



Workman[®] e2050 Utility Vehicle

Model No. 07280TC - 260000001 and up.

Parts Catalog

Ordering Replacement Parts

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustrations and in part lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

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Part Description Abbreviations

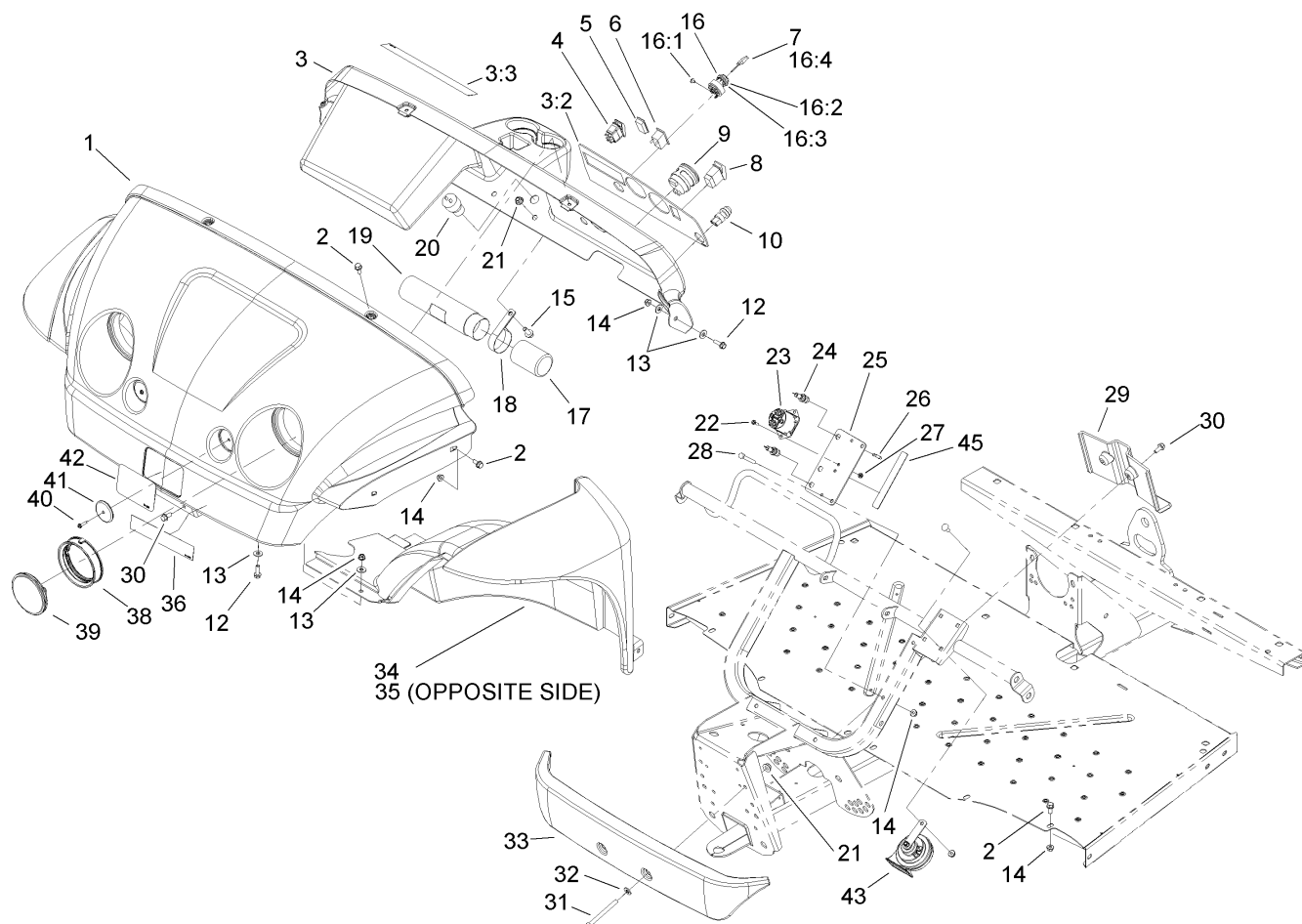
Part descriptions in this catalog may include the following abbreviations.

AR. as required	INC. incorporated
ASM. assembly	LH. left hand
BBC. blade brake clutch	NI. nylon insert
CARR. carriage	NPTF. national pipe thread fine
DEG. degrees	PFH. phillips flat head
EXT. external	PPH. phillips pan head
FH. flat head	PPHTF. phillips pan head thread forming
GA. gauge	PRH. phillips round head
HF. hex flange	PTH. phillips truss head
HH. hex head	PTO. power-take-off
HHF. hex head flange	RH. right hand
HHFTF. hex head flange thread forming	ROPS. roll-over-protection-system
HJ. hex jam	SFH. slotted fillister head
HLH. hex lag head	SHH. slotted hex head
HOC. height-of-cut	SHWH. slotted hex washer head
HSBH. hex socket button head	SPH. slotted pan head
HSFH. hex socket flat head	SQH. square head
HSH. hex socket head	SRH. slotted round head
HWH. hex washer head	STD. standard
HWHTF. hex washer head thread forming	TAP. self tapping
HYD. hydraulic	TTH. torx truss head

Footnotes

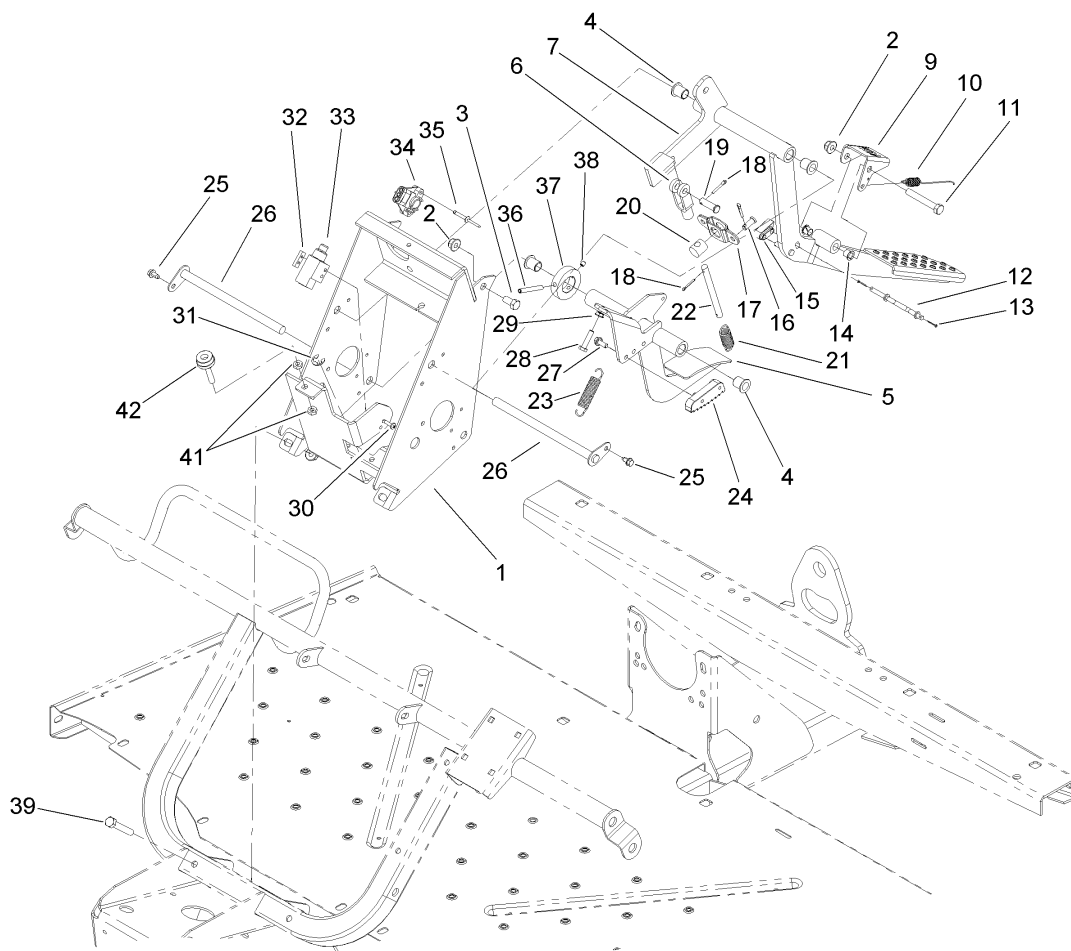
❶ Not illustrated

❷ Not serviced separately



Hood and Fender Assembly

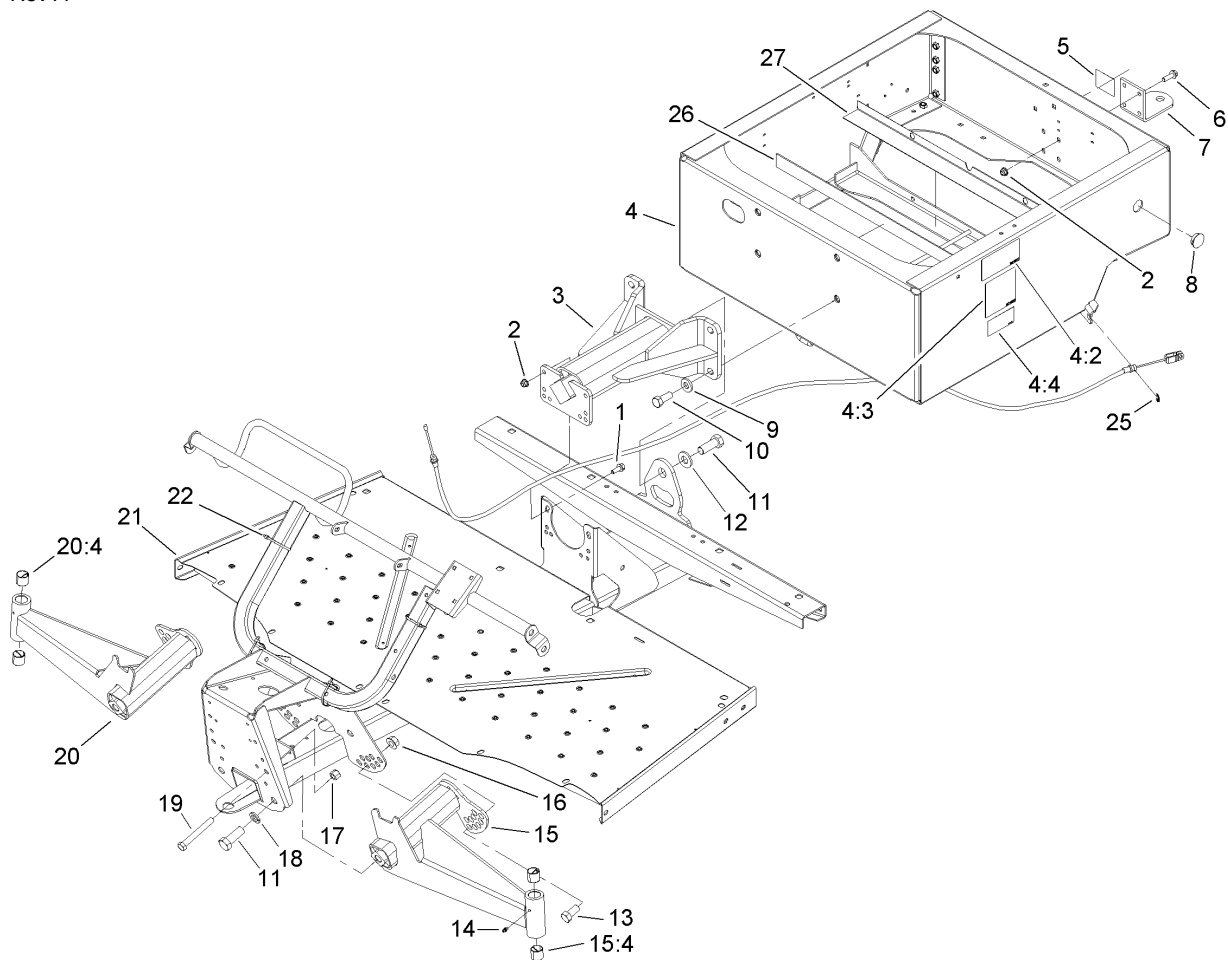
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	104-7003	1	Hood	20	94-5245	1	Switch-Key
2	3234-5	14	Screw-HHF	21	104-8301	4	Nut-Flange, NI
3	104-7216	1	Electric Dash ASM	22	32105-13	2	Screw-SHH
3:2	104-7214	1	Decal-Dash, Electric	23	104-7135	1	Solenoid
3:3	104-7215	1	Decal-Danger, Electric Vehicle	24	218-489	2	Holder-Fuse
4	107-0255	1	Switch	25	104-7252	1	Mount-Solenoid
5	99-7420	2	Plug-Hole	26	98-8876	2	Fuse-10 Amp
6	104-7129	1	Light-Indicator	27	32149-7	2	Nut-Keps
7	99-7418	1	Key-Ignition	28	322-11	2	Screw-HH
8	107-0747	1	Switch-Rocker	29	104-7075	1	Cover-Channel
9	107-0260	1	Guage-Hour/Battery Level, 48 Volt	30	104-7206	4	Screw HHF
10	18-2830	1	Button-Horn	31	323-42	2	Screw-HH
12	3234-17	4	Screw-HHF	32	3256-24	2	Washer-Flat
13	3256-3	8	Washer-Flat	33	99-7733	1	Bumper-Plastic
14	104-8300	16	Nut-Flange, NI	34	104-7076	1	LH Fender ASM
15	3234-11	2	Screw-HHF	35	104-7077	1	RH Fender ASM
16	107-0348	1	Switch-Key, 48V	36	104-7120	1	Decal-Electric
16:1	3250-28	3	Screw F/W	38	99-7311	2	Mount-Headlight
16:2	108-8659	1	Washer-Backup	39	104-7312	2	Headlight
16:3	108-8660	1	Nut-Mounting	40	32144-89	2	Screw-Forming, Thread
16:4	108-6994	1	Key-Ignition	41	99-7312	2	Reflector
17	104-7048	1	Cap-Housing	42	99-7339	1	Decal
18	2412-133	2	R-Clamp	43	107-0358	1	Horn
19	104-7050	1	Housing-Manual	45	107-0287	1	Decal-Fuse



Pedal Assembly

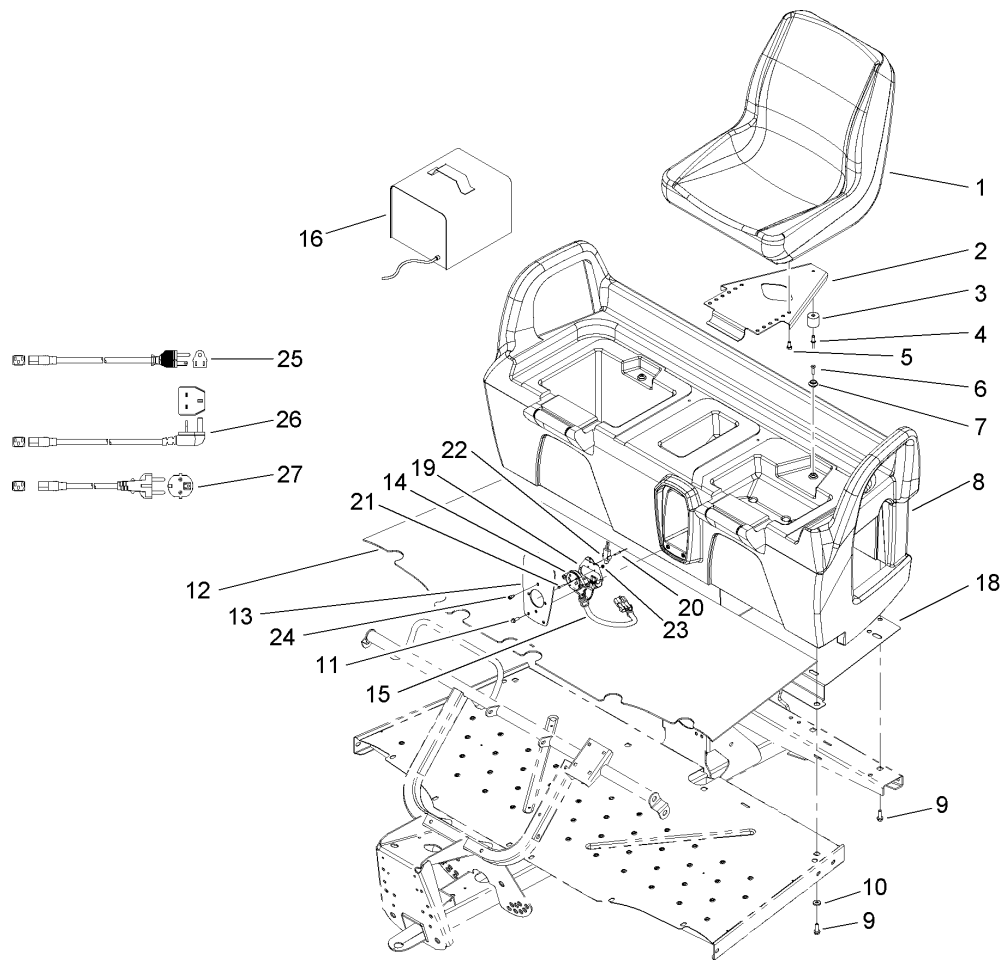
Ref	Part No.	Qty.	Description
1	110-2605-03	1	Frame-Pedals
2	104-8301	5	Nut-Flange, NI
3	323-4	2	Screw-HH
4	256-155	4	Bushing-Flange
5	110-2607-03	1	Pedal-Throttle
6	1-633131	1	Yoke-Linkage, Brake
7	104-7170-03	1	Pedal-Brake
9	104-6613	1	Pedal-Park
10	92-6945	1	Spring-Extension
11	323-12	1	Screw-HH
12	104-6616	1	Rod-Park
13	3272-4	3	Pin-Cotter
14	52-2891	2	Bushing-Link, Steering
15	104-6624	1	Detent-Brake
16	283-62	2	Pin-Clevis
17	104-6599	1	Pivot-Brake
18	3272-10	4	Pin-Cotter
19	283-2	1	Pin-Clevis
20	104-6598	1	Pin-Pivot
21	613386	1	Spring-Brake
22	104-6597	1	Rod-Threaded
23	104-6415	1	Spring-Return, Pedal
24	104-6614	1	Pawl-Brake
25	12-3270	2	Screw

Ref	Part No.	Qty.	Description
26	104-7164	2	Pivot-Pedals
27	3234-33	2	Screw-HHF
28	321-7	2	Screw-HH
29	32149-2	2	Nut-Keps
30	104-7221	2	Screw-PPH
31	32120-47	2	Ring-Retaining, External
32	1-633181	1	Plate-Tapped
33	99-7407	1	Switch
34	104-7365	1	Sensor-Position, Rotary
35	107-0386	2	Rivet-Blind
36	32121-78	1	Pin-Roll
37	104-7301	1	Collar
38	3245-32	2	Screw-HSH
39	323-11	2	Screw-HH
41	3218-2	2	Nut-Jam
42	32141-36	1	Screw-Adjustment, Level



Frame Assembly

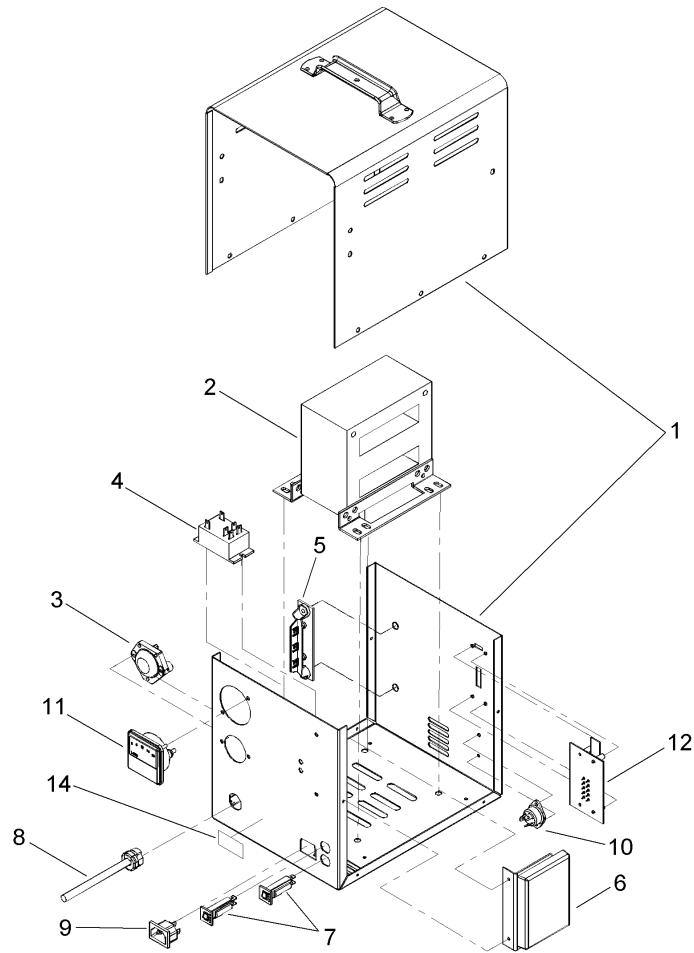
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	3234-11	4	Screw-HHF	20:4	3-0348	2	Bushing
2	104-8301	8	Nut-Flange, NI	21	104-7197-03	1	Front Frame ASM
3	99-7700	1	Pivot Yoke ASM	22	3290-379	11	Tie-Cable
4	104-7130	1	Rear Frame ASM	25	32120-47	2	Ring-Retaining, External
4:2	104-7207	2	Decal-Electric	26	107-0252	1	Pad-Battery
4:3	107-0257	1	Decal-Polarity	27	107-0267	4	Isolator-Battery
4:4	104-7131	1	Decal-Capacity, Electric				
5	99-7350	1	Decal-Information				
6	3234-24	4	Screw-HHF				
7	99-7654-03	1	Hitch-Duty, Light				
8	94-1402	1	Plug-Hole				
9	99-7667	4	Washer-Flat				
10	327-4	4	Screw-HH				
11	328-24	5	Screw-HH				
12	87-3060	1	Washer-Hardened				
13	3214-2	2	Screw-HH				
14	302-5	2	Fitting-Grease				
15	99-7685	1	LH A-Arm ASM				
15:4	3-0348	2	Bushing				
16	32128-54	2	Nut-HF				
17	3296-23	2	Nut-Lock, NI				
18	3254-7	4	Washer-Lock, Int				
19	325-17	2	Screw-HH				
20	99-7684	1	RH A-Arm ASM				



Seat Base Assembly

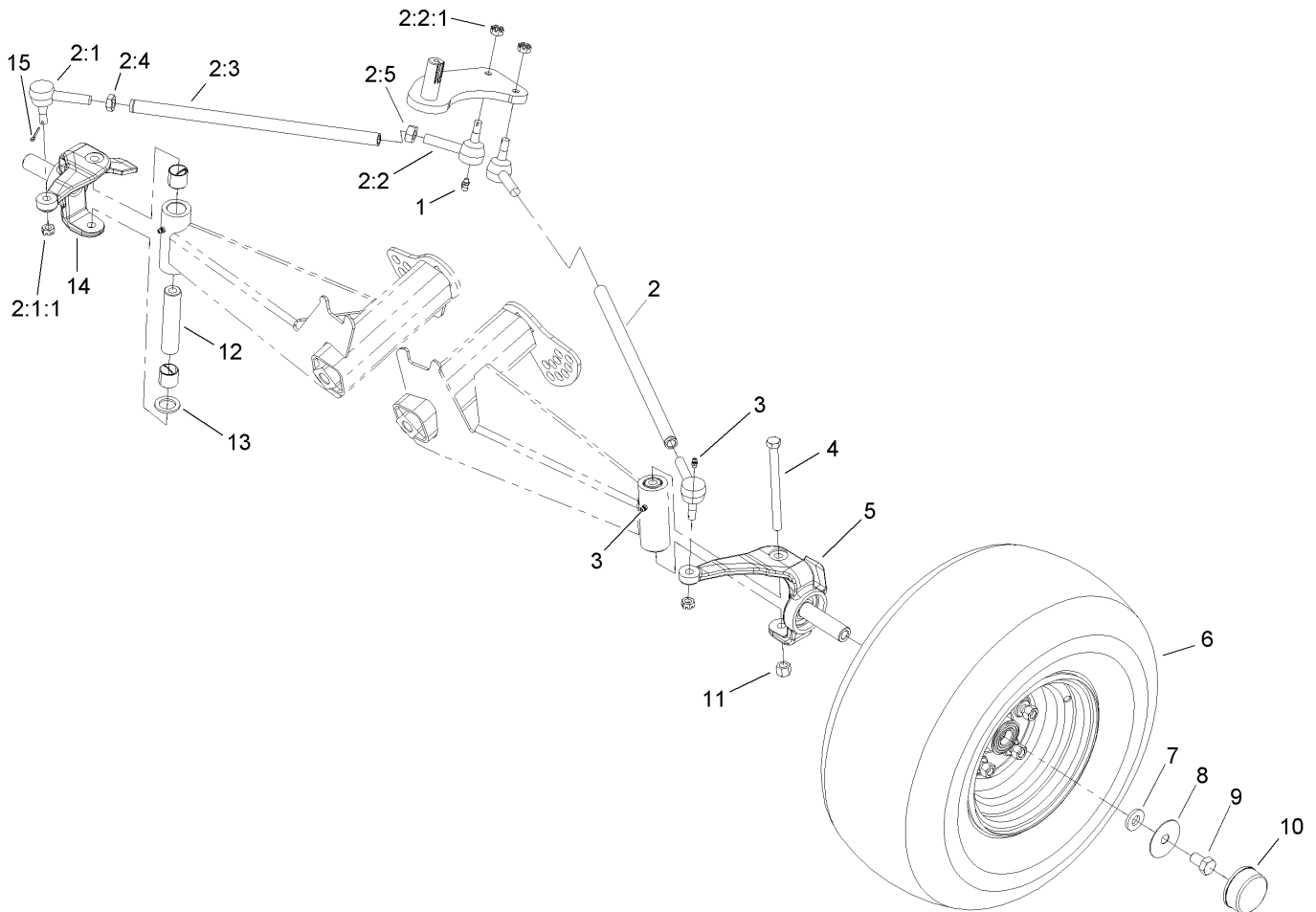
Ref	Part No.	Qty.	Description
1	106-6672	2	Seat
2	99-7829	2	Bracket-Seat
3	99-7830	2	Rubber Receptical ASM
4	3290-412	2	Rivet
5	33114-016	8	Screw-HH
6	32108-5	2	Screw-FH
7	99-7833	2	Post-Holding
8	104-6401	1	Seat Base ASM
9	3234-17	8	Screw-HHF
10	88-7200	8	Washer-Flat
11	32105-15	4	Screw
12	104-6590	1	Mat-Floor
13	107-0370	1	Plate-Receptacle
14	107-0288	1	Receptacle-Charger
15	107-0746	1	Harness-Wire, Charger
16	110-2570	1	Charger-48V, Offboard
18	107-0359-03	1	Tray-Seatbase
19	107-0716	1	Bracket-Mount, Socket
20	107-0333	2	Rivet-Pop
21	107-0334	2	Screw-HSH
22	99-3410	1	Switch
23	3296-9	2	Nut-Lock
24	32104-17	4	Screw-HWH
25	107-0384	1	Powercord-Ac, Canada

Ref	Part No.	Qty.	Description
26	107-0383	1	Powercord-Ac, U.K.
27	107-0382	1	Powercord-Ac, Europe



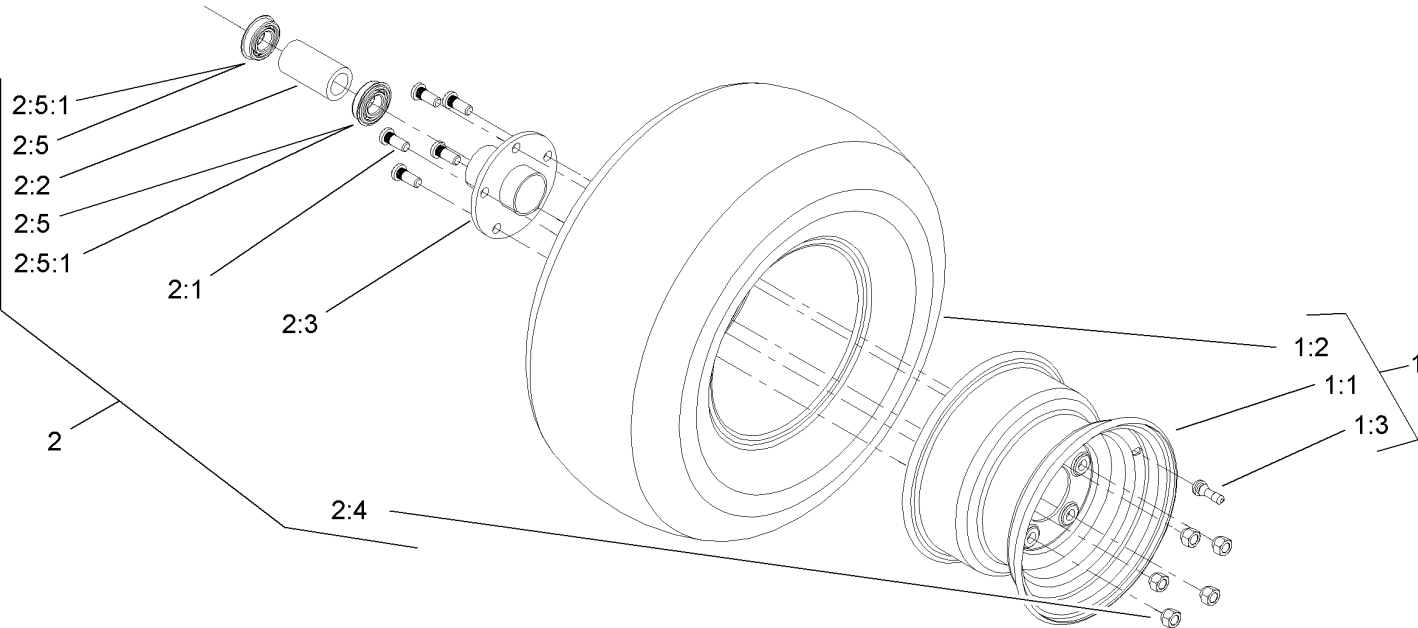
Offboard 48 Volt Charger Assembly No. 110-2570

Ref	Part No.	Qty.	Description				
❶1		1	Case ASM				
❷2		1	Transformer ASM				
3	108-1161	1	Fuse ASM				
4	108-1170	1	Relay, 48V Dc				
5	108-1163	1	Diode ASM				
6	110-2574	1	Control Board ASM				
7	110-2577	1	Breaker-Circuit				
8	108-1173	1	Kit-Cordset				
9	108-1174	1	Connnector-Inlet				
10	108-1168	1	Scr, W / Terminals				
11	108-1175	1	Ammeter				
12	110-2578	1	Switch ASM				
❶13	108-3071	1	Cordset Kit (20 Ft Dc)				
14	110-2576	1	Decal-Recycle				



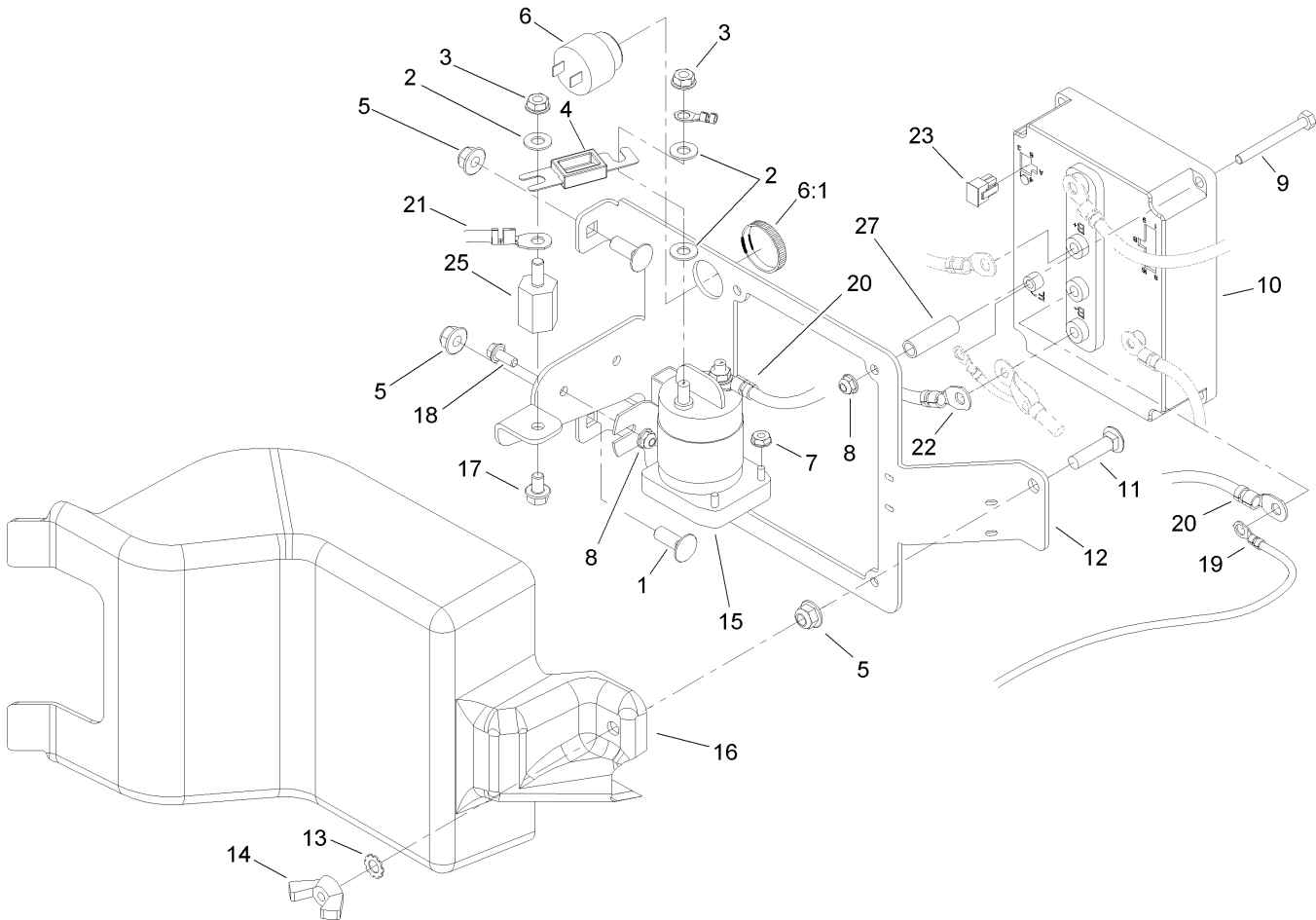
Front Tire and Steering Assembly

Ref	Part No.	Qty.	Description				
1	302-60	2	Fitting-Grease, 90 DEG				
2		2	Rod-Tie				
2:1	112772	1	Joint-Ball, RH				
2:1:1	915031	1	Nut				
2:2	112771	1	Joint-Ball, LH				
2:2:1	915031	1	Nut				
2:3	99-7600-03	1	Rod-Tie				
2:4	3220-11	1	Nut-Jam				
2:5	3218-21	1	Nut-Jam				
3	302-5	2	Fitting-Grease				
4	325-20	2	Screw-HH				
5	99-7486-03	1	Spindle-LH				
6		2	Tire, Wheel And Hub ASM				
7	99-7667	2	Washer-Flat				
8	99-7719	2	Washer				
9	327-2	2	Screw-HH				
10	94-7871	2	Cap-Dust				
11	3296-23	2	Nut-Lock, NI				
12	99-7499	2	Sleeve-Kingpin				
13	256-115	2	Washer-Thrust				
14	99-7487-03	1	Spindle-RH				
15	3272-7	4	Pin-Cotter				



Tire, Wheel and Hub Assembly

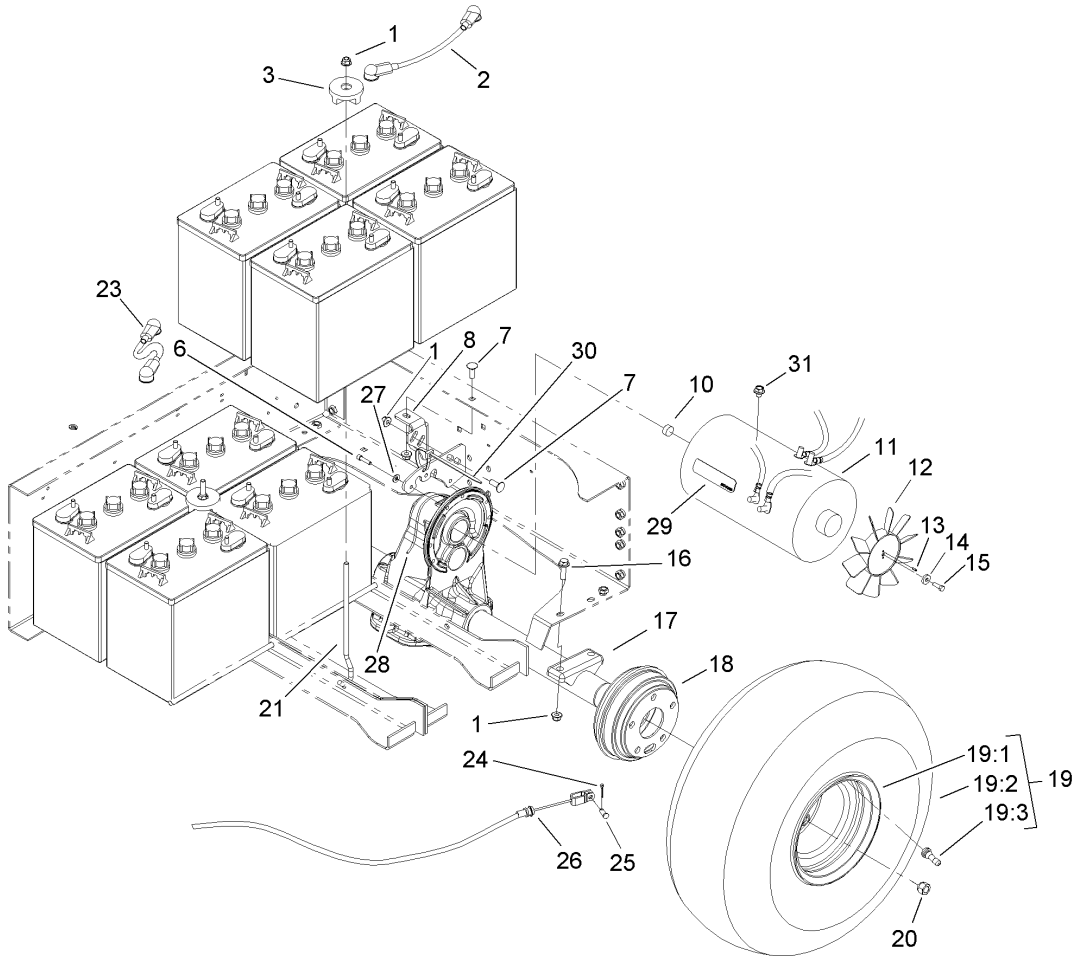
Ref	Part No.	Qty.	Description				
1	104-7290	1	Tire \ Wheel ASM				
1:1	104-7288	1	Wheel				
1:2	104-7289	1	Tire				
1:3	232-27	1	Stem-Valve				
2	104-7287	1	Hub And Flange ASM				
2:1	104-7283	5	Stud				
2:2	104-7284	1	Spacer				
2:3	104-7286	1	Hub And Flange				
2:4	242-50	5	Nut-Lug				
2:5	94-7538	2	Bearing				
2:5:1	94-2053	1	Ring-Snap				



Controller Assembly

Ref	Part No.	Qty.	Description
1	3231-22	2	Screw-CARR
2	107-0394	3	Washer-Flat
3	107-0380	3	Nut-HHF
4	104-7320	1	Fuse
5	104-8301	3	Nut-Flange, NI
6	94-5582	1	Alarm-Audio
6:1	104-5107	1	Nut-Plastic, Knurled
7	32149-8	2	Nut-Keps
8	104-7201	6	Nut-HF
9	321-15	4	Screw-HH
10	104-7337	1	Controller
11	3231-4	1	Screw-CARR
12	104-7137-03	1	Mount-Controler
13	3255-9	1	Washer-Lock, EXT
14	32103-3	1	Nut-Wing
15	104-7136	1	Contactor-48V
16	104-7138	1	Cover-Controller
17	100-1719	1	Screw-Flange
18	3234-33	2	Screw-HHF
19	107-0730	1	Harness-Wire, Electric Mid Duty
20	107-0740	1	Cable-Battery, Positive
21	107-0741	1	Cable-Battery, Positive
22	107-0742	1	Cable-Battery, Negative
23	32160-130	1	Connector

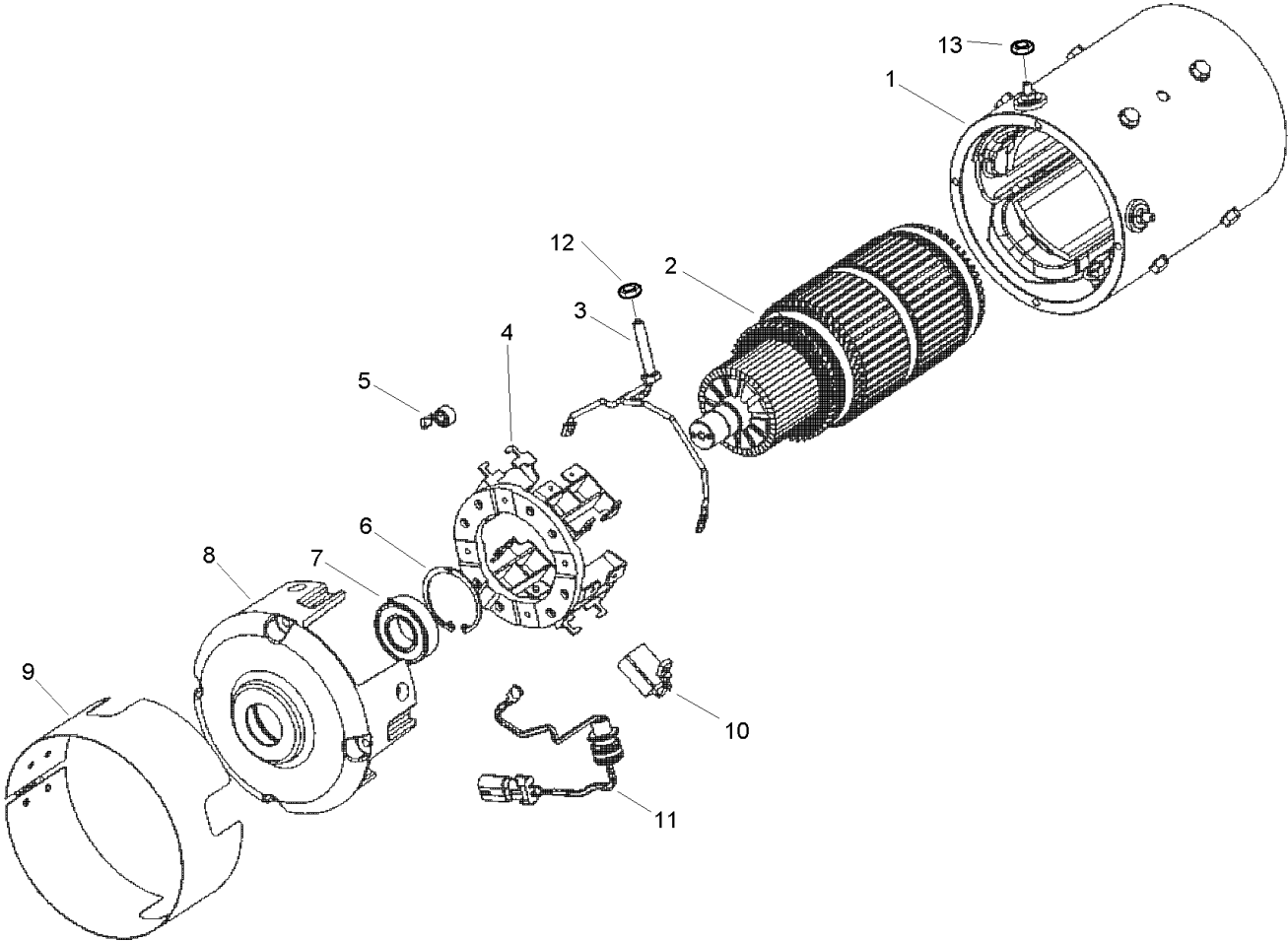
Ref	Part No.	Qty.	Description
●24	107-0737	1	Harness-Wire, Battery Cable
25	107-0286	1	Isolator
27	107-0285	4	Spacer
●28	3290-379	2	Tie-Cable



Battery and Transaxle Assembly

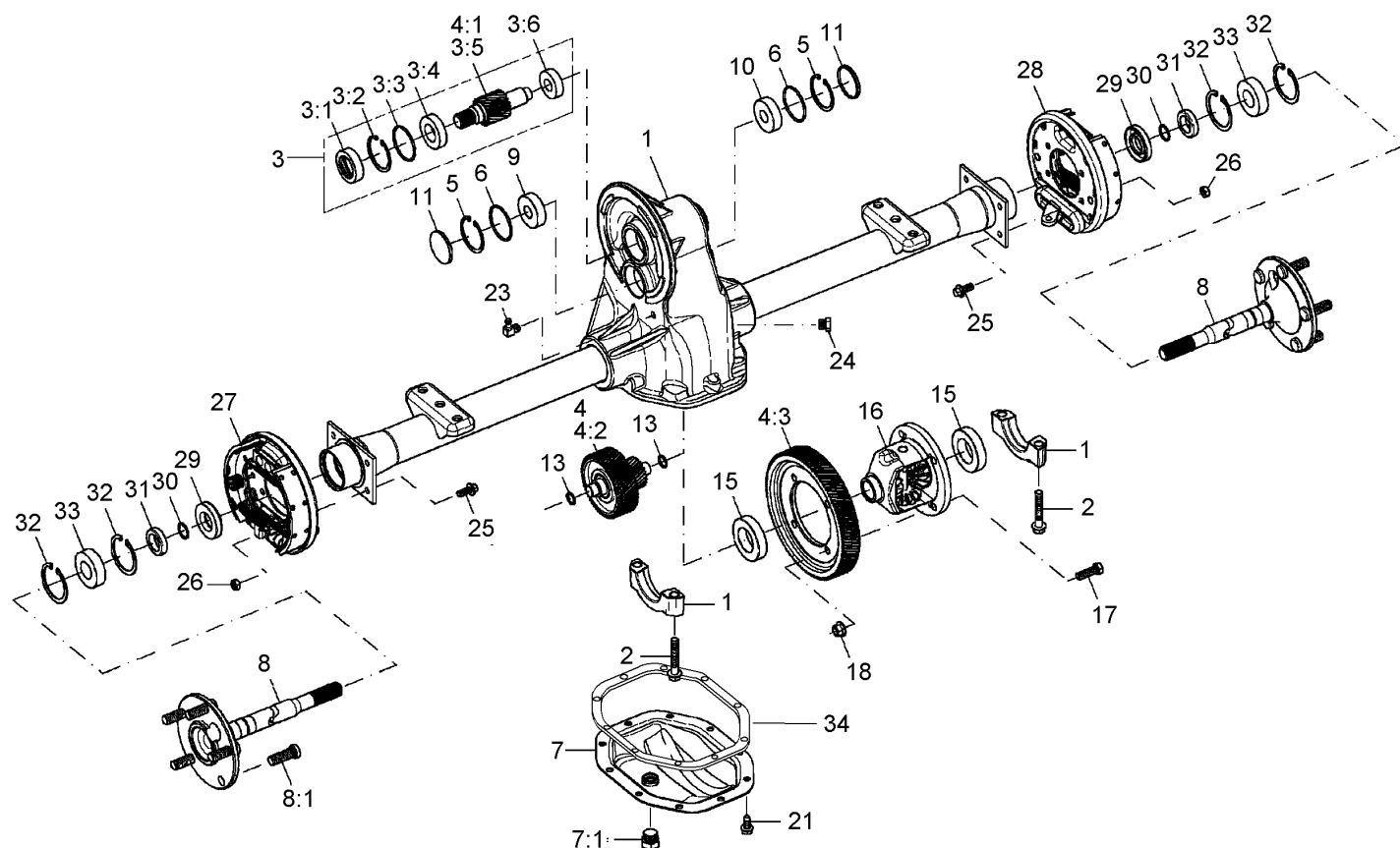
Ref	Part No.	Qty.	Description
1	104-8301	11	Nut-Flange, NI
2	107-0739	1	Cable-Battery, Positive
3	104-7149	2	Hold Down ASM
6	3274-26	6	Screw-HSH
7	3231-22	5	Screw-CARR
8	104-7249-03	1	Bracket-Support
10	104-7243	1	Damper-Rubber
11	104-7335	1	Motor-Electric
12	107-0259	1	Fan-10 Blade, Clockwise
13	32121-68	2	Pin-Roll
14	73-3580	1	Washer
15	3274-8	1	Screw-HSH
16	3234-24	4	Screw-HHF
17	104-7378	1	Transaxle-Electric
18	104-6500	2	Drum-Brake
19	104-7290	2	Tire \ Wheel ASM
19:1	104-7288	1	Wheel
19:2	104-7289	1	Tire
19:3	232-27	1	Stem-Valve
20	242-50	10	Nut-Lug
21	104-7339	2	Rod-Battery
23	107-0738	6	Cable-Battery, Positive
24	3272-10	2	Pin-Cotter
25	283-62	2	Pin-Clevis

Ref	Part No.	Qty.	Description
26	104-7324	2	Cable-Brake
27	3256-22	6	Washer-Flat
28	5-4542	1	Line-Gas
29	107-0356	1	Decal-Motor
30	3290-379	12	Tie-Cable
31	107-0376	1	Screw-HSFH



Electric Motor Assembly No. 104-7335

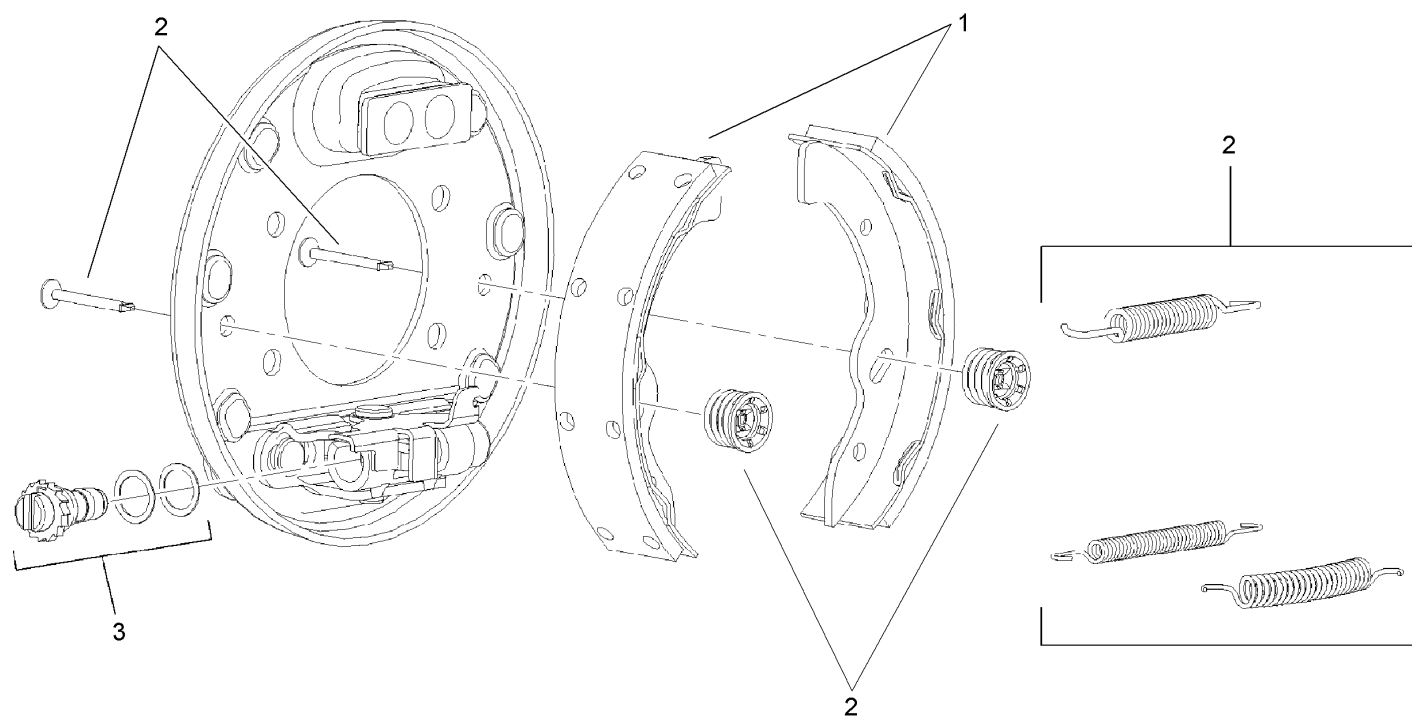
Ref	Part No.	Qty.	Description				
1			1 Frame And Field ASM				
2			1 Armature ASM				
3	108-1151		2 Brush Lead ASM				
4	108-1152		1 Brush Box ASM				
5	108-1153		8 Spring-Brush				
6	108-1154		1 Ring-Retaining				
7	108-1155		1 Bearing				
8	108-1156		1 Head-Commutator				
9	108-1157		1 Headband ASM				
10	108-1158		8 Brush				
11	108-1159		1 Thermal Sensor ASM				
12	3218-13		2 Nut-Jam, Brass				
13	3218-14		2 Nut-Jam, Brass				



Axle Assembly No. 104-7378

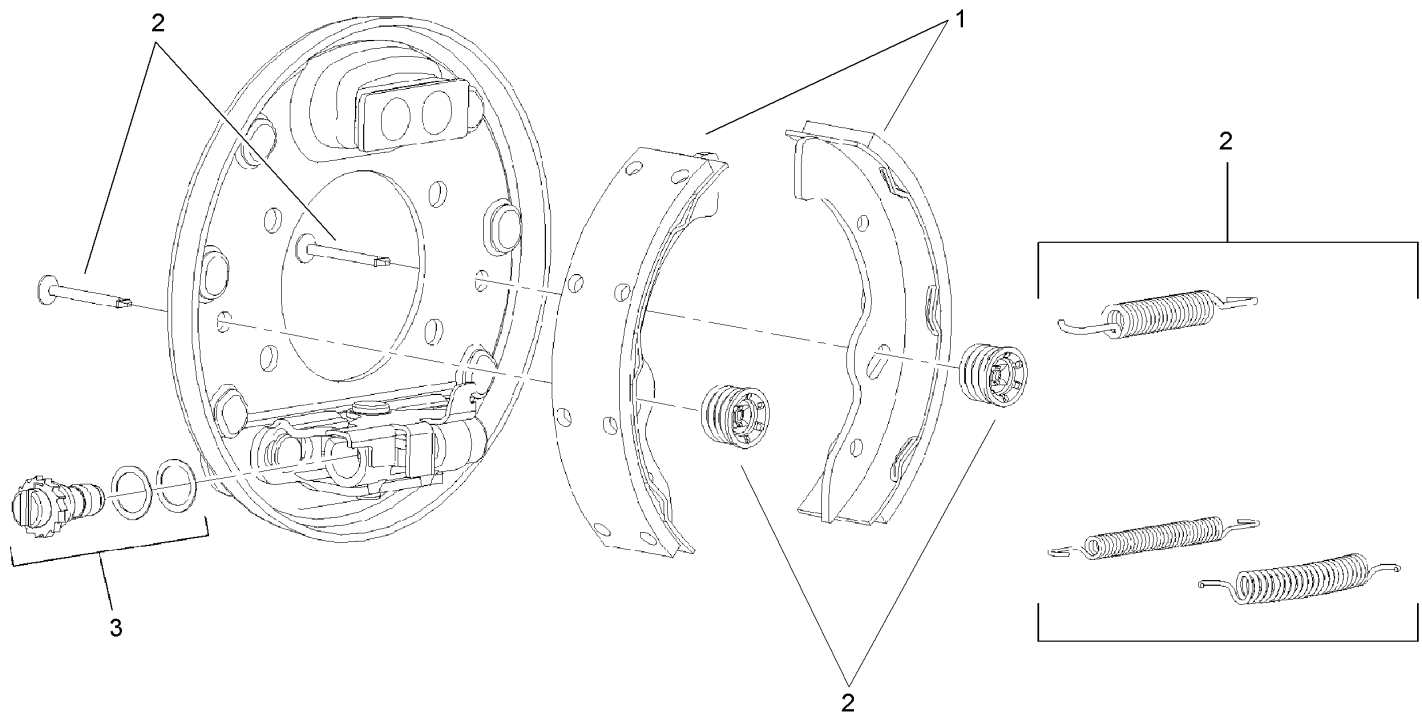
Ref	Part No.	Qty.	Description
1		1	Housing ASM
2	108-2401	4	Bolt-Cap, Bearing
3	108-2402	1	Input Shaft Kit
3:1	108-2403	1	Seal-Oil
3:2	108-2404	1	Ring-Retaining
3:3	108-2405	1	O-Ring
3:4		1	Bearing-Ball
3:5		1	Shaft-Input
3:6		1	Bearing-Ball
4	108-2409	1	Internal Gear Kit
4:1		1	Shaft-Input
4:2		1	Gear-Intermediate
4:3		1	Gear-Drive, Final
4:3	110-2541	1	Gear-Drive, Final
5	108-2404	2	Ring-Retaining
6	108-2405	2	O-Ring
7	108-2416	1	Cover Kit
7:1	108-2415	1	Plug-HH
8	108-2426	1	Axle Shaft Kit
8:1	106-9205	5	Stud-Wheel
9	108-2406	1	Bearing-Ball
10	108-2407	1	Bearing-Ball
11	108-2408	2	Plug-Cap, End
13	108-2410	2	O-Ring

Ref	Part No.	Qty.	Description
15	108-2411	2	Bearing-Ball
16	108-2412	1	Differential ASM
17	108-2413	4	Screw-Hex
18	108-2414	4	Nut-Lock
21	108-2427	10	Screw-Tapping
23	108-2428	1	Elbow-90 Degree
24	108-2429	1	Plug-HH
25	108-2417	8	Screw-Head, Flange
26	108-2418	8	Nut-Lock
27	108-2419	1	LH Brake ASM
28	108-2420	1	RH Brake ASM
29	108-2421	2	Seal-Oil
30	108-2422	2	Ring-Retaining
31	108-2423	2	Ring-Retaining, Wheel Bearing
32	108-2424	4	Ring-Retaining
33	108-2425	2	Bearing-Ball
34	108-3148	1	Gasket



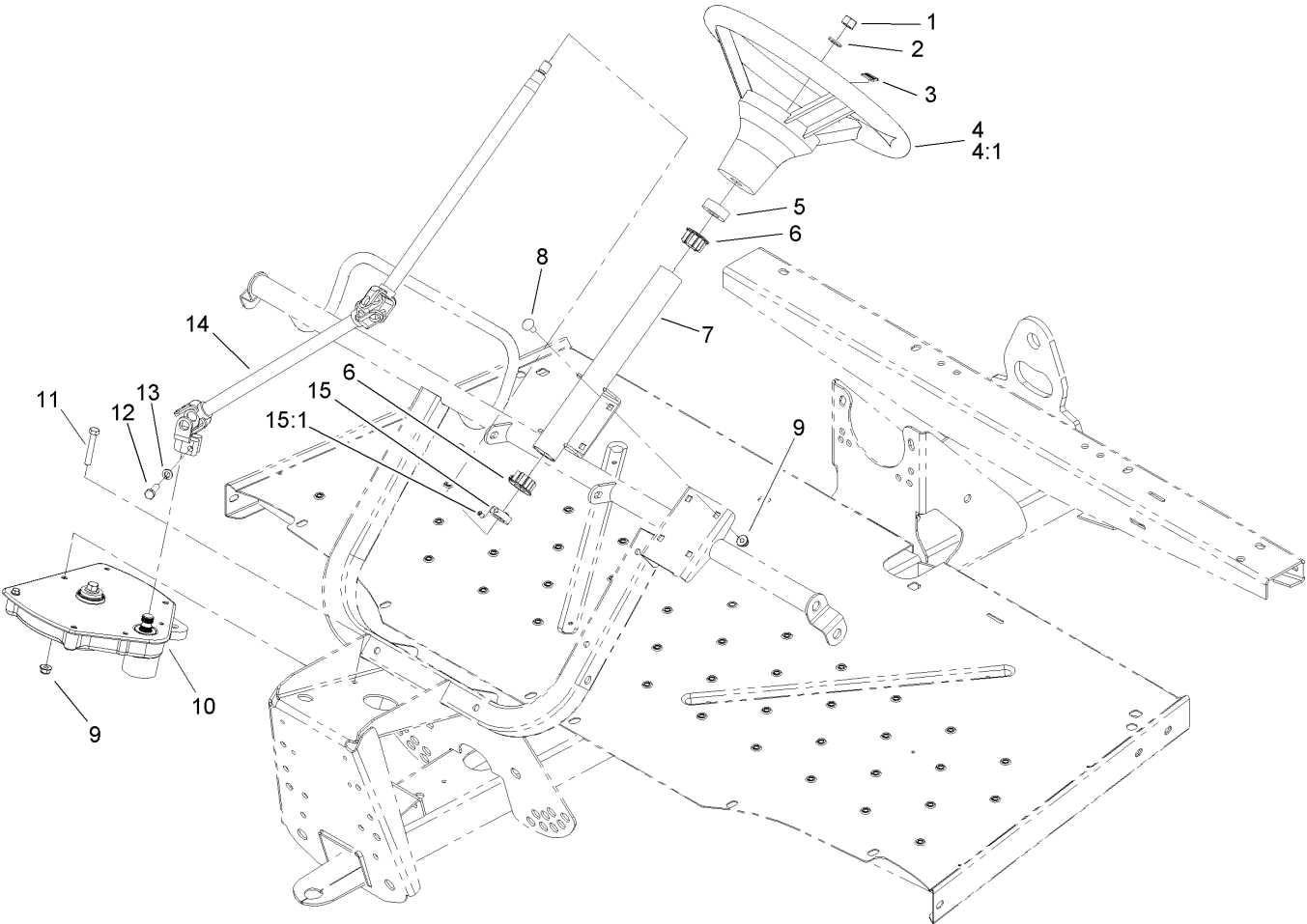
Left Hand Brake Assembly No. 108-2419

Ref	Part No.	Qty.	Description
1	108-6995	1	Shoe And Lining Kit (Set Of 4)
2	104-1244	1	Spring Kit
3	104-1245	1	LH Adjuster Kit



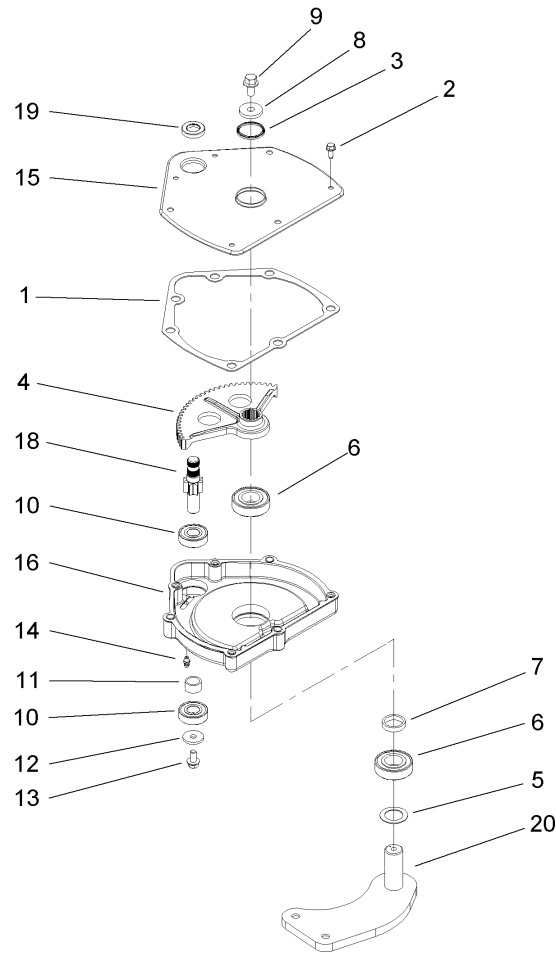
Right Hand Brake Assembly No. 108-2420

Ref	Part No.	Qty.	Description
1	108-6995	1	Shoe And Lining Kit (Set Of 4)
2	104-1244	1	Spring Kit
3	104-1246	1	RH Adjuster Kit



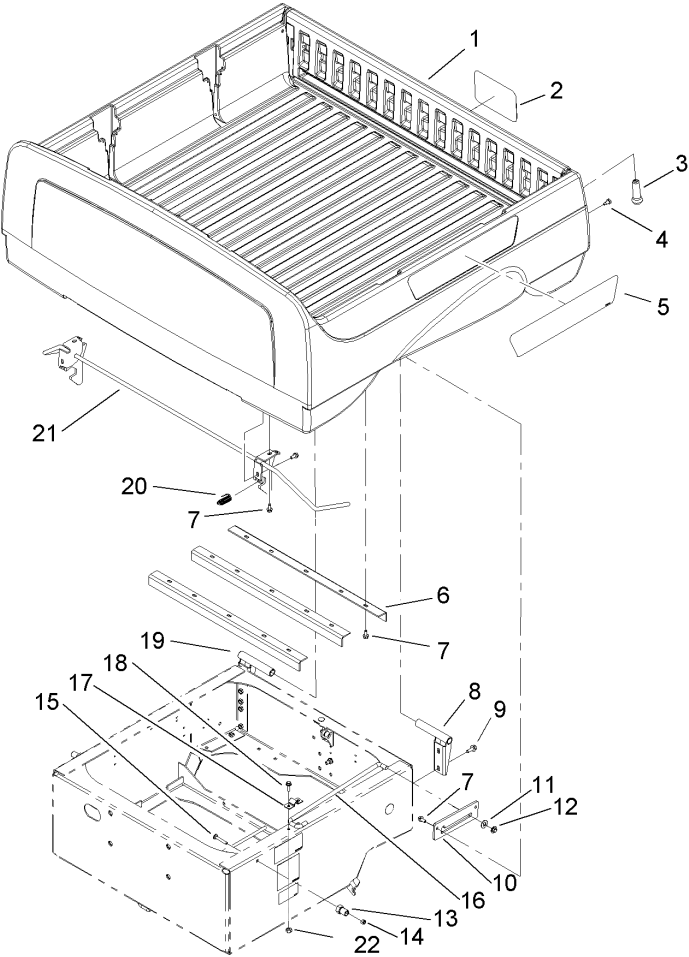
Steering Assembly

Ref	Part No.	Qty.	Description				
1	3277-1	1	Nut-Hex				
2	48-8070	1	Washer-Lock				
3	98-1459	1	Decal				
4	98-1471	1	Wheel-Steering				
4:1	98-1468	1	Cover-Wheel, Steering				
5	21-9260	1	Cover-Dust				
6	93-1146	2	Bushing-Upper, Steering				
7	99-7651-03	1	Column-Steering				
8	3230-1	4	Bolt-CARR				
9	104-8300	7	Nut-Flange, NI				
10	99-7660	1	Steering Gearbox ASM				
11	322-10	3	Screw-HH				
12	48-7730	1	Screw-HH				
13	3253-4	1	Washer-Lock				
14	99-7653	1	Shaft-Steering				
15	111383	1	Collar				
15:1	3245-32	1	Screw-HSH				



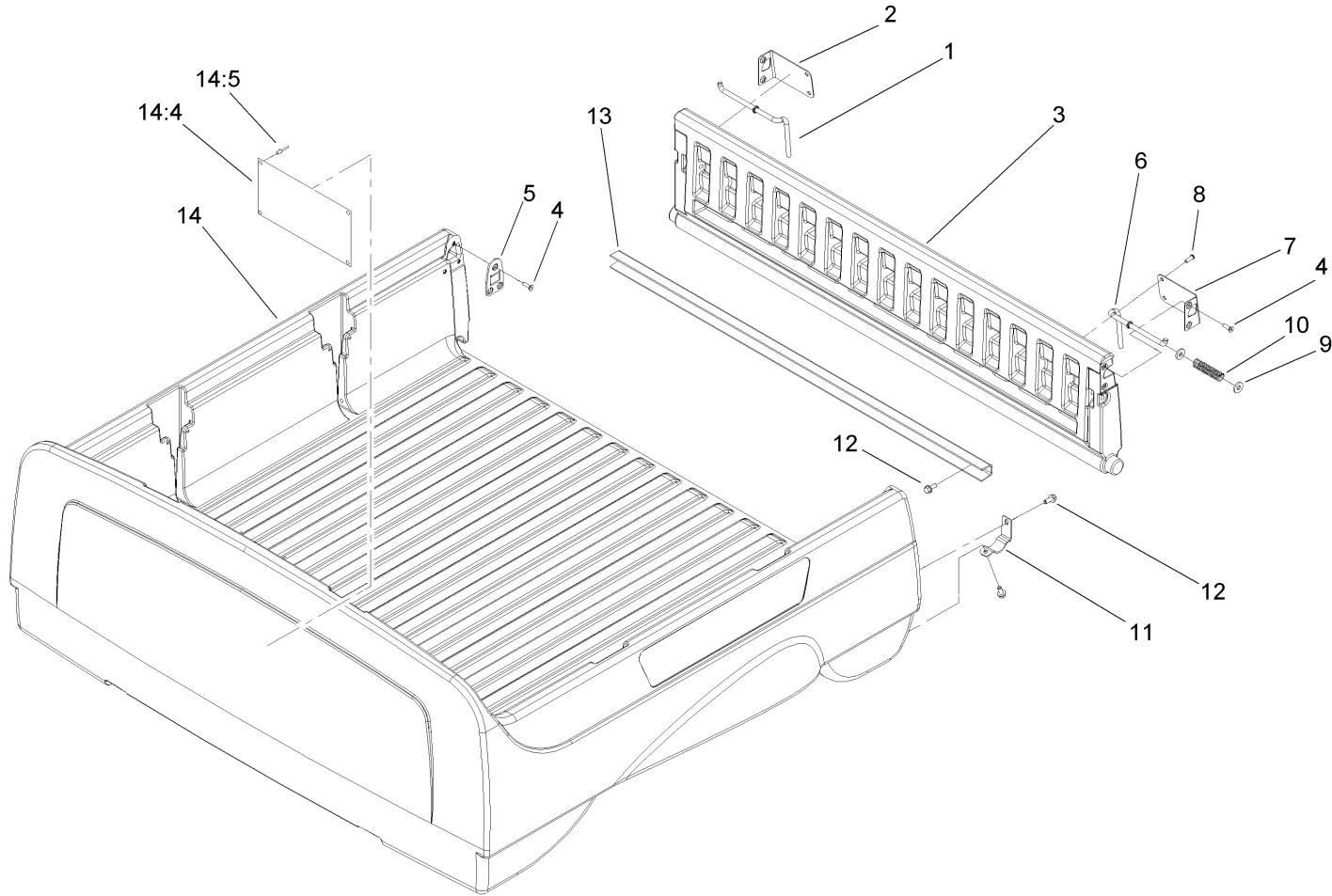
Steering Gearbox Assembly No. 99-7660

Ref	Part No.	Qty.	Description				
1	94-2135	1	Gasket				
2	32144-10	4	Screw-HWH				
3	103118	1	Seal				
4	99-7843	1	Sector-Gear				
5	3256-42	1	Washer-Flat				
6	251-82	2	Bearing-Ball				
7	94-2218	1	Spacer-Shaft, Output				
8	104-6563	1	Washer-Stepped				
9	104-7156	1	Screw-HHF				
10	38-7820	2	Bearing-Ball				
11	94-2217	1	Spacer-Shaft, Input				
12	1-613235	1	Washer				
13	98-3498	1	Screw-HH				
14	302-5	1	Fitting-Grease				
15	99-7656-03	1	Cover-Housing, Steering				
16	99-7658	1	Housing-Steering				
18	99-7650	1	Gear-Pinion				
19	99-7657	1	Seal-Oil				
20	99-7601-03	1	Arm-Pitman				



Box and Tailgate Installation Assembly

Ref	Part No.	Qty.	Description				
1		1	Box And Tailgate ASM				
2	104-7213	1	Decal				
3	99-7984	2	Knob-Soft Grip, Push-On				
4	87-8460	2	Bumper-Rubber				
5	104-7265	2	Decal				
6	99-7864-03	3	Brace-Box				
7	3234-5	18	Screw-HHF				
8	99-7308-03	1	LH Pivot Bracket ASM				
9	3234-11	4	Screw-HHF				
10	99-7894	1	Bracket-Rod, Prop				
11	3256-26	1	Washer-Flat				
12	32112-14	1	Nut-Push				
13	104-7248	2	Pin-Latch				
14	3296-29	2	Nut-Lock, NI				
15	3230-7	2	Screw-CARR				
16	99-7895	1	Rod-Prop				
17	99-7896	1	Bracket-U, Prop Rod				
18	3234-17	2	Screw-HHF				
19	99-7309-03	1	RH Pivot Bracket ASM				
20	5-7290	2	Spring-Tension				
21	104-7244	1	Rod-Latch				
22	104-8300	2	Nut-Flange, NI				



Box and Tailgate Assembly

Ref	Part No.	Qty.	Description				
1	99-7860	1	Rod-Latch, Right				
2	99-7858	1	Bracket-Tailgate Latch, Right				
3	99-7893	1	Tailgate ASM				
4	99-7334	10	Screw				
5	99-7852	2	Plate-Striker				
6	99-7859	1	Rod-Latch, Left				
7	99-7857	1	Bracket-Tailgate Latch, Left				
8	99-7335	4	Screw				
9	99-7861	4	Washer-Latch				
10	61-8880	2	Spring				
11	99-7286	2	Bracket-Pivot, Tailgate				
12	3234-5	10	Screw-HHF				
13	99-7867	1	Channel-Tailgate				
14	104-7203	1	Box ASM				
14:4	99-7954	1	Decal-No Riders				
14:5	3290-415	4	Rivet				

Attachments and Accessories

For 07280TC - Workman e2050 Utility Vehicle

Product Name	Model/Part
Stand Alone Windshield Kit	07221
Electric Bed Lift Kit	07260
Rear Lift Kit	07261
Roll-Over-Protection-System	07276
Receiver Hitch Kit	07278
Heavy-Duty Bumper Kit	07282
12V Converter Kit	07286
Stake Side Kit	07290
Cab	07291
Folding Windshield Kit	07293
Windshield Kit	07294
Heavy-Duty Brushguard and Bumper Kit	07296
Canopy Kit	07297
Tire	104-7289
Brake and Signal Light Kit	107-8020
Vinyl Enclosure	79979

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