



# Parts Manual

Mfg. No: 2691573-00  
, SZ2454, 54" 24 Gross HP Zero Turn  
Rider



---

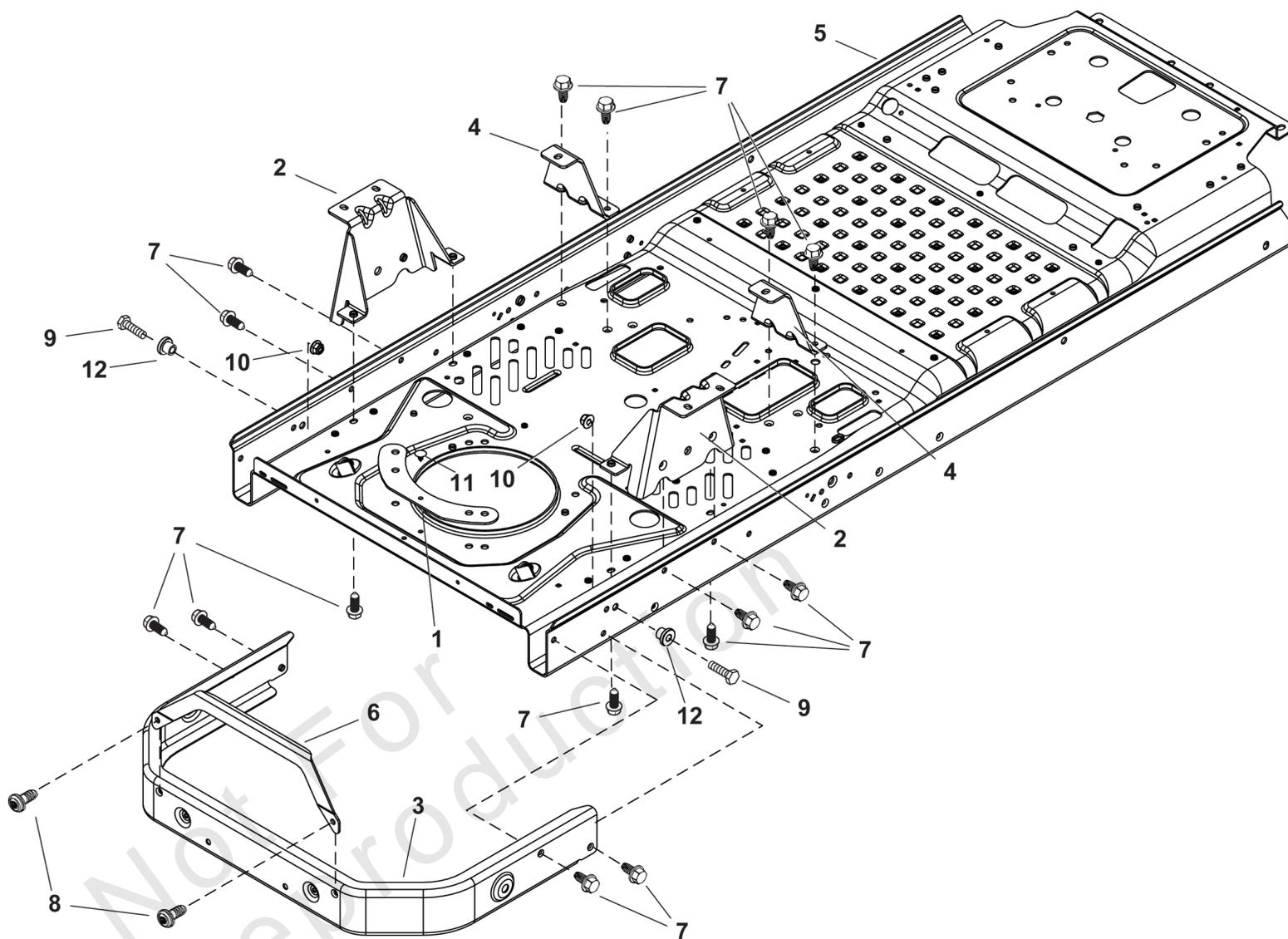
<b>Model Components</b>	<b>Page</b>
Bumper Group.....	4
Controls Group.....	6
Decals Group.....	8
Engine Accessories Group.....	10
Frame Group.....	12
Front Axle Group.....	14
Fuel Tank Group.....	16
Lift Group.....	18
Mower Deck Group.....	20
Platform Group.....	22
Schematics Group.....	24
Seat Group.....	26
Transmission Group.....	28
Torque Specification Chart.....	30

Not For  
Reproduction

# Bumper Group

Note: Unless noted otherwise, use the standard torque specifications

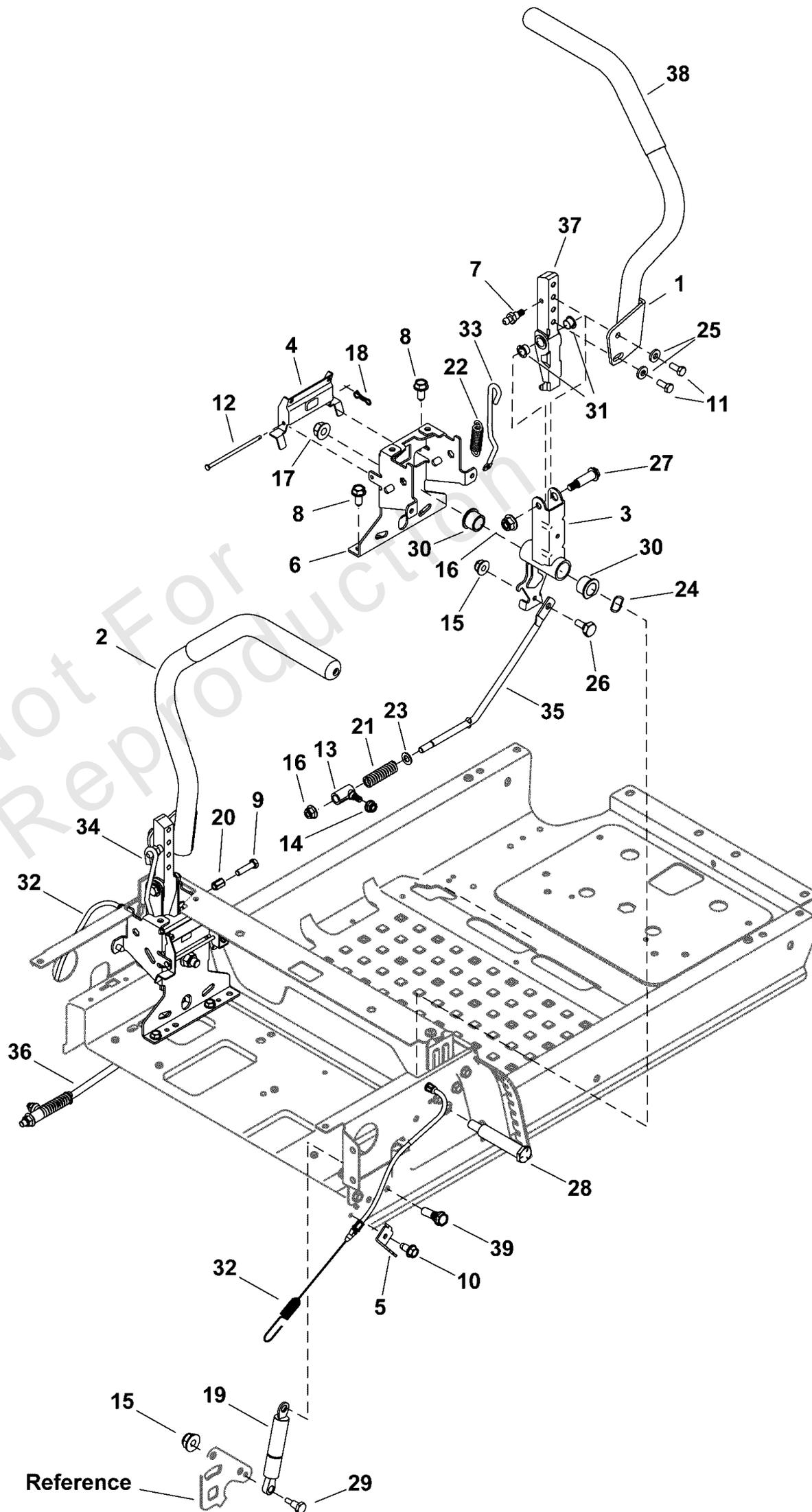
Mfg. No: 2691573-00



## Bumper Group

REF NO	PART NO	QTY	DESCRIPTION
1	84003508	1	PLATE, Retainer
2	771349	2	BRACKET, Transmission Mounting (RH)
3	771173	1	BUMPER, Bumper
4	771350	2	BRACKET, Transmission Mounting (LH)
5	771351	1	FRAME
6	771192	1	BRACKET, Rear Muffler Shield
7	771177	18	SCREW, 5/16-18 X .750, Hex Washer
8	771193	2	SCREW, 5/16-18, 0.750, Self-Tapping
9	771179	9	SCREW, 3/8-16 X 1.25, Hex
10	703333	2	NUT, 3/8-16, Flanged Lock, GR5
11	771144	1	CLIP, .250 DIA. X .500 LG
12	778881	2	SPACER, .38 X 1.0 X .70, Shoulder

Not For Reproduction



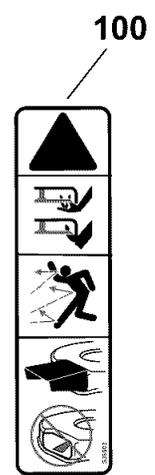
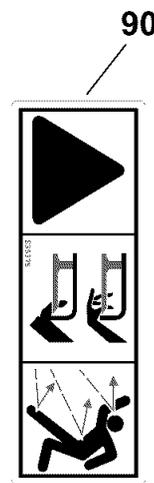
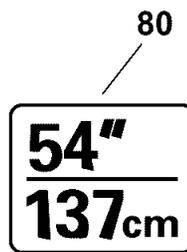
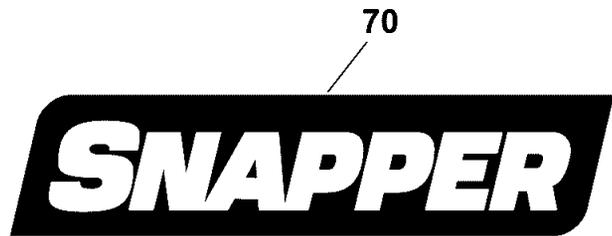
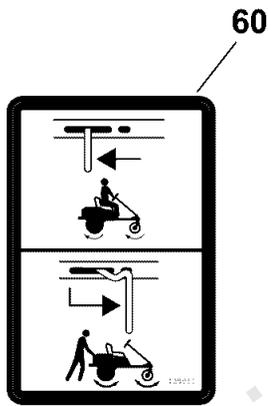
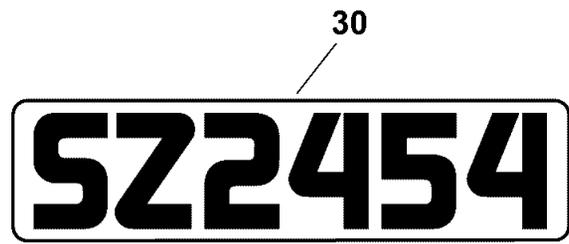
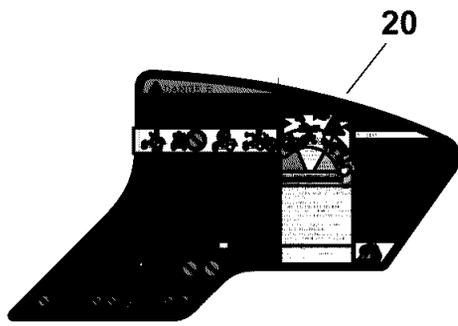
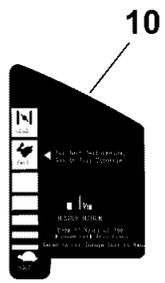
## Controls Group

REF NO	PART NO	QTY	DESCRIPTION
1	771276	1	ASSEMBLY, RH Lapbar Lever
2	771277	1	ASSEMBLY, LH Lapbar Lever
3	771278	2	BRACKET, Lapbar Pivot
4	771279	2	ACTUATOR, Brake Lever
5	771139	2	BRACKET, Brake Cable
6	771280	2	BRACKET, Lapbar Pivot Support
7	771281	2	SCREW, 5/16-18 X .48, Shoulder Ball
8	771177	4	SCREW, 5/16-18 X .750, Hex Washer
9	771282	2	SCREW, 5/16-18 X 1.25, Hex Cap
10	703624	2	SCREW, TT, 1/4-20 x 1/2
11	771283	4	SCREW, 5/16-18 X .75, Hex Head Patch
12	771284	2	PIN, .188 X 4.1
13	771285	2	FERRULE, 3/8 ID X .420, Shoulder
14	84005079	2	LOCKNUT
15	703463	3	NUT, Flange Nylock , 1/4-20
16	703333	2	NUT, 3/8-16, Flanged Lock, GR5
17	771216	2	NUT, 1/2-13, Flange Lock
18	771150	2	PIN, 1/4-5/16, Bow Tie Cotter
19	771286	1	DAMPENER, .87 OD X 7.06 LG
20	771287	2	NUT, 5/16-18
21	771288	2	SPRING, .45 X 3.215, Compression
22	771289	2	SPRING, .56 X 2.31 X .105, Extension
23	771290	2	WASHER, .385 X .62 X .063, Flat
24	771291	2	WASHER, .785 X 1.0 X .012, Wave
25	771292	4	WASHER, .344 X .750 X .120, Flat
26	771293	2	SCREW, .375 DIA. X .181, Shoulder
27	771294	2	SCREW, .498 DIA. X 1.296, Shoulder
28	771295	2	SCREW, .75 X 3.25 X 1/2-13, Shoulder
29	771296	1	SCREW, .395 DIA. X .56, Shoulder
30	771297	4	BEARING, .75 X 1.00 X .73
31	771298	4	BEARING, .500 X .627, Flange
32	771157	2	CABLE, Park Prake
33	771299	1	ROD, Lapbar Detent, RH
34	771300	1	ROD, Lapbar Detent, LH
35	771301	1	ROD, Hydro Control, RH
36	771302	1	ROD, Hydro Control, LH
37	771303	2	ARM, Lower
38	771304	2	GRIP, Lapbar
39	771305	2	SCREW, .395 DIA. X .83, Shoulder

# Decals Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691573-00



## ***Decals Group***

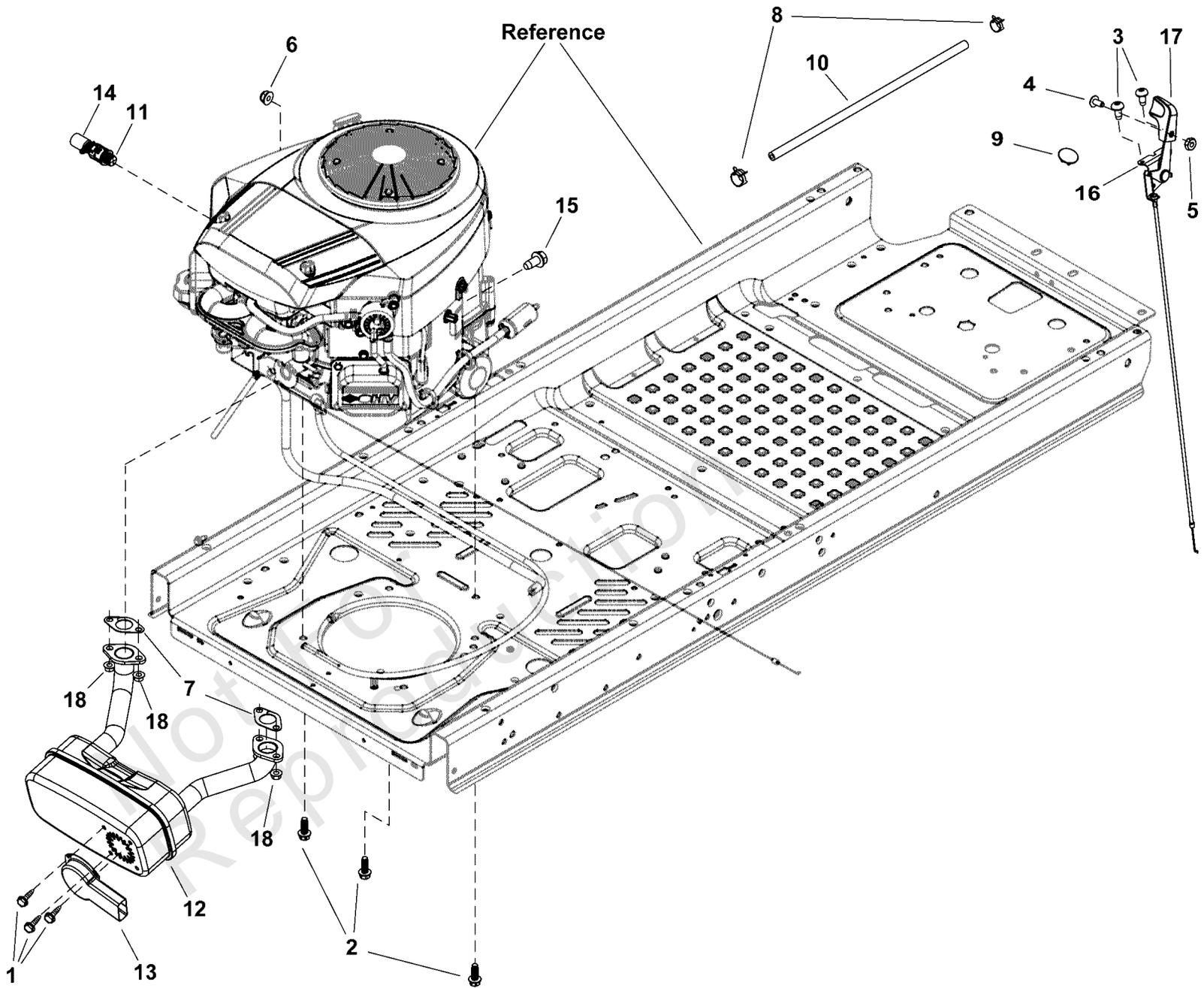
<b>REF NO</b>	<b>PART NO</b>	<b>QTY</b>	<b>DESCRIPTION</b>
10	771668	1	DECAL, Speed Shift
20	771669	1	DECAL, Starting Instructions
30	771678	1	DECAL, SZ2454
40	771674	1	DECAL, Snapper Logo
50	771673	1	DECAL, Transmission Release
60	771672	1	DECAL, Lap Bar Controls
70	771671	1	DECAL, Cutting Height
80	771679	1	DECAL, Mower Width 54IN/134CM
90	771676	1	DECAL, Danger
100	771677	1	DECAL, Danger

Not For Reproduction

# Engine Accessories Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691573-00



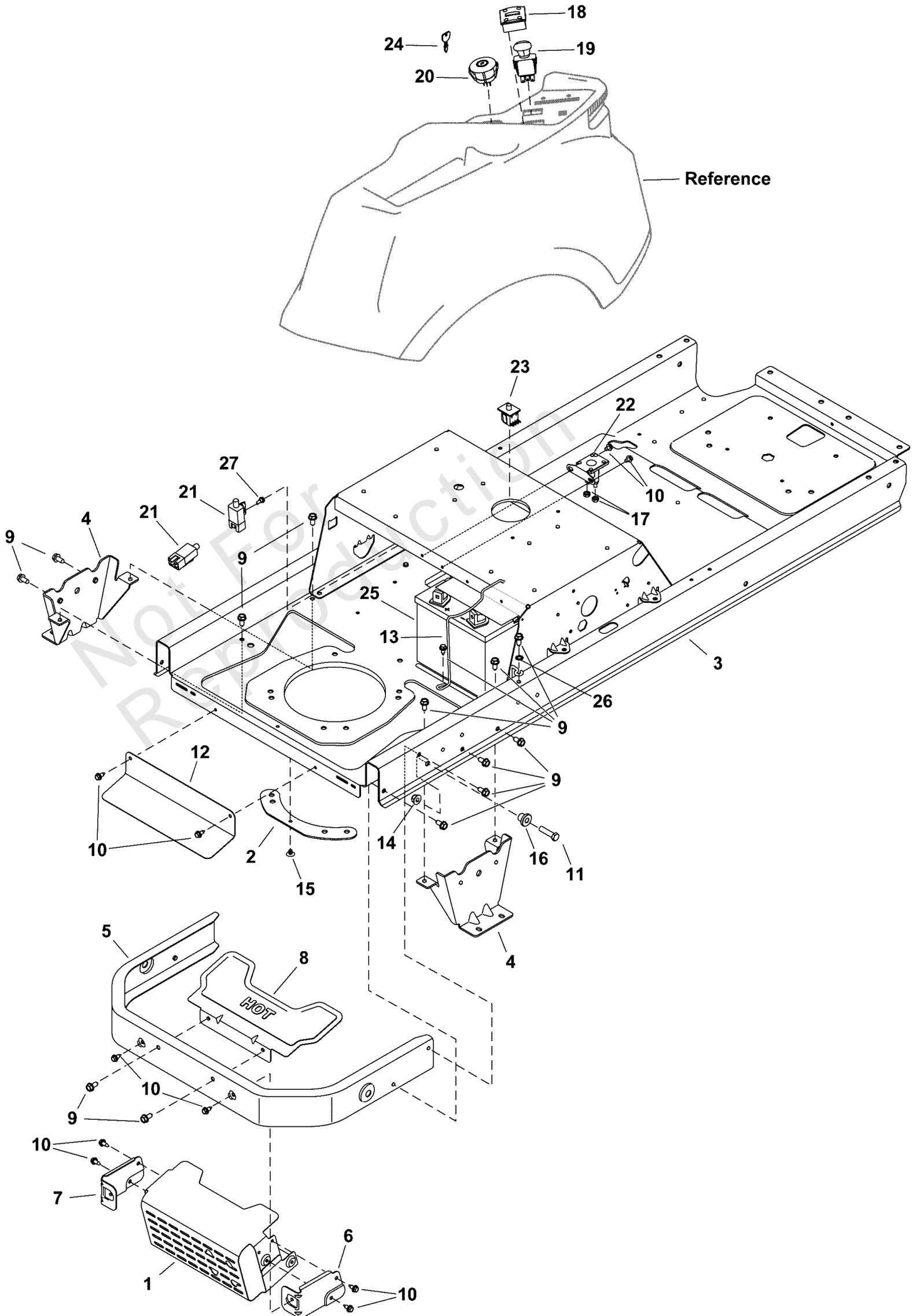
## Engine Accessories Group

REF NO	PART NO	QTY	DESCRIPTION
1	771194	3	SCREW, #8-18 X .500, Hex Washer
2	703407	3	CAPSCREW, Hex Head, 3/8-16 x 1, GR5
3	771195	2	SCREW, 1/4-20 X .50
4	771197	1	SCREW, #8-32 X .375
5	771198	1	NUT, #8-32, Hex
6	703463	1	NUT, Flange Nylock , 1/4-20
7	771199	2	GASKET, Exhaust
8	771200	2	CLAMP, .490 DIA., Hose
9	771202	1	PLUG, Choke
10	771360	1	HOSE, Fuel
11	771205	1	DRAIN, Oil
12	771361	1	MUFFLER, Exhaust (Twin)
13	771207	1	DEFLECTOR, Muffler, Long
14	771208	1	HOSE, Oil Drain
15	703624	1	SCREW, TT, 1/4-20 x 1/2
16	771203	1	CABLE, Throttle/Choke Control
17	771201	1	KNOB, Throttle Control
18	771362	4	NUT, M8, Hex Flange

# Frame Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691573-00



## Frame Group

REF NO	PART NO	QTY	DESCRIPTION
1	771355	1	ASSEMBLY, Muffler Shield
2	771170	1	PLATE, Retainer
3	771356	1	ASSEMBLY, Frame
4	771172	2	BRACKET, Transmission Mounting
5	771358	1	BUMPER, Rear
6	771174	1	BRACKET, Muffler Mounting Shield, RH
7	771175	1	BRACKET, Muffler Mounting Shield, LH
8	771176	1	SHIELD, Muffler
9	771177	15	SCREW, 5/16-18 X .750, Hex Washer
10	771178	11	SCREW, 1/4-20 X .625, Hex Washer
11	771179	2	SCREW, 3/8-16 X 1.25, Hex
12	771180	1	SHIELD, Lower Heat
13	771147	1	ROD, Battery
14	703333	2	NUT, 3/8-16, Flanged Lock, GR5
15	771144	1	CLIP, .250 DIA. X .500 LG
16	778881	2	SPACER, .38 X 1.0 X .70, Shoulder
17	703463	2	NUT, Flange Nylock , 1/4-20
18	771357	1	HOUR METER/SERVICE MINDER
19	771183	1	SWITCH, Electric PTO
20	771359	1	SWITCH, Key Ignition
21	771185	1	SWITCH, Interlock
22	771186	1	SOLENOID
23	771187	1	SWITCH, Seat
24	771188	1	ASSEMBLY, Key
25	771190	1	BATTERY
26	771189	1	WASHER, 5/16, EXT., Lock
27	771191	1	SCREW, #10-32 X .500, Shoulder
	771577	1	ASSEMBLY, Harness -Not Shown



## Front Axle Group

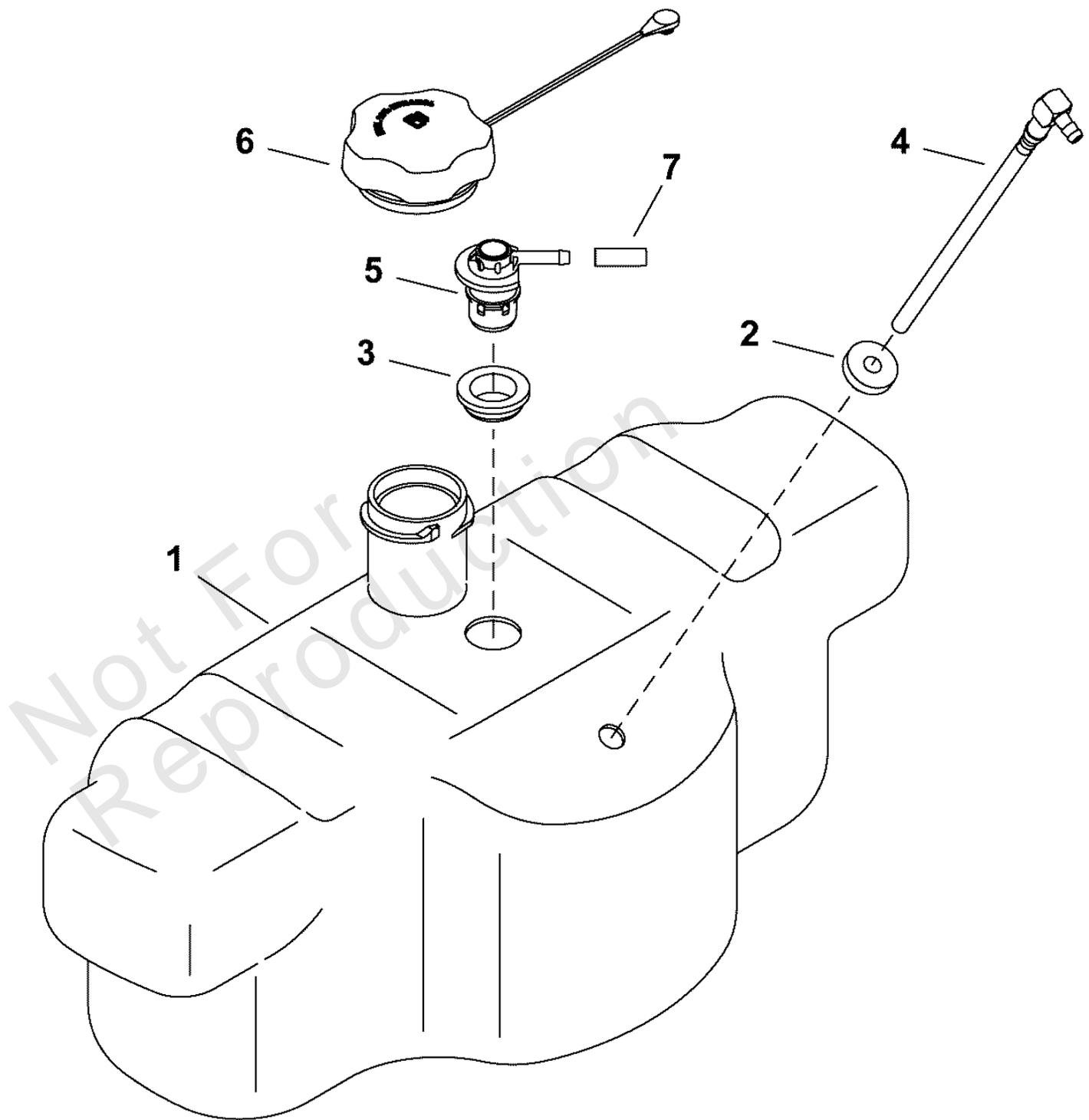
REF NO	PART NO	QTY	DESCRIPTION
1	771210	4	SCREW, 3/8-16 X 3.75 GR5
2	771363	2	SPACER
3	771146	2	SCREW, 3/8-16 X .75 GR 5
4	771364	4	HUB
5	771213	2	CAP, Caster Axle
6	771214	2	WASHER, 1.010X1.560X.060
7	771365	2	BOLT, Shoulder
8	771366	4	NUT
9	771217	2	SCREW, 3/8-16 X 2.00 GR5
10	771367	1	ASSEMBLY, Front Axle
11	771143	2	SCREW, 3/8-16 X 1 GR5
12	84005894	2	NUT, 3/8-16, Hex Flange
13	771219	4	BEARING, Ball
14	771220	2	WASHER, Wave
15	771221	2	SPACER, Shoulder
16	84004098	2	YOKE, Caster Wheel
17	84004099	2	CASTER, Wheel

Not For Reproduction

# Fuel Tank Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691573-00



## Fuel Tank Group

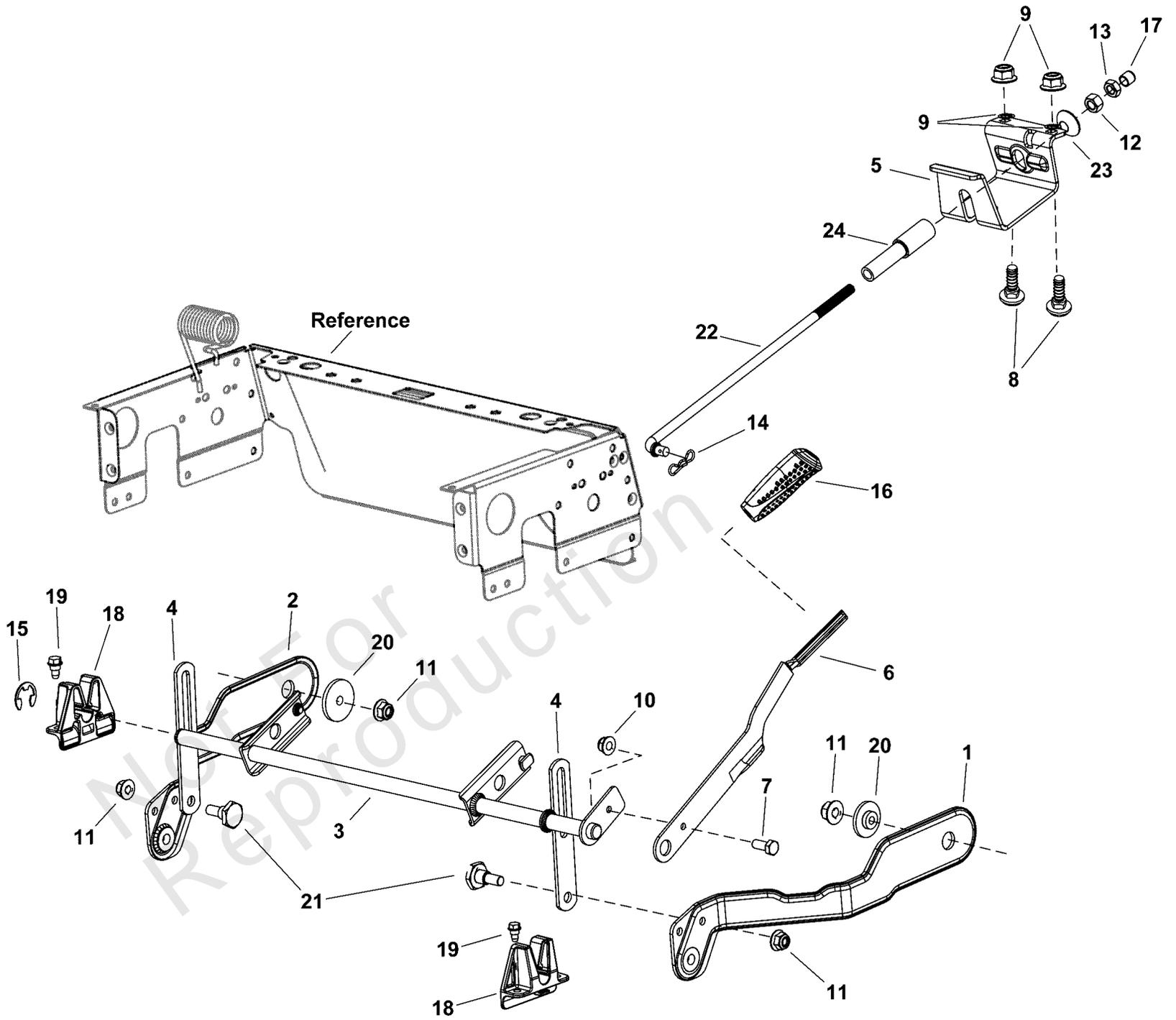
REF NO	PART NO	QTY	DESCRIPTION
1	771248	1	TANK, Fuel
2	771249	1	BUSHING, Fuel Tank
3	771250	1	GROMMET, Rubber
4	771251	1	FITTING, Fuel Pickup
5	771252	1	VALVE, Rollover
6	771253	1	CAP, Fuel
7	84003503	1	HOSE, Vent

Not For Reproduction

# Lift Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691573-00



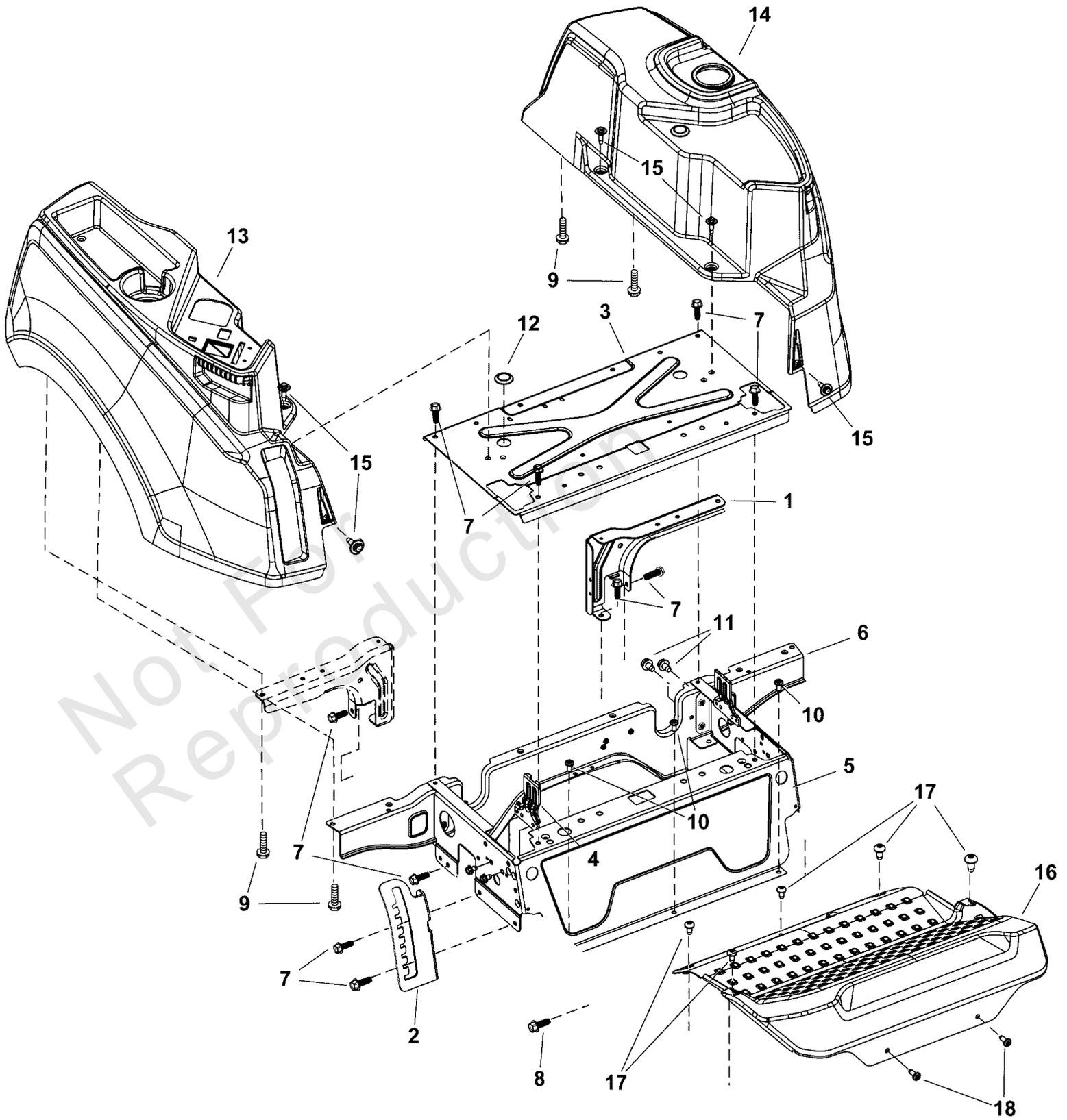
## Lift Group

REF NO	PART NO	QTY	DESCRIPTION
1	771255	1	PLATE, Deck Lift, RH
2	771256	1	PLATE, Deck Lift, LH
3	771257	1	ASSEMBLY, Deck Lift Shift
4	771258	2	PLATE, Lift Link
5	771259	1	BRACKET, Rod Support Mounting
6	771260	1	HANDLE, Deck Lift
7	771261	1	SCREW, 5/16-18 X .75, Hex Cap
8	771262	2	BOLT, 3/8-16 X 1.00, Carriage
9	771263	2	NUT, 3/8, Push
10	84005079	1	LOCKNUT
11	703333	6	NUT, 3/8-16, Flanged Lock, GR5
12	771264	1	NUT, 1/2-13, Hex Nylock
13	771265	1	NUT, 1/2-13, Hex
14	771266	1	PIN, Bow Tie Cotter
15	771267	1	E-RING
16	771268	1	GRIP
17	771269	1	END CAP, Lift Rod
18	771270	2	BRACKET, Deck Lift
19	703521	2	BOLT, Shoulder, 1/4-20 x 1/2"
20	771271	2	SPACER, Shoulder -S
21	771272	2	SCREW, 3/8-16, Shoulder
22	771273	1	ROD, Deck Front Lift
23	771274	1	CUP, Lift Pivot
24	771275	1	SLEEVE, .55 ID X 4.50 LG



## Mower Deck Group

REF NO	PART NO	QTY	DESCRIPTION
1	-----	1	MOWER DECK -Not Serviced
2	84003505	2	BRACKET, Deck Lift
3	771373	3	ASSEMBLY, Spindle -(Includes Ref Nos.13,35,43,42,44,45,46)
4	84003506	1	ASSEMBLY, Idler Arm
5	771374	2	SCREW 3/8-16 X 1.75 GR5, Hex
6	771319		SCREW, 5/16-18 X 1.00, Hex Cap
7	771375	1	SCREW, 7/16-20 X 3.5 GR5
8	771315	1	SCREW, 3/8-16, Hex Flange
9	771311	12	SCREW, 5/16-18 X .750, Hex Washer
10	771377	1	SCREW, 3/8-16 X 3.25 GR8
11	84005079	1	LOCKNUT
12	703333	5	NUT, 3/8-16, Flanged Lock, GR5
13	771318	3	NUT, 5/8-18 Hex Flange
14	771320	2	PIN, 5/32 X 1.25, Cotter
15	771321	2	GEAR, Deck Adjustment
16	771322	1	CLUTCH, Electric PTO
17	703557	2	ADAPTER, Water Nozzle
18	703502	2	NOZZLE, Water
19	771390	1	COVER, Spindle, RH
20	771391	1	COVER, Spindle, LH
21	771325	1	SPRING, 1.25 OD X 1.751, Extension
22	771324	2	SPRING, .66 X 1.9, Compression
23	771326	2	WHEEL, 5.0, Deck Ball
24	771328	1	WASHER, .450 X 1.25 X .164, Flat
25	84005076	7	SCREW, Shoulder, 1/4-20 x 1/2
26	771386		SPACER, Shoulder
27	771331	2	SCREW, .5 X 2.5 X 3/8-16, Shoulder
28	771387	3	BLADE, 18.61" (2N1)
29	771333	1	ROD, Deck Spring
30	771334	2	ROD, Deck Hangar
31	771159	2	SPACER, Shoulder
32	771388	1	V-BELT, B Sec X 148.25 LG
33	771337	1	PULLEY, 5.00 DIA., Idler
34	771389	2	PULLEY, 4.50" DIA, Idler
35	771339	3	SHIELD, Bearing
36	771164	3	PULLEY CAP, Idler Pulley
37	84003507	1	ASSEMBLY, Chute
38	771327	1	CAP, Push
39	771346	1	SPRING, .440 ID X 1.75, Torsion
40	771345	1	PIN, Hinge
41	771347	1	BRACKET, Chute, 42?
42	771396	3	SHAFT, 6.11" LG, Blade Spindle, Star
43	771341	6	BEARING, Ball
44	771342	3	SPACER, .792 X 1.060 X 1.860
45	771395	3	SPACER, .792 X 1.060 X 1.782
46	771393	3	PULLEY, 5.57" Dia., Spindle
47	771330	1	CAP, .290 X .500
48	771384	1	WASHER, 3/8, Flat
49	771317	1	SCREW, 1/4-20 X .62, Hex Cap
50	703463	1	NUT, Flange Nylock , 1/4-20



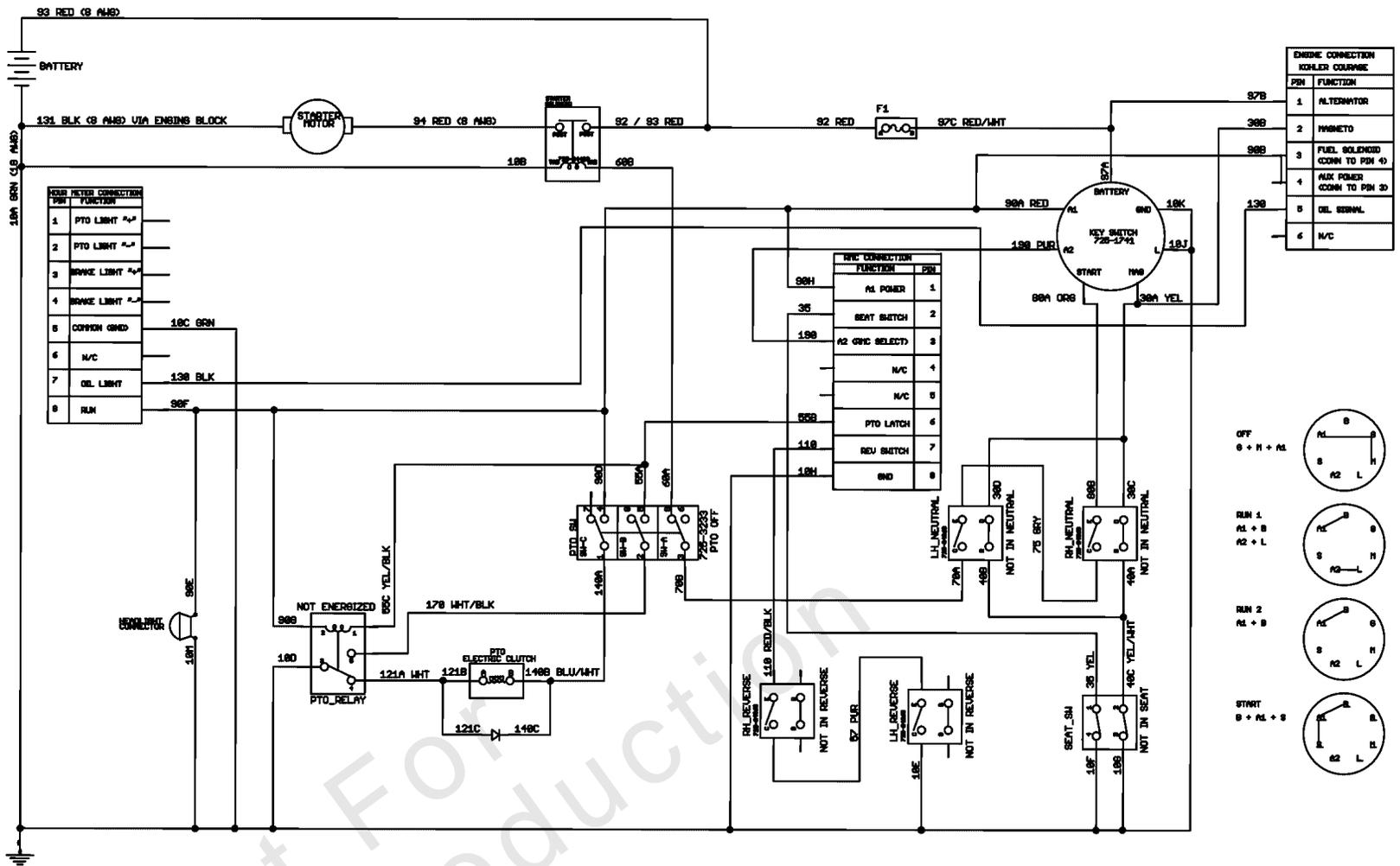
## Platform Group

REF NO	PART NO	QTY	DESCRIPTION
1	771224	1	BRACKET, Rear Tank
2	771225	1	BRACKET, Height Index
3	771226	1	PLATE, Seatbox Top
4	771228	2	BRACKET, Lapbar Brace
5	771227	1	FRAME, Seat
6	771229	2	BRACE, Rear Seatbox Brace
7	771177	12	SCREW, 5/16-18 X .750, Hex Washer
8	703407	2	CAPSCREW, Hex Head, 3/8-16 x 1, GR5
9	770511	4	SCREW, 5/16-14 X 1.0
10	771230	3	SCREW, 5/16-18 X .750
11	771231	6	SCREW, 5/16-18 X .500
12	771232	2	PLUG
13	771233	1	CONSOLE, (RH)
14	771234	1	CONSOLE, (LH)
15	771235	6	SCREW, M6-1 .368 X.115, Shoulder
16	771236	1	FLOORBOARD
17	771195	5	SCREW, 1/4-20 X .50
18	771193	2	SCREW, 5/16-18, 0.750, Self-Tapping

# Schematics Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691573-00



Not For Reproduction

**Schematics Group**

---

REF NO	PART NO	QTY	DESCRIPTION
--------	---------	-----	-------------

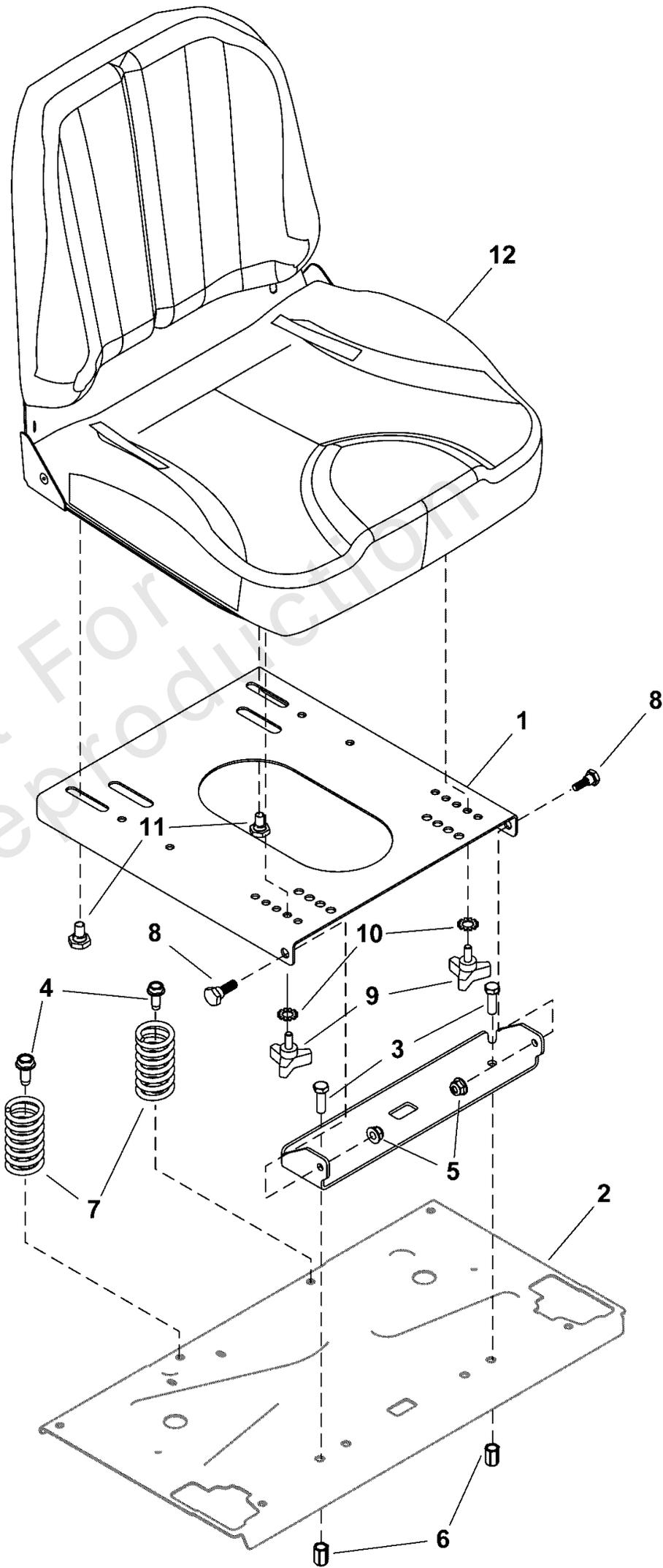
---

Not For Reproduction

# Seat Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691573-00



## Seat Group

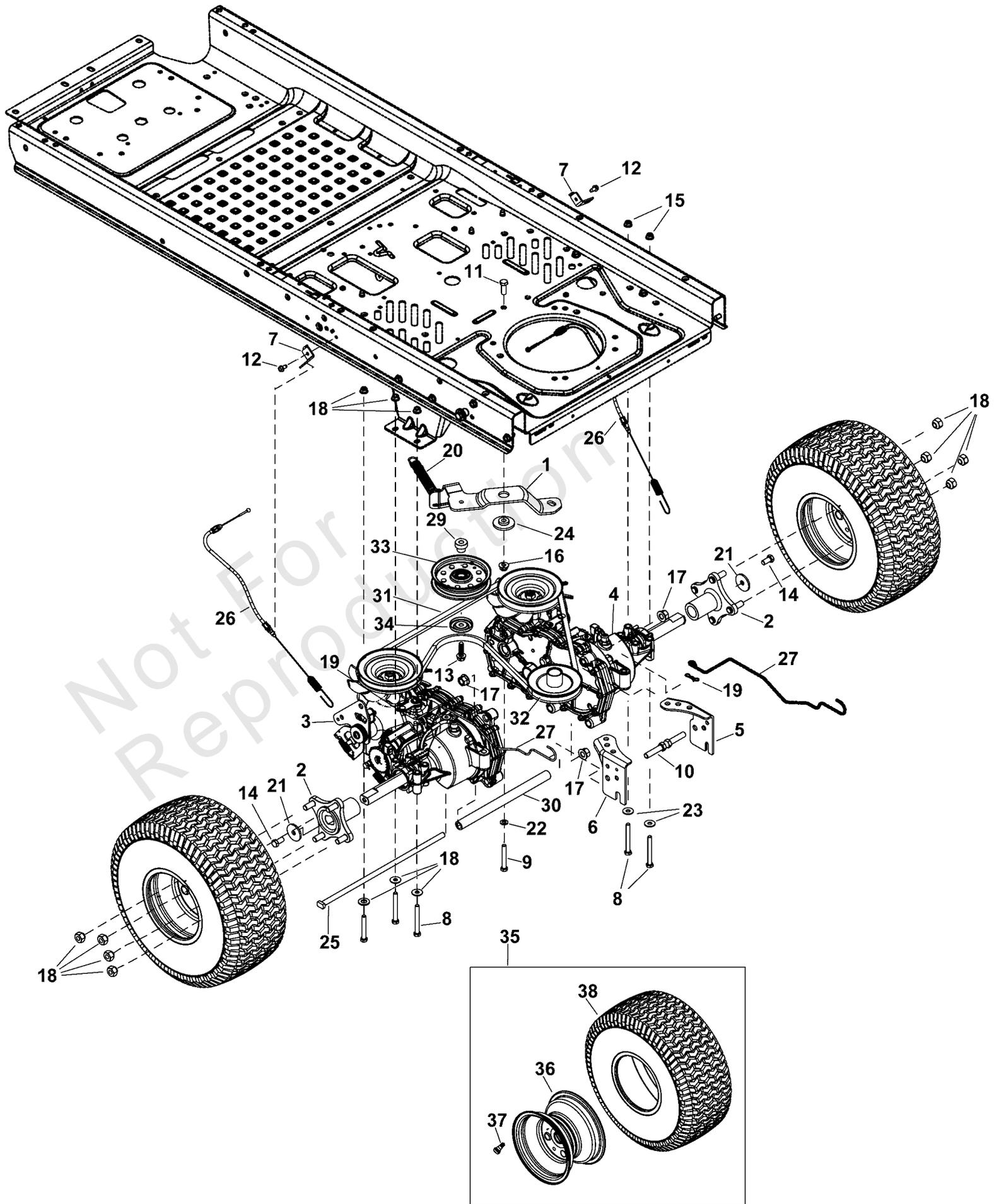
REF NO	PART NO	QTY	DESCRIPTION
1	84003482	1	BASE, Seat Plate Dual Knob
2	84003483	1	BRACKET, Seat Pivot
3	771238	2	SCREW, 5/16-18 X 1.00 GR5
4	771311	2	SCREW, 5/16-18 X .750, Hex Washer
5	84005079	2	LOCKNUT
6	771239	2	NUT, Rivet, 5/16-18
7	84003498	2	SPRING, Compression
8	771242	2	SCREW, .437, Shoulder
9	84003500	2	KNOB, Three Arm
10	771189	2	WASHER, 5/16, EXT., Lock
11	84003501	2	SCREW, Shoulder
12	84003502	1	SEAT, (Black)

Not For Reproduction

# Transmission Group

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 2691573-00



## Transmission Group

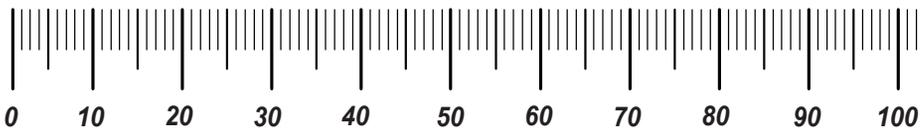
REF NO	PART NO	QTY	DESCRIPTION
1	771133	1	BRACKET, Idler
2	771134	2	ASSEMBLY, Wheel Hub
3	771135	1	ASSEMBLY, Hydro Transmission (LH)
4	771136	1	ASSEMBLY, Hydro Transmission (RH)
5	771137	1	BRACKET, Transmission Mounting (RH)
6	771138	1	BRACKET, Transmission Mounting (LH)
7	771139	2	BRACKET, Brake Cable
8	771140	4	SCREW, 5/16-18 X 2.75, Hex
9	771141	2	SCREW, 5/16-18 X 2.25, Hex, GR5
10	771142	2	SCREW, 7/16-20 X 1.75 GR 5
11	771143	1	SCREW, 3/8-16 X 1 GR5
12	703624	2	SCREW, TT, 1/4-20 x 1/2
13	771145	1	SCREW, 3/8-16 X1.250
14	771146	2	SCREW, 3/8-16 X .75 GR 5
15	84005079	6	LOCKNUT
16	703333	1	NUT, 3/8-16, Flanged Lock, GR5
17	771148	4	NUT, Flange Lock
18	771149	8	NUT, 7/16-14, Lug
19	771150	2	PIN, 1/4-5/16, Bow Tie Cotter
20	771151	1	SPRING, .75 DIA X 5.87 RZT/F, Extension
21	771152	2	WASHER, .390X1.500X.134, Flat
22	771153	2	WASHER, 5/16, Flat
23	771154	4	WASHER, 5/16, Flat
24	771155	1	SPACER, Shoulder
25	771156	1	ROD, Support Tube
26	771157	2	CABLE, Park Brake
27	771158	2	ROD, Hydro Bypass
28	771578		HOOK, Idler Spring -Not Shown
29	771159	1	SPACER, Shoulder
30	771160	1	TUBE, Support
31	771161	1	BELT, A X 67, Transmission Drive
32	771162	1	PULLEY, Transmission Drive
33	771163	1	PULLEY, 4.25 DIA, Idler
34	771164	1	PULLEY CAP, Idler Pulley
35	771352	2	ASSEMBLY, Wheel (18 X 8.5-8)
36	771353	2	ASSEMBLY, Rear Rim
37	771167	2	VALVE, Stem - Tubless
38	771354	2	TIRE, 18 X 9.5 X 8 SQ SH

# Hardware Identification & Torque Specifications

Torque Specification Chart								
FOR STANDARD METRIC MACHINE HARDWARE (Tolerance ± 20%)								
Property Class	5.6		8.8		10.9		12.9	
	Class 5.6		Class 8.8		Class 10.9		Class 12.9	
Size Of Hardware	in/lbs	Nm.	in/lbs	Nm.	in/lbs	Nm.	in/lbs	Nm.
	ft/lbs		ft/lbs		ft/lbs		ft/lbs	
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

Torque Specification Chart						
FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%)						
Hardware Grade	No Marks		SAE Grade 5		SAE Grade 8	
	SAE Grade 2		SAE Grade 5		SAE Grade 8	
Size Of Hardware	in/lbs	Nm.	in/lbs	Nm.	in/lbs	Nm.
	ft/lbs		ft/lbs		ft/lbs	
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

The guides and ruler furnished below are designed to help you select the appropriate hardware.

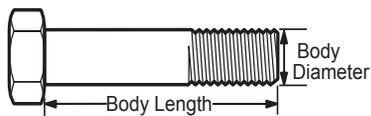


Nut, M8

Thread Diameter (mm)

Inside Diameter (in)      Threads per inch

Nut, 1/2-16

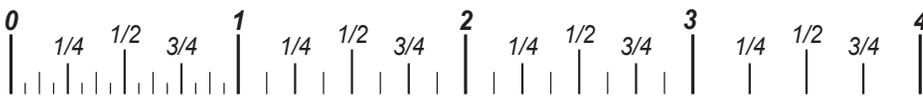


Screw, M8- 1.25 x 25

Thread Diameter (mm)      Distance between threads (mm)      Body Length (mm)

Body Diameter      Threads per inch      Body Length (in)

Screw, 1/2- 16 x 2



## 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).

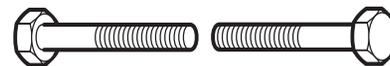
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

## 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

Hex Head Capscrew



Washer



Carriage Bolt



Hex Nut

## 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

