



Parts Manual

Mfg. No: 46400x65A
Garden Tractor (1996)

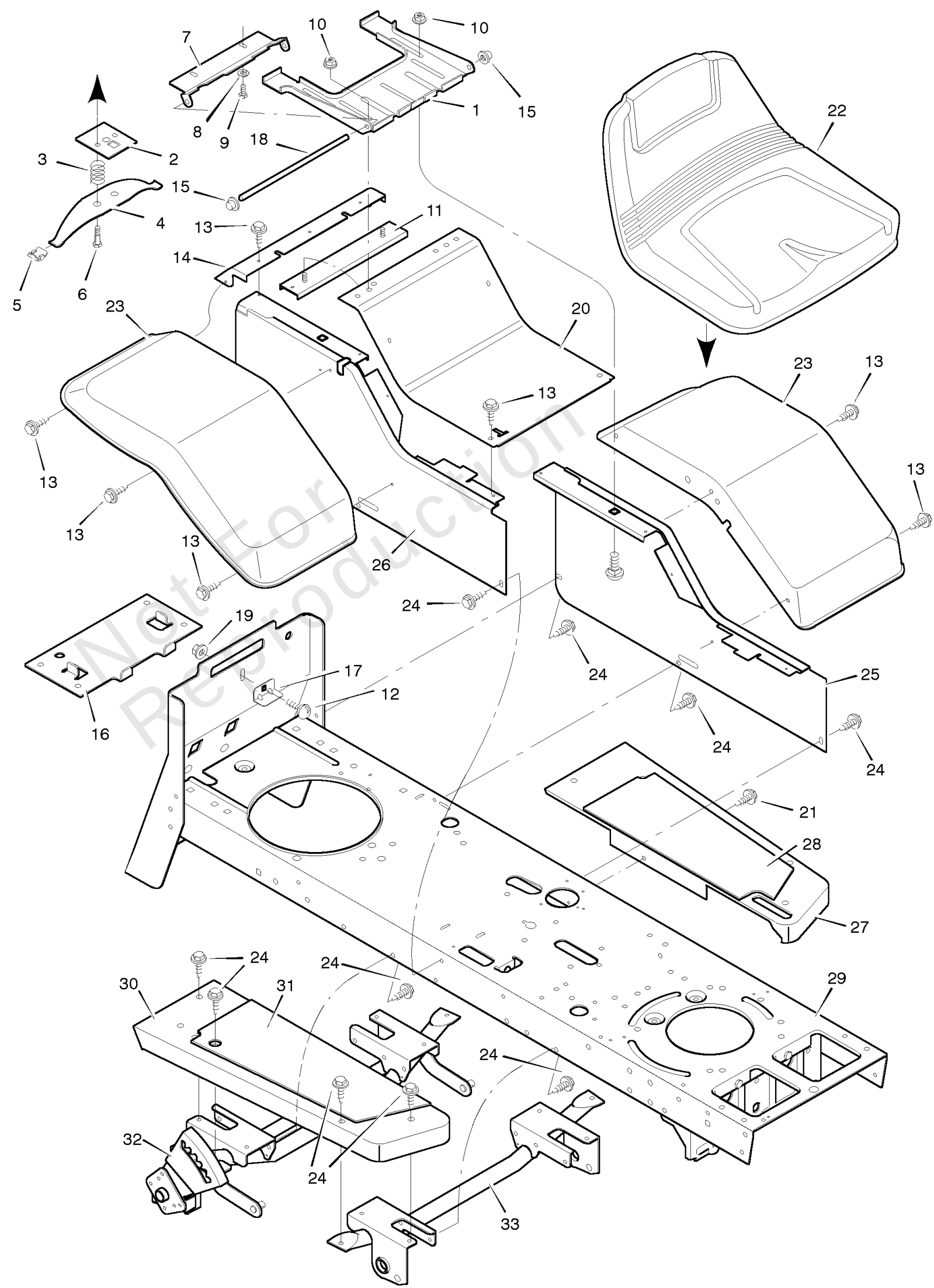
Model Components	Page
Body & Chassis.	4
Electrical System.	6
Hood & Engine Mount.	8
Motion Drive.	12
Mower Housing Assembly.	16
Mower Housing Suspension.	20
Steering.	22
Torque Specification Chart.	24

Not For
Reproduction

Body & Chassis

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 46400x65A



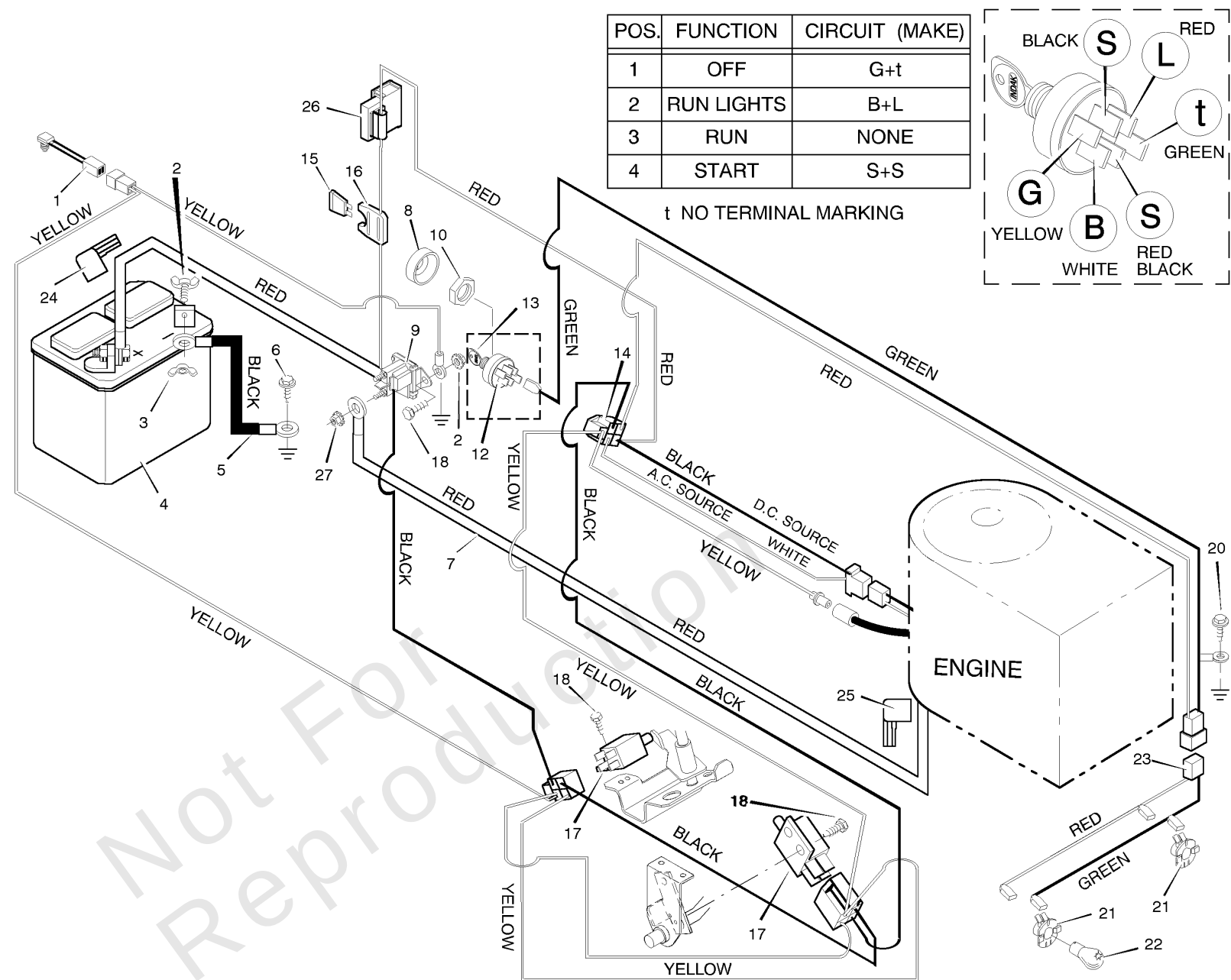
Body & Chassis

REF NO	PART NO	QTY	DESCRIPTION
1	092546E701		Bracket, 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	092601E701		Channel Assembly
12	002X53MA		Bolt, Carriage
13	26X263MA		SCREW.25-20 S-T
14	93043E701		Insert, Rear
15	028X23MA		Push On Cap
16	93331E701		Support, Battery
17	093336 Z		Clamp, Battery
18	091730 Z		Rod, Pivot
19	015X76MA		Locknut
20	093222E701		Panel, Top
21	0193X1MA		Fastener, Panel
22	092606		Seat
23	023006E245		Fender
24	26X249MA		Screw
25	93345E701		Panel, Left
26	093344E701		Panel, Right
27	093011E245		Running Board, Left
28	093071		Mat, Left
29	403353		Frame Channel
30	093010E245		Running Board, Right
31	093070		Mat, Right
32	093114E701MA		Lifter and Support Assembly
33	093013E701MA		Support Assembly, Front

Electrical System

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 46400x65A



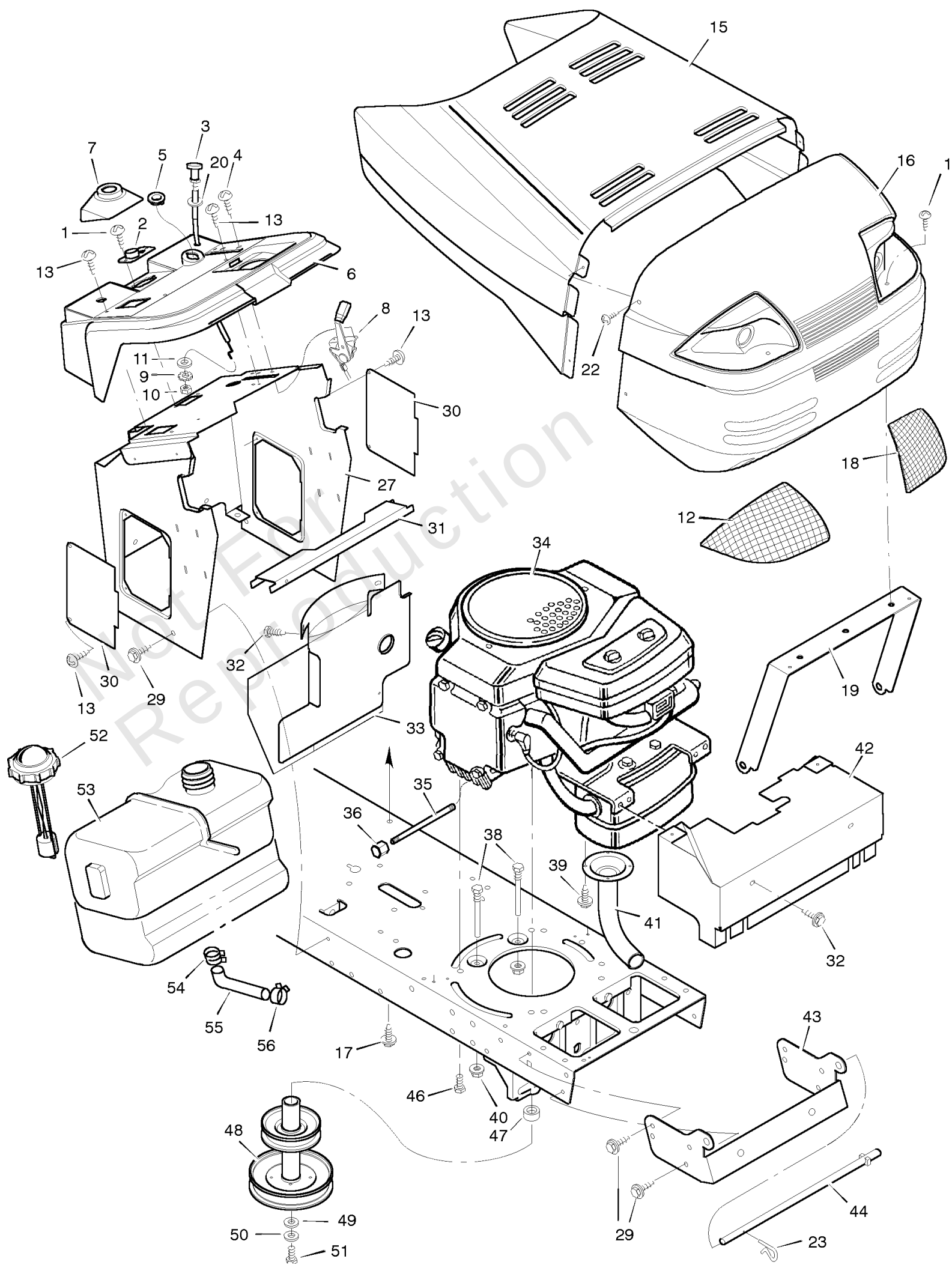
Electrical System

REF NO	PART NO	QTY	DESCRIPTION
1	091031		Switch, Seat Sensor
2	006X99		Bolt
3	014X79MA		Wingnut
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
12	092377MA		Switch, Ignition
13	020729		Key, Ignition
14	250X62		Harness, Chassis Wire
15	054212		Fuse
16	407078MA		Holder, Fuse
17	091299MA		Switch, Clutch
18	26X233MA		Screw
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
27	15X116MA		Locknut

Hood & Engine Mount

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 46400x65A



Hood & Engine Mount

REF NO	PART NO	QTY	DESCRIPTION
1	26X239MA		Screw
2	093144		Bearing, Steering Post
3	091326		Cable, Choke
4	26X201MA		Screw
5	055717MA		Bushing
6	093143		Dash
7	093176		Support, Bellows
8	093165MA		Throttle Control
9	0019X8MA		Lockwasher
10	015X33MA		Nut, Hex
11	17X522		Washer
12	092539MA		Lens, Right
13	26X270		Screw
15	093215E245MA		Hood
16	092542		Grille -(Includes Lens)
17	26X263MA		SCREW.25-20 S-T
18	092540MA		Lens, Left
19	925412		Brace, Grille
20	17X185		Washer
22	009X47MA		Screw
23	0031X4MA		Pin, Hair
27	93163E701		Console Assembly
29	26X249MA		Screw
30	093007E701MA		Panel, Side Access
31	91329E701		Support, Fuel Tank
32	0025X2MA		Screw
33	93214E701		Baffle, Rear Heat
34	-----		Engine *
35	056261		Oil Drain Extension
36	021651		Oil Drain Cap
38	91754 Z		Guide, Belt
39	26X2082		Screw
40	015X88MA		Locknut, Flange
41	023743E701MA		Pipe, Exhaust
42	93188E701		Shield, Heat
43	093257E701		Support, Grille
44	093192 Z		Rod, Pivot
46	0025X7MA		Bolt, Hex
47	093077MA		Spacer, Engine
48	093246 Z		Pulley Assembly, Stack
49	17X170MA		WASHER.46.97.25 FLAT
50	019X35MA		Lockwasher
51	01X140MA		Bolt, Hex
52	091349		Cap, Fuel
53	093148		Fuel Tank
54	091174		Clamp, Hose
55	093197		Fuel Line
56	023713MA		Clamp, Hose

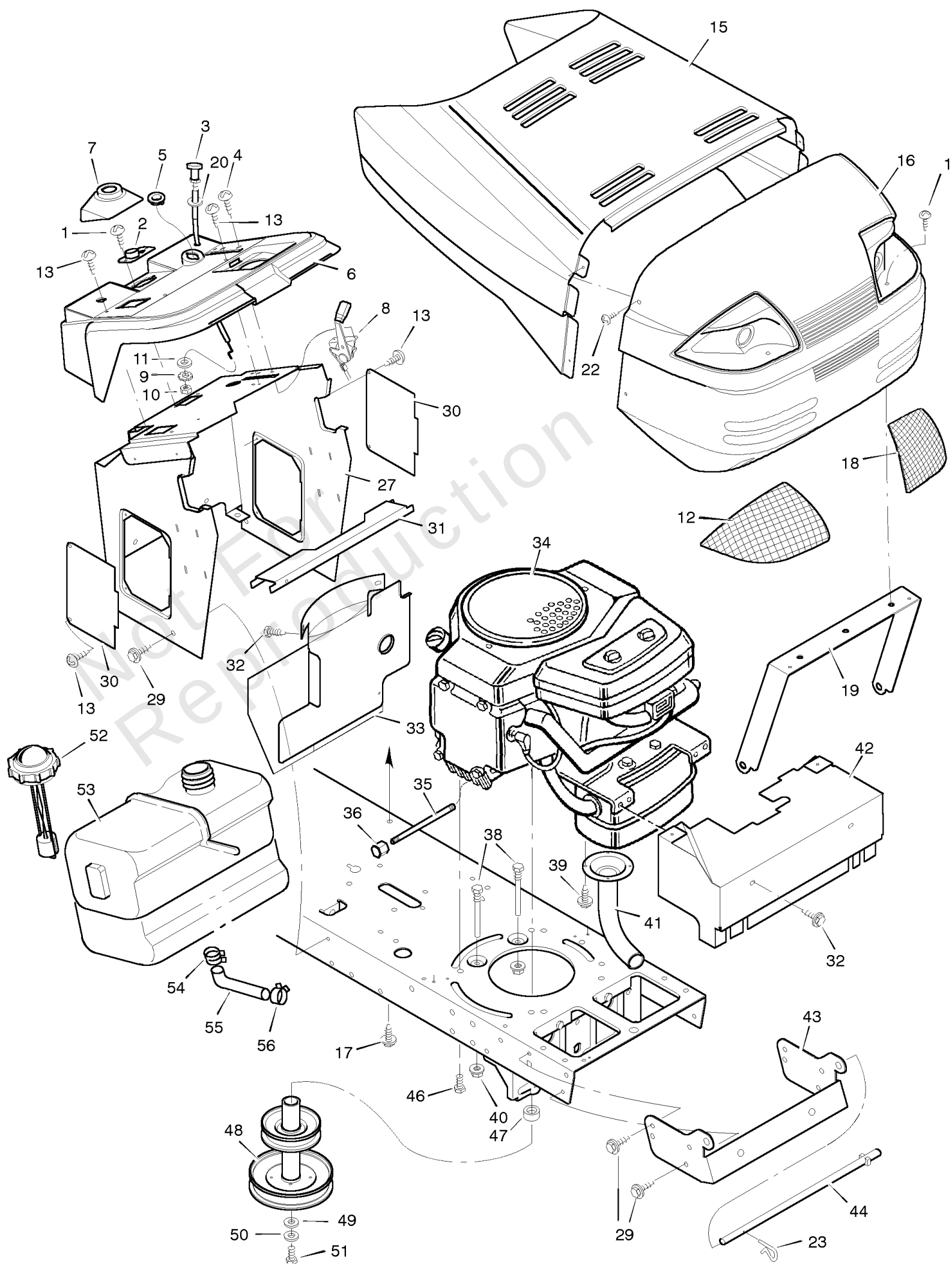
Footnotes:

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.

Hood & Engine Mount

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 46400x65A



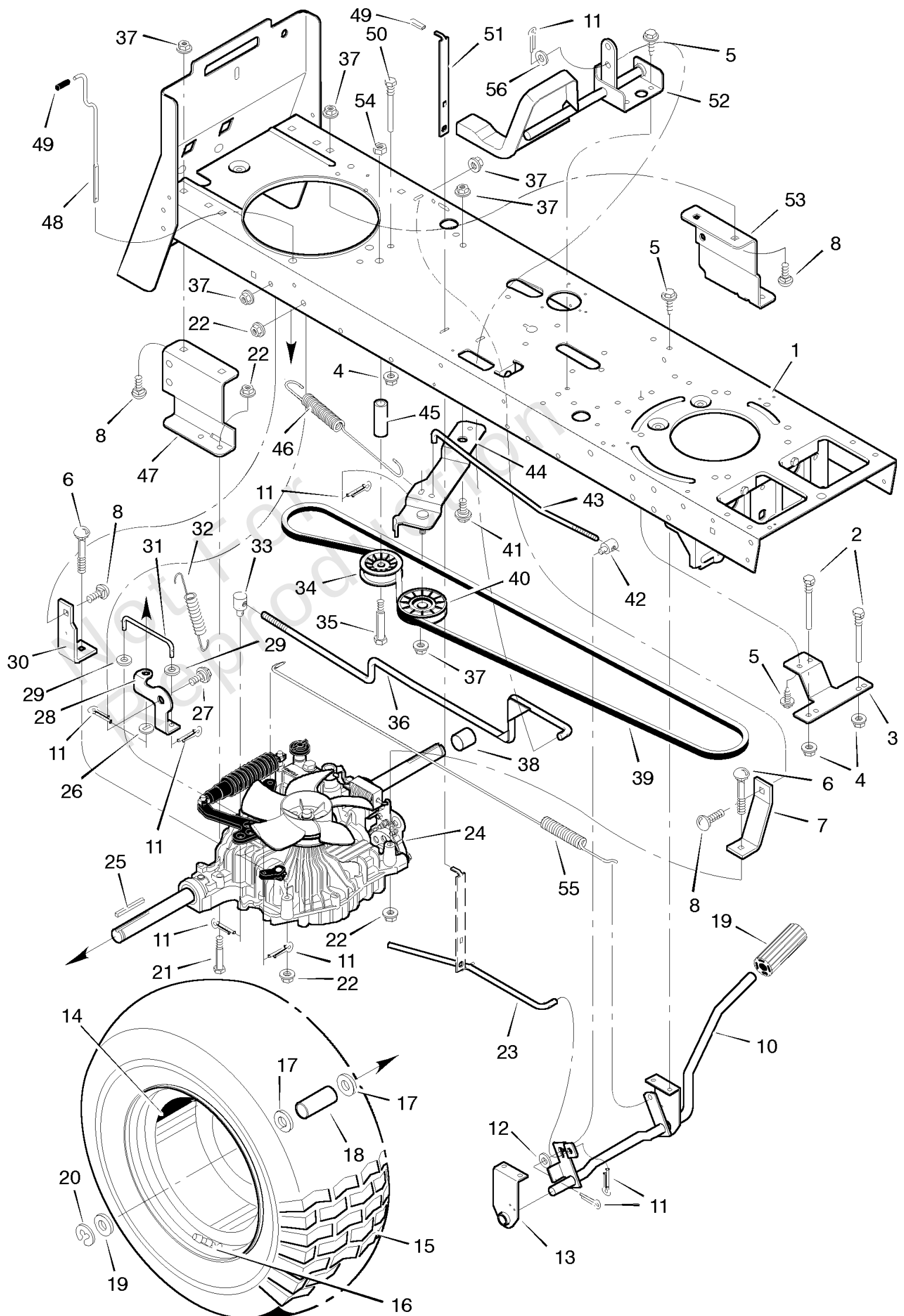
Hood & Engine Mount

REF NO	PART NO	QTY	DESCRIPTION
--	F-96869		Book, Instruction
--	F-96870		Repair Parts Book

Not For
Reproduction

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.

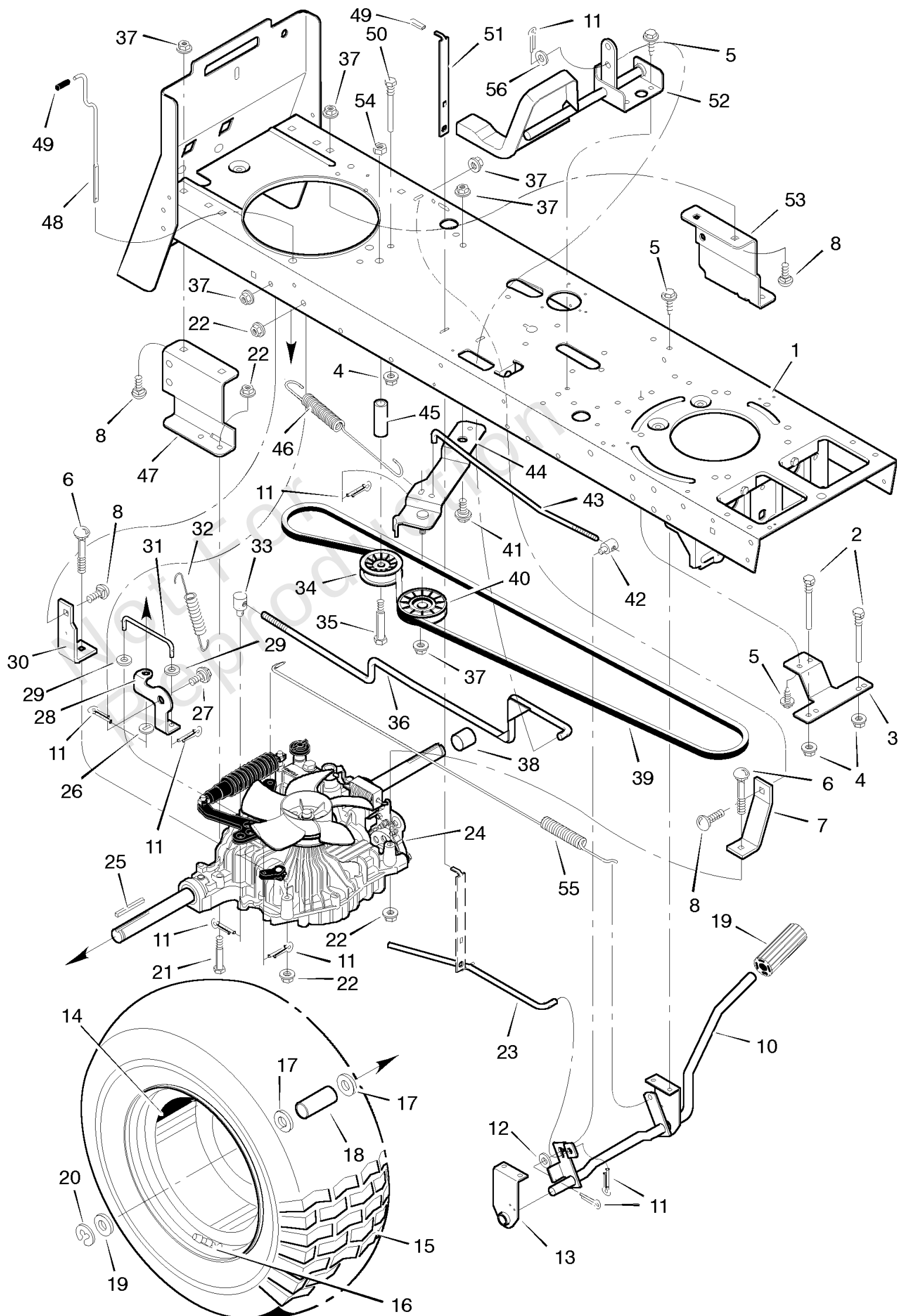


Motion Drive

REF NO	PART NO	QTY	DESCRIPTION
1	403353		Frame Assembly
2	093349MA		GUIDE SCREW - ZINC
3	093342E701		Bracket, Belt Guide
4	015X79MA		NUT, Hex Flange, 5/16-18
5	26X249MA		CAPSCREW, Hex Head, 5/16-18 x 3/4
6	002X58		Bolt, Carriage
7	93321E701		Bracket, Torque
8	002X78		Bolt, Carriage
9	021544MA		PEDAL, Clutch and Brake
10	93325E701		Lever Assembly, Pedal
11	030X20MA		COTTERPIN, 3/4
12	017X52		Washer
13	091713E701		Bracket, Pedal Support
14	093263-601		Assembly, Wheel and Tire
15	407920		Tire Only * -(Included with Ref. No. 14)
--	407047MA		Tube -(Included with Ref. No. 14)
16	024373MA		VALVE STM&CP,TR41 SE
17	17X190		Washer
18	252X47		Spacer
19	17X118 Z		WASHER, 1-1.3 16G FLT
20	011X23MA		E-RING, Retainer
21	01X155MA		BOLT, Hex, 5/16-18 x 2-1/2
22	015X88MA		NUT, Hex Flange, Center Lock, 5/16-18
23	93339		Rod, Latch
24	404079		Transaxle
25	024039MA		Key, Square
26	17X171 Z		Washer
27	009X42MA		BOLT, Shoulder, 3/8-16 x 3/5
28	93334		Bracket, Dump Valve
29	017X17		WASHER, FLAT
30	93322E701		Bracket, Torque
31	093328 Z		Rod, Dump Valve
32	165X84		Spring, Extension
33	092132MA		NUT, Adjusting, 1/2-13
34	091179MA		Pulley, Backside Idler
35	01X154		Shoulder Bolt
36	933332		Rod, Control
37	015X84MA		NUT, Hex Flange, Center Lock, 3/8-16
38	252X48		Spacer
39	037X82MA		Belt
40	091178		PULLEY, V-IDLER 3-
41	009X39MA		BOLT, Shoulder, 3/8-16 x 1/2
42	021920ZMA		NUT, Adjusting
43	093326 Z		Rod, Clutch
44	093324 Z		Bracket, Idler
45	093347		Spacer
46	165X109MA		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.



Motion Drive

REF NO	PART NO	QTY	DESCRIPTION
47	93330		SCREW
48	926752		Rod, Dump Valve
49	092724		Grip
50	091754MA		SCREW, Guide, 5/16-18
51	093338E701		Lever, Parking Brake
52	93346		Pedal Assembly
53	93329		SCREW
54	015X41MA		NUT, Lock, 1/2-13
55	165X110		Spring
56	17X572		Washer

Not For
Reproduction

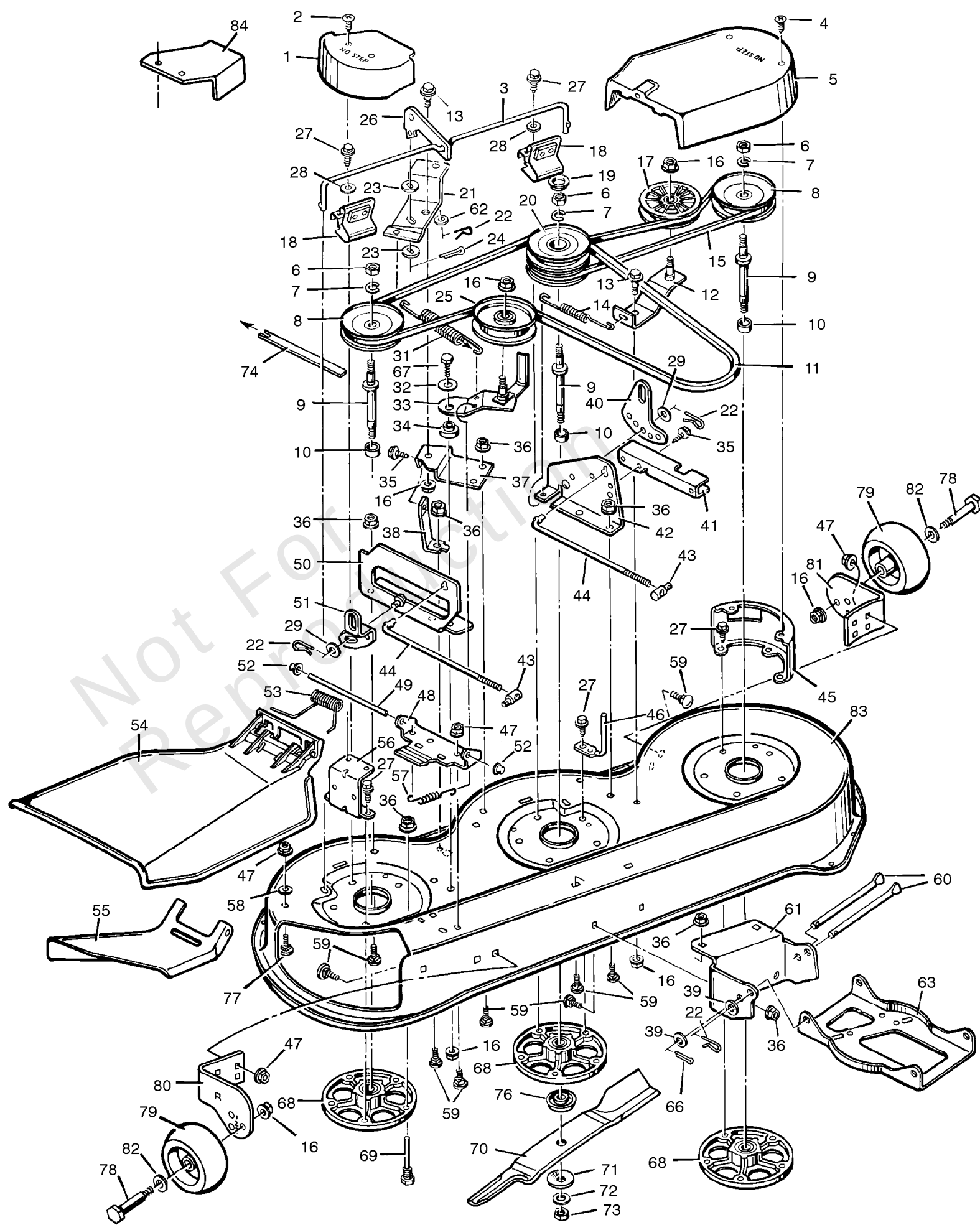
Footnotes:

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 Assembly

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 46400x65A



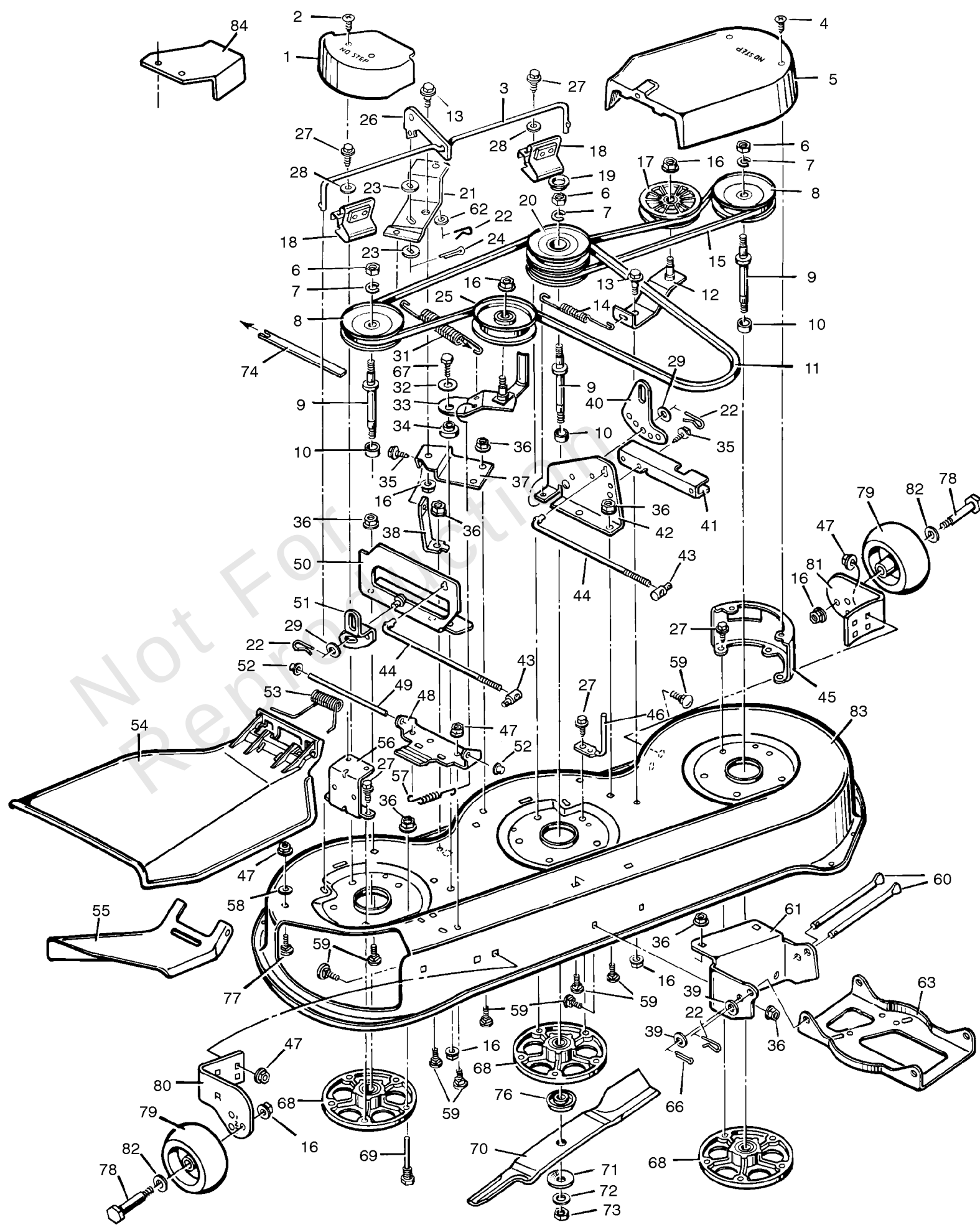
Mower Housing Assembly

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	037X69MA		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	093052E701		Bracket, Pivot
22	0031X4MA		Pin, Hair
23	17X171 Z		Washer
24	030X33		Pin, Cotter
25	091801		Pulley, Idler
26	092130 Z		Link, Brake
27	0025X6MA		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	93323E701		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	093340E700		Link, Suspension
52	028X23MA		Push- On Cap

Mower Housing Assembly

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 46400x65A



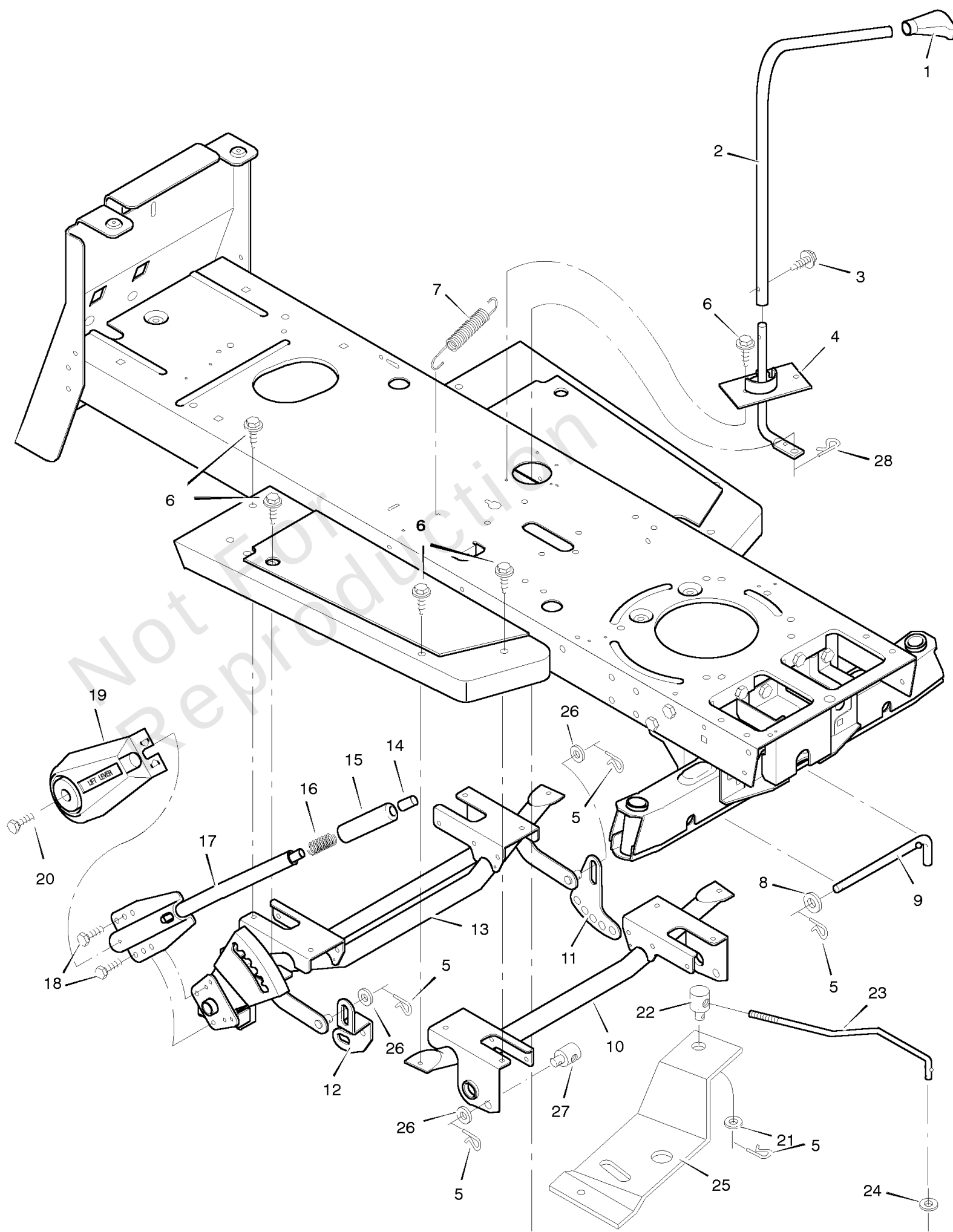
Mower Housing Assembly

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	17X572		Washer
59	02X532		Bolt, Carriage
60	091739 Z		Rod, Hanger
61	093126E701		Bracket, Front Hanger
62	17X124MA		Washer
63	092119SEMA		Hanger, Front
66	030X49MA		Pin, Cotter
67	01X111 Z		Bolt, Hex
68	092573		Housing, Mandrel
69	91754 Z		Guide, Belt
70	092351E701MA		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
--	403341		Mower Housing, Complete -(Includes Ref. No's. 1-83)
84	93130E701		Guard

Mower Housing Suspension

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 46400x65A



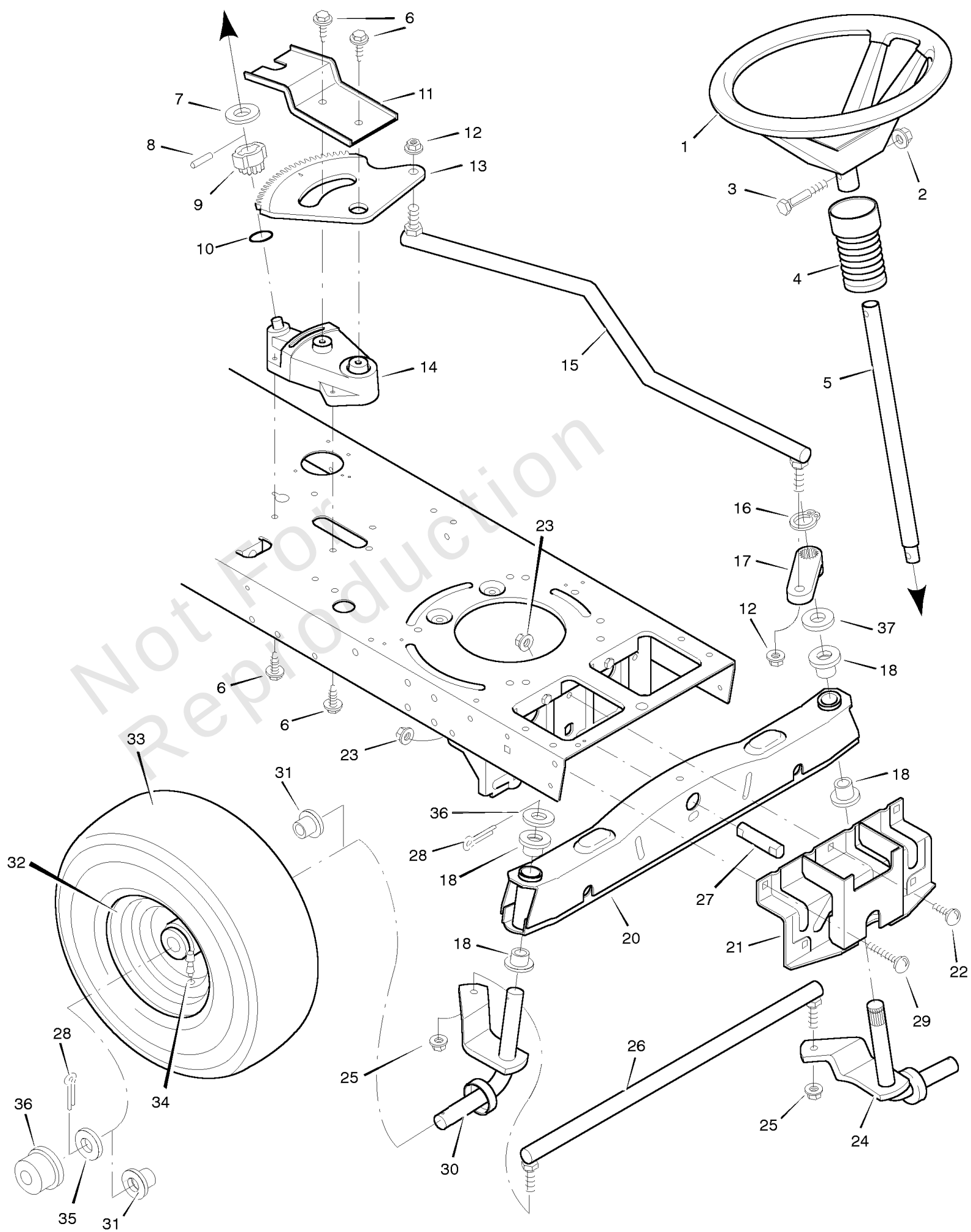
Mower Housing Suspension

REF NO	PART NO	QTY	DESCRIPTION
1	092698MA		Grip
2	093162 Z		Lever, Blade Control
3	0025X3MA		Screw, Hex
4	093218E700		Control Assembly, Blade
5	0031X4MA		Pin, Hair
6	26X249MA		Screw
7	165X92MA		Spring, Extension
8	17X103MA		Washer
9	908272		Pin, Pull
10	093013E701MA		Support Assembly, Front
11	93323E701		Plate, Adjuster
12	093340E700		Link, Suspension
13	093114E701MA		Support, Lifter
14	092572MA		Button, Push
15	092783MA		Grip
16	164X21MA		Spring, Compression
17	91823E701		Handle Assembly
18	026X49MA		Screw
19	092157MA		Cover, Lift Lever -(Optional)
20	26X263MA		SCREW.25-20 S-T
21	17X124MA		Washer
22	021920ZMA		Nut, Adjusting
23	093356 Z		Rod, Blade Control
24	17X472		Washer
25	093052E701		Bracket, Pivot
26	017X91MA		Washer
27	092132MA		NUT, Adjusting, 1/2-13
28	0031X6MA		Pin, Hair

Steering

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 46400x65A



Steering

REF NO	PART NO	QTY	DESCRIPTION
1	092076		Wheel, Steering
2	15X118MA		Nut, Hex
3	001X66MA		Bolt, Hex
4	054789MA		Bellows
5	093039MA		Post Assembly, Steering
6	26X249MA		Screw
7	17X177		Washer -(Included with Ref. No. 5)
8	032X77		Pin, Spring -(Included with Ref. No. 5)
9	093037MA		Gear Assembly, Pinion
10	093068MA		O- Ring -(Included with Ref. No. 9)
11	93081E701		Clip, Gear Retainer
12	15X112MA		NUT.50-20 HEX FLG SER
13	93062E701		Gear, Sector
14	093038MA		Support, Steering
15	093061E701MA		Link, Drag
16	011X22MA		E- Ring
17	93059E701		Arm, Drag Link
18	093058MA		Bearing
20	093219E701MA		Axle Assembly -(with grease fittings)
21	93080E701		Hanger Assembly, Axle
22	002X56		Bolt, Carriage
23	015X84MA		Locknut, Flange
24	093031E701MA		Spindle Assembly, Left
25	015X87		Locknut, Flange
26	93060E701		Rod, Tie
27	021469MA		Pin, Pivot
28	030X49MA		Pin, Cotter
29	002X60		Bolt, Carriage
30	93030E701		Spindle Assembly, Right
31	093064MA		Bearing, Wheel -(Included with Ref. No. 32)
32	92644601		Wheel & Tire Assembly
33	024393MA		Tire * -(Included with Ref. No. 32)
--	407047MA		Tube -(Included with Ref. No. 32)
34	024373MA		VALVE STM&CP,TR41 SE -(Included with Ref. No. 32)
35	17X114MA		Washer
36	024582MA		Hub Cap -(Optional)
37	017X75MA		Shim

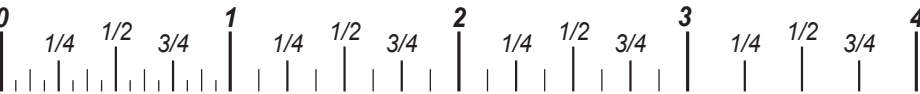
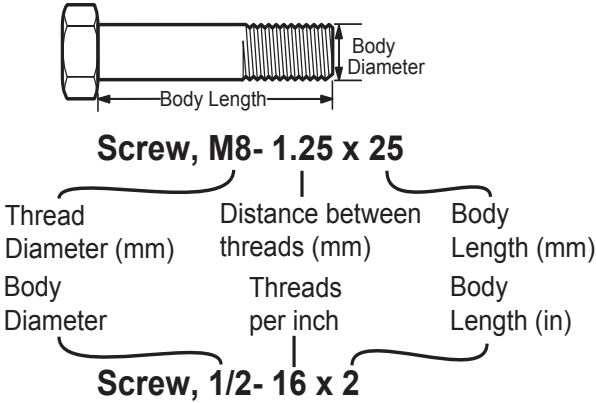
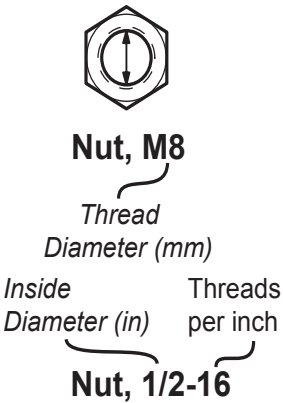
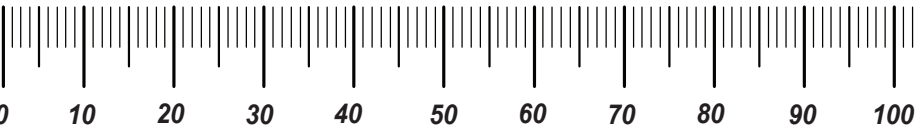
Footnotes:

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).

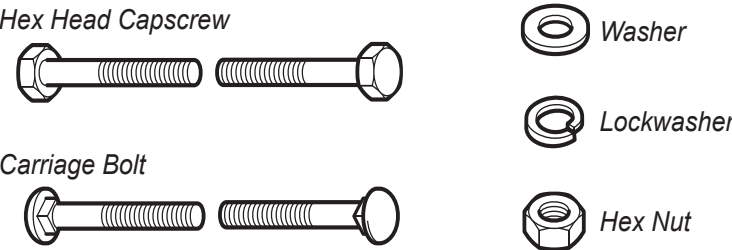
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

