



Parts Manual

Mfg. No: 465305x92A
Lawn Tractor (2002)

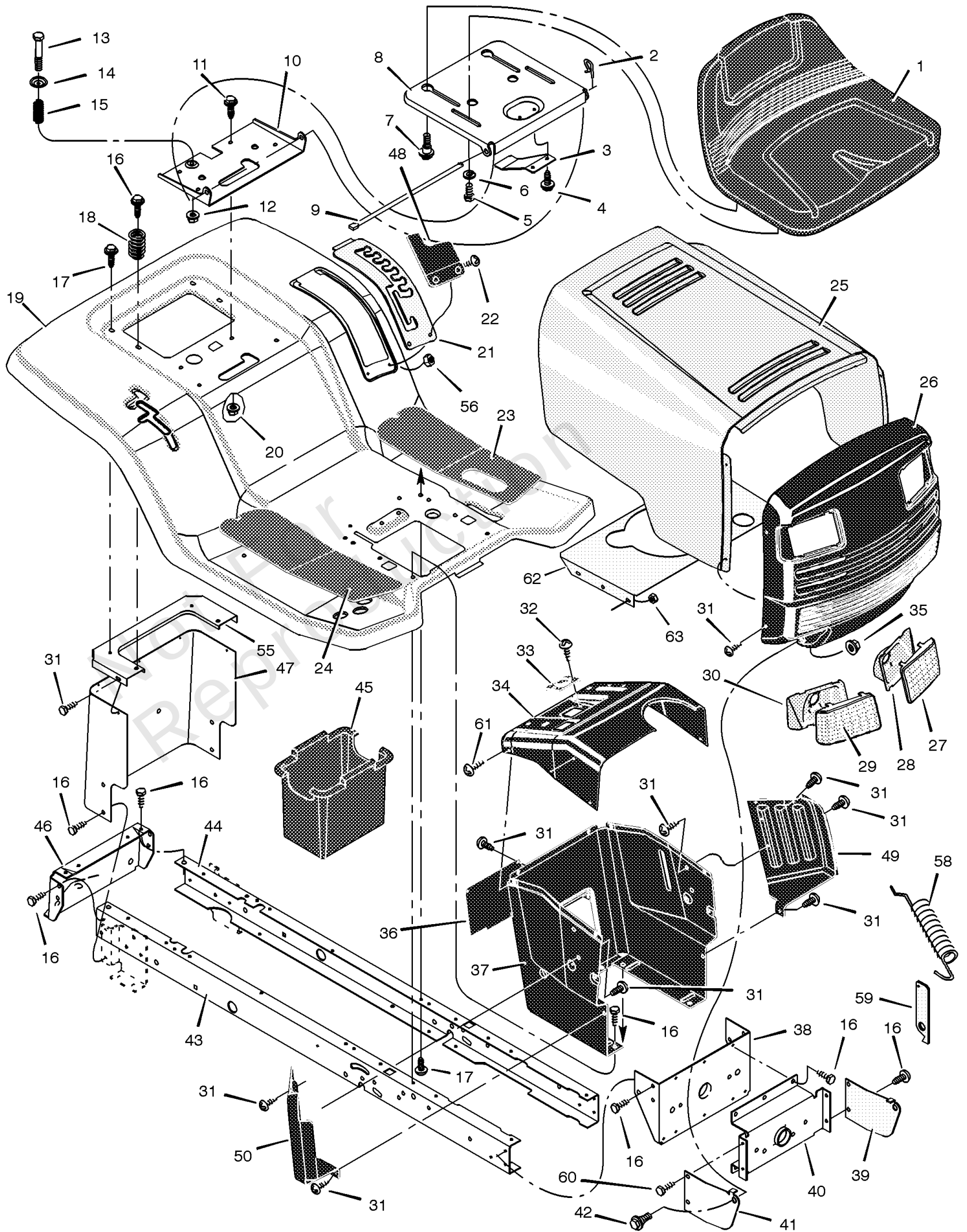
Model Components	Page
Chassis & Hood.....	4
Decals.....	8
Electrical System.....	10
Engine Mount.....	12
Motion Drive.....	14
Mower Housing.....	18
Mower Housing Suspension.....	22
Steering.....	24
Torque Specification Chart.....	26

Not For
Reproduction

Chassis & Hood

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 465305x92A



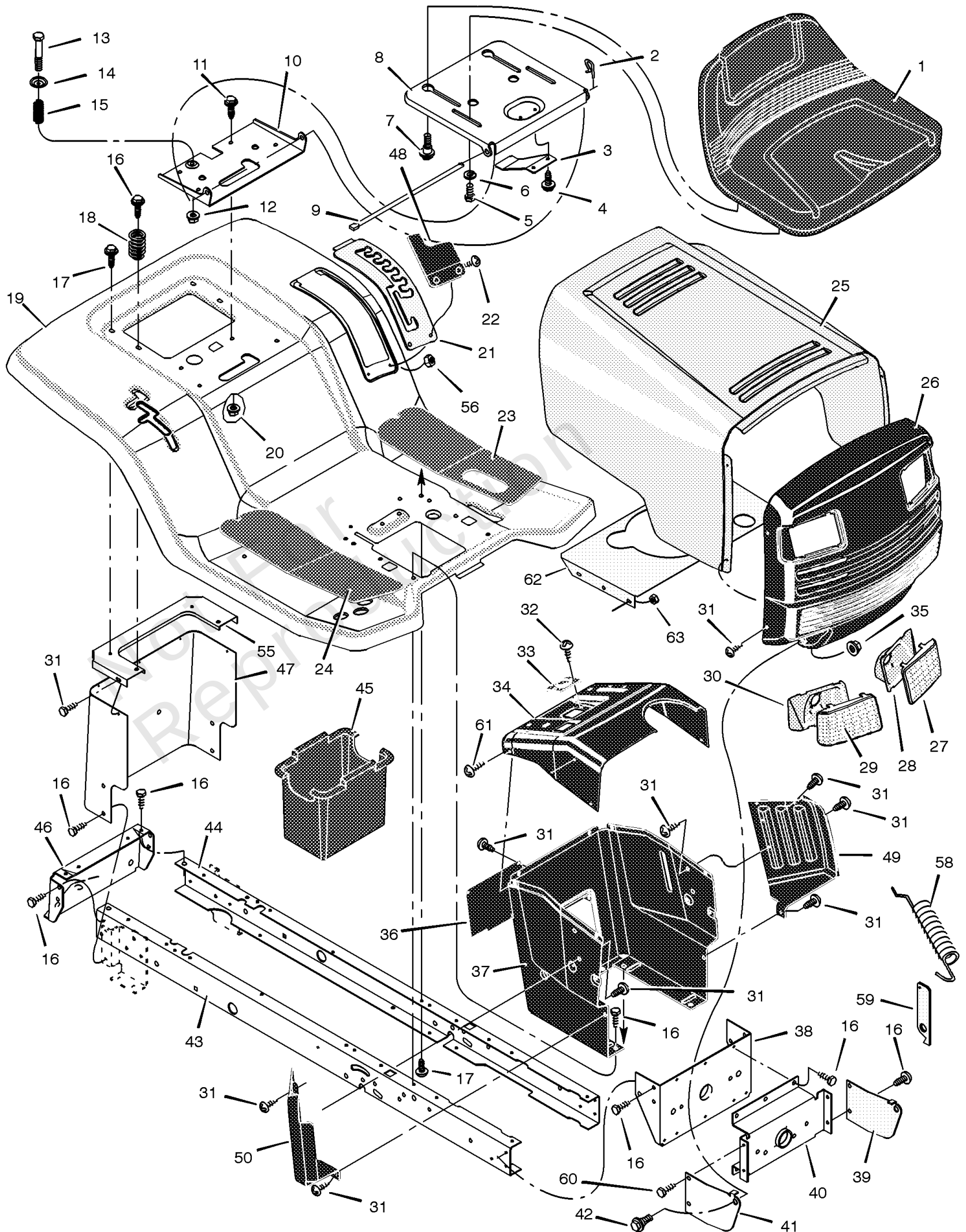
Chassis & Hood

REF NO	PART NO	QTY	DESCRIPTION
1	1001028MA		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	094153E700MA		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	1001115E276		Deck, Seat
20	015X88MA		Nut
21	094194E700		Plate, Index
22	009X47MA		Screw
23	1001143		Mat, Left
24	1001142		Mat, Right
25	094322E276		Hood
26	094087E700		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	094590E700		Dash
35	15X124		Nut
36	093007E700		Panel, Access
37	095318E700		Support, Dash
38	1001270E700MA		Bracket, Rear Hanger
39	094085E701MA		Support, Left Grille
40	094007E700		Axle, Hanger
41	094084E701MA		Support, Right Grille
42	009X58MA		Bolt, Shoulder
43	1001268E700		Frame, Right
44	1001269E700		Frame, Left
45	690424MA		Container, Battery
46	1001002E700		Plate, Hitch
47	690218E700		Plate, Rear
48	094680MA		Cover, Level Adjustment
49	095218E700MA		Panel, Left Side
50	095217E700		Panel, Right Side
55	094186E700		Plate, Rear

Chassis & Hood

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 465305x92A



Chassis & Hood

REF NO	PART NO	QTY	DESCRIPTION
56	015X81MA		NUT#10-24 MCLEANLOCK
58	165X124MA		Extension, Spring
59	094830 Z		Bracket
60	26X277MA		Screw
61	26X201MA		Screw
62	094113E701		Plenum
63	015X66MA		Nut
--	F-020720L		Book, Instruction

No
Diagram
Available

Parts List
Only

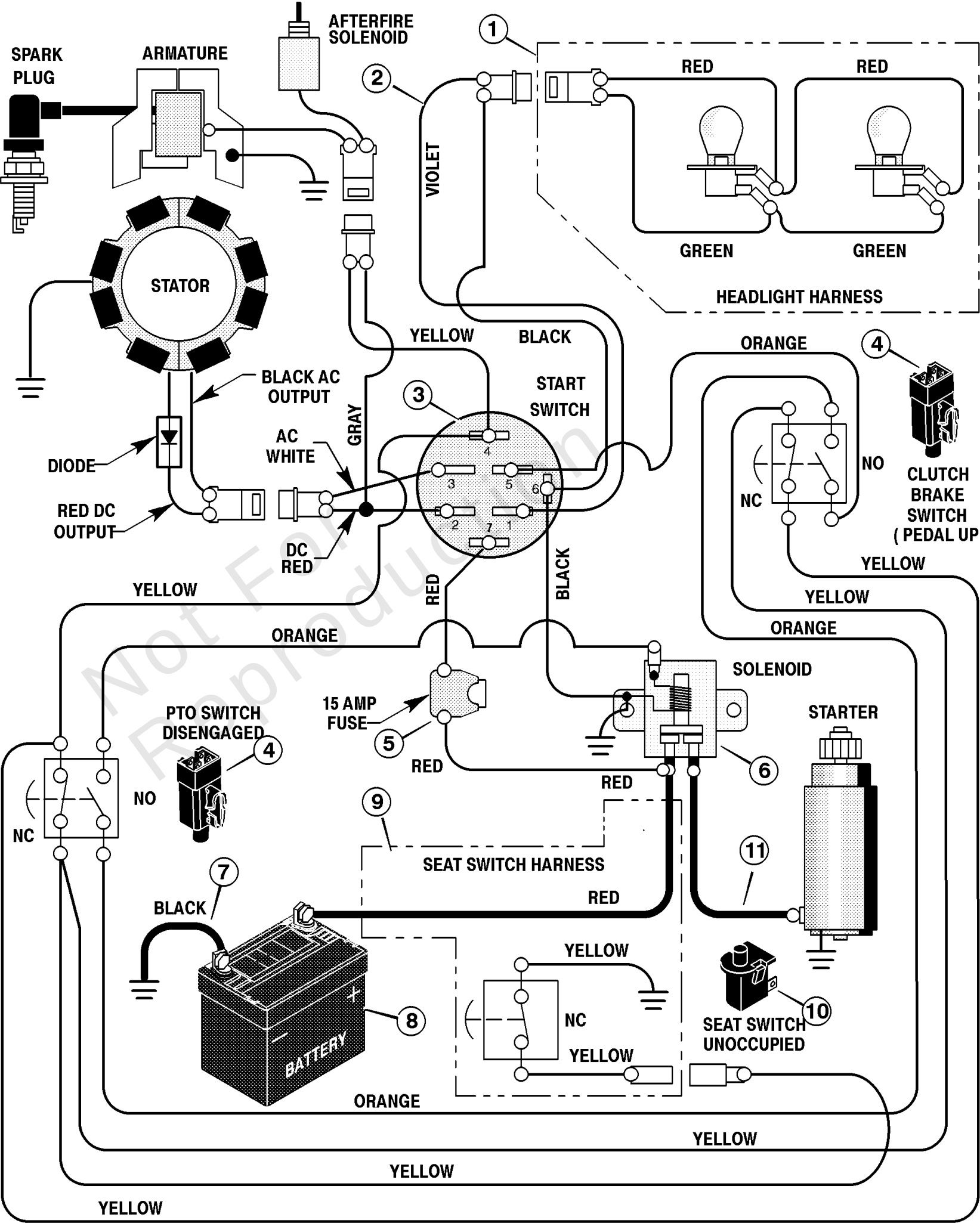
Decals

REF NO	PART NO	QTY	DESCRIPTION
	48X035	1	17.5 Hp B&S w/ Oil Filter
	48X236MA	1	Cut Finger (Mower Deck -Right Side)
	48X684	1	Murray 17.5/46 OHV (Hood -Side)
	48X685	1	Murray 17.5/46 OHV (Hood -Side)
	44X7325MA	1	Warning (Seat Deck - Middle)
	44X6600	1	Gage Wheel Instructions (Mower Deck - Left Side)
	44X6279	1	1-6 Height Adjust-Lift
	44X6870MA	1	No Step (Mower Deck -Left Side)
	48X360	1	3 Way (Mower Deck - Left Side)
	48X644	1	Wide Body LT (Seat Deck Rear Right)
	48X645	1	MURRAY (Seat Deck -Rear Center)
	44X6456MA	1	Deck Level Position -ONLY (Seat Deck -Left Side)
	44X7228MA	1	Gage Wheel Leveling (2)
	44X7535MA	1	Cutting Height (Seat Deck -Left Side)
	48X647	1	Overhead Valve (Top of Hood)
	48X3012	1	Service Decal (465305x92)
	48X686	1	Service Replacement Parts
	48X687	1	Variator (Seat Deck - Right Side)
	48X646	1	MURRAY
	48X740	1	Clutch/Brake (Footrest -Left)
	48X741	1	Drive (Footrest -Right)
	44X7568	1	Fuel Fill & All W1
	44X6670	1	Ignition & Park Brake
	44X6941	1	Throttle Control
	44X7190	1	Everstart Logo
	44X8063	1	Everstart

Electrical System

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 465305x92A



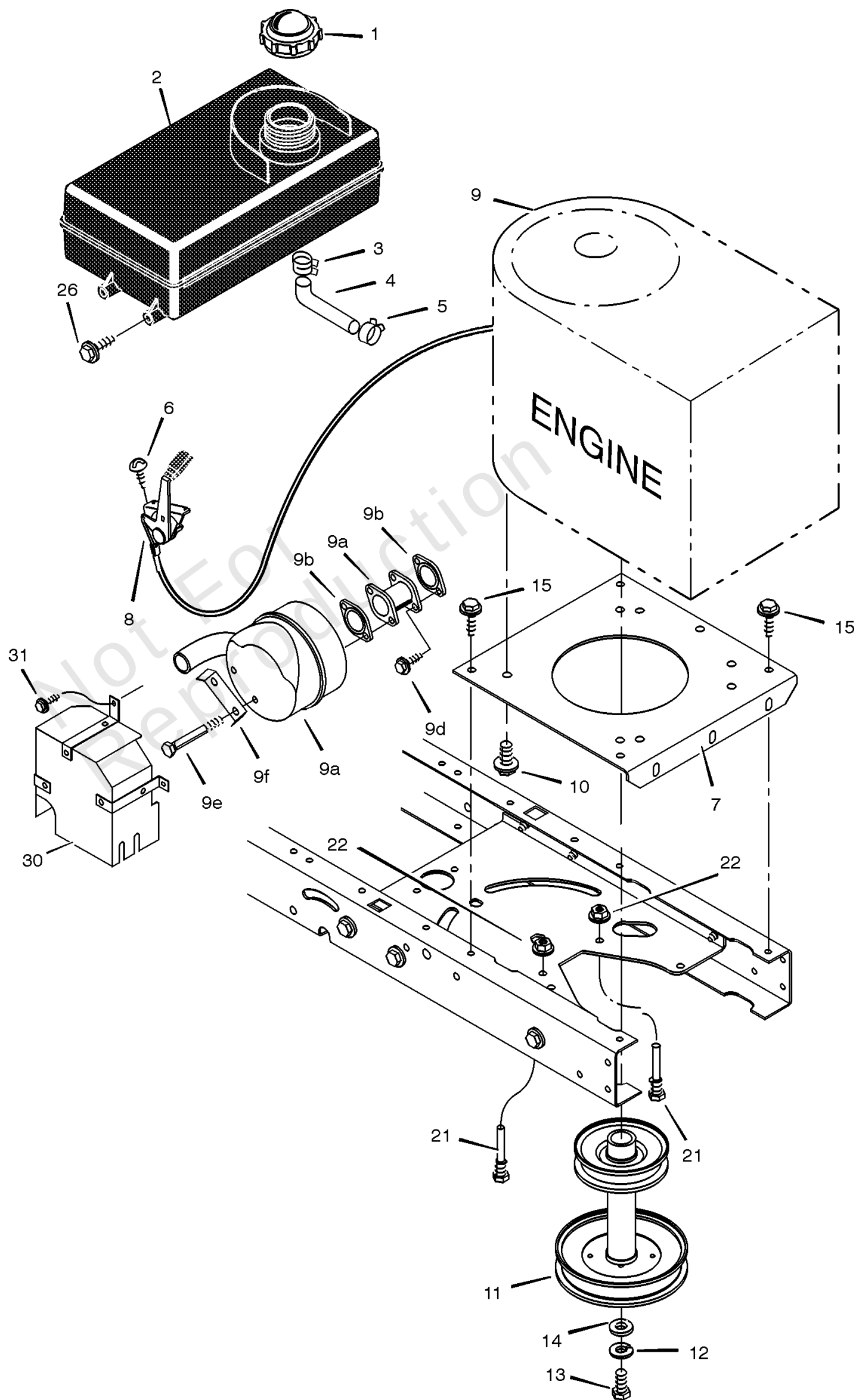
Electrical System

REF NO	PART NO	QTY	DESCRIPTION
1	250X92MA		Harness, Light Wire
--	092372		Socket, Light
--	090084MA		Bulb, Light
2	250X87MA		Harness, Chassis Wire
3	092556MA		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	024X32MA		Cable, Battery Ground
--	26X213MA		Screw, Ground Cable
8	021075		Battery
--	002X82MA		Bolt, Carriage
--	014X79MA		Wingnut
9	250X67MA		Harness, Seat Switch Wire
10	094159MA		Switch, Seat Sensor
11	024X31MA		Cable

Engine Mount

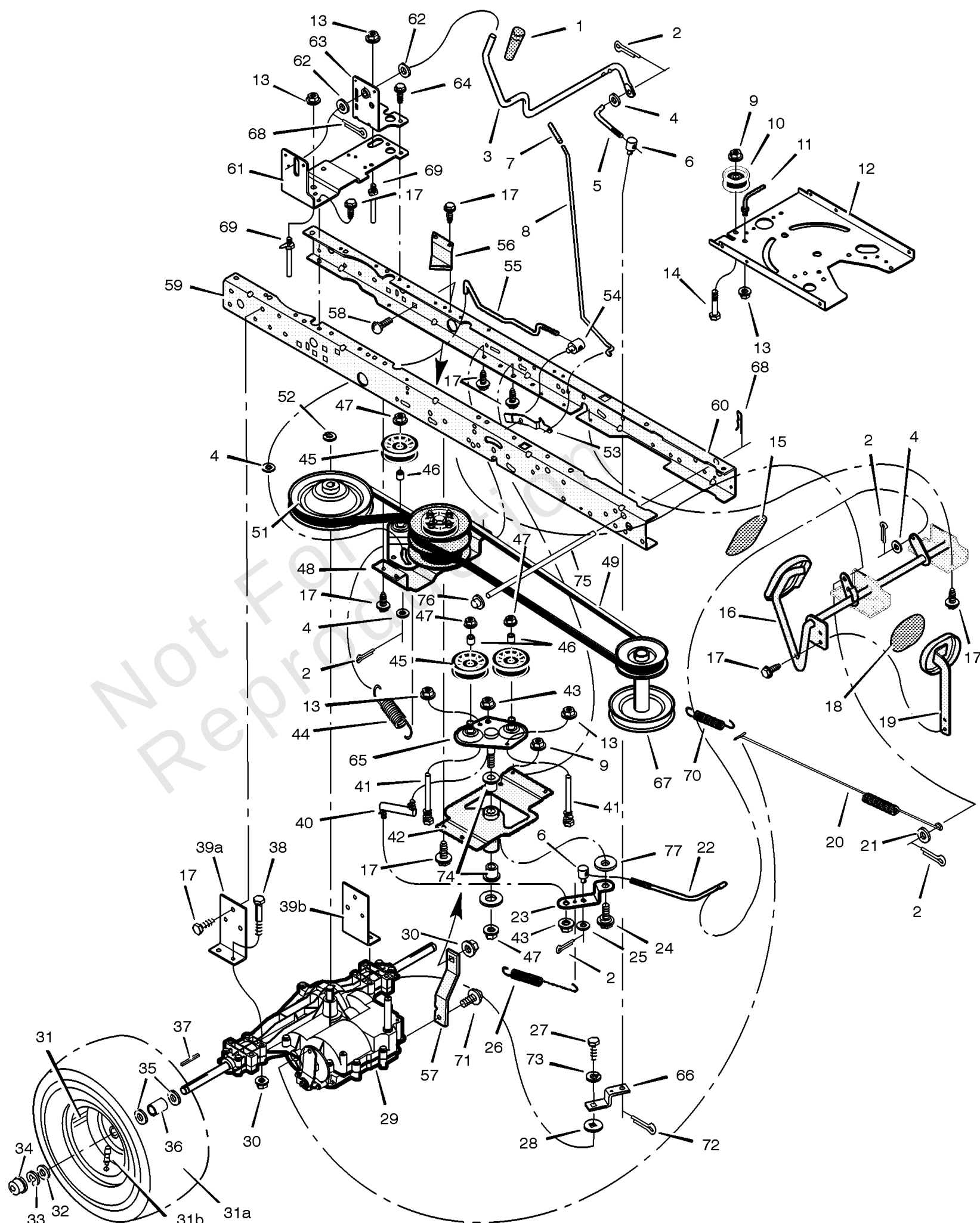
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 465305x92A



Engine Mount

REF NO	PART NO	QTY	DESCRIPTION
1	092317MA		FUEL CAP -(Included with Ref. No. 2)
2	7601092MA		TANK, Fuel 1.4 Gal.
3	095197MA		Hose Clamp -(Included with Ref. No. 2)
4	7601033MA		Fuel Line (Must cut to length) -(Included with Ref. No. 2)
5	095197MA		Hose Clamp
6	26X201MA		Screw
7	094006E700		Plate, Engine
8	091989		Throttle Control
9	-----		Engine
9A	690436MA		Muffler
9B	692236		GASKET, Exhaust
9C	095207MA		Adapter, Muffler
9D	06X103MA		Screw, Adapter
9E	009X59MA		Bolt, Muffler
9F	092378MA		LOCK-SCREW 223016
10	0025X7MA		Bolt, Engine Mount
11	1001136MA		Stack Pulley Assembly
12	019X35MA		Lockwasher
13	01X140MA		Bolt, Hex
14	17X170MA		WASHER.46.97.25 FLAT
15	26X249MA		Screw
21	091797 Z		Guide, Belt
22	015X79 Z		Nut, Flange
26	26X253MA		Screw
30	092550MA		Shield, Heat
31	26X263MA		SCREW.25-20 S-T

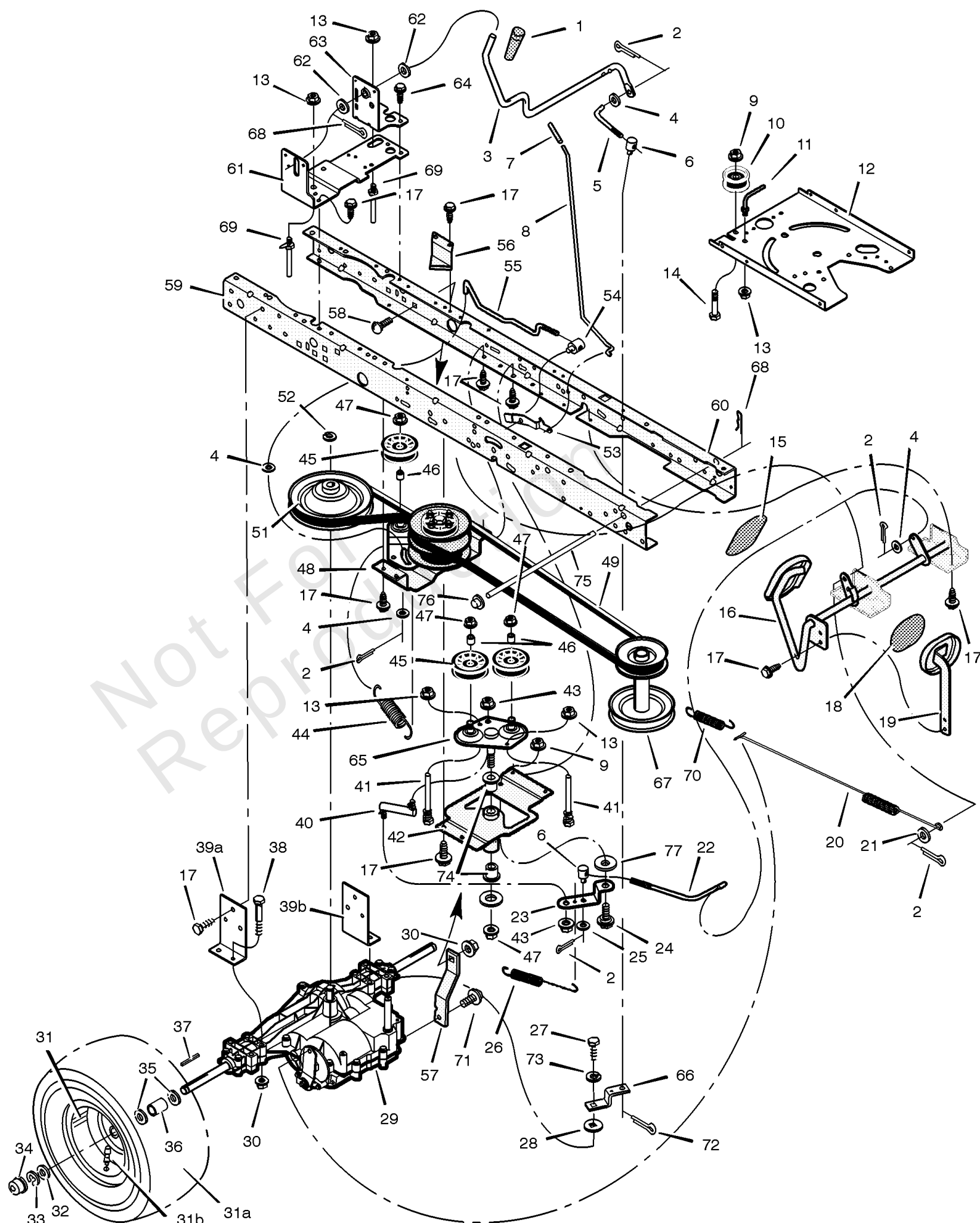


Motion Drive

REF NO	PART NO	QTY	DESCRIPTION
1	092697MA		Grip
2	030X20MA		Pin, Cotter
3	094043 Z		Lever, Shift
4	017X47MA		Washer
5	094044ZMA		Link, Shifter
6	021920ZMA		Nut, Adjuster
7	091079MA		Grip
8	1001245 Z		Rod, Parking Brake
9	015X84MA		Nut
10	1001187MA		Pulley, Idler
11	1001122		Guide, Belt
12	1001121E701MA		Plate, Steering
13	015X79MA		Nut
14	01X111MA		Bolt, Hex
15	1001138		Pad, Motion Drive
16	1001148E276		Assembly, Speed Control
17	26X249MA		Screw, Self Tapping
18	1001139		Pad, Brake Pedal
19	1001147E276		Assembly, Brake Pedal
20	165X115MA		Spring, Extension
21	17X169MA		Washer
22	1001120 Z		Rod, Speed Control
23	1001104 Z		Bellcrank
24	009X39MA		Bolt, Shoulder
25	17X124MA		Washer
26	165X152MA		Spring, Extension
27	06X105MA		Screw, Cap
28	17X148MA		Washer
29	-----		Transaxle
30	015X88MA		Nut
31	092290601		Assembly, Wheel and Tire
31A	092374MA		Tire *
31B	024373MA		VALVE STM&CP,TR41 SE
32	17X195MA		Washer
33	0011X3MA		RING, E .750D .050T
34	094618MA		HUB CAP
35	17X160MA		Washer
36	690554 Z		Spacer
37	021553MA		Key, Square
38	01X155MA		Bolt, Hex
39A	094184E701MA		Bracket, Right Transaxle
39B	094185E701MA		Bracket, Left Transaxle
40	1001406		Rod, Secondary Control
41	093349MA		GUIDE SCREW - ZINC
42	1001277E701		Bracket, Front Frame
43	015X87		Nut, Lock
44	165X153MA		Spring, Extension
45	690409MA		Pulley

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
46	690369MA		Spacer
47	015X98MA		Nut
48	1001133MA		Assembly, Variator and Idler
49	37X112MA		Belt, Primary
50	37X113MA		Belt, Secondary
51	1001106MA		Pulley, Transaxle
52	0011X7MA		Ring, Snap
53	094045 Z		Latch, Parking Brake
54	094815ZMA		NUT-ADJUSTING
55	1001145 Z		Rod, Clutch
56	1001135		Bracket, Brake
57	094433E701MA		BRACKET, Torque Strap, LH
58	002X53MA		Screw
59	1001268E701		Rail, Right Frame
60	1001269E701MA		RAIL-FRAME LH
61	1001302E701		Bracket, Right Shift
62	17X102MA		Washer
63	1001303 Z		Bracket, Shift Pivot
64	26X267MA		Screw
65	1001132 Z		Assembly, Idler
66	094031ZMA		Yoke, Shift
67	1001136MA		Pulley, Stack
68	0031X4MA		Pin, Hair
69	1001308		Guide, Belt
70	165X75MA		Spring, Return
71	26X216MA		Screw
72	0031X6MA		Pin, Hair
73	017X38MA		Washer
74	1101159MA		Spacer
75	1001267 Z		Rod, Belt Guide
76	028X23MA		Nut, Push-On
77	17X174 HT		Washer

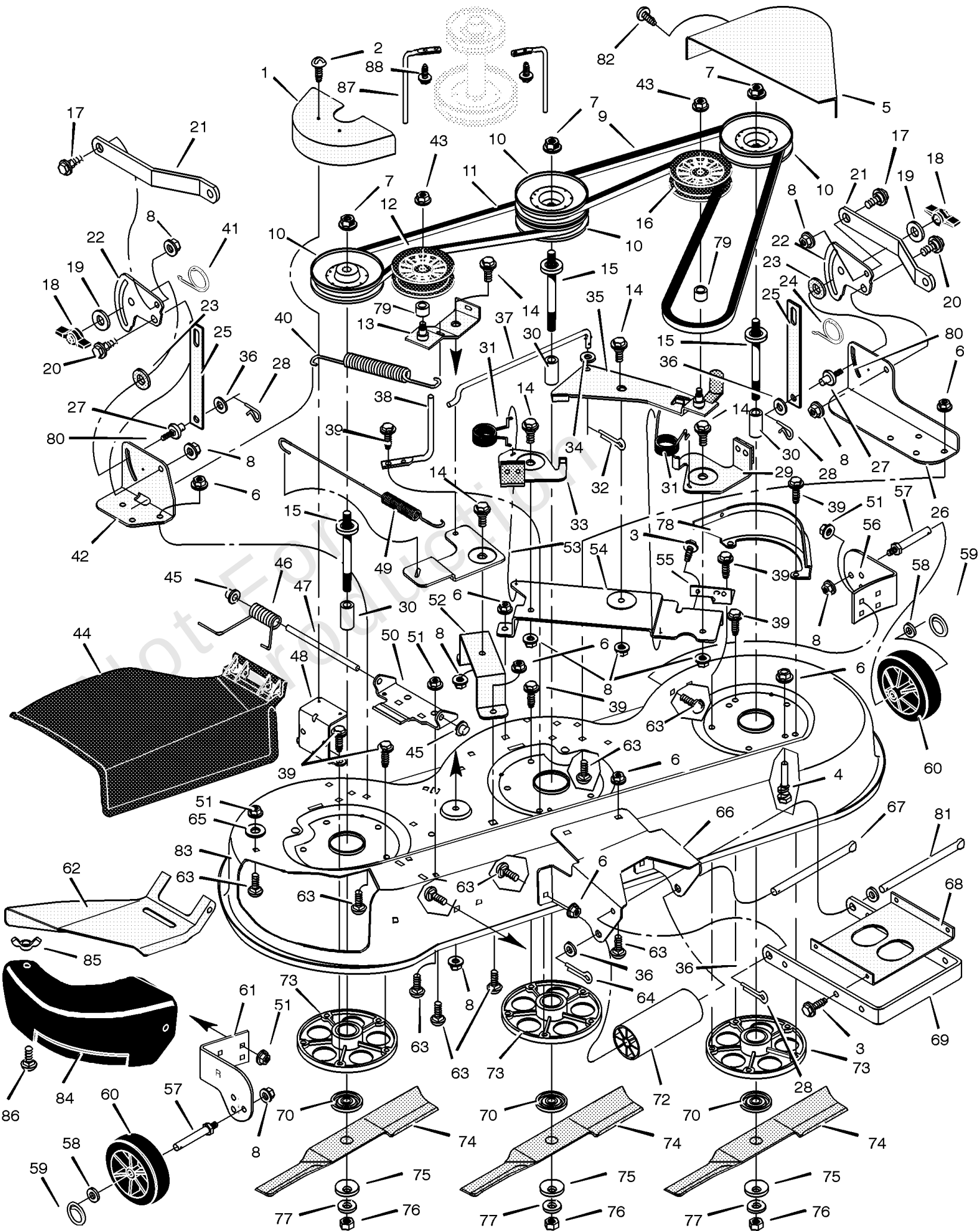
Footnotes:

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: 465305x92A



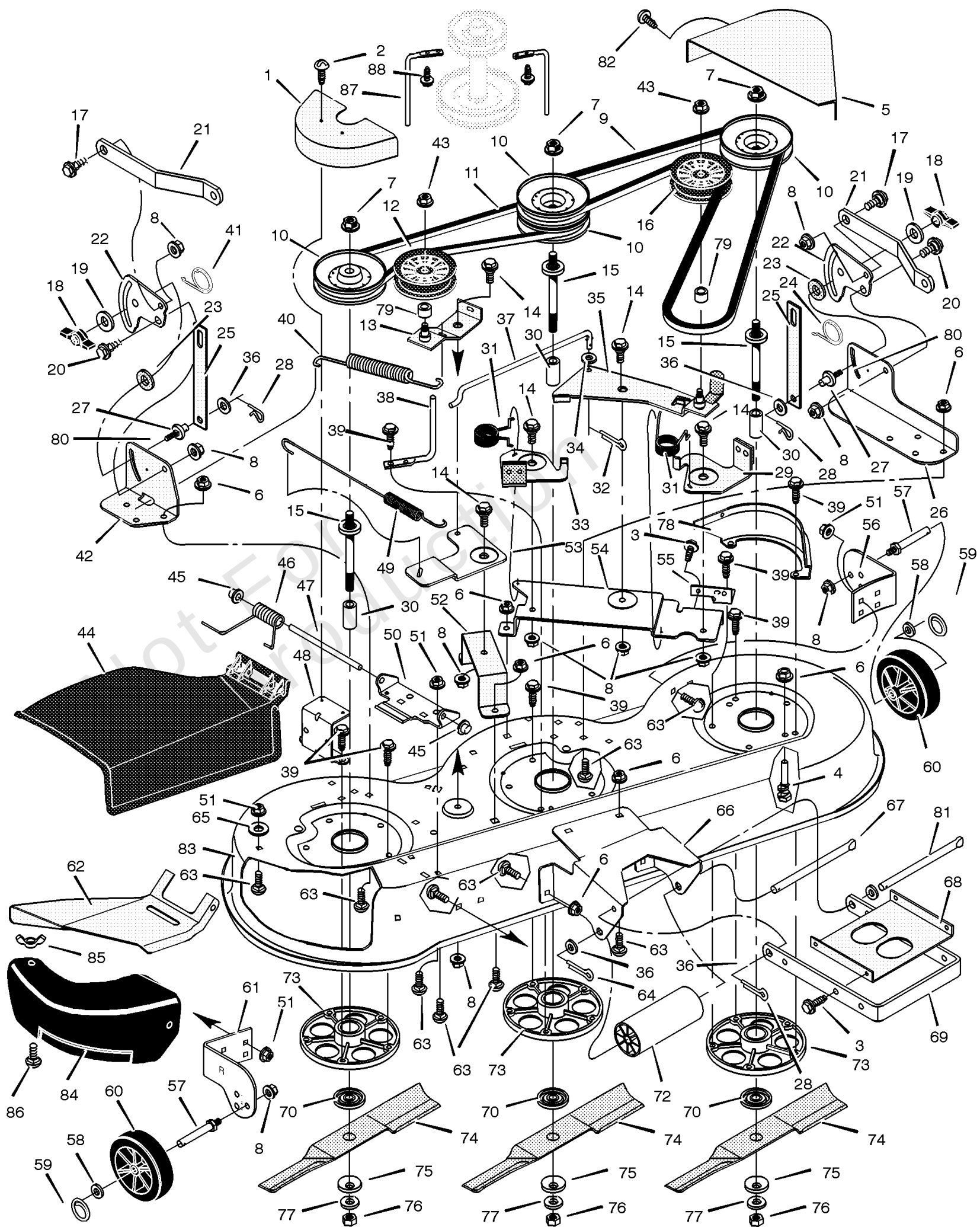
Mower Housing

REF NO	PART NO	QTY	DESCRIPTION
1	094607E700		Cover, Right Pulley
2	26X250MA		Screw
3	26X249MA		Screw
4	091754 Z		Guide, Belt
5	094645E700		Cover, Left Pulley
6	015X79MA		Nut, Hex
7	15X121		Nut, Flange
8	015X84MA		Nut, Flange
9	037X89MA		Belt, Primary
10	094592MA		Pulley
11	037X66MA		Belt, Secondary
12	690549MA		Pulley, Idler
13	094639E700		Arm, Idler
14	009X39MA		Bolt, Shoulder
15	094129		Shaft, Splined
16	690387MA		Pulley, Idler
17	009X52MA		Bolt, Shoulder
18	094068MA		Knob
19	017X45 Z		Washer
20	009X51MA		BOLT-SHD.38-16X.499D
21	094055E700		Bracket, Rear Suspension
22	094128E700MA		Plate, Suspension
23	094137MA		FRICITION PAD
24	166X43MA		Spring
25	690212E700		Link, Lift
26	094600E700MA		Bracket, Left Lift
27	095194		Pin, Hanger
28	0031X4MA		Pin, Hair
29	094640E700		Brake Assembly, Left
30	094130MA		Spacer
31	166X41MA		Spring
32	030X20MA		Pin, Cotter
33	094641E700		Brake Assembly, Right
34	017X47MA		Washer
35	690579E700MA		Idler, Arm
36	17X103MA		Washer
37	094606 Z		Link, Bell Crank
38	092116 Z		Guide, Belt
39	0025X7MA		Screw
40	165X79MA		Spring, Extension
41	166X42MA		Spring, Torsion
42	094598E700		Bracket, Suspension
43	015X98MA		Nut
44	092100MA		Deflector, Chute
45	028X23MA		Push On Cap
46	166X34MA		Spring, Torsion
47	092159ZMA		Rod, Deflector
48	092140E700		Bracket, Cover
49	165X120MA		Spring, Extension
50	092104E700		Bracket, Hinge
51	015X88MA		Nut, Flange

Mower Housing

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 465305x92A



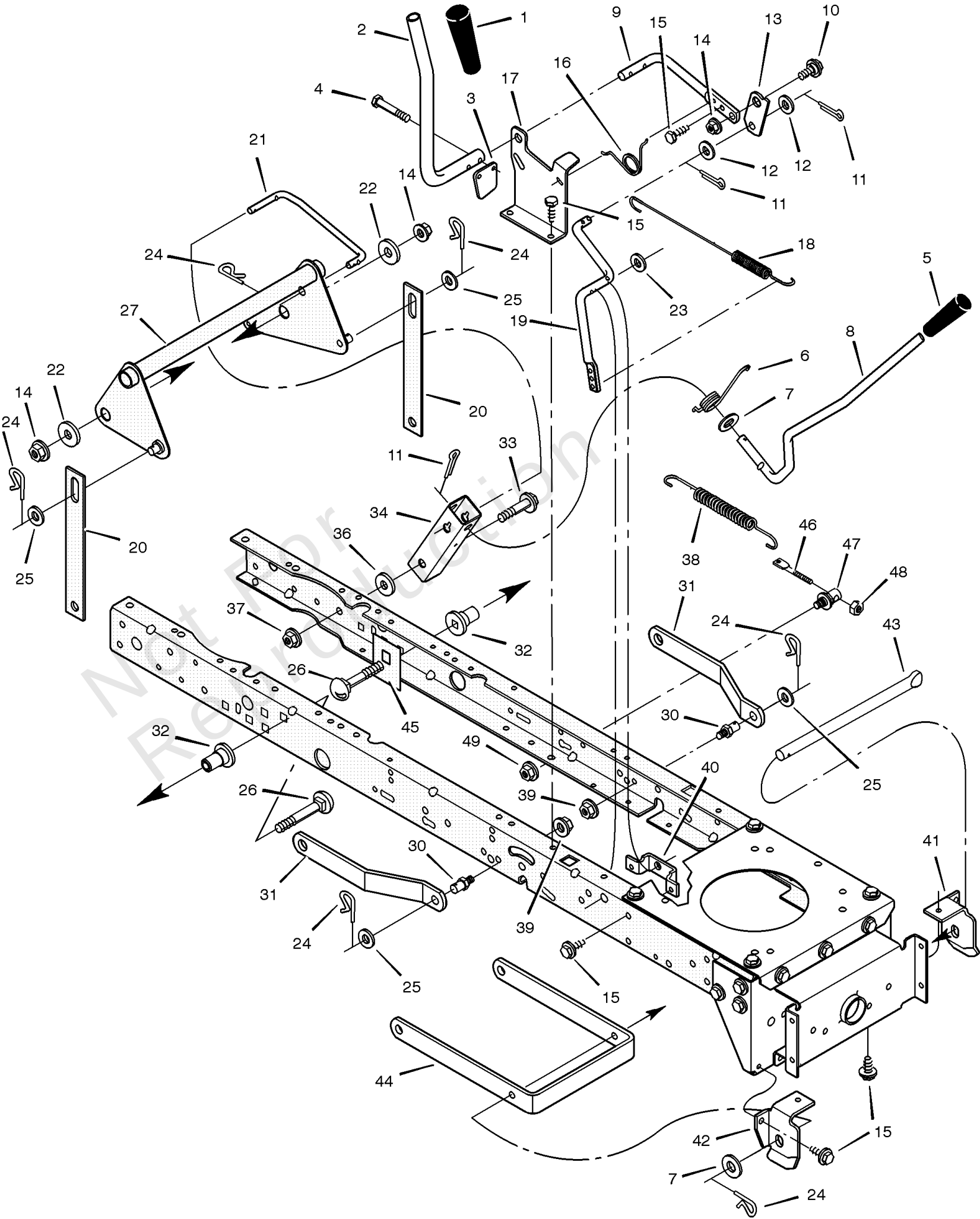
Mower Housing

REF NO	PART NO	QTY	DESCRIPTION
52	094601E700		Bracket, Bell Crank
53	094603E700		Crank, Bell
54	094596E700		Plate, Brake Arm
55	094602E700		Bracket, Brake Plate
56	094919E700		Bracket, Left Gauge Wheel
57	094025MA		BOLT, Gauge Wheel
58	017X91 Z		Washer
59	031X11MA		Ring, Locking
60	092683MA		Wheel, Gauge
61	094918E700		Bracket, Right Gauge Wheel
62	092103E700		Deflector, Inside
63	002X53MA		Bolt, Carriage
64	030X49MA		Pin, Cotter
65	017X57MA		Washer
66	094997E700		Bracket, Front Deck
67	094996MA		Rod, Hanger
68	094604E700		Stiffener
69	690539E700		Bracket, Suspension
70	1001035		Adapter, Blade
72	1001252MA		Roller
73	1001049		Housing, Jackshaft
74	056631E701MA		SINGLE BLADE
75	17X166MA		Washer, Belleville
76	15X100MA		Nut
77	17X165MA		Washer
78	690221E700		Bracket, Pulley Cover
79	690369MA		Spacer
80	019X35MA		Washer
81	094996MA		Rod, Hanger
82	26X277MA		Screw
83	094936E700		Housing, Blade -(Includes Ref. No. 17, 18, 30, 31, 32, 33, 45, 46, 53, 54, 55, and 56)
84	095086MA		Cover, Mulch
85	014X86MA		Wingnut
86	002X64MA		Bolt, Carriage
87	091797 Z		Guide, Belt
88	025X15MA		Screw

Mower Housing Suspension

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 465305x92A



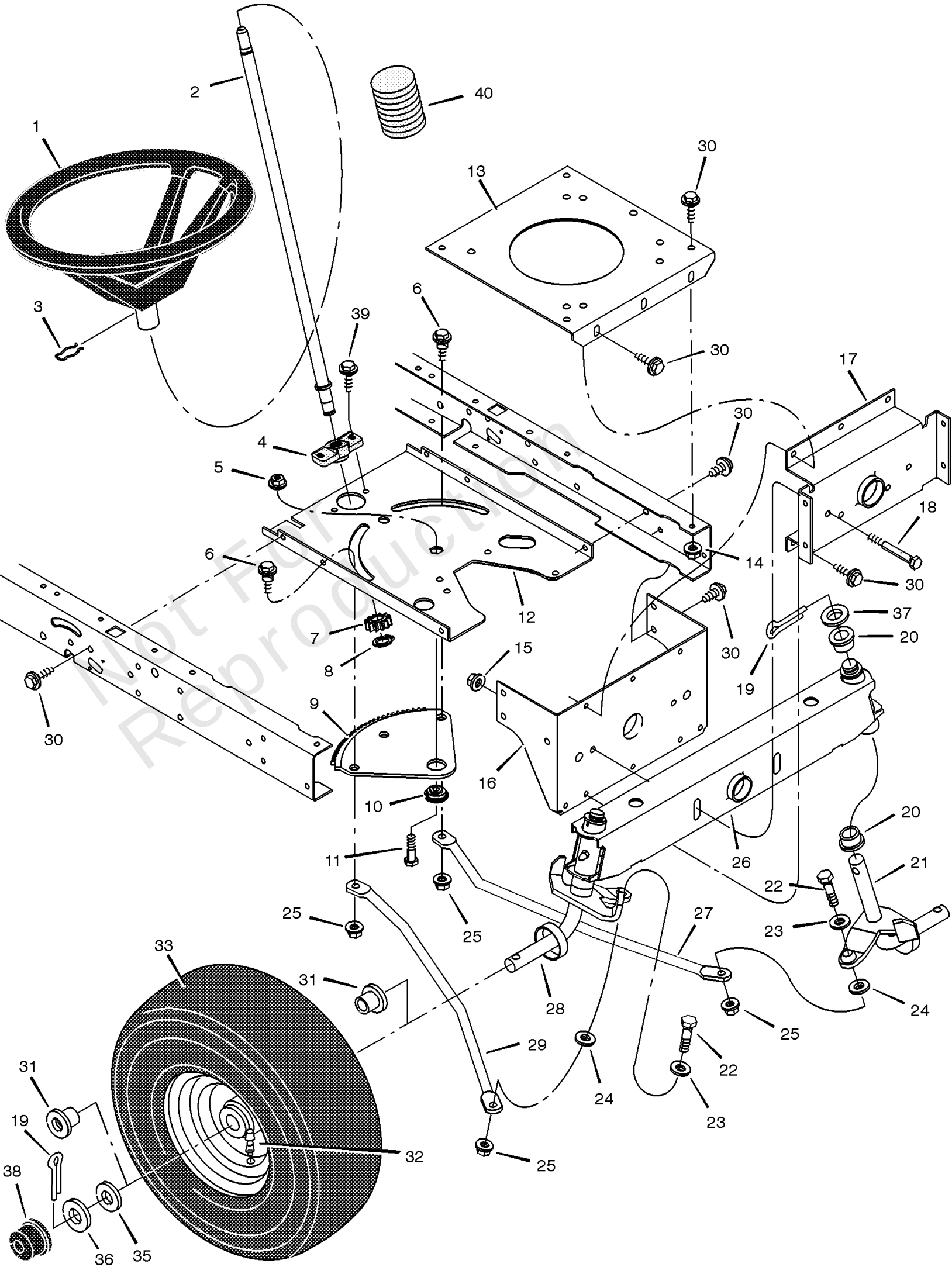
Mower Housing Suspension

REF NO	PART NO	QTY	DESCRIPTION
1	092698MA		Grip
2	094100 Z		Handle, PTO
3	094022 Z		Pad, Switch
4	0025X3MA		Screw, Hex
5	092697MA		Grip
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	094018E700		Bracket, PTO
18	165X120MA		Spring
19	690394E700		Crank, PTO
20	690212E700		Link, Lift
21	690122E700		Link, Lift Handle
22	17X168ZMA		Washer
23	017X57MA		Washer
24	0031X4MA		Pin, Hair
25	017X91 Z		Washer
26	002X85MA		Bolt, Carriage
27	1001111E700MA		Lever Assembly, Lift
30	094067MA		Pin
31	094055E700		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	094005E700		Bracket, PTO
41	094027E700		Hanger, Left Deck
42	094026E700		Hanger, Right Deck
43	094158ZMA		Rod, Hanger
44	690539E700		Bracket, Suspension
45	1001098		Plate, Stiffening
46	094042ZMA		Stud
47	690182MA		Stud, Swivel
48	015X79MA		Nut
49	015X84MA		Nut

Steering

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 465305x92A



Steering

REF NO	PART NO	QTY	DESCRIPTION
1	094591		Wheel, Steering
2	690337MA		Post, Steering
3	094131MA		Clip, Retainer
4	094124MA		Bearing -(Included with Ref. No. 2)
5	15X111MA		Nut, Flange
6	009X57MA		Bolt, Shoulder
7	690183E700		Gear, Pinion -(Included with Ref. No. 2)
8	011X25MA		Ring, Snap -(Included with Ref. No. 2)
9	094121E700		Gear, Sector
10	094123MA		Bearing
11	001X84MA		CAPSCREW, Hex Head, 5/16-18 x 1
12	1001121E700		Plate, Steering
13	094006E700		Plate, Engine
14	015X88MA		Nut, Flange
15	15X118MA		Nut, Flange
16	1001270E700MA		Bracket, Hanger
17	094007E700		Axle, Hanger
18	01X146MA		Bolt
19	030X49MA		Pin, Cotter
20	690150MA		Bearing
21	094576E700		Spindle Assembly, Left
22	01X111MA		Bolt
23	17X104MA		Washer
24	017X53 Z		Washer
25	015X84MA		Nut, Flange
26	690211E700		Axle Assembly
27	095329E700		Drag Link, Left
28	094575E700		Spindle Assembly, Right
29	095328E700		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)

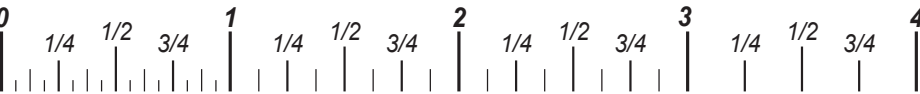
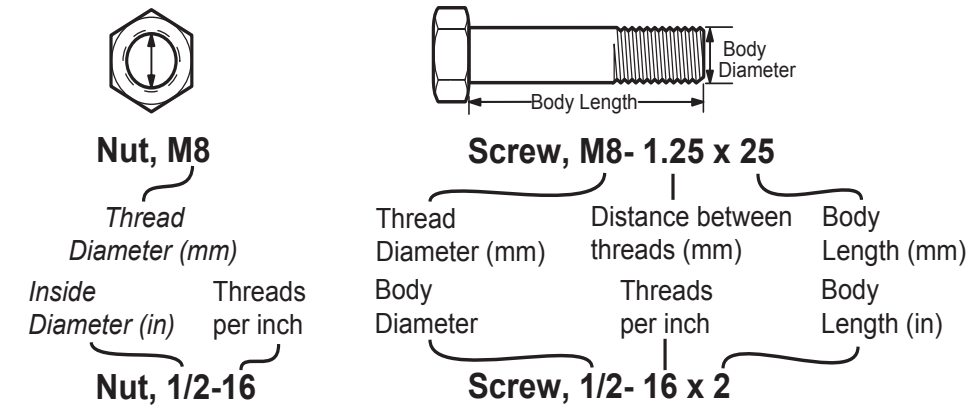
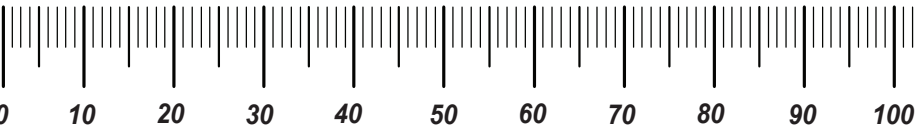
Footnotes:

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).

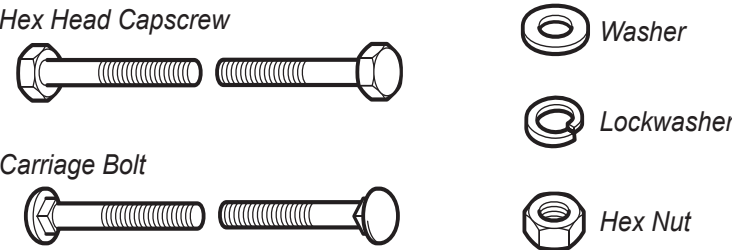
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

