



Parts Manual

Mfg. No: 50572x89A
Lawn Tractor (2000)

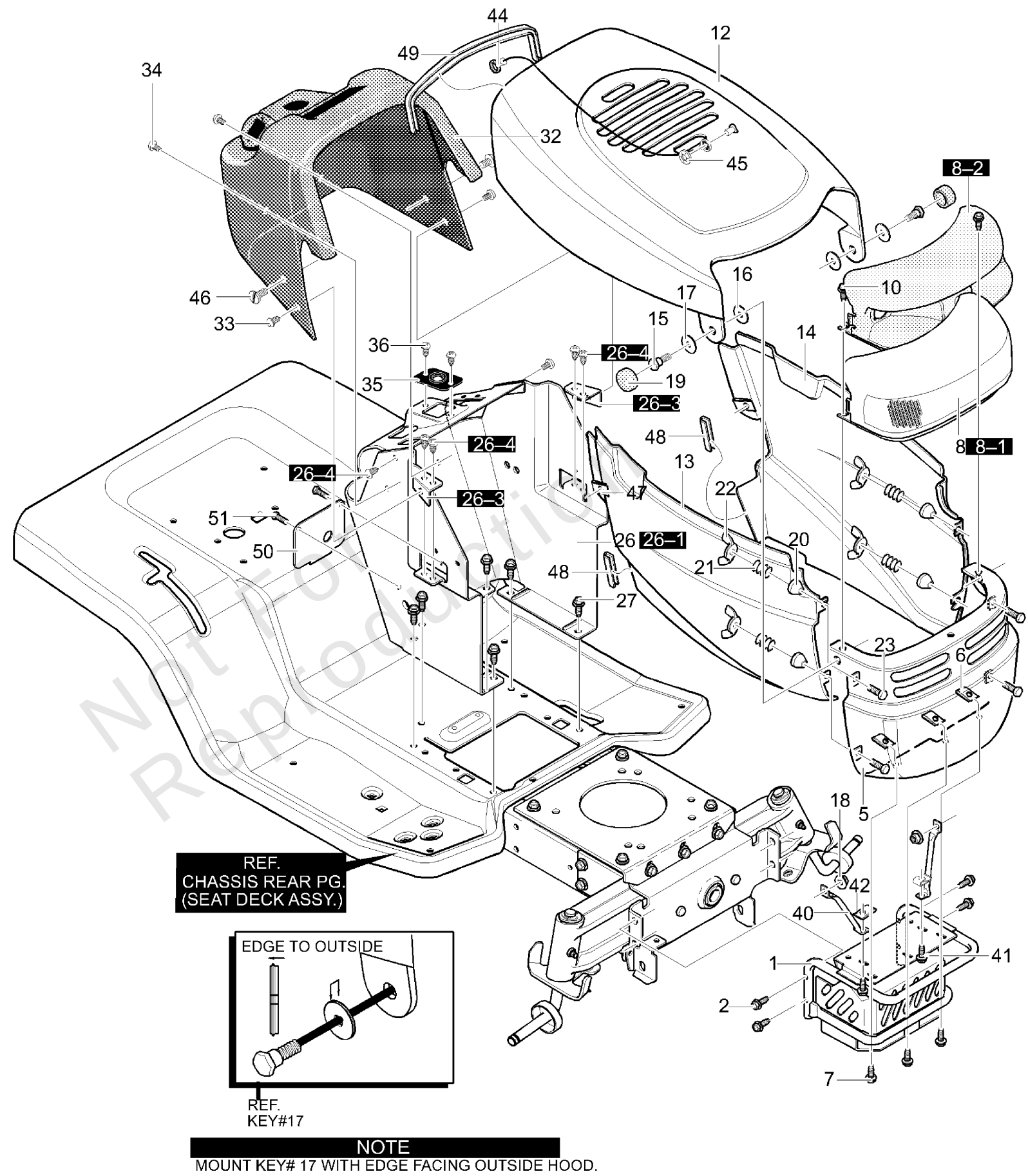
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Not For
Reproduction

Chassis & Hood Assembly

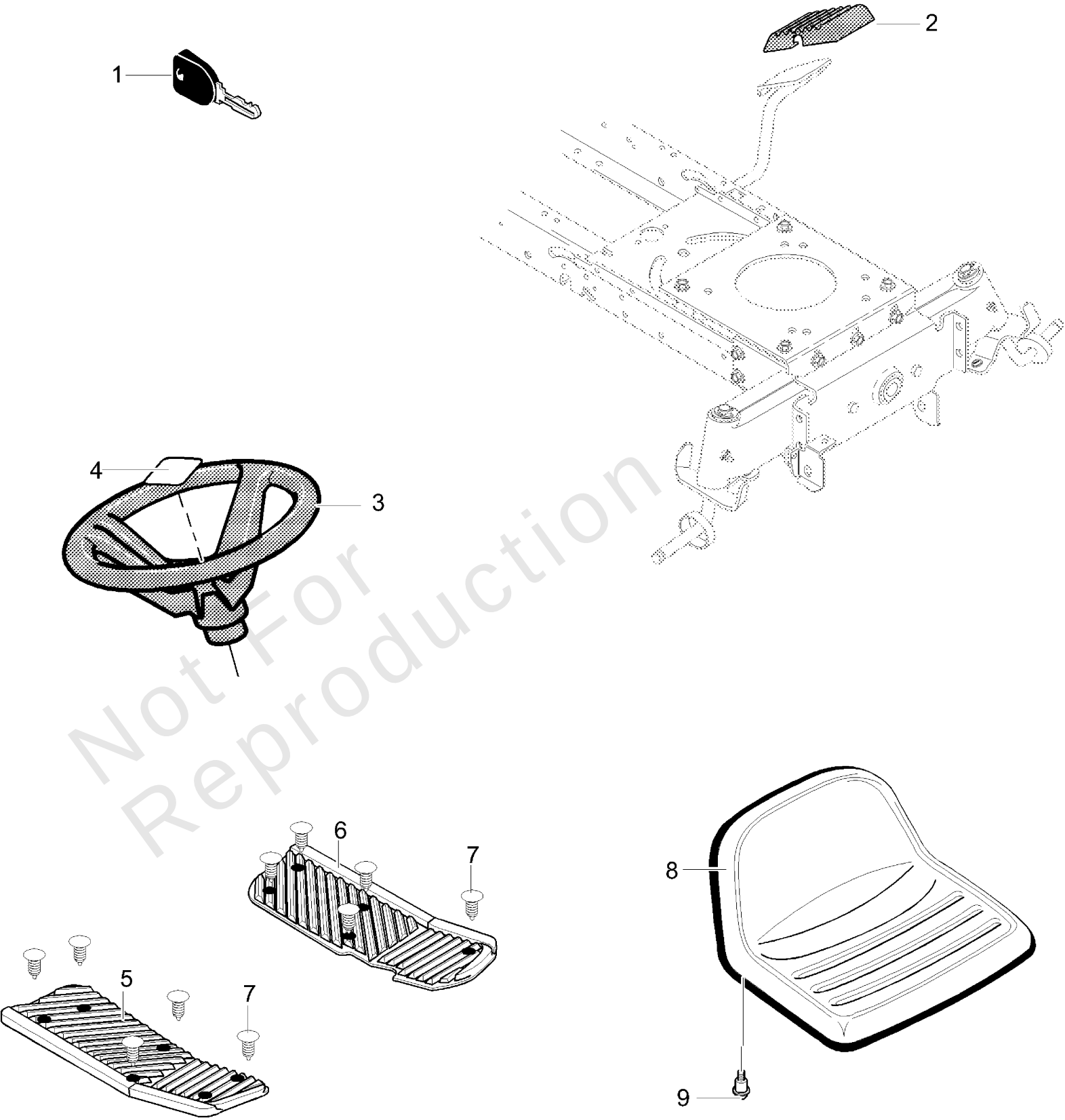
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Mfg. No: 50572x89A



Chassis & Hood Assembly

REF NO	PART NO	QTY	DESCRIPTION
1	94529-821		ASSEMBLY, BUMP/GRILLE
2	711653		SCRW5/16-18X1.50
5	94455-823		GRILLE
6	710313		NUT, "J" TINNERMAN
7	711642MA		SCRW,1/4-20X .63
8	95234		ASM., LENS & REFLECTOR
8-1	94459		LENS
8-2	94460		REFLECTOR
10	710197		SCREW 1/4-14X.50
12	690052-823		ASM., WELD HOOD H26
13	94458-823		PANEL, SIDE RH
14	94457-823		PANEL, SIDE LH
15	711625		BOLT
16	710067		WASHER, PLASTIC BLACK
17	094472		PIVOT BASE GREY
18	711622		NUT, 3/8-16
19	94471MA		PIVOT CAP GREY
20	094474		QUICK RELEASE-CAM
21	710314		SPRING, COMP
22	325232MA		NUT, WING 1/4-20
23	313674MA		SCREW, 1/4-20X1.25
26	95292-823		CONSOLE
26-1	95175		CONSOLE
26-2	094465		BRACKET, LEFT
26-3	094464		BRACKET, RIGHT
26-4	710196		SCREW
27	711606MA		SCREW 5/16-18X.75
32	094466		DASH, H26 GREY
33	711629		SCREW, 10-24X.50
34	711629		SCREW, 10-24X.50
35	094075		STEERING BRACKET
36	710197		SCREW 1/4-14X.50
40	94519-823		STRUT, H26 GRILLE
41	711642MA		SCREW, 1/4-20X .63
42	710979		SPEED NUT
44	643129		LANYARD, H26 HOOD
45	711677		PUSHNUT
46	711674MA		SCREW, 1/4-20X0.63
47	710313		NUT, "J" TINNERMAN
48	095105		TRIM PIECE PLASTIC GREY
49	095105		TRIM PIECE PLASTIC GREY
50	93007-823		ACCESS PANEL, W/O SLOT
51	711629		SCREW, 10-24X.50
--	F-000783J		INST BOOK & PARTS LIST



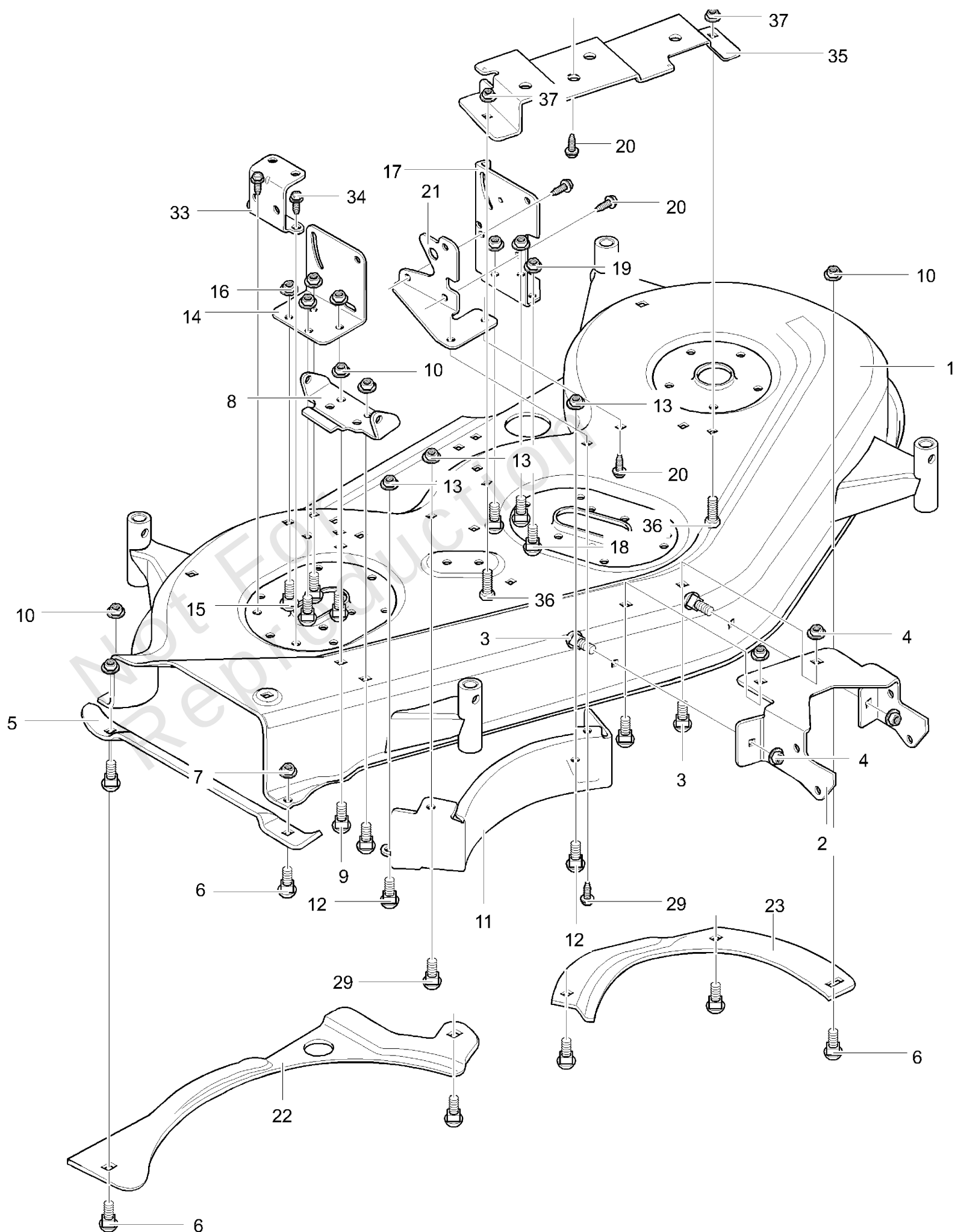
Customer Spec

REF NO	PART NO	QTY	DESCRIPTION
1	327350MA		IGNITION KEY
2	094630		PAD, CLUTCH/BRAKE
3	095184		STEERING WHEEL
4	711325MA		INSERT, 4-SPOKE
5	095438		FOOTREST PAD RH
6	095437		FOOTREST PAD LH
7	311087MA		RATCHET FASTENER
8	095444		SEAT
9	711654		SHOULDER BOLT 5/16-18

Deck Assembly (part 1)

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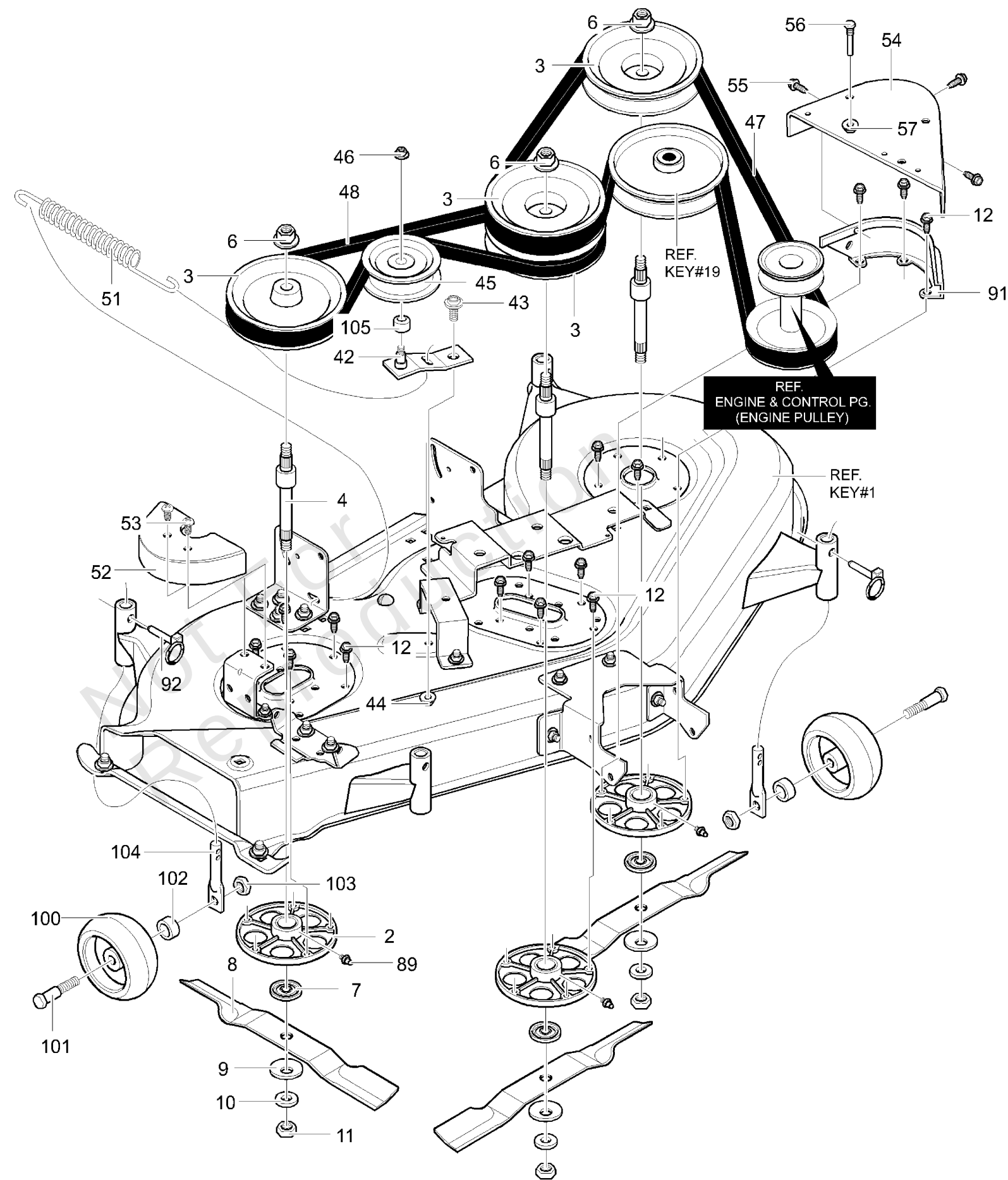
Deck Assembly (part 1)

REF NO	PART NO	QTY	DESCRIPTION
1	94753		ASSEMBLY, BLADE HOUSING
2	94693		BRACKET, FRONT DECK
3	002X53MA		BOLT, CARRIAGE
4	015X79MA		NUT
5	95176		BRACKET-CHUTE SUPPORT
6	002X53MA		BOLT, CARRIAGE
7	015X88MA		LOCKNUT, FLANGE
8	92104		HINGE, CHUTE BRACKET
9	002X53MA		BOLT, CARRIAGE
10	015X88MA		LOCKNUT, FLANGE
11	94825		BAFFLE, CENTER
12	002X53MA		BOLT, CARRIAGE
13	015X79MA		LOCKNUT, FLANGE
14	94694		BRACKET, RIGHT LIFTER
15	002X53MA		BOLT, CARRIAGE
16	015X79MA		LOCKNUT, FLANGE
17	690164		BRACKET, LIFT LIFTER
18	002X53MA		BOLT, CARRIAGE
19	015X79MA		LOCKNUT, FLANGE
20	26X249MA		SCREW
21	690078		BRACE - L.H. LIFTER
22	94117		BAFFLE, RIGHT BOTTOM
23	94118		BAFFLES, LEFT BOTTOM
29	26X249MA		SCREW
33	92140		BRACKET, PULLEY COVER
34	26X249MA		SCREW
35	690414		BRKT, BRAKE MTG
36	002X53MA		BOLT, CARRIAGE
37	015X79MA		LOCKNUT, FLANGE

Deck Assembly (part 2)

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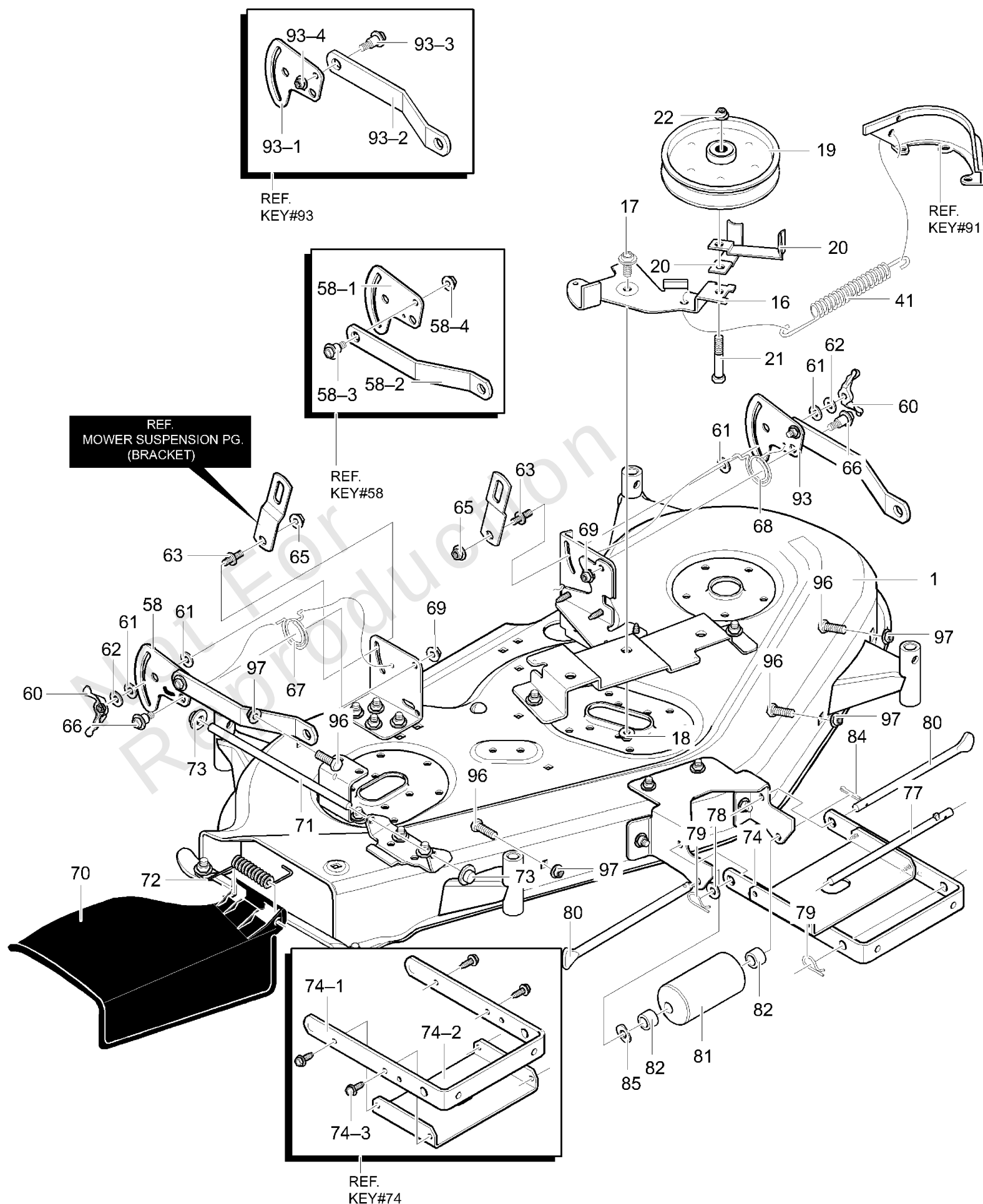
Deck Assembly (part 2)

REF NO	PART NO	QTY	DESCRIPTION
2	690488MA		HOUSING, JACKSHAFT
3	95310		PULLEY, SPLIT STEEL
4	095402		SHAFT, SPLINED JACKSHAFT
6	711626		NUT
7	095416		HUB, BLADE ADAPTOR
8	94692		BLADE
9	17X166MA		WASHER
10	17X165MA		WASHER
11	15X100MA		NUT
12	0025X7MA		BOLT
42	94701-821		IDLER ARM, SECONDARY
43	711613MA		BOLT
44	711622		NUT
45	690452		PULLEY, IDLER
46	711920MA		NUT
47	710533		BELT, PRIMARY
48	710532		BELT, SECONDARY
51	690123MA		SPRING, EXTENSION
52	94607-821		COVER, RIGHT PULLEY
53	711620		SCREW
54	94645-821		COVER, LEFT PULLEY
55	780055MA		SCREW
56	711745		SCREW, GUIDE
57	710026		NUT
89	690501MA		ZERK, GREASE
91	690221-821		BRACKET, PULLEY COVER
92	711797MA		PIN, LYNCH
100	092265MA		WHEEL, GAUGE
101	711657MA		BOLT
102	95188MA		SPACER
103	590		NUT
104	95187-821		ROD, GAUGE
105	690369MA		SPACER 1/2 TO 17MM

Deck Assembly (part 3)

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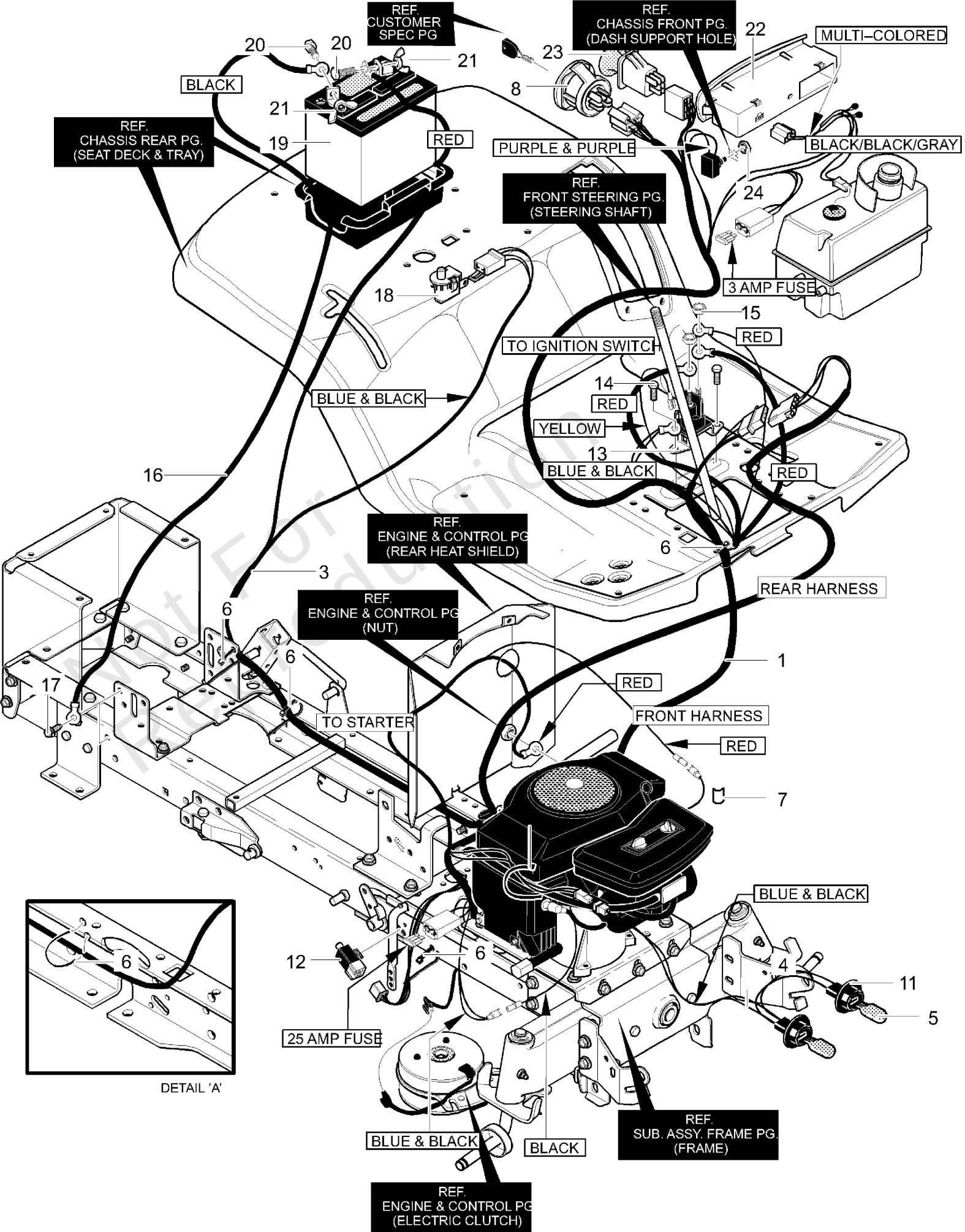
Deck Assembly (part 3)

REF NO	PART NO	QTY	DESCRIPTION
1	344917-821		DECK, MOWER
16	690498-821		ARM, IDLER
17	711613MA		BOLT
18	711622		NUT
19	95272		IDLER PULLEY
20	094809MA		SPRING - BELT GUIDE
21	711609		SCREW
22	711622		NUT
41	344662		SPRING, EXTENSION
58	341593-821		PLATE, RIGHT REAR SUSP.
58-1	94128		PLATE, SUSPENSION
58-2	94055		BRACKET, SUSPENSION
58-3	009X52MA		BOLT, SHOULDER
58-4	015X84MA		NUT
60	711600		WINGNUT
61	094137MA		FRICTION PAD
62	711628MA		WASHER
63	711595		PIN, HANGER
65	711622		NUT
66	711611		BOLT, SHOULDER
67	710112		SPRING, TORSION
68	710113		SPRING, TORSION
69	711622		NUT
70	092100MA		DEFLECTOR, CHUTE
71	95281		ROD, DEFLECTOR
72	710220		SPRING, TORSION
73	711627MA		NUT, PUSH CAP
74	690058-821		BRACKET AND STIFFENER
74-1	94058		BRACKET, STIFFENER
74-2	95057		STIFFENER
74-3	26X249MA		SCREW
77	95295		ROD, HANGER
78	711617		WASHER, FLAT
79	711676		PIN, HAIR
80	95302MA		ROD, ROLLER
80	95302MA		ROD, ROLLER
81	310071MA		ROLLER
82	95188MA		SPACER
84	711635		PIN, COTTER
85	711739		WASHER, WAVE
93	341594-821		PLATE, LEFT REAR SUSP.
93-1	94128		PLATE, SUSPENSION
93-2	94055		BRACKET, SUSPENSION
93-3	009X52MA		BOLT, SHOULDER
93-4	015X84MA		NUT
96	313780		SCREW
97	710026		NUT

Electrical Assembly

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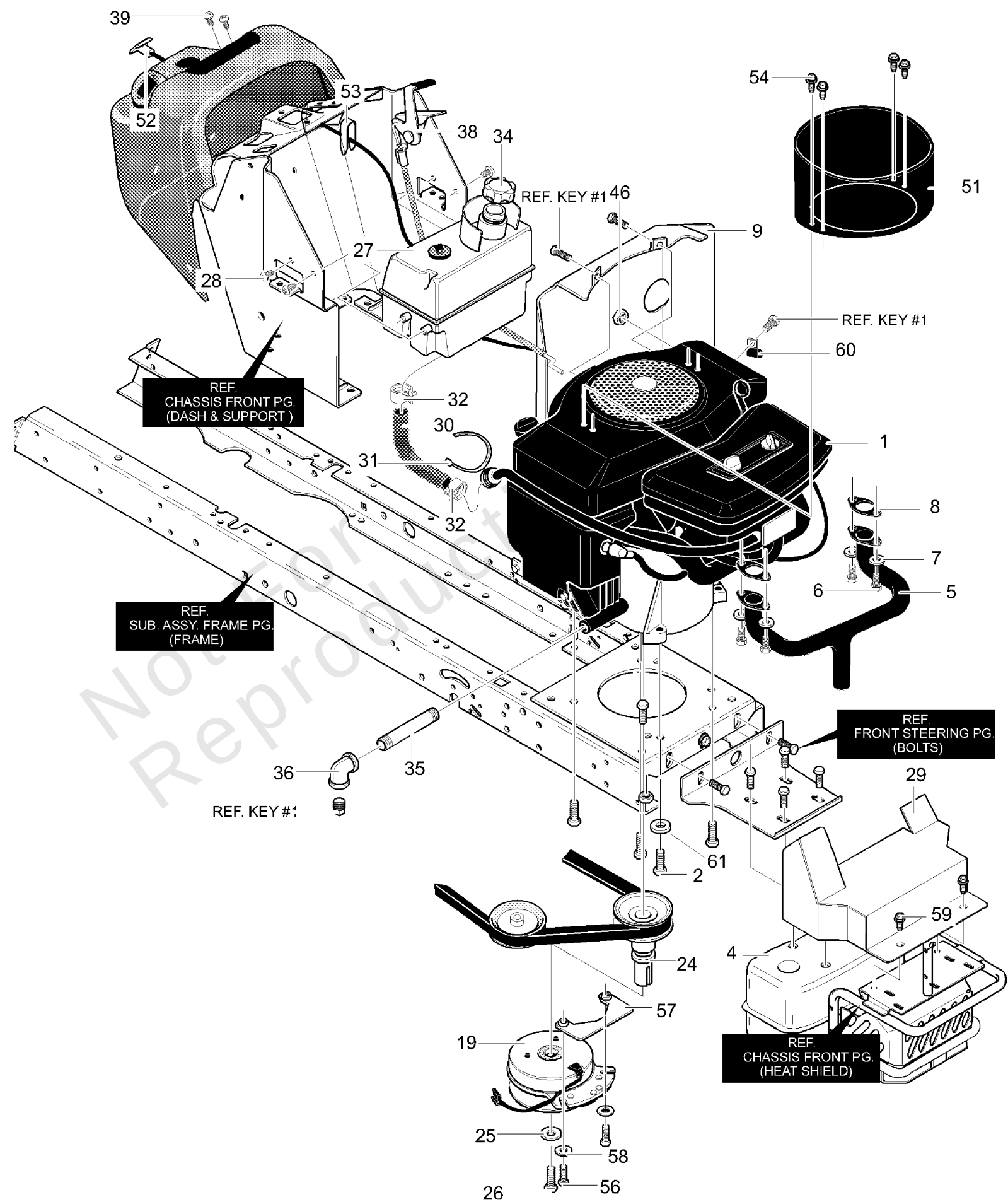
Electrical Assembly

REF NO	PART NO	QTY	DESCRIPTION
1	94992		HARNESS, WIRE
3	094741		HARNESS, REAR WIRE
4	094780		WIRE ASSEMBLY, HEADLIGHTS
5	090084MA		BULB, LIGHT
6	57444		TIE, CABLE BLACK
6	57444		TIE, CABLE BLACK
7	055939MA		WIRE CLIP, ADHESIVE
8	094762		SWITCH, IGNITION
11	092372		SOCKET, LAMP
12	094136MA		SWITCH, LIMIT
13	094613		SOLENOID
14	711619		SCREW
15	711632		NUT
16	710228		WIRE, GROUND
17	711619		SCREW
18	094159MA		SWITCH, SEAT
19	092693		BATTERY
20	711680		BOLT
21	711636		WINGNUT
22	094893		ELECTRONIC DIAGNOSTIC
23	094927		SWITCH, PTO
24	711376		NUT, PLASTIC

Engine And Control Assembly

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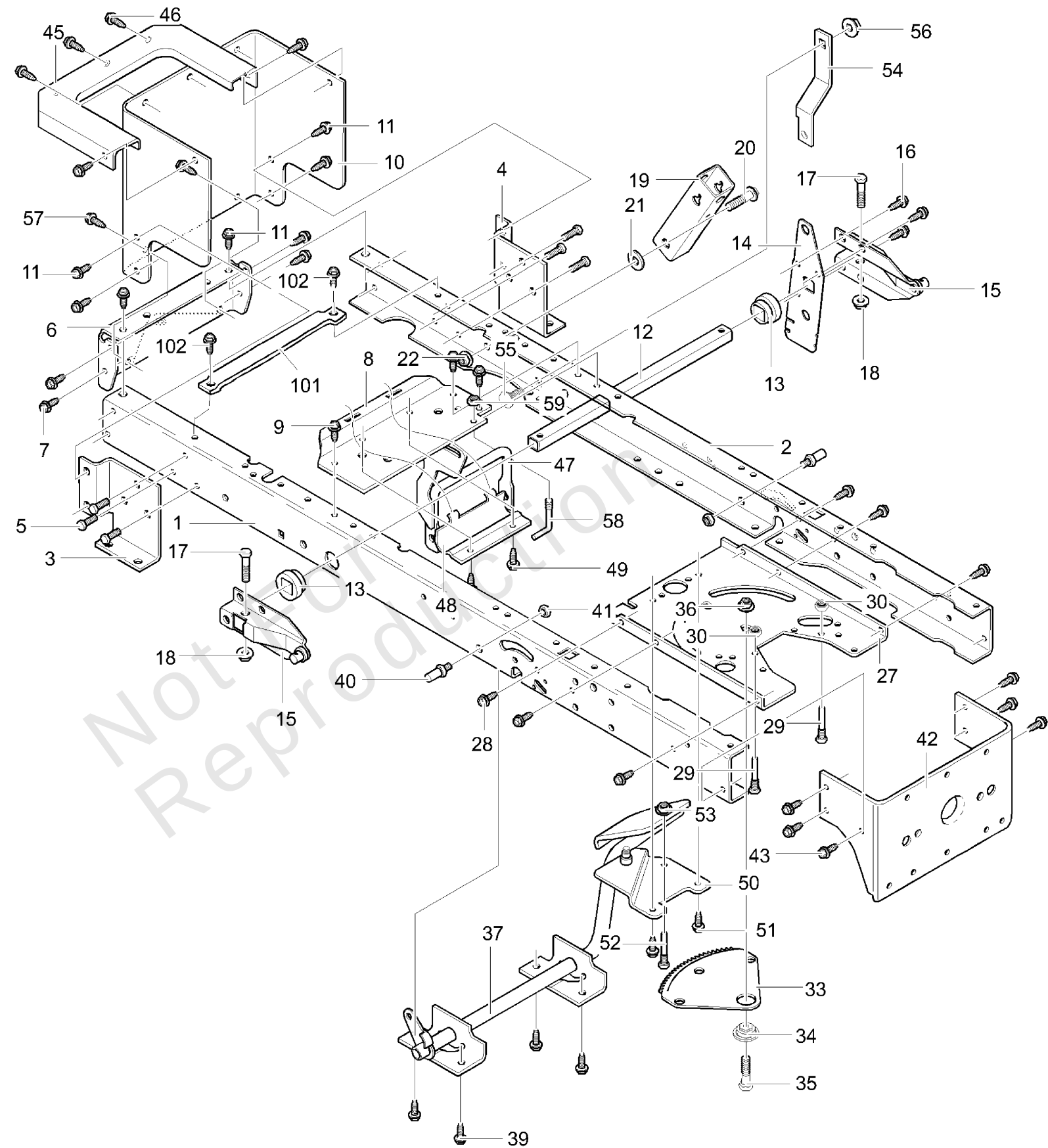
Engine And Control Assembly

REF NO	PART NO	QTY	DESCRIPTION
1	94885		ENGINE
2	0025X7MA		BOLT
4	094655MA		MUFFLER, TWIN-CYLINDER
5	094660		MANIFOLD, EXHAUST
6	302638		SCREW
7	071059MA		WASHER
8	056640		GASKET, MUFFLER
9	95030-821		SHIELD, HEAT
18	711660MA		SCREW
19	7601023MA		CLUTCH, ELECTRIC
24	690455		PULLEY, ADAPTER
25	120383		WASHER
26	428644MA		SCREW
27	094484		FUEL TANK
28	711681		SCREW
29	95009-821		ASSEMBLY, SHIELD
30	47452		LINE, FUEL
31	57444		TIE, CABLE
32	336890		CLAMP, FUEL LINE
34	092317MA		FUEL CAP
35	52404		TUBE, OIL DRAIN
36	711461		OIL DRAIN
38	094501		THROTTLE CONTROL
39	711344		SCREW
46	711601		NUT
51	95012		PLENUM
52	094500		CHOKE
53	314522		CLIP, CHOKE CONTROL
54	26X201MA		SCREW
56	313676		SCREW
57	94935-821		PLATE, BRAKE
58	313679		WASHER
59	0025X2MA		SCREW
60	57569		RETAINER, WIRE
61	71061		WASHER

Frame Assembly (part 1)

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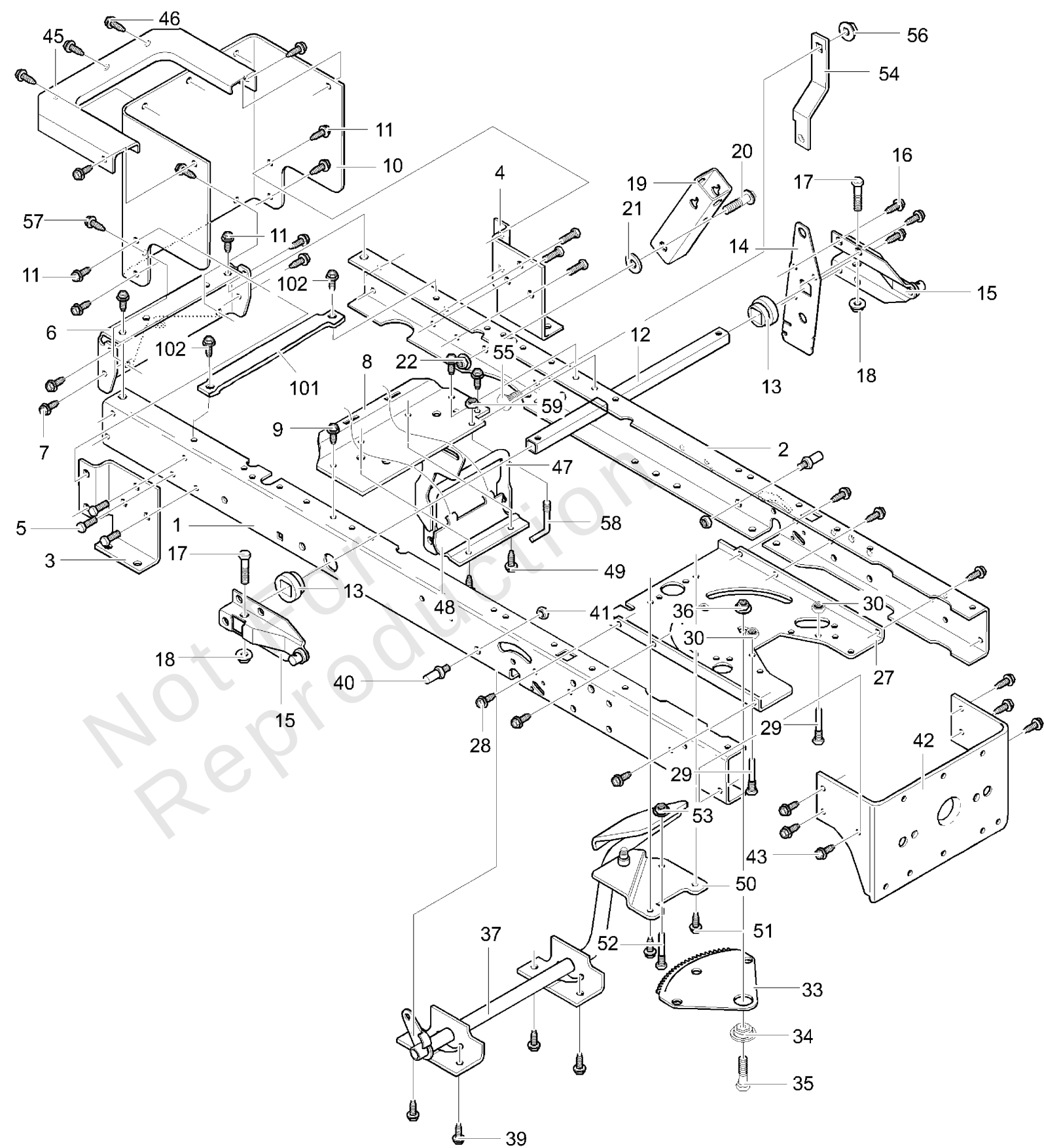


Frame Assembly (part 1)

REF NO	PART NO	QTY	DESCRIPTION
1	95110		RAIL-FRAME RH SHORT
2	95111		RAIL-FRAME LH SHORT
3	94184		BRACKET-TRANSAXLE RH
4	94185		BRACKET-TRANSAXLE LH
5	26X249MA		SCREW-5/16-18X.75
6	1001002		PLATE
7	26X249MA		SCREW-5/16-18X.75
8	94431		BRACKET, IDLER
9	26X249MA		SCREW-5/16-18X.75
10	690218		PLATE, REAR
11	26X249MA		SCREW-5/16-18X.75
12	94063		TUBE, LIFTER
13	094065MA		BUSHING - LIFT TUBE
14	94030		PLATE-LIFT ARM
15	94180		LIFT ARM LEVER
16	026X49MA		SCREW .31X50
17	001X74MA		SCREW, 5/16-24 x 1.25
18	15X118MA		NUT, FLANGELOCK
19	094015		BRACKET, SQ TUBE PIVOT
20	009X53MA		BOLT
21	17X191MA		WASHER, FLAT
22	015X84MA		NUT, FLNG CENTERLOCK
23	690394		CRANK, PTO
24	94005		BRACKET, BELL CRANK
25	26X249MA		SCREW-5/16-18X.75
26	120395		WASHER, FLAT
27	1001024		PLATE, STEERING
28	26X249MA		SCREW-5/16-18X.75
29	093349MA		GUIDE SCREW - ZINC
30	015X79MA		NUT.32-18 FLANGELOCK
31	91797		SCREW - GUIDE
32	0025X7MA		BOLT
33	094121MA		GEAR, SECTOR
34	094123MA		BEARING, SECTOR GEAR
35	001X84MA		CAPSCREW, Hex Head, 5/16-18 x 1
36	15X113MA		NUT, 5/16
37	94632		PEDAL
39	26X249MA		SCREW-5/16-18X.75
40	094067MA		PIN,THREADED SHOULDER
41	45171MA		NUT, 3/8-16
42	94013		BRACKET, HANGER REAR
43	26X249MA		SCREW-5/16-18X.75
45	94186		TOP, REAR PLATE
46	26X270		SCREW - THREAD FORM
47	94791		YOKE ASSY-TRUNNION
48	94434		CLAMP, TRUNNION PIVOT
49	26X249MA		SCREW-5/16-18X.75
50	94409		IDLER INTERMEDIATE
51	26X277MA		SCREW, 5/16-18 x 0.50
52	093349MA		GUIDE SCREW - ZINC
53	015X79MA		NUT, FLANGELOCK

Frame Assembly (part 1)

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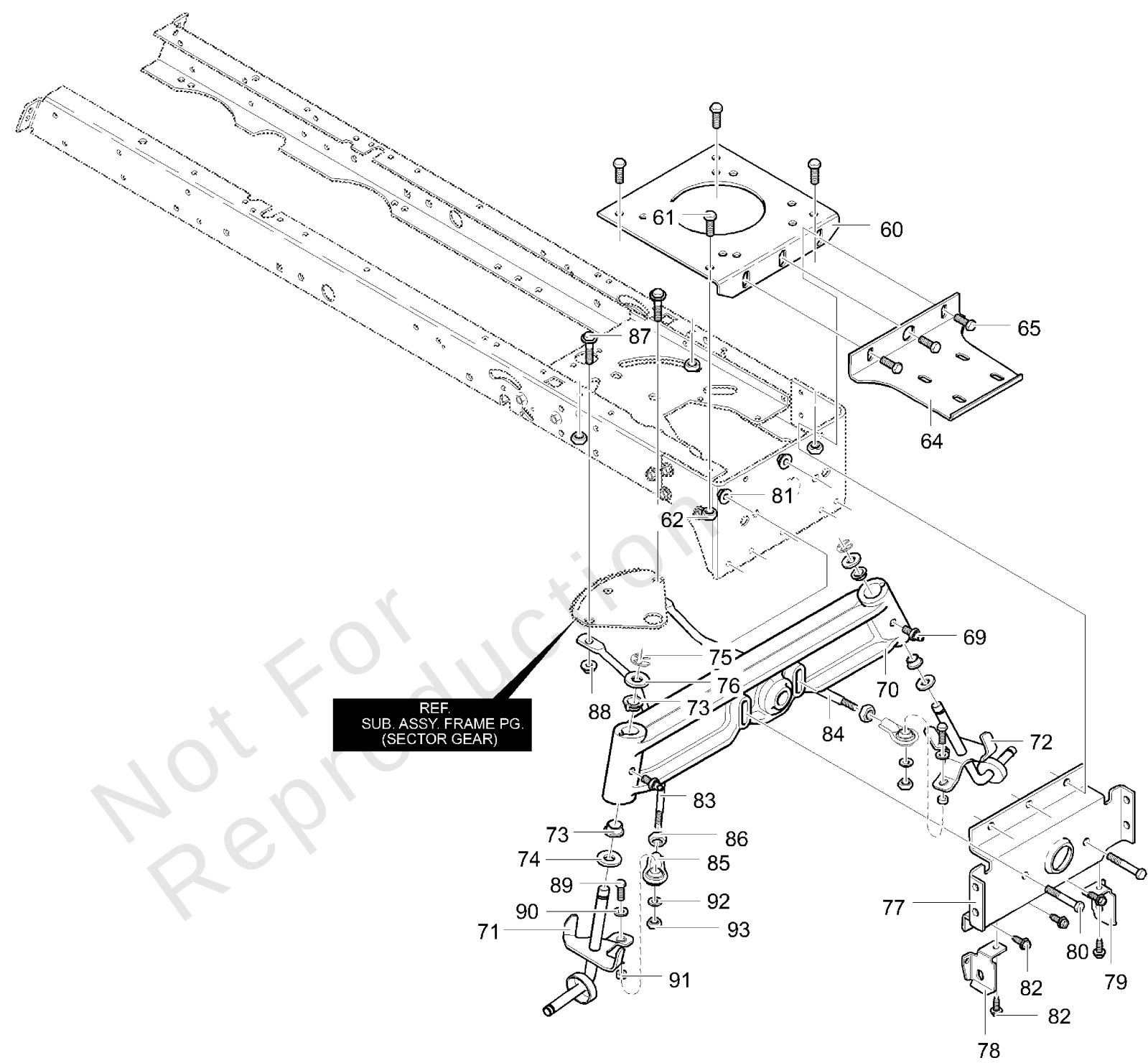
Frame Assembly (part 1)

REF NO	PART NO	QTY	DESCRIPTION
54	094433E701MA		BRACKET, Torque Strap, LH
55	002X53MA		BOLT, CARRIAGE 31-18X0.62
56	015X88MA		NUT, CENTERLOCK
57	0025X7MA		BOLT-3/8 X 1.25
58	094781MA		SCREW - GUIDE
59	015X79MA		NUT, FLANGELOCK
101	690482		BRKT, BATTERY SUPPORT
102	26X249MA		SCREW-5/16-18X.75

Frame Assembly (part 2)

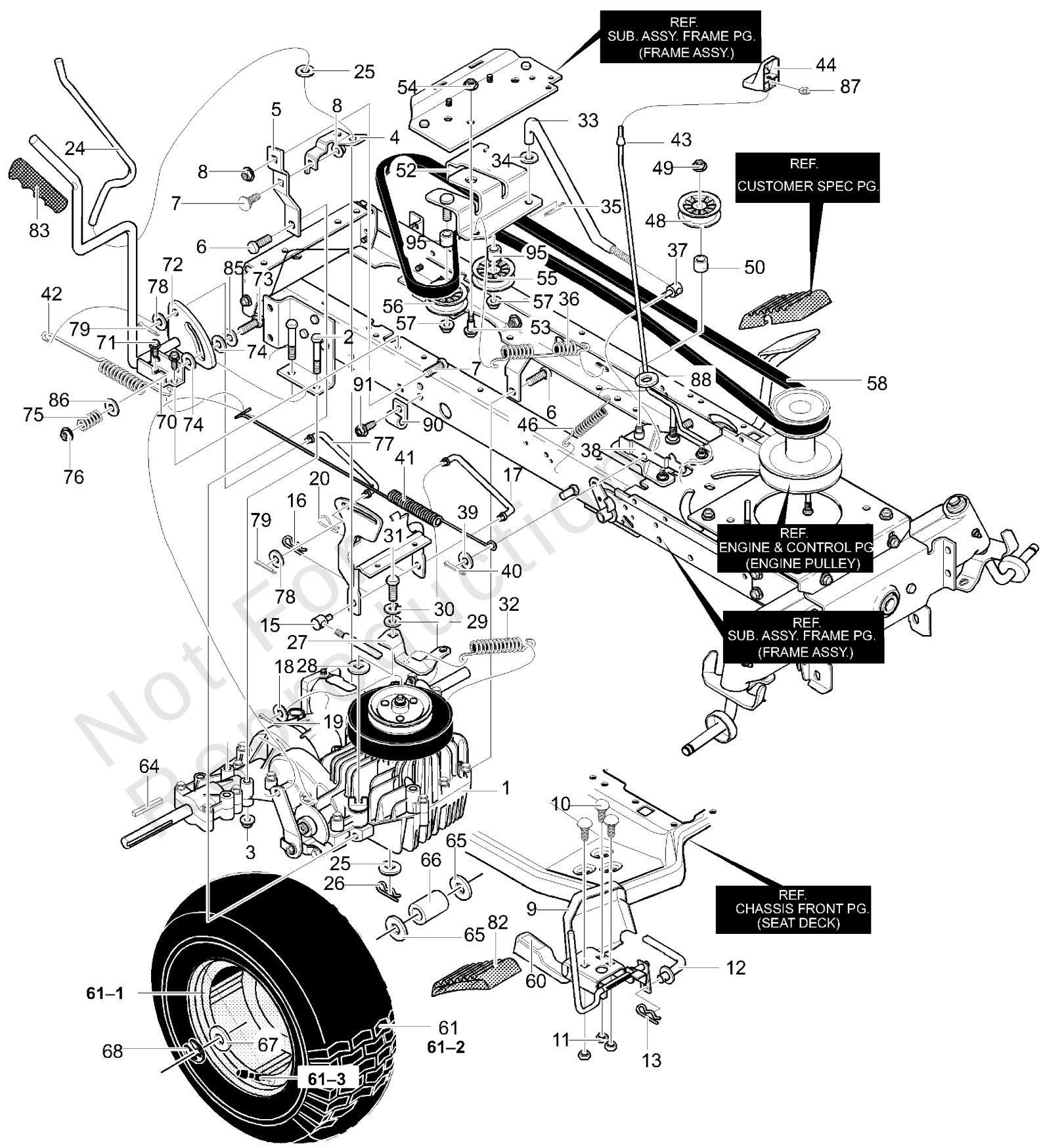
Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 50572x89A



Frame Assembly (part 2)

REF NO	PART NO	QTY	DESCRIPTION
60	94006		PLATE, ENGINE
61	26X249MA		SCREW 5/16-18X.75
62	015X88MA		NUT, CENTERLOCK
64	094307		BRACKET , MUFFLER
65	26X249MA		SCREW 5/16-18X.75
69	706		ZERK, GREASE FITTING
70	690232		AXLE, CAST IRON GT
71	94736		SPINDLE, RIGHT
72	94737		SPINDLE, LEFT
73	690150MA		BEARING, SPINDLE
74	17X113MA		WASHER.76-1.2 13G FL
75	0011X3MA		RING, E .750D .050T
76	17X195MA		WASHER, FLAT
77	94007		HANGER, AXLE
78	94026		HANGER DECK RH
79	94027		HANGER DECK LH
80	01X146MA		SCREW 5/16-24X2.75
81	15X118MA		NUT, FLANGELOCK
82	26X249MA		SCREW 5/16-18X.75
83	94767		ROD, RIGHT DRAG LINK
84	094768		ROD, LEFT DRAG LINK
85	094766MA		TIE ROD END
86	7058		NUT, JAM
87	009X57MA		BOLT
88	015X84MA		NUT, CENTERLOCK
89	310364		BOLT
90	711672		WASHER, FLAT
91	319618MA		SPACER,
92	301188MA		WASHER, FLAT
93	1499MA		NUT, 3/8-16

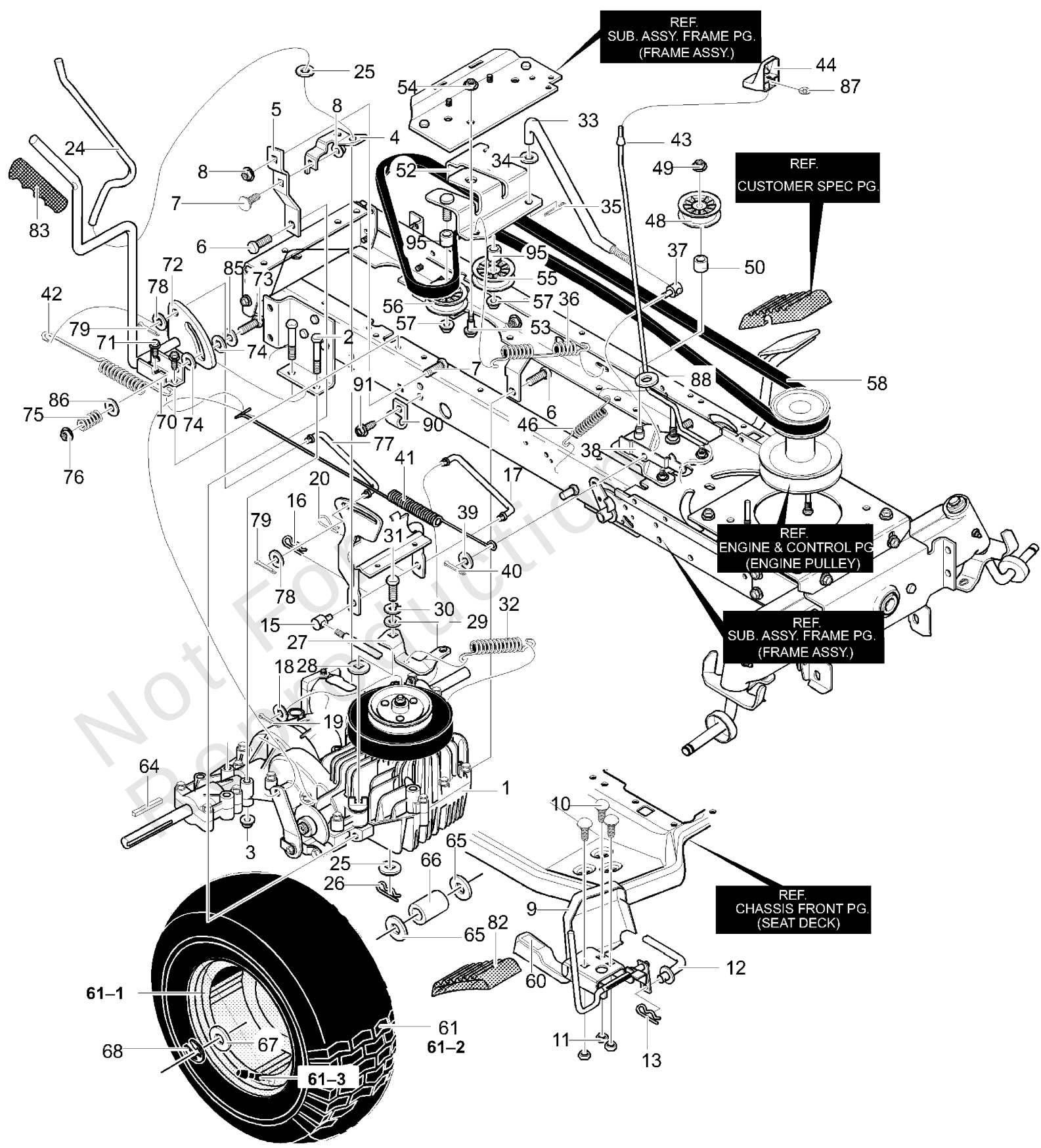


Motion Drive

REF NO	PART NO	QTY	DESCRIPTION
1	94800		Transaxle, Peerless ** -(VST205)
2	711669		SCREW, 5/16-18 x 2.50
3	711634MA		NUT, 5/16-18
4	94429-821		BRACKET, DISCONNECT
5	94432-821		TORQUE STRAP -RIGHT
6	710268		SCREW, 5/16-18 x 0.75
7	711661		BOLT, CARRIAGE 5/16-18X .63
8	711634MA		NUT, 5/16-18
9	690013-821		WP, PEDAL ASSY HYDRO
10	711688MA		BOLT, 5/16-18X .75
11	710026		NUT, HEX 5/16-18
12	95278		ROD, PEDAL LINK
13	711676		PIN, HAIR
15	711594		ADJUST NUT 1/2-13
16	711682MA		PIN, HAIR
17	95279		ROD HYDRO LINK
18	711617		WASHER, FLAT
19	071081		PIN, COTTER
20	711676		PIN, HAIR
24	95298		ROD, DISCONNECT
25	711644MA		WASHER, FLAT
26	071081		PIN, COTTER
27	95299		ARM, DISCONNECT
28	17X148MA		WASHER
29	710657		WASHER, FLAT
30	710249		WASHER
31	01X145MA		SCREW, 1/4-28 X.75
32	710330		SPRING, EXTENSION
33	95297		ROD, CLUTCH
34	711644MA		WASHER, FLAT
35	071081		PIN, COTTER
36	710707		SPRING, CLUTCH
37	711596		NUT, ADJUSTING
38	690048		LATCH, PARKING BRAKE
39	711623		WASHER, FLAT
40	071081		PIN, COTTER
41	ORG-710333		SPRING, Extension
42	710353		SPRING, EXTENSION
43	095108		ROD- PARKING BRAKE
44	095315MA		PARKING BRAKE KNOB
46	165X107MA		SPRING - EXTENSION
48	690409MA		PULLEY, IDLER
49	711920MA		NUT
50	690369MA		SPACER 1/2 TO 17MM
52	95305		ASSEMBLY, BRACKET IDLER
53	711613MA		BOLT
54	711622		NUT, 3/8-16
55	690409MA		PULLEY, IDLER

Footnotes:

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



Motion Drive

REF NO	PART NO	QTY	DESCRIPTION
56	690410MA		PULLEY, IDLER
57	711920MA		NUT, 3/8-16
58	710531		BELT, MOTION DRIVE HYDRO
60	093249		PAD, TOE SANDPAPER
61	95196		TIRE & RIM 23X9.50-12
61-1	338512		VALVE STEM
61-2	343665		RIM
61-3	342117		TIRE
--	094618MA		HUB CAP
64	52928MA		KEY, SQUARE
65	711648MA		WASHER, FLAT
66	95274MA		SPACER
67	711758		WASHER, FLAT
68	0011X3MA		RING, E .750D .050T
70	94793-821		BRACKET, HAND CONTROL
71	711606MA		SCREW
72	95306		LEVER, HAND CONTROL
73	711599		BOLT
74	314944		WASHER, FRICTION
75	335689		SPRING - COMPRESSION
76	711634MA		NUT, 5/16-18
77	690045		LINK, CRUISE CONTROL
78	711644MA		WASHER, FLAT
79	071081		PIN, COTTER
82	094516		PAD, SPEED CONTROL
83	94507		SCREW
85	711589		WASHER, FLAT
86	710083		WASHER, FLAT
87	711691MA		PUSHNUT
88	71067MA		WASHER, FLAT
90	711742		RETAINER WIRE
91	711606MA		SCREW
95	690369MA		SPACER 1/2 TO 17MM

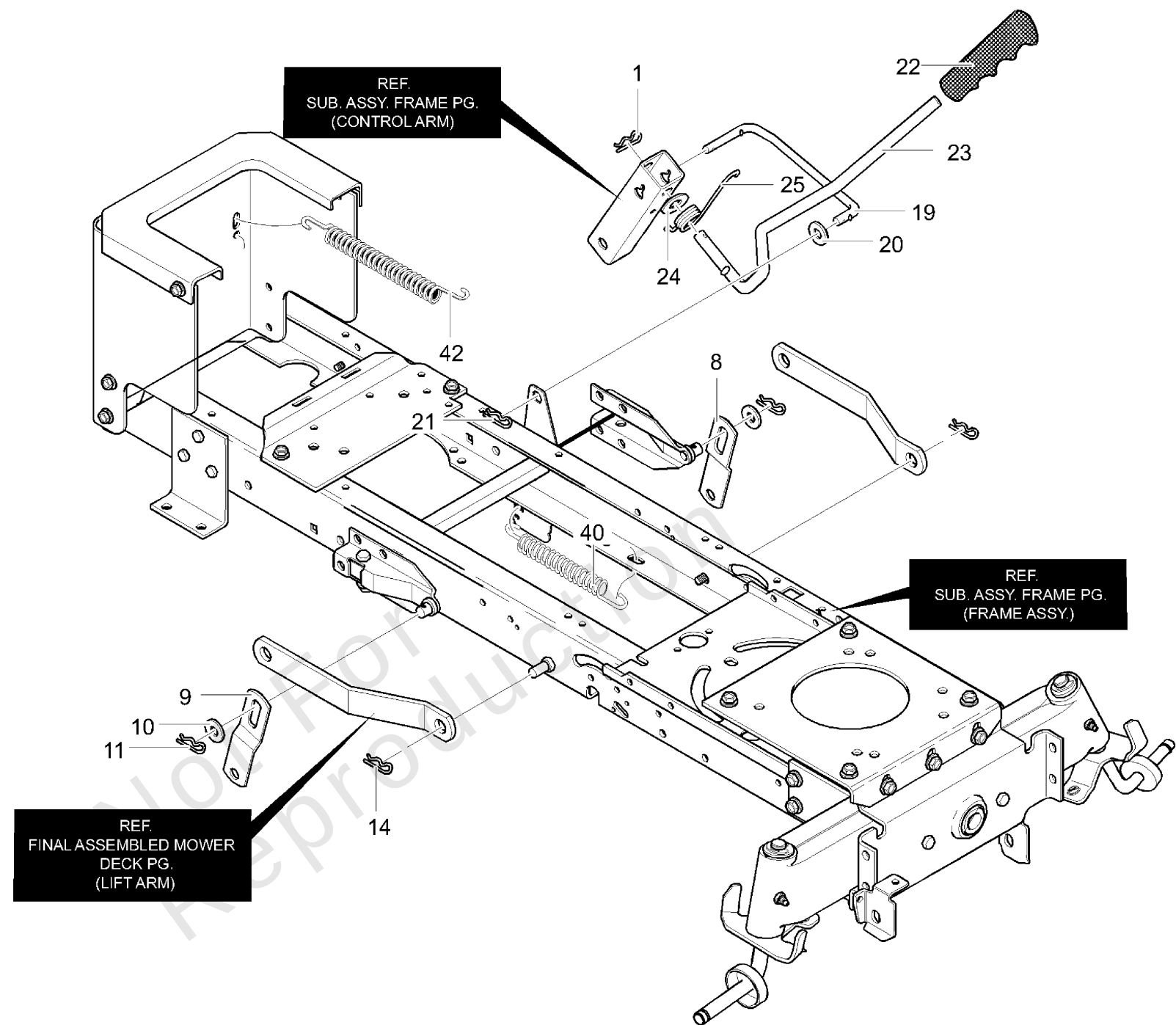
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Mower Suspension Assembly

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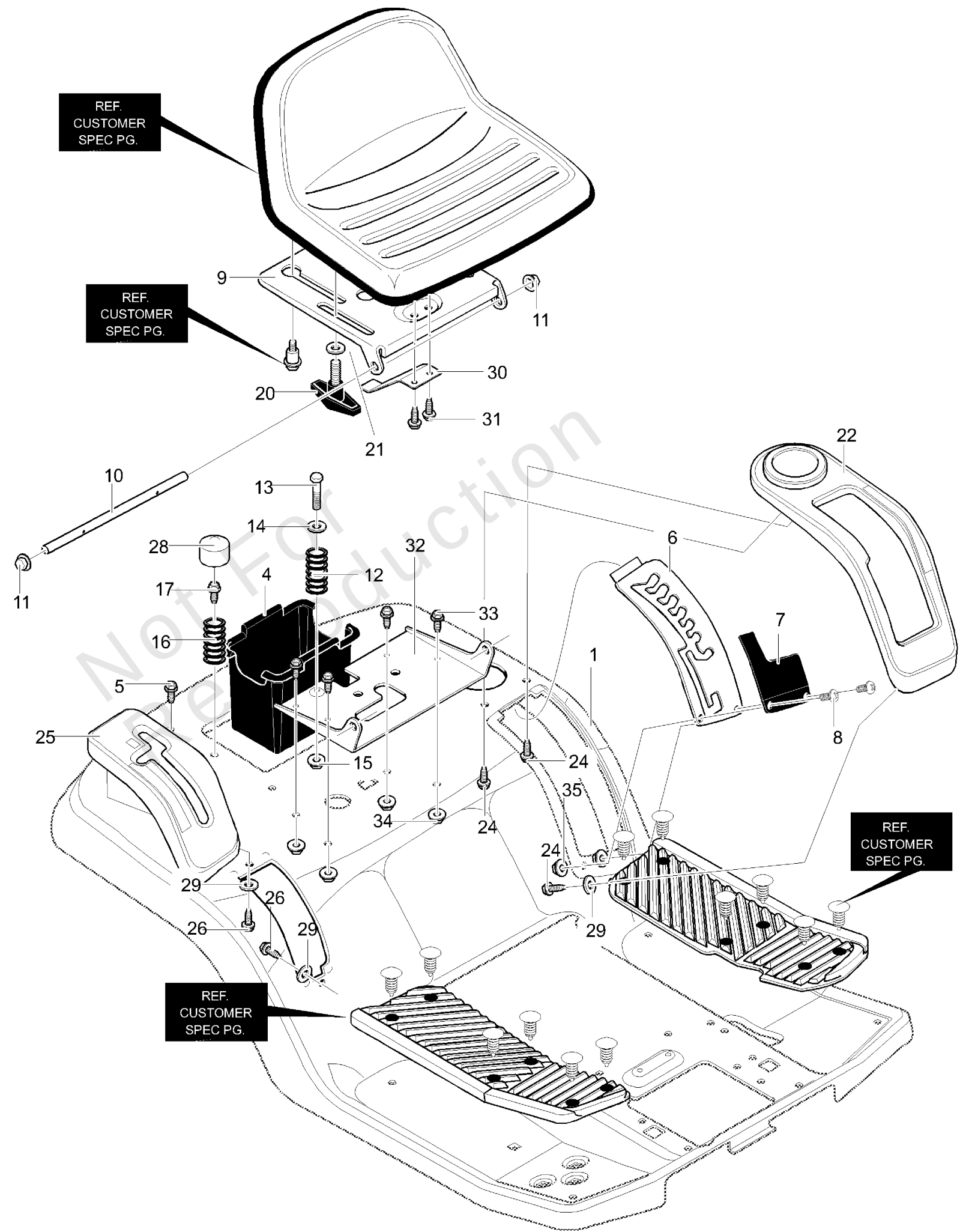
Mower Suspension Assembly

REF NO	PART NO	QTY	DESCRIPTION
1	711676		PIN, HAIR
8	94858-821		LINK, LIFT LH EXTENDED
9	94857-821		LINK, LIFT RH EXTENDED
10	711603		WASHER, FLAT
11	711676		PIN, HAIR
14	711676		PIN, HAIR
19	95285		LINK LIFT HANDLE
20	711617		WASHER, FLAT
21	711676		PIN, HAIR
22	094497		GRIP, LIFT
23	690532		HANDLE, LIFT
24	711616		WASHER, FLAT
25	710111		TORSION SPRING
40	165X117MA		SPRING, EXTENSION
42	165X137		SPRING, EXTENSION

Rear Chassis Assembly

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 50572x89A



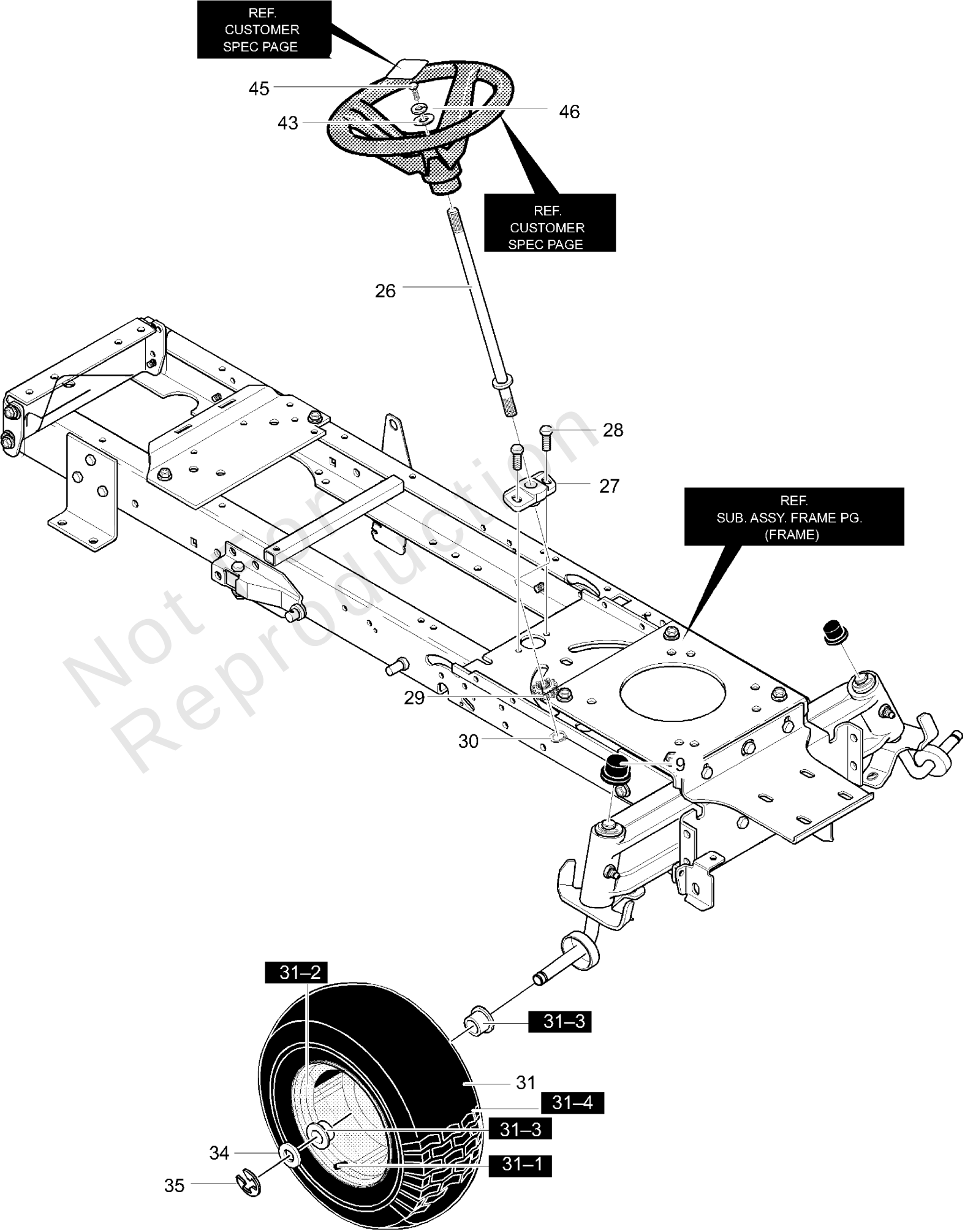
Rear Chassis Assembly

REF NO	PART NO	QTY	DESCRIPTION
1	94628-823		SEAT DECK-LARGE
4	690424MA		CONTAINER, BATTERY
5	711642MA		SCREW, 1/4-20X .63
6	94194-821		PLATE LIFT DETENT
7	094492		LIFT DET LOCKOUT LG GREY
8	711679		SCREW
9	94154-823		SUPPORT, SEAT
10	95294		HINGE SEAT PIVOT
11	711627MA		NUT, PUSH CAP
12	710136-821		SPRING, COMPRESSION
13	711610		BOLT, SHOULDER
14	95293		WASHER CUP
15	302635		NUT
16	710109-821		SPRING, COMPRESSION
17	711606MA		SCREW
20	711747MA		BOLT, WING
21	711644MA		WASHER, FLAT
22	094491		DETENT COVER W/CUP
24	711671MA		SCREW
25	094495		SHIFT COVER
26	711671MA		SCREW, 1/4-15X0.44
27	71067MA		WASHER, FLAT
28	020107MA		CAP, HUB/SEAT SPRING
29	71067MA		WASH, FLAT
30	094057MA		SPRING - LEAF
31	711592		SCREW, 1/4-20X.50
32	94153-823		BRACKET, PIVOT SEAT
33	711606MA		SCREW 5/16-18X.75
34	711634MA		NUT, 5/16-18
35	314159MA		NUT, #10-32 CTRLK B

Steering

Note: Unless noted otherwise, use the standard torque specifications

Mfg. No: 50572x89A



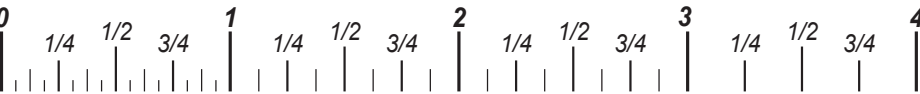
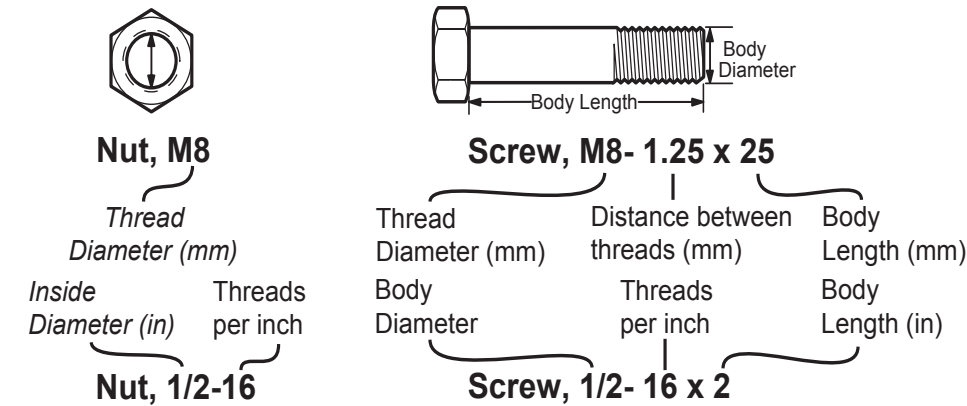
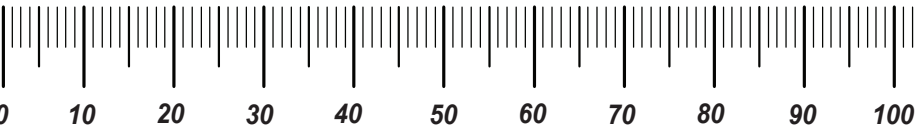
Steering

REF NO	PART NO	QTY	DESCRIPTION
9	094618MA		HUB CAP
26	094520		SHAFT, STEERING BOLT-ON
27	094124MA		BEARING-LOWER
28	711606MA		SCREW
29	094122		GEAR PINNION
30	710102		RING, RETAINER
31	094509		TIRE & RIM
31-1	338512		VALVE STEM
31-2	338517MA		RIM
31-3	338513		BEARING
31-4	343666		TIRE
--	094618MA		HUB CAP
34	711758		WASHER, FLAT
35	0011X3MA		RING, E .750D .050T
43	711720MA		WASHER, FLAT
45	711719		SCREW, 1/4-20X .75
46	710249		WASHER, (18X32)

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).

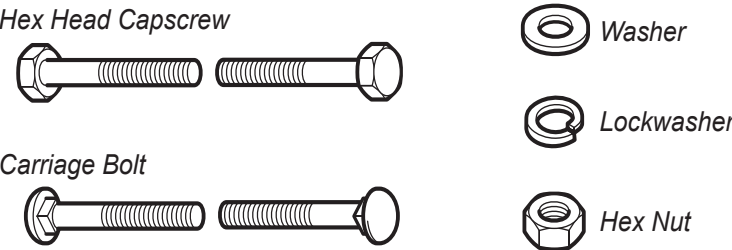
When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (*distance between threads*). The final number is the body length of the bolt or screw,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

