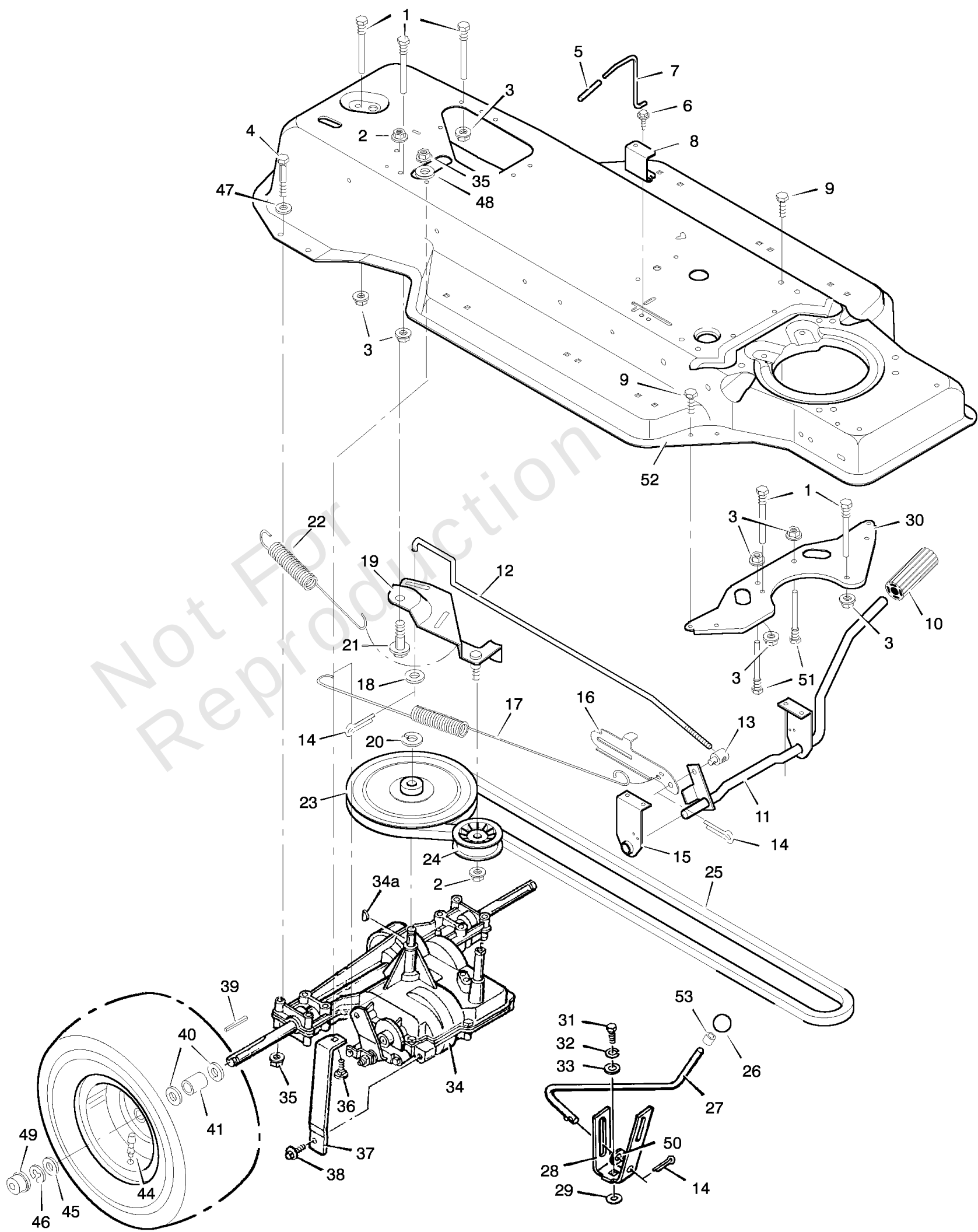


Engine Mount

REF NO	PART NO	QTY	DESCRIPTION
1	092317MA		FUEL CAP
2	091869		Fuel Tank
3	095197MA		Hose Clamp
4	023715		Fuel Line
5	095197MA		Hose Clamp
6	26X201MA		Screw
7	26X201MA		Screw
8	091983		Throttle Control
9	-----		Engine *
11	0025X7MA		Bolt, Engine Mount
12	092318 Z		Stack Pulley Assembly
13	019X35MA		Lockwasher
14	01X140MA		Bolt, Hex
15	17X170MA		WASHER.46.97.25 FLAT

Footnotes:

Note* Parts are available from an Authorized Service Center. See "Engines, Gasoline" or "Gasoline Engines" in the yellow pages of the telephone directory.



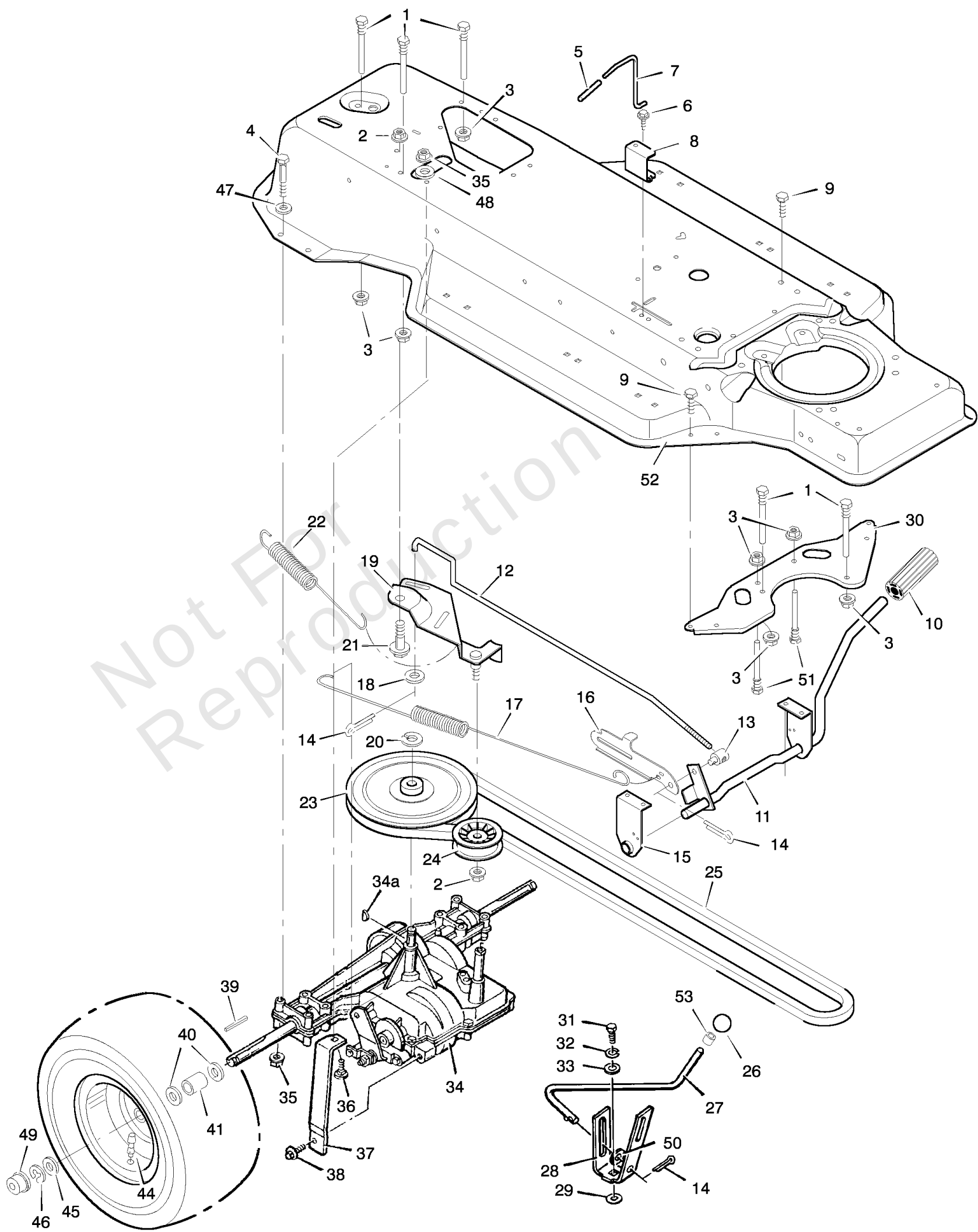
Motion Drive

REF NO	PART NO	QTY	DESCRIPTION
1	91754 Z		Guide, Belt
2	015X84MA		Locknut, Flange
3	15X792		Nut, Flange
4	01X124		Bolt, Hex
5	091079MA		Grip
6	26X214MA		Screw
7	91727E700		Rod, Control
8	91825E700		Guide, Bracket
9	26X249MA		Screw
10	021544MA		Clutch and Brake Pedal
11	091862E700		Lever Assembly
12	918082		Rod, Clutch
13	021920ZMA		Nut, Adjustable
14	030X20MA		Pin, Cotter
15	091713E701		Bracket, Support
16	917122		Latch, Park Brake
17	165X82MA		Spring, Brake Extension
18	017X47MA		Washer
19	092737 Z		Bracket Assembly, Idler
20	0011X7MA		Ring, Retainer
21	009X39MA		Bolt, Shoulder
22	165X76		Spring, Drive Extension
23	095094MA		Pulley, Motion Drive
24	091179MA		Pulley, Backside Idler
25	037X61MA		Belt, Motion Drive
26	091995		Knob, Shift Lever
27	091805 Z		Lever, Shift
28	091806 Z		Yoke, Shift
29	17X148MA		Washer
30	92694E700		Plate, Belt Guide
31	01X145MA		Bolt, Hex
32	018X32MA		Lockwasher
33	17X180MA		Washer
34	-----		Transaxle, Peerless **
34A	020697MA		Woodruff Key No. 9
35	015X88MA		Nut, Flange
36	002X64MA		Bolt, Carriage
37	091804E700		Support, Transaxle
38	26X216MA		Screw
39	021553MA		Key, Square
40	17X160MA		Washer
41	690553 Z		Spacer, Transaxle
42	091923MA		Tire *
--	407049MA		Tube
43	0 92288601		Wheel & Tire Assembly
44	024373MA		VALVE STM&CP,TR41 SE
45	17X195MA		Washer
46	0011X3MA		RING, E .750D .050T

Footnotes:

Note* When you order a tire, make sure to give the brand name of the tire so that the tread pattern on the tire will match.

Note** Contact your nearest Peerless transaxle dealer for parts and service.



Motion Drive

REF NO	PART NO	QTY	DESCRIPTION
47	017X37MA		Washer
48	017X45MA		WASHER,FLAT .33 1. 16
49	094618MA		HUB CAP
50	17X102MA		Washer
51	020619MA		Guide, Belt
52	092815E245		Frame Assembly
53	092008		Ring, Tolerance

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Footnotes:

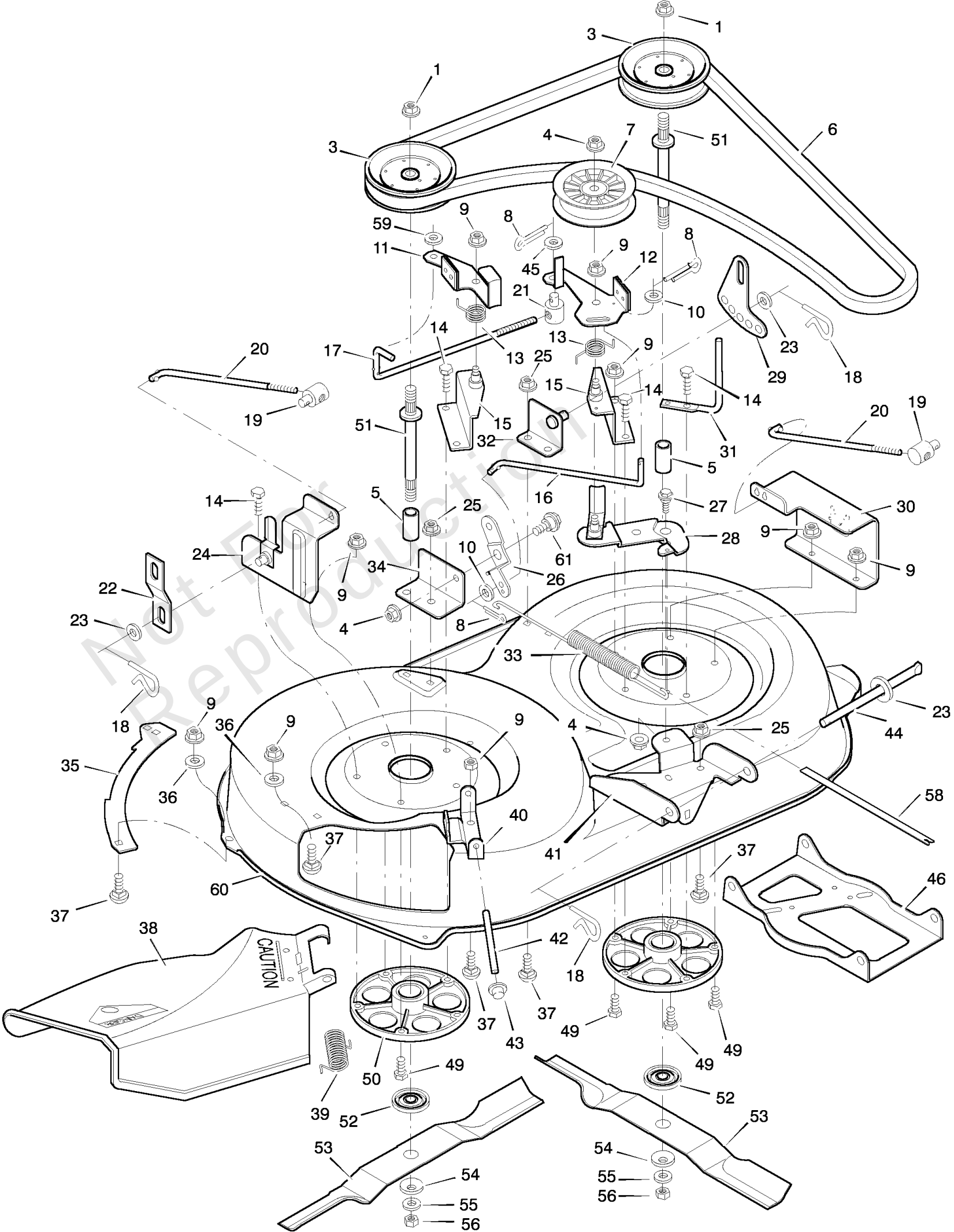
Note* When you order a tire, make sure to give the brand name of the tire so that the tread pattern on the tire will match.

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Mower Housing

Note: Unless noted otherwise, use the standard torque specifications

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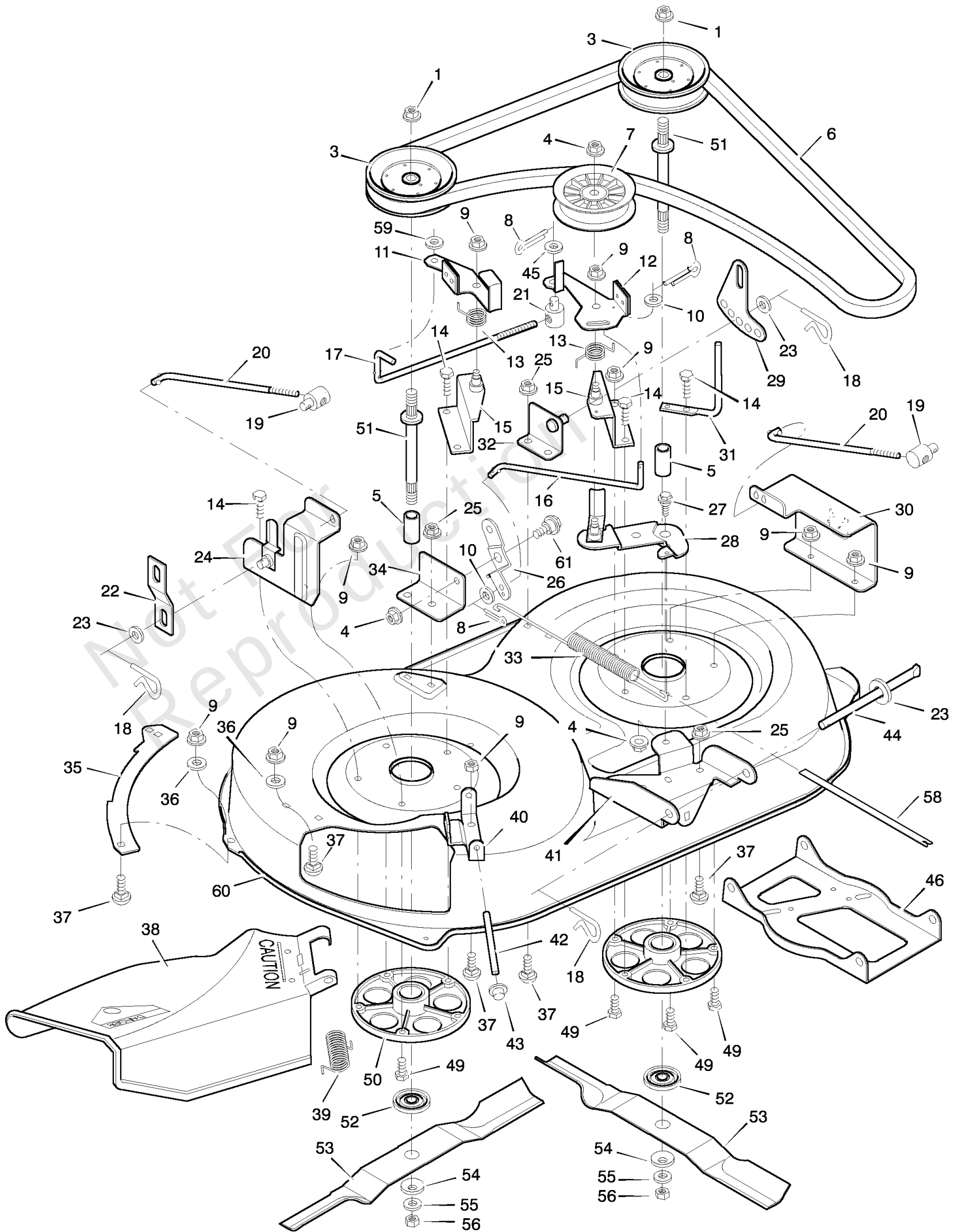
Mower Housing

REF NO	PART NO	QTY	DESCRIPTION
1	15X121		Nut, Hex
3	092852MA		Pulley, Jackshaft
3	092851MA		Pulley, Jackshaft
4	015X84MA		Locknut, Flange
5	092850		Spacer
6	037X63MA		Belt, Blade Drive
6	037X62MA		Belt, Blade Drive
7	091801		Pulley, Idler
8	030X20MA		Pin, Cotter
9	015X88MA		Locknut, Flange
10	017X46 Z		Washer
11	092183SEMA		Brake Assembly, Right
12	092183SEMA		Brake Assembly, Left
13	166X27MA		Spring, Torsion
14	0025X7MA		Bolt, Hex
15	092072SEMA		Bracket Assembly, Brake
16	091745 Z		Rod, Brake
17	092183SEMA		Rod, Cross Link
18	0031X4MA		Pin, Hair
19	092131		Nut, Adjustable
20	091748 Z		Rod, Adjuster
20	091872 Z		Rod, Adjuster
21	021920ZMA		Nut, Adjustable
22	092064E701MA		Link, Suspension
23	17X103MA		Washer
24	92485E700		Bracket Assembly, Right Lifter
24	092194E701MA		Bracket Assembly, Right Lifter
25	015X79MA		Nut, Flange
26	092033SEMA		Bracket, Pivot
27	009X39MA		Bolt, Shoulder
28	092032SEMA		Arm Assembly, Idler
29	91741E700		Plate, Adjuster
30	091792E700		Cover, Pulley
30	091792E700		Cover, Pulley
31	91797E700		Guide, Belt
32	91813E700		Bracket Assembly, Left Lifter
33	165X72MA		Spring, Extension
34	91743E700		Bracket, Pivot
35	091770E700MA		Plate
36	017X57MA		Washer
37	002X53MA		Bolt, Carriage
38	094707MA		Deflector Assembly, Chute
39	0166X4MA		Spring, Torsion
40	094956E701MA		BRACKET - HINGE
41	91793E700		Bracket, Front Hanger
41	091875E700		Bracket, Front Hanger
42	094957ZMA		ROD, Deflector
43	028X23MA		Cap, Push On
44	091739 Z		Rod, Hanger
45	17X124MA		Washer
46	092119SEMA		Hanger, Front

Mower Housing

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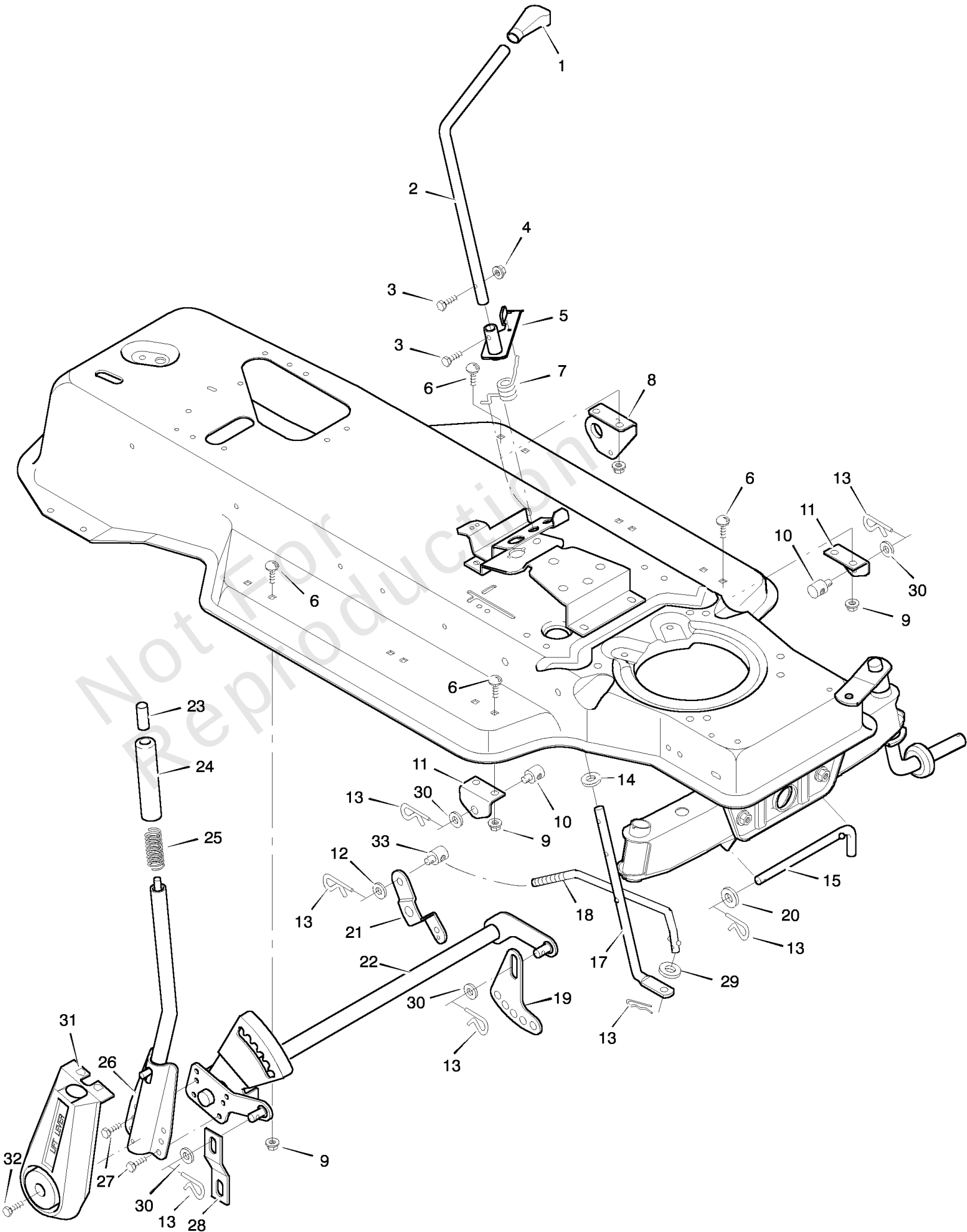
Mower Housing

REF NO	PART NO	QTY	DESCRIPTION
49	001X84MA		CAPSCREW, Hex Head, 5/16-18 x 1
50	090905		Housing, Jackshaft
51	092849MA		Jackshaft
52	092466MA		Adapter, Blade
53	091742E701MA		Blade, 38" (2 required)
53	094913E701MA		Blade, 38" (2 required)
53	095101E701MA		SINGLE BLADE
53	092002E701MA		Blade, 40" (2 required)
54	17X166MA		Washer, Belleville
55	17X165MA		Washer
56	15X100MA		Nut, Hex
58	092163MA		Indicator, Plastic
59	017X48MA		Washer
60	091906E701MA		Housing, Blade (38")
60	091907E701MA		Housing, Blade (40")
61	009X42MA		Bolt, Shoulder
--	403228MA		Complete Mower Housing Assembly -(Includes Ref. No's. 1-61)
--	403229MA		Complete Mower Housing Assembly -(Includes Ref. No's. 1-61)

Mower Housing Suspension

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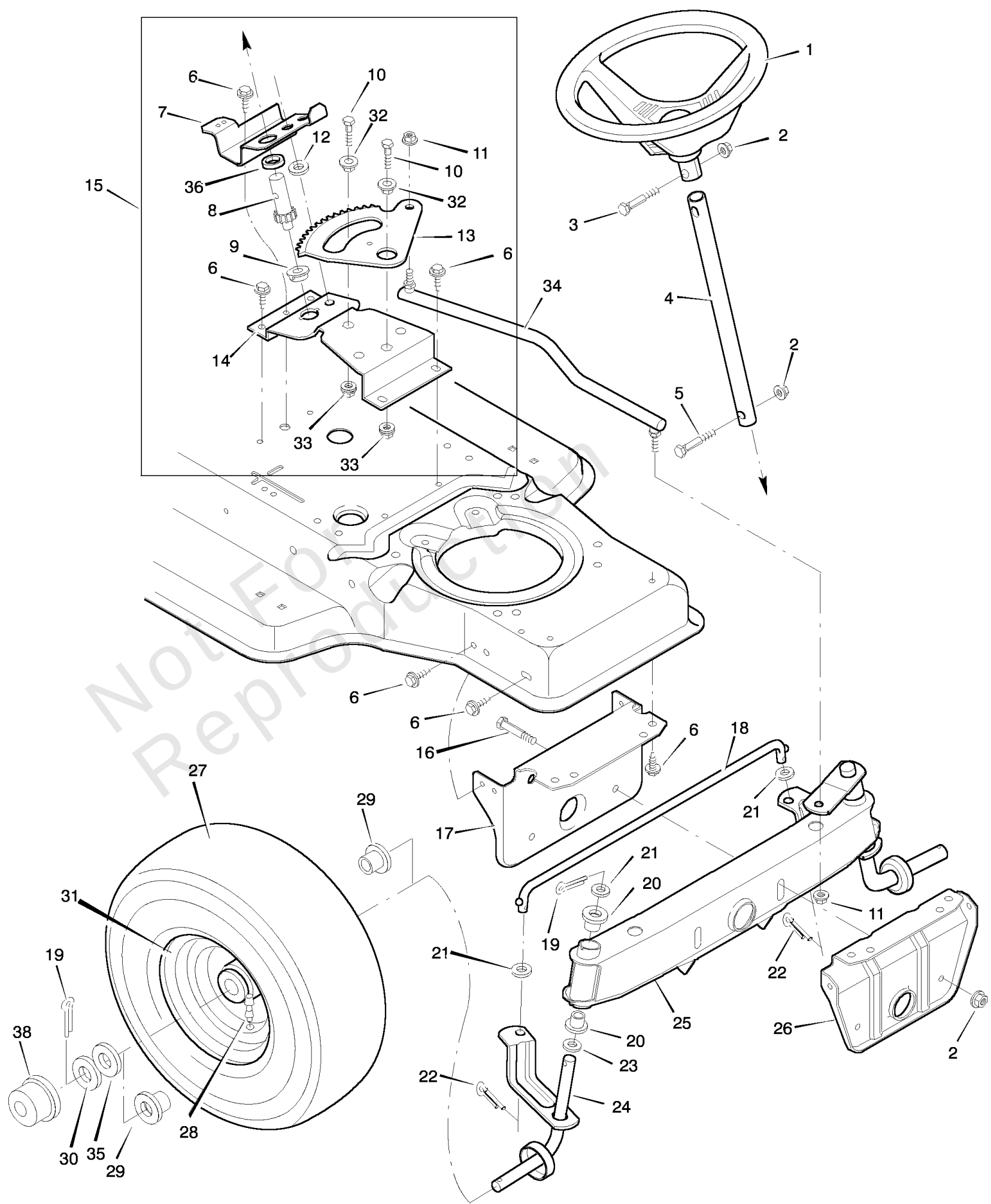
Mower Housing Suspension

REF NO	PART NO	QTY	DESCRIPTION
1	092698MA		Grip
2	091781 Z		Control, Blade Rotation
3	0025X3MA		Screw, Hex
4	015X67MA		Locknut, Hex
5	091917E701MA		Lever Assembly, Switch
6	002X53MA		Bolt, Carriage
7	166X32MA		Spring, Torsion
8	092066E701MA		Bracket, Rear Hanger
9	015X79MA		Nut, Flange
10	092131		Nut, Adjusting
10	092132MA		NUT, Adjusting, 1/2-13
11	092133SEMA		Bracket, Adjuster Rod
12	17X124MA		Washer
13	0031X4MA		Pin, Hair
14	17X122		Washer
15	090827 Z		Pin, Pull
17	091787E701MA		Lever, Lower Blade Control
18	091795 Z		Rod, Blade Control
19	91741E700		Plate, Adjuster
20	17X103MA		Washer
21	092033SEMA		Bracket, Pivot
22	092065E701MA		Lifter Assembly
23	092572MA		Button, Push
24	092783MA		Grip
25	164X21MA		Spring, Compression
26	091823SEMA		Handle Assembly
27	026X49MA		Screw
28	092064E701MA		Link, Suspension
29	17X472		Washer
30	017X91 Z		Washer
31	092157MA		Cover, Lift Lever -(Optional)
32	26X263MA		SCREW.25-20 S-T
33	021920ZMA		Nut, Adjusting

Steering

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Steering

REF NO	PART NO	QTY	DESCRIPTION
1	92076		Wheel, Steering
2	15X118MA		Nut, Hex
3	001X66MA		Bolt, Hex
4	091860 Z		Post, Steering
5	001X74MA		Bolt, Hex
6	26X249MA		Screw
7	091716E700		Bracket, Sector
8	092715MA		Gear, Pinion
9	092716MA		Bearing
10	001X84MA		CAPSCREW, Hex Head, 5/16-18 x 1
11	015X87		Locknut, Flange
12	092564MA		Spacer
13	092316		Gear, Sector
14	091708E700		Bracket, Sector
15	402075MA		Kit, Steering Gear
16	01X146MA		Bolt, Hex
17	92529E700		Support, Rear Axle
18	090038 Z		Rod, Tie
19	030X49MA		Pin, Cotter
20	092527MA		Bearing
21	017X57MA		Washer
22	030X20MA		Pin, Cotter
23	17X113MA		WASHER.76-1.2 13G FL
24	091828E701MA		Spindle Assembly, Right
25	092519E701		Spindle Assembly, Axle & Left
26	92528E700		Support, Front Axle
27	091912MA		Tire *
--	407047MA		Tube
28	024373MA		VALVE STM&CP,TR41 SE
29	091334		Bearing, Wheel
30	17X195MA		Washer
31	094578601		Wheel & Tire Assembly
32	092097MA		Bearing
33	15X113MA		Locknut, Flange
34	091749E701MA		Link, Drag
35	17X192MA		Washer
36	092280MA		Spacer, Pinion Gear
38	094618MA		HUB CAP -(Optional)

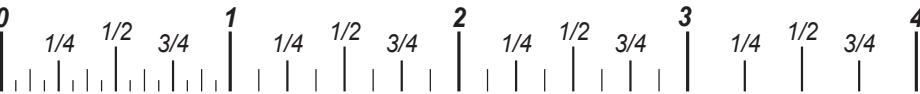
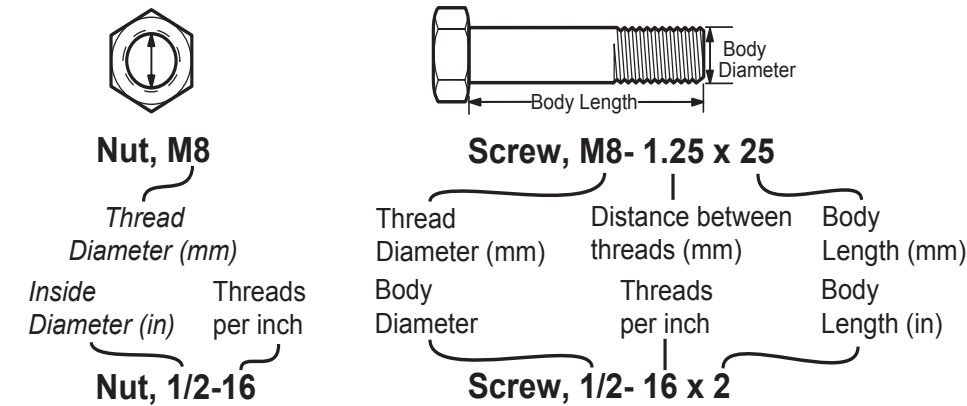
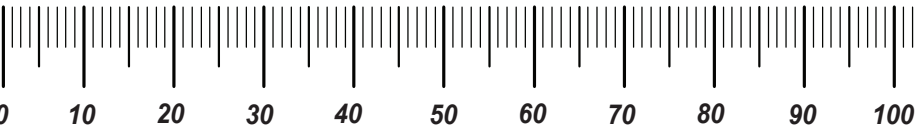
Footnotes:

Note* When you order a tire, make sure to give the brand name of the tire so that the tread pattern on the tire will match.

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).

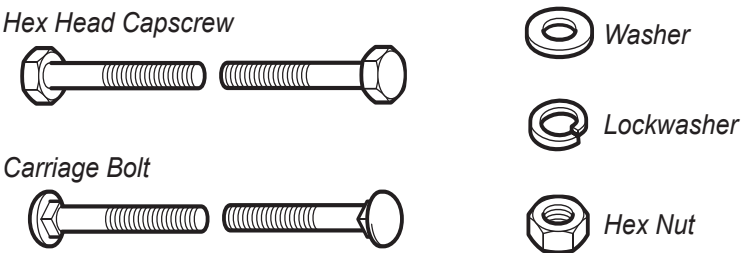
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

