



Parts Manual

Mfg. No: 468602x68A
Lawn Tractor (2005)

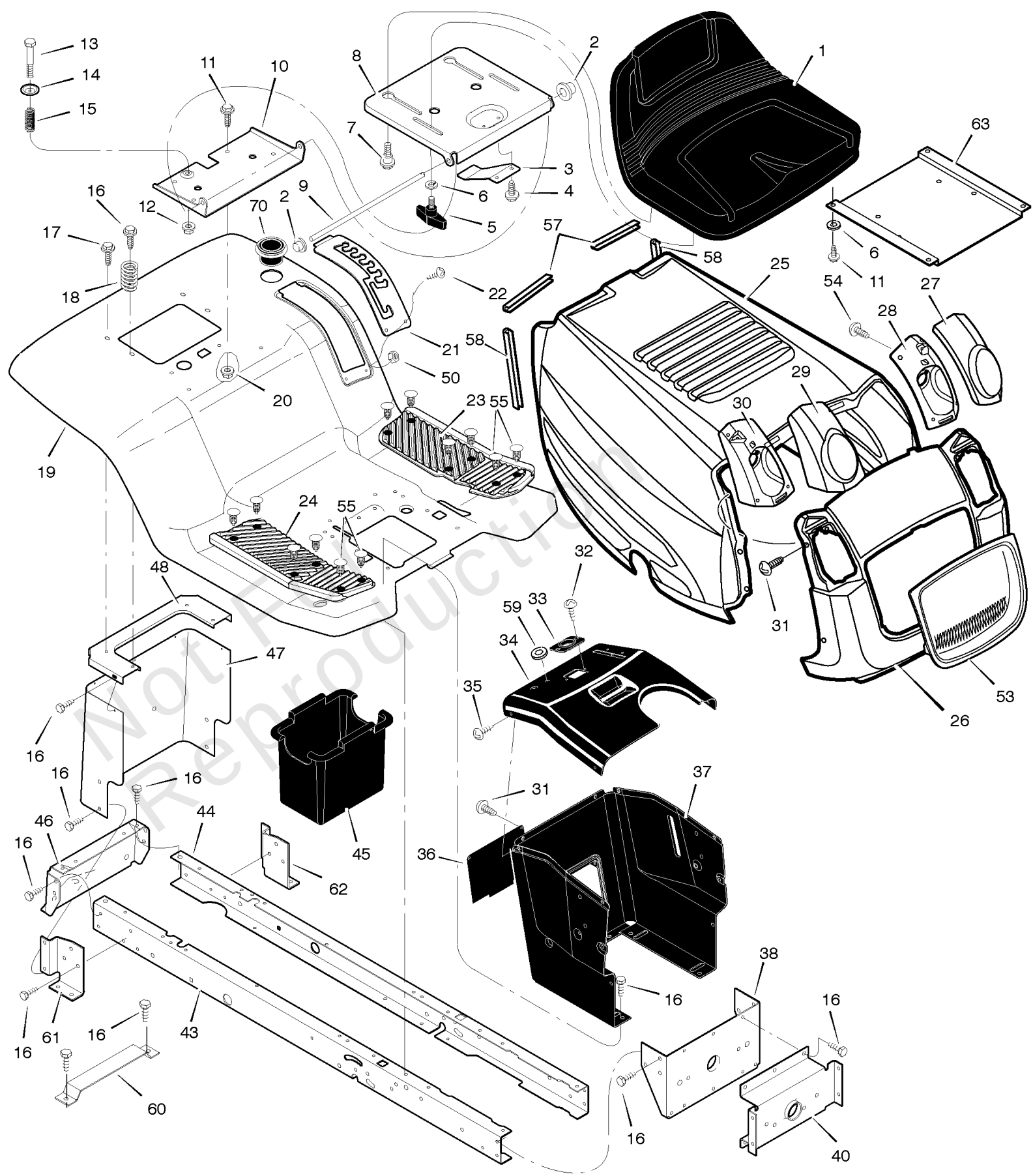
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Not For
Reproduction

Chassis & Hood

Note: Unless noted otherwise, use the standard torque specifications

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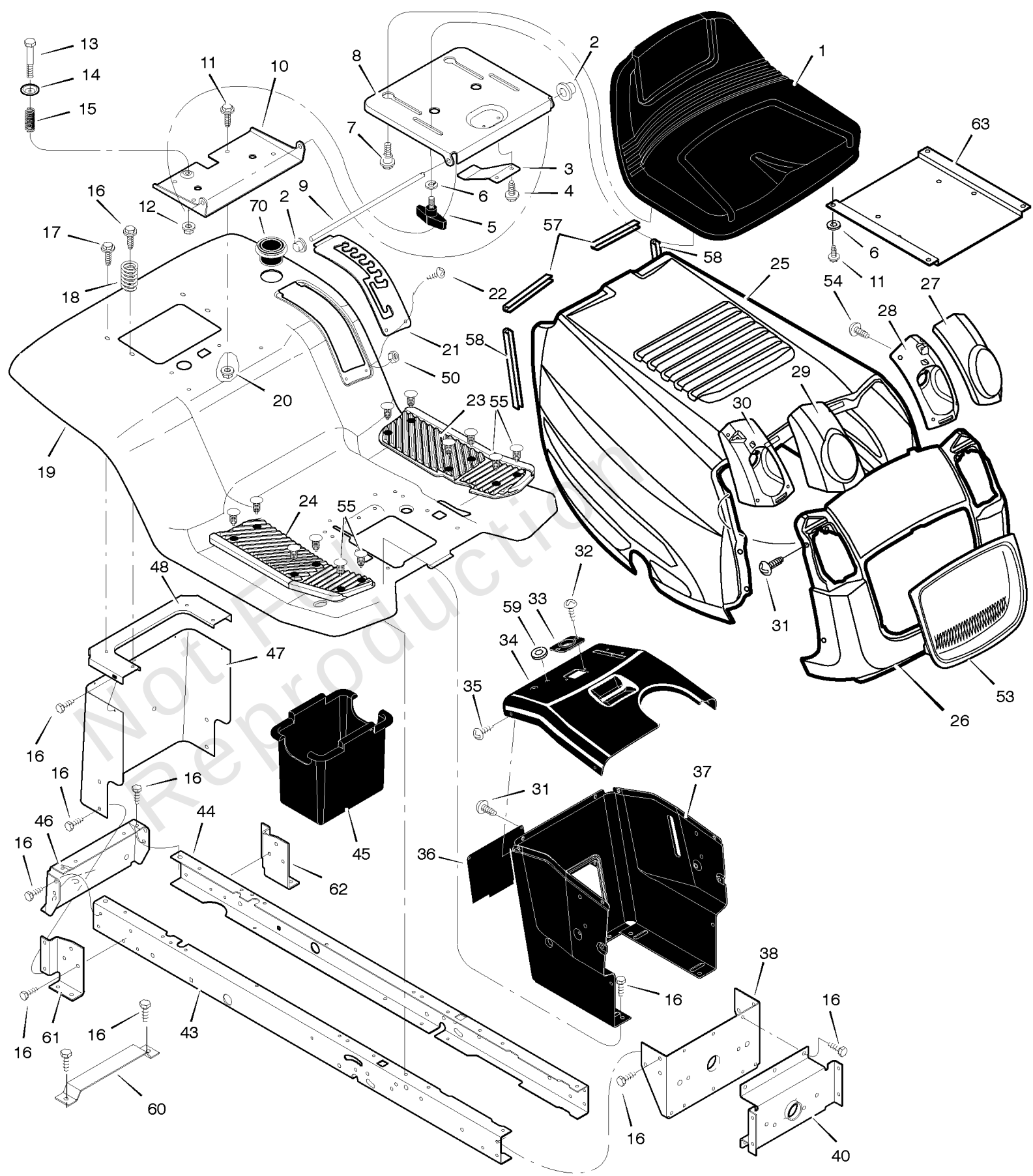
Chassis & Hood

REF NO	PART NO	QTY	DESCRIPTION
1	1001854		Seat
2	028X23MA		Cap, Push On
3	094057MA		Spring
4	26X229MA		Screw
5	1001054MA		Bolt, Wing
6	017X47MA		Washer
7	009X56MA		Bolt, Shoulder
8	094154E700		Support, Seat
9	094156ZMA		Rod, Pivot
10	1001648E700		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	1001556E700MA		Deck, Seat
20	15X123MA		Nut
21	094886E700		Plate, Index
22	26X270		Screw
23	095408		Mat, Left
24	095409		Mat, Right
25	1001537E700MA		Hood
26	1001533E700MA		Grille
27	1001552MA		Lens, Left
28	1001550		Housing, Left Headlamp
29	1001551MA		Lens, Right
30	1001549		Housing, Right Headlamp
31	26X270		Screw
32	26X238MA		Screw
33	1001491MA		Bearing, Steering
34	1001593E700		Dash
35	26X201MA		Screw
36	093007E700		Panel, Access
37	095318E700		Support, Dash
38	1001270E700MA		Bracket, Rear Hanger
40	094007E700		Axle, Hanger
43	1001928E701MA		RAIL - FRAME RH
44	1001927E701		Frame, Left
45	690424MA		Container, Battery
46	1001002E700		Plate, Hitch
47	1001906E700		Plate, Rear
48	094186E700		Top, Rear Plate
50	015X81MA		NUT#10-24 MCLEANLOCK
53	1001540MA		Insert, Grille
54	26X270		Screw
55	0193X1MA		Fastener, Panel
57	1001652MA		Trim, Hood (3.75")
58	1001653MA		Trim, Hood (6.5")

Chassis & Hood

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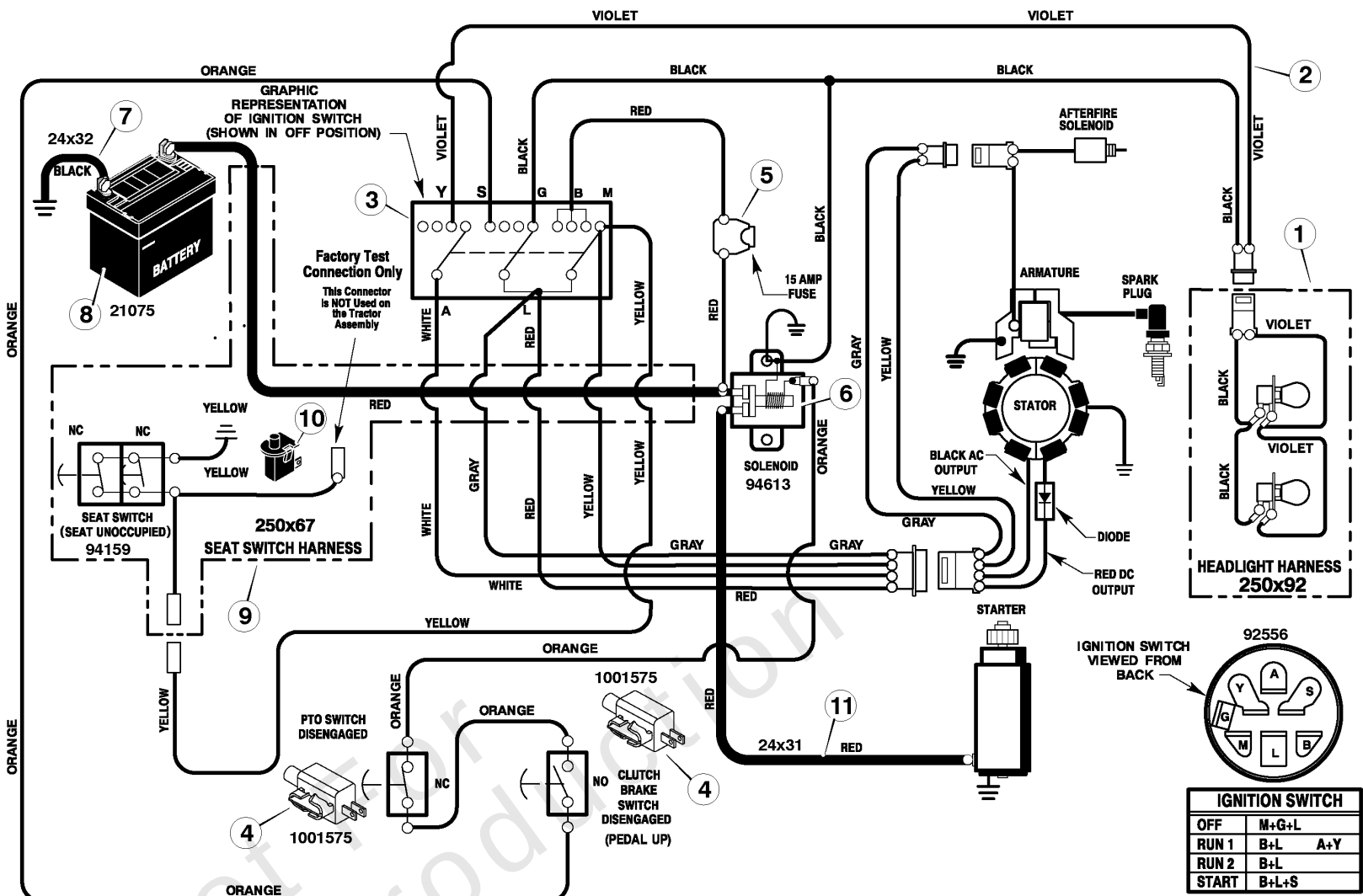
Chassis & Hood

REF NO	PART NO	QTY	DESCRIPTION
59	1001755MA		Grommet, Parking Brake
60	690482E701		Bracket, Support
61	1001891E701		Bracket, Right Transaxle
62	1001890E701		Bracket, Left Transaxle
63	1001855E701		Plate, Seat
70	1001542MA		Holder, Cup
--	1002007		Bag, Parts
--	F-050720L		Instruction Book & Parts List

Electrical System

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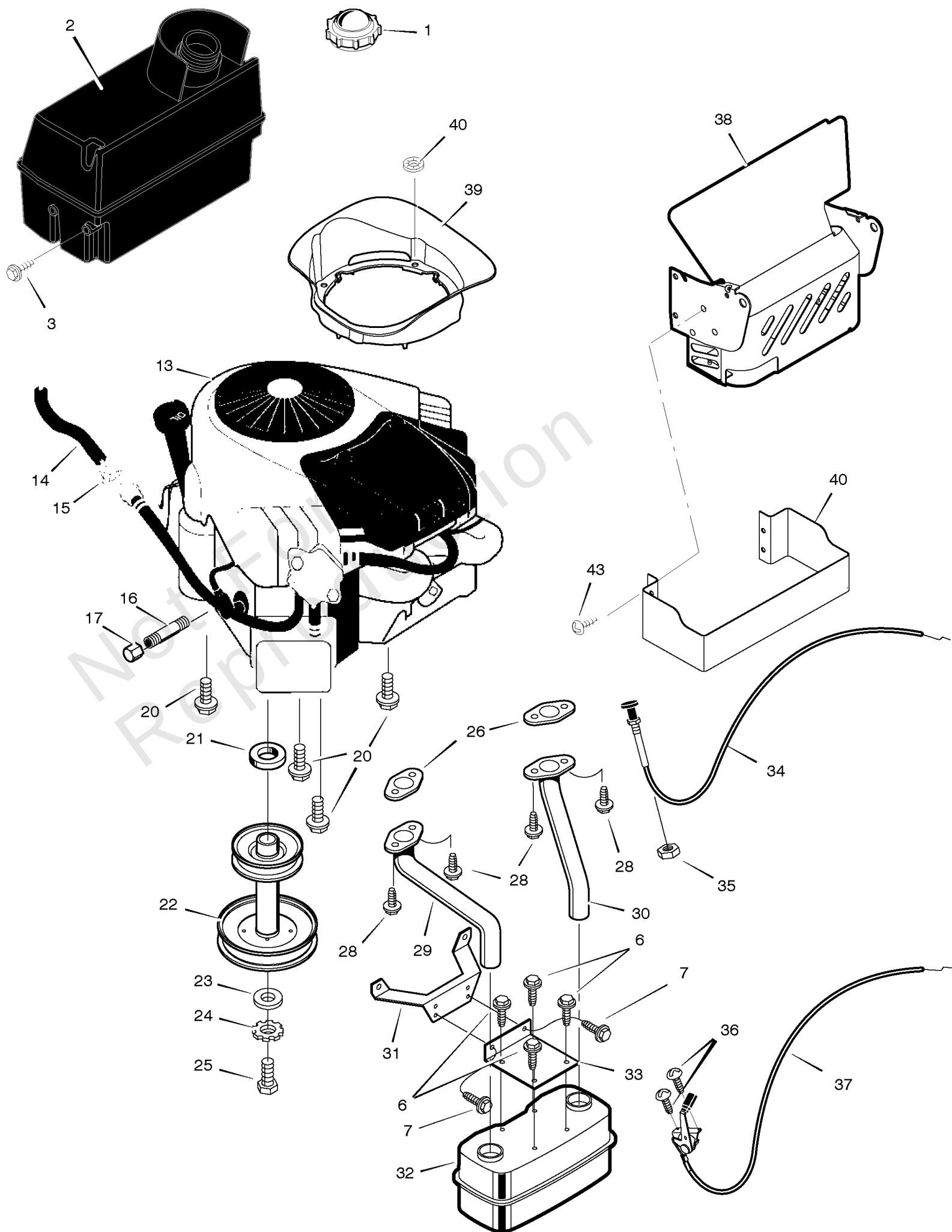
Electrical System

REF NO	PART NO	QTY	DESCRIPTION
1	250X92MA		Harness, Light Wire
--	1001716MA		Socket, Light
--	090084MA		Bulb, Light
2	250X112		Harness, Chassis Wire
3	092556MA		Switch, Ignition
--	020729		Key, Ignition
--	091489MA		Nut, Hex
--	091488		Cap, Ignition
4	1001575MA		Switch, Limit
5	302031MA		Fuse
--	407078MA		Holder, Fuse
6	1002004MA		Solenoid
--	26X229MA		Screw, Mounting
--	15X116MA		Locknut
7	024X32MA		Cable, Battery Ground
--	26X229MA		Screw, Ground Cable
8	021075		Battery
--	002X82MA		Bolt, Carriage
--	014X79MA		Wingnut
--	054148MA		Boot, Battery Terminal -Positive
9	250X67MA		Harness, Seat Switch Wire
10	094159MA		Switch, Seat Sensor
11	024X31MA		Cable

Engine Mount Assembly

Note: Unless noted otherwise, use the standard torque specifications

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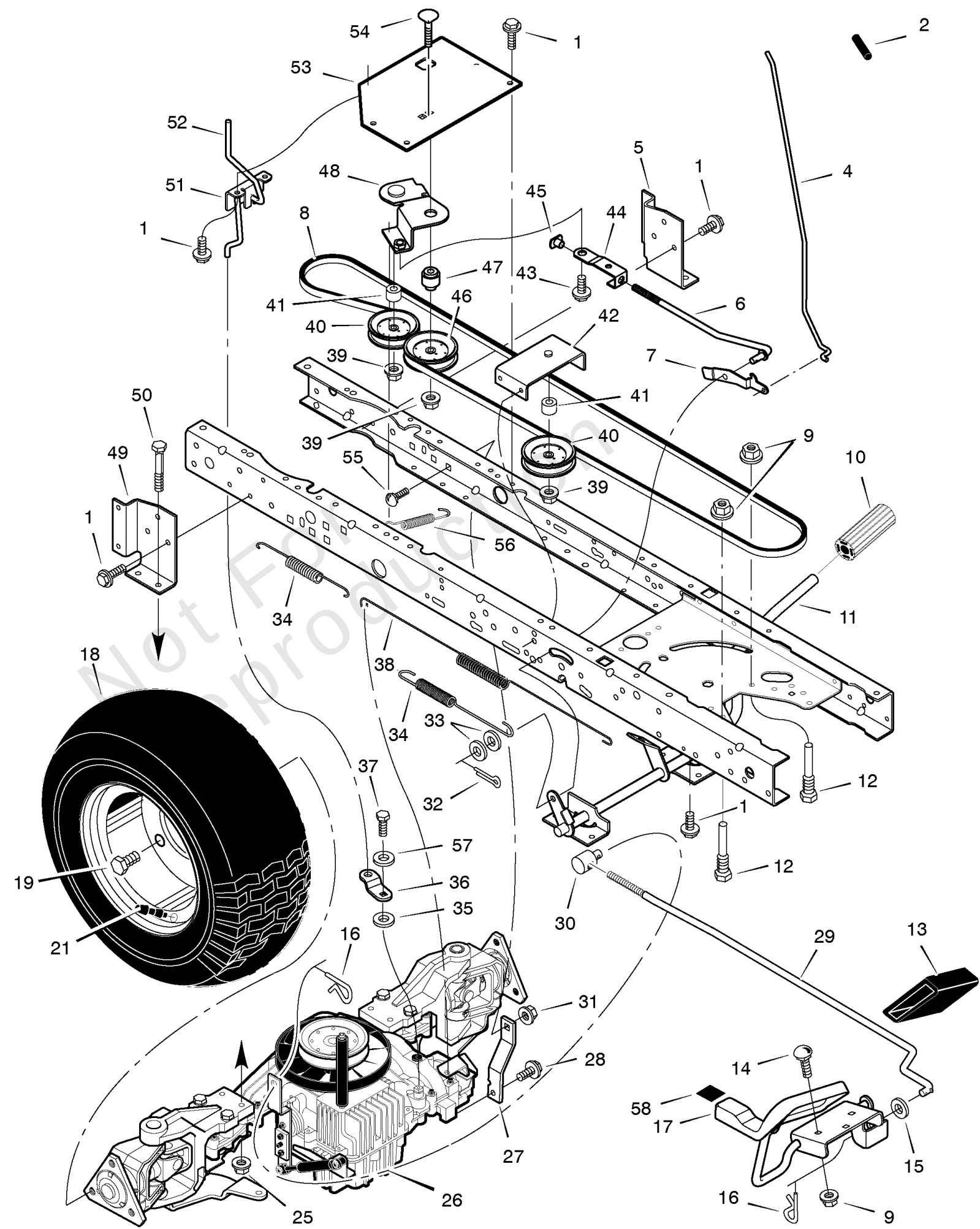


Engine Mount Assembly

REF NO	PART NO	QTY	DESCRIPTION
1	092317MA		FUEL CAP -(Included with Ref. No. 2)
2	690289MA		Tank, Fuel
3	26X253MA		Screw
6	26X229MA		Screw
7	26X263MA		SCREW.25-20 S-T
13	-----		Engine, Briggs & Stratton *
14	7601033MA		Fuel Line (Must cut to length) -(Included with Ref. No. 2)
15	095197MA		Clamp -(Included with Ref. No. 2)
16	092279		Pipe, Oil Drain
17	021651 Z		Cap, Oil Drain
20	0025X7MA		Bolt
21	093077MA		Spacer
22	690507MA		Pulley, Stack
23	17X170MA		WASHER.46.97.25 FLAT
24	019X35MA		Lockwasher
25	01X140MA		Bolt
26	711851MA		Gasket
28	06X103MA		Bolt
29	690541MA		Tube, Right Exhaust
30	690542MA		Tube, Left Exhaust
31	690537E701MA		BRKT - MUFF MTG HP
32	093259MA		Muffler
33	690538E701MA		Bracket, Muffler
34	690401		Choke
35	015X68MA		Nut
36	26X201MA		Screw
37	093165MA		Control, Throttle
38	1001456-701		Shield Assembly, Heat
39	1001588MA		Plenum
40	1001620E701MA		GUARD-HEAT SHIELD-BLK
41	028X44		Speed Nut
43	26X277MA		Screw

Footnotes:

Note* For information on Replacement Parts for this engine contact the manufacturer.

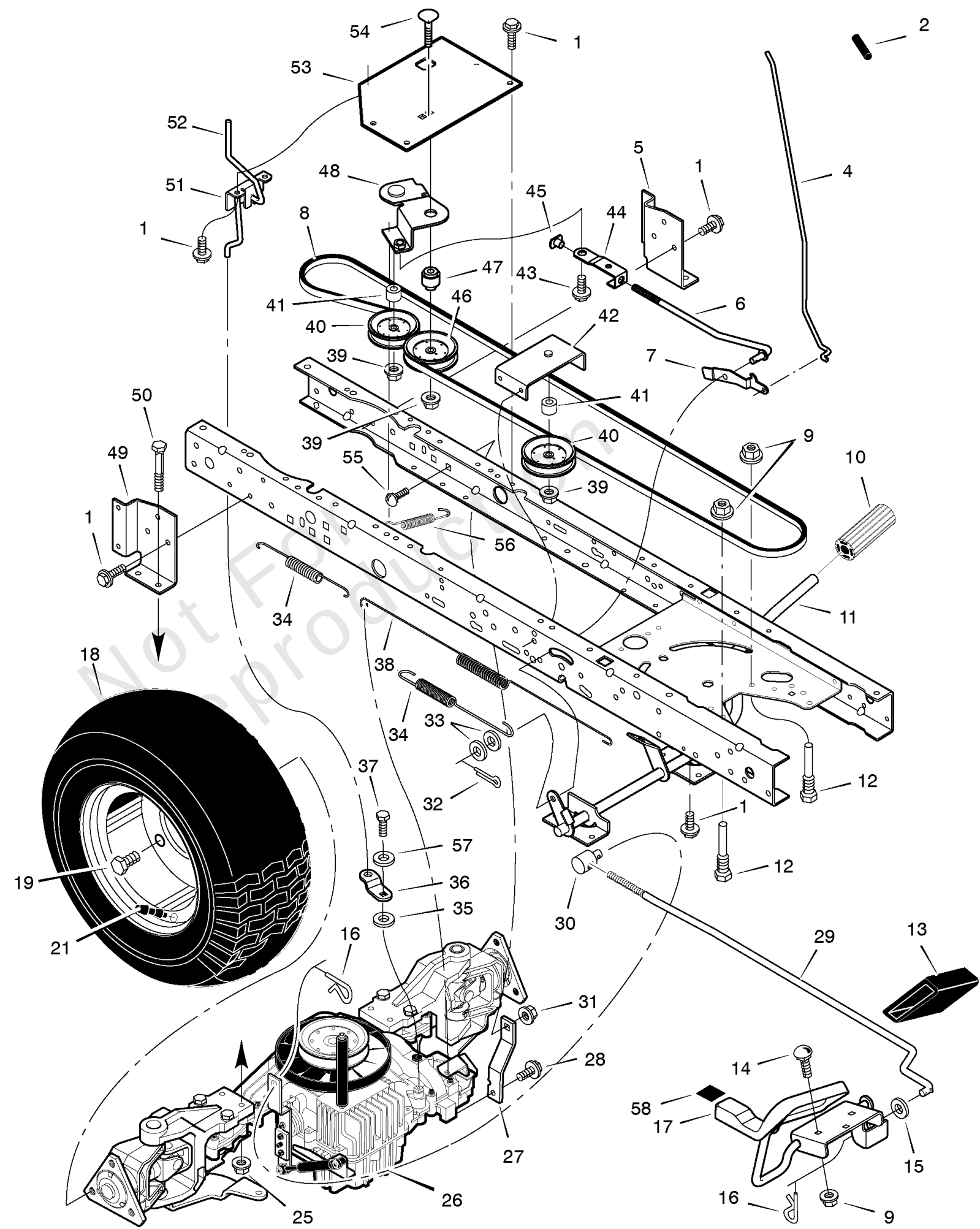


Motion Drive

REF NO	PART NO	QTY	DESCRIPTION
1	26X249MA		Screw
2	091079MA		Grip, Parking Brake
4	1001245 Z		Rod, Parking Brake
5	1001890E701		Bracket, Left Transaxle
6	1001013 Z		Rod, Clutch
7	094045 Z		Latch, Parking Brake
8	37X106MA		V-Belt, Drive
9	015X79MA		Nut, Flange
10	021544MA		Pedal, Brake/Clutch
11	1001011E701		Assembly, Brake Pedal
12	094384MA		Screw, Guide
13	094798		Pad, Pedal
14	002X53MA		Bolt, Carriage
15	017X57MA		Washer
16	0031X4MA		Pin, Hair
17	1001936E701		Pedal Assembly, Hydro
18	1001942804MA		Wheel & Tire Assembly
--	407926MA		Tire ONLY *
--	407049MA		Tube ONLY
19	181683MA		Screw
21	024373MA		VALVE STM&CP,TR41 SE
25	015X88MA		Nut, Centerlock
26	-----		Transaxle
27	1001085E701		Strap, Torque
28	26X216MA		Screw
29	1001929 Z		Rod, Control
30	092132ZMA		NUT, Adjusting
31	015X84MA		Nut, Centerlock
32	030X20MA		Pin, Cotter
33	017X48MA		Washer
34	165X92MA		Spring, Extension
35	17X148MA		Washer
36	1001086ZMA		ARM, Disconnect
37	06X105MA		Capscrew
38	165X150MA		Spring, Brake
39	015X98MA		Locknut, Flange
40	690409MA		Pulley, Idler
41	690369MA		Spacer
42	1001097E701		Bracket Assembly, Idler
43	009X49MA		Bolt, Shoulder
44	1001007 Z		Link, Clutch
45	1001014MA		Nut, Tee
46	690410MA		Pulley, Idler
47	1001012MA		Bushing, Pivot
48	1001018 Z		Arm Assembly, Idler
49	1001891E701		Bracket, Right Transaxle
50	01X118MA		Screw
51	1001214 Z		Bracket, Disconnect

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.



Motion Drive

REF NO	PART NO	QTY	DESCRIPTION
52	1001215ZMA		Rod, Disconnect
53	1001108E701		Bracket, Idler Pivot
54	002X92		Bolt, Carriage
55	002X78		Bolt, Carriage
56	165X155MA		Spring, Clutch
57	017X38MA		Washer
58	093249		Pad

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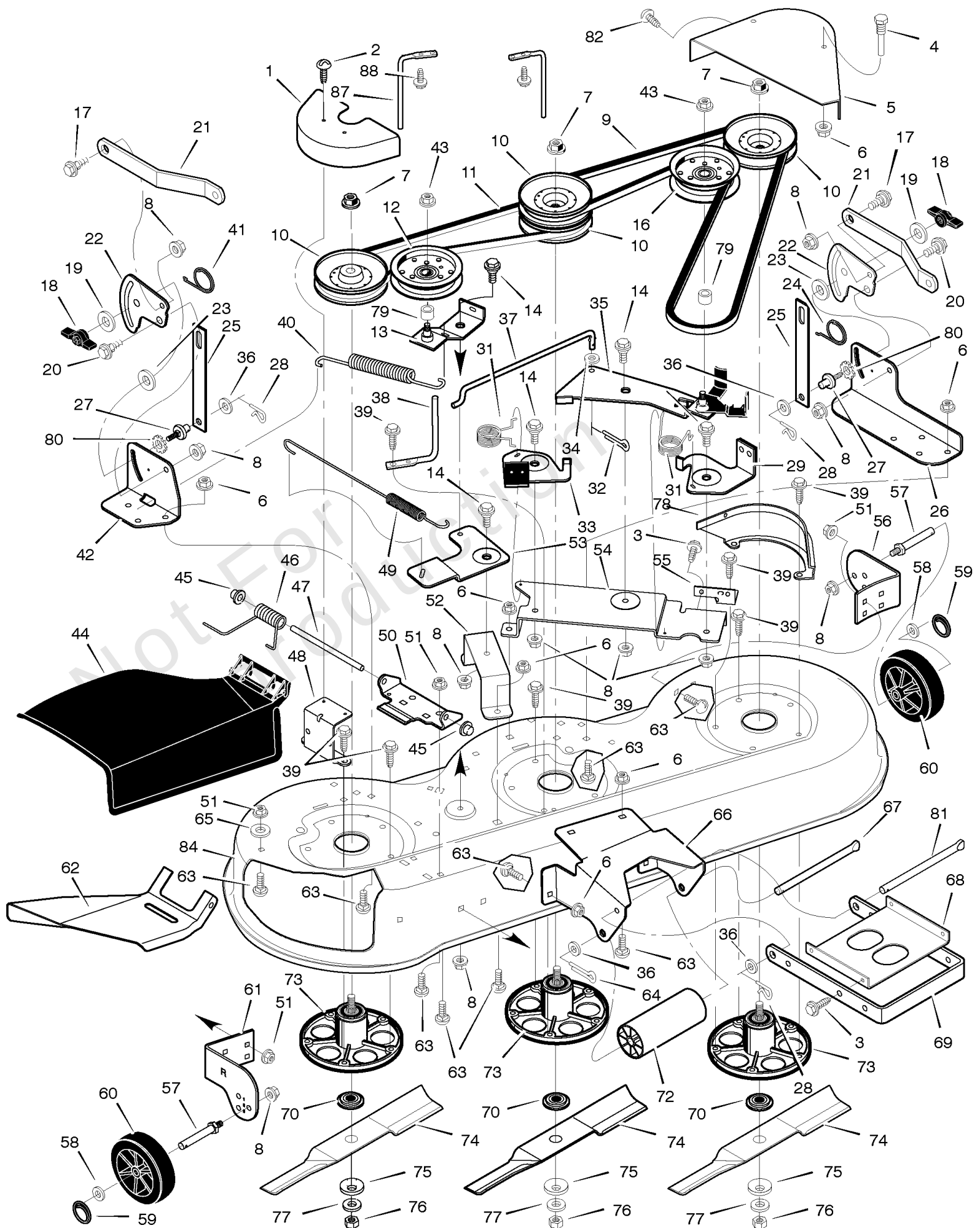
Footnotes:

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.

Mower Housing

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 468602x68A



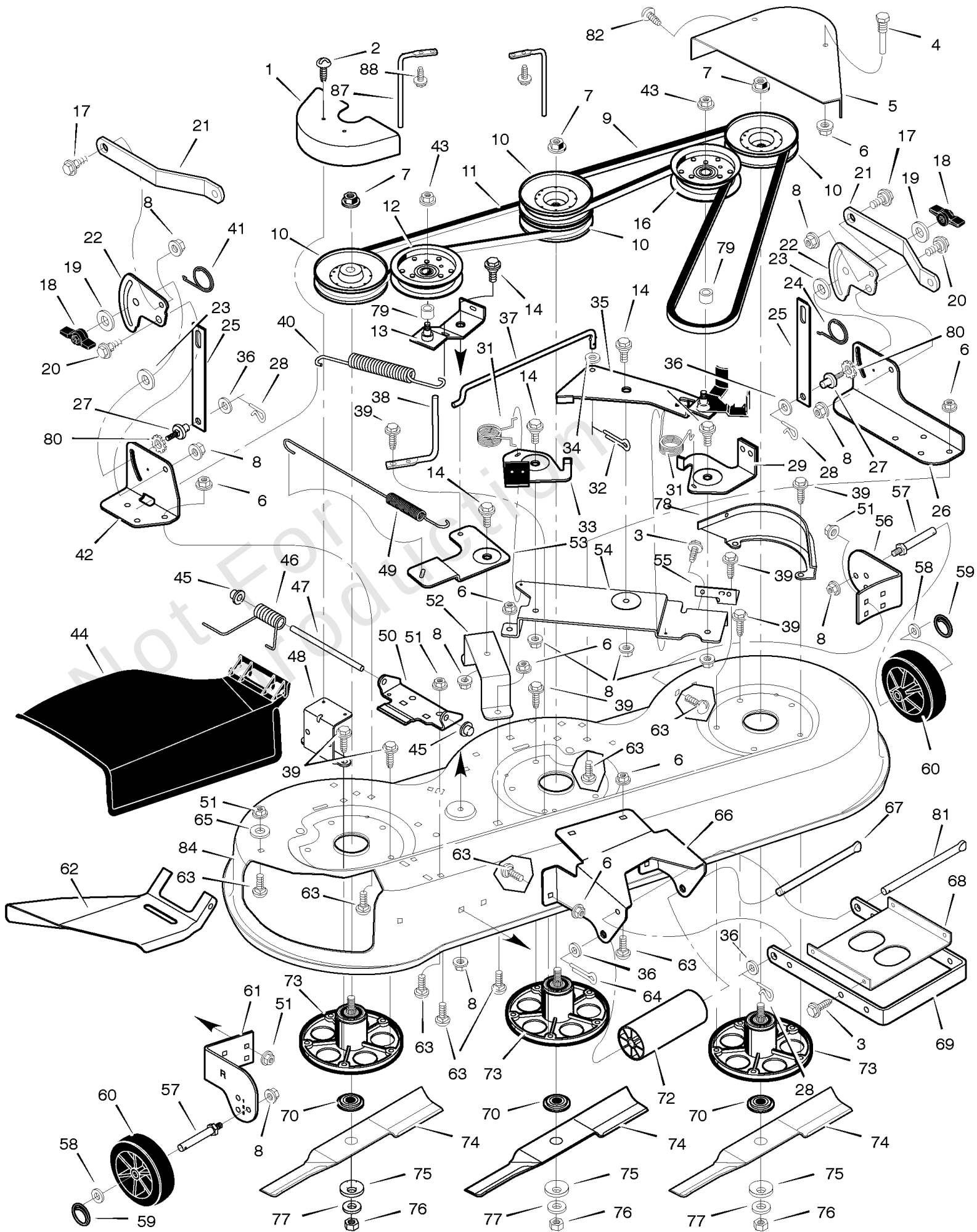
Mower Housing

REF NO	PART NO	QTY	DESCRIPTION
1	094607E701MA		Cover, Right Pulley
2	26X250MA		Screw
3	26X249MA		Screw
4	091754MA		Guide, Belt
5	094645E701MA		Cover, Left Pulley
6	015X79MA		Nut, Hex
7	15X140MA		Nut, Flange
8	015X84MA		Nut, Flange
9	037X89MA		Belt, Primary
10	094592MA		Pulley
11	037X66MA		Belt, Secondary
12	690549MA		Pulley, Idler
13	094639E701MA		Arm, Idler
14	009X39MA		Bolt, Shoulder
16	690387MA		Pulley, Idler
17	009X52MA		Bolt, Shoulder
18	094068MA		Knob
19	017X45MA		WASHER,FLAT .33 1. 16
20	009X51MA		BOLT-SHD.38-16X.499D
21	094055E701MA		Bracket, Rear Suspension
22	094128E700MA		Plate, Suspension
23	094137MA		FRICITION PAD
24	166X43MA		Spring
25	690212E701MA		LIFT LINK (LT)
26	094600E700MA		Bracket, Left Lift
27	095194		Pin, Hanger
28	0031X4MA		Pin, Hair
29	094640E701MA		Brake Assembly, Left
31	166X41MA		Spring
32	030X20MA		Pin, Cotter
33	094641E701MA		Brake Assembly, Right
34	017X47MA		Washer
35	690579E701MA		Idler, Arm
36	17X103MA		Washer
38	092116 Z		Guide, Belt
39	0025X7MA		Screw
40	165X79MA		Spring, Extension
41	166X42MA		Spring, Torsion
42	094598E701		Bracket, Suspension
43	015X98MA		Nut
44	092100MA		Deflector, Chute
45	028X23MA		Push On Cap
46	166X34MA		Spring, Torsion
47	092159ZMA		Rod, Deflector
48	092140E701MA		Bracket, Cover
49	165X120MA		Spring, Extension
50	092104E701MA		Bracket, Hinge
51	015X88MA		Nut, Flange
52	094601E701		Bracket, Bell Crank
53	094603E701MA		Crank, Bell
54	094596E701		Plate, Brake Arm

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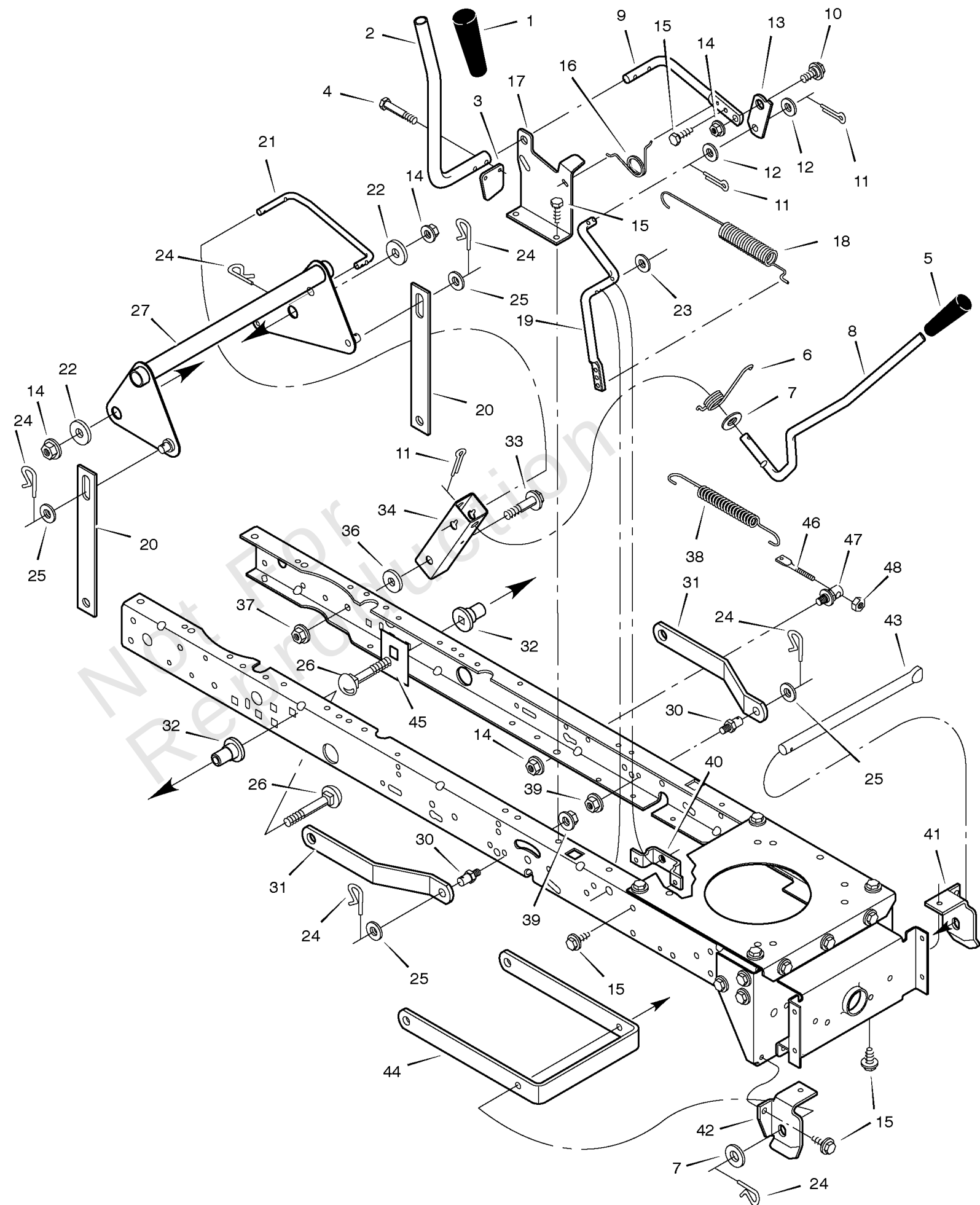
Mower Housing

REF NO	PART NO	QTY	DESCRIPTION
55	094602E701MA		Bracket, Brake Plate
56	094919E700		Bracket, Left Gauge Wheel
57	094025MA		BOLT, Gauge Wheel
58	017X91MA		Washer
59	031X11MA		Ring, Locking
60	092683MA		Wheel, Gauge
61	094918E701MA		Bracket, Right Gauge Wheel
62	092103E701MA		Deflector, Inside
63	002X53MA		Bolt, Carriage
64	030X49MA		Pin, Cotter
65	017X57MA		Washer
66	094997SEMA		Bracket, Front Deck
67	094996MA		Rod, Hanger
68	094604E701MA		Stiffener
69	690539E701MA		BRKT-FRT SUSPENSION
70	690411MA		Adapter, Blade
72	1001252MA		Roller
73	1001200MA		JACKSHAFT HSNG ASSY
74	1001508E701MA		SINGLE BLADE
75	17X166MA		Washer, Belleville
76	15X100MA		Nut
77	17X165MA		Washer
78	690221E701MA		Bracket, Pulley Cover
79	690369MA		Spacer
80	019X35MA		Washer
81	094996MA		Rod, Hanger
82	26X277MA		Screw
84	094936E701MA		Housing, Mower
87	091797 Z		Guide, Belt
88	025X15MA		Screw

Mower Housing Suspension

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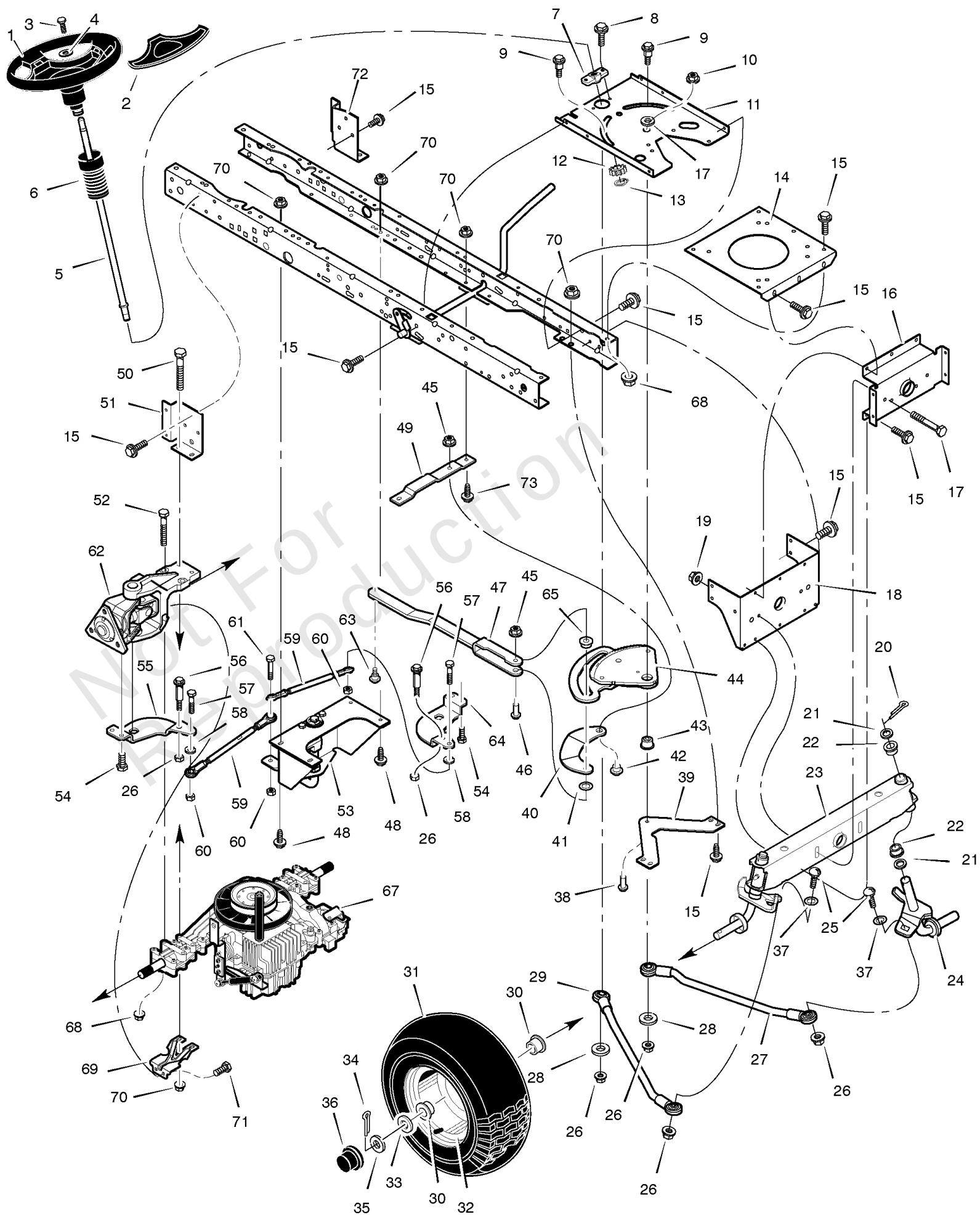
Mower Housing Suspension

REF NO	PART NO	QTY	DESCRIPTION
1	092698MA		Grip, PTO
2	094826 Z		Handle, PTO
3	094022 Z		Pad, Switch
4	0025X3MA		Screw, Hex
5	092697MA		Grip, Lift Lever
6	166X40MA		Spring
7	17X103MA		Washer
8	690533MA		Handle, 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	094018E701MA		Bracket, PTO
18	165X120MA		Spring
19	1001946E701		Crank, PTO
20	690212E701MA		LIFT LINK (LT)
21	690122E701MA		Link, Lift Handle
22	17X168ZMA		Washer
23	017X57MA		Washer
24	0031X4MA		Pin, Hair
25	017X91 Z		Washer
26	002X85MA		Bolt, Carriage
27	1001111E701MA		Lever Assembly, Lift
30	094067MA		Pin
31	094055E701MA		Bracket, Rear Suspension
32	690151MA		Spacer, Lifter
33	009X53MA		Bolt, Shoulder
34	094015E700		Bracket, Pivot
36	17X191MA		Washer
37	015X84MA		Nut, Flange
38	165X133MA		Spring
39	015X68MA		Nut, Flange
40	094005E701		Bracket, PTO
41	094027E701MA		Hanger, Left Deck
42	094026E701MA		Hanger, Right Deck
43	094158ZMA		Rod, Hanger
44	690539E701MA		BRKT-FRT SUSPENSION
45	1001098E700		Plate, Stiffening
46	094042ZMA		Stud, Spring Mount
47	690182MA		Stud, Swivel
48	015X88MA		Nut

Steering

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Steering

REF NO	PART NO	QTY	DESCRIPTION
1	1001981		Wheel, Steering
2	1001982MA		Cover, Steering Wheel
3	0025X3MA		Screw, Hex
4	17X146MA		Washer
5	690625		Shaft, Steering
6	092059MA		Cover
7	094124MA		Bearing, Lower Steering
8	26X267MA		Screw
9	009X62MA		Bolt, Shoulder
10	15X111MA		Nut, Flanged Lock
11	1001121E701MA		Plate, Steering
12	1001893		Gear, Pinion
13	011X25MA		Ring, Snap
14	094006E701MA		Plate, Engine
15	26X249MA		Screw
16	094007E701MA		Hanger, Axle
17	01X146MA		Bolt, Hex
18	1001270E701MA		Bracket, Rear Hanger
19	15X118MA		Nut, Flanged Lock
20	030X49MA		Pin, Cotter
21	17X113MA		WASHER.76-1.2 13G FL
22	690150MA		Bearing, Steering
23	1001460E701MA		Axle, Front
24	1001173E701MA		LEFT FRONT SPINDLE
--	1001175E701MA		Spindle Assembly, Right
25	002X96MA		Bolt, Carriage
26	015X84MA		Nut, Flanged Lock
27	1001177E701MA		Link, Left Drag
28	17X168ZMA		Washer
29	1001178E701MA		Link, Right Drag
30	091334		Bearing, Front Wheel
31	024380		Tire ONLY *
--	407924		Tube ONLY
32	094583-804		Wheel and Tire Assembly
33	17X195MA		Washer
34	030X49MA		Pin, Cotter
35	17X192MA		Washer
36	094618MA		HUB CAP
37	017X91MA		Washer
38	001X75MA		Bolt, Hex
39	1002014E701		Support, Sector Gear
40	1001886E701		Follower, Cam
41	17X175MA		Washer
42	009X81		Bolt, Shoulder
43	1001888		Bearing, Sector Gear
44	1001889		Sector Gear & Cam Assembly
45	015X87		Nut. Flanged Lock
46	009X80MA		Bolt, Shoulder

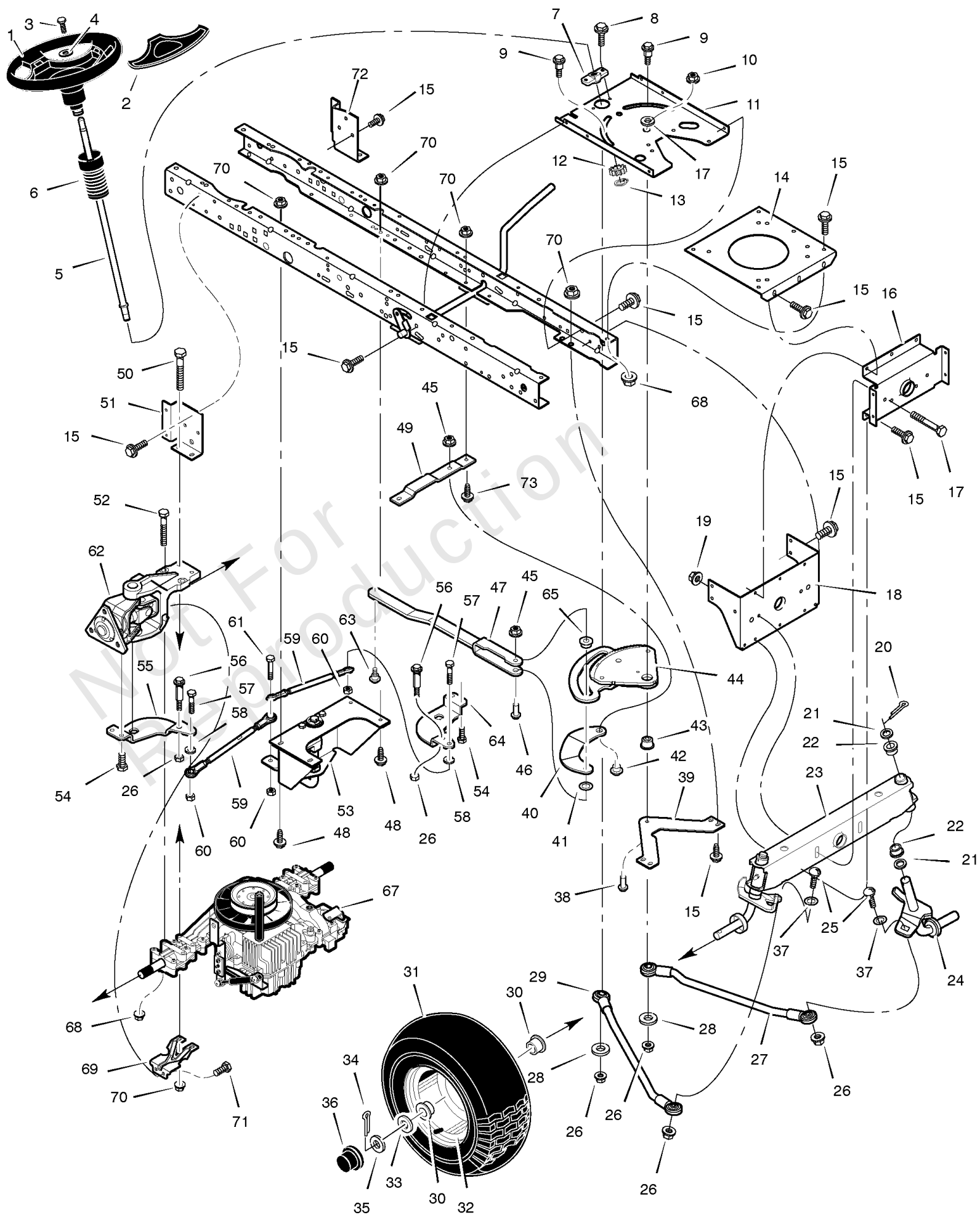
Footnotes:

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.

Steering

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Steering

REF NO	PART NO	QTY	DESCRIPTION
47	1001885E701		Link, Primary Drag
48	26X267MA		Screw
49	1001894E701		Member, Cam Cross
50	01X118MA		Bolt, Hex
51	1001891E701		Bracket, Right Transaxle
52	009X79		Bolt, Shoulder
53	1001950MA		Pivot Assembly, Rear
54	0025X6MA		Screw
55	304120E701		Arm, Right Rear
56	009X82		Bolt, Shoulder
57	001X70		Bolt, Hex
58	018X31MA		Washer, Split Lock
59	1001935		Rod Assembly, Tie
60	15X119		Nut, Lock
61	01X194		Bolt, Hex
62	1001931MA		Steering Assembly, Rear
63	009X81		Bolt, Shoulder
64	304121E701		Arm, Left Rear
65	1001882MA		Bushing, Cam
67	-----		Transaxle
68	015X88MA		Nut, Flanged Lock
69	1001944E701		Bracket, Transaxle Support
71	26X216MA		Screw
72	1001890E701		Bracket, Left Transaxle
73	025X22		Screw

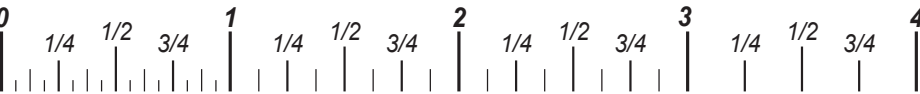
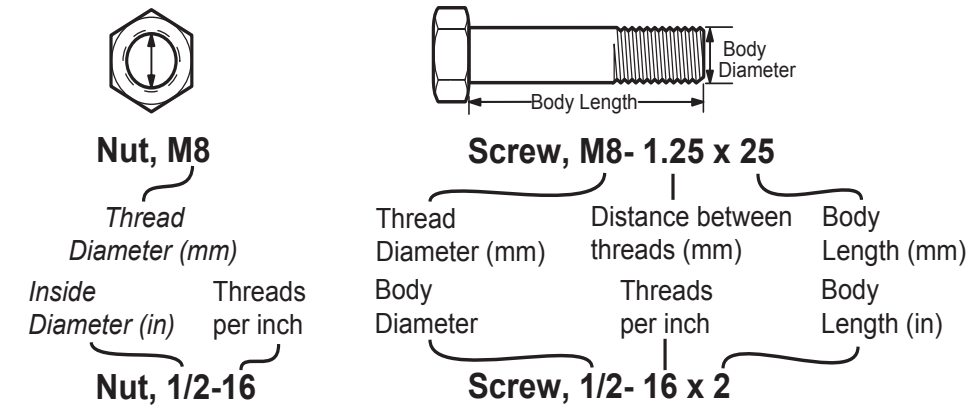
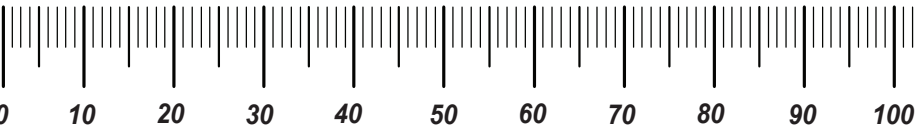
Footnotes:

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).

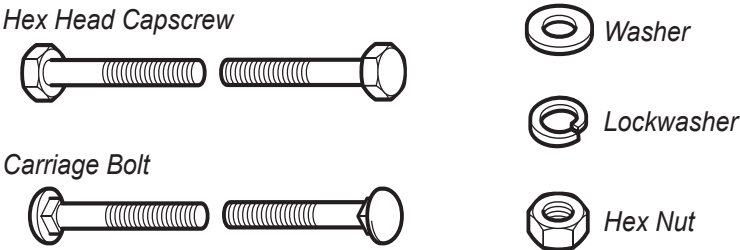
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

