

Parts Manual

Mfg. No: 46380x50B
Garden Tractor (1998)

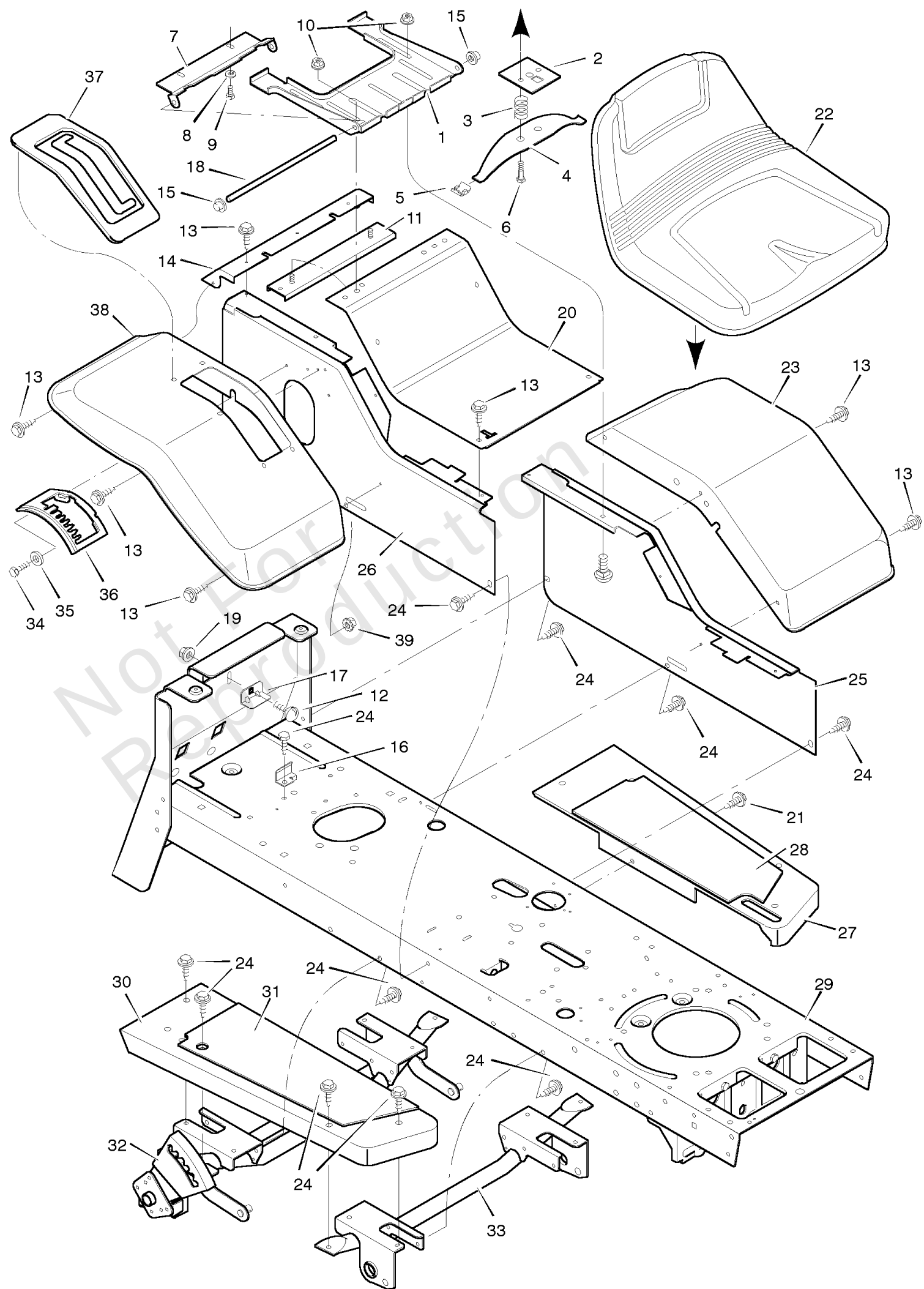
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Body Chassis

Note: Unless noted otherwise, use the standard torque specifications

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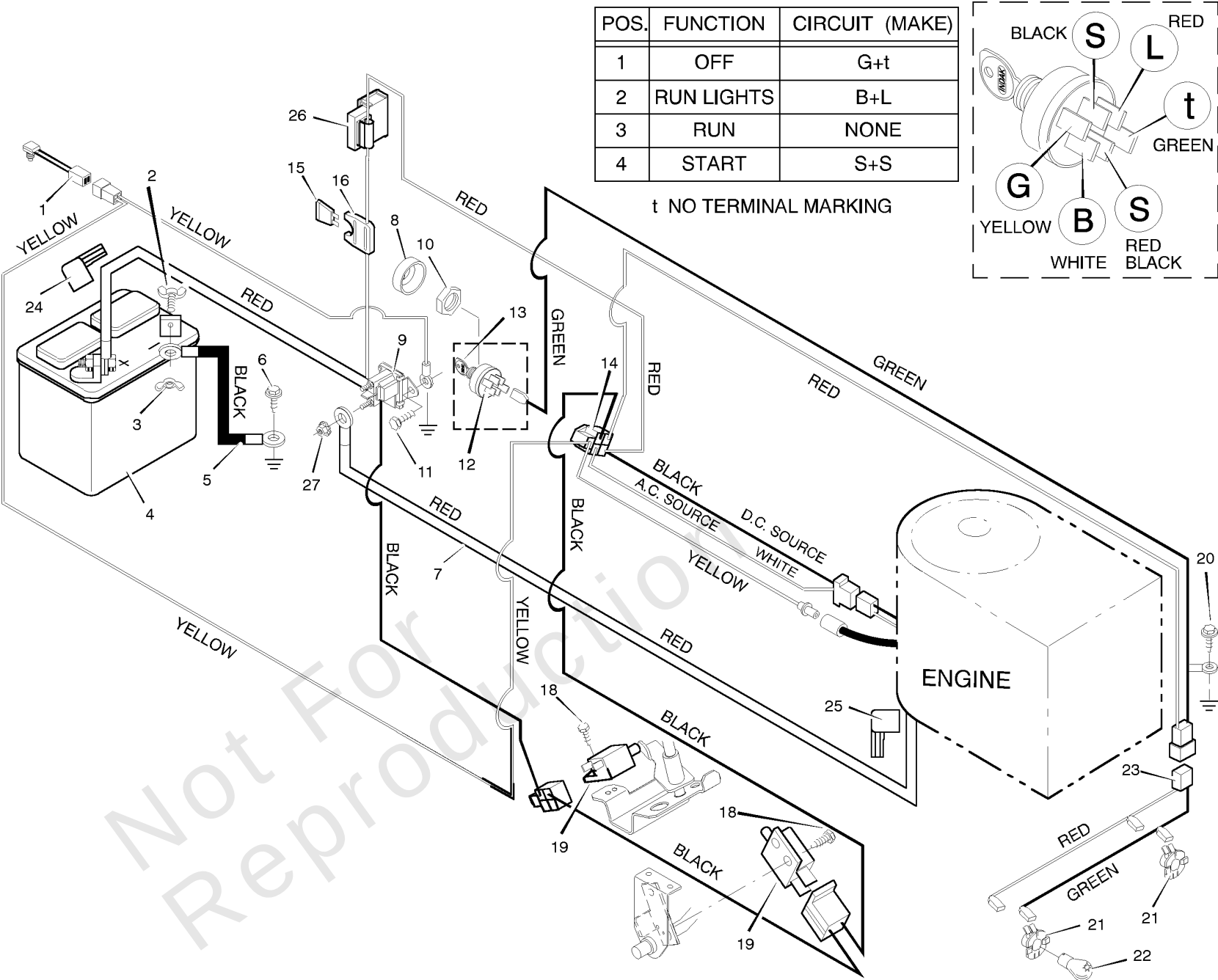
Body Chassis

REF NO	PART NO	QTY	DESCRIPTION
1	92546E700		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	092334E700		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	093043E700		Insert, Rear
15	028X23MA		Push On Cap
16	55149E700		Clip, Battery
17	093336 Z		Clamp, Battery
18	091730 Z		Rod, Pivot
19	015X76MA		Locknut
20	93222E717		Panel, Top
21	0193X1MA		Fastener, Panel
22	092366		Seat
23	92328E245		Fender
24	26X249MA		Screw
25	92599E717		Panel, Left
26	92622E717		Panel, Right
27	093011E245		Running Board, Left
28	093277		Mat, Left
29	403350		Frame Channel
30	093010E245		Running Board, Right
31	093276		Mat, Right
32	093114E701MA		Lifter and Support Assembly
33	093013E701MA		Support Assembly, Front
34	001X38MA		Bolt
35	017X38 Z		Washer
36	092630E701		Gate, Shift
37	091905		Cover, Shift
38	092379E245		Fender, Right
39	015X66MA		Locknut

Electrical System

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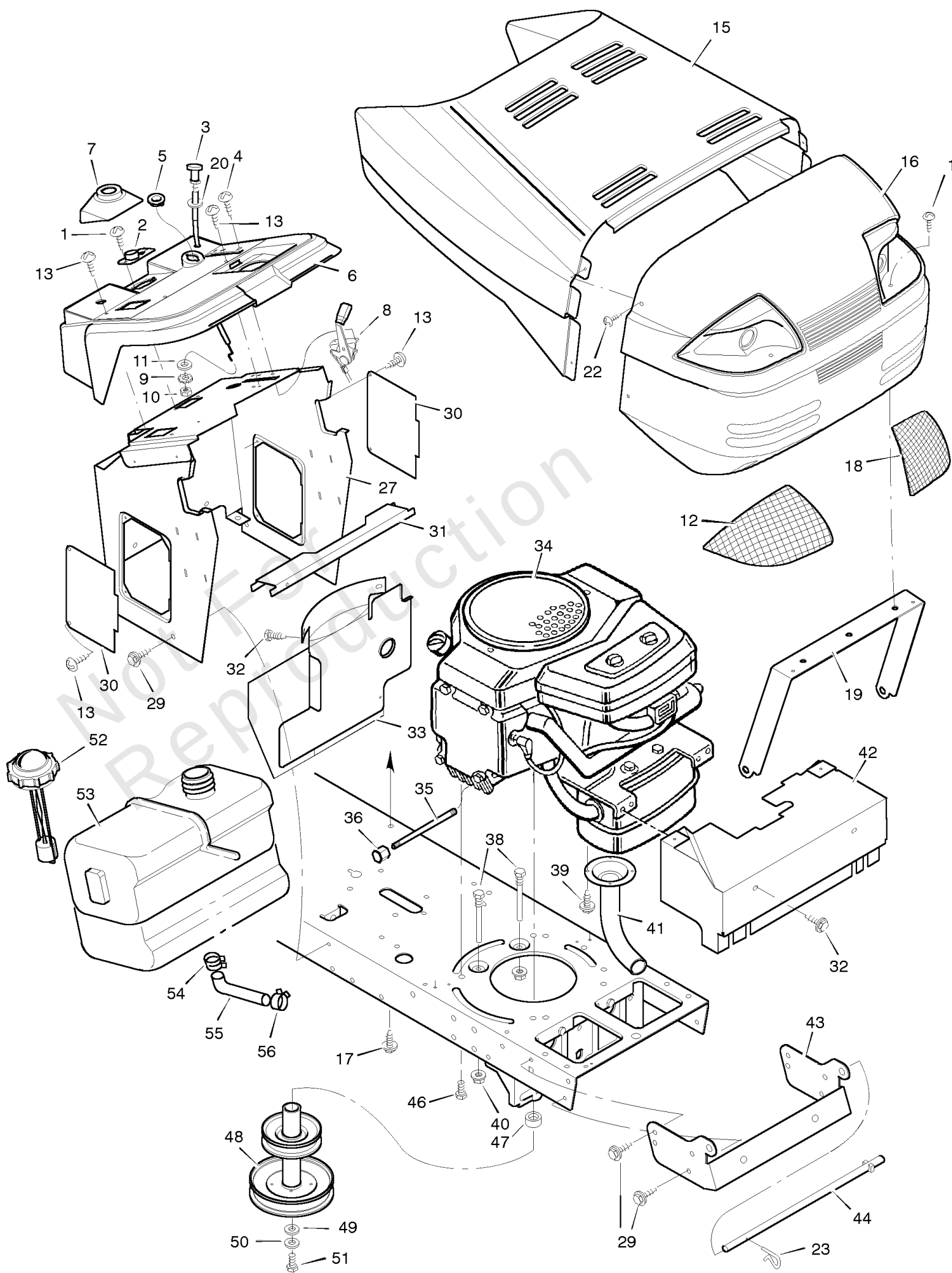
Electrical System

REF NO	PART NO	QTY	DESCRIPTION
1	091031		Switch, Seat Sensor
2	006X99		Bolt
3	014X79MA		Wingnut
4	091414		Battery
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	250X62		Harness, Chassis Wire
15	054212		Fuse
16	407078MA		Holder, Fuse
18	26X233MA		Screw
19	091299MA		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
27	15X116MA		Locknut

Hood & Engine Mount

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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	017X52 Z		Washer
12	092539MA		Lens, Right
13	26X270		Screw
15	093215E245MA		Hood
16	094869		Grille - Gray -(Includes Lens)
17	26X263MA		SCREW.25-20 S-T
18	092540MA		Lens, Left
19	92541 Z		Brace, Grille
20	17X185		Washer
22	009X47MA		Screw
23	0031X4MA		Pin, Hair
27	93163E717		Console Assembly
29	26X249MA		Screw
30	93007E717		Panel, Side Access
31	91329E700		Support, Fuel Tank
32	0025X2MA		Screw
33	93214E701		Baffle, Rear Heat
34	-----		Engine *
35	056261		Oil Drain Extension
36	021651		Oil Drain Cap
38	091754MA		Guide, Belt
39	26X208 Z		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	092249SEMA		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	095197MA		Clamp, Hose
55	093197		Fuel Line
56	095197MA		Clamp, Hose

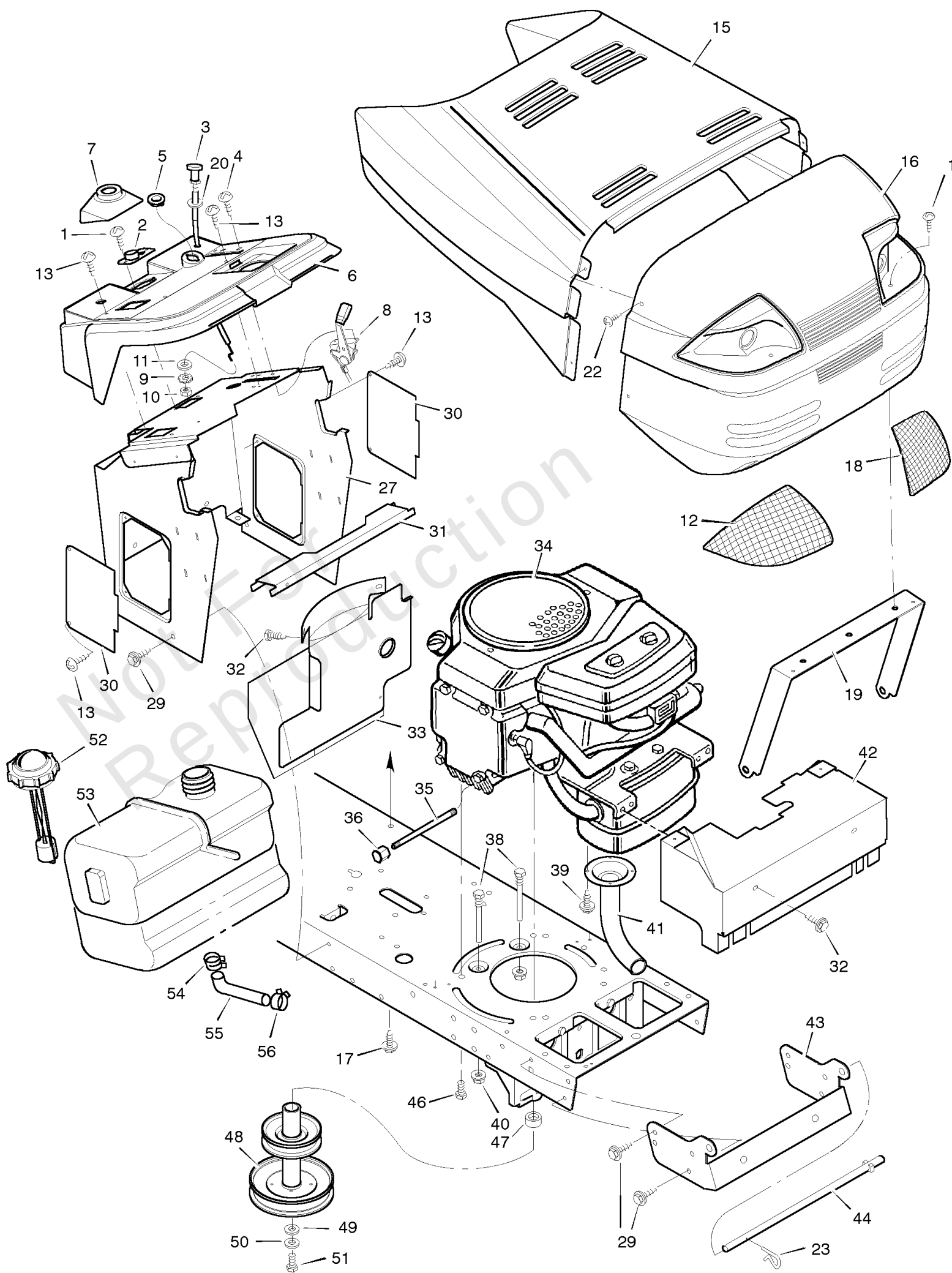
Footnotes:

Note* Parts are available from an 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: 46380x50B



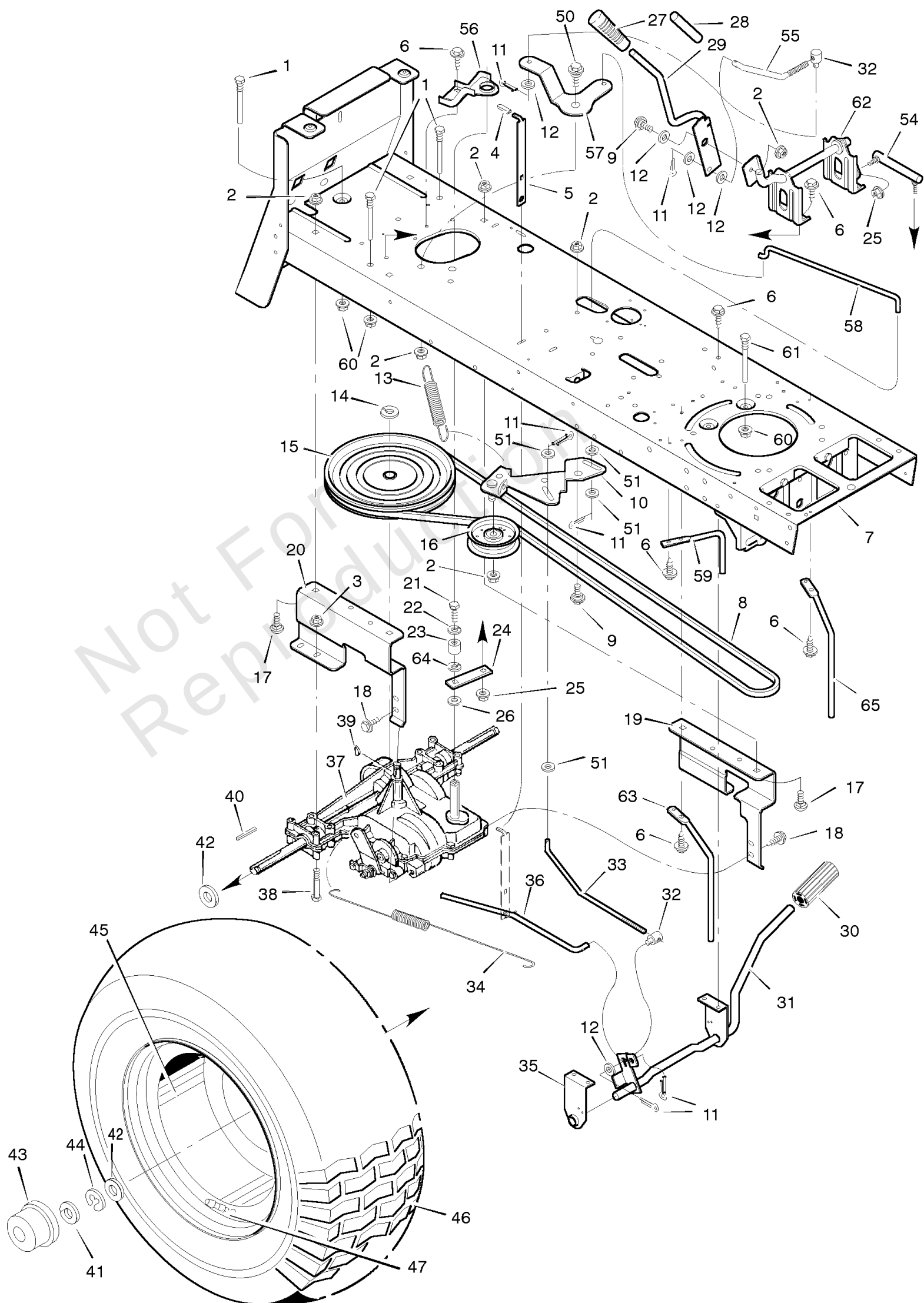
Hood & Engine Mount

REF NO	PART NO	QTY	DESCRIPTION
--	F-98881		Book, Instruction (English)
--	F-98881 FR		Book, Instruction (French)
--	F-98881GR		Book, Instruction (German)
--	F-98882		Repair Parts Book

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Footnotes:

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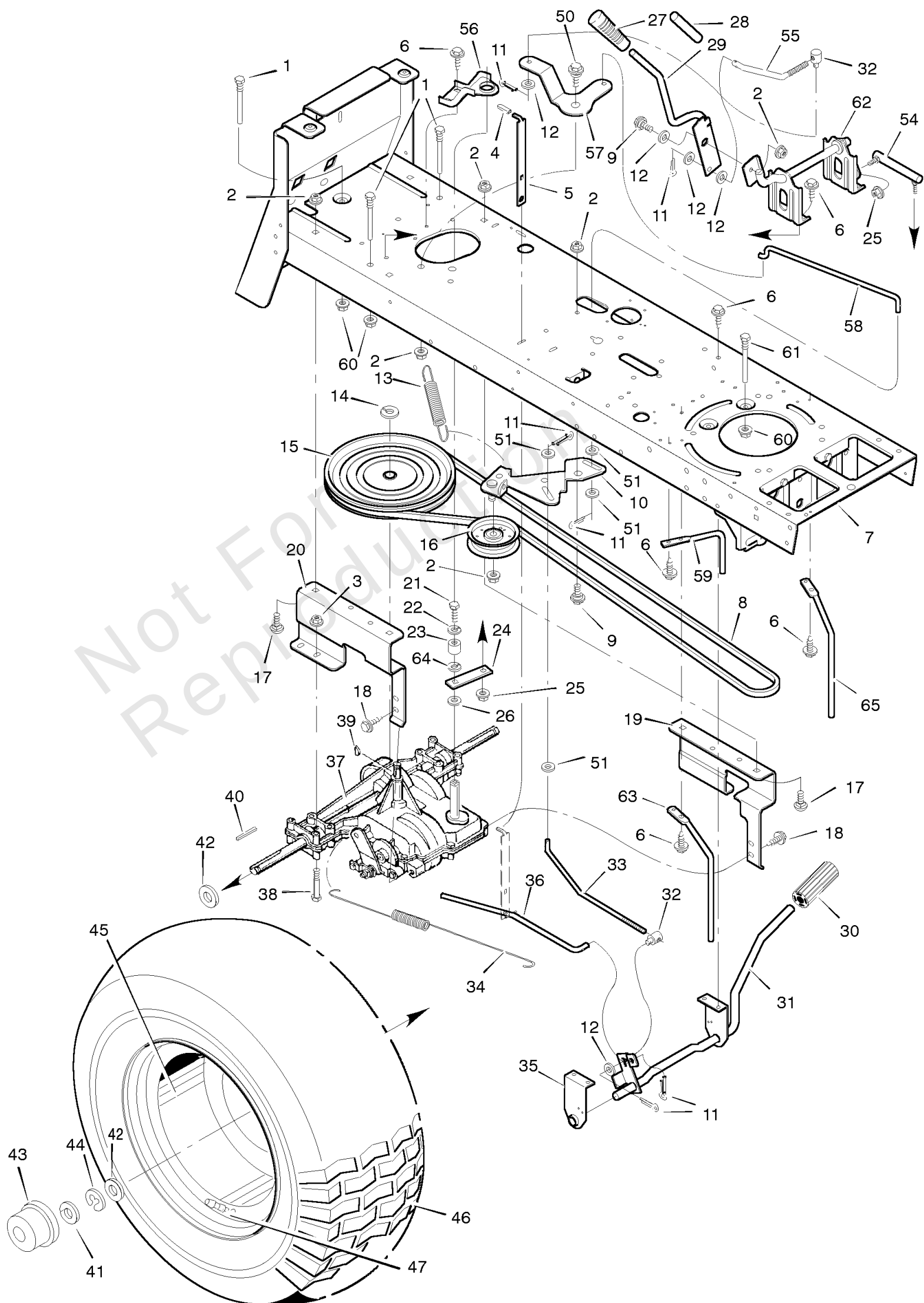
Motion Drive

REF NO	PART NO	QTY	DESCRIPTION
1	020619MA		Guide, Belt
2	015X84MA		Locknut, Flange
3	015X88MA		Locknut, Flange
4	092724		Grip
5	093338E701		Lever, Parking Brake
6	26X249MA		Screw
7	403338		Frame
8	037X68MA		Belt, Motion Drive
9	009X39MA		Bolt, Shoulder
10	092619 Z		Bracket Assembly, Idler
11	030X20MA		Pin, Cotter
12	017X52		Washer
13	165X87MA		Spring, Drive Extension
14	0011X7MA		Ring, Retainer
15	075073MA		Pulley, Motion Drive
16	023339MA		Pulley, Backside Idler
17	002X78		Bolt, Carriage
18	26X207MA		Screw
19	93299E700		Bracket, Left Transaxle
20	93298E700		Bracket, Right Transaxle
21	01X145MA		Bolt, Hex
22	018X32MA		Lockwasher
23	091889		Pilot, Support
24	092041 Z		Yoke, Shift Lever
25	015X87		Locknut
26	17X148MA		Washer
27	55449		Grip
28	020476		Grip, Inner
29	092031SEMA		Lever, Shift
30	021544MA		Pedal, Clutch/Brake
31	093082E700		Lever Assembly, Pedal
32	021920ZMA		Nut, Adjustable
33	093029 Z		Rod, Clutch
34	165X82MA		Spring, Brake Extension
35	091713E701		Bracket, Pedal Support
36	93054E700		Rod, Brake Latch
37	-----		Transaxle, Peerless **
38	01X132		Bolt, Hex
39	020697MA		Key, Woodruff No. 9
40	024039MA		Key, Square
41	17X193MA		Washer
42	17X118 Z		WASHER, 1-1.3 16G FLT
43	094618MA		HUB CAP
44	011X23MA		E- Ring
45	093263-601		Wheel & Tire Assembly
46	407920		Tire Only * -(Included with Ref. No. 45)
--	407051		Tube

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** Contact your nearest Peerless transaxle dealer for parts and service.



Motion Drive

REF NO	PART NO	QTY	DESCRIPTION
47	024373MA		VALVE STM&CP,TR41 SE -(Included with Ref. No. 45)
50	009X42MA		Bolt, Shoulder
51	017X47MA		Washer
52	017X53MA		Washer
54	092615		Link, Shifter
55	093305		Link, Clutch
56	092614 Z		Bracket, Support
57	092620 Z		Bracket, Pivot
58	092616 Z		Rod, Clutch
59	092629 Z		Guide, Belt
60	015X79MA		Nut, Flange
61	091754MA		Guide, Belt
62	92626E700		Shifter Assembly
63	92533 Z		Guide, Belt
64	017X38 Z		Washer
65	92533 Z		Guide, Belt

Footnotes:

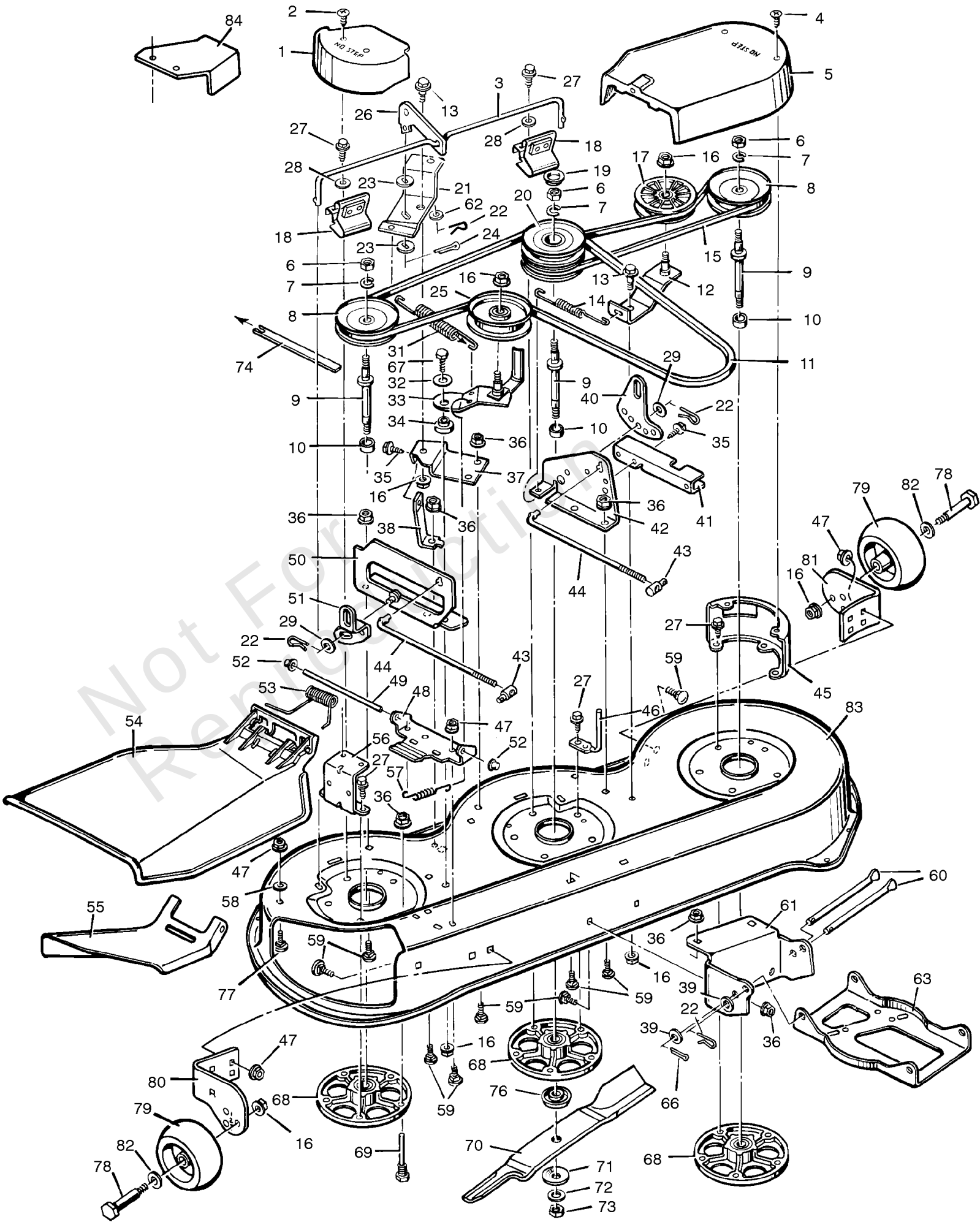
Note* When you order a tire, make sure to give the brand name of the tire so that the tread pattern on the tire will match.

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Mower Housing

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 46380x50B



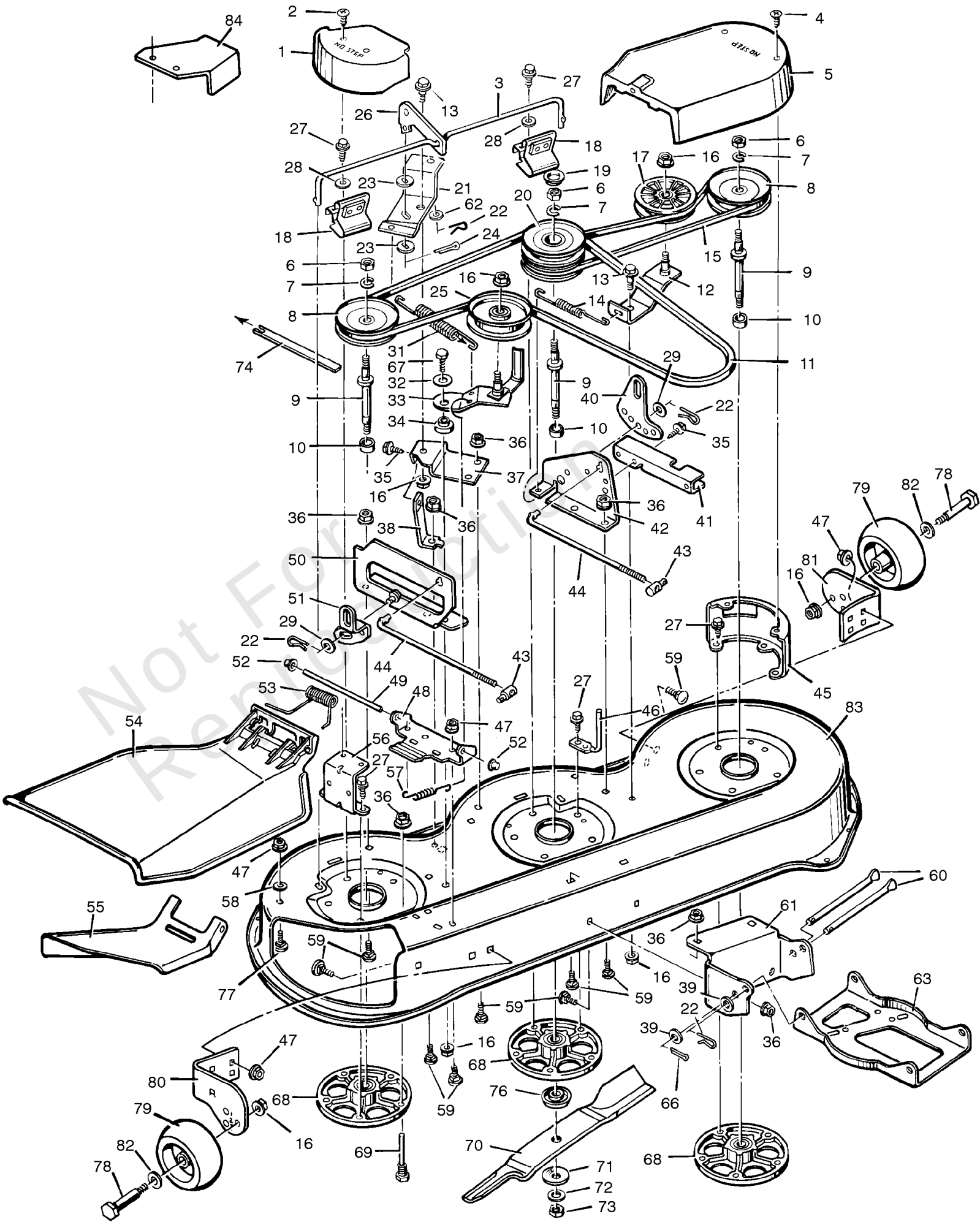
Mower Housing

REF NO	PART NO	QTY	DESCRIPTION
1	92145E700		Cover, Pulley
2	26X266		Screw
3	092129 Z		Rod, Brake
4	26X258MA		Screw
5	092154MA		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	92112E700		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	015X79MA		Nut, Hex
37	092115E701		Support, Pivot
38	092158E700		Strut, Pivot
39	17X103MA		Washer
40	093097E701MA		Plate, Adjuster
41	092138E701		Channel, Left Cover
42	092109E700		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	093088E700		Bracket Assembly, Lifter
51	093096E701MA		Link, Suspension
52	028X23MA		Push- On Cap

Mower Housing

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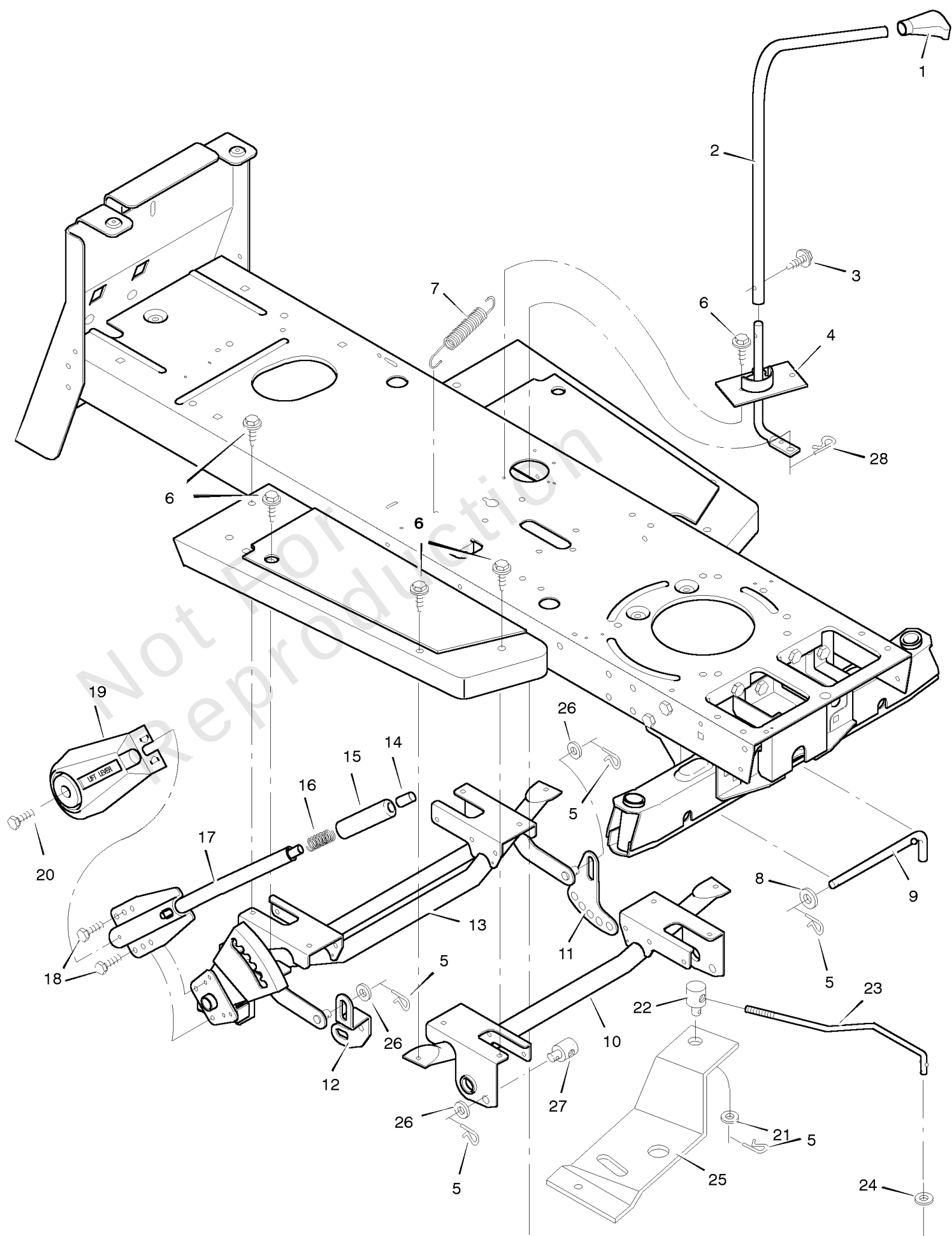
Mower Housing

REF NO	PART NO	QTY	DESCRIPTION
53	166X34MA		Spring, Torsion
54	092100MA		Deflector
55	092103E701MA		Deflector, Inside
56	092140E700		Bracket, Cover
57	165X86MA		Spring, Extension
58	017X57MA		Washer
59	002X53MA		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	091754MA		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	009X23		Bolt, Shoulder
79	092683MA		Wheel, Gauge
80	92259E700		Bracket, Right Gauge Wheel
81	094919E700		Bracket, Left Gauge Wheel
82	17X102MA		Washer
83	093086E701MA		Housing, Mower
--	403341		Mower Housing, Complete -(Includes Ref. No's 1-83)
84	93130E700		Guard

Mower Housing Suspension

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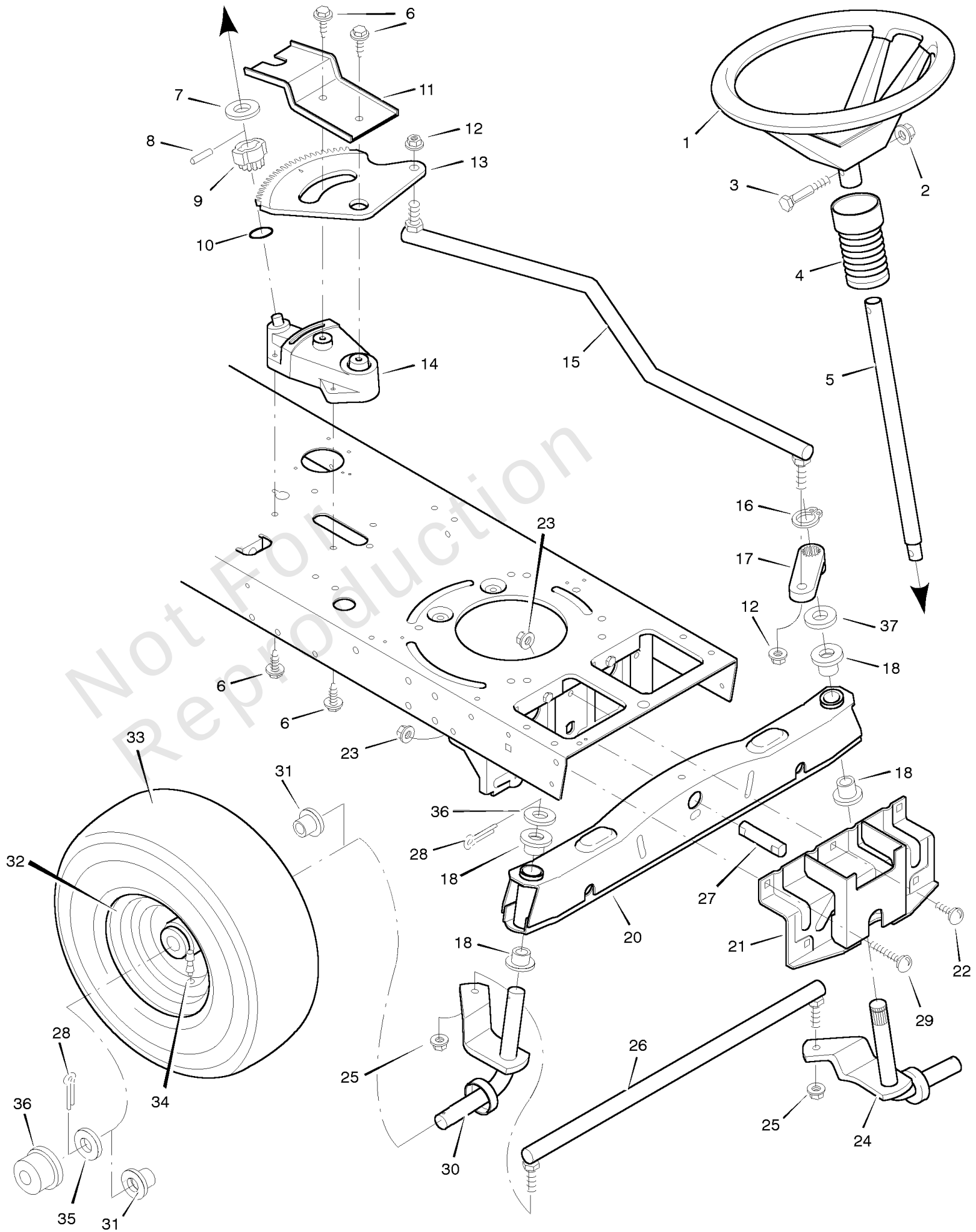
Mower Housing Suspension

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	090827 Z		Pin, Pull
10	093013E701MA		Support Assembly, Front
11	093097E701MA		Plate, Adjuster
12	093096E701MA		Link, Suspension
13	093114E701MA		Support, Lifter
14	092572MA		Button, Push
15	092783MA		Grip
16	164X21MA		Spring, Compression
17	091823SEMA		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	017X47MA		Washer
25	093052E701		Bracket, Pivot
26	017X91MA		Washer
27	092132MA		NUT, Adjusting, 1/2-13
28	0031X6MA		Pin, Hair

Steering

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Steering

REF NO	PART NO	QTY	DESCRIPTION
1	094870		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	093081E700		Clip, Gear Retainer
12	15X112MA		NUT.50-20 HEX FLG SER
13	093062MA		Gear, Sector
14	093038MA		Support, Steering
15	093061E701MA		Link, Drag
16	011X22MA		E- Ring
17	93059E700		Arm, Drag Link
18	093058MA		Bearing
20	093219E701MA		Axle Assembly -(with grease fittings)
21	093080E700		Hanger Assembly, Axle
22	002X56		Bolt, Carriage
23	015X84MA		Locknut, Flange
24	093031E701MA		Spindle Assembly, Left
25	015X87		Locknut, Flange
26	93060E700		Rod, Tie
27	021469MA		Pin, Pivot
28	030X49MA		Pin, Cotter
29	002X60		Bolt, Carriage
30	093030E700		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	17X194MA		Washer
36	094618MA		HUB CAP -(Optional)
37	017X75MA		Shim

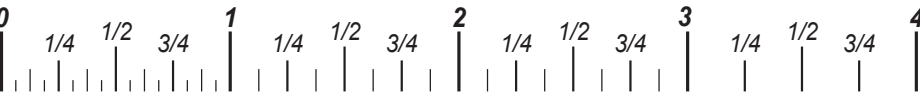
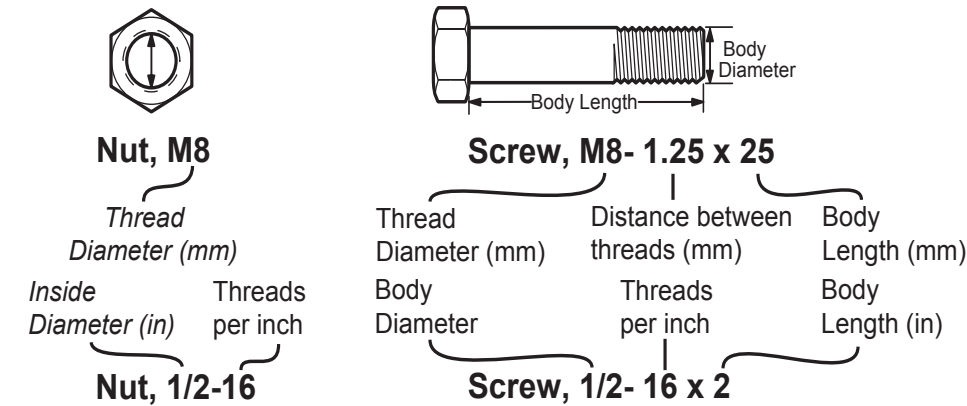
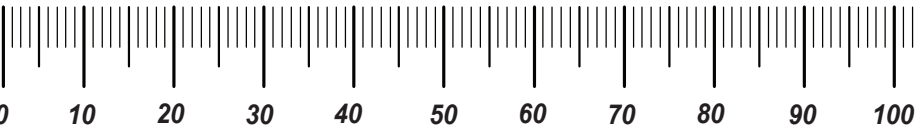
Footnotes:

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).

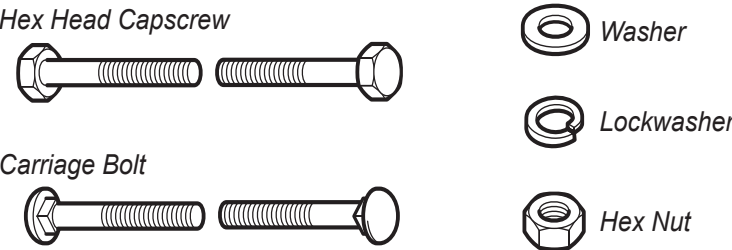
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

