



Parts Manual

Mfg. No: 48560x92A
Lawn Tractor (1997)

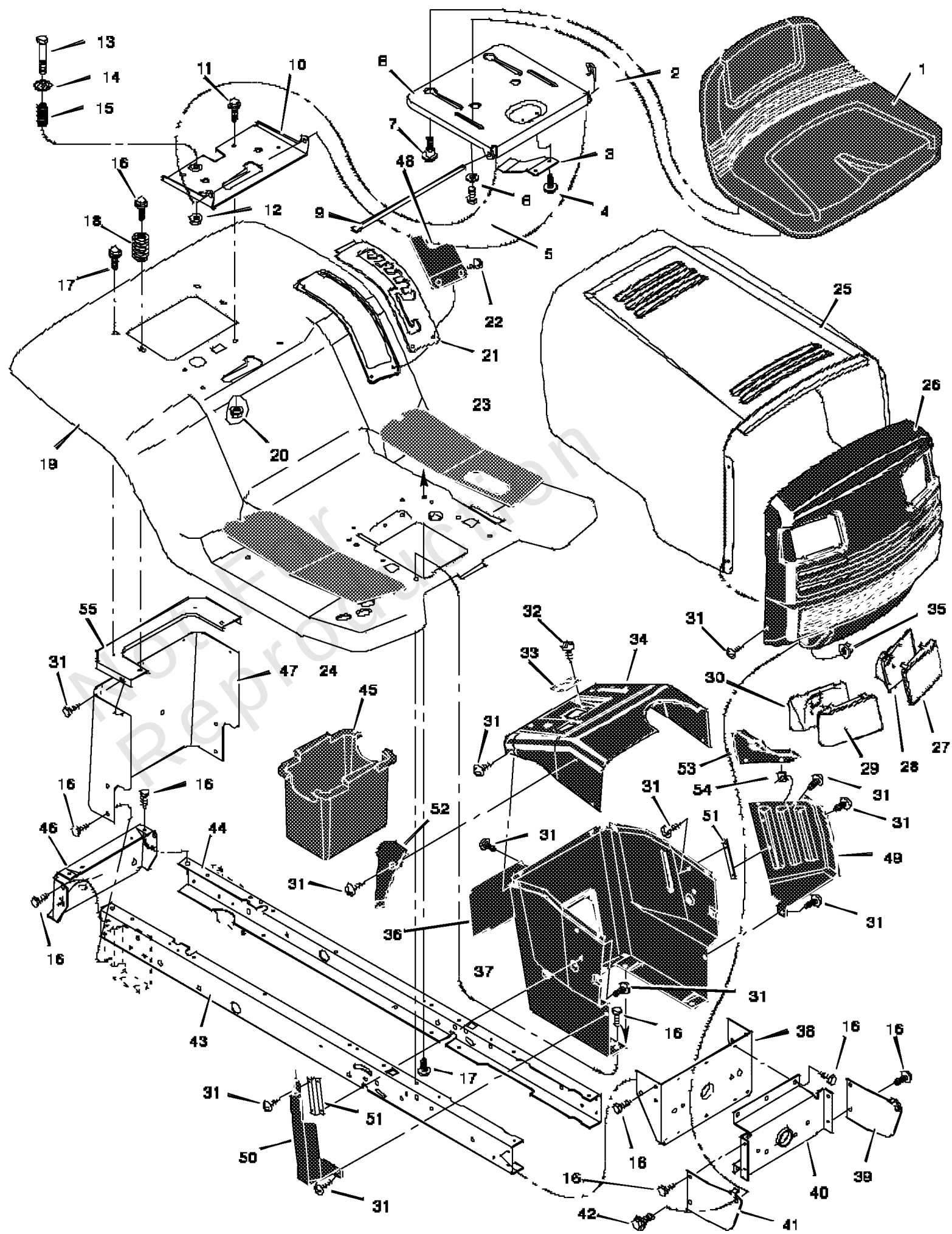
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Not For
Reproduction

Chassis & Hood

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 48560x92A



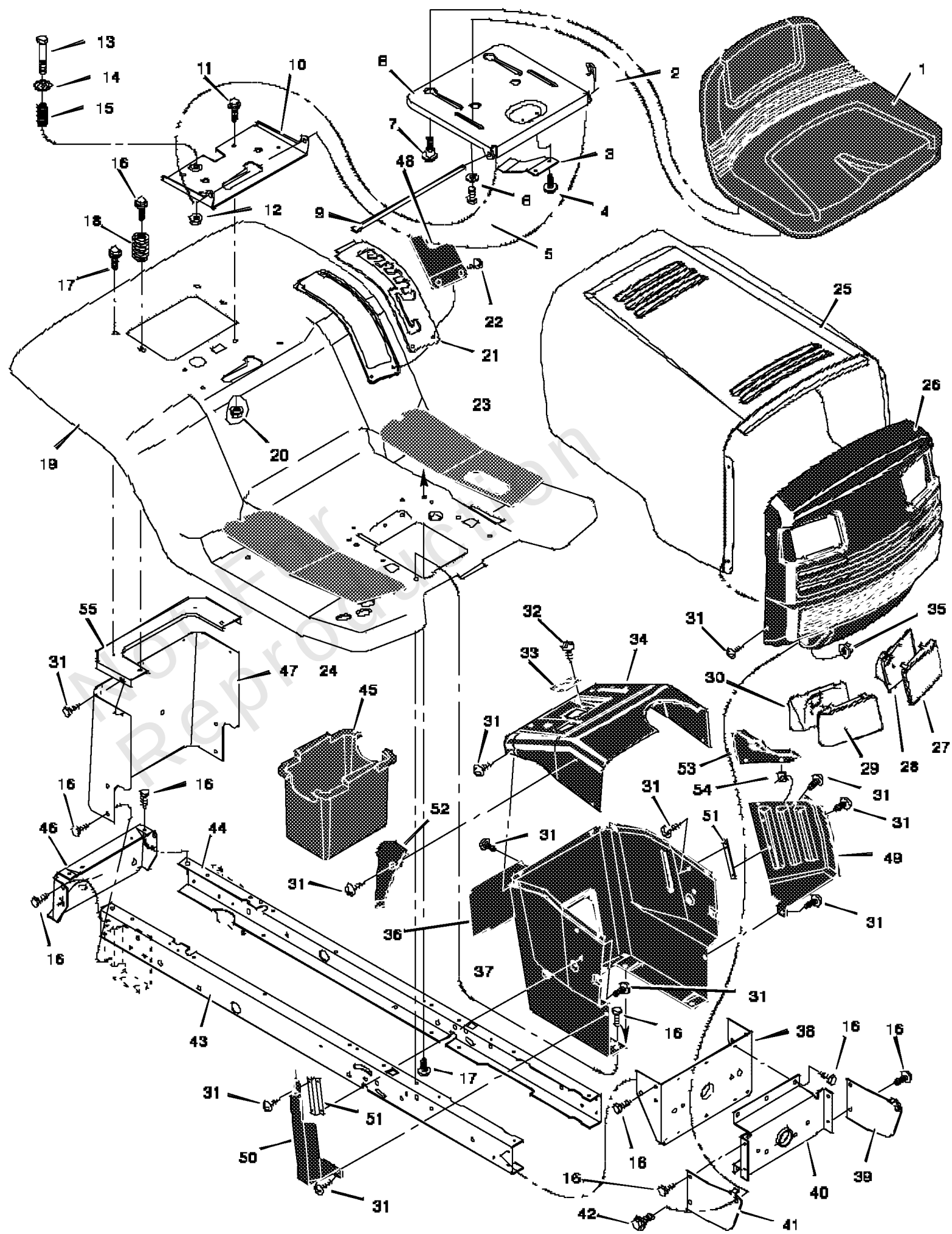
Chassis & Hood

REF NO	PART NO	QTY	DESCRIPTION
1	094163		Seat
2	028X23MA		Cap, Push On
3	094057MA		Spring
4	26X229MA		Screw
5	094160		Bolt, Wing
6	017X47MA		Washer
7	009X56MA		Bolt, Shoulder
8	94154E701		Support, Seat
9	094156ZMA		Rod, Pivot
10	94153E701		Bracket, Pivot
11	001X45MA		Bolt
12	015X89MA		NUT .25-20 FLANGELOCK
13	009X55MA		Bolt, Shoulder
14	094155 Z		Washer
15	164X31		Spring
16	26X249MA		Screw
17	26X263MA		SCREW.25-20 S-T
18	164X30MA		Spring
19	094150F200		Deck, Seat
20	015X88MA		Nut
21	094194E701MA		Plate, Index
22	009X47MA		Screw
23	094453		Mat, Left
24	094454		Mat, Right
25	94090F200		Hood
26	094087E701MA		Grille
27	094093MA		Lens, Left
28	094089 Z		Bezel, Left
29	094092MA		Lens, Right
30	094088 Z		Bezel, Right
31	26X270		Screw
32	26X238MA		Screw
33	094075		Bearing, Steering
34	94091		Dash
35	015X84MA		Nut
36	093007E701MA		Panel, Access
37	94078E701		Support, Dash
38	094013E701MA		Bracket, Rear Hanger
39	94085E701		Support, Left Grille
40	094007E701MA		Axle, Hanger
41	94084E701		Support, Right Grille
42	009X51MA		BOLT-SHD.38-16X.499D
43	94000E701		Frame, Right
44	94001 E701		Frame, Left
45	094069		Container, Battery
46	94002E701		Plate, Hitch
47	94187E701		Panel, Rear
48	094680MA		Cover, Level Adjustment
49	94095		Panel, Left Side
50	94094		Panel, Right Side
51	94098		Bracket, Panel

Chassis & Hood

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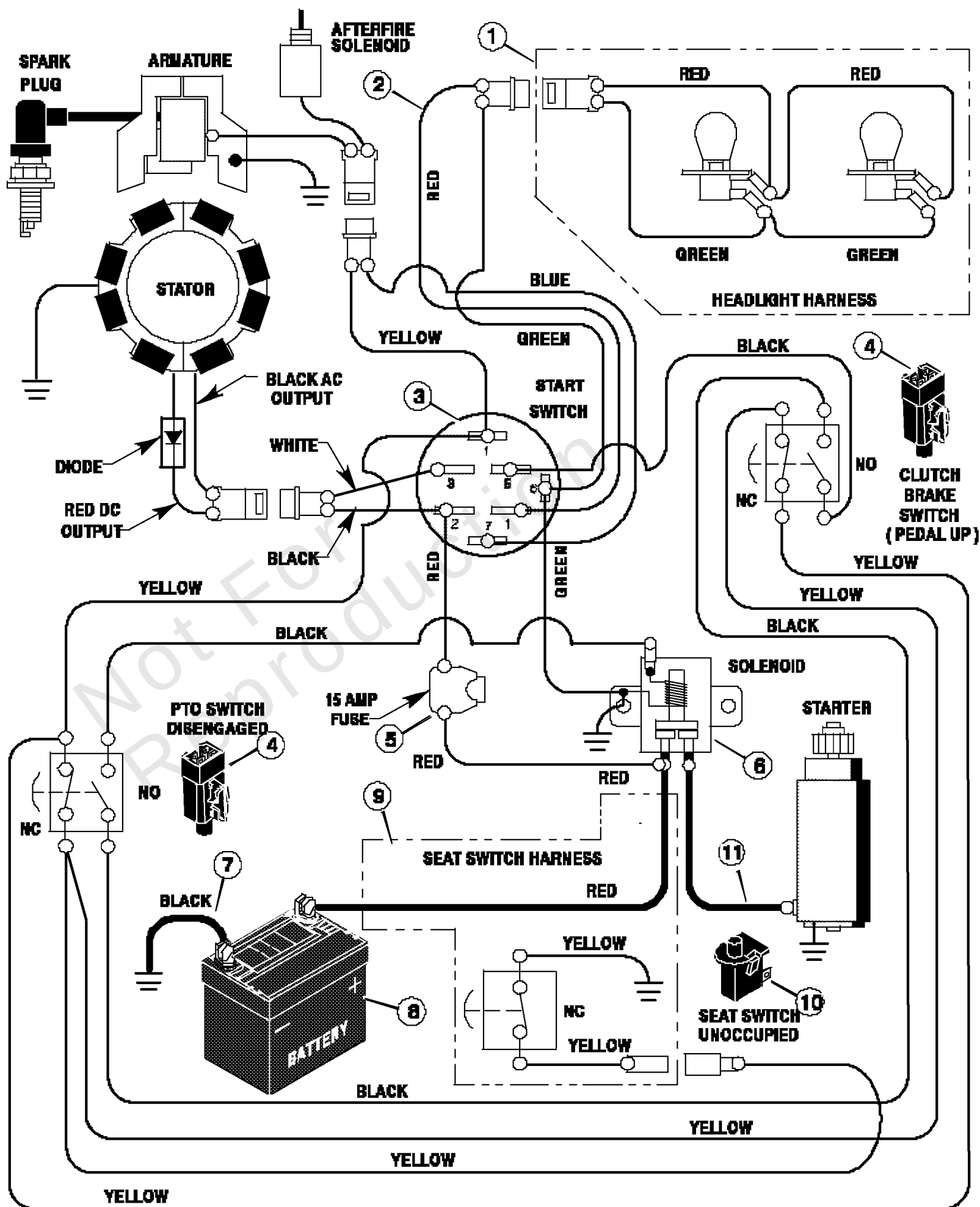
Chassis & Hood

REF NO	PART NO	QTY	DESCRIPTION
52	094096		Cap, Panel
53	094097		Cap, Left Panel
54	028X73		Retainer
55	94186E701		Plate, Rear
--	44X6309		Decal, Right Hood
--	44X6310		Decal, Left Hood
--	44X4248		Decal, Warning
--	F-97743		Book, Instruction
--	F-97744		Parts List

Electrical System

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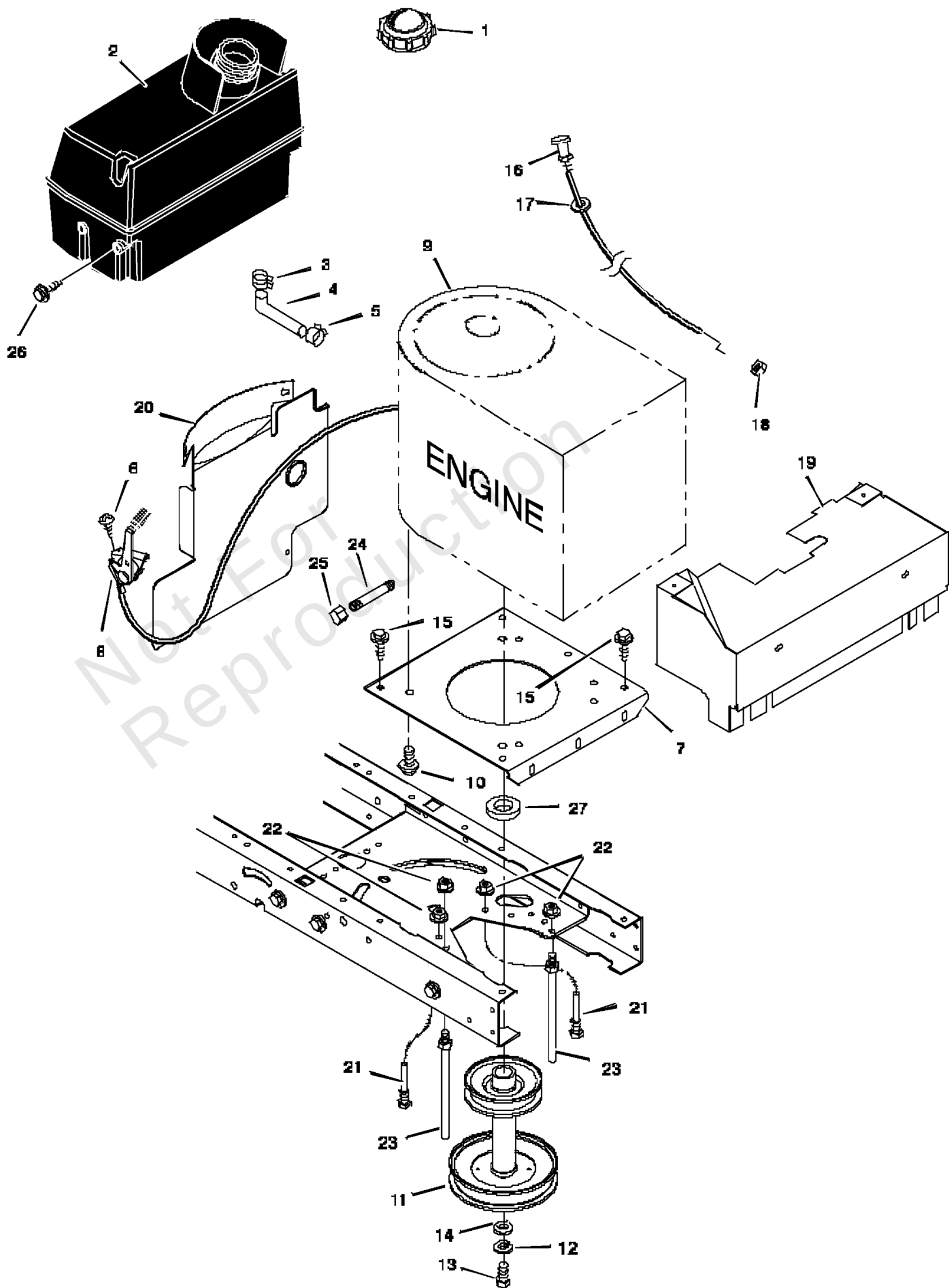
Electrical System

REF NO	PART NO	QTY	DESCRIPTION
1	250X68		Harness, Light Wire
--	092372		Socket, Light
--	090084MA		Bulb, Light
2	250X70		Harness, Chassis Wire
3	092377MA		Switch, Ignition
--	020729		Key, Ignition
--	091489MA		Nut, Hex
--	091488		Cap, Ignition
4	094136MA		Switch, Limit
5	054212		Fuse
--	407078MA		Holder, Fuse
6	094613		Solenoid
--	26X229MA		Screw, Mounting
--	15X116MA		Locknut
7	024X34		Cable, Battery Ground
--	26X213MA		Screw, Ground Cable
8	021075		Battery
--	093292		Acid, Battery (Electrolyte)
--	002X82MA		Bolt, Carriage
--	014X79MA		Wingnut
9	250X71		Harness, Seat Switch Wire
10	094159MA		Switch, Seat Sensor
11	024X33		Cable

Engine Mount

Note: Unless noted otherwise, use the standard torque specifications

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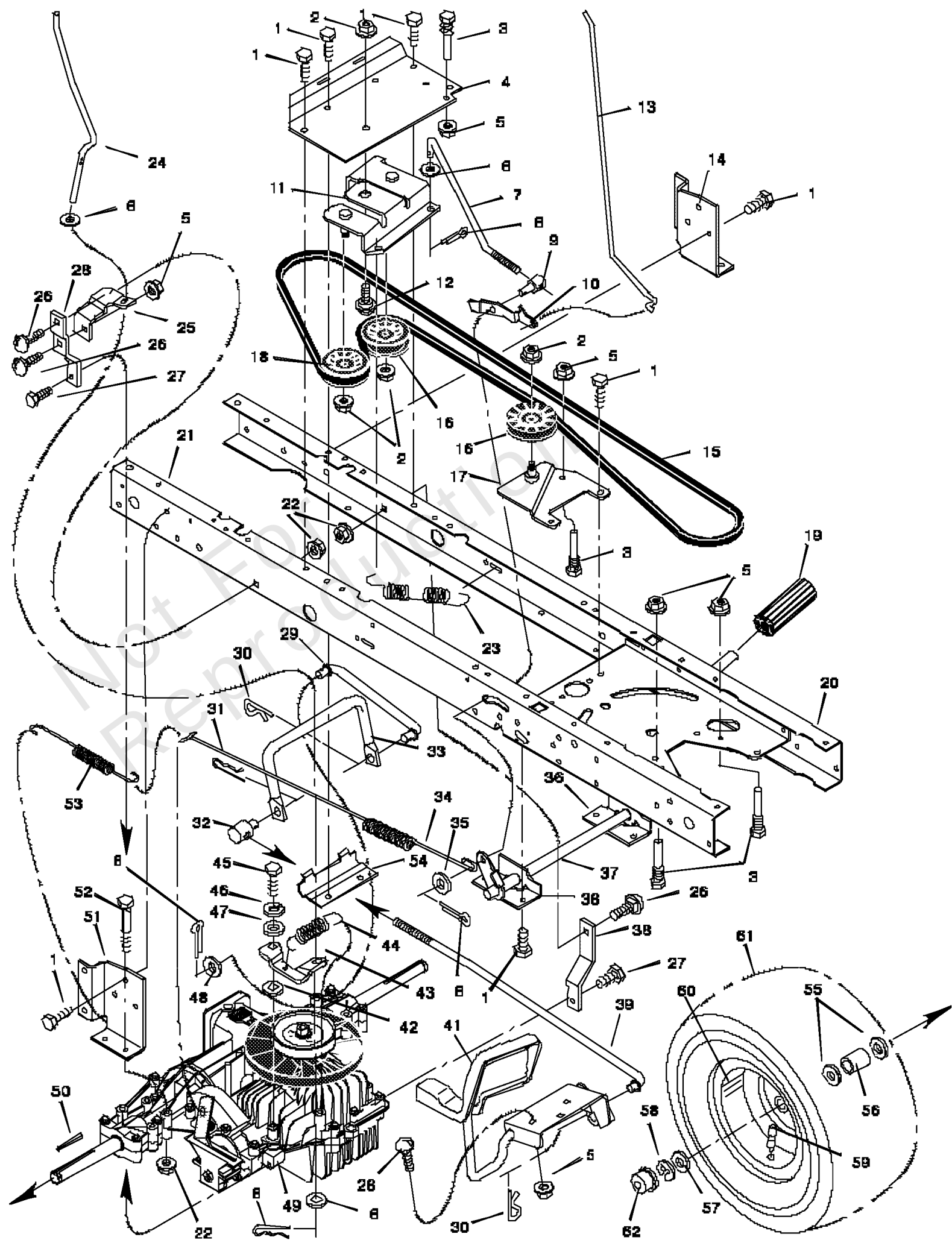


Engine Mount

REF NO	PART NO	QTY	DESCRIPTION
1	092317MA		FUEL CAP
2	094086		Fuel Tank
3	091174		Hose Clamp
4	023717		Fuel Line
5	091174		Hose Clamp
6	26X201MA		Screw
7	94006E701		Plate, Engine
8	093165MA		Throttle Control
9	-----		Engine *
10	0025X7MA		Bolt, Engine Mount
11	094593 Z		Stack Pulley Assembly
12	019X35MA		Lockwasher
13	01X140MA		Bolt, Hex
14	17X170MA		WASHER.46.97.25 FLAT
15	26X249MA		Screw
16	091326		Choke
17	0019X8MA		Washer
18	015X33MA		Nut
19	93188E701		Baffle, Front Engine
20	093078E701		Baffle, Rear Engine
21	93349 Z		Guide, Belt
22	015X79MA		Nut, Flange
23	94066 Z		Guide, Belt
24	092279		Pipe, Oil Drain
25	021651		Cap, Oil Drain
26	26X253MA		Screw
27	093077MA		Spacer

Footnotes:

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



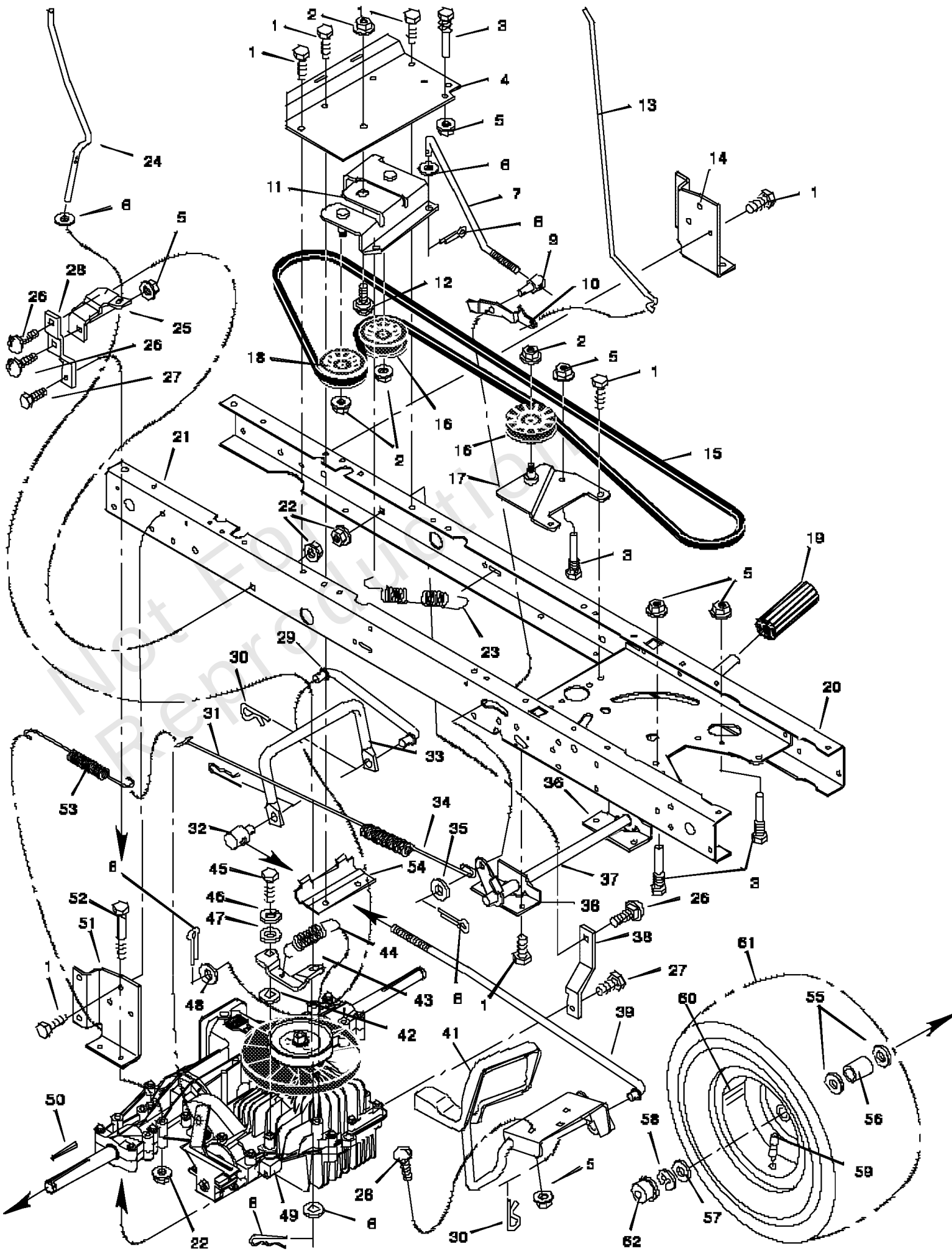
Motion Drive

REF NO	PART NO	QTY	DESCRIPTION
1	26X249MA		Screw
2	015X84MA		Nut, Flange
3	093349MA		GUIDE SCREW - ZINC
4	94431E701		Bracket, Idler
5	015X79MA		Locknut
6	017X47MA		Washer
7	094417 Z		Rod, Clutch
8	030X20MA		Pin, Cotter
9	094646		Adjuster
10	094045 Z		Latch, Parking Brake
11	094411 Z		Bracket Assembly, Idler
12	009X39MA		Bolt, Shoulder
13	094152 Z		Rod, Parking Brake
14	094185E701MA		Bracket, Transaxle
15	037X61AMA		Belt
16	091179MA		Pulley, Idler
17	94409E701		Arm Assembly, Idler
18	091178		Pulley, Idler
19	021544MA		Pedal
20	94001 E701		Frame, Left
21	94000E701		Frame, Right
22	015X88MA		Nut, Flange
23	165X123		Spring, Extension
24	094428 Z		Rod, Disconnect
25	94429E701		Bracket, Disconnect
26	002X53MA		Bolt, Carriage
27	26X216MA		Screw
28	94432E701		Strap, Right Torque
29	94426E701		Rod, Link
30	0031X4MA		Pin, Hair
31	0031X6MA		Pin, Hair
32	092132MA		NUT, Adjusting, 1/2-13
33	94425E701		Rod, Yoke
34	165X115MA		Spring, Extension
35	017X53MA		Washer
36	94035E701		Bracket, Pivot
37	94038E701		Lever, Clutch/Brake
38	094433E701MA		BRACKET, Torque Strap, LH
39	94424		Rod, Link
41	94422E701		Pedal, Speed Control
42	17X148MA		Washer
43	094430 Z		Arm, Disconnect
44	165X112MA		Spring
45	01X145MA		Bolt
46	018X32MA		Lockwasher
47	17X180MA		Washer
48	17X151		Washer
49	-----		Transaxle **

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** For information on Replacement Parts see the Central Parts Distributor on your area.



Motion Drive

REF NO	PART NO	QTY	DESCRIPTION
50	021553MA		Key, Square
51	094184E701MA		Bracket, Right Transaxle
52	01X155MA		Bolt
53	165X92MA		Spring, Extension
54	94434E701		Clamp, Transaxle
55	17X160MA		Washer
56	87X105		Spacer
57	17X195MA		Washer
58	0011X3MA		RING, E .750D .050T
59	024373MA		VALVE STM&CP,TR41 SE
60	92291601		Wheel & Tire Assembly
61	024380		Tire *
--	407049MA		Tube
62	094618MA		HUB CAP -(Optional)

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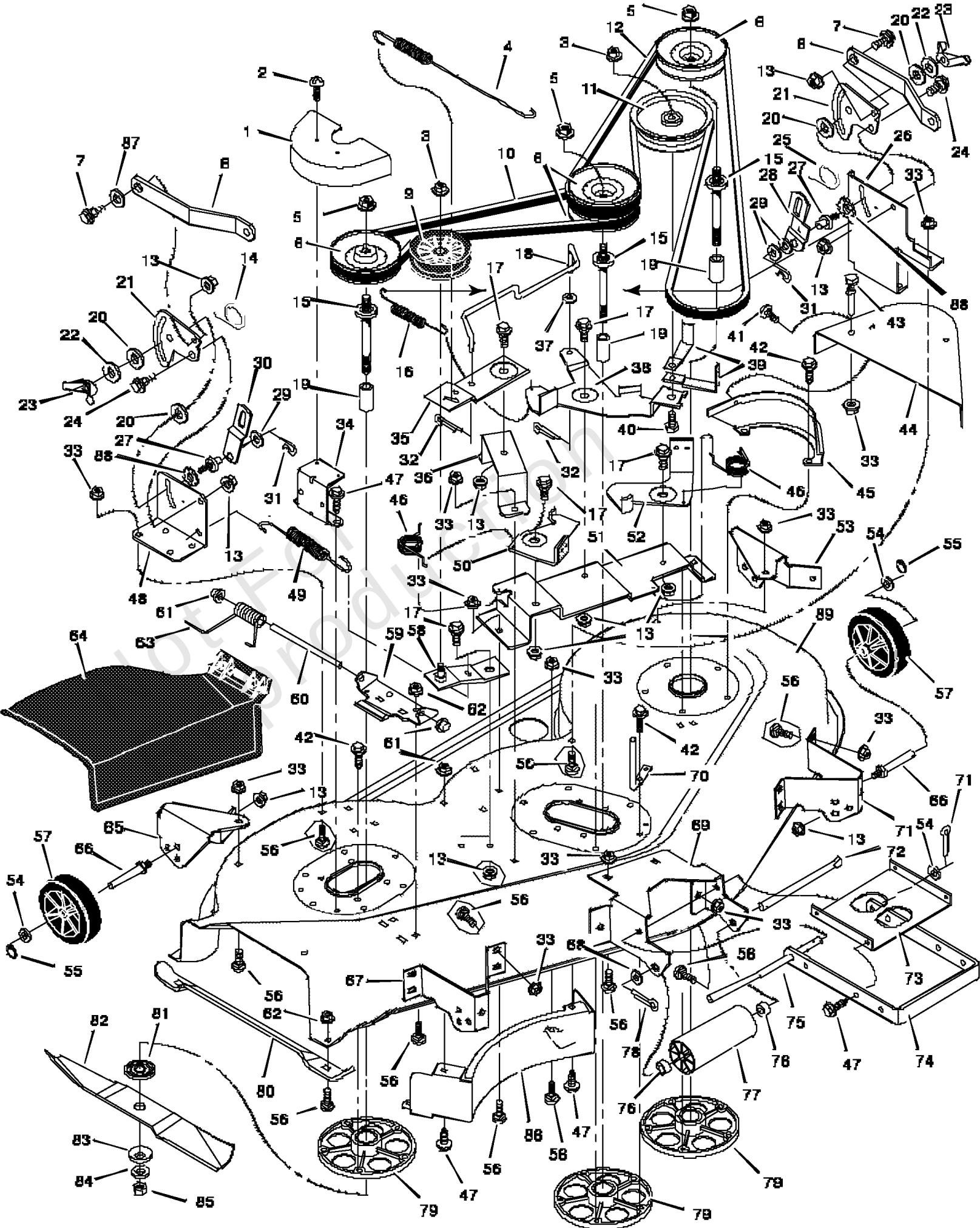
Footnotes:

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

Mfg. No: 48560x92A



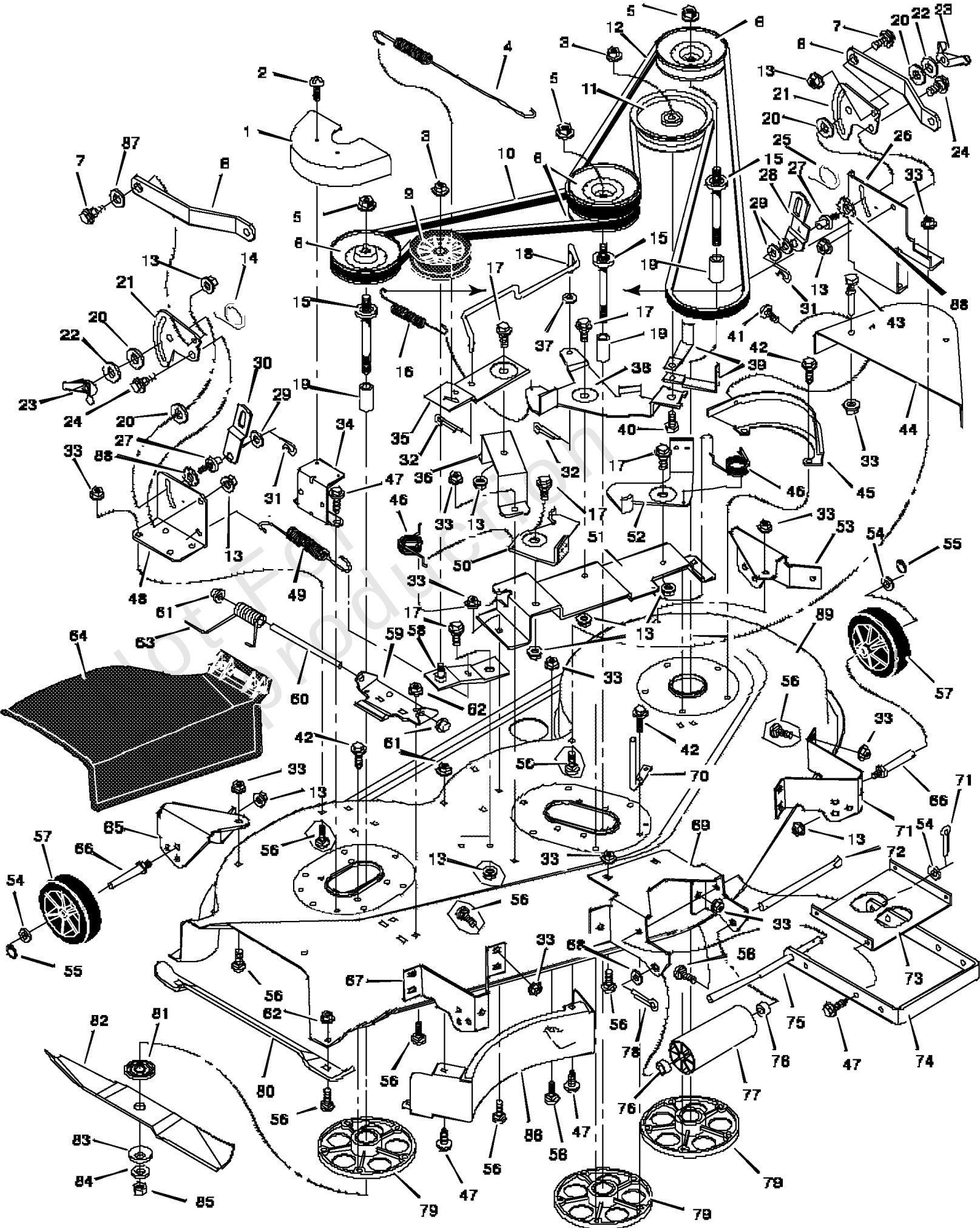
Mower Housing

REF NO	PART NO	QTY	DESCRIPTION
1	094607E701MA		Cover, Right Pulley
2	26X250MA		Screw
3	015X84MA		Nut, Flange
4	165X121MA		Spring, Extension
5	15X121		Nut, Flange
6	094856		Pulley
7	009X52MA		Bolt, Shoulder
8	094055E701MA		Bracket, Rear Suspension
9	091590		Pulley, Idler
10	037X92MA		Belt, Secondary
11	094810		Pulley, Idler
12	037X93MA		Belt, Primary
13	015X84MA		Nut, Hex
14	166X42MA		Spring, Torsion
15	094129		Shaft, Splined
16	165X113MA		Spring
17	009X39MA		Bolt, Shoulder
18	94703		Link, Bell Crank
19	094130MA		Spacer
20	094137MA		FRICITION PAD
21	094128E700MA		Plate, Suspension
22	017X45MA		WASHER,FLAT .33 1. 16
23	095004MA		Knob
24	009X51MA		BOLT-SHD.38-16X.499D
25	166X43MA		Spring, Torsion
26	94695		Bracket, Left Lift
27	094064		Pin, Hanger
28	094611E701MA		Link, Left Lift
29	17X103MA		Washer
30	094053E701MA		LIFTER LINK, RIGHT
31	0031X4MA		Pin, Hair
32	030X20MA		Pin, Cotter
33	015X79MA		Nut, Flange
34	092140E700		Bracket, Cover
35	094808E700		Crank, Bell
36	094601E701		Bracket, Bell Crank
37	17X124MA		Washer
38	094702E700		Idler, Arm
39	094809MA		Guide, Belt
40	01X111MA		Bolt, Idler Pulley
41	26X277MA		Screw
42	0025X7MA		Screw
43	933492		Guide, Belt
44	94645		Cover, Left Pulley
45	94643E700		Bracket, Pulley Cover
46	166X41MA		Spring
47	26X249MA		Screw
48	094694E700		Bracket, Right Lift
49	165X79MA		Spring, Extension
50	94698		Brake Assembly, Right
51	094699E700		Plate, Brake Arm

Mower Housing

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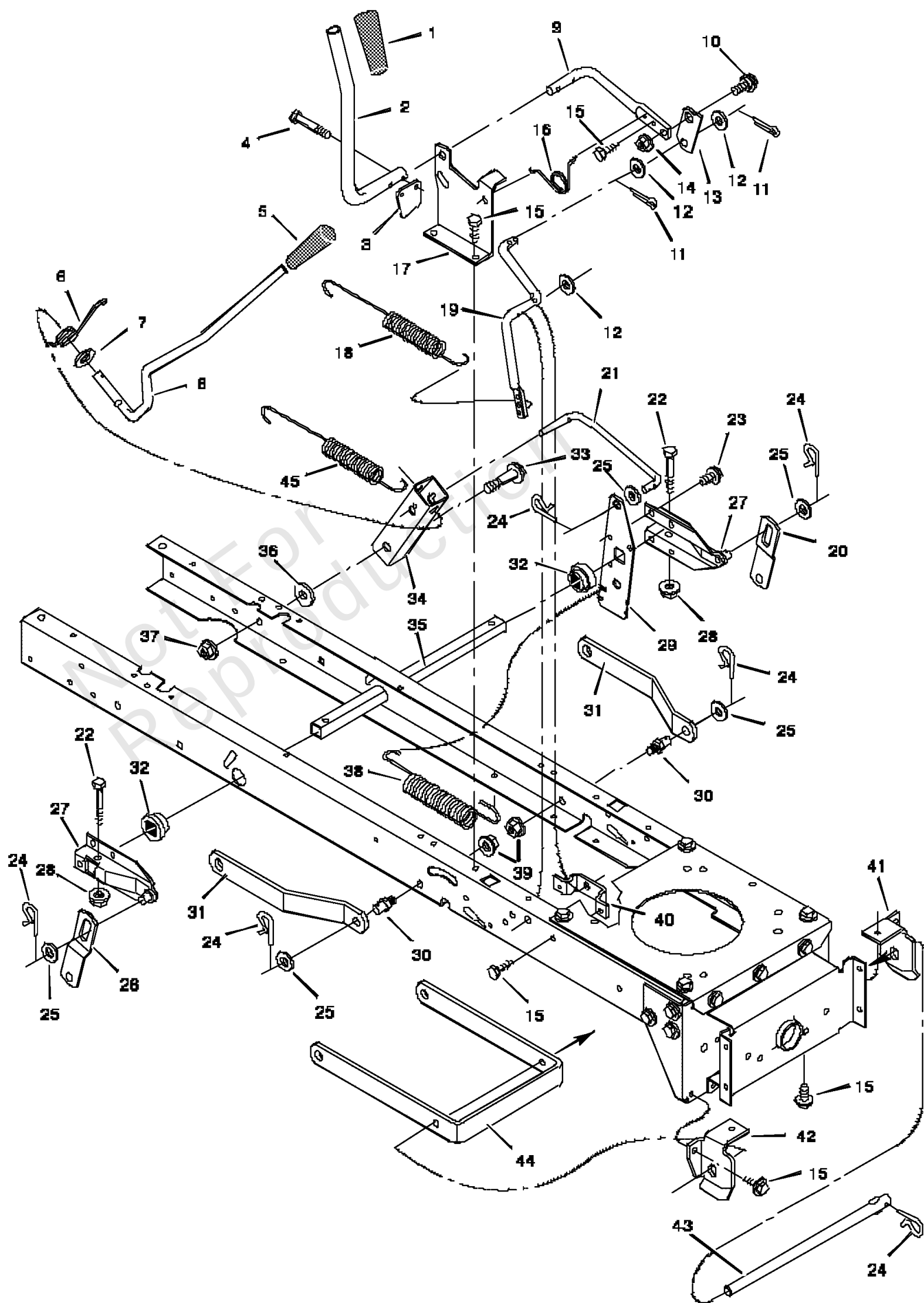
Mower Housing

REF NO	PART NO	QTY	DESCRIPTION
52	94697		Brake Assembly, Left
53	094717E700		Bracket, Left Rear Gauge Wheel
54	017X91MA		Washer
55	031X11MA		Ring, Locking
56	002X53MA		Bolt, Carriage
57	092683MA		Wheel, Gauge
58	94701		Arm, Idler
59	092104E701MA		Bracket, Hinge
60	092159ZMA		Rod, Deflector
61	028X23MA		Push On Cap
62	015X88MA		Nut, Flange
63	166X34MA		Spring, Torsion
64	092100MA		Deflector, Chute
65	094716E701		Bracket, Right Rear Gauge Wheel
66	094025MA		BOLT, Gauge Wheel
67	095180E700		Bracket, Front Gauge Wheel
68	17X103MA		Washer
69	094693E700MA		Bracket, Front Deck
70	92424		Guide, Belt
71	0031X4MA		Pin, Cotter
72	094642 Z		Rod, Roller
73	094604E700		Stiffener
74	690539E701MA		BRKT-FRT SUSPENSION
75	094158ZMA		Rod, Suspension Bracket
76	091925MA		Spacer
77	092137MA		Roller
78	030X49MA		Pin, Cotter
79	092574		Housing, Jackshaft
80	94715		Guard, Horn
81	092466MA		Adapter, Blade
82	94692E700		Blade
83	17X166MA		Washer, Belleville
84	17X165MA		Washer
85	15X100MA		Nut
86	94825		Baffle
87	17X198		Washer
88	019X35MA		Washer
89	094937E701		Housing, Blade

Mower Housing Suspension

Note: Unless noted otherwise, use the standard torque specifications

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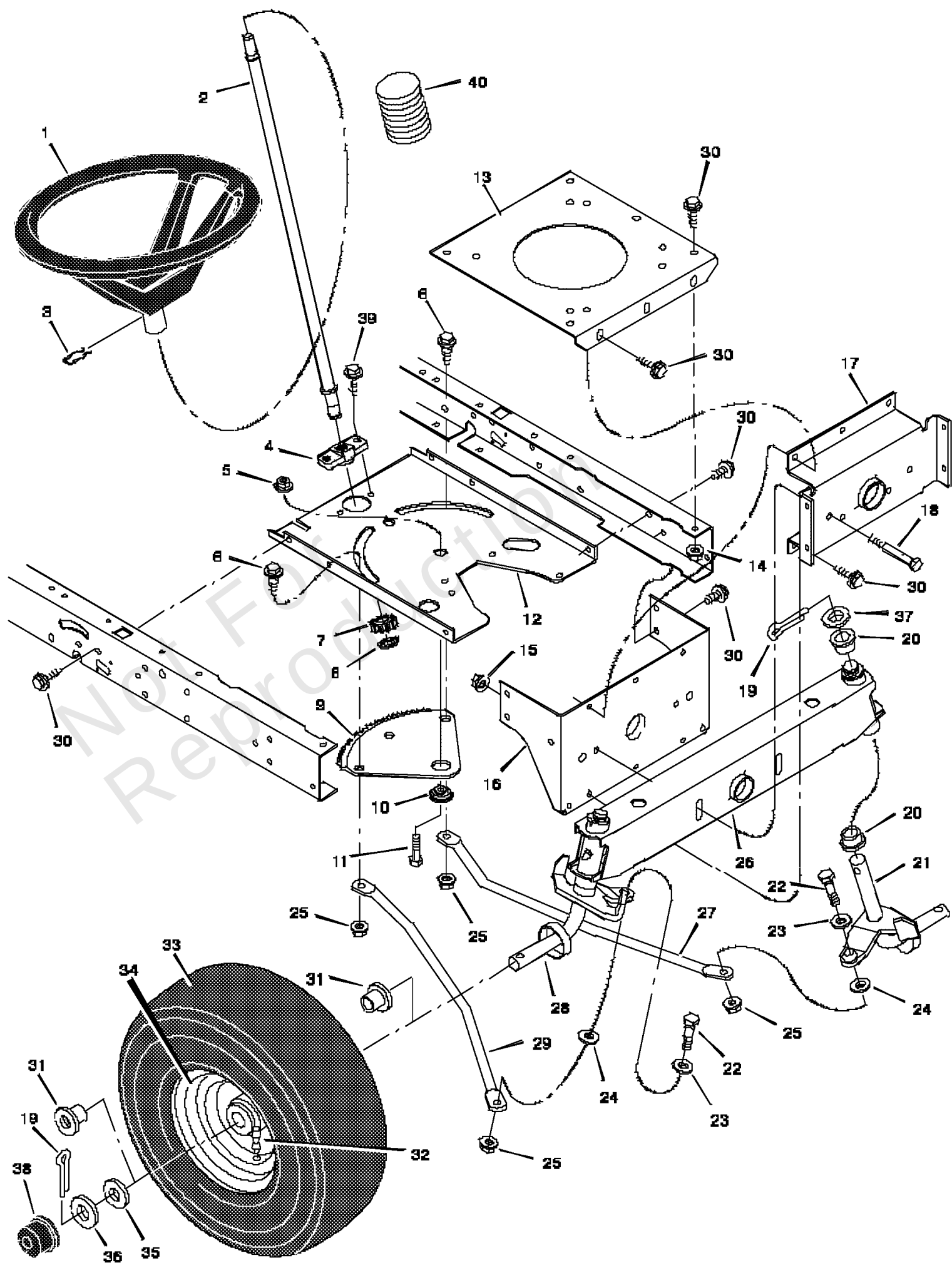
Mower Housing Suspension

REF NO	PART NO	QTY	DESCRIPTION
1	092698MA		Grip
2	094196 Z		Handle
3	94022E701		Pad, Switch
4	0025X3MA		Screw, Hex
5	092697MA		Grip
6	166X40MA		Spring
7	17X103MA		Washer
8	094195 Z		Lever, Lift
9	094017 Z		Lever, PTO
10	009X39MA		Bolt, Shoulder
11	030X20MA		Pin, Cotter
12	017X57MA		Washer
13	094004 Z		Link, PTO
14	015X84MA		Nut, Flange
15	26X249MA		Screw
16	166X39MA		Spring
17	94018		Bracket, PTO
18	165X118MA		Spring
19	94019 D		Crank, PTO
20	94611E701		Link, Left Lift
21	94028E701		Link, Lift
22	001X74MA		Bolt
23	026X49MA		Screw
24	0031X4MA		Pin, Hair
25	017X91MA		Washer
26	094053E701MA		LIFTER LINK, RIGHT
27	94180E701		Lever Assembly, Lift
28	15X118MA		Nut, Flange
29	94030E701		Plate, Lift Arm
30	094067MA		Pin
31	094055E701MA		Bracket, Rear Suspension
32	094065MA		Bushing
33	009X53MA		Bolt, Shoulder
34	94015E701		Bracket, Pivot
35	94063E701		Tube, Deck Lift
36	17X191MA		Washer
37	015X84MA		Nut, Flange
38	165X117MA		Spring
39	015X68MA		Nut, Flange
40	94005E701		Bracket, PTO
41	094027E701MA		Hanger, Left Deck
42	094026E701MA		Hanger, Right Deck
43	094158ZMA		Rod, Hanger
44	94058E701		Bracket, Suspension
45	165X125MA		Spring

Steering

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Steering

REF NO	PART NO	QTY	DESCRIPTION
1	094591		Wheel, Steering
2	094127		Post, Steering
3	094131MA		Clip, Retainer
4	094124MA		Bearing
5	15X113MA		Nut, Flange
6	009X57MA		Bolt, Shoulder
7	094122		Gear, Pinion
8	011X25MA		Ring, Snap
9	094121MA		Gear, Sector
10	094123MA		Bearing
11	001X84MA		CAPSCREW, Hex Head, 5/16-18 x 1
12	94003E701		Plate, Steering
13	94006E701		Plate, Engine
14	015X88MA		Nut, Flange
15	15X118MA		Nut, Flange
16	094013E701MA		Bracket, Hanger
17	094007E701MA		Axle, Hanger
18	01X146MA		Bolt
19	030X49MA		Pin, Cotter
20	092527MA		Bearing
21	94576F200		Spindle Assembly, Left
22	01X111MA		Bolt
23	17X104MA		Washer
24	017X53MA		Washer
25	015X84MA		Nut, Flange
26	94012E701		Axle Assembly
27	94021E701		Drag Link, Left
28	094575E701MA		Spindle Assembly, Right
29	94020E701		Drag Link, Right
30	26X249MA		Screw
31	091334		Bearing, Wheel
32	024373MA		VALVE STM&CP,TR41 SE
33	091912MA		Tire *
--	407047MA		Tube
34	094579601		Wheel and Tire Assembly
35	17X195MA		Washer
36	17X192MA		Washer
37	17X113MA		WASHER.76-1.2 13G FL
38	094618MA		HUB CAP -(Optional)
39	26X267MA		Screw
40	092059MA		Bellows -(Optional)

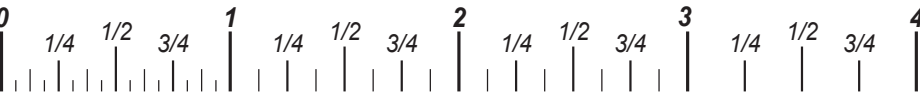
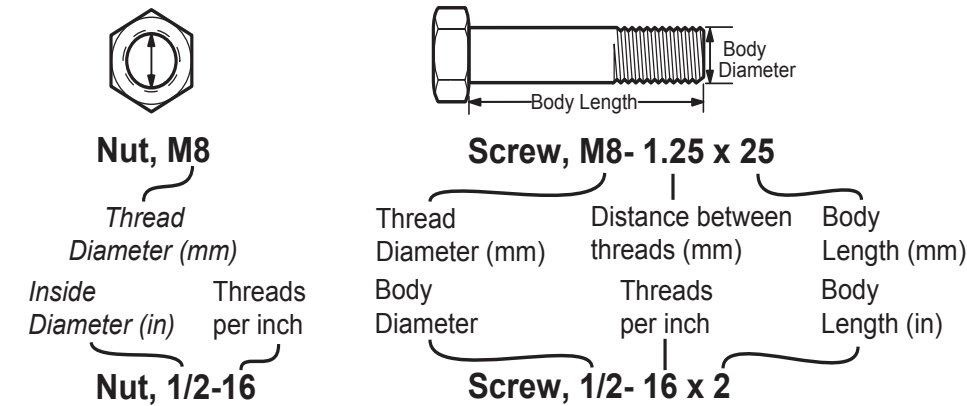
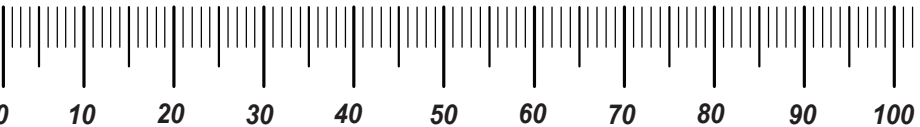
Footnotes:

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).

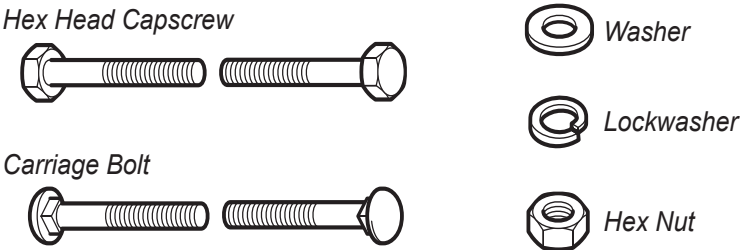
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

