



Parts Manual

Mfg. No: 46904x192A
Lawn Tractor (1996)

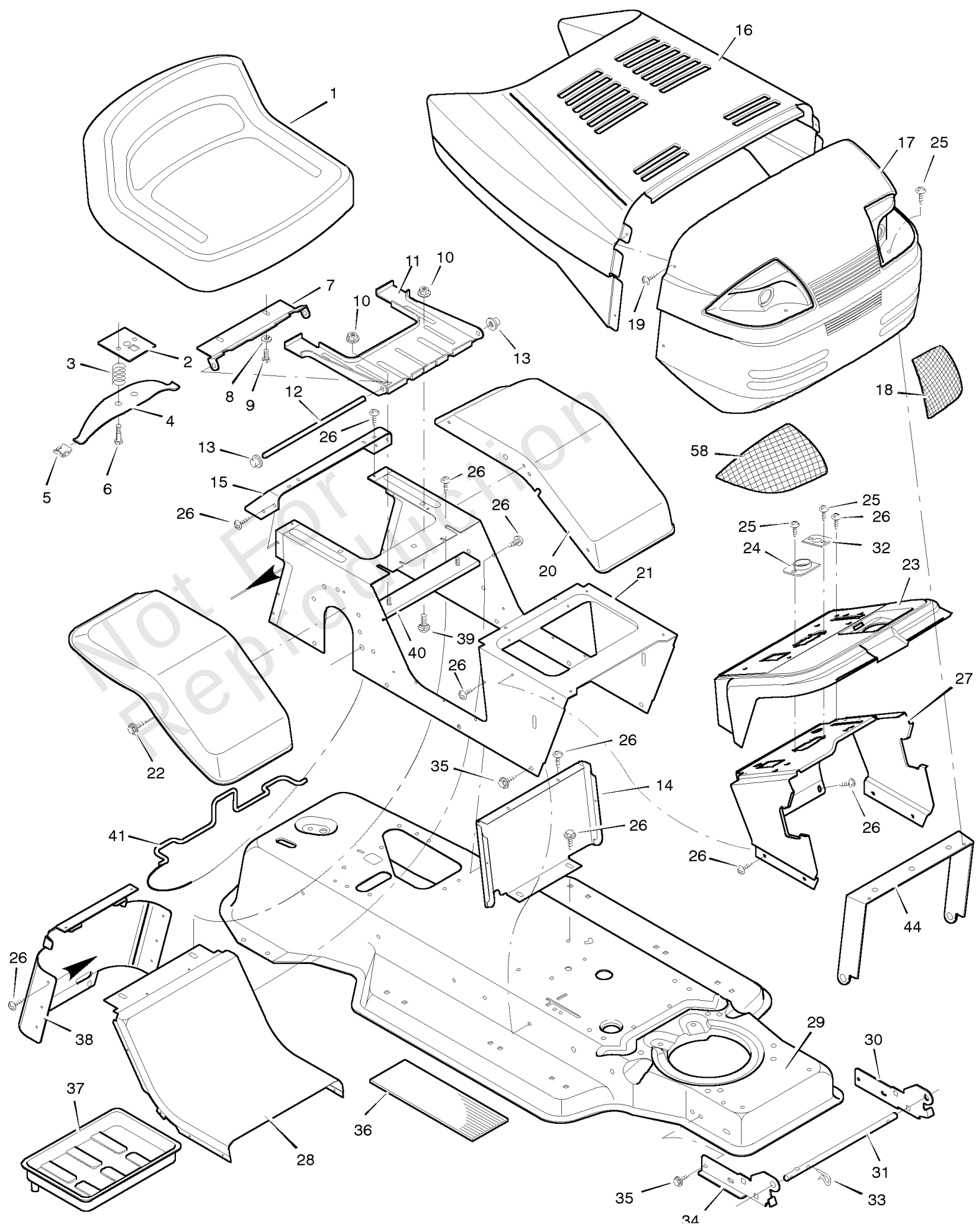
Model Components	Page
Chassis & Hood.....	4
Electrical System.....	8
Engine Mount.....	10
Motion Drive.....	12
Mower Housing.....	16
Mower Housing Suspension.....	20
Steering.....	22
Torque Specification Chart.....	24

Not For
Reproduction

Chassis & Hood

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 46904x192A



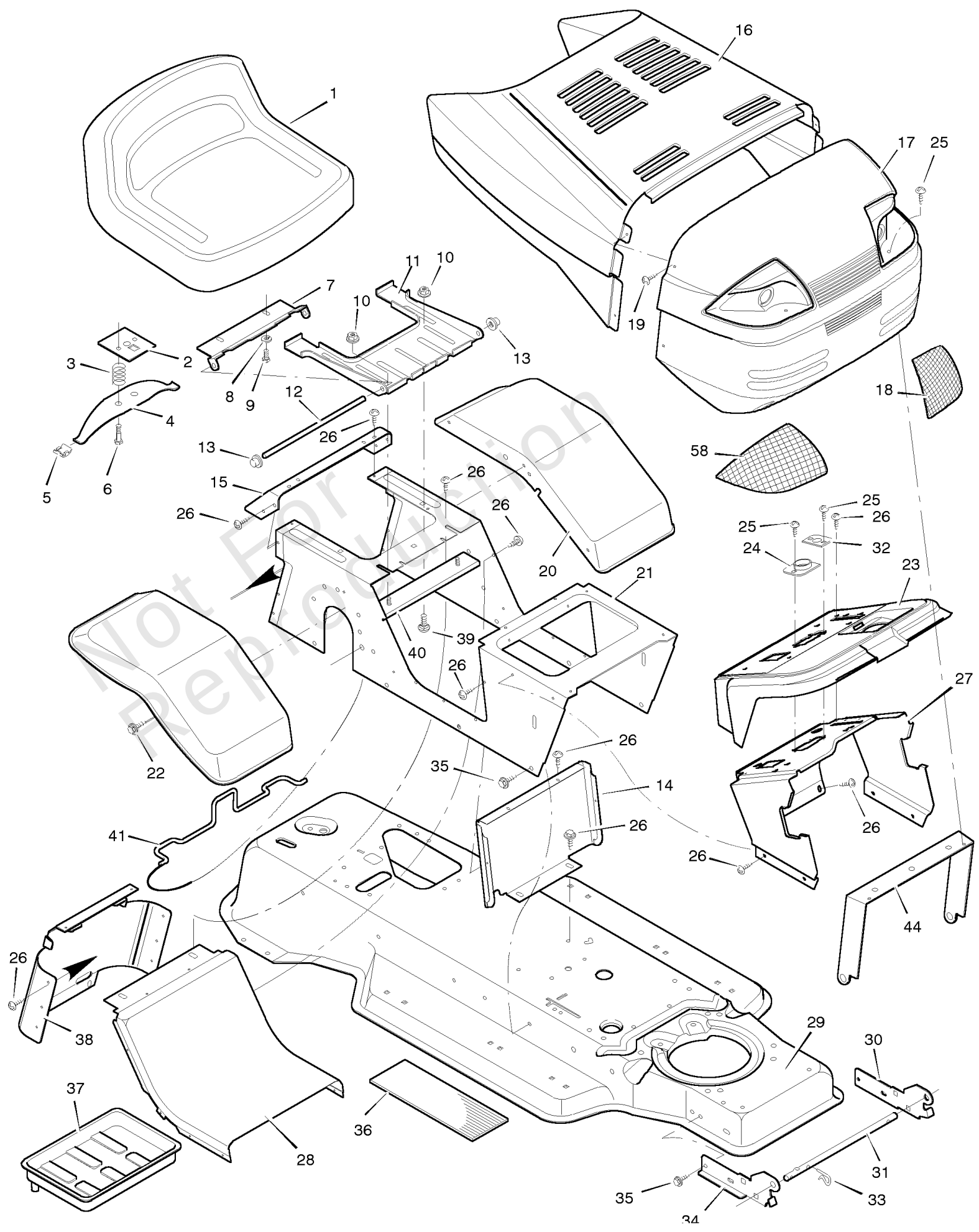
Chassis & Hood

REF NO	PART NO	QTY	DESCRIPTION
1	092606		Seat
2	091963 Z		Plate Assembly, Switch
3	164X26MA		Spring, Compression
4	091964MA		Spring, Seat
5	091822MA		Glide, Spring
6	009X38MA		Bolt, Shoulder
7	92334E701		Support, Seat
8	018X16MA		Lockwasher
9	001X45MA		Bolt, Hex
10	015X88MA		Locknut, Flange
11	092546E701		Bracket, Pivot
12	91730E701		Rod, Pivot
13	028X23MA		Cap, Push On
14	092548F200		Insert, Front
15	91724E701		Fender, Apron
16	093215F200		Hood
17	092542		Grille Assembly -(Includes Lens)
18	092540MA		Lens, Left
19	009X47MA		Screw
20	92328F200		Fender
21	092729F200		Console Assembly
22	26X263MA		SCREW.25-20 S-T
23	093134		Dash Panel
24	093135MA		Bearing, Steering
25	26X239MA		Screw
26	26X270		Screw
27	93136E701		Support, Dash
28	092549F200		Insert, Rear
29	092815F200		Frame Assembly
30	092347E701MA		Bracket, Left Grille
31	093137 Z		Rod, Pivot
32	093155		Bearing
33	0031X4MA		Pin, Hair
34	92346E701		Bracket, Right Grille
35	26X249MA		Screw
36	091901		Mat
37	091895MA		Tray, Battery
38	092443F200		Cap, Console
39	002X64MA		Bolt
40	091857E701		Channel Assembly
41	092725 Z		Clamp, Battery
44	92541 Z		Brace, Grille
45	17X382		Washer
46	06X100		Bolt, Hex
58	092539MA		Lens, Right
--	F-96721		Book, Instruction (English)
--	F-96722		Repair Parts Book
--	44X4101		Decal, Left Hood
--	44X4100		Decal, Right Hood
--	44X4015		Decal, Left Console

Chassis & Hood

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 46904x192A



Chassis & Hood

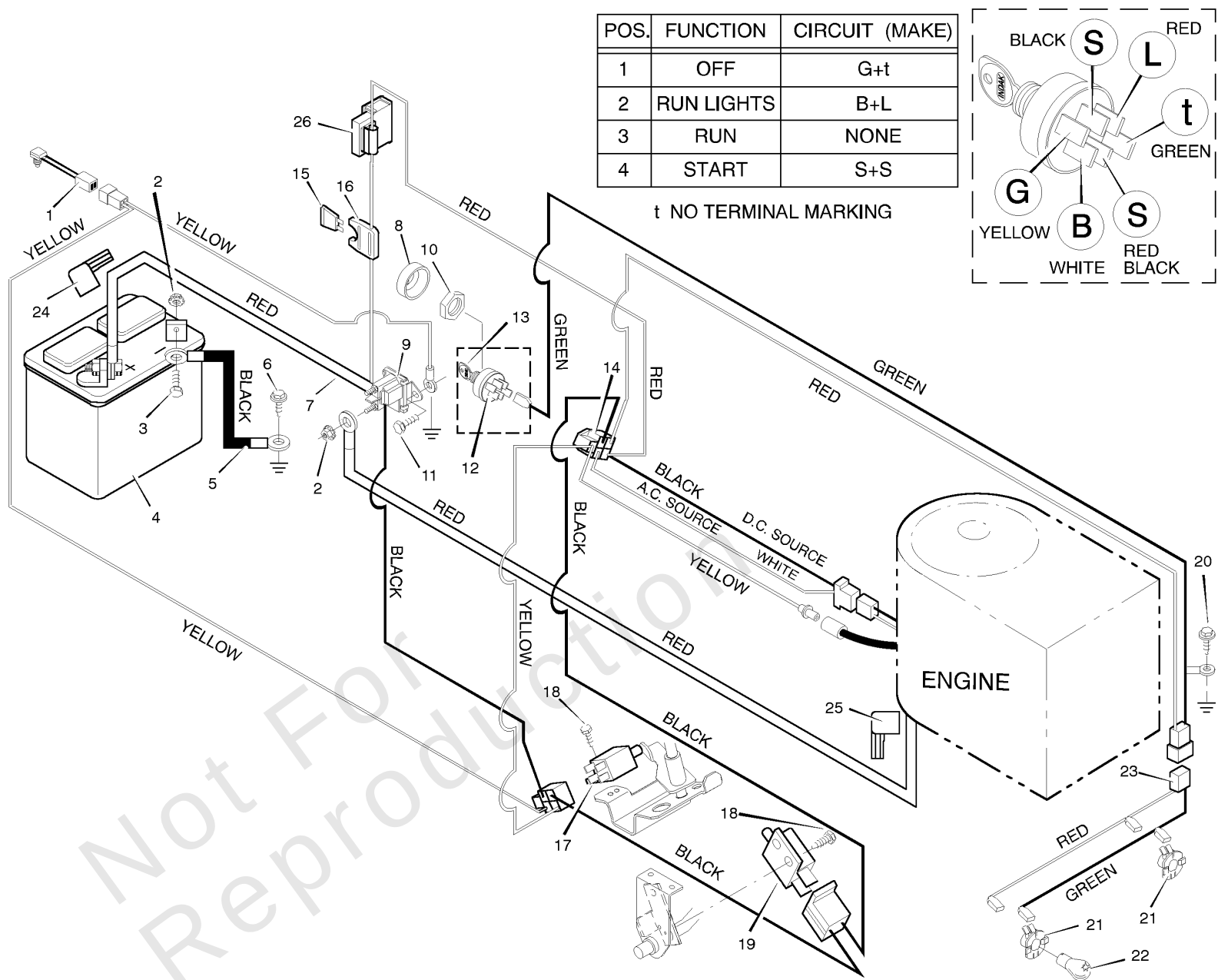
REF NO	PART NO	QTY	DESCRIPTION
--	44X4016		Decal, Right Console
--	44X4248		Decal, Warning
--	280X57		Plaque, Name (Hood)

Not For Reproduction

Electrical System

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 46904x192A



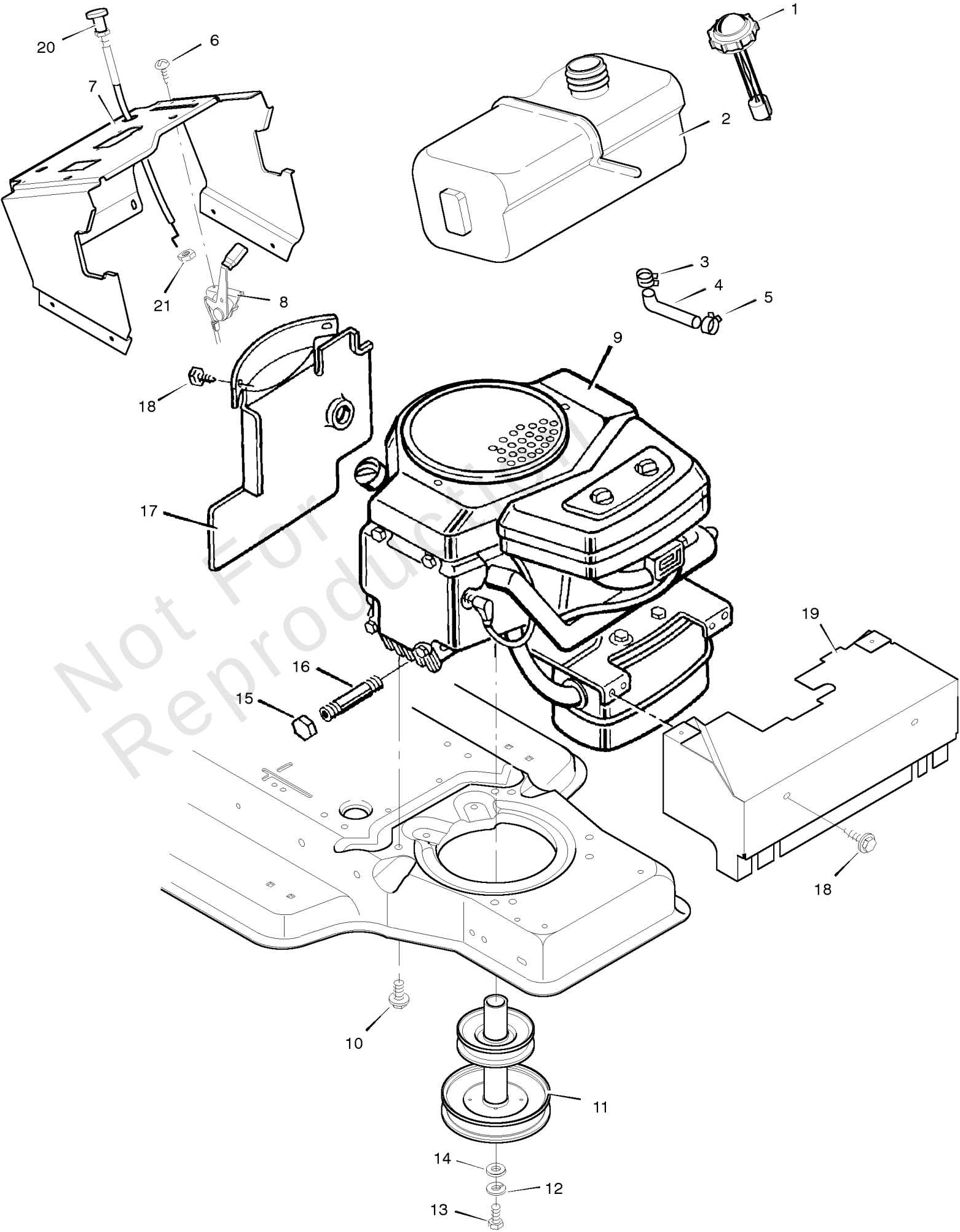
Electrical System

REF NO	PART NO	QTY	DESCRIPTION
1	091031		Switch, Seat Sensor
2	15X116MA		Locknut
3	001X38MA		Bolt, Hex
4	091414		Battery
--	055702		Acid, Battery (Electrolyte)
5	0024X9MA		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	092377MA		Switch, Ignition
13	020729		Key, Ignition
14	250X52		Harness, Chassis Wire
15	054212		Fuse
16	407078MA		Holder, Fuse
17	091299MA		Switch, Clutch
18	26X233MA		Screw
19	024273MA		Switch, Clutch
20	0025X2MA		Screw
21	092372		Socket, Light
22	090084MA		Bulb, Light
23	250X40MA		Harness, Light Wire
24	054148MA		Cover, Terminal
25	024196		Cover, -(Optional)
26	093156MA		Ammeter

Engine Mount

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 46904x192A

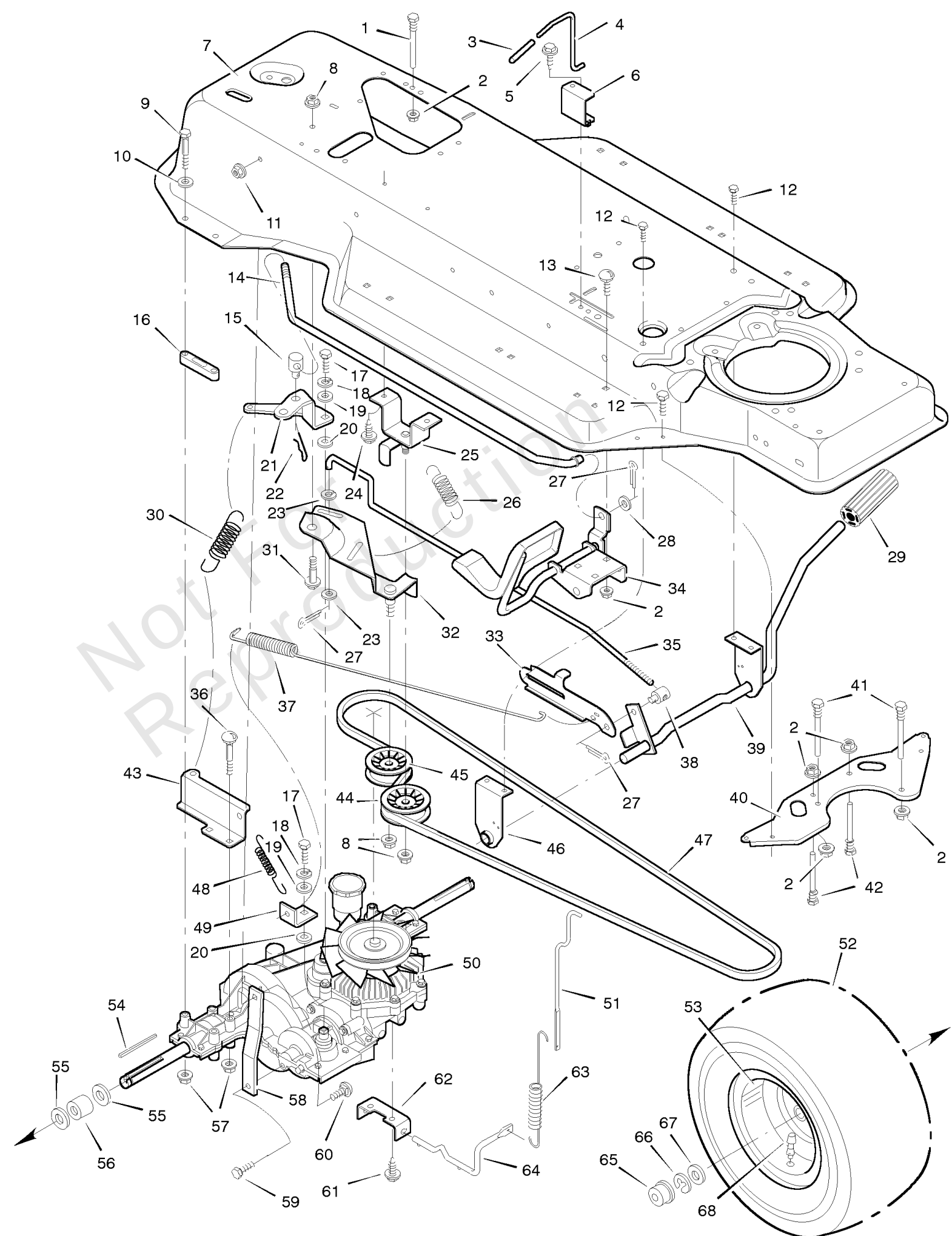


Engine Mount

REF NO	PART NO	QTY	DESCRIPTION
1	091348MA		Fuel Cap
2	092597		Fuel Tank
3	091174		Hose Clamp
4	93198		Fuel Line
5	091174		Hose Clamp
6	26X201MA		Screw
7	93136E701		Support, Dash
8	093165MA		Throttle Control
9	-----		Engine *
10	0025X7MA		Bolt, Engine Mount
11	093245 Z		Stack Pulley Assembly
12	019X35MA		Lockwasher
13	01X140MA		Bolt, Hex
14	17X170MA		WASHER.46.97.25 FLAT
15	021651		Cap, Oil Drain
16	092279		Pipe, Oil Drain
17	093078E701		Baffle, Rear Engine
18	0025X2MA		Screw
19	093191		Baffle, Front Engine
20	091326		Choke
21	0019X8MA		Washer

Footnotes:

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



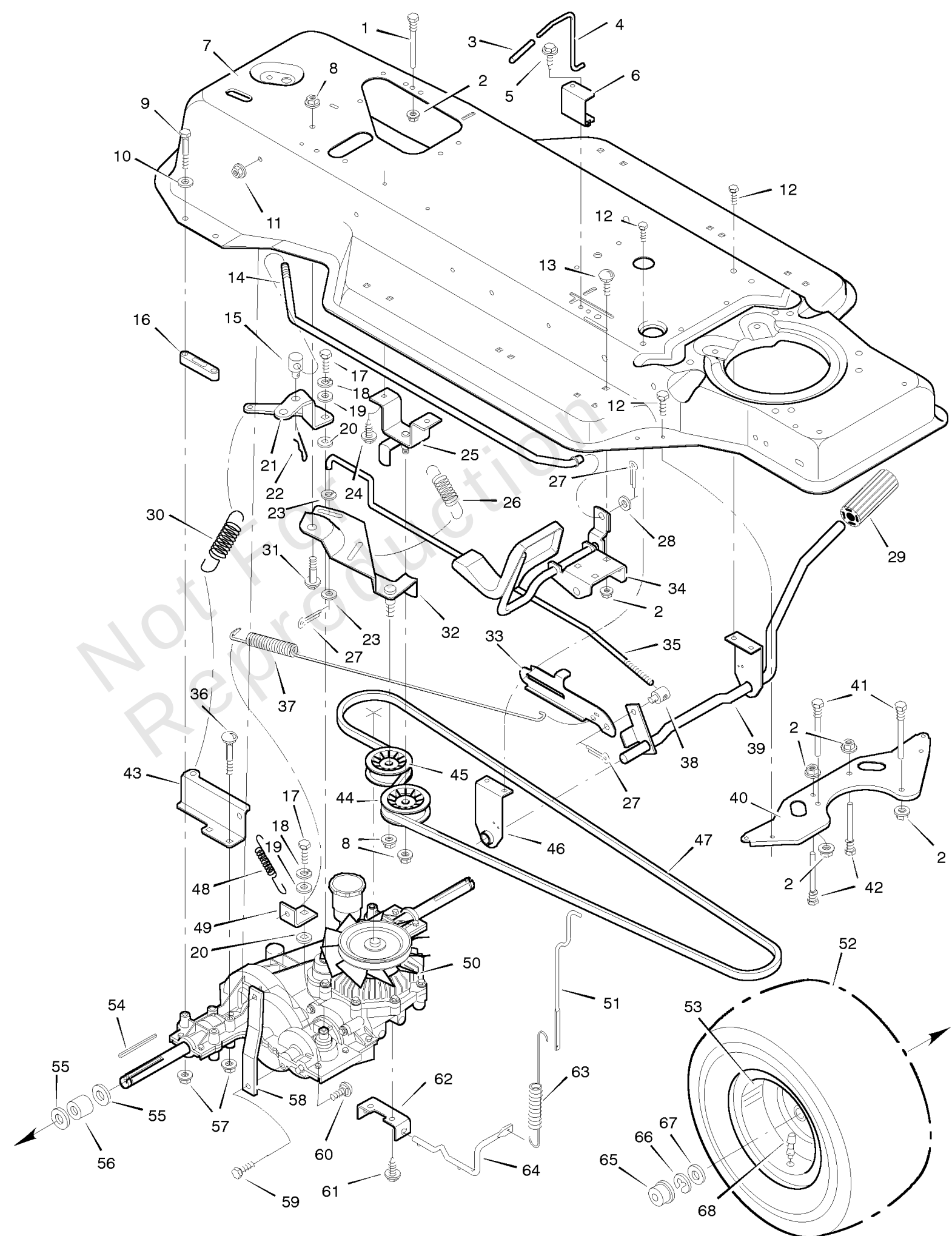
Motion Drive

REF NO	PART NO	QTY	DESCRIPTION
1	092632MA		Guide, Belt
2	015X79MA		Nut, Flange
3	092724		Grip
4	091727 Z		Rod, Parking Brake
5	26X214MA		Screw
6	91825E701		Bracket, Guide
7	092815F200		Frame Assembly
8	015X84MA		Nut, Flange
9	01X118MA		Bolt
10	17X146MA		Washer
11	015X79MA		Nut, Flange
12	26X249MA		Screw
13	002X53MA		Bolt, Carriage
14	092631 Z		Rod, Control
15	092132MA		NUT, Adjusting, 1/2-13
16	092682		Spacer, Hydro
17	001X82		Bolt
18	018X32MA		Lockwasher
19	017X38MA		Washer
20	17X148MA		Washer
21	092594 Z		Lever, Control
22	0031X4MA		Hair Pin
23	017X47MA		Washer
24	26X249MA		Screw
25	92565E701		Idler Mount Assembly
26	165X98MA		Spring, Extension
27	030X20MA		Cotter Pin
28	017X57MA		Washer
29	021544MA		Pedal
30	165X99		Spring, Extension
31	009X39MA		Shoulder Bolt
32	092737 Z		Idler Bracket Assembly
33	917122		Latch, Parking Brake
34	092676E701		Pedal Assembly
35	918082		Clutch Rod
36	002X58		Carriage Bolt
37	165X101MA		Spring, Extension
38	021920ZMA		Nut, Adjusting
39	91862E701		Pedal Lever Assembly
40	092694E701MA		Plate, Belt Guide
41	091754 Z		Screw, Guide
42	020619 Z		Screw, Guide
43	092706 Z		Bracket, Spring Mount
44	091178		Idler Pulley
45	091179MA		Idler Pulley
46	091713E701		Support, Pedal
47	037X80MA		V- Belt
48	165X92MA		Spring, Extension

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** Parts 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
49	92569E701		Lever, Brake
50	-----		Transaxle **
51	092674 Z		Rod, Dump Valve
52	092290601		Wheel & Tire Assembly
53	092374MA		Tire * -(Included with Ref. No. 52)
--	407049MA		Tube -(Included with Ref. No. 52)
54	021553MA		Square Key
55	17X160MA		Washer
56	87X100 Z		Spacer, Wheel
57	15X115MA		Nut, Flange
58	092568E701		Strap, Torque
59	26X216MA		Screw
60	002X64MA		Carriage Bolt
61	0025X9MA		Screw
62	092603 Z		Bracket, Dump Valve
63	165X104MA		Spring, Extension
64	093247 Z		Rod, Dump Valve
65	024582MA		Hub Cap -(Optional)
66	0011X3MA		RING, E .750D .050T
67	17X115MA		Washer
68	024373MA		VALVE STM&CP,TR41 SE

Footnotes:

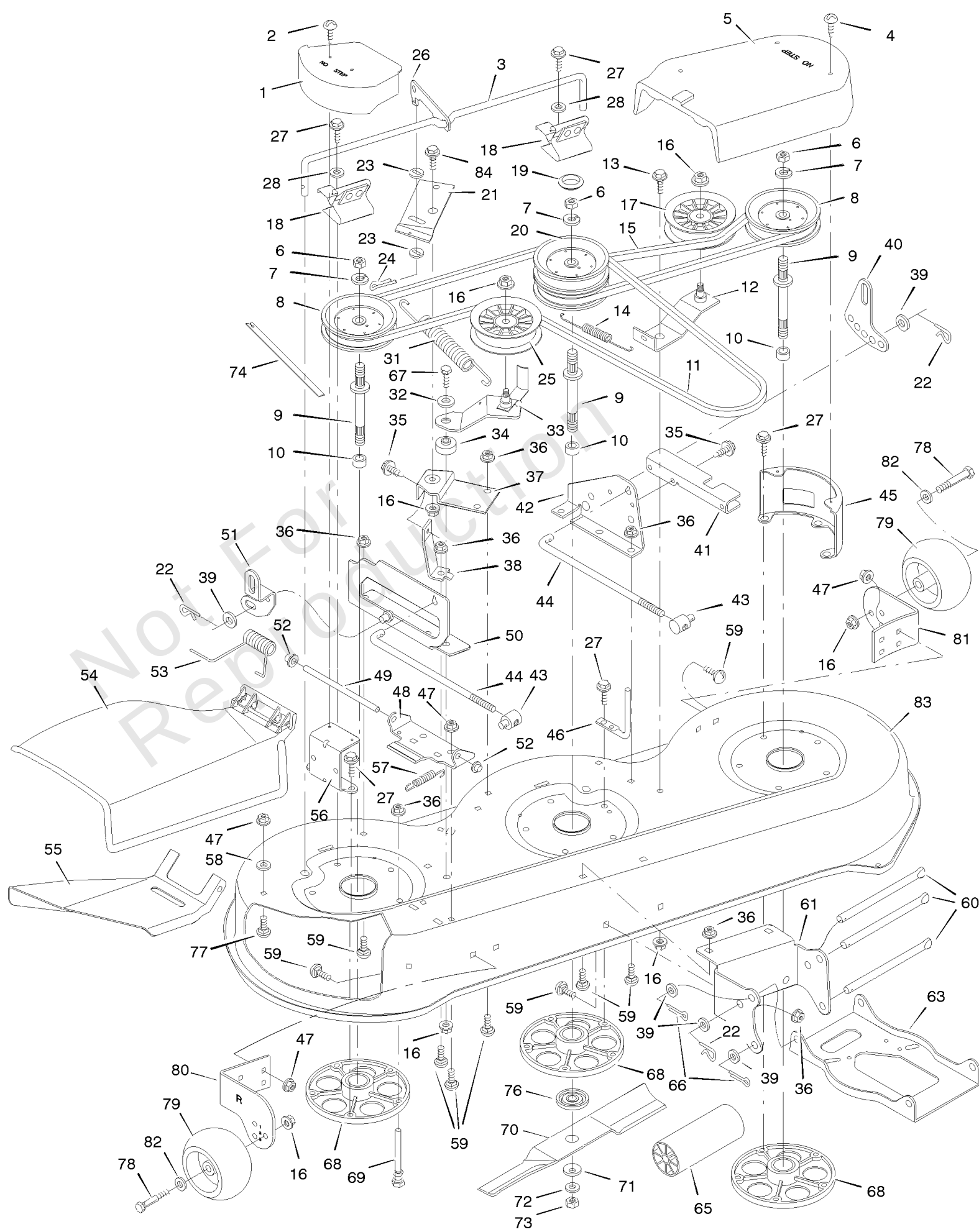
Note* When you order a tire, make sure to give the brand name of the tire so that the tread pattern on the tire will match.

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

Mower Housing

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 46904x192A



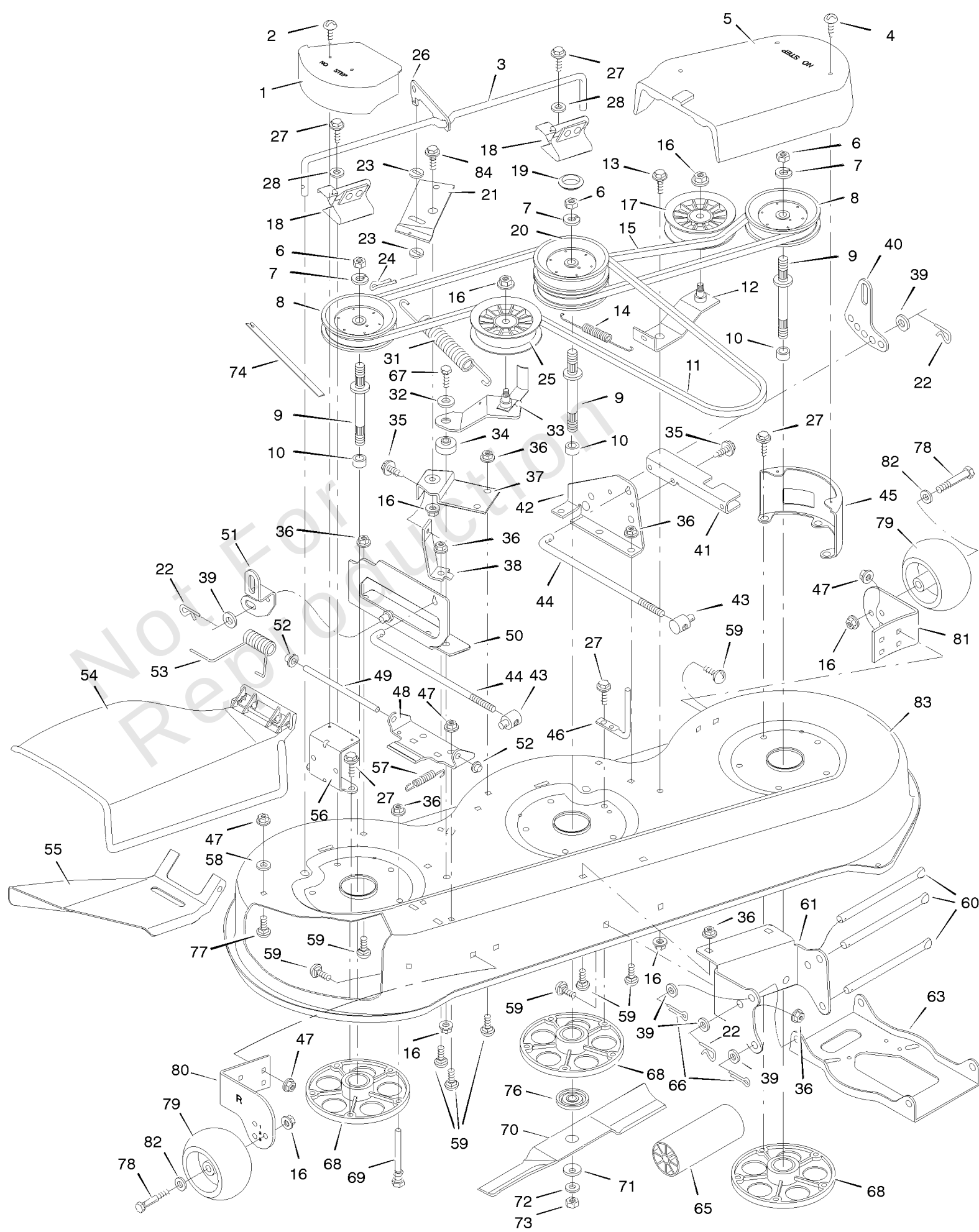
Mower Housing

REF NO	PART NO	QTY	DESCRIPTION
1	92145E701		Cover, Pulley
2	26X266		Screw
3	092129 Z		Rod, Brake
4	26X258MA		Screw
5	92154E701		Cover, Left Pulley
6	15X100MA		Nut, Hex
7	018X33MA		Lockwasher
8	092127MA		Pulley
9	091921		Jackshaft
10	091925MA		Spacer, Bearing
11	037X70A		Belt, Primary Mower Drive
12	92112E701		Bracket, Idler
13	009X39MA		Bolt, Shoulder
14	165X79MA		Spring, Extension
15	037X66MA		Belt, Secondary Mower Drive
16	015X84MA		Locknut
17	091590		Pulley, Idler
18	092148MA		Spring Assembly, Brake
19	092169MA		Plug
20	092128MA		Pulley, Stack
21	92136E701		Bracket, Pivot
22	0031X4MA		Pin, Hair
23	17X171 Z		Washer
24	030X33		Pin, Cotter
25	091801		Pulley, Idler
26	092130 Z		Link, Brake
27	0025X7MA		Screw
28	010851 Z		Washer
29	017X91MA		Washer
31	165X80MA		Spring, Extension
32	17X168ZMA		Washer
33	092220E701MA		Bracket, Idler
34	092180MA		Bushing
35	26X249MA		Screw
36	15X792		Nut, Hex
37	092115E701		Support, Pivot
38	92158E701		Strut, Pivot
39	17X103MA		Washer
40	091741E701MA		Plate, Adjuster
41	092138E701		Channel, Left Cover
42	92109E701		Bracket Assembly, Lifter
43	092132MA		NUT, Adjusting, 1/2-13
44	092134 Z		Rod, Adjuster
45	092139E701MA		Bracket, Left Cover
46	092116 Z		Guide, Belt
47	015X88MA		Locknut
48	092104E701MA		Bracket, Hinge
49	092159ZMA		Rod, Deflector
50	93088E701		Bracket Assembly, Lifter
51	92110E701		Link, Suspension
52	028X23MA		Push- On Cap

Mower Housing

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 46904x192A



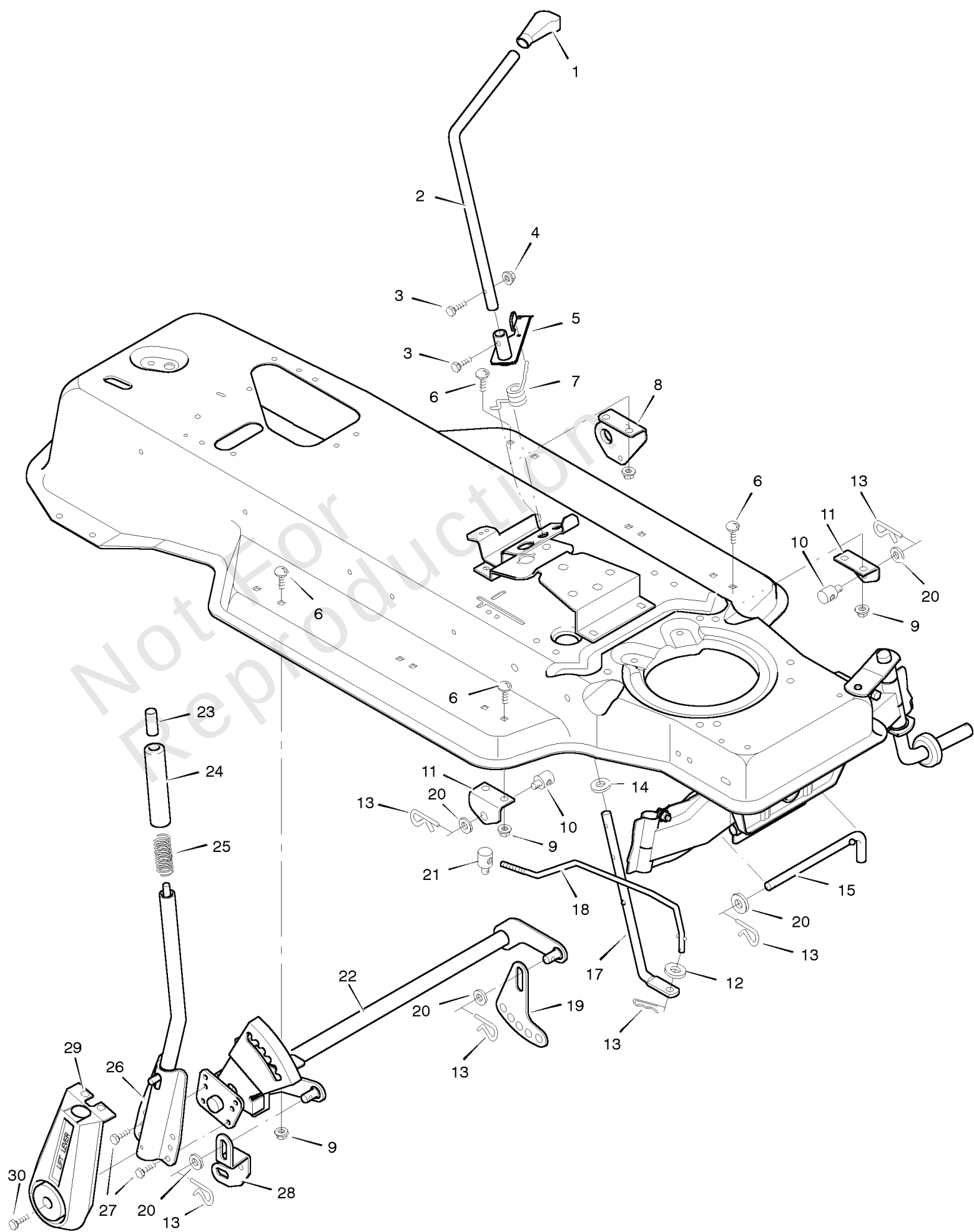
Mower Housing

REF NO	PART NO	QTY	DESCRIPTION
53	166X34MA		Spring, Torsion
54	092100MA		Deflector
55	092103E701MA		Deflector, Inside
56	92140E701		Bracket, Cover
57	165X86MA		Spring, Extension
58	017X57MA		Washer
59	002X53MA		Bolt, Carriage
60	091739 Z		Rod, Hanger
61	93087E701		Bracket, Front Hanger
62	17X124MA		Washer
63	092119SEMA		Hanger, Front
65	092137MA		Roller
66	030X49MA		Pin, Cotter
67	01X111 Z		Bolt, Hex
68	092574		Housing, Mandrel
69	91754 Z		Guide, Belt
70	092117E701MA		Blade (3 required)
71	17X166MA		Washer, Belleville
72	17X165MA		Washer
73	15X100MA		Nut, Hex
74	092163MA		Indicator, Plastic
76	092466MA		Adapter, Blade
77	002X73MA		Bolt, Carriage
78	094025MA		BOLT, Gauge Wheel
79	092683MA		Wheel, Gauge
80	92259E701		Bracket, Right Gauge Wheel
81	92258E701		Bracket, Left Gauge Wheel
82	17X102MA		Washer
83	92257E701		Housing, Mower
84	009X42MA		Bolt, Shoulder
--	403334AMA		Mower Housing, Complete -(Includes Ref. No's. 1-84)

Mower Housing Suspension

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 46904x192A



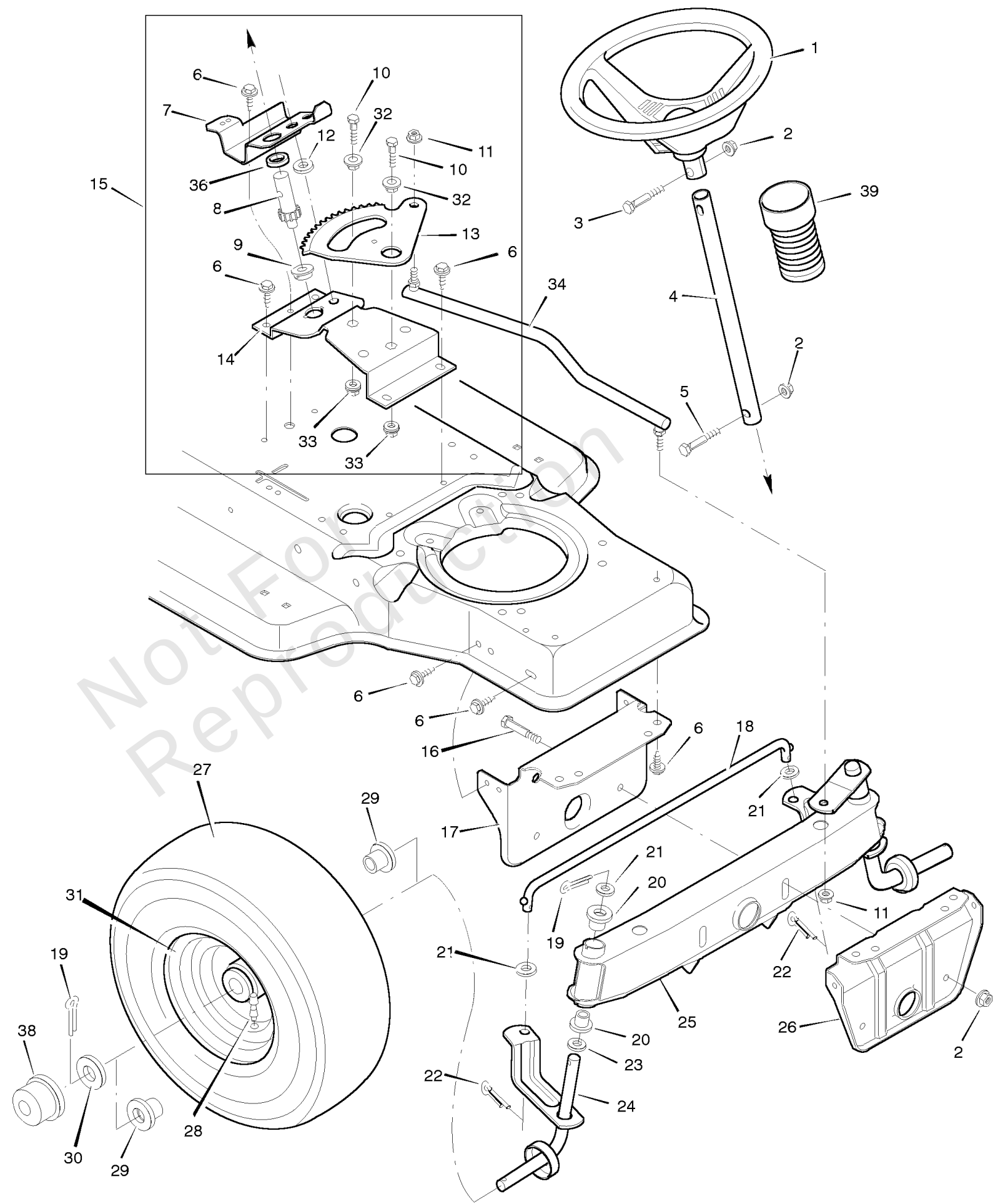
Mower Housing Suspension

REF NO	PART NO	QTY	DESCRIPTION
1	092698MA		Grip
2	092238 Z		Lever, Blade Control
3	0025X3MA		Screw, Hex
4	015X67MA		Locknut, Hex
5	091917E701MA		Lever Assembly, Switch
6	002X53MA		Bolt, Carriage
7	166X32MA		Spring, Torsion
8	092066E701MA		Bracket, Adjuster Rod
9	015X79MA		Nut, Flange
10	092132MA		NUT, Adjusting, 1/2-13
11	92133E701		Bracket, Adjuster Rod
12	17X472		Washer
13	0031X4MA		Pin, Hair
14	17X122		Washer
15	090827 Z		Pin, Pull
17	091787E701MA		Lever, Lower Blade Control
18	092118 Z		Rod, Blade Control
19	091741E701MA		Plate, Adjuster
20	17X103MA		Washer
21	021920ZMA		Nut, Adjusting
22	92705E701		Lifter Assembly
23	092572MA		Button, Push
24	092783MA		Grip
25	164X21MA		Spring, Compression
26	91823E701		Handle Assembly
27	026X49MA		Screw
28	92110E701		Link, Suspension
29	092157MA		Cover, Lift Lever -(Optional)
30	26X263MA		SCREW.25-20 S-T

Steering

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 46904x192A



Steering

REF NO	PART NO	QTY	DESCRIPTION
1	092076		Wheel, Steering
2	15X118MA		Nut, Hex
3	001X66MA		Bolt, Hex
4	091860 Z		Post, Steering
5	001X74MA		Bolt, Hex
6	26X249MA		Screw
7	91716E701		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	91708E701		Bracket, Sector
15	402075MA		Kit, Steering Gear
16	01X146MA		Bolt, Hex
17	092529E701		Support, Rear Axle
18	90038E701		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	092528E701		Support, Front Axle
27	091912MA		Tire *
--	407047MA		Tube
28	024373MA		VALVE STM&CP,TR41 SE
29	091334		Bearing, Wheel
30	17X115MA		Washer
31	92638601		Wheel & Tire Assembly
32	092097MA		Bearing
33	15X113MA		Locknut, Flange
34	091749E701MA		Link, Drag
36	092280MA		Spacer, Pinion Gear
38	024582MA		Hub Cap -(Optional)
39	054789MA		Bellows

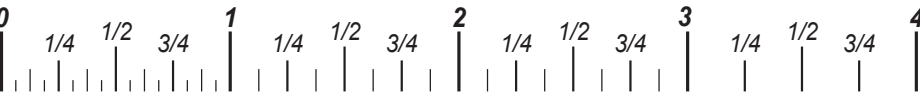
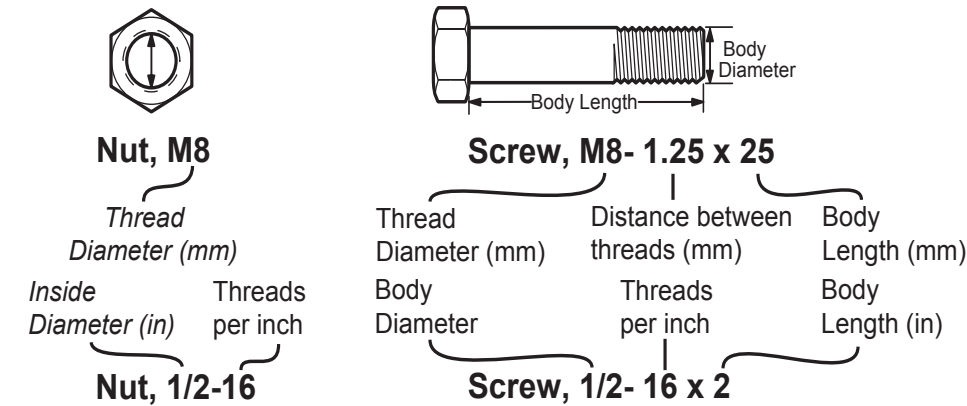
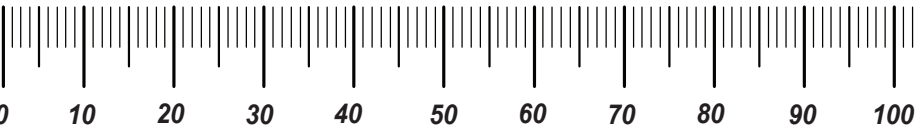
Footnotes:

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).

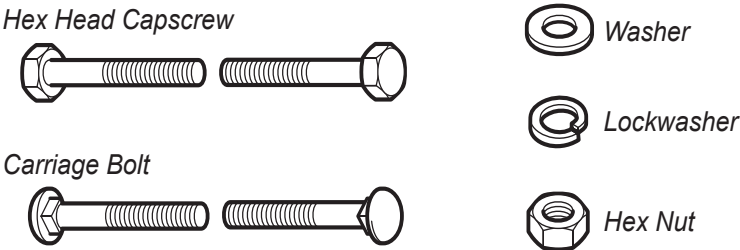
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

