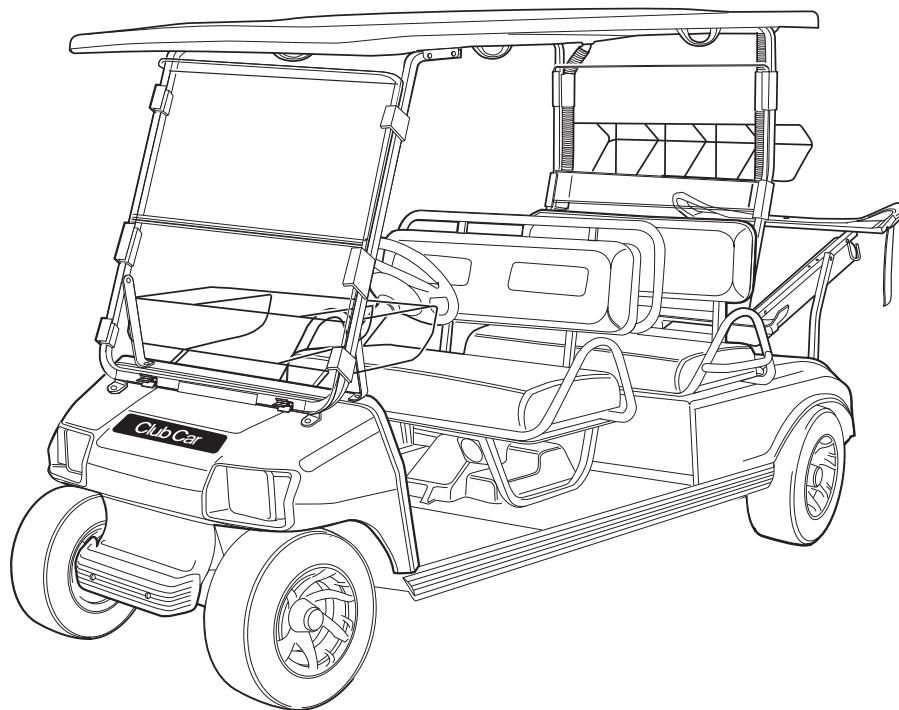


**Club Car**

®

**2008  
Limo  
Illustrated Parts List**



**Gasoline and Electric Vehicles**

Manual Number 103373006  
Edition Code 0907L0112K



# USING THE ILLUSTRATED PARTS LIST

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## **⚠ WARNING**

- This manual is to be used only for identification and ordering of service parts. Be sure to read and use the maintenance and service manual before attempting any vehicle repairs.

This manual covers 2008 Limo golf cars equipped with manual brakes.

The manual is divided into sections. Note that there are two or three flags on the outside edge of each page. The first flag contains the section number of which that page is a part. The other flag (or flags) contains the letter G or E, signifying that the page pertains to the electric or gasoline vehicles only.

Use the Table of Contents to find the sections and pages that contain the parts and assemblies you seek. The Table of Contents lists section numbers, and under them, the individual page titles and numbers to be found in that section. The index can be used to find specific parts and assemblies.

There is a two-page spread for each individual page title in the Table of Contents. On the left-hand page is an illustration showing the parts in their relative positions; the parts are each tagged with an item number in a balloon. The right-hand page is the parts list page, and gives the page title at the top, then the item numbers (corresponding to the numbers on the illustration), part descriptions, and quantity of parts used.

Note that a part description may be indented. This indentation corresponds to a parts assembly level indicated by the numbers 1, 2, 3, and 4 at the top left corner of the parts description area of the parts list page. A part that is indented to *level 2* is a component of the *level 1* part (assembly) that it is listed under. A *level 3* part is a component of the *level 2* part that it is listed under, and a *level 4* part is a component of the *level 3* part preceding it. In each case, the part quantity given for a level 2, 3, or 4 part is *the quantity used per next higher level assembly of which it is a component*. A part that is not indented is a *level 1* part. This means that the quantity given is the quantity used per the portion of the vehicle illustrated on that particular spread.

## HOW TO ORDER PARTS

Replacement parts and accessories can be obtained from our network of authorized dealers and distributors. You can obtain the name and phone number of your closest authorized Club Car dealer or distributor by visiting our web site at [www.clubcar.com](http://www.clubcar.com) and clicking on the "Distributor Search" link or by calling our toll-free Service Parts and Technical Assistance hotline at (800) 872-2246 or (706) 863-3000, extension 3887.



P. O. Box 204658  
Augusta, Georgia 30917-4658 USA  
Telephone 706-863-3000  
Service Parts Fax 706-855-7413  
[www.clubcar.com](http://www.clubcar.com)

**NOTE:** This illustrated parts list represents the most current information at the time of publication. Club Car, Inc. is continually working to further improve its vehicles and other products. These improvements may affect the parts used to service the vehicle. Any modification and/or significant change in specifications will be forwarded to all Club Car and Carryall distributors/dealers and will, when applicable, appear in future editions of this illustrated parts list.

*Club Car, Inc. reserves the right to change specifications and designs at any time without notice and without the obligation of making changes to units previously sold.*

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# BODY AND TRIM

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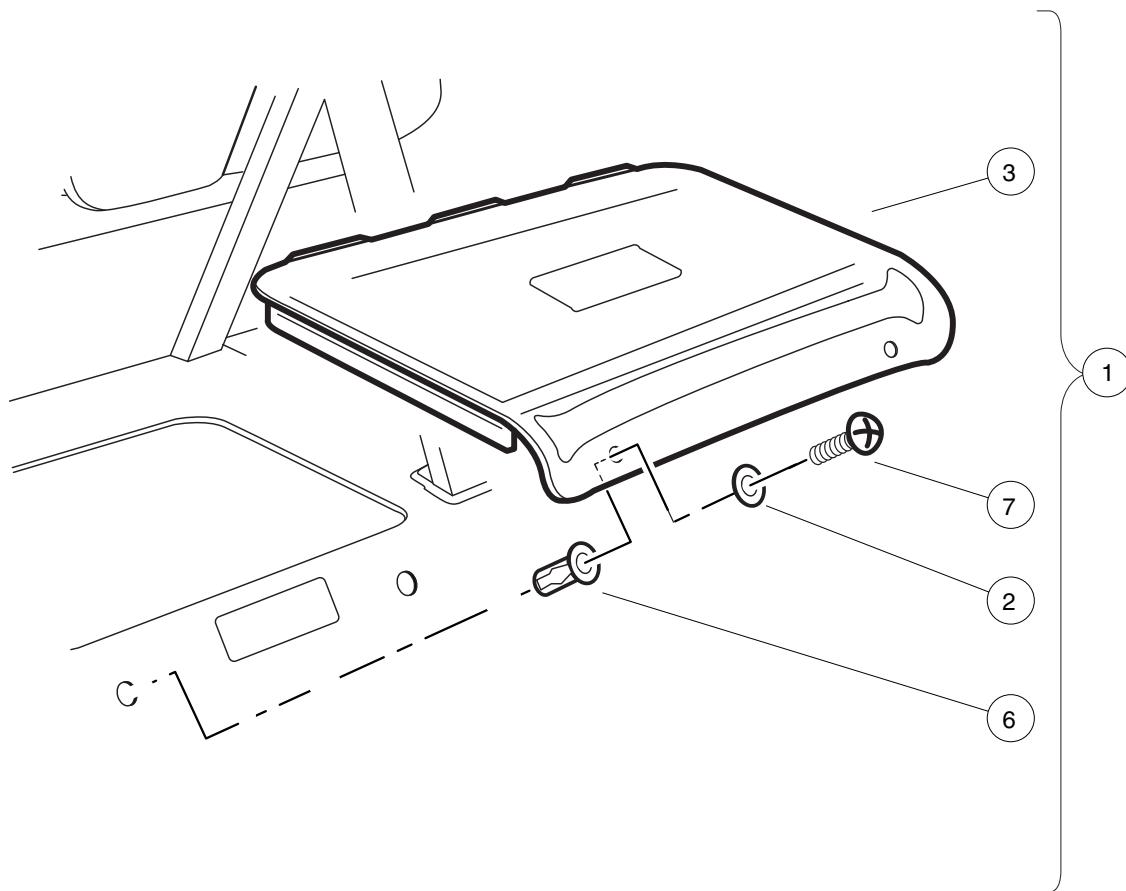
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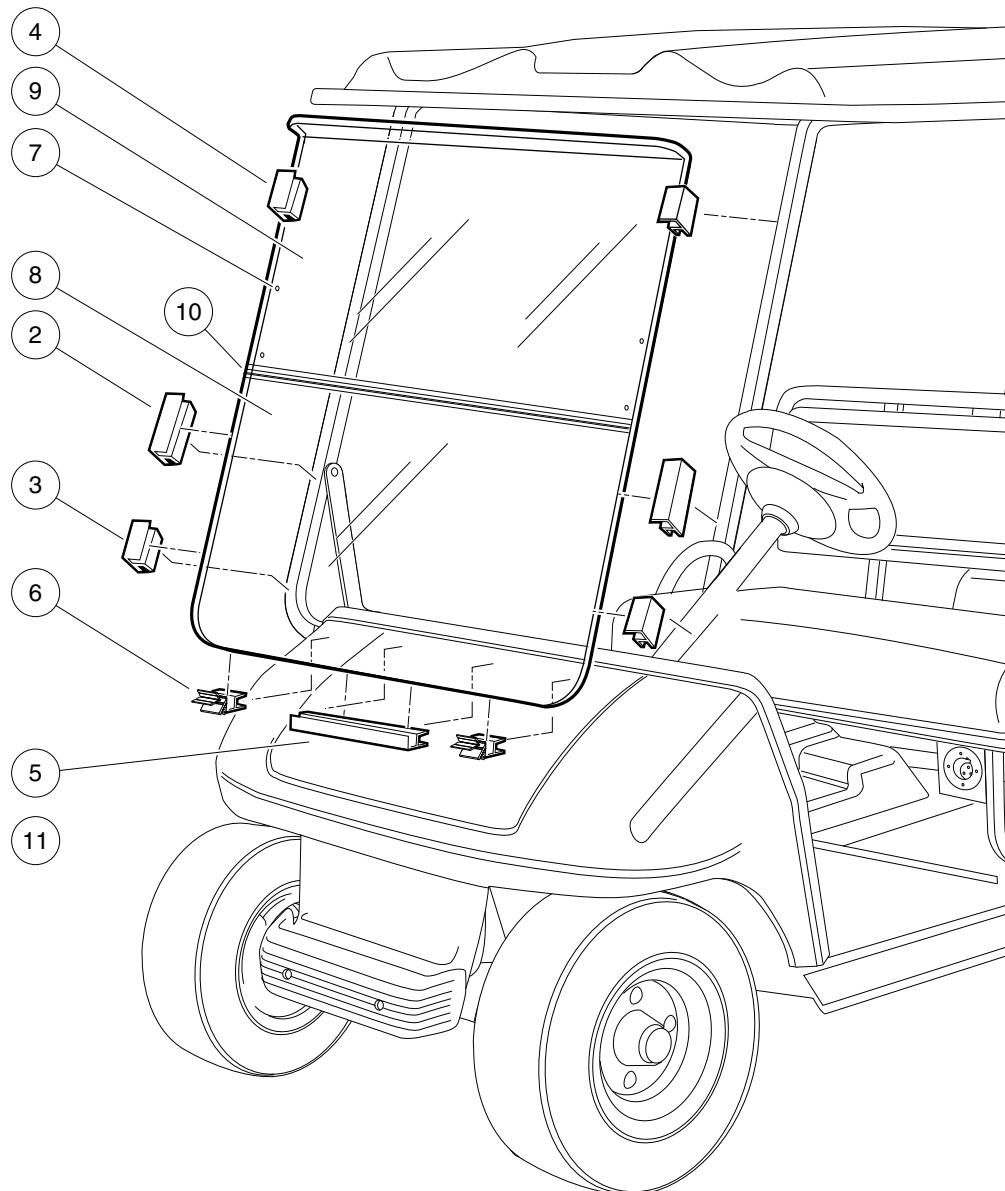
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## REAR ACCESS DOOR

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	1
1	1013218	Kit, Access Door Black (includes items 2 through 7) .....	1
2	1012581	Washer, 0.609-inch OD, Nylon Cup .....	2
3	1013032	Molded Access Door Black .....	1
4	1013216	Plug, Button .....	2
5	N/A	Instruction Sheet Access Door .....	1
6	1015525	Nut, 1/4-20 Blind .....	2
7	8251	Screw, 1/4-20 X 1.0 Truss-Head Machine .....	2

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# WINDSHIELD

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	102962801	Kit, Windshield, Folding, Wide (includes items 2 through 11) .....	1
2	102005701	5" Plastic Extrusion .....	2
3	102005702	Clip, 2 " Long .....	2
4	102005801	Rubber Clip W/glue .....	2
5	102163001	Windshield Channel .....	1
6	102163101	Channel with Receiver Clip .....	2
7	N/A	Clear Bump On .....	4
8	N/A	Windshield, Folding, Lower .....	1
9	N/A	Windshield, Folding, Upper .....	1
10	N/A	Hinge, Windshield .....	1
11	N/A	Instr, Windshield, Limo Rstl .....	1

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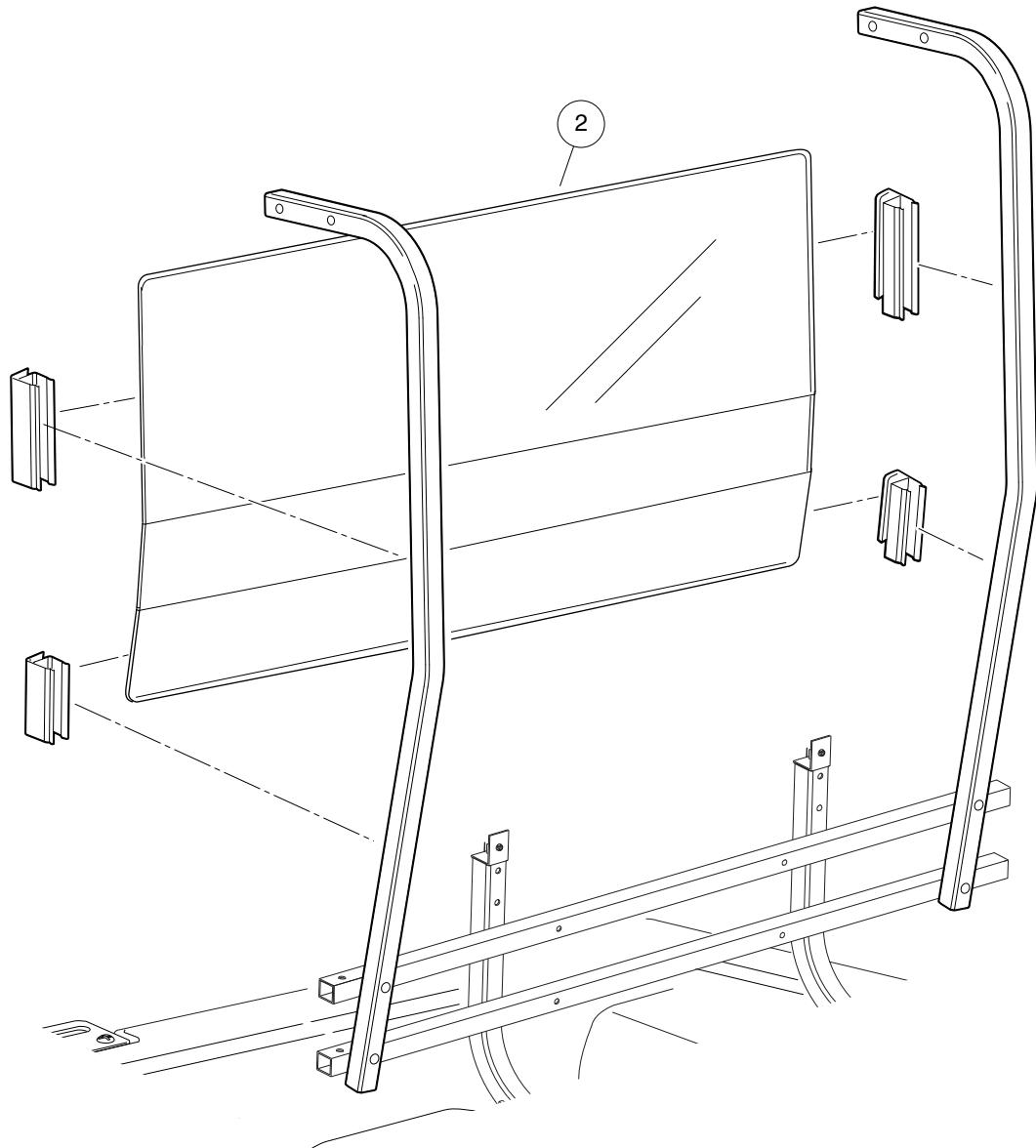
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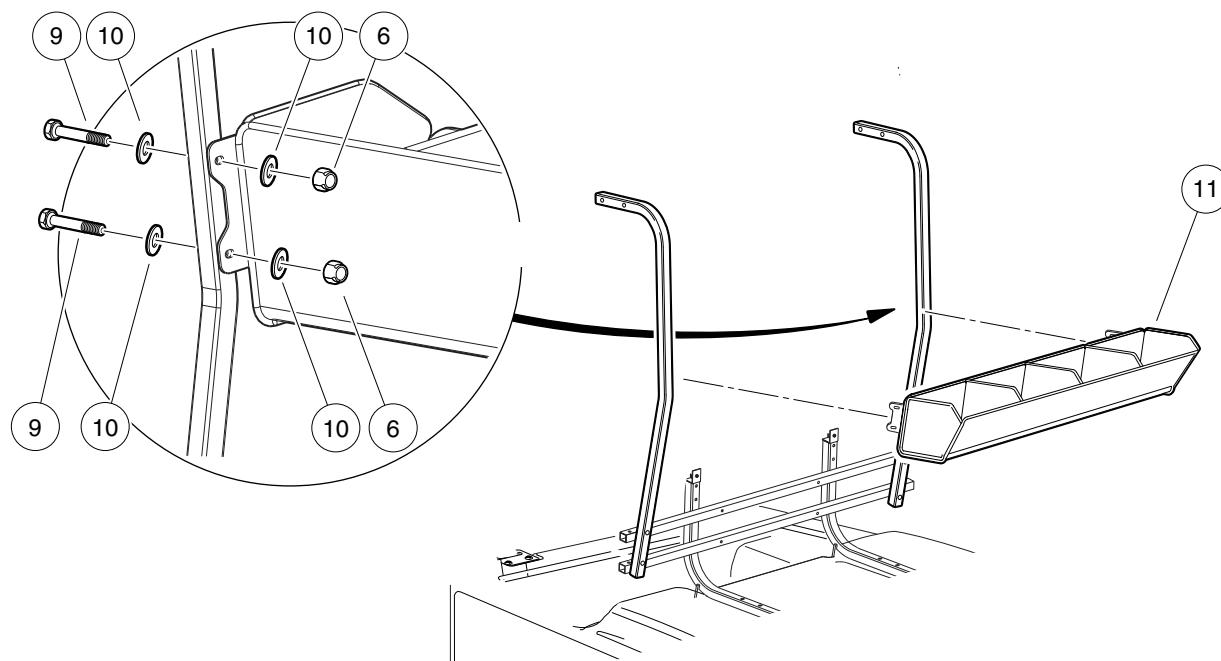
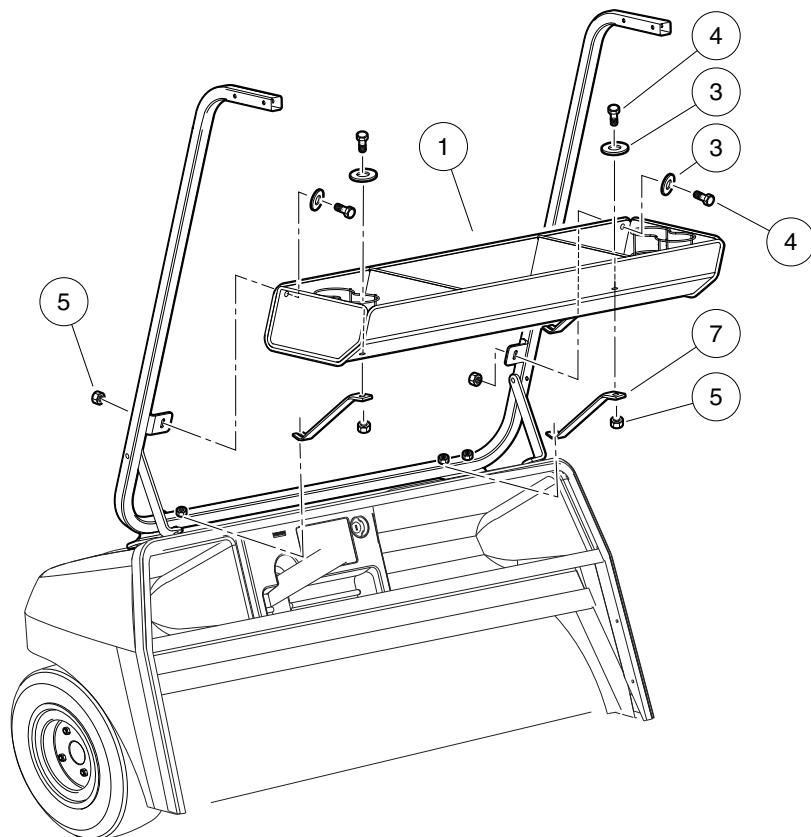
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## REAR WINDSHIELD

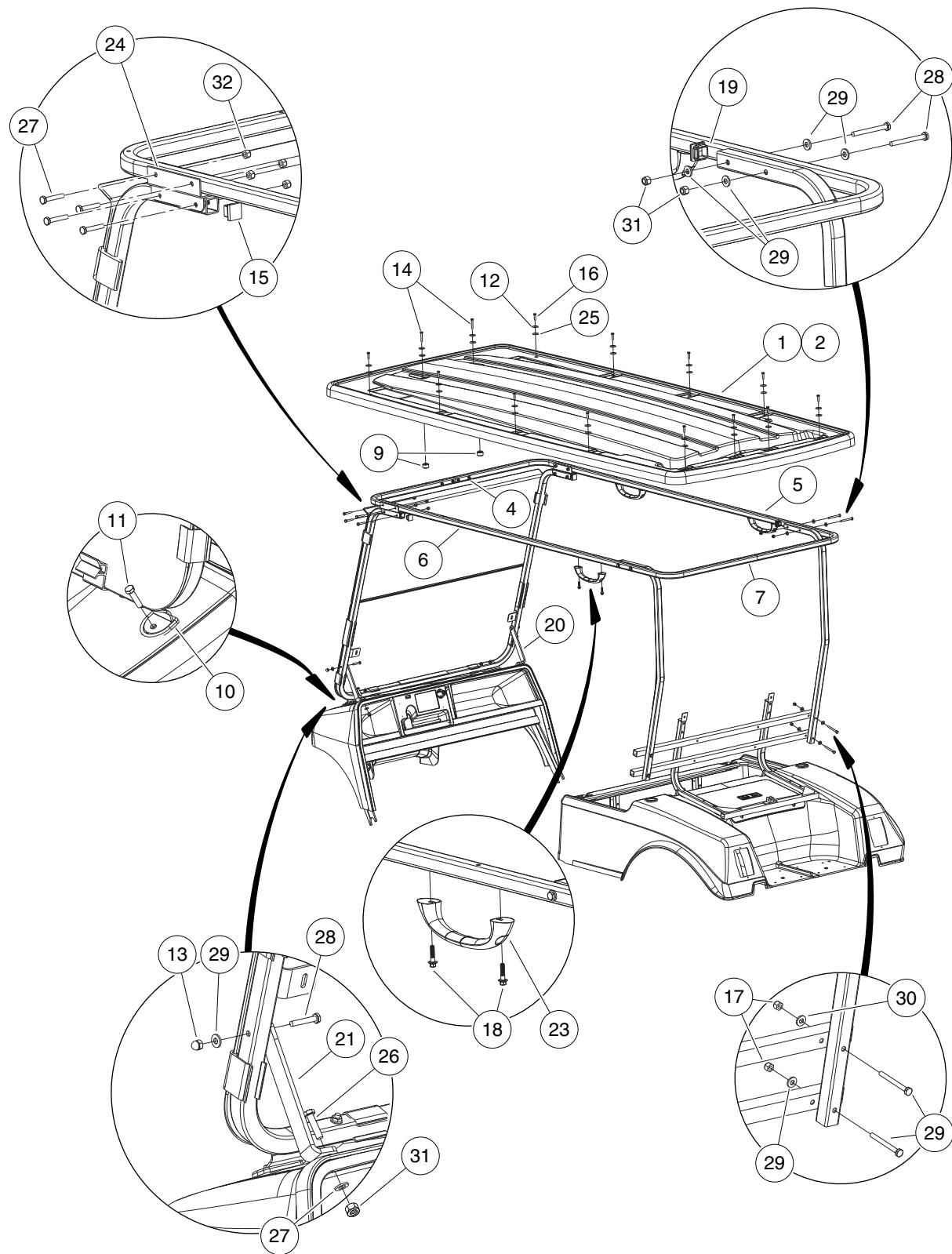
ITEM	PART NO.	DESCRIPTION	QTY
1	103231601	1 2 3 4 Kit, Ws, Rear, Wide (includes items 2 and 3) .....	1
2	N/A	Windshield, Rear, Wide .....	1
3	N/A	Instruction, Kit, Rr Ws, Wide .....	1

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# BASKETS

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	1
1	103194401	Basket, Storage, Front .....	1
2	103357401	Kit, Hrdwr, Basket, Frnt & Rr (includes items 3 through 10) .....	1
3	1014306	Washer, 1/4" Type B Flat .....	4
4	1015521	Screw, 1/4-20 X .88 Hex Hd Cap .....	4
5	1015661	Nut, Lock Hx Flanged 1/4-20 .....	4
6	102242401	Nut - Nylon Insert W/cap .....	4
7	102967801	Bracket, Support, Basket, Frnt .....	2
8	N/A	Instr, Kit, Basket Hardware .....	1
9	1703	Screw, 1/4-20 X 1.50 Hx Hd Cap .....	4
10	332	Washer, 1/4 Type A Narrow Flat .....	8
11	103375201	Basket, Equipment, Rear .....	1

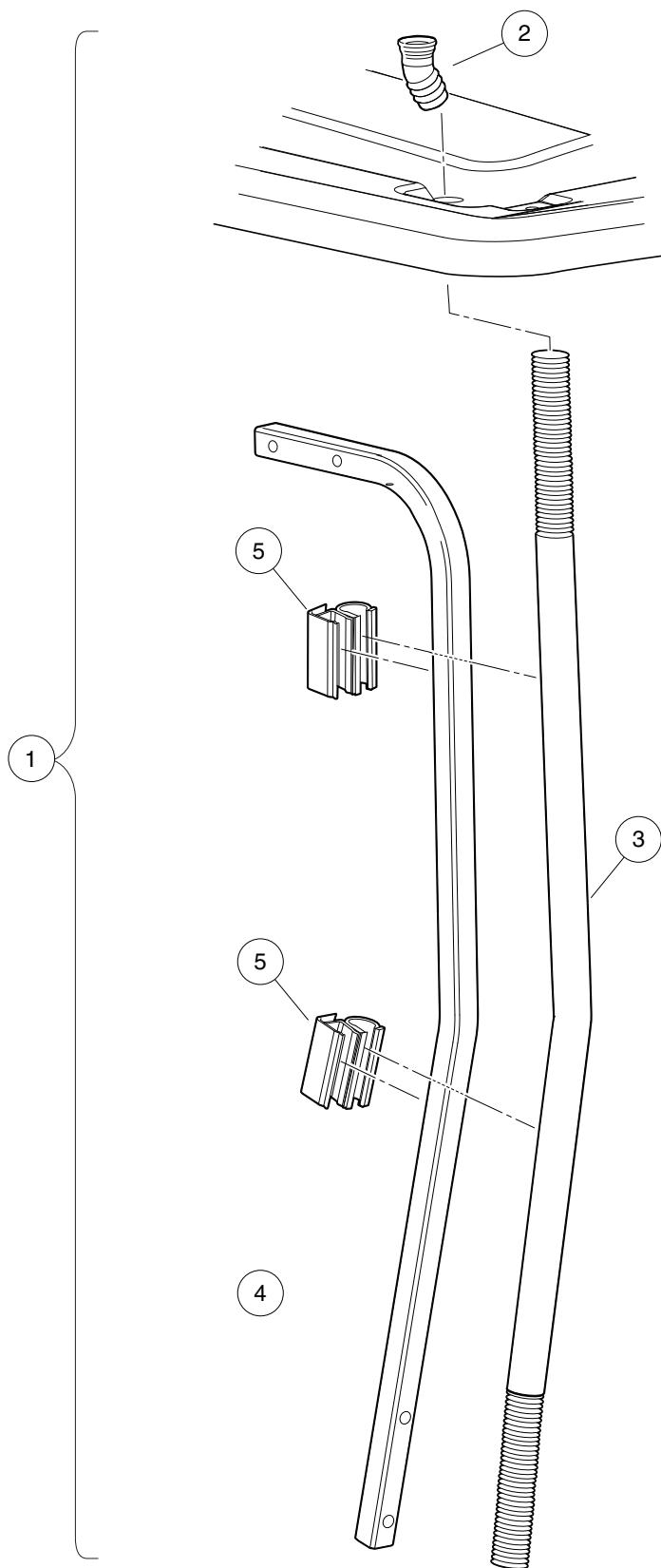
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# CANOPY

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	1
1	102955301	Canopy, Stretch, White .....	1
2	102955302	Canopy, Stretch, Beige .....	1
3	103367701	Assembly, Canopy Frame, Long (includes items 4 through 7) .....	1
4	1012285	Screw, 1/4 X 0.625 Hex-Head .....	8
5	N/A	Frame Half, Canopy, Long, Rh .....	1
6	N/A	Frame Half, Canopy, Long, Lh .....	1
7	N/A	Bar, Splice, Long .....	2
8	103367801	Kit, Hrdw, Canopy (includes items 9 through 32) .....	1
9	1010142	Cushion, Shock Absorber .....	2
10	1011883	Pad, Windshield Frame Mounting .....	2
11	1011937	Bolt, 5/16-18 X 1.25 Hex Head .....	2
12	1014306	Washer, 1/4" Type B Flat .....	14
13	1015091	Nut, 1/4-20 Stainless-Steel Center-Lock Cap .....	2
14	1016916	Screw, 1/4-20 X 1.50 Hex-Head Cap .....	2
15	1017271	Finishing Plug .....	2
16	101954301	Screw, 1/4-20 X 0.75 Hex-Head Cap .....	12
17	102242401	Nut - Nylon Insert W/cap .....	4
18	102541425	Bolt-m6x1.0x25 Hex Flhd, Blk-I .....	6
19	102581201	Plug, Square - 25.4 mm .....	2
20	103224601	Brace, Windshield, Left .....	1
21	103224701	Brace, Windshield, Right .....	1
22	N/A	Instr, Canopy, Limo Rstl .....	1
23	103367101	Hand Hold, Canopy, Plastic .....	3
24	103367401	Bracket, Support, Canopy .....	2
25	103522401	Washer, Rubber, 7.1 Mm Id .....	14
26	1218	Screw, 5/16-18 X 1.25 Hex-Head Cap .....	2
27	1241	Washer, 5/16 Type A Flat .....	2
28	1703	Screw, 1/4-20 X 1.50 Hx Hd Cap .....	10
29	324	Screw, 1/4-20 X 2.50 Hx Hd Cap .....	8
30	332	Washer, 1/4 Type A Narrow Flat .....	12
31	7473	Locknut, 5/16-18 Nylon Insert .....	2
32	8233	Locknut, 1/4-20 Nylon Insert .....	12

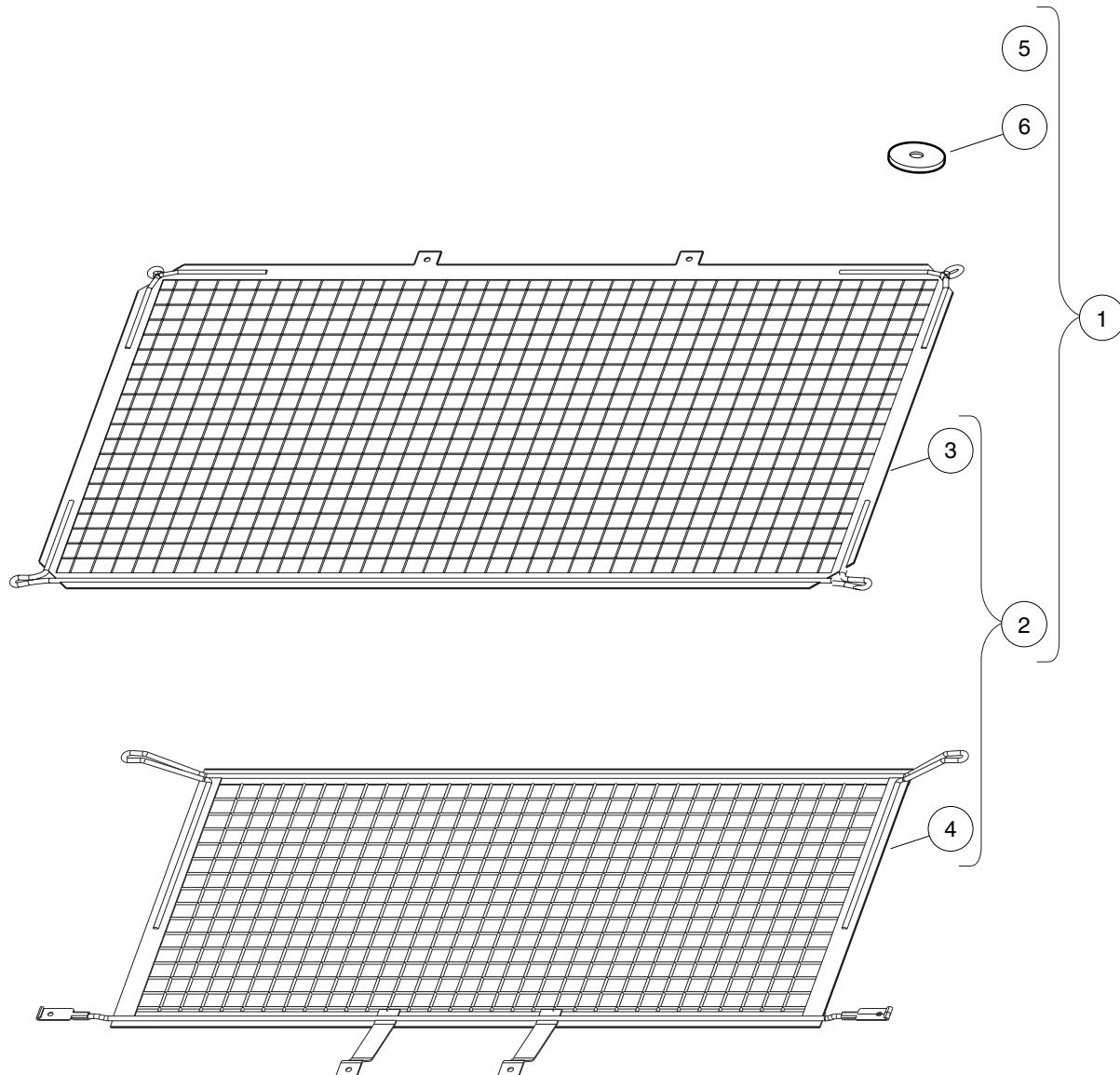
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# CANOPY DRAIN KIT

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	1
1	103213101	Kit, Drain, Canopy (includes items 2 through 5) .....	1
2	103203001	Grommet, Drain, Canopy, Angled .....	2
3	103213001	Tubing, Drain, Canopy .....	2
4	N/A	Instr, Drain, Canopy .....	1
5	103411601	Clip, Rear Windshld/drain Tube .....	4

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# CARGO NETS

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	1
1	103238802	Kit, Cargo Nets, Field (includes items 2 through 6) .....	1
2	103238801	Nets, Cargo, Front & Rear (includes items 3 and 4) .....	1
3	N/A	Net, Cargo, Front .....	1
4	N/A	Net, Cargo, Rear .....	1
5	N/A	Instr, Net, Cargo .....	1
6	103375101	Washer, Rubber,1" Od X .25" Id .....	10

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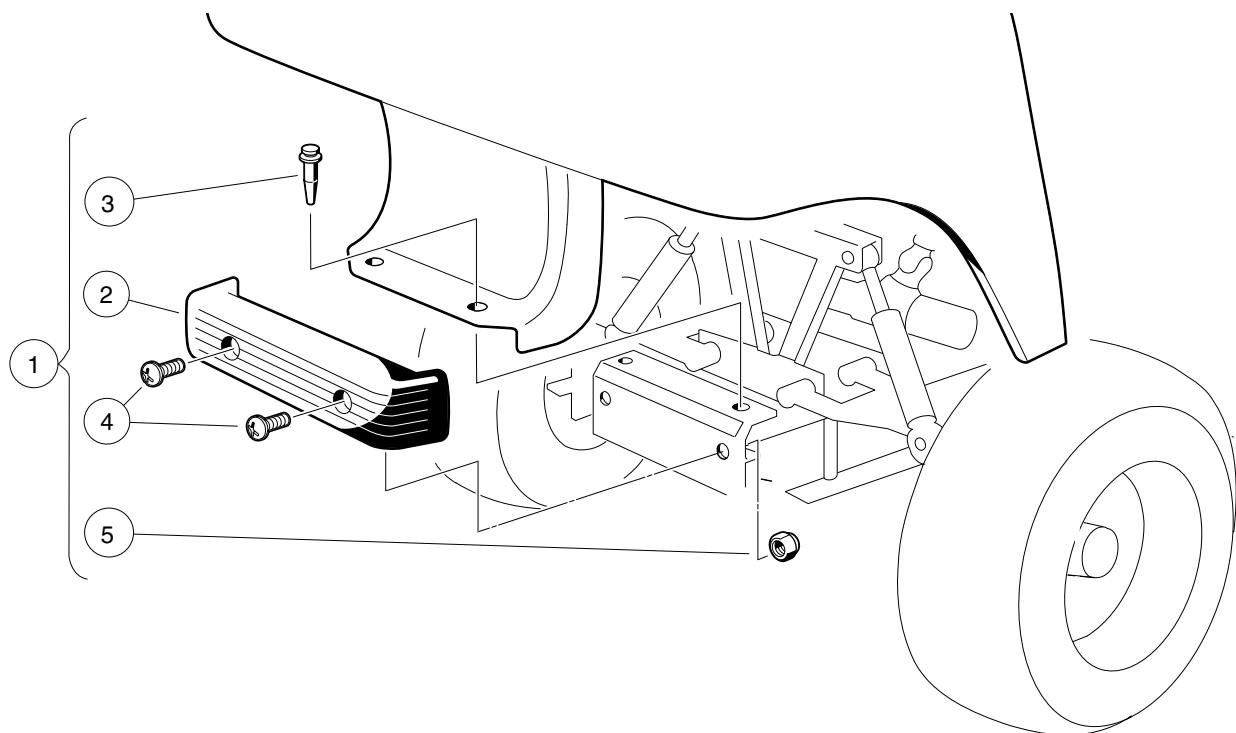
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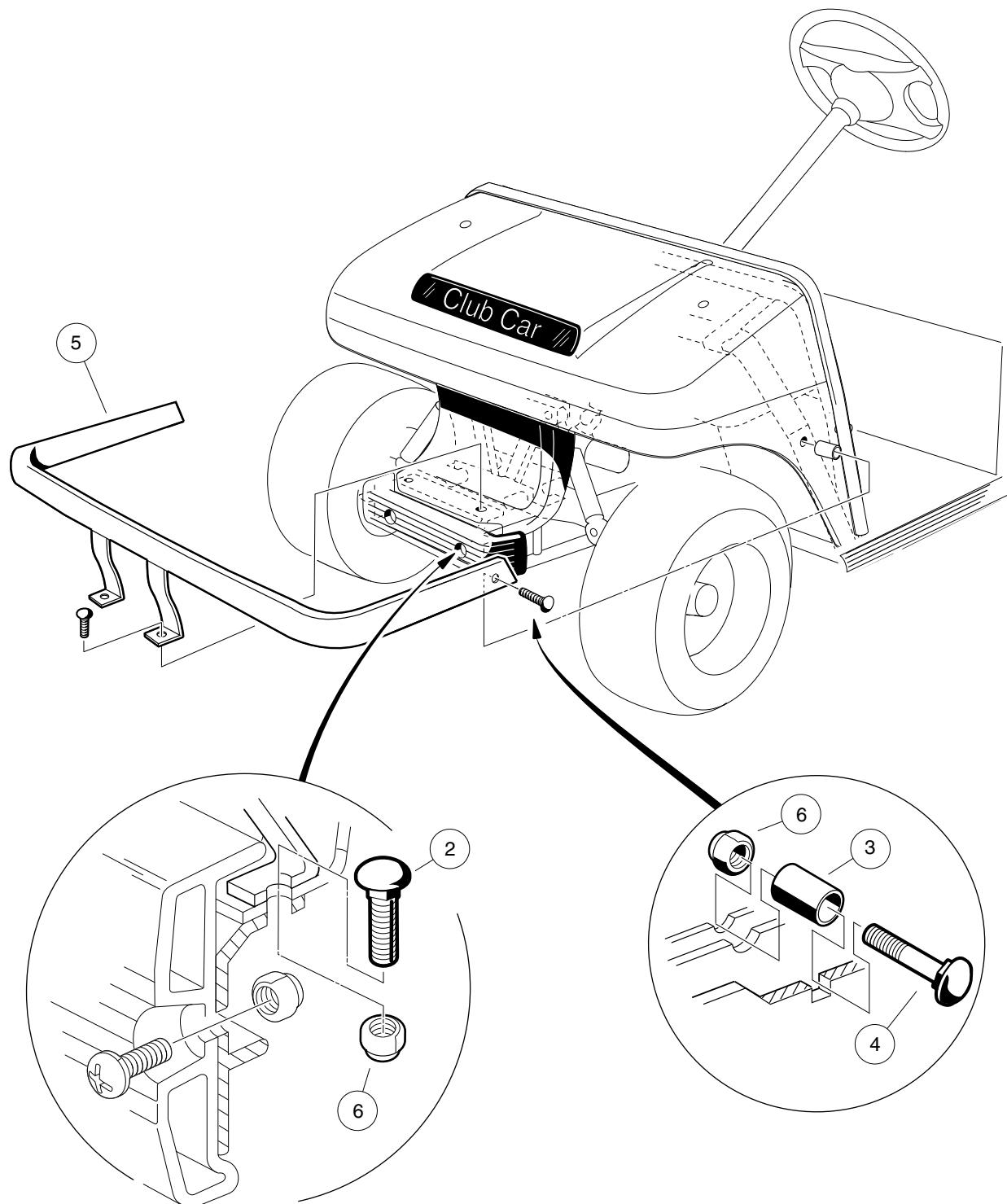
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# FRONT BUMPER

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	1
1	1017080	Kit, Front Bumper (includes items 2 through 5) .....	1
2	1016868	Front Bumper .....	1
3	1016967	Blind Rivet, Push Type .....	2
4	7251	Screw, 5/16-18 x 1.0 Truss-Head .....	2
5	7473	Locknut, 5/16-18 Nylon Insert .....	2

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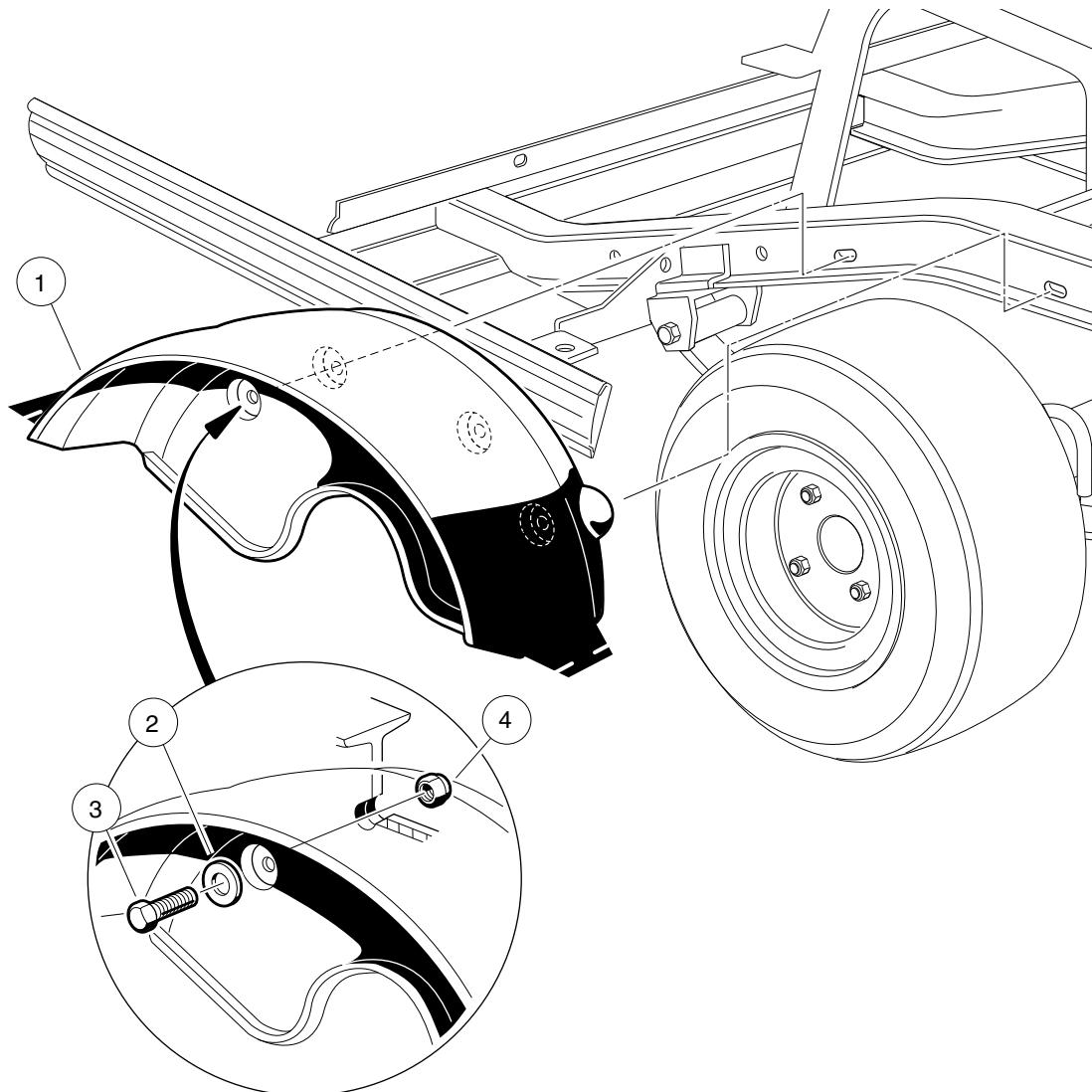
# HEAVY-DUTY FRONT BUMPER KIT

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	101734802	Kit, Heavy-Duty Bumper (includes items 2 through 6) .....	1
2	1010435	Bolt, Carriage, 5/16-18 X 1.00 .....	2
3	1010546	Spacer .....	2
4	1015405	Bolt, Carriage, 5/16-18 X 2.0 .....	2
5	N/A	Weldment, Heavy Duty Bumper .....	1
6	7473	Locknut, 5/16-18 Nylon Insert .....	4

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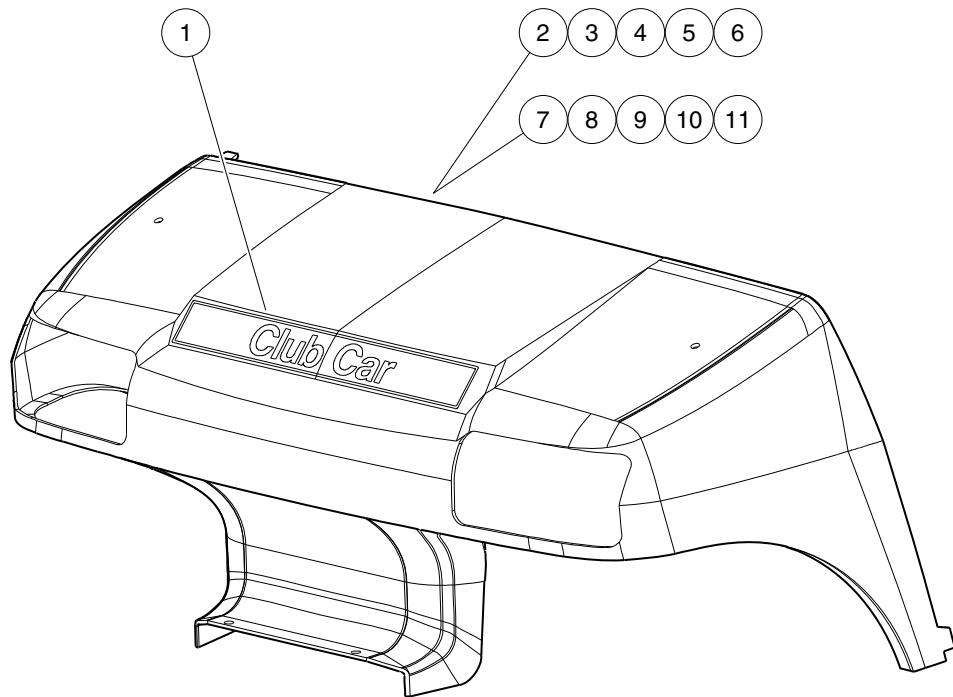
## INNER FENDER

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1017936	Fender, Inner .....	2
2	332	Washer, 1/4 Type A Narrow Flat .....	4
3	7847	Screw, 1/4-20 X 0.75 Hex-Head Cap .....	4
4	8233	Locknut, 1/4-20 Nylon Insert .....	4

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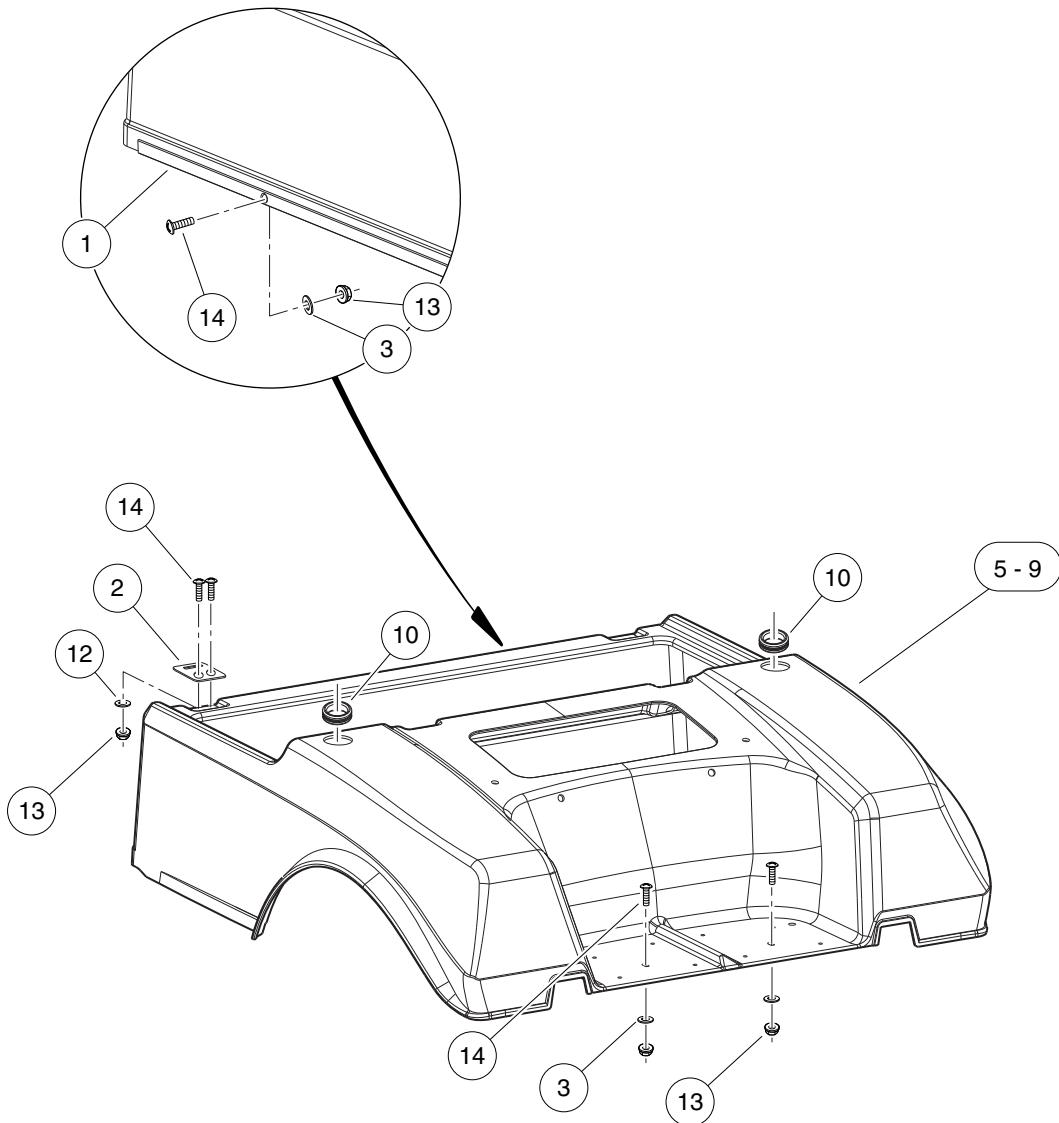
# FRONT BODY

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	101414801	Nameplate, Club Car Amber .....	1
2	101692501	Cowl, TPO, Beige .....	1
3	101692502	Cowl, TPO, White .....	1
4	101692510	Cowl, TPO, Dark Green .....	1
5	101692512	Cowl, TPO, Classic Blue (Navy) .....	1
6	101692513	Cowl, TPO, Burgundy .....	1
7	101693901	Cowl with Headlight Opening, TPO, Beige .....	1
8	101693902	Cowl with Headlight Opening, TPO, White .....	1
9	101693909	Cowl with Headlight Opening, TPO, Dark Green .....	1
10	101693911	Cowl with Headlight Opening, TPO, Classic Blue (Navy) .....	1
11	101693912	Cowl with Headlight Opening, TPO, Burgundy .....	1
12	N/A	Opt, Color, 5 Pass, Elec .....	1
13	N/A	Opt, Color, 5 Pass, Gas .....	1

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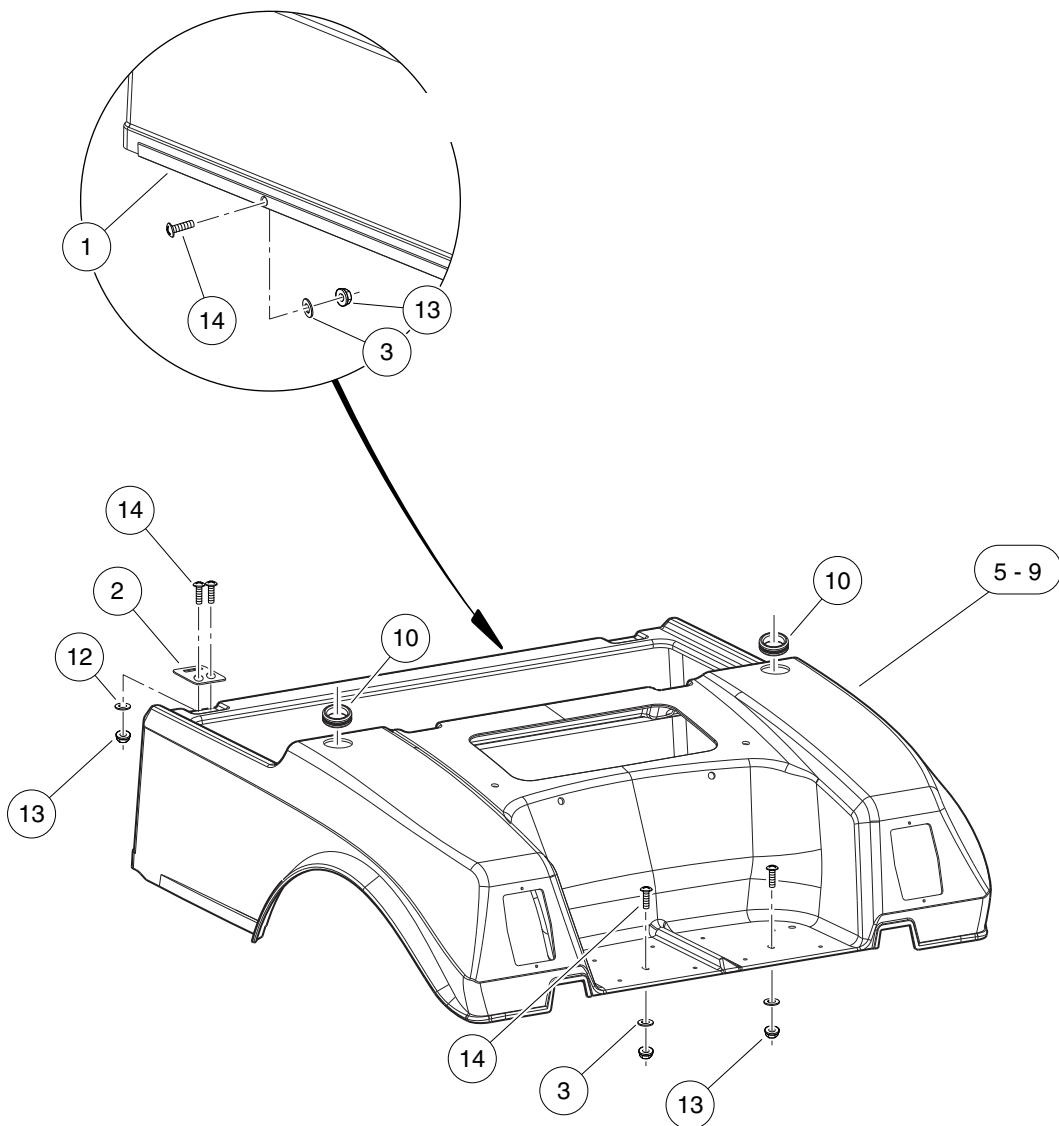
# REAR BODY WITHOUT LIGHTS

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1010993	Body Kick Plate .....	1
2	1012412	Body, Hinge Plate .....	2
3	1014306	Washer, 1/4" Type B Flat .....	4
4	102842401	Decal, IQ Plus .....	1
5	103219601	Body, Trimmed -g/e Beige .....	1
6	103219602	Body, Trimmed -g/e White .....	1
7	103219609	Body, Trimmed -g/e Dk Green .....	1
8	103219611	Body, Trimmed -g/e Classic Blu .....	1
9	103219612	Body, Trimmed -g/e Burgundy .....	1
10	103252301	Grommet, Body, Drain Tube .....	2
11	N/A	Opt, Color, 5 Pass, Elec .....	1
12	332	Washer, 1/4 Type A Narrow Flat .....	4
13	8233	Locknut, 1/4-20 Nylon Insert .....	8
14	8251	Screw, 1/4-20 X 1.0 Truss-Head Machine .....	8

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# REAR BODY WITH LIGHTS

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1010993	Body Kick Plate .....	1
2	1012412	Body, Hinge Plate .....	2
3	1014306	Washer, 1/4" Type B Flat .....	4
4	102842401	Decal, IQ Plus .....	2
5	103219631	Body, Trimmed -beige Lts .....	1
6	103219632	Body, Trimmed -white Lts .....	1
7	103219639	Body, Trimmed -dk Green Lts .....	1
8	103219641	Body, Trimmed -classic Blue Lt .....	1
9	103219642	Body, Trimmed -burgundy Lts .....	1
10	103252301	Grommet, Body, Drain Tube .....	2
11	N/A	Opt, Color, 5 Pass, Elec .....	1
12	332	Washer, 1/4 Type A Narrow Flat .....	4
13	8233	Locknut, 1/4-20 Nylon Insert .....	8
14	8251	Screw, 1/4-20 X 1.0 Truss-Head Machine .....	8

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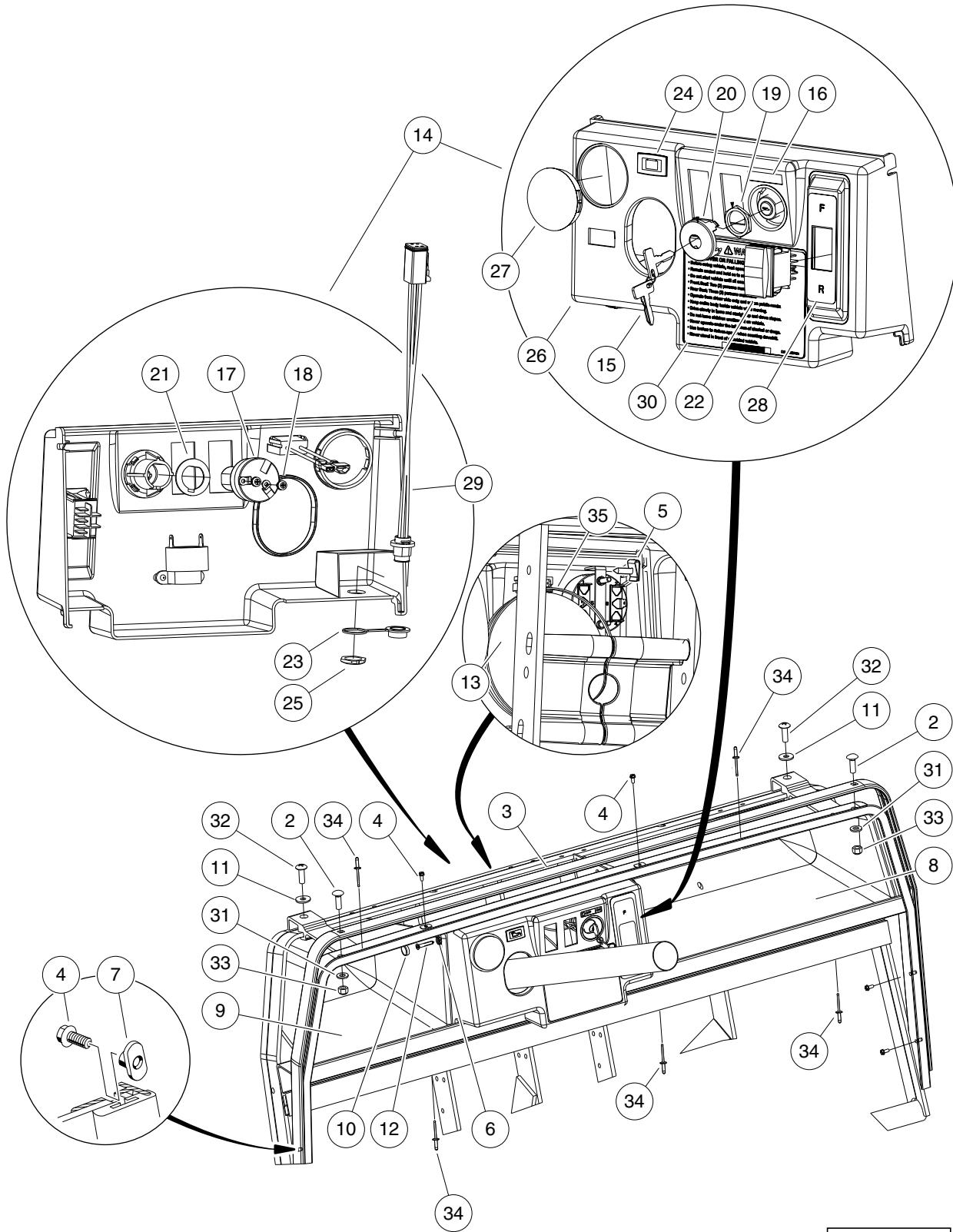
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# DASH – ELECTRIC VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	1
1	N/A	Instl, Dash, Limo, Ele, Mb (includes items 2 through 35) .....	1
2	1010435	Bolt, Carriage, 5/16-18 X 1.00 .....	2
3	1011014	Trim, Cowl .....	1
4	1011017	Screw, #8-32 X 0.375 .....	6
5	1011019	Nut, Speed .....	2
6	1011382	Washer, #10 Pan-Head Screw .....	2
7	1011394	T-Nut Package (Set of 4) .....	1
8	1013343	Dash Component, Passenger-Side, Black .....	1
9	1013344	Dash Component, Driver-Side .....	1
10	1013494	Cover, Screw Head .....	2
11	1015075	Washer, 5/16 Flat Type A .....	2
12	1015528	Screw, #10 x 1-1/4 Phillips Head .....	2
13	102278001	Boot, Steering Column Round .....	1
14	N/A	Asm, Dash, Ele, Limo, Mb (includes items 15 through 30) .....	1
15	1012505	Keys (set of 2) .....	1
16	101825101	Decal, Off/On .....	1
17	101826201	Key Switch, On/Off .....	1
18	101830601	Screw and Washer Assembly .....	2
19	101830701	Nut, Key Switch .....	1
20	101834502	Cap, Black Key Switch .....	1
21	101851101	Washer, Key Switch .....	1
22	101856002	Switch, Rocker, Single-Pole .....	1
23	102196901	Dust Cap .....	1
24	102508701	Light, Battery .....	1
25	102572401	Nut, Diagnostic Port, Prec .....	1
26	102977002	Panel, Dash, Center, Gas (Instrument Panel) .....	1
27	103198301	Plug, Hole, Round, 2.0 In .....	1
28	103210301	Decal, Forward/Reverse, Electric .....	1
29	103218601	Harness, Diagnostic Port .....	1
30	N/A	Decal, Warning, Dash .....	1
31	1241	Washer, 5/16 Type A Flat .....	2
32	7251	Screw, 5/16-18 x 1.0 Truss-Head .....	2
33	7473	Locknut, 5/16-18 Nylon Insert .....	2
34	7973	Rivet, 3/16 X .400 Blind .....	5
35	8639	Tie Wrap, 11" Nylon .....	1

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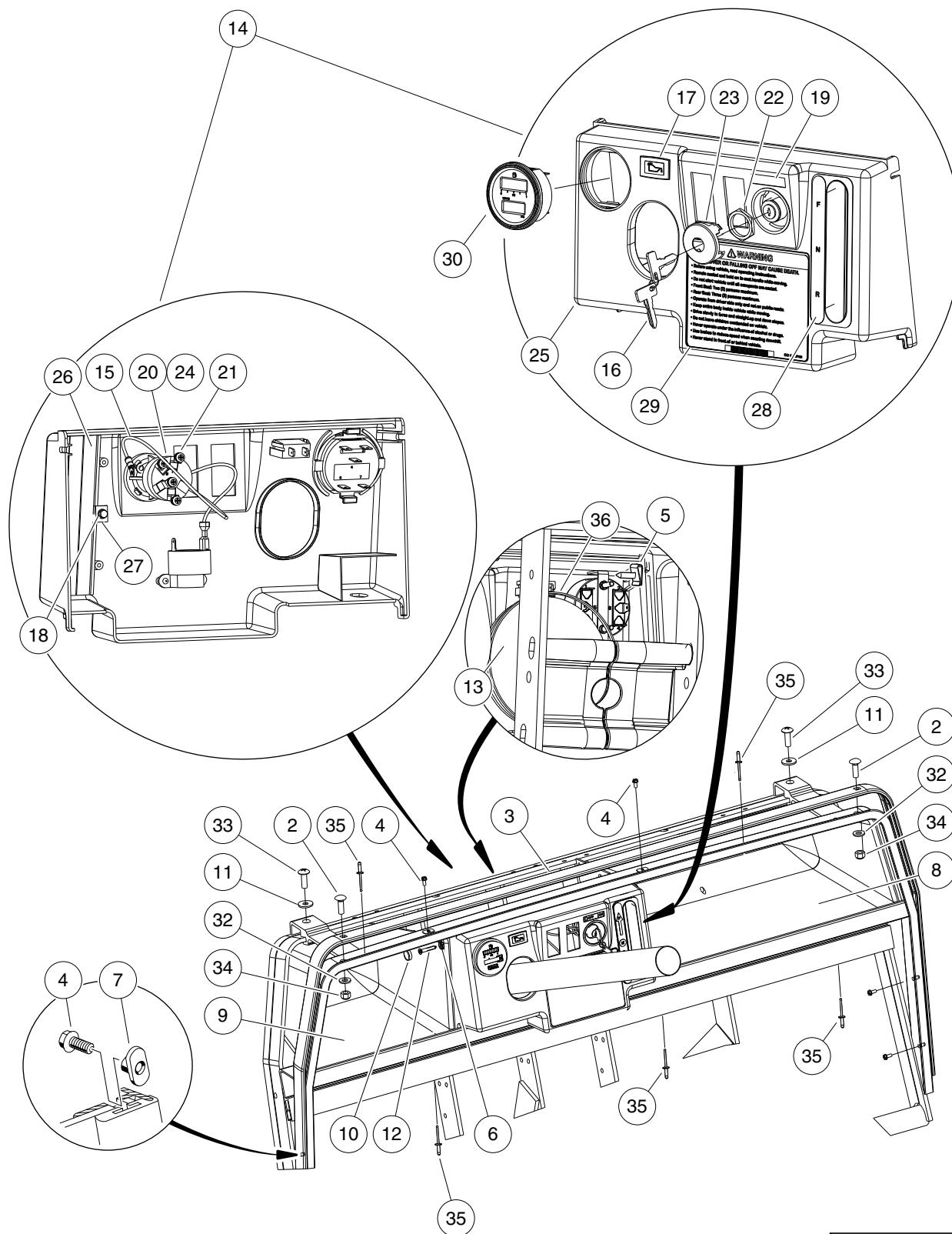
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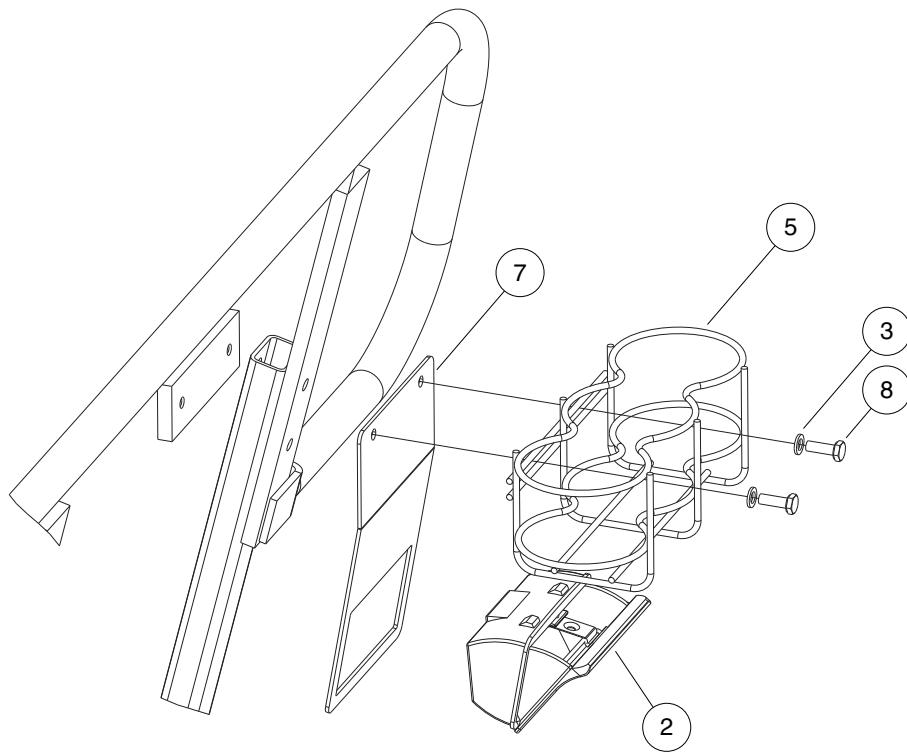
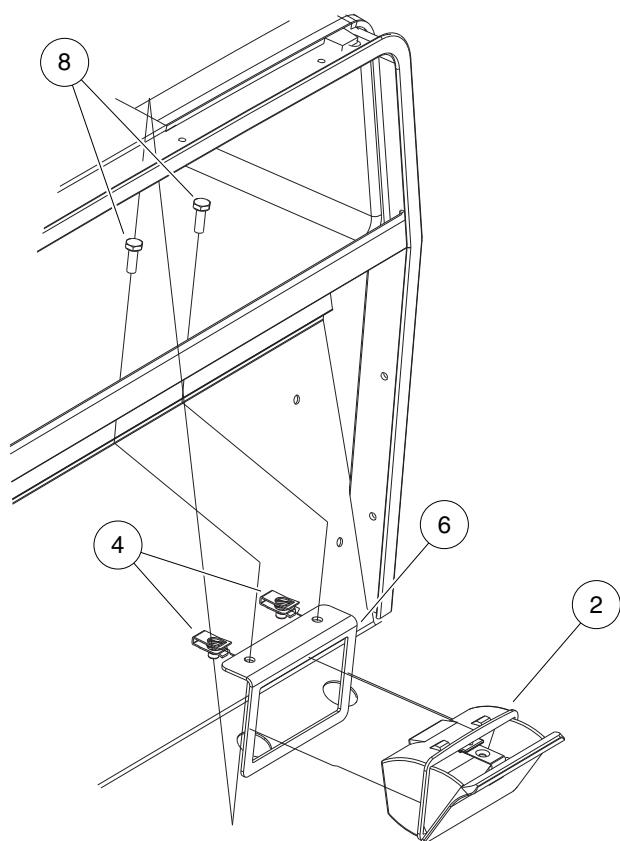


000741-002

# DASH – GASOLINE VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	N/A	Instl, Dash, Limo, Gas, Mb (includes items 2 through 36) .....	1
2	1010435	Bolt, Carriage, 5/16-18 X 1.00 .....	2
3	1011014	Trim, Cowl .....	1
4	1011017	Screw, #8-32 X 0.375 .....	6
5	1011019	Nut, Speed .....	2
6	1011382	Washer, #10 Pan-Head Screw .....	2
7	1011394	T-Nut Package (Set of 4) .....	1
8	1013343	Dash Component, Passenger-Side, Black .....	1
9	1013344	Dash Component, Driver-Side .....	1
10	1013494	Cover, Screw Head .....	2
11	1015075	Washer, 5/16 Flat Type A .....	2
12	1015528	Screw, #10 x 1-1/4 Phillips Head .....	2
13	102278001	Boot, Steering Column Round .....	1
14	N/A	Asm, Dash, Gas, Limo, Mb (includes items 15 through 30) .....	1
15	1012396	Wire Assy #18 Black .....	1
16	1012505	Keys (set of 2) .....	1
17	1016630	Light, Oil .....	1
18	101804301	Screw, #8 X 0.500, Hex-Head Hi-Lo .....	2
19	101825101	Decal, Off/On .....	1
20	101826301	Key Switch, 12-Volt, Off/On .....	1
21	101830601	Screw and Washer Assembly .....	4
22	101830701	Nut, Key Switch .....	1
23	101834502	Cap, Black Key Switch .....	1
24	101851101	Washer, Key Switch .....	1
25	102977001	Panel, Dash, Center, Gas (Instrument Panel) .....	1
26	103199001	Brush, Closeout, FNR .....	2
27	103199101	Washer, Retaining, Brush, FNR .....	2
28	103210201	Decal, Forward/Reverse, Gas .....	1
29	N/A	Decal, Warning, Dash .....	1
30	103348601	Gauge, Fuel-hour,sep Gnd,utl (includes item 31) .....	1
31	103348201	Clip, Meter, Round .....	1
32	1241	Washer, 5/16 Type A Flat .....	2
33	7251	Screw, 5/16-18 x 1.0 Truss-Head .....	2
34	7473	Locknut, 5/16-18 Nylon Insert .....	2
35	7973	Rivet, 3/16 X .400 Blind .....	5
36	8639	Tie Wrap, 11" Nylon .....	1

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000740-001

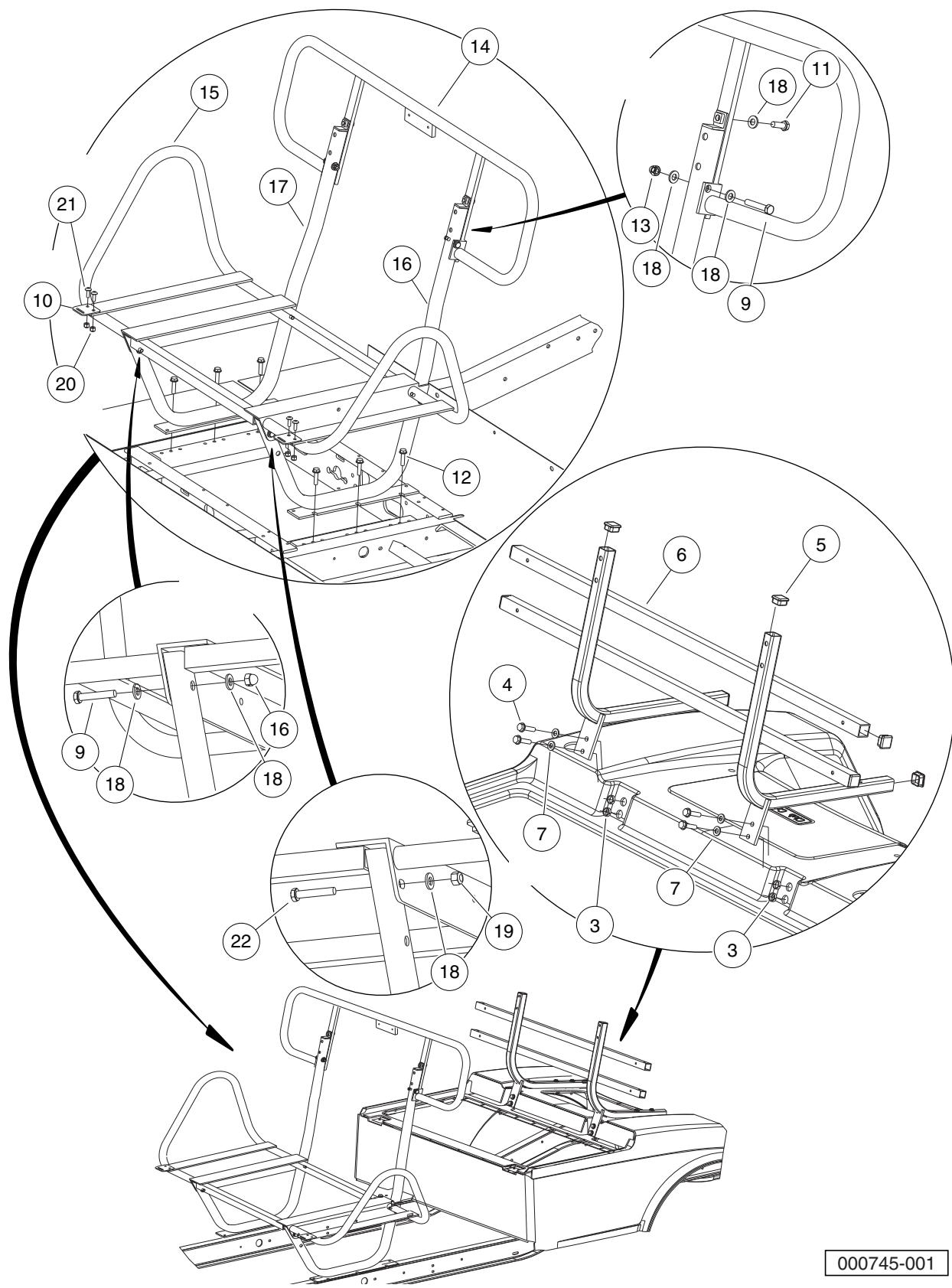
# CUP HOLDER AND ASHTRAYS

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	N/A	Inst, Cupholder Ashtray, Limo (includes items 2 through 8) .....	1
2	N/A	Ashtray Assy .....	2
3	1014007	Washer, 1/4 Flat .....	2
4	1016952	U-Nut, 1/4-20 .....	2
5	102961801	Cupholder, Wireform .....	1
6	102977801	Bracket, Ashtray, Front .....	1
7	103204901	Bracket, Ashtray, Rear .....	1
8	7847	Screw, 1/4-20 X 0.75 Hex-Head Cap .....	4

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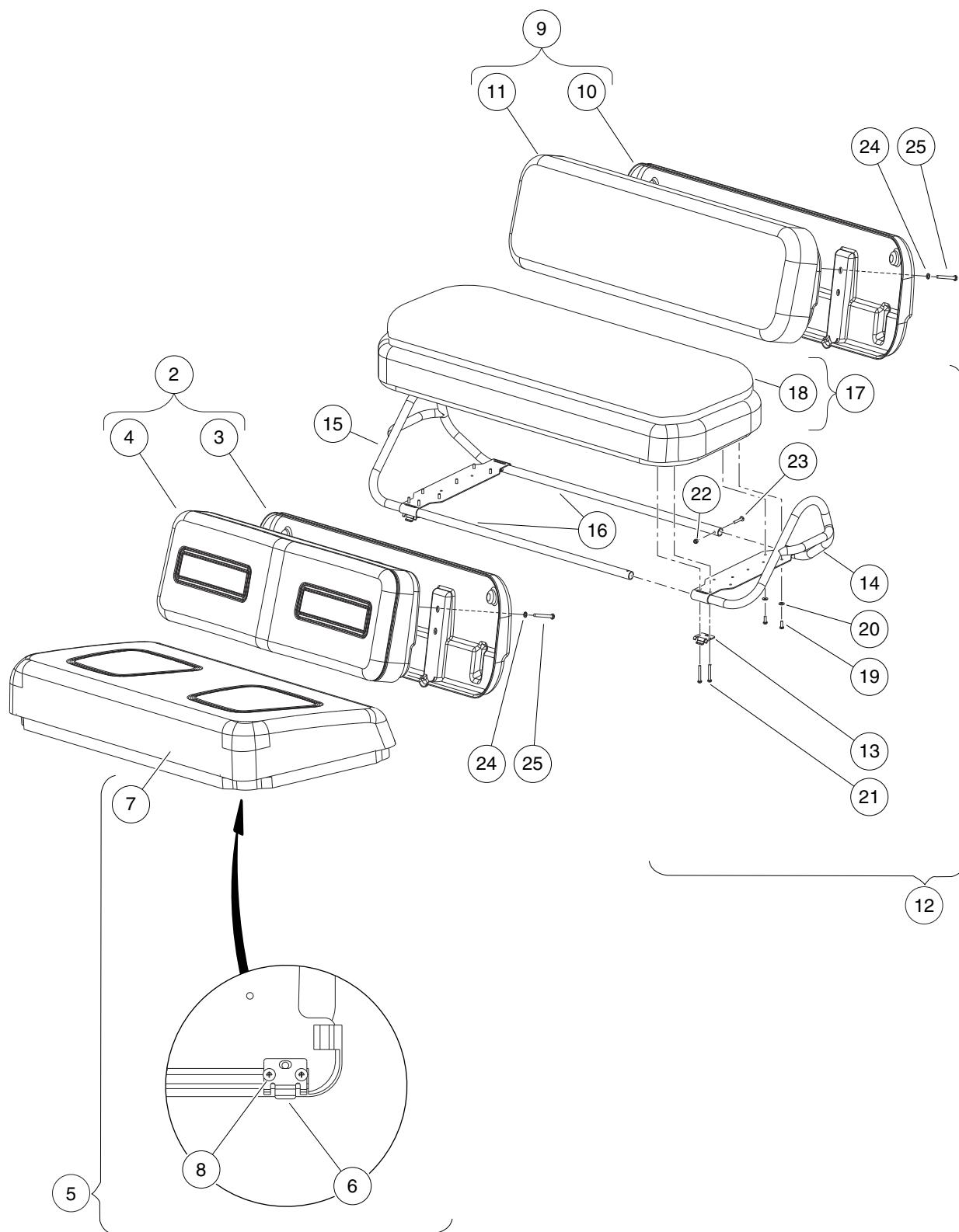
# SEAT SUPPORT

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	1
1	N/A	Instl, Seat Structure (includes items 2 through 8) .....	1
2	N/A	Instl, Rear Seat Frame (includes items 3 through 7) .....	1
3	1017774	Body Spacer .....	4
4	101910401	Screw, 5/16-18 X 1.25 Thrd Frm .....	4
5	102581201	Plug, Square - 25.4 mm .....	8
6	103312101	Weldment, Seatframe, Rear .....	1
7	1241	Washer, 5/16 Type A Flat .....	4
8	N/A	Instl, Front Seat Support (includes items 9 through 22) .....	1
9	1010577	Bolt, Hex-Head, 5/16-18 X 1.50 .....	5
10	1012412	Body, Hinge Plate .....	2
11	101834701	Screw, 5/16-18 X .875 Hex Cap .....	2
12	101910401	Screw, 5/16-18 X 1.25 Thrd Frm .....	6
13	103245301	Nut, Hex, Cp, Mech Def, 5/16-1 .....	5
14	103345101	Weldment, Seat Back, Front .....	1
15	103345201	Weldment, Seat Bottom, Front .....	1
16	103345301	Wldmnt, Seat Leg, Driver, Frt .....	1
17	103345401	Wldmnt, Seat Leg, Pssnger, Frt .....	1
18	1241	Washer, 5/16 Type A Flat .....	13
19	7473	Locknut, 5/16-18 Nylon Insert .....	1
20	8233	Locknut, 1/4-20 Nylon Insert .....	4
21	8248	Screw, 1/4-20 X 0.75 Truss-Head Machine .....	4
22	8963	Screw, 5/16-18 X 1.75 Hex-Head Cap .....	1

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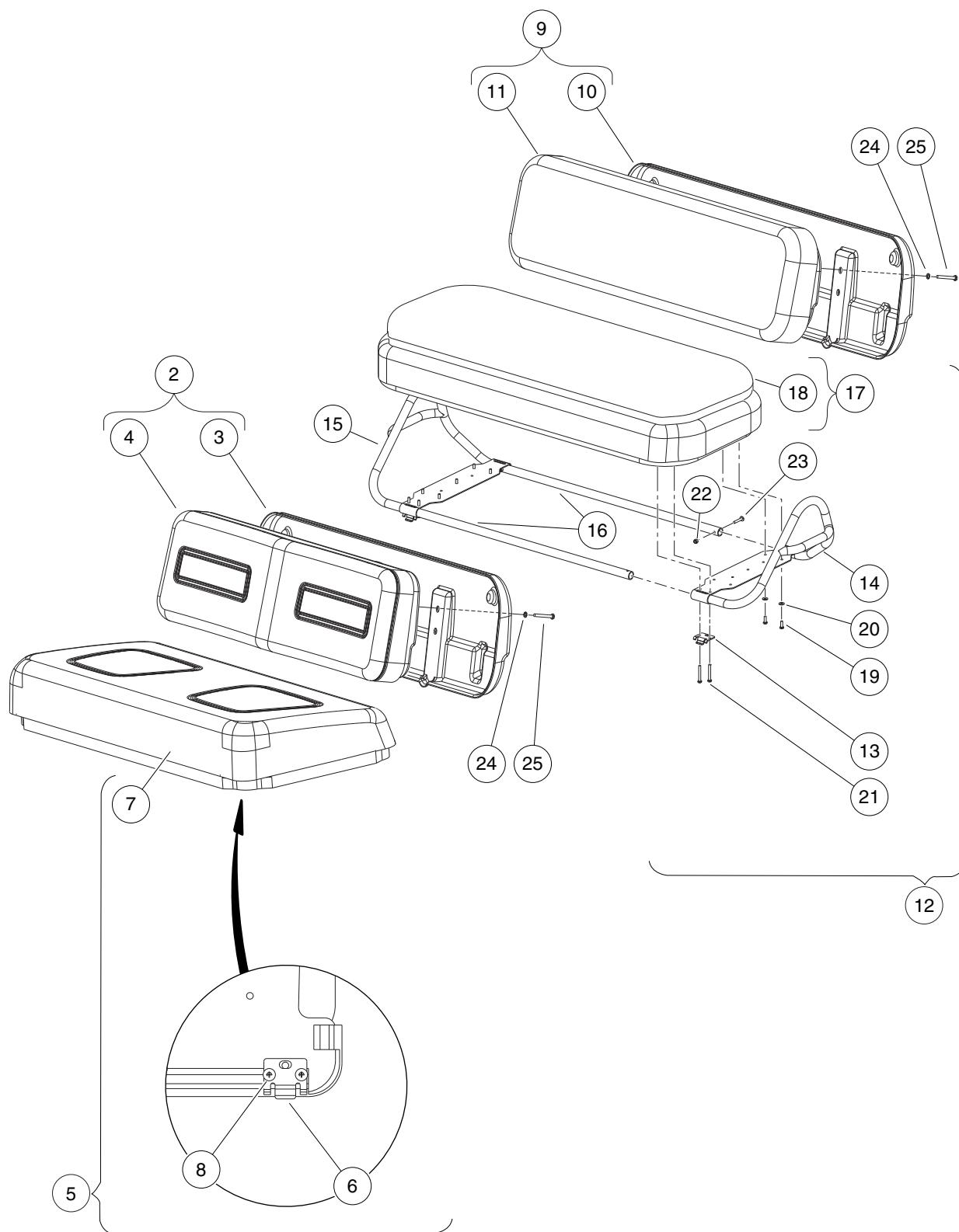
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000746-001

# SEATS, BUFF

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	N/A	Color Opt, Seat, Buff (includes items 2 through 25) .....	1
2	101677703	Seat Back Assembly, Beige (includes items 3 and 4) .....	1
3	1016751	Cap, Seat Back .....	1
4	101675511	Vinyl Seat Back, Beige .....	1
5	103212201	Asm, Seat Btm, Front, Buff (includes items 6 through 8) .....	1
6	1011652	Hinge Plate .....	2
7	101998211	Vinyl Cover Seat Btm - Buffsvc .....	1
8	8251	Screw, 1/4-20 X 1.0 Truss-Head Machine .....	4
9	103224901	Seat Back Asm, 3pass-beige (includes items 10 and 11) .....	1
10	103225701	Cap, Seat Back-3pass .....	1
11	103313801	Asm, Seat Back, 3 Pass, Be .....	1
12	103225001	Seat Btm Asm-3pass, Beige (includes items 13 through 23) .....	1
13	1011652	Hinge Plate .....	2
14	N/A	Weldment, Hip, Rear,3pass,drv .....	1
15	103282402	Weldment, Hip, Rear,3pass,pas .....	1
16	103305401	Tube, Straight, Cut, 1 Od .....	2
17	103313701	Asm, Seat Bot, 3 Pass, Be (includes item 18) .....	1
18	N/A	Cover, Seat Bot, 3pass, Be .....	1
19	304	Screw, 1/4-20 X 1.0 Hex-Head Cap .....	10
20	332	Washer, 1/4 Type A Narrow Flat .....	10
21	7311	Screw, 1/4-20 X 2.00 Hex-Head Cap .....	4
22	8233	Locknut, 1/4-20 Nylon Insert .....	2
23	8418	Screw, 1/4-20 X 1.50 Phillips Truss-Head .....	2
24	332	Washer, 1/4 Type A Narrow Flat .....	8
25	7311	Screw, 1/4-20 X 2.00 Hex-Head Cap .....	8

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000746-001

# SEATS, WHITE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	1
1	N/A	Color Opt, Seat, Wht (includes items 2 through 25) .....	1
2	101677701	Seat Back Assembly, White (includes items 3 and 4) .....	1
3	1016751	Cap, Seat Back .....	1
4	101675512	Vinyl Seat Back, White .....	1
5	103212202	Asm, Seat Btm, Front, White (includes items 6 through 8) .....	1
6	1011652	Hinge Plate .....	2
7	101998212	Vinyl Cover, Seat Bottom, White .....	1
8	8251	Screw, 1/4-20 X 1.0 Truss-Head Machine .....	4
9	103224902	Seat Back Asm, 3pass-white (includes items 10 and 11) .....	1
10	103225701	Cap, Seat Back-3pass .....	1
11	103313802	Asm, Seat Back, 3 Pass, Wh .....	1
12	103225002	Seat Btm Asm-3pass, Wht (includes items 13 through 23) .....	1
13	1011652	Hinge Plate .....	2
14	N/A	Weldment, Hip, Rear,3pass,drv .....	1
15	103282402	Weldment, Hip, Rear,3pass,pas .....	1
16	103305401	Tube, Straight, Cut, 1 Od .....	2
17	103313702	Asm, Seat Bot, 3 Pass, Wh (includes item 18) .....	1
18	N/A	Cover, Seat Bot, 3 Pass, Wh .....	1
19	304	Screw, 1/4-20 X 1.0 Hex-Head Cap .....	10
20	332	Washer, 1/4 Type A Narrow Flat .....	10
21	7311	Screw, 1/4-20 X 2.00 Hex-Head Cap .....	4
22	8233	Locknut, 1/4-20 Nylon Insert .....	2
23	8418	Screw, 1/4-20 X 1.50 Phillips Truss-Head .....	2
24	332	Washer, 1/4 Type A Narrow Flat .....	8
25	7311	Screw, 1/4-20 X 2.00 Hex-Head Cap .....	8

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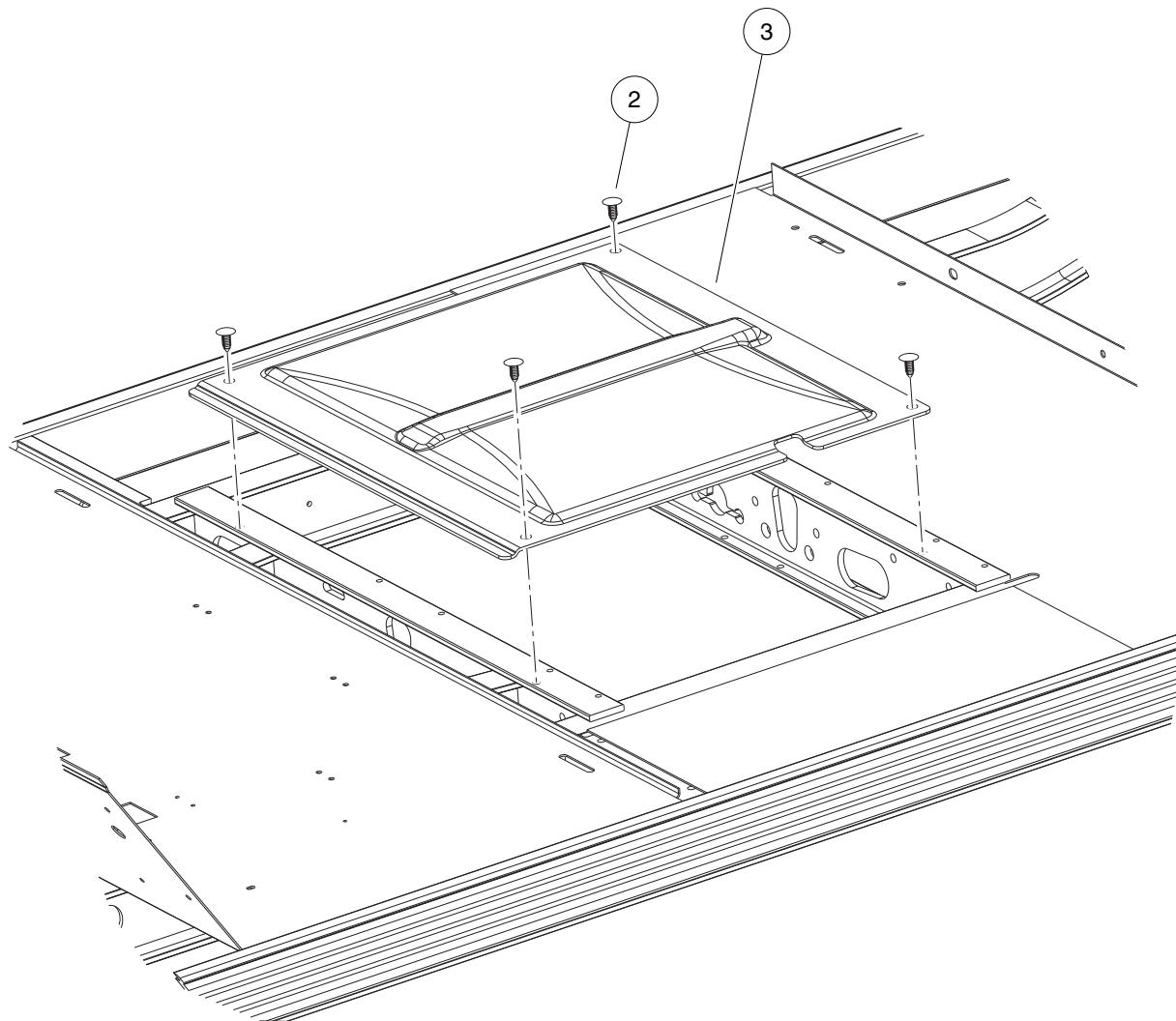
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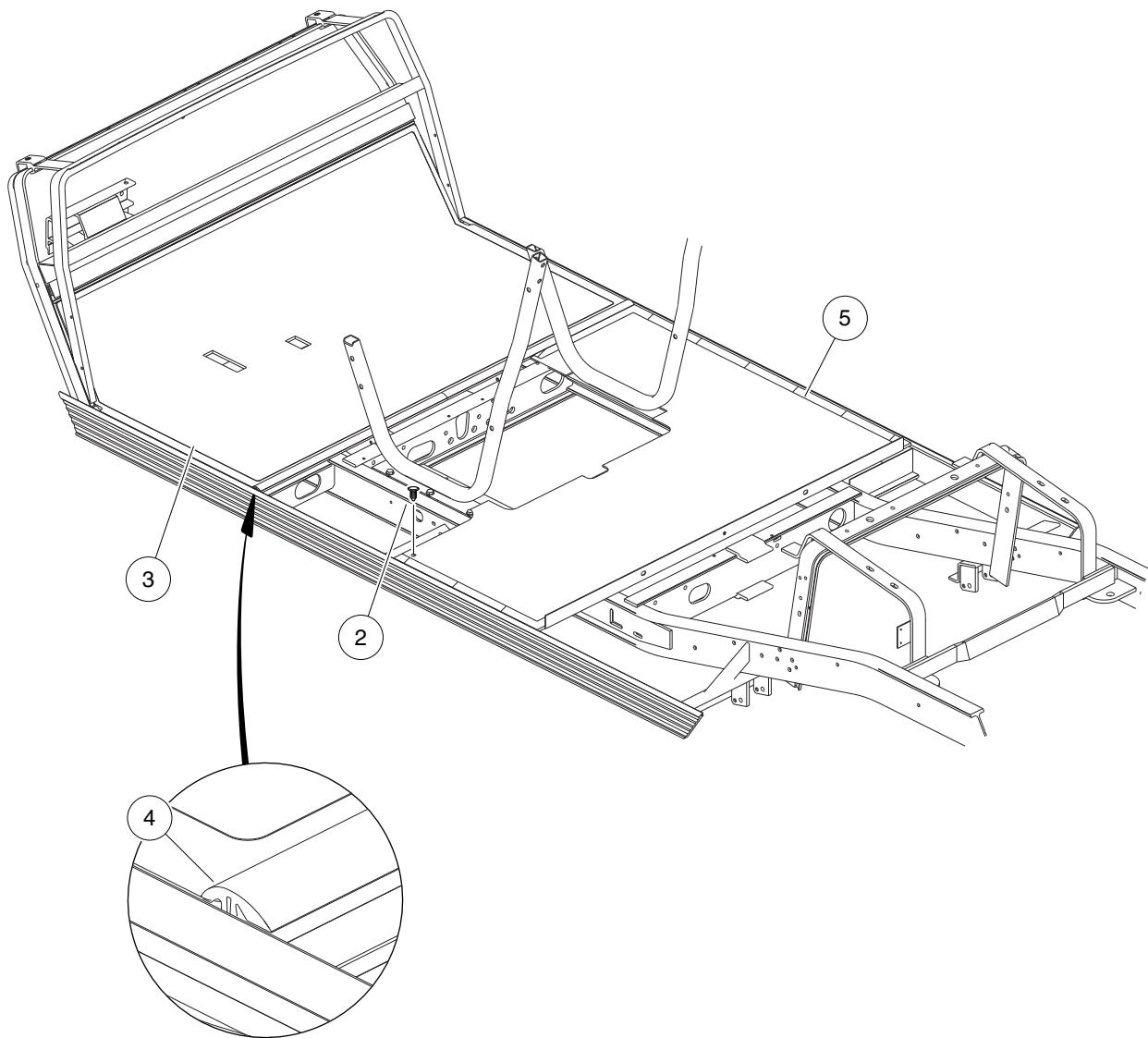
# CLOSEOUT, UNDER SEAT

ITEM	PART NO.	DESCRIPTION	QTY
1	N/A	1 2 3 4 Instl, Closeout, Under Seat (includes items 2 and 3) .....	1
2	1010434	Barrel - Plastic .....	4
3	103407001	Cover, Under Seat, Manual Brk .....	1

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000742-001

## FLOORMATS – GASOLINE VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	1
1	N/A	Instl, Floormat, No Body, Gas (includes items 2 through 5) .....	1
2	1010434	Barrel - Plastic .....	1
3	101503202	Floormat .....	1
4	103296101	Trim, Floormat .....	1
5	103296402	Floormat, Rear, No Body, Gas .....	1

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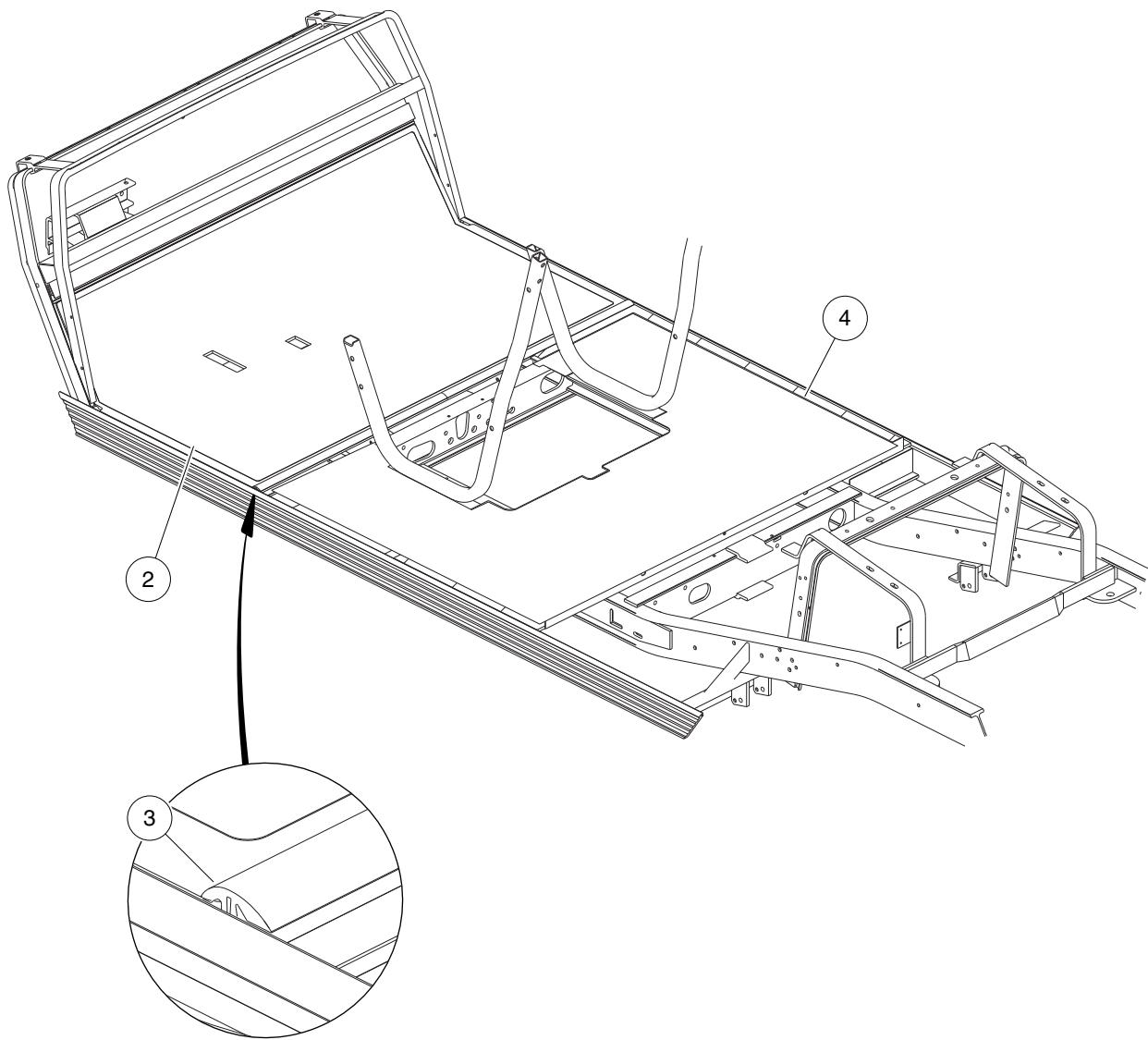
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000742-002

## FLOORMATS – ELECTRIC VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY
1	N/A	1 2 3 4 Instl, Floormat, No Body, Elec (includes items 2 through 4) .....	1
2	101503202	Floormat .....	1
3	103296101	Trim, Floormat .....	1
4	103296401	Floormat, Rear, No Body, Elec .....	1

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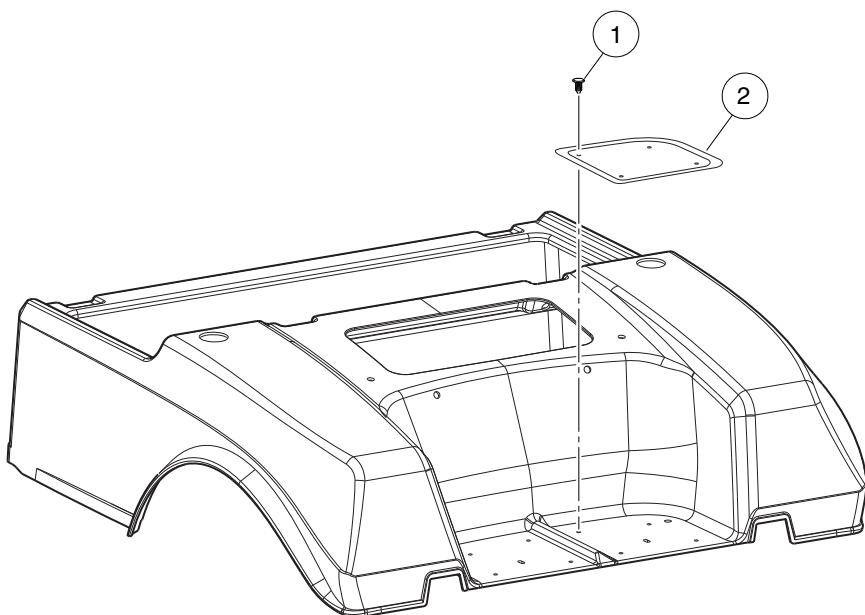
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000777-001

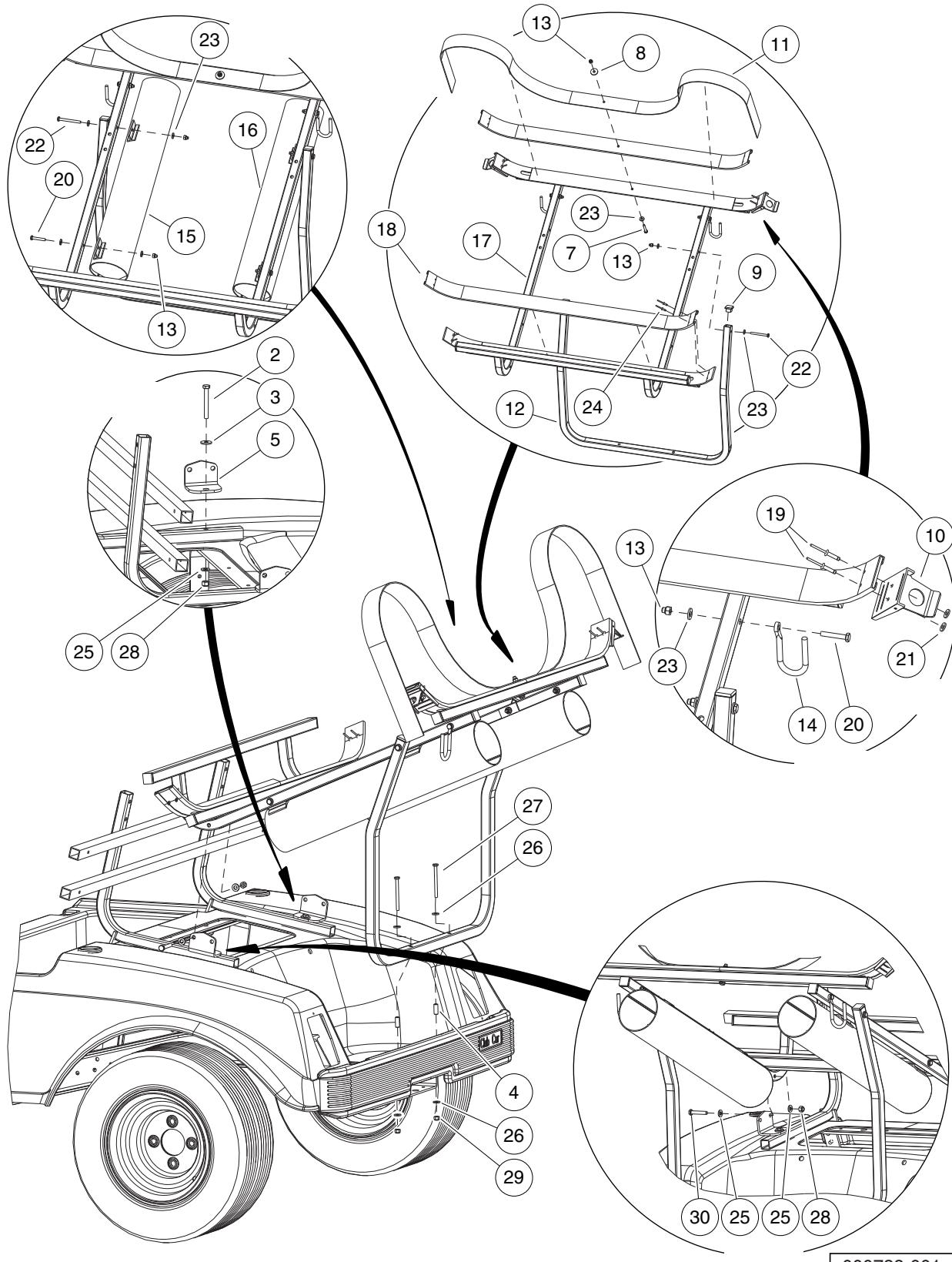
## BAG REST MATS

ITEM	PART NO.	DESCRIPTION	QTY	
1	1010434	1 2 3 4 Barrel - Plastic .....	8	1
2	1014392	Bag Rest Mat .....	2	G E

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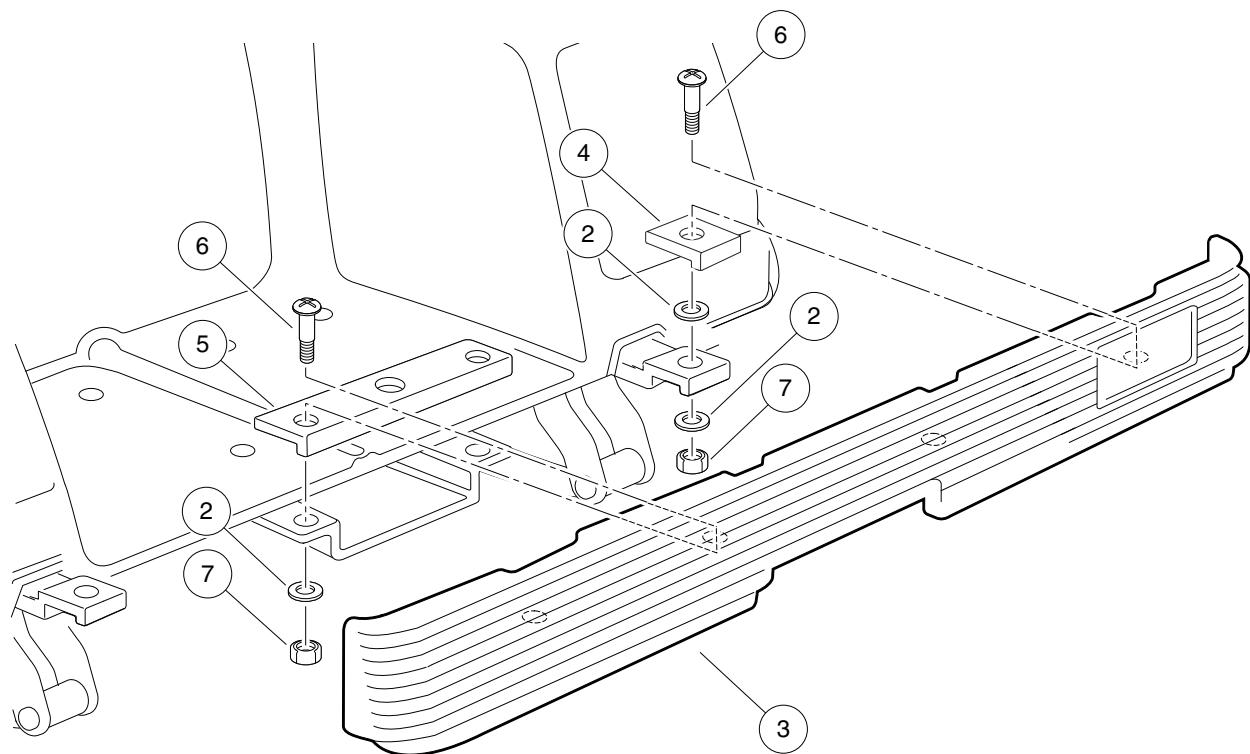


000738-001

# BAGRACK

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	N/A	Instl, Rack W/tubes, Four Bag (includes items 2 through 30) .....	1
2	1010921	Screw, 5/16-18 X 2.50 Hex Cap .....	2
3	1011697	Washer, 5/16 Flat .....	2
4	1017841	Spacer - Steel .....	2
5	103371001	Brkt, Mtg, Rack, Four Bag .....	2
6	103371102	Asm, Rack, Four Bag, W/tubes (includes items 7 through 24) .....	1
7	1013509	Screw, 1/4-20 X 1.75 Hx Hd Cap .....	1
8	1014306	Washer, 1/4" Type B Flat .....	1
9	1017271	Finishing Plug .....	10
10	1017284	Strap Buckle .....	2
11	1017299	Bag Strap Limo .....	1
12	1017672	Bag Rack Support .....	1
13	102242401	Nut - Nylon Insert W/cap .....	7
14	102579601	L2 Bag Hook .....	2
15	102579801	Putter Tube Weldment Rh .....	1
16	102579802	Putter Tube Weldment Lh .....	1
17	103370801	Weldment, Rack, Four Bag .....	1
18	103380301	Cover, Bagrack Slat, Vinyl .....	2
19	1606	Rivet, 3/16 X .500 Alum Pop .....	4
20	1703	Screw, 1/4-20 X 1.50 Hx Hd Cap .....	2
21	183	Washer, #10 Type A Flat .....	4
22	324	Screw, 1/4-20 X 2.50 Hx Hd Cap .....	2
23	332	Washer, 1/4 Type A Narrow Flat .....	11
24	7973	Rivet, 3/16 X .400 Blind .....	4
25	1241	Washer, 5/16 Type A Flat .....	6
26	332	Washer, 1/4 Type A Narrow Flat .....	4
27	343	Screw, 1/4-20 X 3.00 Hx Hd Cap .....	2
28	7473	Locknut, 5/16-18 Nylon Insert .....	4
29	8233	Locknut, 1/4-20 Nylon Insert .....	2
30	8963	Screw, 5/16-18 X 1.75 Hex-Head Cap .....	2

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000666-001

# REAR BUMPER

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1017079	Kit, Rear Bumper (includes items 2 through 7) .....	1
2	1011697	Washer, 5/16 Flat .....	6
3	1016379	Bumper, Rear .....	1
4	1016874	Plate, Bumper Mounting, Short .....	2
5	1016875	Plate, Bumper Mounting, Long .....	1
6	1016876	Bolt, 3/8 Shoulder .....	4
7	7473	Locknut, 5/16-18 Nylon Insert .....	4
Note: Item 4 not used in all applications.			

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# **WHEELS AND TIRES**

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000780-001

## WHEEL COVERS

ITEM	PART NO.	DESCRIPTION	QTY
1	AM10839	1 2 3 4 Wheel Cover, 10" Chrome (pair of 2) .....	2
2	AM10840	Wheel Cover, 10" Gold (pair of 2) .....	2

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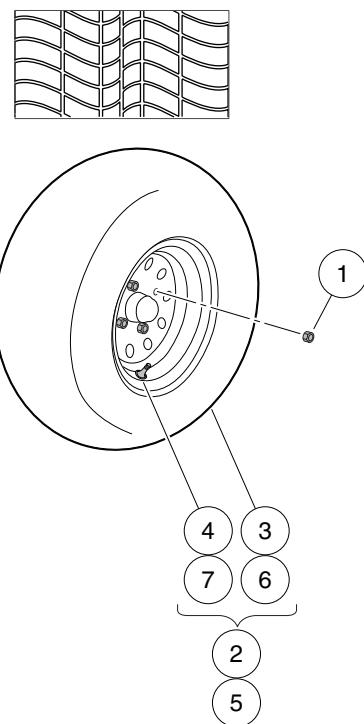
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000737-001

## WHEELS AND TIRES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1010984	.500-20 Unf Lug Nut .....	16
2	102979201	Asm, Wheel/tire, 10" Rim, Wh (includes items 3 and 4) .....	4
3	102556701	Tire, Pro Tour, 205-50 X 10 .....	1
4	7310	Valve Stem .....	1
5	102979202	Asm, Wheel/tire, 10" Rim, Be (includes items 6 and 7) .....	4
6	102556701	Tire, Pro Tour, 205-50 X 10 .....	1
7	7310	Valve Stem .....	1

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# **SAFETY DECALS**

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## WARNING

### ROLLOVER OR FALLING OFF MAY CAUSE DEATH.

- Before using vehicle, read operating instructions.
- Remain seated and hold on to seat handle while moving.
- Do not start vehicle until all occupants are seated.
- Front Seat: Two (2) persons maximum.
- Rear Seat: Three (3) persons maximum.
- Operate from driver side only and not on public roads.
- Keep entire body inside vehicle while moving.
- Drive slowly in turns and straight up and down slopes.
- Do not leave children unattended on vehicle.
- Never operate under the influence of alcohol or drugs.
- Use brakes to reduce speed when coasting downhill.
- Never stand in front of or behind vehicle.

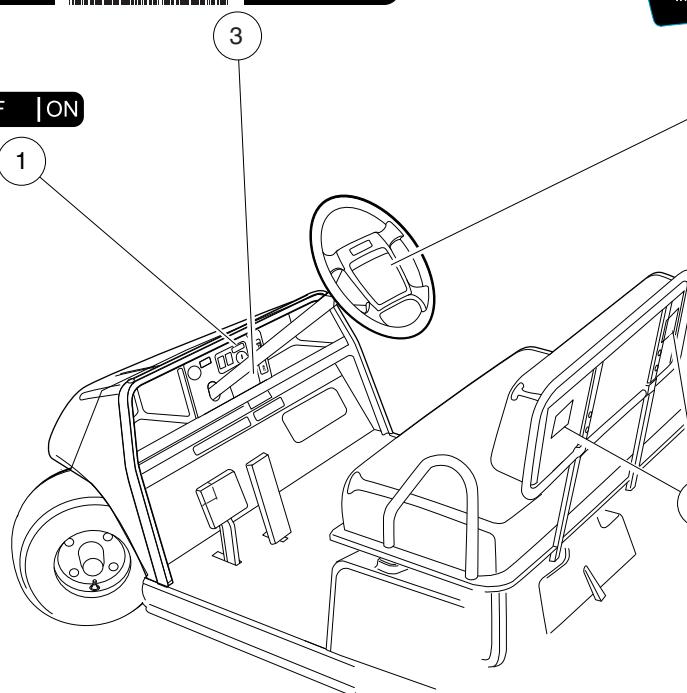
CCI 103327401



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## OPERATING INSTRUCTIONS

- Read owner's manual and dash-mounted safety warnings prior to driving.
- Study and understand controls.

### TO OPERATE

- Turn wheels to desired direction and ensure path is clear.
- Turn key to ON position.
- While stopped, place Forward/Reverse switch in desired position:  
F=Forward N=Neutral R=Reverse (Buzzer will sound)
- Park brake will release and vehicle will start moving when accelerator pedal is pressed.
- Slowly press accelerator pedal to increase speed.
- To stop, release accelerator pedal and press brake pedal.

### BEFORE LEAVING

- Press park brake pedal until it locks and holds vehicle.
- Place Forward/Reverse switch in NEUTRAL position.
- Turn key OFF and remove key when not in use.

### MOTOR BRAKING

- Electric motor braking provides speed regulation functions.
- For parked vehicle, beeping alarm indicates vehicle rollaway.
- In operation, beeping alarm indicates reduction in motor braking.
- Anti-lock brake system (ABS) is not available.
- System is activated only when tow switch is in the RUN position.
- When towing this vehicle, tow switch must be in the TOW position.

CCI 102518001

## WARNING

### FALLING OFF COULD RESULT IN SEVERE INJURY OR DEATH

- Remain seated with entire body inside vehicle when moving.
- Hold on to seat handle or handrail at all times.
- Front Seat: Two (2) persons maximum.
- Rear Seat: Three (3) persons maximum.
- Do not leave children unattended on vehicle at anytime.
- Never stand in front of or behind vehicle.

CCI 103327501

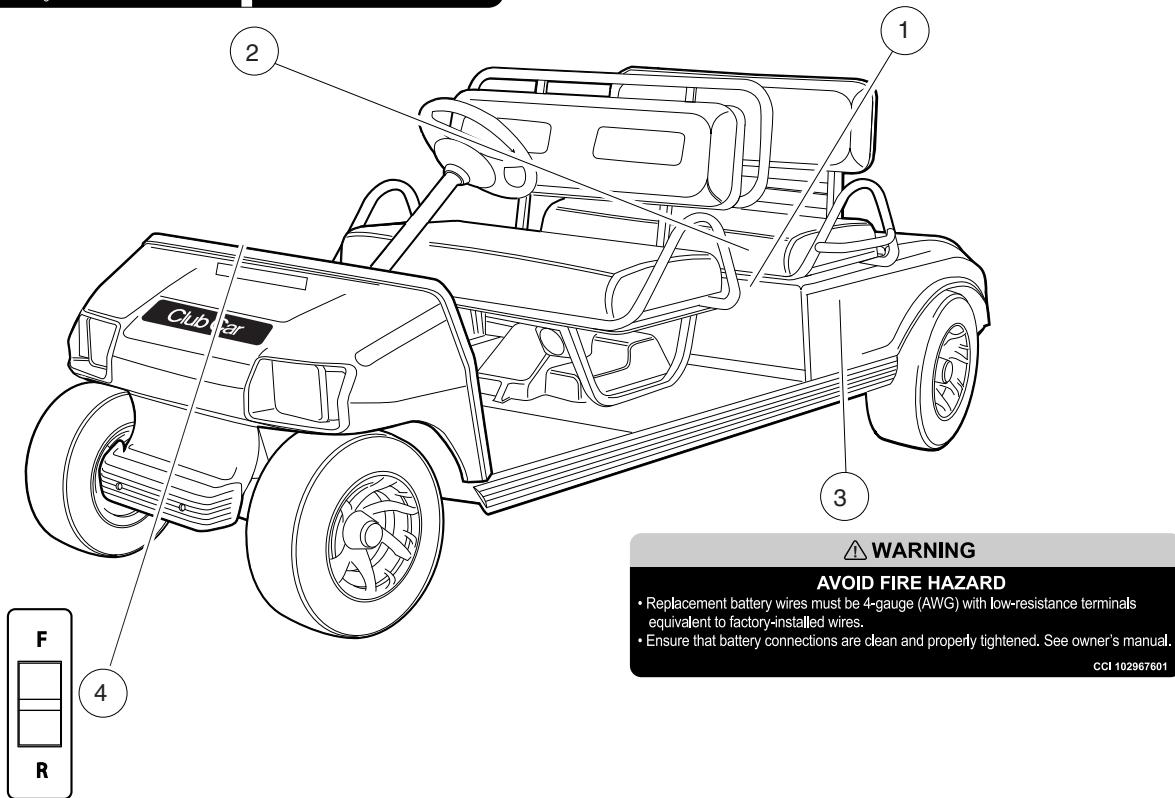
# SAFETY DECALS, ELECTRIC VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	3
1	101825101	Decal, Off/On .....	1
2	102518001	Decal, Operating Instr, Elec .....	1
3	N/A	Decal, Warning, Dash .....	1
4	103327501	Decal, Warning, Pass .....	4

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000750-002

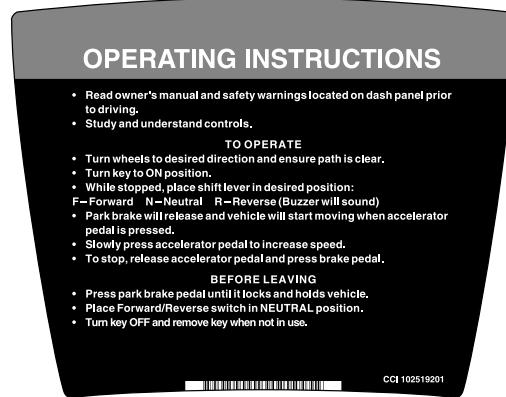
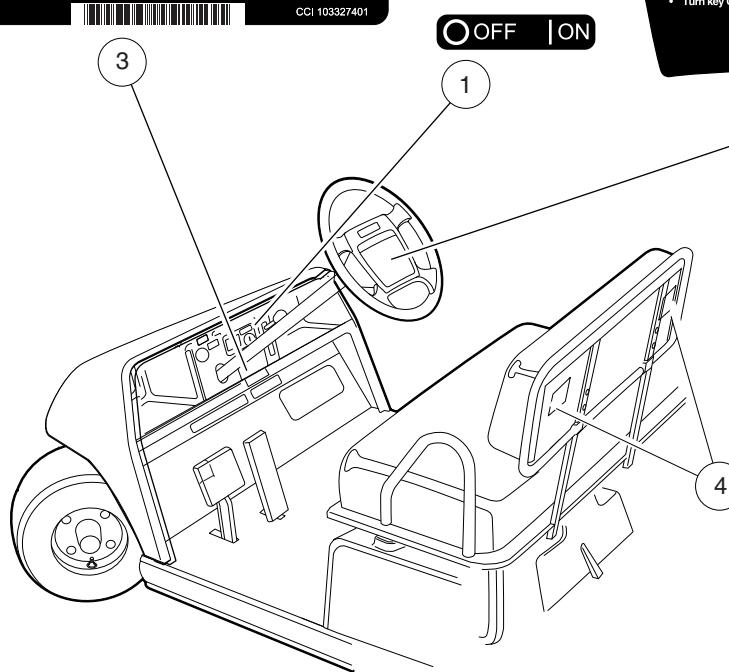
## SAFETY DECALS, ELECTRIC VEHICLES - CONTINUED

ITEM	PART NO.	DESCRIPTION	QTY	
		1 2 3 4		<b>3</b>
1	1013677	Decal, Battery Danger .....	1	<b>G</b>
2	102845101	Decal, Tow Switch .....	1	
3	102967601	Decal, Warning, 4 Gauge Wire .....	1	
4	103210301	Decal, Forward/Reverse, Electric .....	1	<b>E</b>

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000750-003

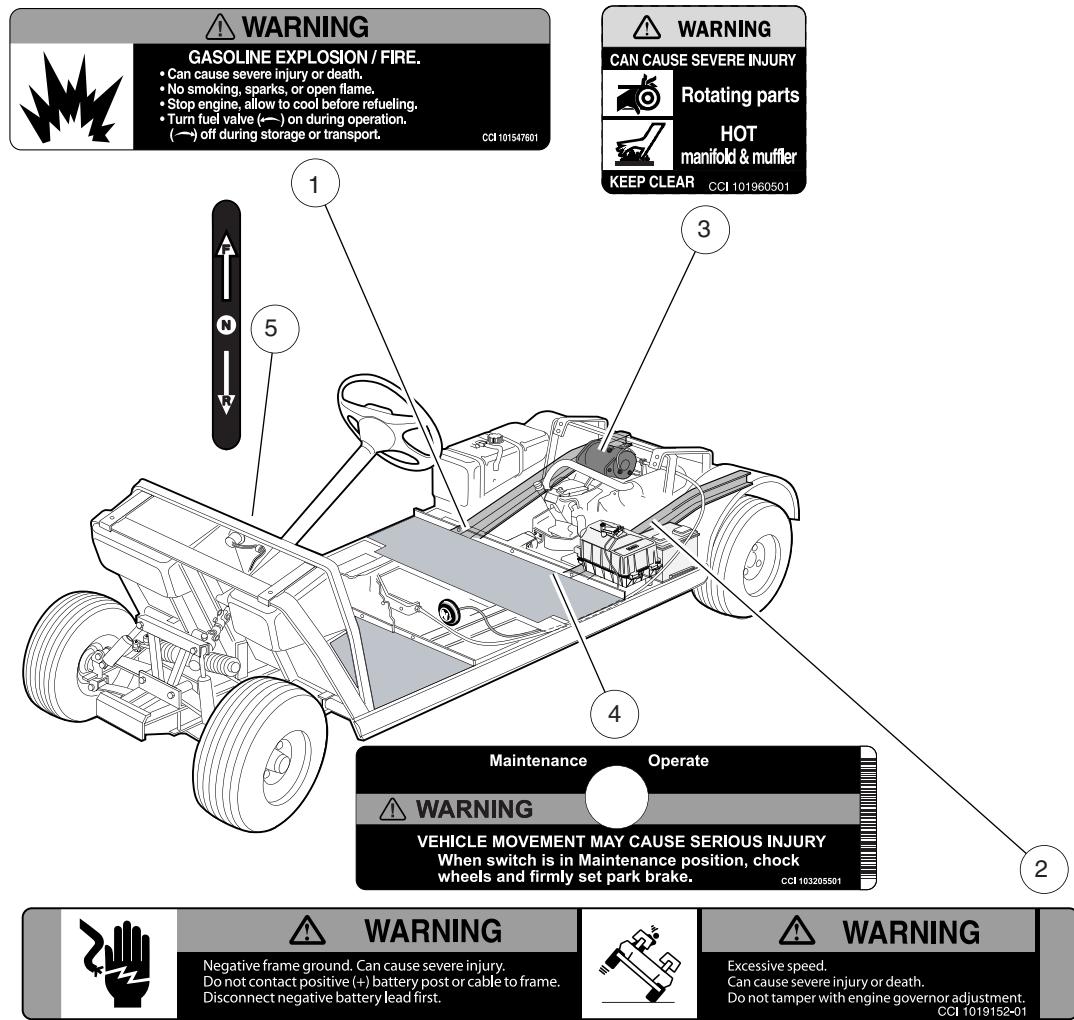
# SAFETY DECALS, GASOLINE VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY	
		1 2 3 4		<b>3</b>
1	101825101	Decal, Off/On .....	1	<b>G</b>
2	102519201	Decal, Operating Instr, Gas .....	1	
3	N/A	Decal, Warning, Dash .....	1	
4	103327501	Decal, Warning, Pass .....	4	<b>E</b>

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000750-004

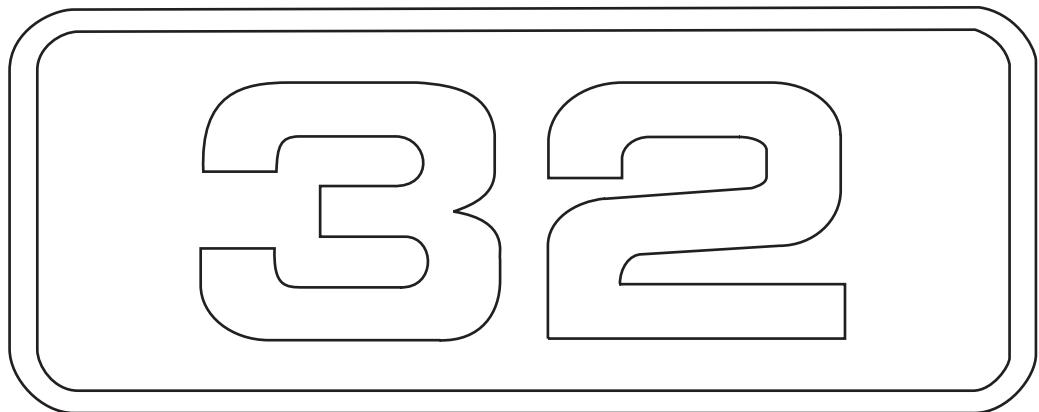
## SAFETY DECALS, GASOLINE VEHICLES - CONTINUED

ITEM	PART NO.	DESCRIPTION	QTY	
		1 2 3 4		<b>3</b>
1	101547601	Decal, Gasoline Explosion/Fire Warning .....	1	<b>G</b>
2	101915201	Decal, Frame Ground and Governor Warning .....	1	
3	101960501	Decal, Rotating Parts/Hot Manifold .....	1	
4	103205501	Decal, Run/Service Switch .....	1	
5	103210201	Decal, Forward/Reverse, Gas .....	1	<b>E</b>

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## FLEET NUMBERING DECALS

ITEM	PART NO.	DESCRIPTION	QTY	
1	101217301	<b>1 2 3 4</b> Number Decal 1 Ea B/g Loose ..... 	1	<b>3</b> <b>G</b> <b>E</b>

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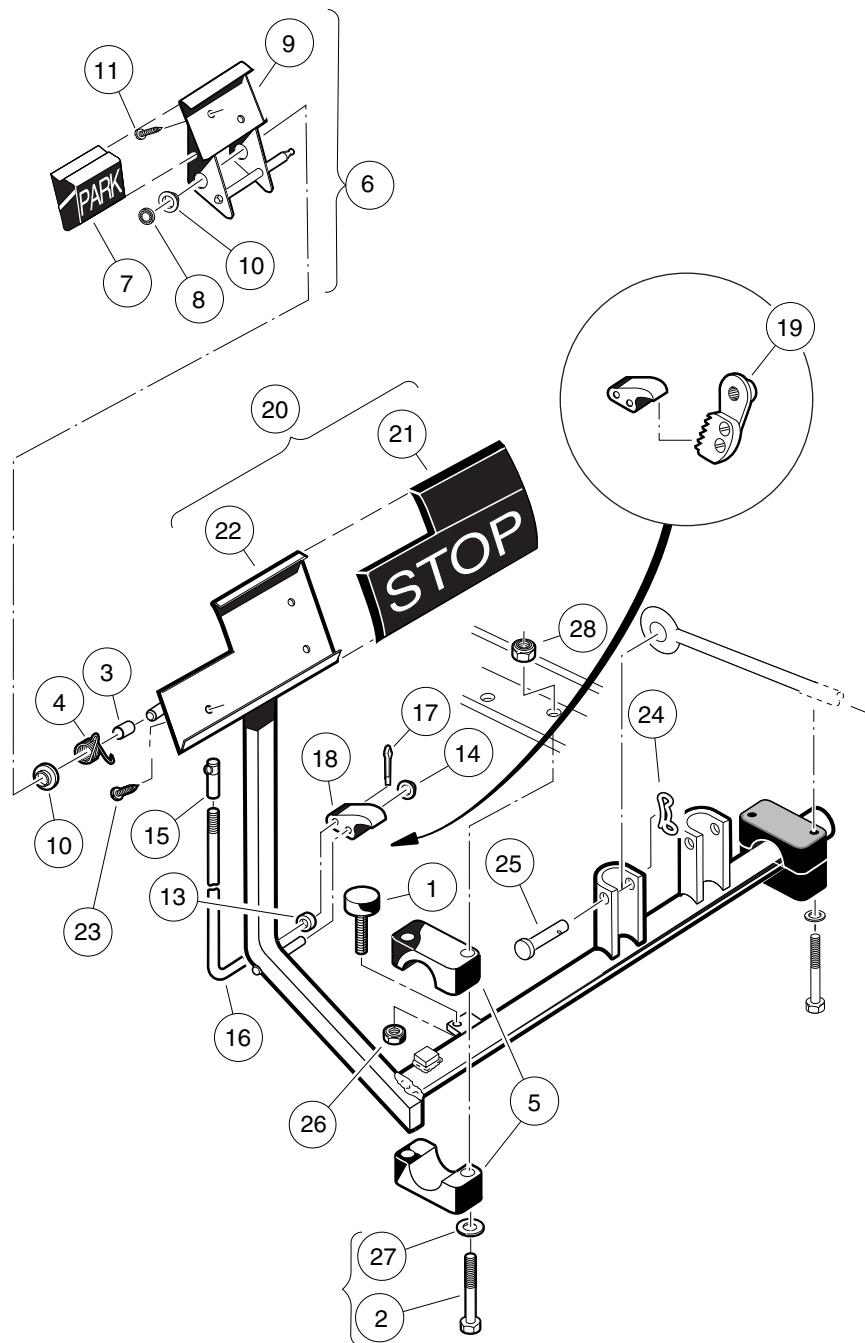
# **BRAKES, PEDAL, AND CABLE ASSEMBLIES**

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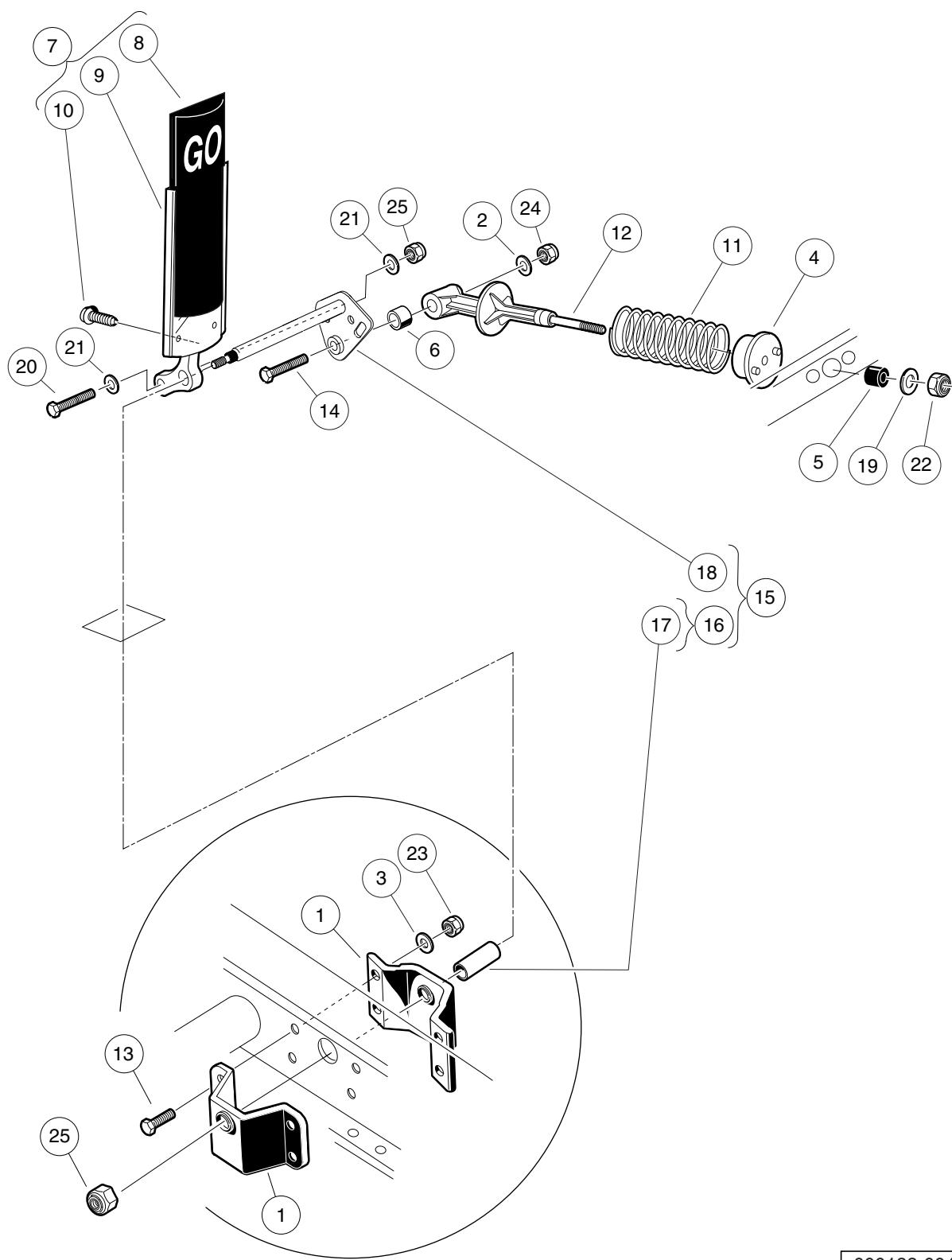
# BRAKE PEDAL ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1010878	Bumper, Rubber .....	1
2	1010921	Screw, 5/16-18 X 2.50 Hex Cap .....	4
3	1010927	Hill Brake Spacer .....	1
4	1010933	Spring, Hill Brake Torsion .....	1
5	1011402	Package, Brake Mounting Block .....	1
6	1011418	Kit, Hill Brake Pedal (includes items 7 through 11) .....	1
7	1013870	Pad, Hill Brake .....	1
8	1013876	Pushnut, 3/8 .....	1
9	N/A	Hill Brake Weld Assembly .....	1
10	1032	Bushing, Nylon .....	2
11	7716	Screw, #10-16 Type AB, Sheet Metal .....	2
12	101187702	Kit, Hill Brake Latch (includes items 13 through 19) .....	1
13	1010805	Sleeve, Hill Brake Rod .....	1
14	1010877	Pushnut, 3/8 .....	1
15	1010932	Ball Joint, 1/4-28 .....	1
16	N/A	Rod, Hill Brake .....	1
17	1017029	Pin, Cotter, 7/64 x 1/2 Stainless-Steel .....	1
18	N/A	Pawl, Hill Brake .....	1
19	101918501	Ratchet Assembly .....	1
20	101878201	Brake Pedal Kit (includes items 21 through 23) .....	1
21	1013869	Pad, Brake Pedal .....	1
22	N/A	Weldment, Brake Pedal 4wb Std .....	1
23	7716	Screw, #10-16 Type AB, Sheet Metal .....	3
24	102323101	Pin, Bow Tie Locking .....	2
25	102323201	Pin, 3/8 X 1-5/16 Clevis .....	2
26	1028	Nut, 1/4-20 Hex .....	1
27	1241	Washer, 5/16 Type A Flat .....	4
28	7473	Locknut, 5/16-18 Nylon Insert .....	4

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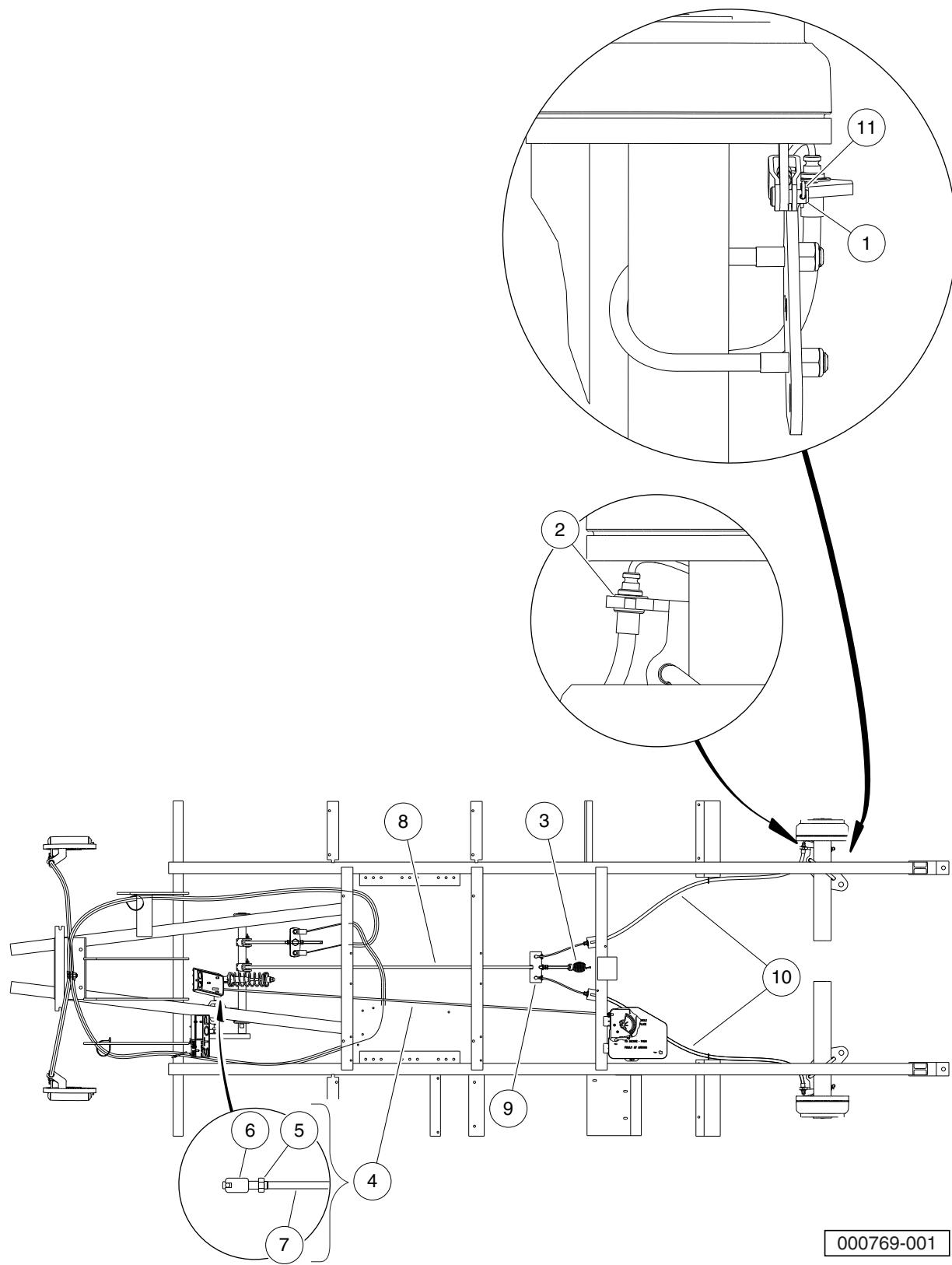
# ACCELERATOR PEDAL ASSEMBLY – ELECTRIC VEHICLES WITH MCOR

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1011694	Accelerator Bracket and Bearing Assembly .....	2
2	1011931	Washer, 1/4 Flat .....	1
3	1014007	Washer, 1/4 Flat .....	4
4	1017378	Cup, Spring .....	1
5	1017380	Bumper, Spring Return .....	1
6	1017424	Bearing, Pivot Support .....	1
7	1017696	Sub Asm, Accelerator Pedal (includes items 8 through 10) .....	1
8	1013871	Pad, Accelerator Pedal .....	1
9	N/A	Accelerator Pedal Weldment .....	1
10	7716	Screw, #10-16 Type AB, Sheet Metal .....	4
11	101796201	Spring, Accelerator Return .....	1
12	101817401	Retainer, Spring .....	1
13	101861901	Screw, 1/4-20 X 1.125 Hex Cap .....	4
14	101862001	Screw, 1/4-20 X 1.500 Flange .....	1
15	102026001	Kit, Accelerator Pivot Rod Assembly (includes items 16 through 18) .....	1
16	1011700	Spacer Assembly (includes item 17) .....	1
17	101919801	Spacer, Accelerator .....	1
18	N/A	Pivot Rod Weldment .....	1
19	1241	Washer, 5/16 Type A Flat .....	1
20	1624	Screw, 3/8-16 X 1.50 Hex-Head Cap .....	1
21	334	Washer, 3/8 Type A Flat .....	2
22	7473	Locknut, 5/16-18 Nylon Insert .....	1
23	8233	Locknut, 1/4-20 Nylon Insert .....	4
24	8717	Locknut, 1/4-28 Nylon Insert .....	1
25	8754	Locknut, 3/8-16 Hex .....	2

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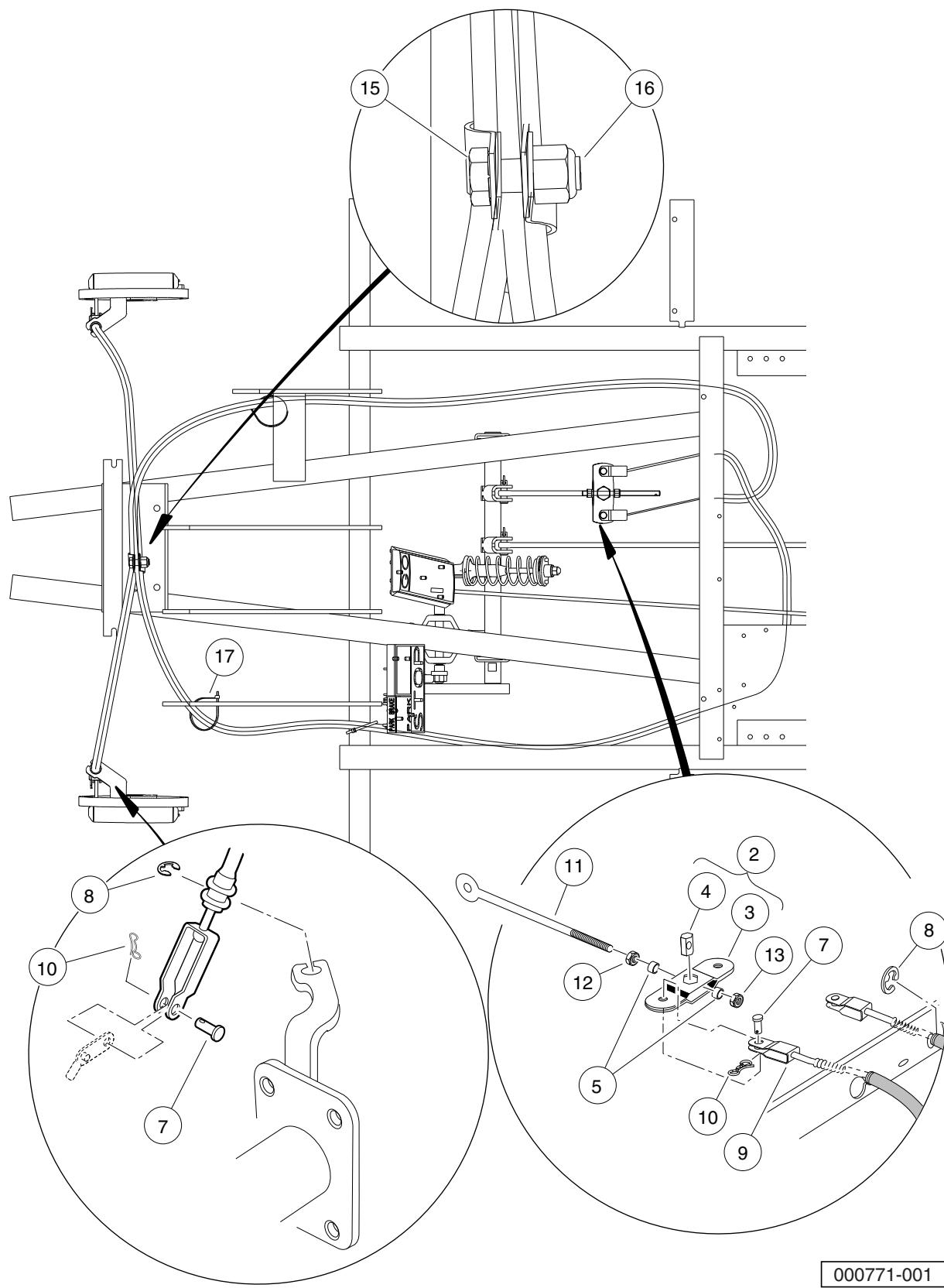
# PEDAL GROUP – GASOLINE VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1010829	Pin, Clevis, 5/16 X 3/4 .....	2
2	1011779	E-Clip, 1/2 .....	2
3	1013531	Spring, Brake Return .....	1
4	101674702	Rod, Accelerator (includes items 5 through 7) .....	1
5	1011084	Nut, 1/4-28 Hex Jam .....	2
6	1011734	Joint, Ball .....	2
7	N/A	Accelerator Rod Elec Stretch .....	1
8	101953103	Rod, Equalizer .....	1
9	101990801	Equalizer Bracket .....	1
10	102162601	Cable, Brake .....	2
11	102292801	Pin, Bow Tie Locking - .072 .....	2

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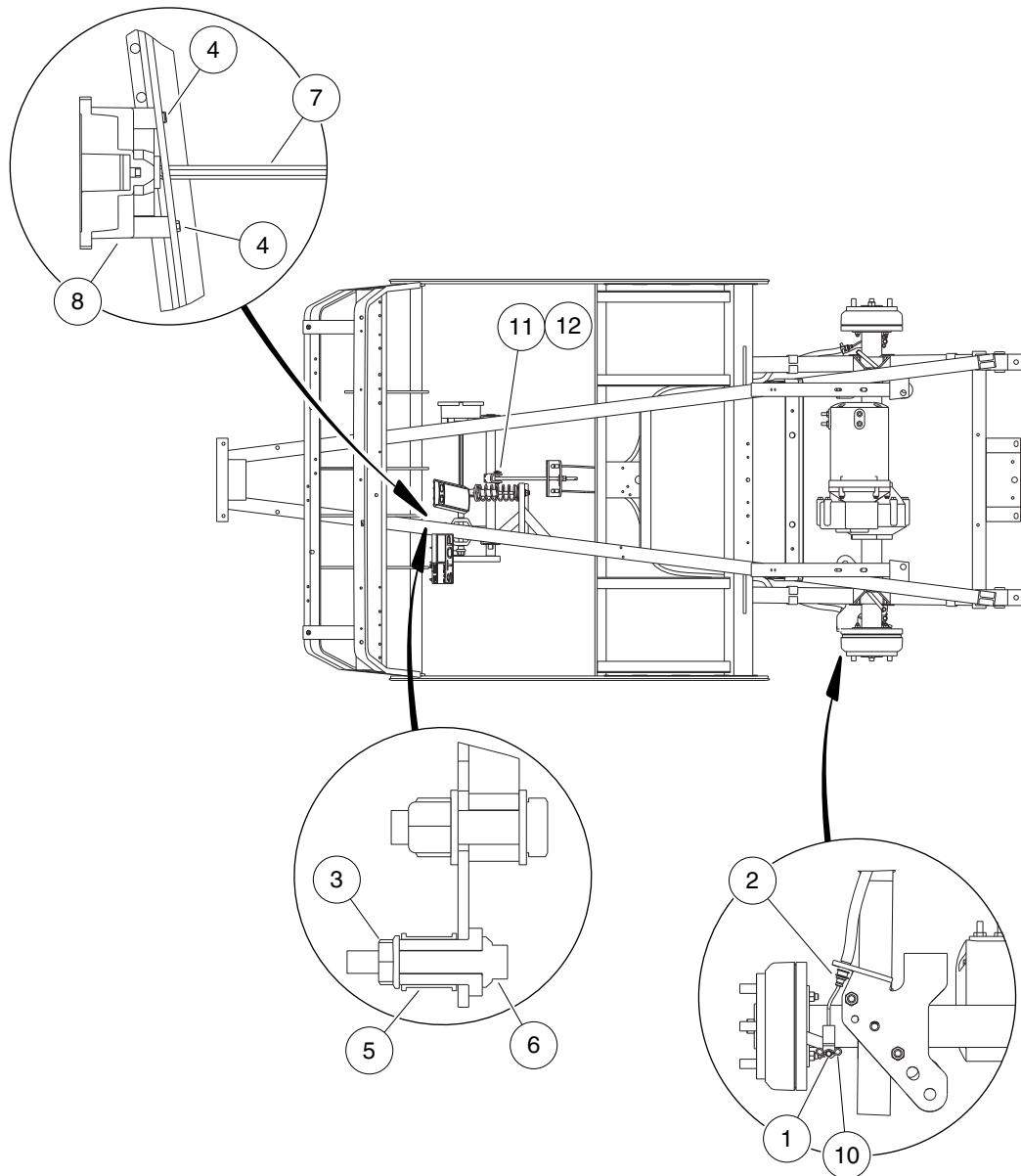
# PEDAL GROUP – GASOLINE VEHICLES, CONTINUED

ITEM	PART NO.	DESCRIPTION	QTY
		<b>1 2 3 4</b>	
1	N/A	Asm, Brake Cable (includes items 2 through 13) .....	1
2	1017211	Kit, Equalizer and Pivot Limiter (includes items 3 and 4) .....	1
3	1016319	Equalizer Weld Assembly .....	1
4	1016320	Equalizer, Pivot Limiter .....	1
5	101865301	Spacer .....	2
6	101874601	Kit, Brake Cable (includes items 7 through 10) .....	1
7	1010829	Pin, Clevis, 5/16 X 3/4 .....	4
8	1011779	E-Clip, 1/2 .....	4
9	N/A	Brake Cable .....	2
10	102292801	Pin, Bow Tie Locking - .072 .....	4
11	101953106	Rod, Equalizer, 9.75" .....	1
12	1242	Nut, 5/16-18 Hex .....	1
13	7473	Locknut, 5/16-18 Nylon Insert .....	1
14	N/A	Asm, Pedal, Gas, Manual Brake .....	1
15	320	Screw, 3/8-16 X 1.00 Hex-Head Cap .....	1
16	8754	Locknut, 3/8-16 Hex .....	1
17	8990	Tie Wrap, 8" Nylon .....	3

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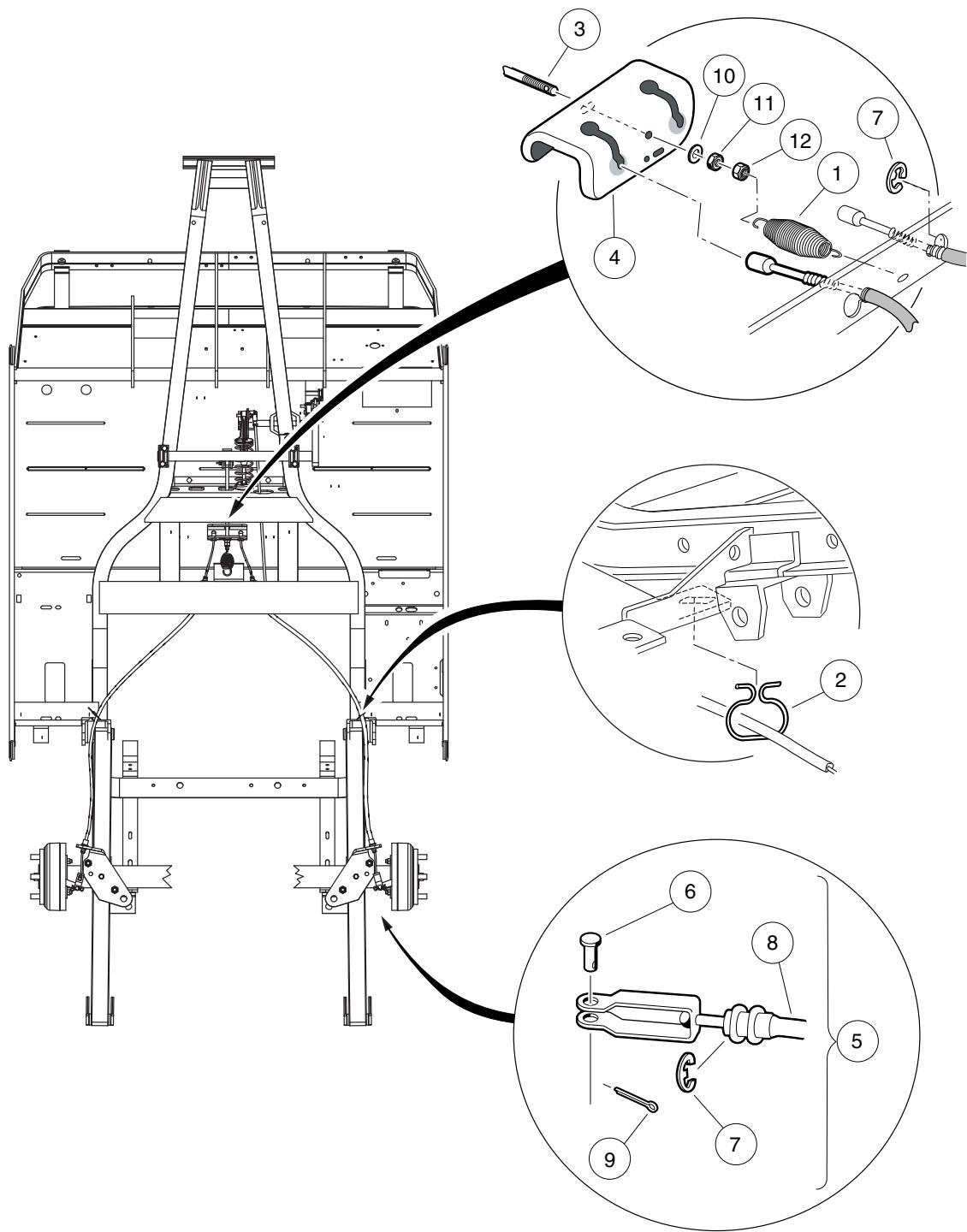
# PEDAL GROUP – ELECTRIC VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1010829	Pin, Clevis, 5/16 X 3/4 .....	2
2	1011779	E-Clip, 1/2 .....	2
3	1015661	Nut, Lock Hx Flanged 1/4-20 .....	1
4	1015752	Screw, #12-16 X 0.625 Hi-Lo .....	2
5	1017427	Towbar Retainer .....	1
6	101862001	Screw, 1/4-20 X 1.500 Flange .....	1
7	102101001	Bar, Drive, Cast .....	1
8	102101101	MCOR .....	1
9	N/A	Instl, Pedal Group - Vil 48v .....	1
10	102292801	Pin, Bow Tie Locking - .072 .....	2
11	102323101	Pin, Bow Tie Locking .....	1
12	102323201	Pin, 3/8 X 1-5/16 Clevis .....	1

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## PEDAL GROUP – ELECTRIC VEHICLES, CONTINUED

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1013531	Spring, Brake Return .....	1
2	101900801	Hanger, Brake Cable .....	2
3	101953101	Rod, Equalizer, 8.91" .....	1
4	101990801	Equalizer Bracket .....	1
5	102022101	Brake Cable Kit (includes items 6 through 9) .....	2
6	1010829	Pin, Clevis, 5/16 X 3/4 .....	1
7	1011779	E-Clip, 1/2 .....	2
8	N/A	Cable, Brake, 41" .....	1
9	1035	Cotter Pin, 3/32 x 1 .....	1
10	1241	Washer, 5/16 Type A Flat .....	5
11	1242	Nut, 5/16-18 Hex .....	1
12	7473	Locknut, 5/16-18 Nylon Insert .....	5

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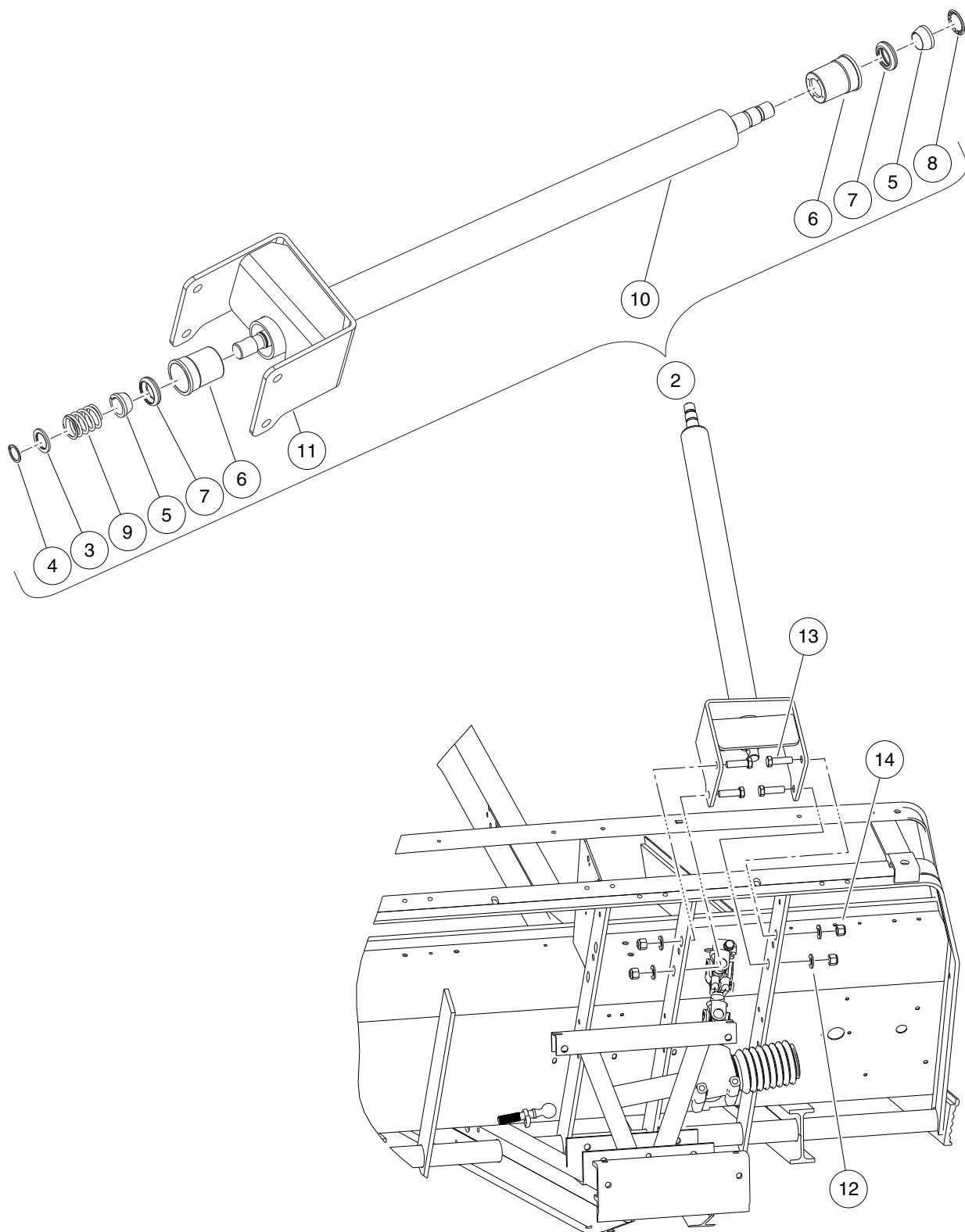
# **STEERING, BRAKE CLUSTERS, FRONT AND REAR SUSPENSION**

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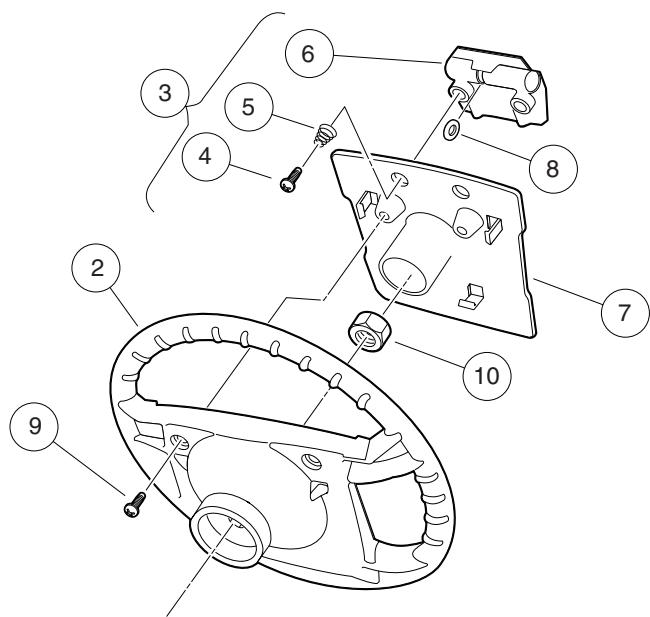
# STEERING COLUMN

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	5
1	N/A	Instl, Steering Column (includes items 2 through 14) .....	1
2	103232101	Assy, Steering Column, Short (includes items 3 through 11) .....	1
3	1012604	Washer, 0.675 ID X 1.19 OD .....	1
4	1012605	Ring, 0.579 Internal Retaining .....	1
5	1014125	Wedge, Molded .....	2
6	1014126	Seat, Plastic Bearing .....	2
7	1014213	Bearing, Ball .....	2
8	1014214	Ring, Retaining .....	1
9	1014217	Spring, Steering Shaft .....	1
10	N/A	Shaft, Steering, 667.8 Oal .....	1
11	N/A	Weldment, Column, Short .....	1
12	334	Washer, 3/8 Type A Flat .....	4
13	705	Screw, Cap-hex Hd 3/8-16x1.25 .....	4
14	8754	Locknut, 3/8-16 Hex .....	4

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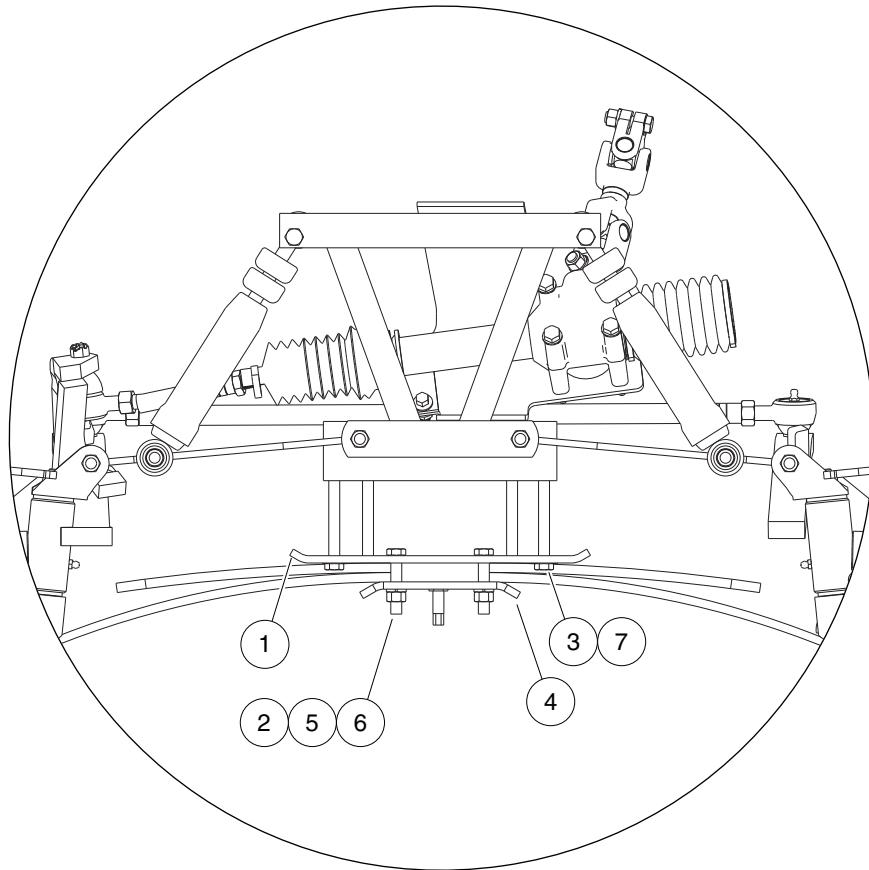
# STEERING WHEEL

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	5
1	N/A	Scorecard Holder (includes items 2 through 10) .....	1
2	1016156	Wheel, Steering .....	1
3	1016219	Plate, Scorecard (includes items 4 through 8) .....	1
4	1012565	Screw, #12 Phillips Round Head .....	2
5	1012566	Tapered Compression Spring .....	2
6	1016154	Clip, Scorecard .....	1
7	N/A	Plate, Score Card .....	1
8	N/A	Pencil Grip .....	1
9	1016663	Screw, #12-14 X 0.625 .....	2
10	1017273	Nut, 5/8-18 Nylon Insert Jam .....	1

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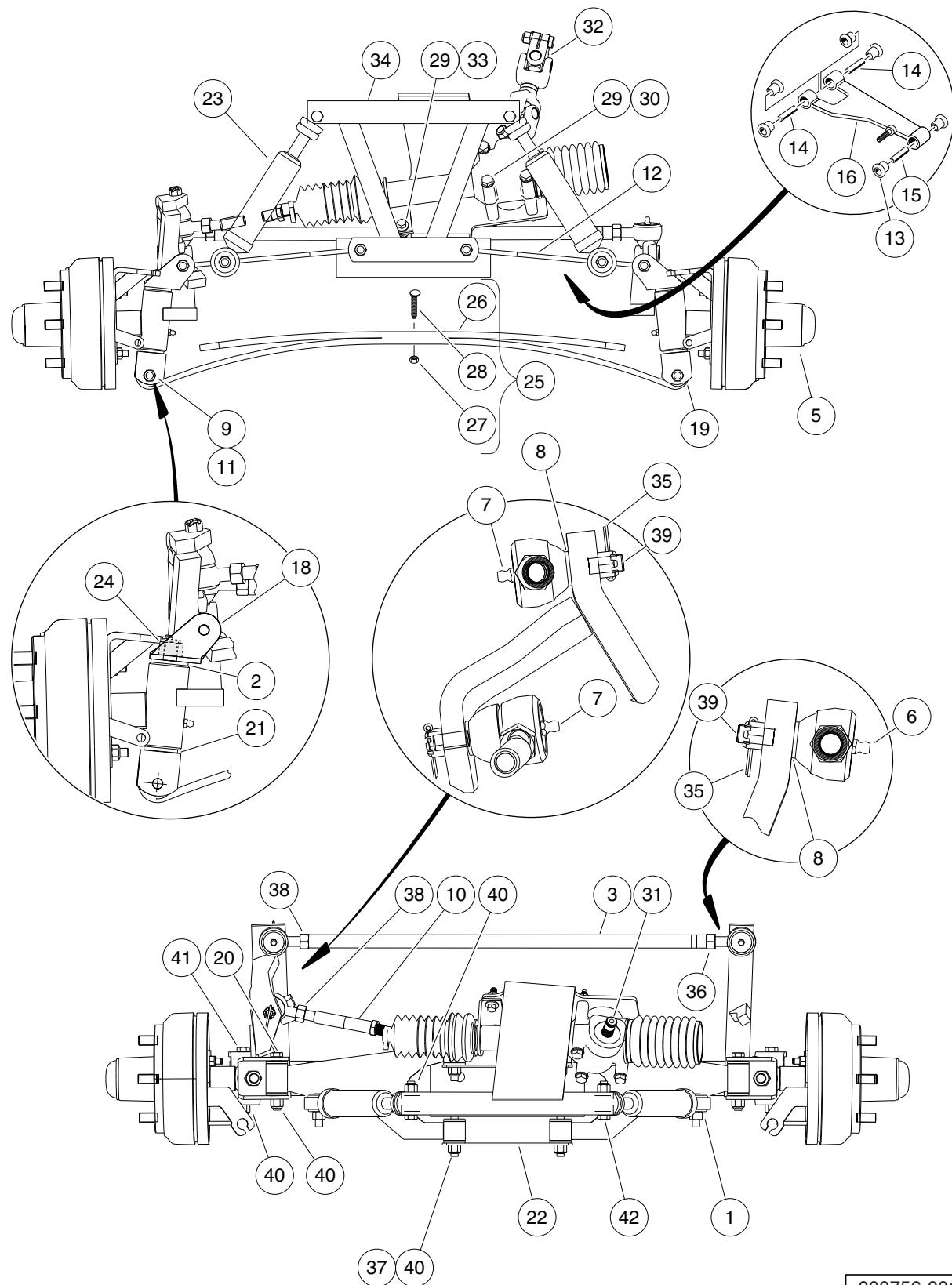
## FRONT SUSPENSION COMPONENTS

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	5
1	1010124	Plate, Spring Mount .....	1
2	1010177	Bolt, 3/8-16 X 2.00 Hex Head .....	4
3	1010200	Bolt, 3/8-16 X 4.25 Hex Head .....	4
4	1014276	Plate, Front Spring Retainer .....	1
5	357	Lockwasher, 3/8 Split .....	4
6	706	Nut, Hex 3/8-16 .....	4
7	8754	Locknut, 3/8-16 Hex .....	4

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# FRONT SUSPENSION COMPONENTS, CONTINUED

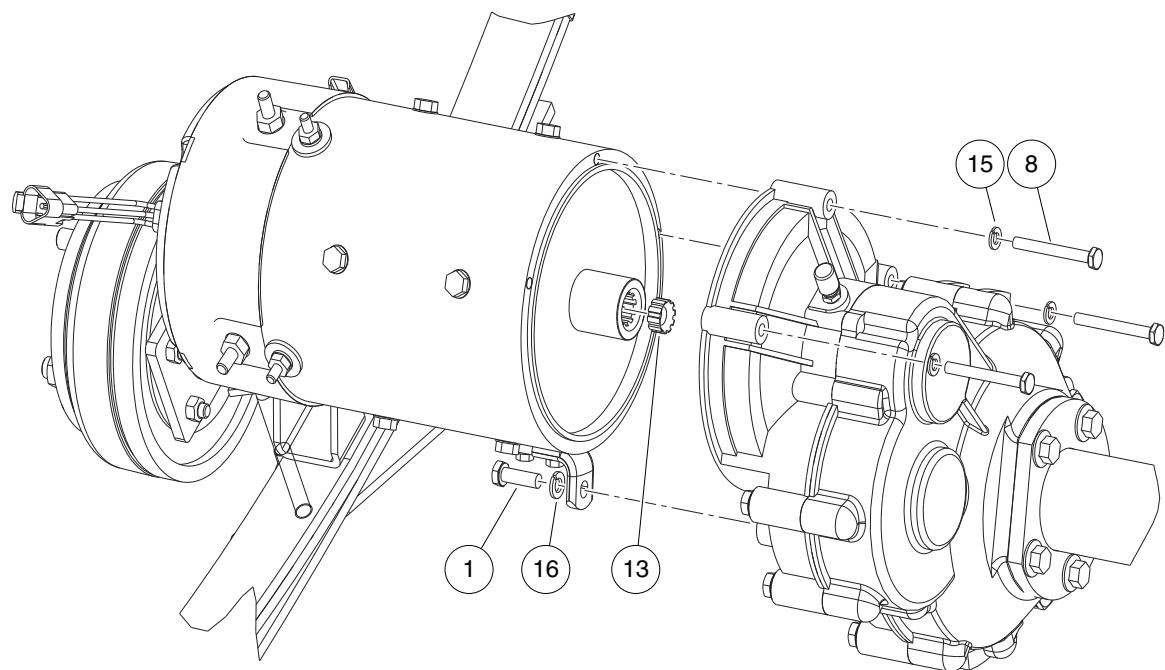
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	5
1	1010138	Locknut, 3/8-16 Dimpled .....	2
2	1010150	Bearing, Thrust .....	2
3	101021902	Tie Rod 20.643" Lg .....	1
4	1011137	Drum, Brake .....	2
5	1011887	Dust Cover .....	2
6	1011893	Socket, RH Vertical .....	1
7	1011895	Socket, LH Vertical .....	2
8	1011930	Seal, Vertical Socket Dust .....	3
9	1012303	Bushing, Steel .....	2
10	1012467	Link, Rack and Pinion Drag .....	1
11	1015583	Bushing, Urethane .....	4
12	1016353	Sub-Assembly, Delta A-Plate (includes items 13 through 16) .....	2
13	1016346	Bushing, Urethane .....	6
14	1016349	Sleeve, Delta Inner .....	2
15	1016350	Sleeve, Delta Outer .....	1
16	1016351	Delta A-Plate .....	1
17	N/A	Front Suspension Assy, Drum .....	1
18	1016384	Clevis, Delta Upper .....	2
19	1016386	King Pin Assembly .....	2
20	1016387	Screw, 3/8-16 X 2.75 Hx Hd Cap .....	2
21	1016389	Washer, 1.125 Od Wave .....	2
22	1017266	A-Plate Strap .....	2
23	101870602	Shock Absorber, Frnt, 2 Bumper .....	2
24	101903101	Locknut, 1/2-20 Nylon Insert .....	2
25	102004001	Spring, Front (includes items 26 through 28) .....	1
26	N/A	Spring, Front Leaf .....	1
27	103507001	Eccentric Bolt Common .....	1
28	706	Nut, Hex 3/8-16 .....	1
29	102298401	Nut,m8,all Metal Lock .....	5
30	102534201	Bolt - Fl Hd, M8 X 95 .....	3
31	103233101	Rack, Steering, Modular .....	1
32	103234101	Steering, I-shaft, Mod Rack .....	1
33	103262201	Bolt Flg Blk, M8 X 25, Loctite .....	2
34	103264801	Weldment, Shock & Rack Mount .....	1
35	1035	Cotter Pin, 3/32 x 1 .....	3
36	1308	Nut, 1/2-20 Hex .....	1
37	2402	Screw, 3/8-16 X 2.25 Hx Hd Cap .....	4
38	7555	Nut, 1/2-20 Hex, Left-Hand Thread .....	2
39	7602	Nut, 3/8-24 UNF Hex .....	3
40	8754	Locknut, 3/8-16 Hex .....	10
41	8755	Screw, 3/8-16 X 3.375 Hex Cap .....	2
42	8861	Bolt, 3/8-16 X 1.75 Hex .....	2

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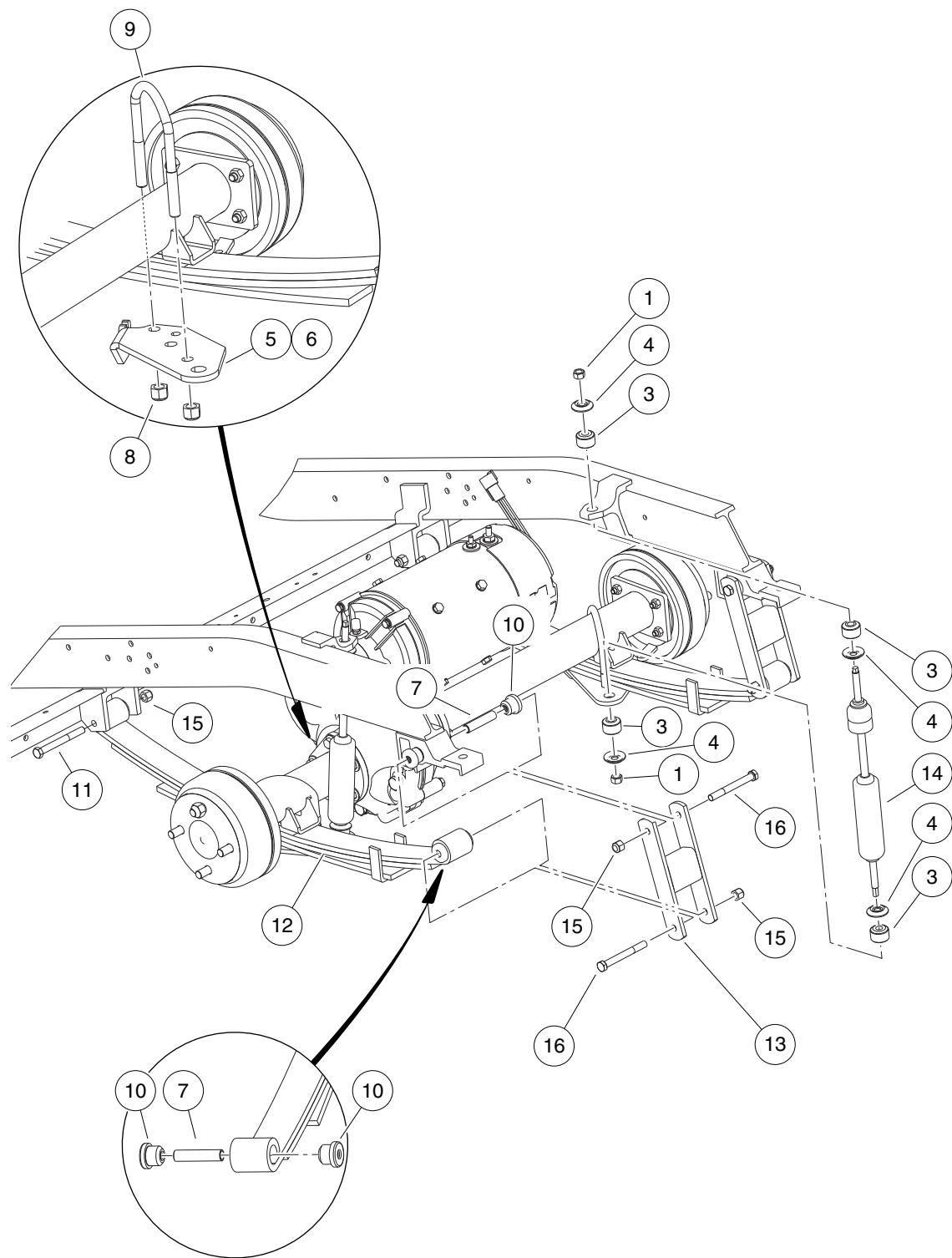
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## DRIVE UNIT MOUNTING

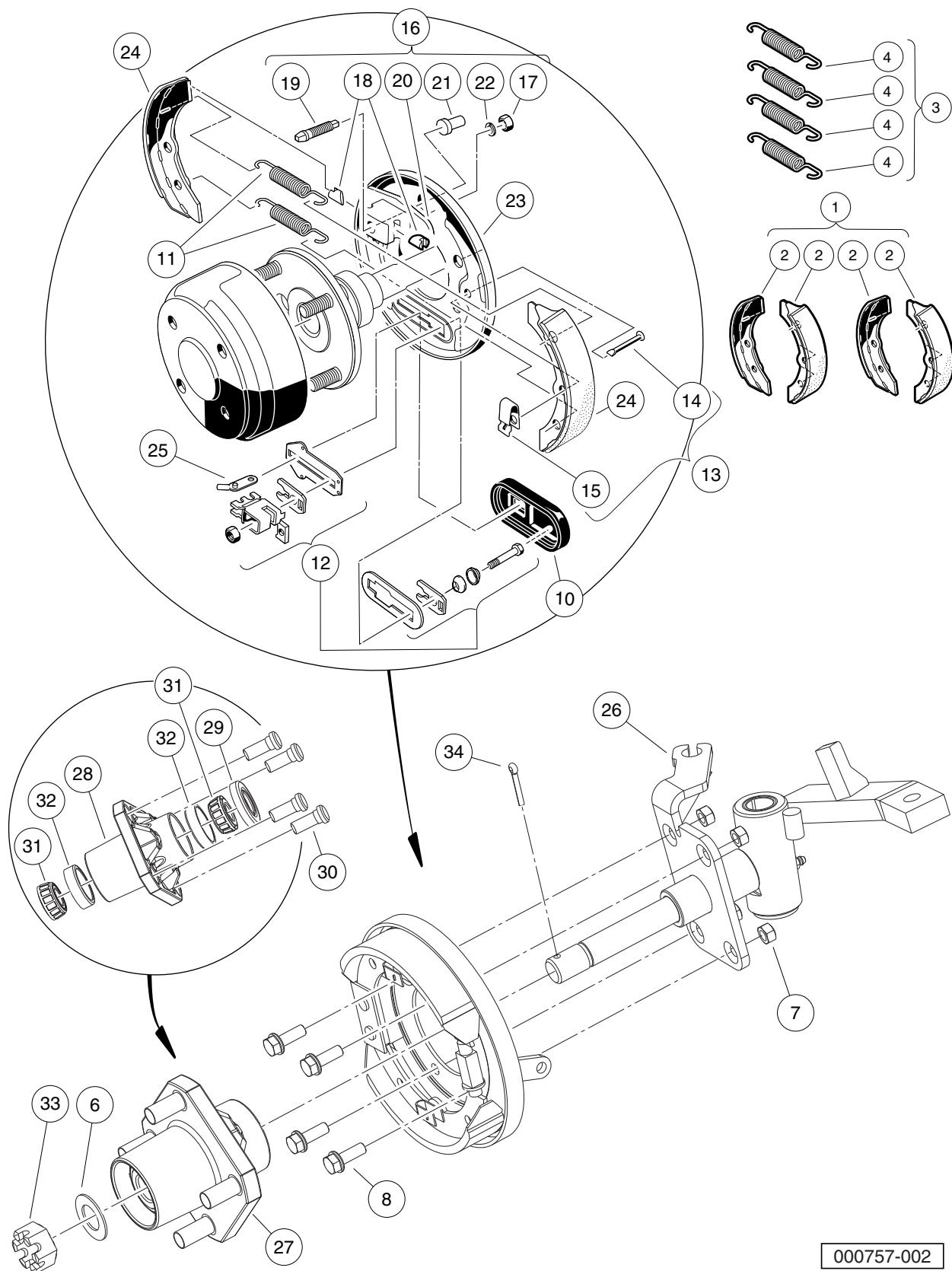
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	5
1	1010934	Screw, 5/16-18 X 1.00 Hex Cap .....	1
2	1014201	Screw, 1/4-20 X 2.25 Hex Cap .....	3
3	102235201	Bumper, Drive Unit .....	1
4	451	Lockwasher, 1/4 Split .....	3
5	7174	Lockwasher, 5/16 Split .....	1

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## REAR SUSPENSION – LEAF SPRINGS AND SHOCKS

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	5
1	1010145	Nut, 3/8-24 Hex .....	4
2	1011415	Kit, Shock Absorber Cushion (includes items 3 and 4) .....	1
3	1010142	Cushion, Shock Absorber .....	2
4	1010144	Retainer, Shock Absorber Cushion .....	2
5	1012181	Bracket, Shock Mounting, Right (Passenger) .....	1
6	1012182	Bracket, Shock Mounting, Left (Driver) .....	1
7	1012303	Bushing, Steel .....	6
8	1014555	Locknut, 7/16-14 Nylon Hex .....	4
9	1014902	U-Bolt .....	2
10	1015583	Bushing, Urethane .....	12
11	102066201	Screw, 3/8-16 X 3.50 Hex Cap .....	2
12	102871801	Spring, Multi Leaf .....	2
13	102917101	Weldment, Shackle .....	2
14	103351101	Shock, Absorber, Utility .....	2
15	8754	Locknut, 3/8-16 Hex .....	6
16	8755	Screw, 3/8-16 X 3.375 Hex Cap .....	4

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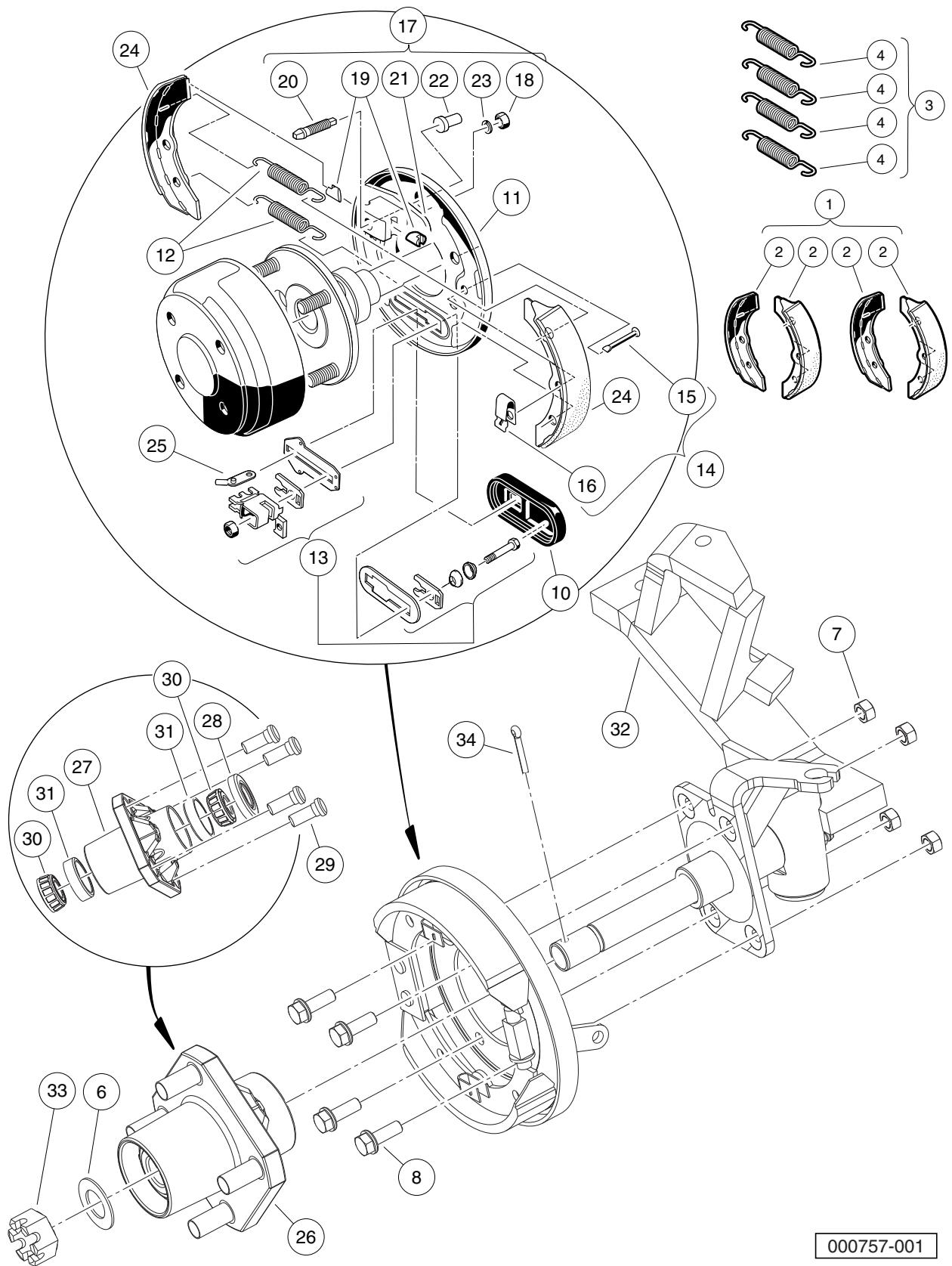
## BRAKE CLUSTERS AND SPINDLES – DRIVER SIDE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	5
1	101146302	Kit, Non-Asbestos Brake Shoe (includes item 2) .....	1
2	101880701	Shoe Brake Manual Adj (Available in Kit, Non-Asbestos Brake Shoe) .....	4
3	1011464	Package, Brake Spring (includes item 4) .....	1
4	1011314	Brake Spring .....	4
5	N/A	Asm, Spindle-hub-cluster, Lh (includes items 6 through 34) .....	2
6	1010005	Washer, 3/4 Flat .....	1
7	1013924	Nut, 5/16-24 Hex Head Cone .....	4
8	1014153	Bolt, Brake Cluster Mounting .....	4
9	1016557	Cluster, Brake, Driver-Side (includes items 10 through 25) .....	1
10	1010850	Dust Cover .....	1
11	1011314	Brake Spring .....	2
12	1011465	Kit, Brake Actuator .....	1
13	1011466	Kit, Shoe Retainer (includes items 14 and 15) .....	1
14	1010953	Pin .....	2
15	1011301	Shoe Clamp Spring .....	2
16	1011467	Kit, Anchor Body (includes items 17 through 22) .....	1
17	1011114	Nut, M6-1.00 Hex .....	2
18	1011298	Anchor Piston .....	2
19	N/A	Adjustment Bolt .....	1
20	N/A	Anchor Body Component .....	1
21	1011303	Adjustment Bolt Cap .....	1
22	451	Lockwasher, 1/4 Split .....	2
23	1011494	Backing Plate, Left-Hand .....	1
24	101880701	Shoe Brake Manual Adj (Available in Kit, Non-Asbestos Brake Shoe) .....	2
25	N/A	Arm, Brake Lever .....	1
26	103334901	Spindle, Drum Asm Left .....	1
27	N/A	Asm, Hub, Drum Brake (includes items 28 through 32) .....	1
28	1011153	Front Hub .....	1
29	1013135	Seal, Double Lip .....	1
30	103477901	Lug Stud, 1/2-20 Unf, 4037 .....	4
31	7274	Bearing, Front Hub Wheel .....	2
32	7308	Race, Front Hub Bearing .....	2
33	7840	Nut, 3/4-16 Hex Slotted .....	1
34	7910	Pin, 5/32 X 1.00 Cotter .....	1

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# BRAKE CLUSTERS AND SPINDLES – PASSENGER SIDE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	5
1	101146302	Kit, Non-Asbestos Brake Shoe (includes item 2) .....	1
2	101880701	Shoe Brake Manual Adj (Available in Kit, Non-Asbestos Brake Shoe) .....	4
3	1011464	Package, Brake Spring (includes item 4) .....	1
4	1011314	Brake Spring .....	4
5	N/A	Asm, Spindle-hub-cluster, Rh (includes items 6 through 34) .....	2
6	1010005	Washer, 3/4 Flat .....	1
7	1013924	Nut, 5/16-24 Hex Head Cone .....	4
8	1014153	Bolt, Brake Cluster Mounting .....	4
9	1016573	Cluster, Brake, Passenger-Side (includes items 10 through 25) .....	1
10	1010850	Dust Cover .....	1
11	1011154	Backing Plate, Right-Hand .....	1
12	1011314	Brake Spring .....	2
13	1011465	Kit, Brake Actuator .....	1
14	1011466	Kit, Shoe Retainer (includes items 15 and 16) .....	1
15	1010953	Pin .....	2
16	1011301	Shoe Clamp Spring .....	2
17	1011467	Kit, Anchor Body (includes items 18 through 23) .....	1
18	1011114	Nut, M6-1.00 Hex .....	2
19	1011298	Anchor Piston .....	2
20	N/A	Adjustment Bolt .....	1
21	N/A	Anchor Body Component .....	1
22	1011303	Adjustment Bolt Cap .....	1
23	451	Lockwasher, 1/4 Split .....	2
24	101880701	Shoe Brake Manual Adj (Available in Kit, Non-Asbestos Brake Shoe) .....	2
25	N/A	Arm, Brake Lever .....	1
26	N/A	Asm, Hub, Drum Brake (includes items 27 through 31) .....	1
27	1011153	Front Hub .....	1
28	1013135	Seal, Double Lip .....	1
29	103477901	Lug Stud, 1/2-20 Unf, 4037 .....	4
30	7274	Bearing, Front Hub Wheel .....	2
31	7308	Race, Front Hub Bearing .....	2
32	103335301	Spindle, Drum Asm Right .....	1
33	7840	Nut, 3/4-16 Hex Slotted .....	1
34	7910	Pin, 5/32 X 1.00 Cotter .....	1

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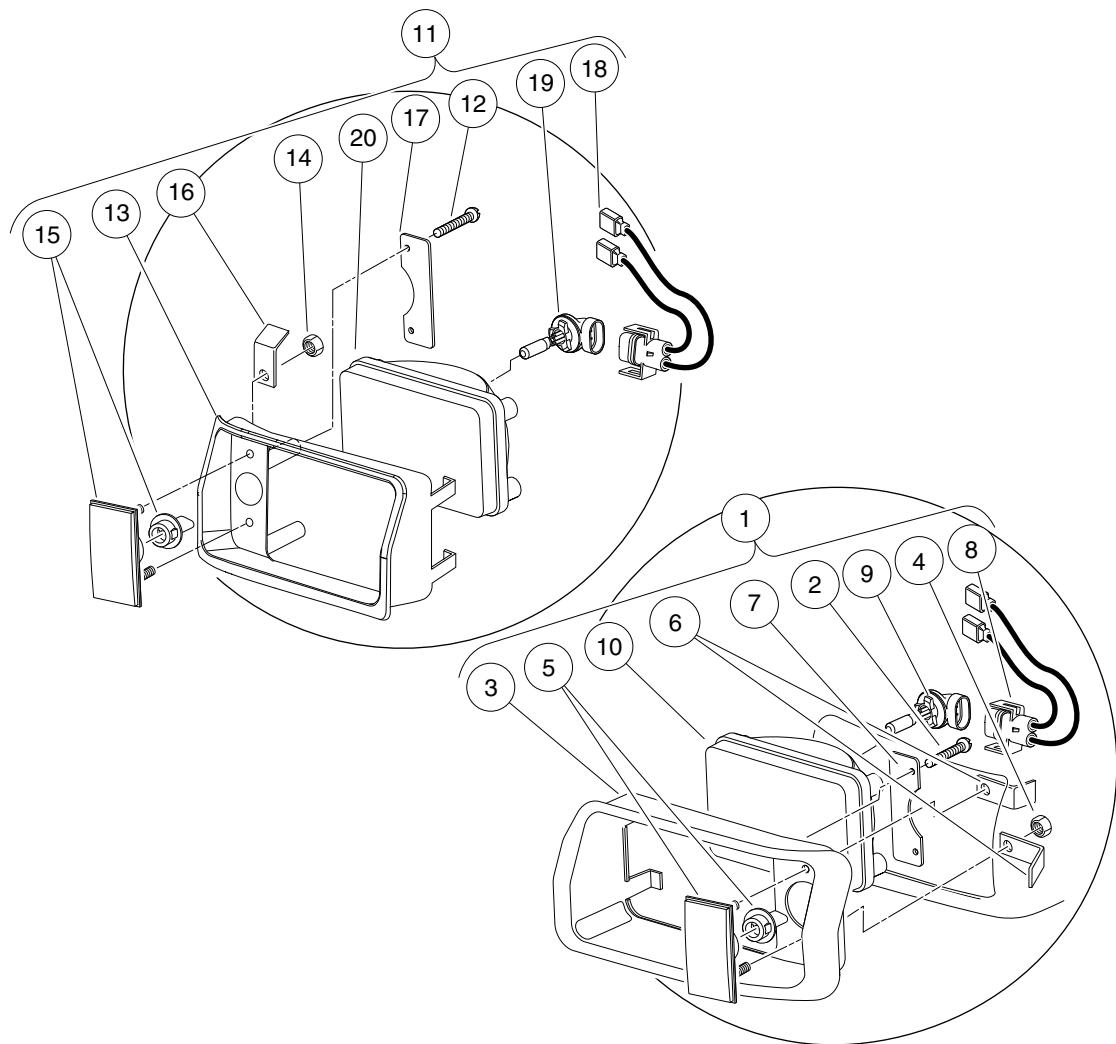
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# **ELECTRICAL SYSTEM – GASOLINE VEHICLE**

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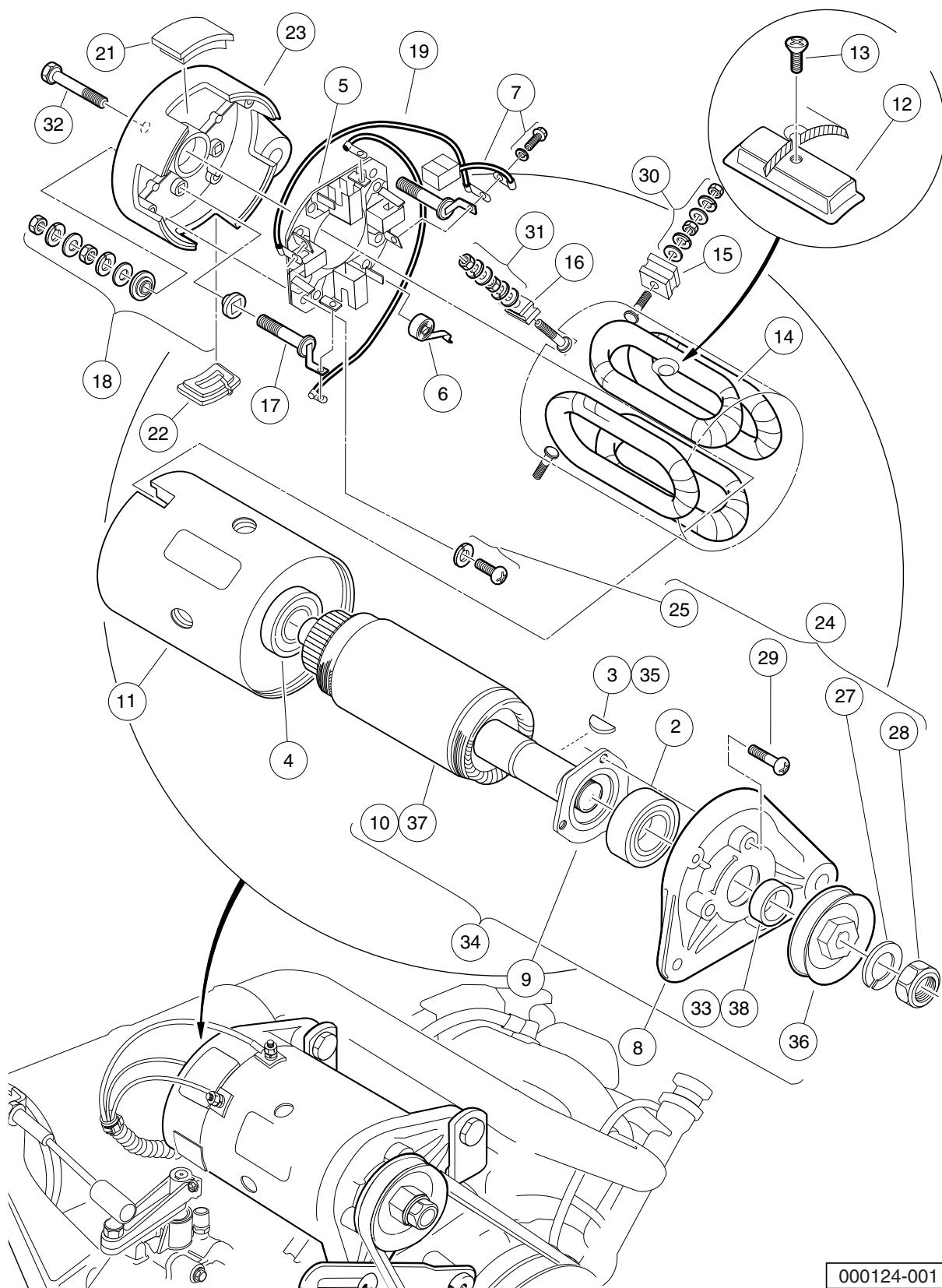
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# HEADLIGHTS

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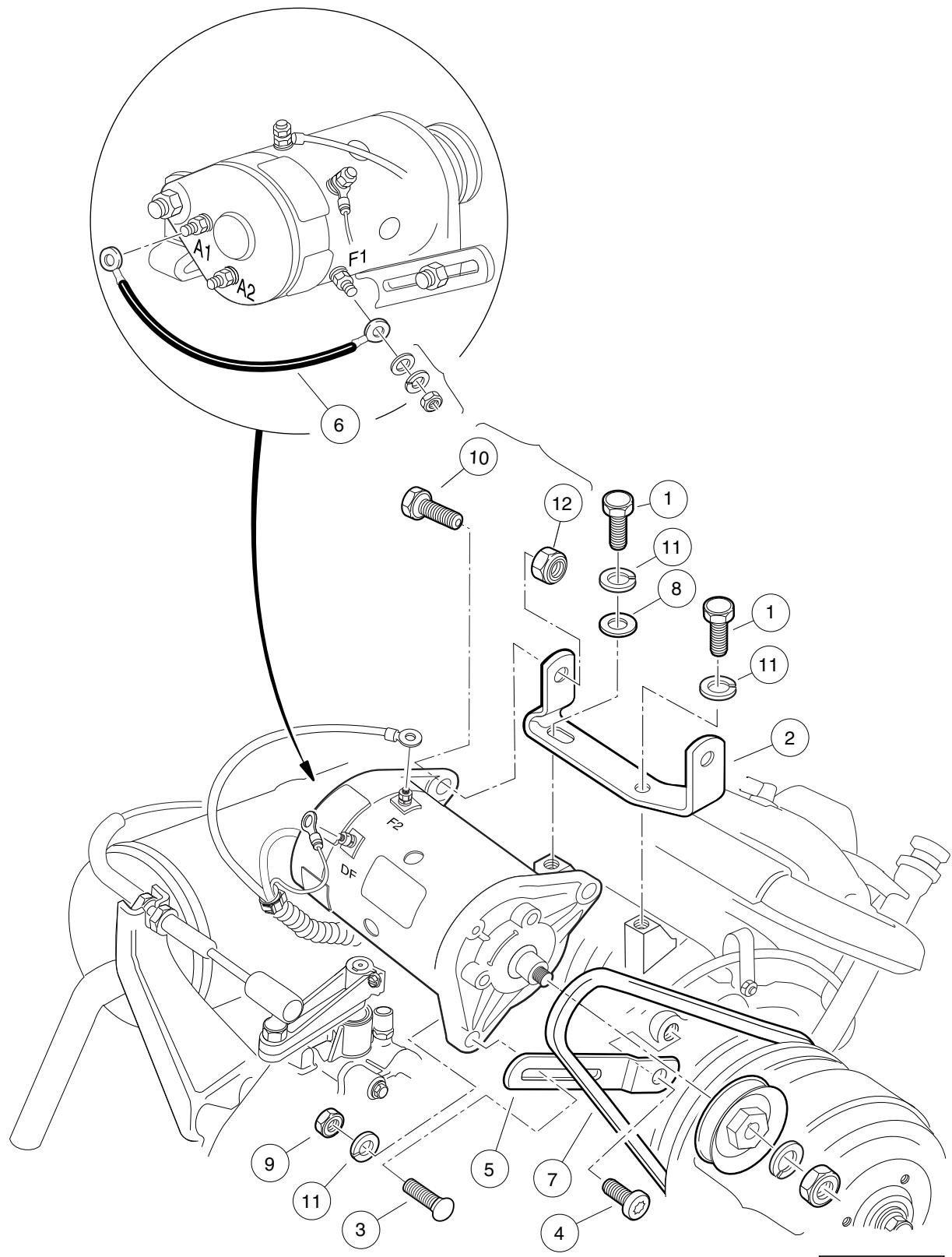
ITEM	PART NO.	DESCRIPTION	QTY
		<b>1 2 3 4</b>	
1	101988001	Headlight Assembly, Driver-Side Single Beam (includes items 2 through 10) .....	1
2	1013461	Screw, #10-16 Hex-Head Hi-Lo .....	2
3	1016880	Headlight Bezel, Left .....	1
4	1017	Nut, #10-24 Stainless-Steel Hex Machine .....	2
5	1017062	Turn Signal Lens Assy .....	1
6	1017064	Mounting Bracket .....	2
7	1017065	Retainer, Headlight .....	1
8	101987901	Connector Harness Assembly, Headlight .....	1
9	101988101	Bulb, Headlight .....	1
10	101988201	Lens, Headlight .....	1
11	101988002	Headlight Assy, Passenger-Side Single Beam (includes items 12 through 20) .....	1
12	1013461	Screw, #10-16 Hex-Head Hi-Lo .....	2
13	1016879	Headlight Bezel, Right .....	1
14	1017	Nut, #10-24 Stainless-Steel Hex Machine .....	2
15	1017062	Turn Signal Lens Assy .....	1
16	1017064	Mounting Bracket .....	2
17	1017065	Retainer, Headlight .....	1
18	101987901	Connector Harness Assembly, Headlight .....	1
19	101988101	Bulb, Headlight .....	1
20	101988201	Lens, Headlight .....	1

**6****G**

000124-001

**STARTER/GENERATOR ASSEMBLY  
MODEL G425419 – GASOLINE VEHICLES**

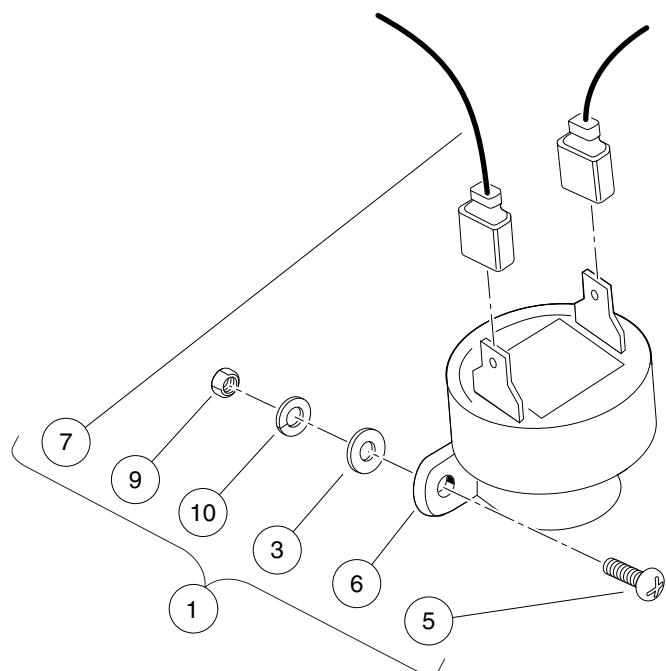
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	6
1	101833701	Starter/Generator (cw) (includes items 2 through 33)	1
2	1013001	Bearing, Output Shaft Ball	1
3	1013003	Key, Starter/Generator	1
4	1013005	Bearing, Ball	1
5	101301102	Brush Holder Assembly (cw) (includes item 6)	1
6	101878101	Brush Spring Set	4
7	101869302	Brush and Screw Set (cw)	1
8	101874901	Front Bracket	1
9	101875001	Retainer	1
10	101875101	Armature	1
11	101875201	Field Coil Housing	1
12	101875301	Pole Set	1
13	101875401	Screw Set	1
14	101875501	Field Stator Coil Assembly	1
15	101875601	F Insulator Set	2
16	101875701	DF Insulator	1
17	101875802	A Connector (cw)	1
18	101876001	Screw and Mold Assembly	2
19	101876202	Brush Connector Assembly (cw)	2
20	101876301	Cover Set (includes items 21 and 22)	1
21	1012991	Brush Inspection Port Cover	3
22	1017653	Brush Port Cover w/Drain	1
23	101876402	Rear Bracket (cw)	1
24	101876501	Nut and Screw Set (includes items 25 through 29)	1
25	101896501	Brush Holder Asm Screw	2
26	N/A	Washer, M5 Flat	1
27	N/A	Washer, M14 Lock	1
28	N/A	Nut, Hex, M14 x 2	1
29	N/A	Screw, M5 x 0.8 x 18mm	3
30	101877601	Nut and Washer Set	2
31	101877701	Nut and Washer Set	1
32	101879001	Through Bolt Set	2
33	101939901	Spacer	1
34	101875102	Armature Asm Conversion Kit (includes items 35 through 38)	1
35	1013003	Key, Starter/Generator	1
36	1014289	Pulley, Starter/Generator	1
37	101875101	Armature	1
38	101939901	Spacer	1
		Note: Item 36 will ONLY fit Model G425419 Starter/Generator.	

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000239-001

# FE350 STARTER/GENERATOR MOUNTING – GASOLINE VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	6
1	1012830	Screw, M8-125 X 22 Hex-Head .....	2
2	101524002	Bracket, Starter/Generator Mounting .....	1
3	1015932	Bolt, Carriage, 5/16-18 .....	1
4	1016074	Screw, M8-1.25 X 18mm Torx .....	1
5	1016883	Bracket, Starter/Generator Adjustment .....	1
6	101837301	Wire Assy, #6 Green .....	1
7	101916701	V-Belt .....	1
8	1241	Washer, 5/16 Type A Flat .....	1
9	1242	Nut, 5/16-18 Hex .....	1
10	705	Screw, Cap-hex Hd 3/8-16x1.25 .....	2
11	7174	Lockwasher, 5/16 Split .....	3
12	8754	Locknut, 3/8-16 Hex .....	2

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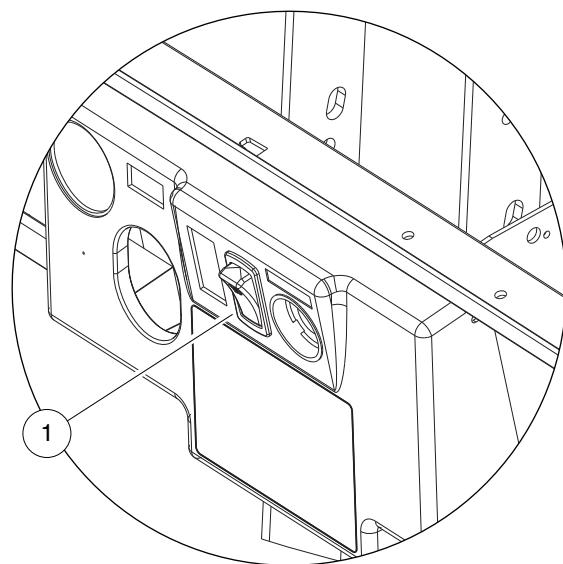
000741-003

# REVERSE BUZZER KIT

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1016859	Kit, Reverse Buzzer (includes items 2 through 10) .....	1
2	1011229	Locknut, #6-32 Whiz .....	1
3	1012431	Washer, #4 Flat .....	2
4	1015720	Screw, #6-32 X 1/2 Hex Washer-Head .....	1
5	1016849	Screw, #4-24 X 0.33 Pan-Head Machine .....	2
6	1016851	Buzzer, Reverse (9-48 VDC) .....	1
7	1016857	Wire Assembly Black #18 .....	1
8	8056	Screw, #4-40 X 0.75 Round-Head Machine .....	2
9	8057	Nut, #4-40 Hex Machine .....	2
10	8058	Lockwasher, #4 Split .....	2

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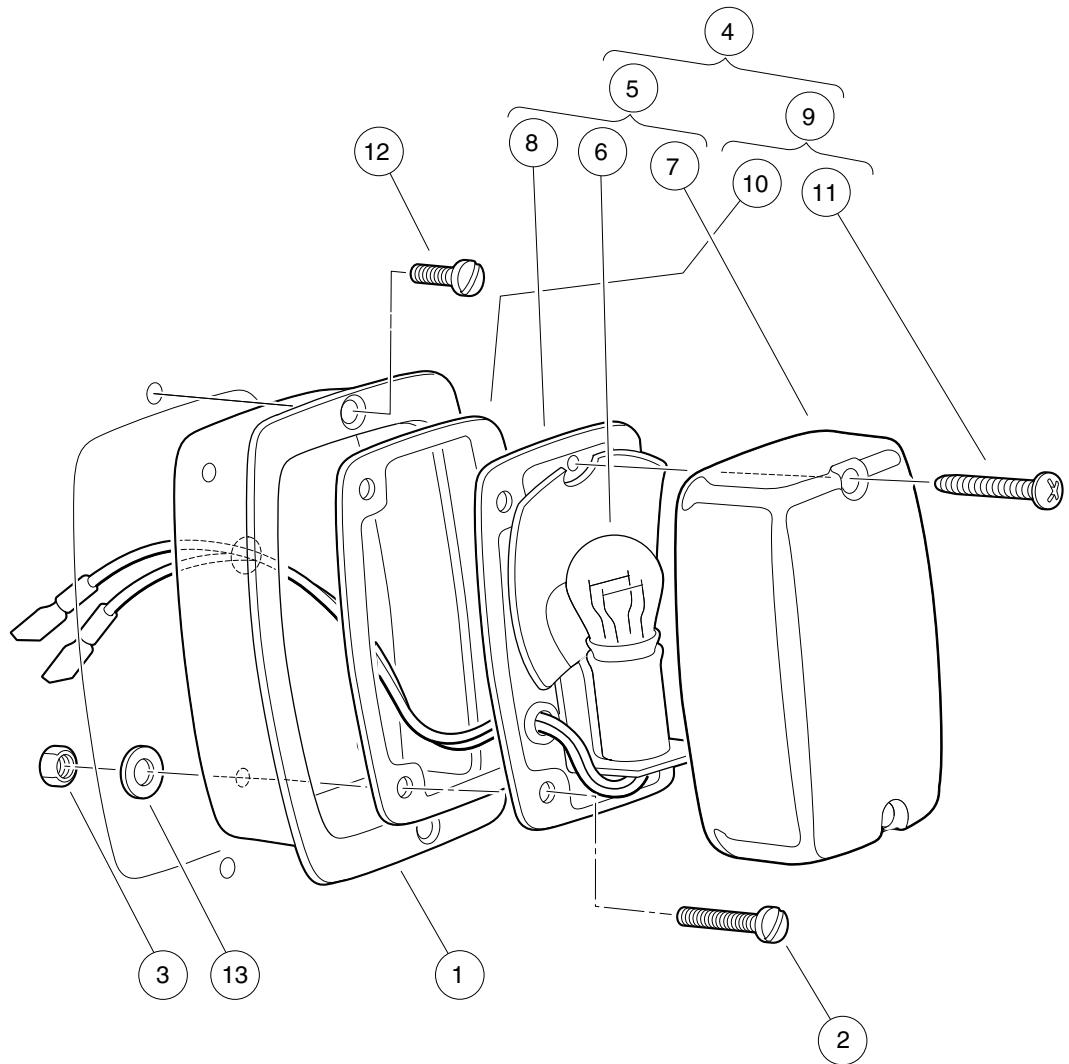
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000073-003

# HEADLIGHT SWITCH

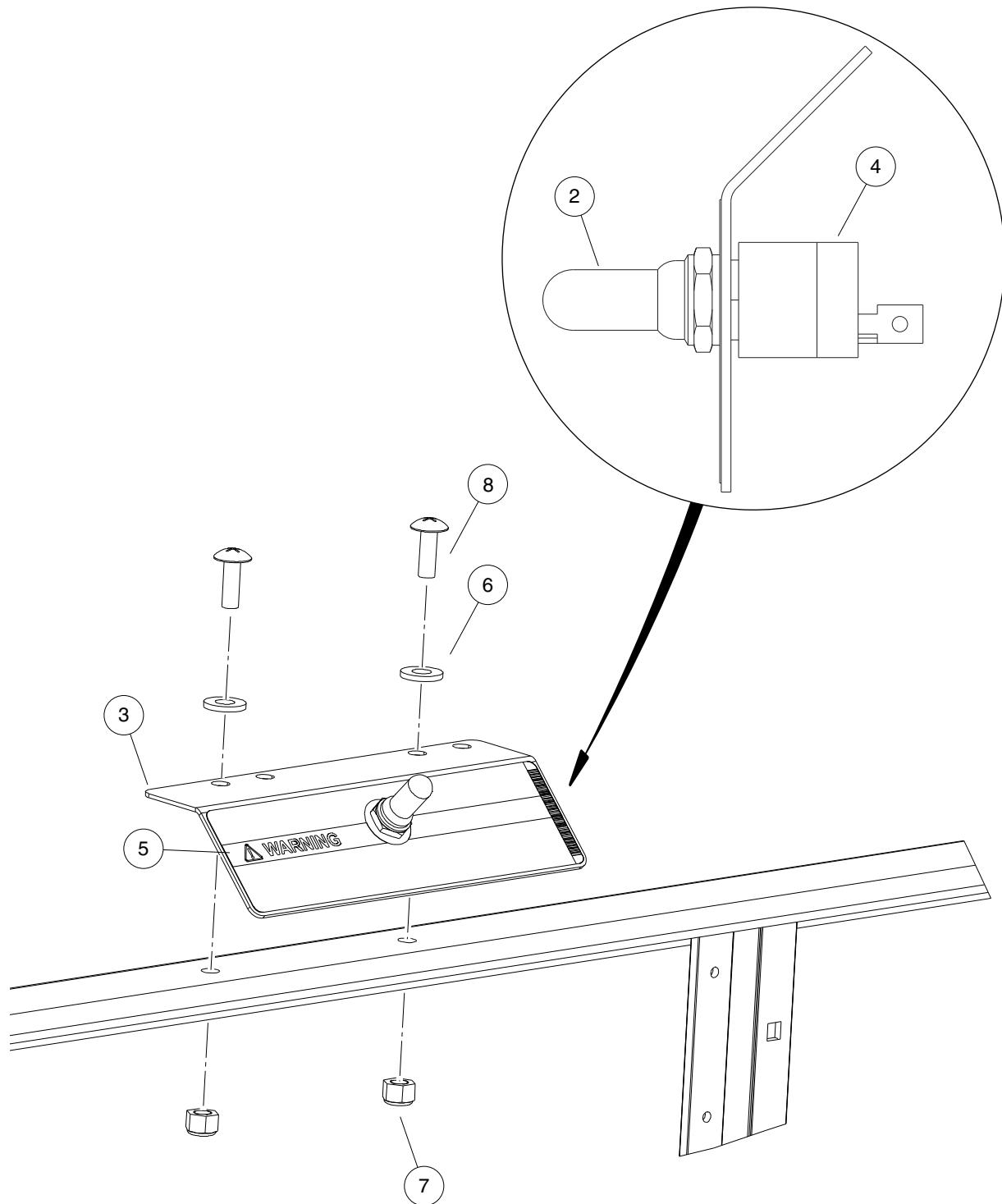
ITEM	PART NO.	DESCRIPTION	QTY	
1	102869401	1 2 3 4 Switch, Rocker, Light .....	1	<b>6</b> <b>G</b>

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000348-006

# TAIL LIGHTS

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	6
1	1011497	Bezel, Taillight .....	1
2	1011557	Screw, #6-32 X 1.00 Hex-Head Machine .....	1
3	1011558	Nut, #6-32 Hex .....	1
4	1017035	Taillight Assembly (includes items 5 through 9) .....	1
5	N/A	Light, Tail (includes items 6 through 8) .....	1
6	1011582	Taillight Bulb .....	1
7	1011843	Taillight Lens .....	1
8	N/A	Base, Taillight .....	1
9	1017699	Hardware Kit, Tail Light (includes items 10 and 11) .....	1
10	N/A	Gasket .....	1
11	N/A	Screw, Tapered .....	2
12	102915601	Plastic Rivet - Tuflock .....	1
13	7591	Washer, #6 Flat .....	1

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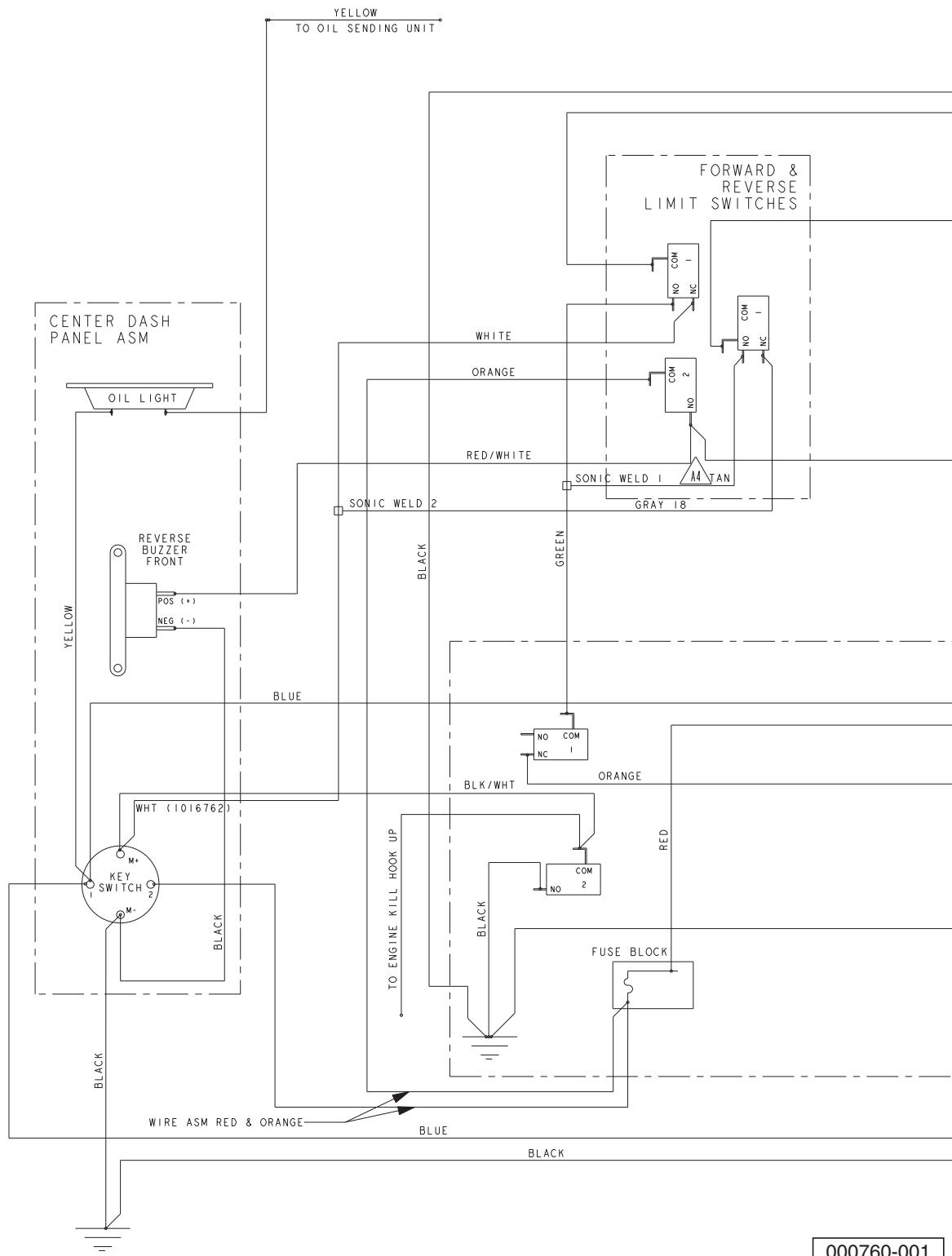
000755-001

## OPERATION AND MAINTENANCE SWITCH

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	N/A	Switch, Operation/Maintenance (includes items 2 through 5) .....	1
2	101908401	Boot, Switch .....	1
3	101922501	Bracket, Tow/Run Switch Mounting .....	1
4	103198401	Switch, Toggle, SPDT .....	1
5	103205501	Decal, Run/Service Switch .....	1
6	332	Washer, 1/4 Type A Narrow Flat .....	2
7	8233	Locknut, 1/4-20 Nylon Insert .....	2
8	8248	Screw, 1/4-20 X 0.75 Truss-Head Machine .....	2

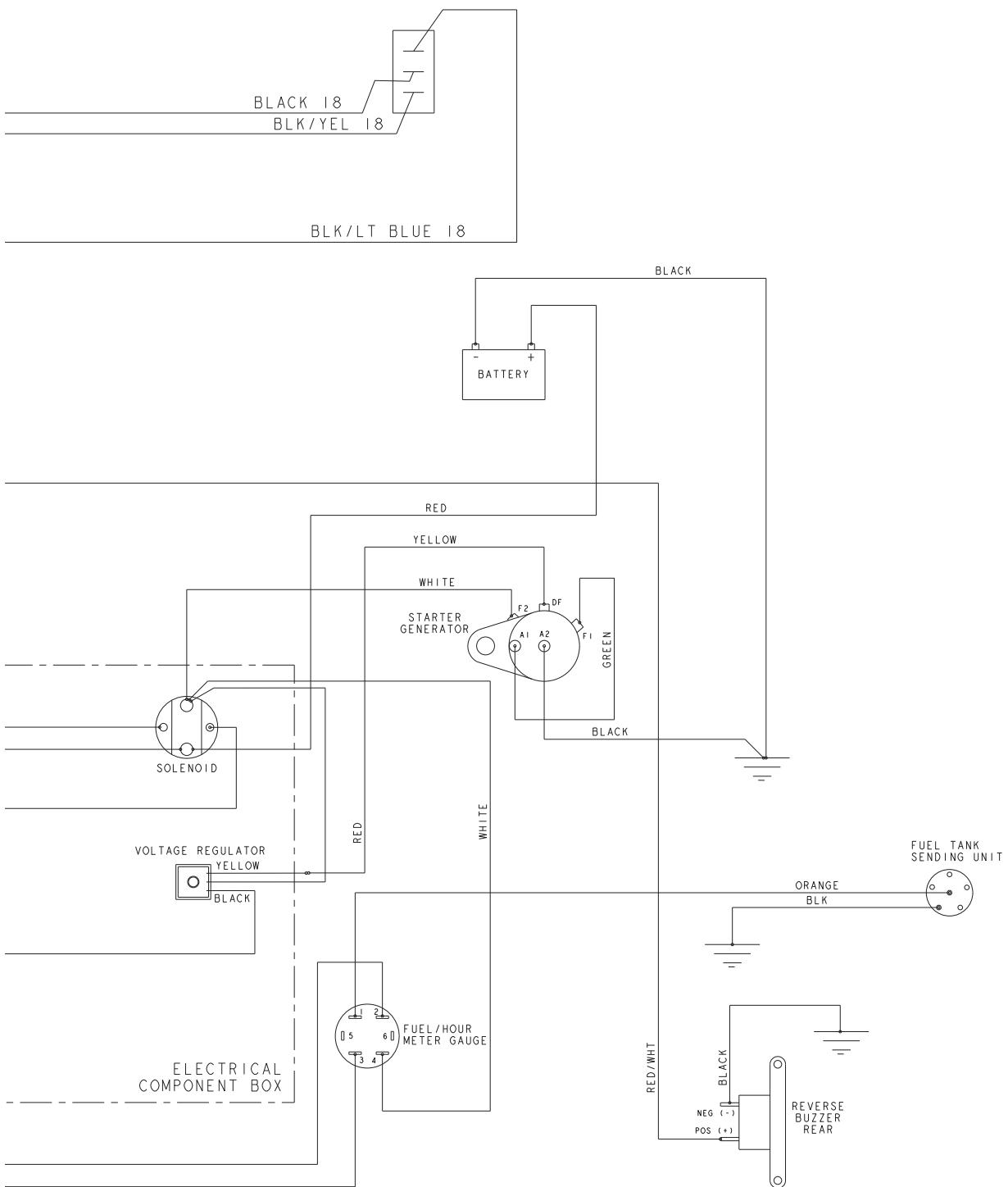
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000760-001

## MAINTENANCE/OPERATE TOGGLE SWITCH



000760-001

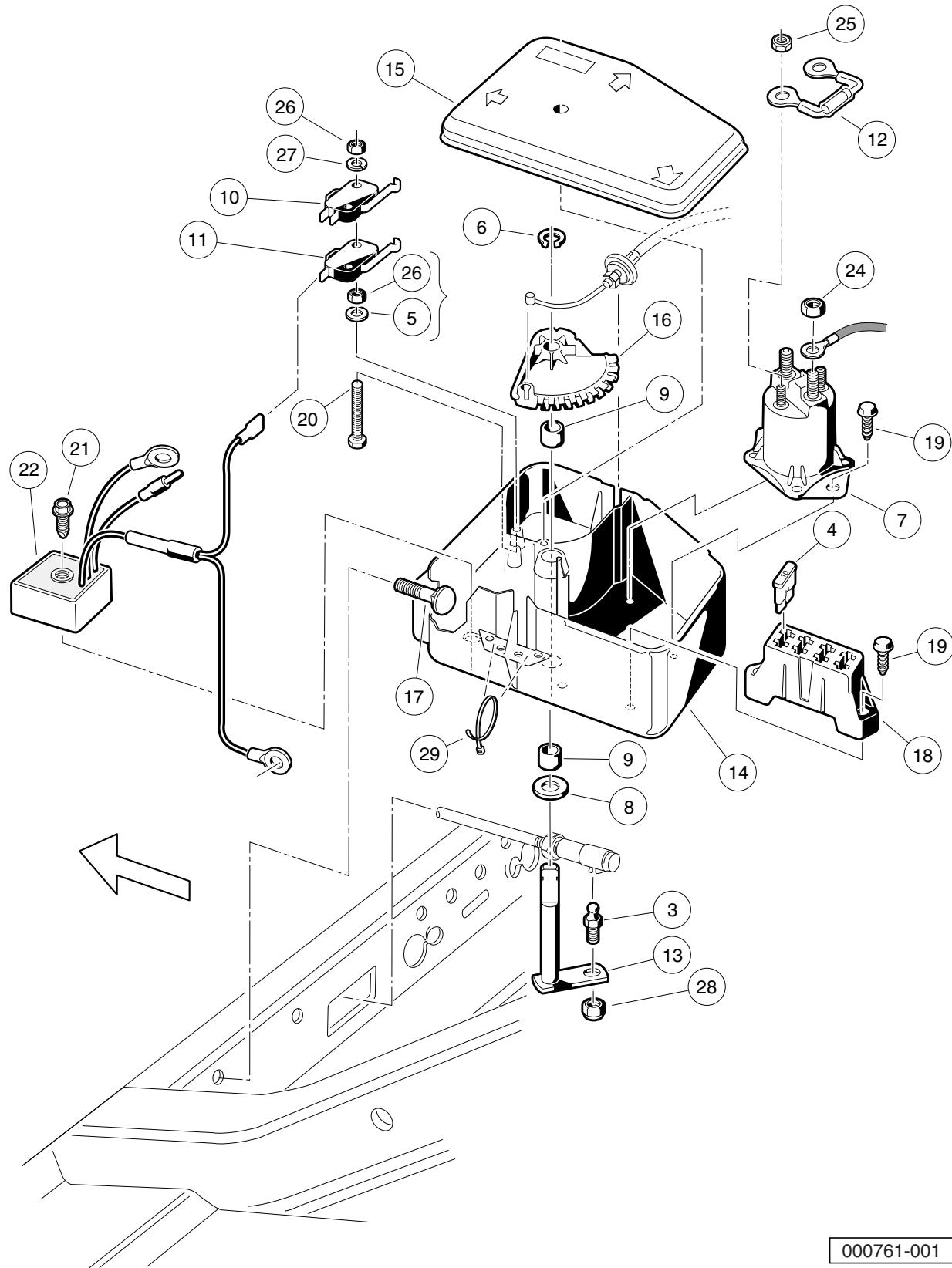
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See previous two pages for illustration.

# WIRE HARNESS – GASOLINE VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1012382	Wire Assy, #6 Black .....	1
2	1014119	Wire Assembly #6 Red .....	1
3	1015737	Wire Assy, #10 Red .....	1
4	1015920	Ground Wire Assembly .....	1
5	103222201	Asm, Wire Harness .....	1

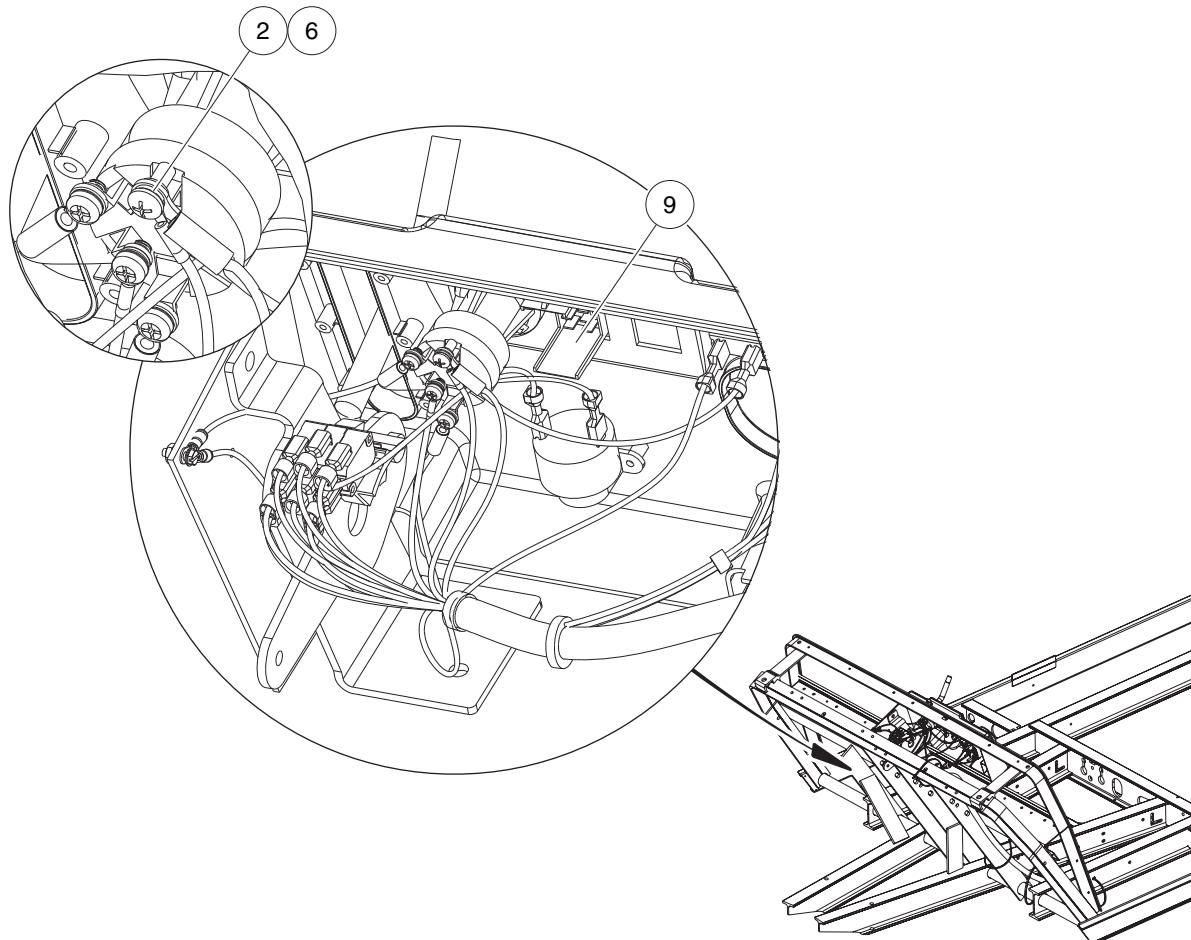
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000761-001

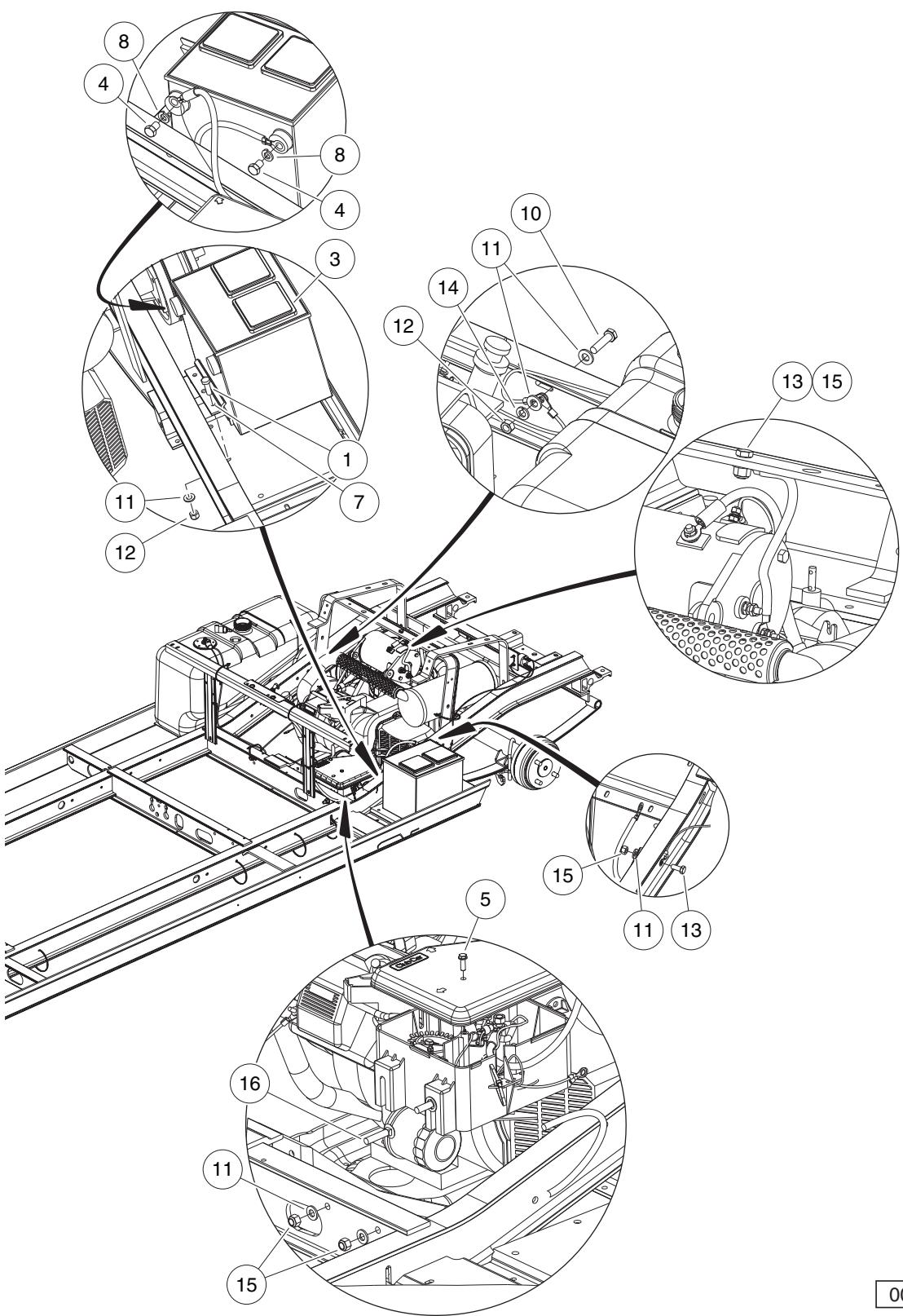
# ELECTRICAL COMPONENT BOX – GASOLINE VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	6
1	N/A	Instl, Elec Sys, Gas, Limo, Mb .....	1
2	N/A	Asm, Electrical Component Box (includes items 3 through 29) .....	1
3	1010954	Stud, 1/4-28 X 0.560 Ball .....	1
4	1012295	Fuse, 10-Amp .....	1
5	1012431	Washer, #4 Flat .....	2
6	1013589	Ring, 0.338" Internal Retaining .....	1
7	1013609	Solenoid, 12-Volt .....	1
8	1014065	Washer, 0.38" ID Delrin Flat .....	1
9	1014145	Bushing, Secondary Weight, Split .....	2
10	1014807	Switch, Limit .....	1
11	1014808	Switch, Limit .....	1
12	1014948	Diode .....	1
13	1015345	Bell Crank and Shaft Assembly .....	1
14	1015371	Box, Electrical Component .....	1
15	1015372	Cover, Electric Box .....	1
16	1015373	Cam, Electric Box .....	1
17	1015405	Bolt, Carriage, 5/16-18 X 2.0 .....	1
18	1015741	Fuse Block .....	1
19	1015752	Screw, #12-16 X 0.625 Hi-Lo .....	4
20	1015878	Screw, #4-40 Hex Head Machine .....	2
21	101856102	Screw, 1/4-15 X 1.50 Hi-lo Hex .....	1
22	102711201	Voltage Regulator .....	1
23	N/A	Washer, Nylon Retaining * .....	1
24	1242	Nut, 5/16-18 Hex .....	2
25	7893	Nut, #10-32 Hex .....	2
26	8057	Nut, #4-40 Hex Machine .....	4
27	8058	Lockwasher, #4 Split .....	2
28	8717	Locknut, 1/4-28 Nylon Insert .....	1
29	8990	Tie Wrap, 8" Nylon .....	2

\* Note: Not used. Item is for shipping purposes only.

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000762-001



000762-001

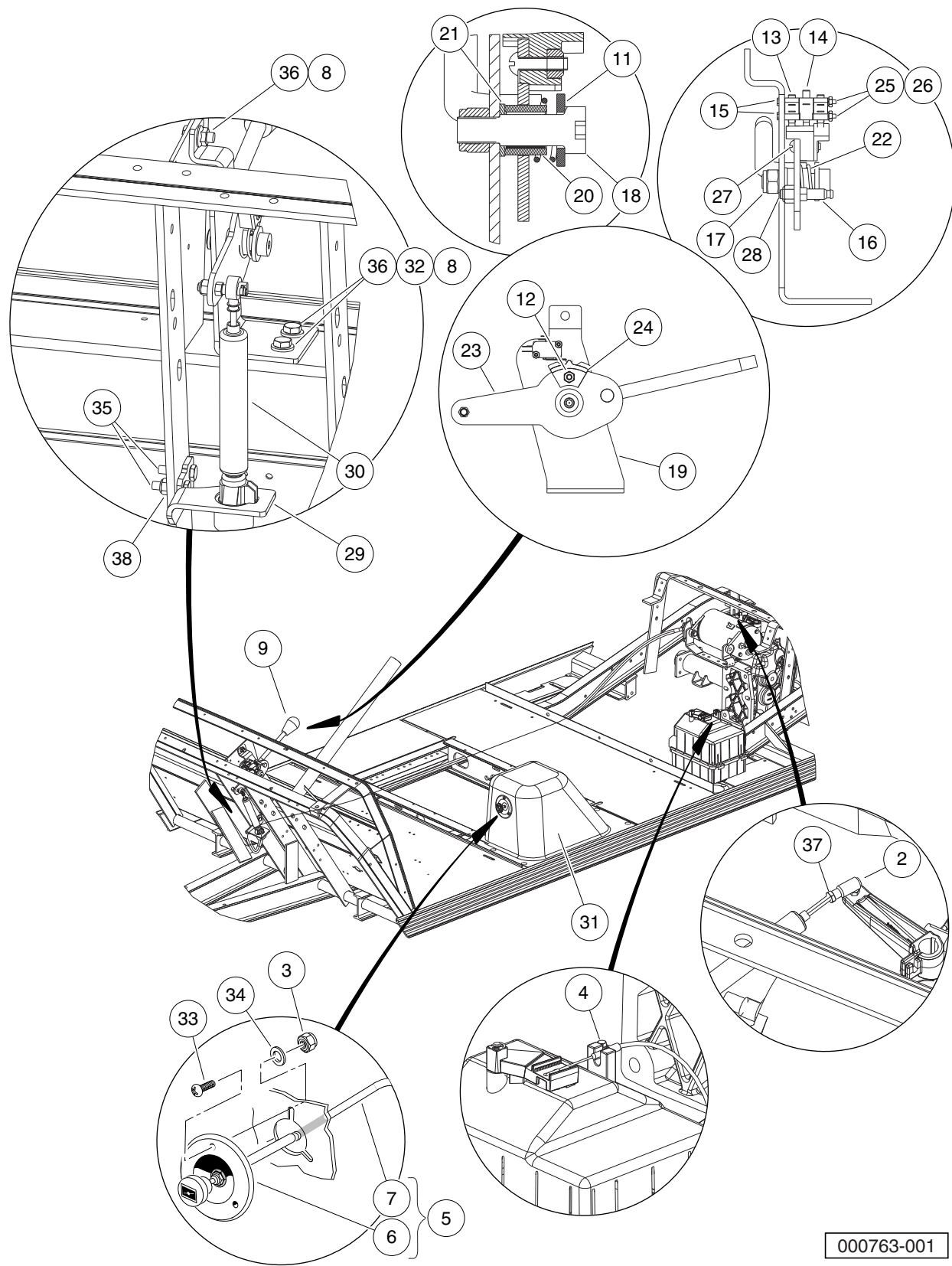
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See previous two pages for illustration.

# ELECTRICAL SYSTEM MISCELLANEOUS HARDWARE – GASOLINE VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	6
1	1010934	Screw, 5/16-18 X 1.00 Hex Cap .....	1
2	1011610	Lockwasher, #8 Split Ss .....	1
3	1012328	Battery, 12-Volt .....	1
4	1014375	Screw, 3/8-16 X 0.50 Stainless Steel Hex-Head .....	2
5	1015752	Screw, #12-16 X 0.625 Hi-Lo .....	1
6	1016092	Screw, #8-32 X .44 Pan Head .....	1
7	101898001	Clamp, Battery .....	1
8	102355301	Lockwasher, #10 Split Ss .....	2
9	103180101	Cover, Hole, Switch, Rocker .....	1
10	1218	Screw, 5/16-18 X 1.25 Hex-Head Cap .....	1
11	1241	Washer, 5/16 Type A Flat .....	7
12	1242	Nut, 5/16-18 Hex .....	1
13	7173	Screw, 5/16-18 X 0.75 Hex-Head Cap .....	2
14	7174	Lockwasher, 5/16 Split .....	1
15	7473	Locknut, 5/16-18 Nylon Insert .....	5
16	7818	Bolt, Carriage, 5/16-18 X 1.5 .....	1
17	8990	Tie Wrap, 8" Nylon .....	18

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000763-001

# CONTROLS AND CABLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	6
1	N/A	Instl, Controls/cable (includes items 2 through 39) .....	1
2	1012333	Joint, #10-32 Ball .....	1
3	1012438	Locknut, #10-24 Nylon Insert .....	3
4	101804301	Screw, #8 X 0.500, Hex-Head Hi-Lo .....	1
5	101926802	Cable, Choke (includes items 6 and 7) .....	1
6	101933701	Bezel, Choke Cable .....	1
7	N/A	Choke Cable without Bezel, Long .....	1
8	101963401	Locknut, 5/16-18 Hex Flange .....	3
9	102376001	Knob, Fnr .....	1
10	102969902	Asm, Shifter, Fnr, Limo (includes items 11 through 28) .....	1
11	1010028	Washer, 1/2 Type A Flat .....	1
12	1013061	Locknut, #10-32 Nylon Insert .....	1
13	1014807	Switch, Limit .....	2
14	1014808	Switch, Limit .....	1
15	1015878	Screw, #4-40 Hex Head Machine .....	2
16	102526201	Stud, Thread, 1/4-28 .....	1
17	102616701	Locknut, M10x1.5 Nylon Insert .....	1
18	102684602	Shoulder Bolt, M12 X 25.0 .....	1
19	102969401	Bracket, Shifter, FNR .....	1
20	103173301	Bushing, Greaseless, 12mm Id .....	1
21	103177401	Washer, Thrust, Shifter, FNR .....	1
22	103192701	Spring, Comp, .97 Od X.75 L .....	1
23	103192901	Weldment, Shift Lever, Fnr, Li .....	1
24	103369501	Cam, Limit Switch, Fnr Shifter .....	1
25	8057	Nut, #4-40 Hex Machine .....	2
26	8058	Lockwasher, #4 Split .....	2
27	8104	Screw, #10-32 X .75 Rd Hd Mach .....	1
28	8717	Locknut, 1/4-28 Nylon Insert .....	1
29	103295101	Brkt, Spt, Cable End, Fnr .....	1
30	103295203	Cable, Transmission, 2385mm .....	1
31	103350301	Cover, Air Intake, Gas .....	1
32	1241	Washer, 5/16 Type A Flat .....	2
33	1631	Screw, #10-24 X 0.75 Phillips Pan-Head .....	3
34	183	Washer, #10 Type A Flat .....	3
35	304	Screw, 1/4-20 X 1.0 Hex-Head Cap .....	2
36	7173	Screw, 5/16-18 X 0.75 Hex-Head Cap .....	3
37	7893	Nut, #10-32 Hex .....	1
38	8233	Locknut, 1/4-20 Nylon Insert .....	2
39	8990	Tie Wrap, 8" Nylon .....	2

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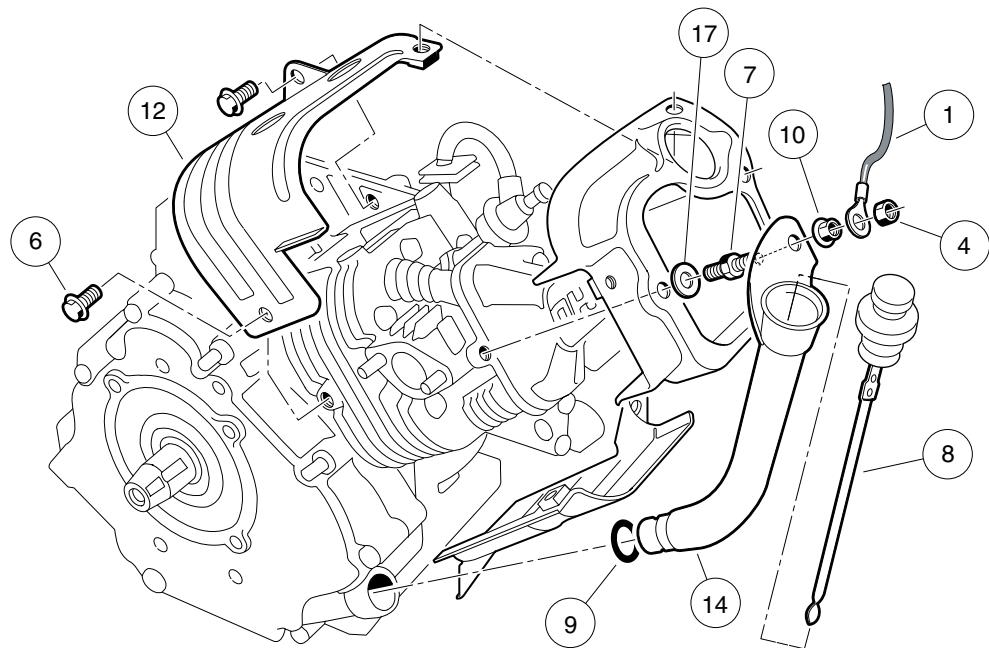
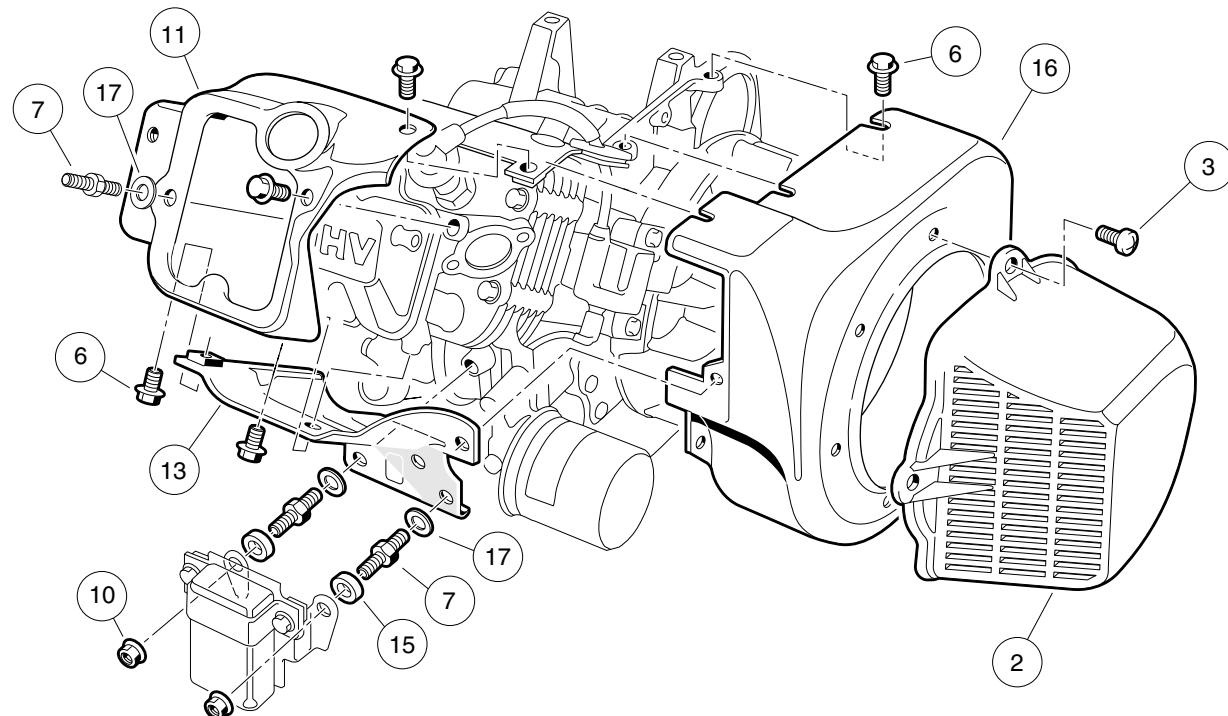
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# **FE350 ENGINE WITHOUT ACR**

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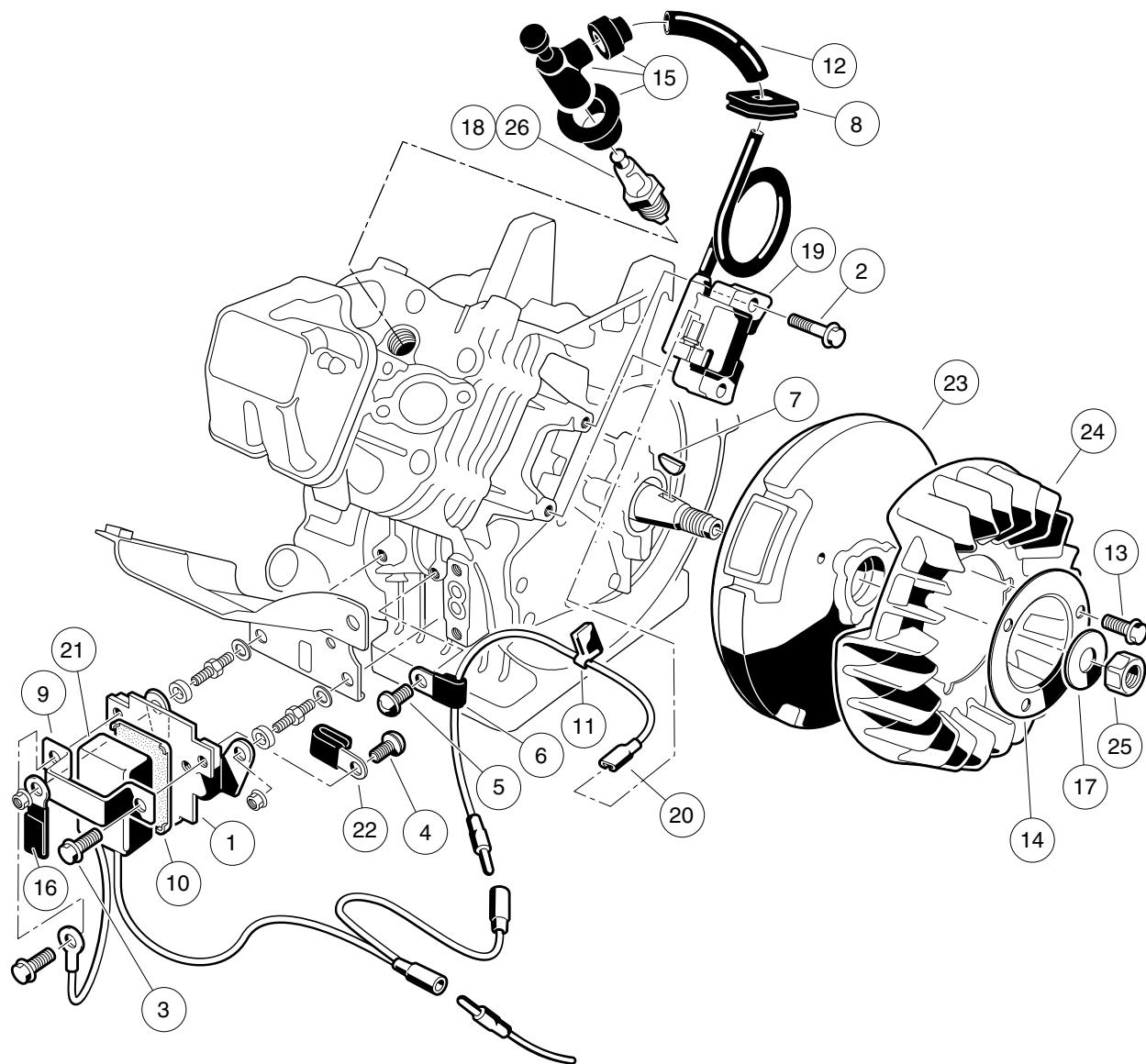
**7****G**

000201-001

# AS11 FE350 ENGINE WITHOUT ACR (AUTOMATIC COMPRESSION RELEASE) – SHROUDS AND BRACKETS

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	7
1	1015332	Wire Assembly, #10, Uninsulated .....	1
2	1015649	Shroud, Fan .....	1
3	1015969	Screw, M6-1.00 X 10mm Pan Hd .....	4
4	101887601	Locknut, M6-1.00 Nylon Insert .....	1
5	101953802	Engine, FE350 (cw) without ACR * (includes items 6 through 17) .....	1
6	1016456	Bolt, Flange Head, M6 x 1 x 12 mm .....	14
7	1016507	Bolt, Two-Ended .....	3
8	1016531	Dipstick .....	1
9	1016539	O-Ring .....	1
10	1016547	Nut, M6 Flange .....	3
11	1017474	Shroud, Engine .....	1
12	1017475	Shroud, Engine .....	1
13	1017476	Shroud, Engine .....	1
14	1017486	Tube, Oil Filler .....	1
15	1017500	Spacer 6.50 X 12 X 5.5 .....	2
16	101916101	Housing, FE350 Fan .....	1
17	N/A	Washer, 6mm Flat .....	3

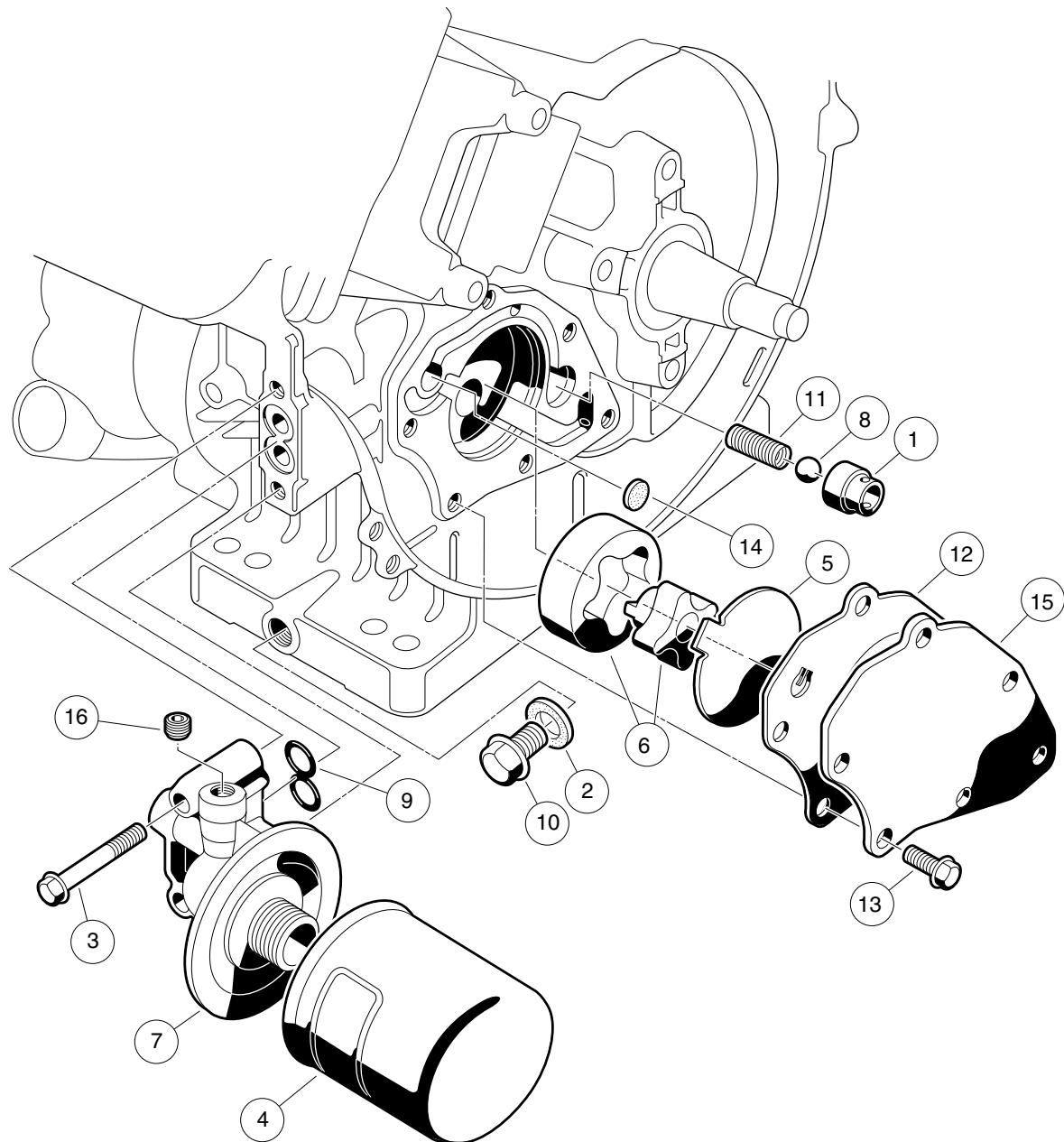
\* Note: FE350 engine component listings span several pages.



000202-001

# AS11 FE350 ENGINE – IGNITION COMPONENTS AND FLYWHEEL

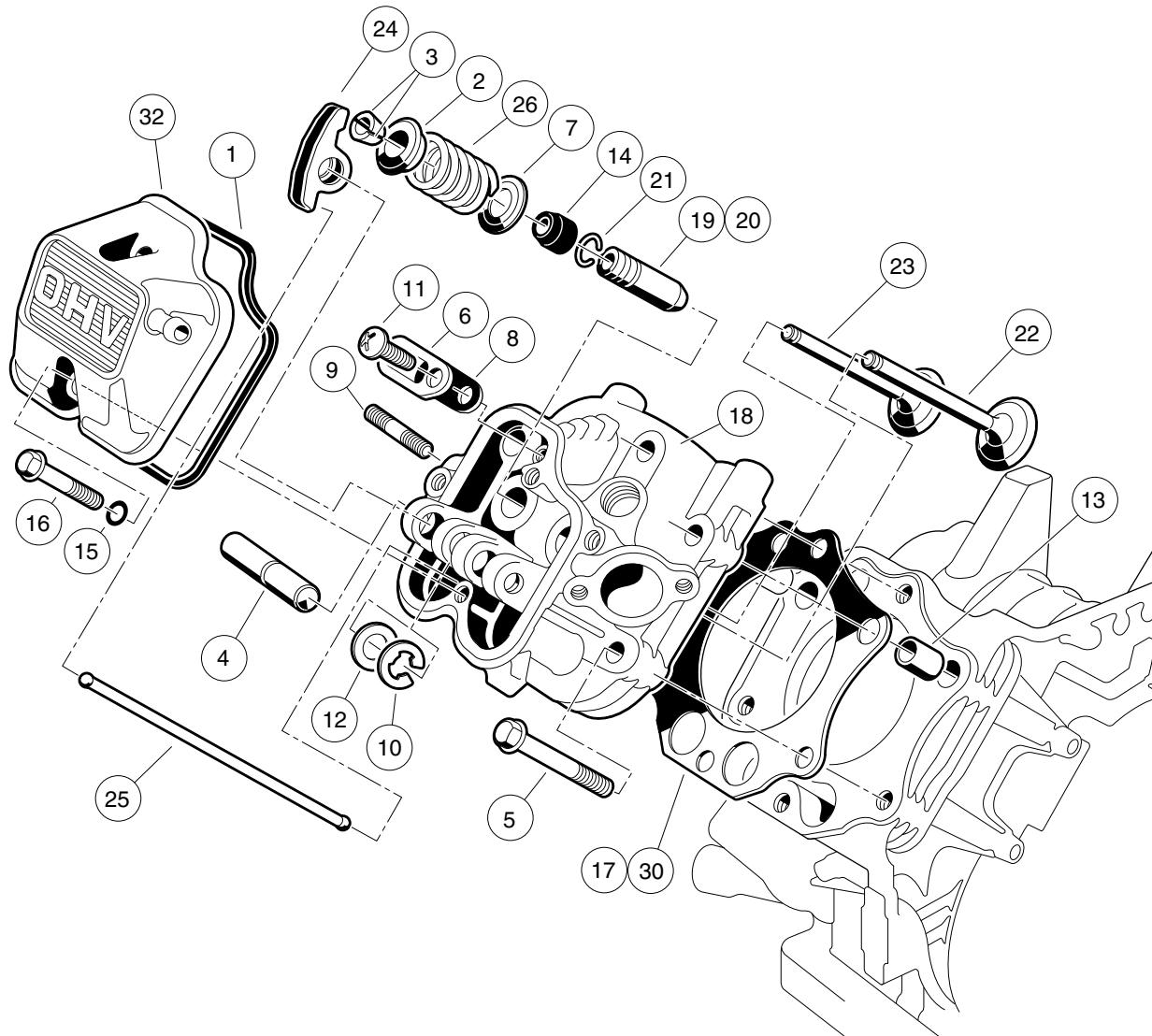
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	7
1	1016445	Bracket, RPM Limiter .....	1
2	1016455	Bolt, Flange Head .....	2
3	1016456	Bolt, Flange Head, M6 x 1 x 12 mm .....	2
4	1016497	Screw, Pan WP Cross .....	1
5	1016544	Screw .....	1
6	1016561	Clamp .....	1
7	1016562	Key .....	1
8	1016578	Ignition, Grommet .....	1
9	1016579	Band, RPM Limiter Mount .....	1
10	1016586	Damper, RPM Limiter .....	1
11	1016587	Clamp .....	1
12	1016588	Tube, 7mm X 10mm X 70mm .....	1
13	1017448	Bolt, Flanged .....	3
14	1017455	Plate, Flywheel Fan .....	1
15	1017463	Cap Asm Plug .....	1
16	1017468	Clamp .....	1
17	1017490	Washer, Flat .....	1
18	101881101	Spark Plug, OHV (Autolite) .....	1
19	101909201	Coil, Ignition .....	1
20	101909301	Lead Wire Assy .....	1
21	101909401	Limiter, RPM .....	1
22	101909501	Clamp, Steel .....	1
23	101916201	Flywheel .....	1
24	101916301	Fan (cw) .....	1
25	N/A	Nut, Hex, 18 mm Fine .....	1
26	AM10724	Spark Plug, OHV (NGK) .....	1



000203-001

# FE350 ENGINE – OIL CIRCULATION

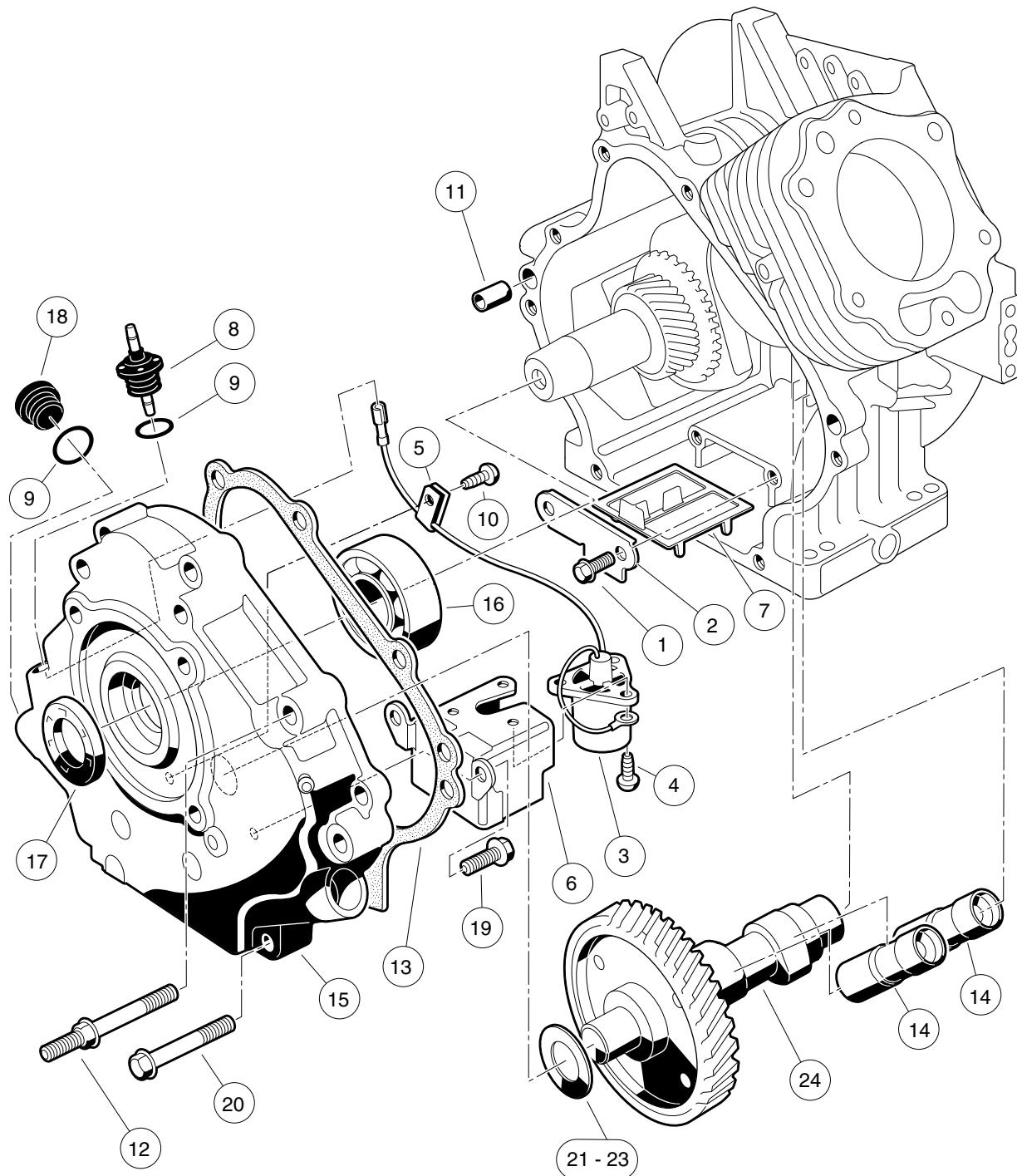
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	7
1	1016429	Seat, Valve Oil Press Relief .....	1
2	1016432	Gasket, Drain Plug .....	1
3	1016457	Bolt, Flange Head .....	2
4	1016467	Filter, Oil .....	1
5	1016473	Plate, Oil Pump .....	1
6	101648203	Oil Pump And Rotor .....	1
7	1016502	Bracket, Oil Filter Mount .....	1
8	1016537	Ball, Steel, Press, Relief .....	1
9	1016570	O-Ring .....	1
10	1016576	Plug, Drain .....	1
11	1016581	Spring .....	1
12	1017442	Gasket .....	1
13	1017456	Bolt, Flanged .....	6
14	1017458	Filter .....	1
15	1017460	Cover, Pump .....	1
16	1017507	Plug .....	2



000204-001

# AS11 FE350 ENGINE – CYLINDER HEAD

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	7
1	1016436	Gasket, Rocker Case .....	1
2	1016449	Retainer, Valve Spring .....	2
3	1016450	Collet .....	4
4	1016452	Shaft, Rocker .....	1
5	1016458	Bolt, Flange Head, M8 x 1.25 x 45 mm .....	6
6	1016474	Plate .....	1
7	1016479	Seat, Spring .....	2
8	1016483	Valve .....	1
9	1016489	Stud, Two-Ended, M8-1.25 .....	2
10	1016517	Circlip, Type-E .....	1
11	1016544	Screw .....	1
12	1016549	Washer, 12.1x19x1.8 .....	1
13	1016563	Pin .....	2
14	1016566	Seal, Oil .....	2
15	1016569	O-Ring .....	2
16	1016583	Bolt, 6x35 .....	2
17	1017434	Gasket, Head .....	1
18	1017435	Assembly, Cylinder Head, FE350 (includes items 19 through 21) .....	1
19	1016518	Guide, Valve, Exhaust .....	1
20	1016519	Guide, Valve .....	1
21	1016560	Snap Ring .....	2
22	1017444	Valve, Intake .....	1
23	1017445	Valve, Exhaust .....	1
24	1017446	Arm, Rocker .....	2
25	1017454	Rod, Push .....	2
26	1017473	Spring, Engine Valve .....	2
27	102304801	Kit, Gasket, FE350 (includes items 28 through 31) .....	1
28	1016440	Gasket, Engine to Insulator .....	1
29	1016904	Gasket, Exhaust .....	1
30	1017434	Gasket, Head .....	1
31	1017443	Gasket, Crankcase Cover .....	1
32	102753401	Case, Rocker .....	1
		Note: Item 28 is not a component of the FE350 engine.	G

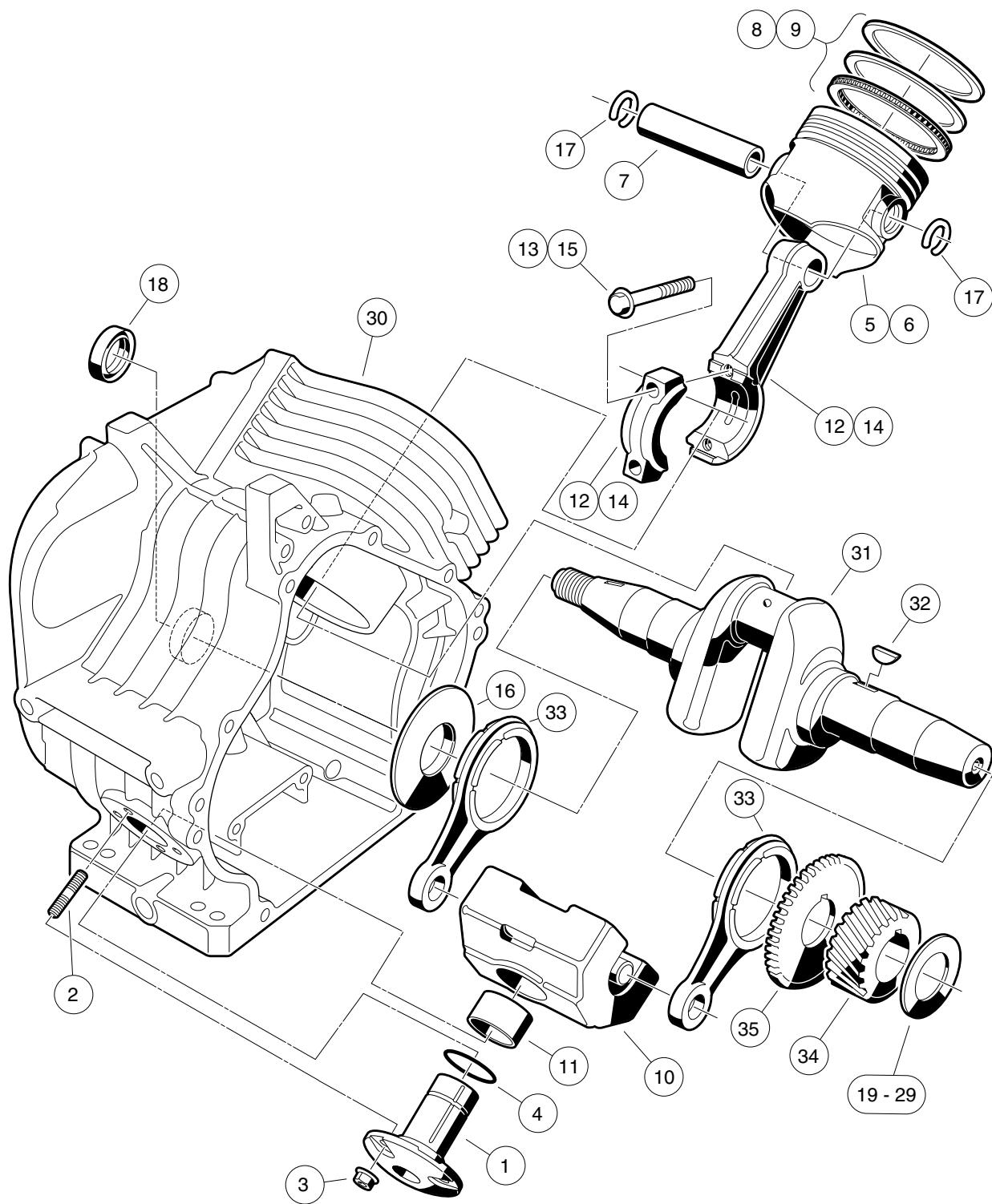


000205-002

# AS11 FE350 ENGINE WITHOUT ACR – CRANKCASE, CAMSHAFT, AND OIL SENSOR

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	7
1	1016454	Bolt, Flange Head, M5 x 0.8 x 8 mm .....	2
2	1016472	Plate, Oil Filter Screen .....	1
3	1016494	Sensor, Oil Level .....	1
4	1016496	Screw, Cross Pan-Head, M4 x 0.7 x 8 mm .....	3
5	1016506	Clamp .....	1
6	1016510	Bracket, Switch, Oil Level .....	1
7	1016521	Screen, Oil Filter .....	1
8	1016535	Connector, Cord .....	1
9	1016538	O-Ring .....	2
10	1016544	Screw .....	1
11	1016564	Pin .....	2
12	1016584	Bolt, Two-Ended, M8 x 1.25 x 69 mm .....	2
13	1017443	Gasket, Crankcase Cover .....	1
14	1017447	Adjuster, Lash .....	2
15	1017472	Cover Crankcase .....	1
16	1017487	Bearing, Ball .....	1
17	1017504	Seal, Oil .....	1
18	1017508	Plug .....	1
19	1017513	Bolt Switch Bracket .....	2
20	1017514	Screw, M8-1.25 X 45mm Hex .....	6
21	101751801	Shim, 0.3 .....	1
22	101751802	Shim, 0.4 .....	1
23	101751803	Shim, 0.5 .....	1
24	102431001	Camshaft, FE350 without ACR, 44-Tooth .....	1

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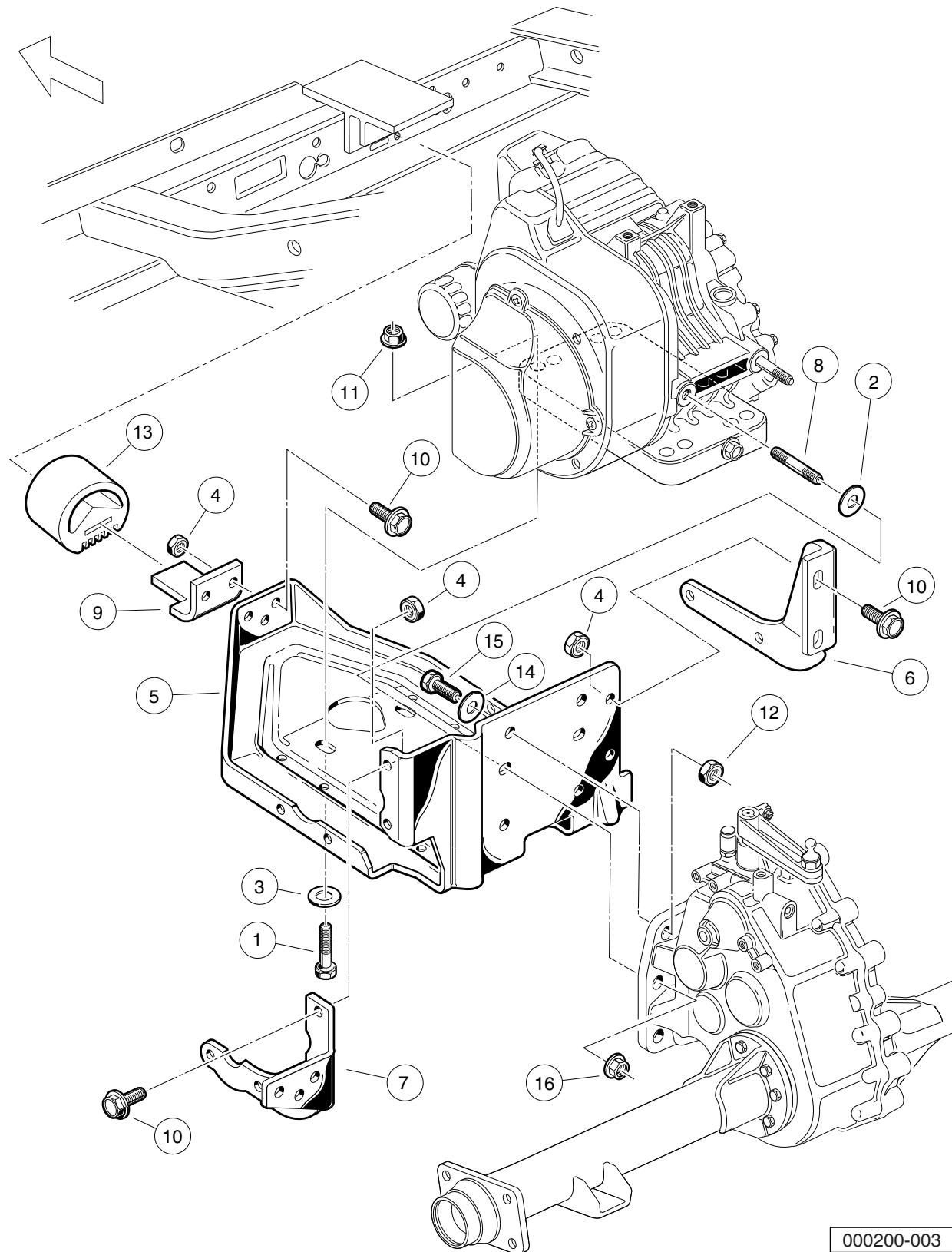


000206-001

# AS11 FE350 ENGINE – CRANKCASE AND CRANKSHAFT

ITEM	PART NO.	DESCRIPTION	QTY
		<b>1 2 3 4</b>	
1	1016470	Shaft, Guide, Counterbalance .....	1
2	1016541	Stud, 6x14 .....	4
3	1016547	Nut, M6 Flange .....	4
4	1016571	O-Ring .....	1
5	101744901	Piston, Standard .....	1
6	101744902	Piston, 0.50 mm Oversize .....	1
7	1017450	Pin, Piston .....	1
8	101745101	Ring Set, Standard Piston .....	1
9	101745102	Ring Set, Piston, 0.50 mm Oversize .....	1
10	1017453	Fe400 Counterbalance Weight (includes item 11) .....	1
11	1017510	Bearing, Plain .....	1
12	101745701	Asm, Con. Rod Std (includes item 13) .....	1
13	1017512	Bolt .....	2
14	101745702	Rod Assembly Connecting Rod 0.5mm (includes item 15) .....	1
15	1017512	Bolt .....	2
16	1017501	Spacer .....	1
17	1017502	Snap Ring .....	2
18	1017503	Seal, Oil .....	1
19	101773301	Shim, Crankshaft, 1.18mm .....	1
20	101773302	Shim, Crankshaft, 1.25mm .....	1
21	101773303	Shim, Crankshaft, 1.32mm .....	1
22	101773304	Shim, Crankshaft, 1.39mm .....	1
23	101773305	Shim, Crankshaft, 1.46mm .....	1
24	101773306	Shim, Crankshaft, 1.53mm .....	1
25	101773307	Shim, Crankshaft, 1.60mm .....	1
26	101773308	Shim, Crankshaft, 1.67mm .....	1
27	101773309	Shim, Crankshaft, 1.74mm .....	1
28	101773310	Shim, Crankshaft, 1.11mm .....	1
29	101773311	Shim, Crankshaft, 1.81mm .....	1
30	101916001	Crankcase Complete, FE350 (cw) .....	1
31	102430901	Crankshaft, FE350 Left-Hand, 22-Tooth (includes items 32 through 35) .....	1
32	1016562	Key .....	1
33	1017471	Rod .....	2
34	N/A	Gear, Helical .....	1
35	N/A	Gear, Spur .....	1

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000200-003

# FE350 ENGINE MOUNTING

ITEM	PART NO.	DESCRIPTION	QTY
		<b>1 2 3 4</b>	
1	1010577	Bolt, Hex-Head, 5/16-18 X 1.50 .....	4
2	1011697	Washer, 5/16 Flat .....	2
3	1012571	Washer, 5/16 Extra Thick Flat .....	4
4	1013924	Nut, 5/16-24 Hex Head Cone .....	10
5	101827101	Plate, Engine Mounting .....	1
6	101832601	Stiffener (PTO Side) .....	1
7	101832701	Stiffener (Flywheel Side) .....	1
8	101833101	Stud, M8-1.25 X 50 mm Two-Ended .....	2
9	101834601	Snubber Bracket .....	1
10	101884801	Screw, 5/16-24 X 0.875 Grade-8 .....	10
11	101963401	Locknut, 5/16-18 Hex Flange .....	4
12	102065901	Locknut, 3/8-16 Flanged Dimple .....	4
13	102540301	Inner Frame Snubber .....	1
14	334	Washer, 3/8 Type A Flat .....	4
15	705	Screw, Cap-hex Hd 3/8-16x1.25 .....	4
16	96704416	Nut Flg, M8 X 1.25 Serrated .....	2

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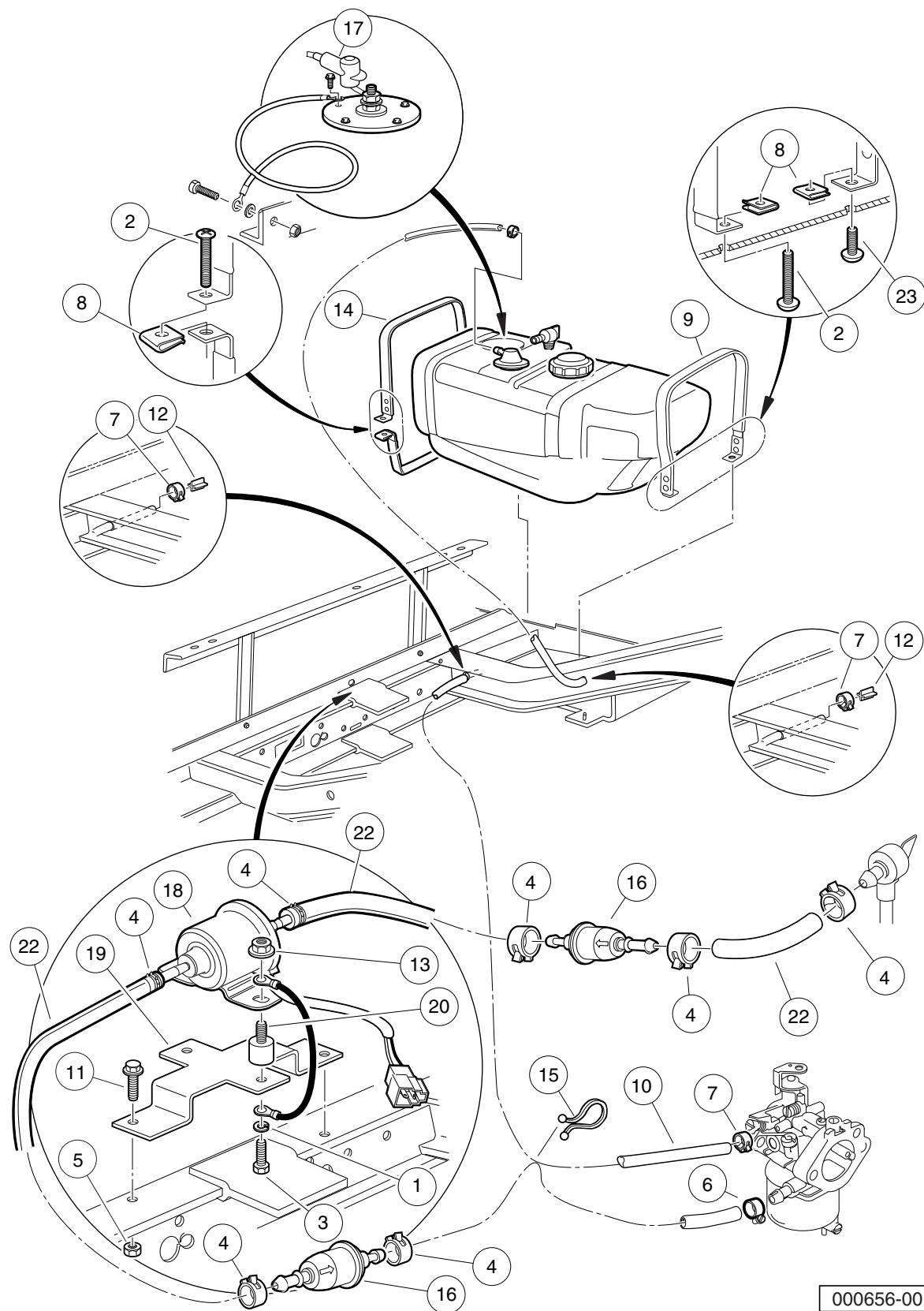
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# **FUEL, INTAKE, AND GOVERNOR SYSTEM**

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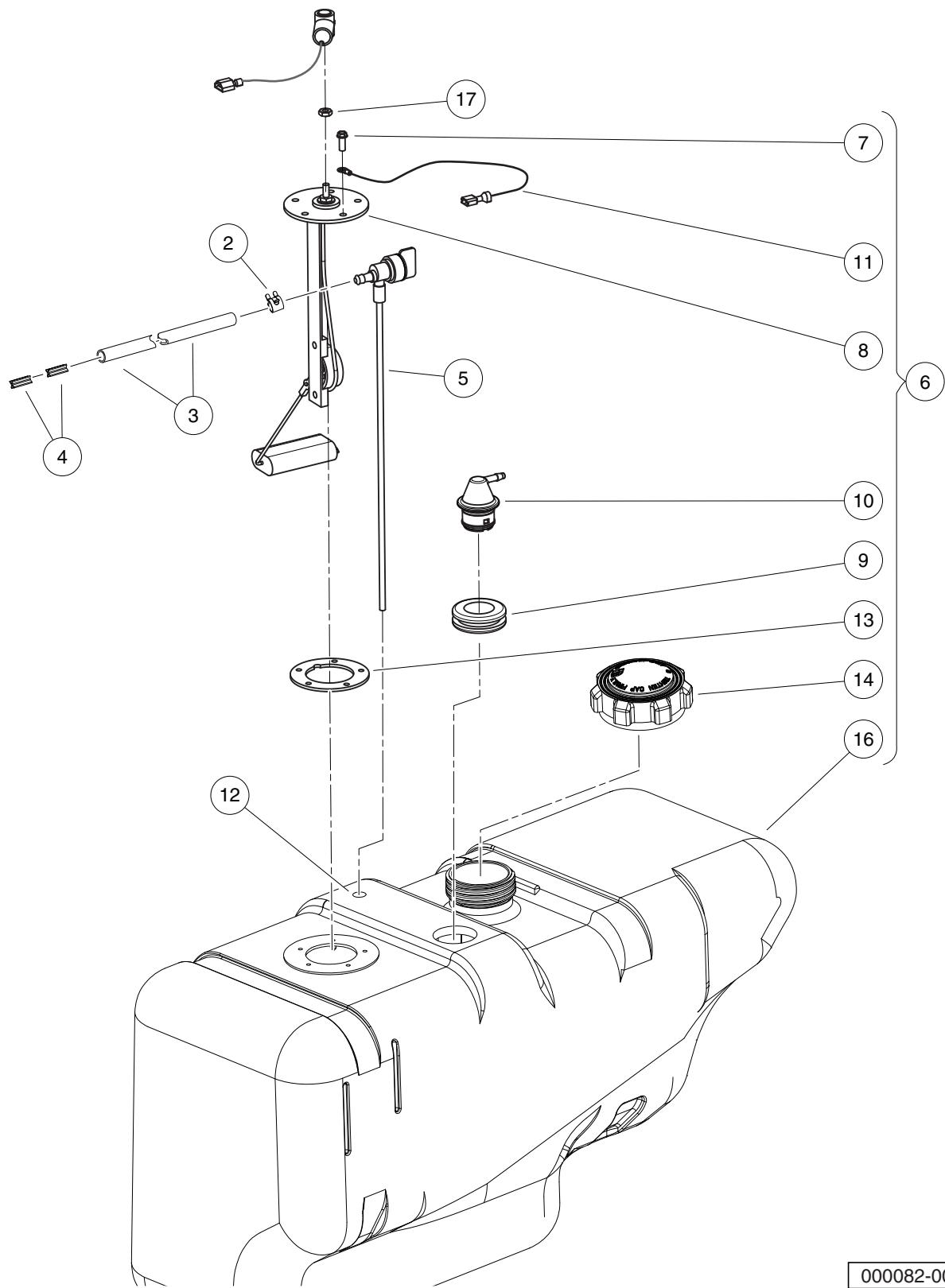
000656-001

# FUEL SYSTEM WITH ELECTRIC FUEL PUMP

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1011965	Lockwasher, 1/4 Split Ss .....	2
2	1011988	Screw, 1/4-20 X 2.00 Phillips Truss-Head .....	2
3	1012124	Screw, 1/4-20 X .50 Hex Hd Cap .....	2
4	1012649	Clamp, 0.460 Red Hose .....	7
5	1013061	Locknut, #10-32 Nylon Insert .....	2
6	1013687	Clamp, 3/8" Hose (screw type) .....	1
7	1013746	Clamp, 0.301 ID Hose .....	2
8	1014116	Nut, 1/4-20 Speed .....	3
9	1014928	Fuel Strap Assembly Rear .....	1
10	1015137	Fuel Line (available by the foot) .....	1
11	1017082	Screw, #10-32 X 0.75, Hex-Head Machine .....	2
12	101824401	Vent Barb .....	1
13	101835601	Locknut, 1/4-20 Hex Whiz .....	2
14	101955301	Fuel Strap Assy, Front .....	1
15	101987701	Clamp, Plastic Tie .....	1
16	102003201	Filter, Fuel, 30 Micron .....	2
17	N/A	Boot Terminal, Insul .....	1
18	102225101	Electric Fuel Pump .....	1
19	102227101	Fuel Pump Bracket .....	1
20	102227501	Sandwich Mount .....	2
21	N/A	Fuel System Harness .....	1
22	102865101	Fuel Line .....	1
23	8248	Screw, 1/4-20 X 0.75 Truss-Head Machine .....	1
		Note: Item 21 not shown.	

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000082-003

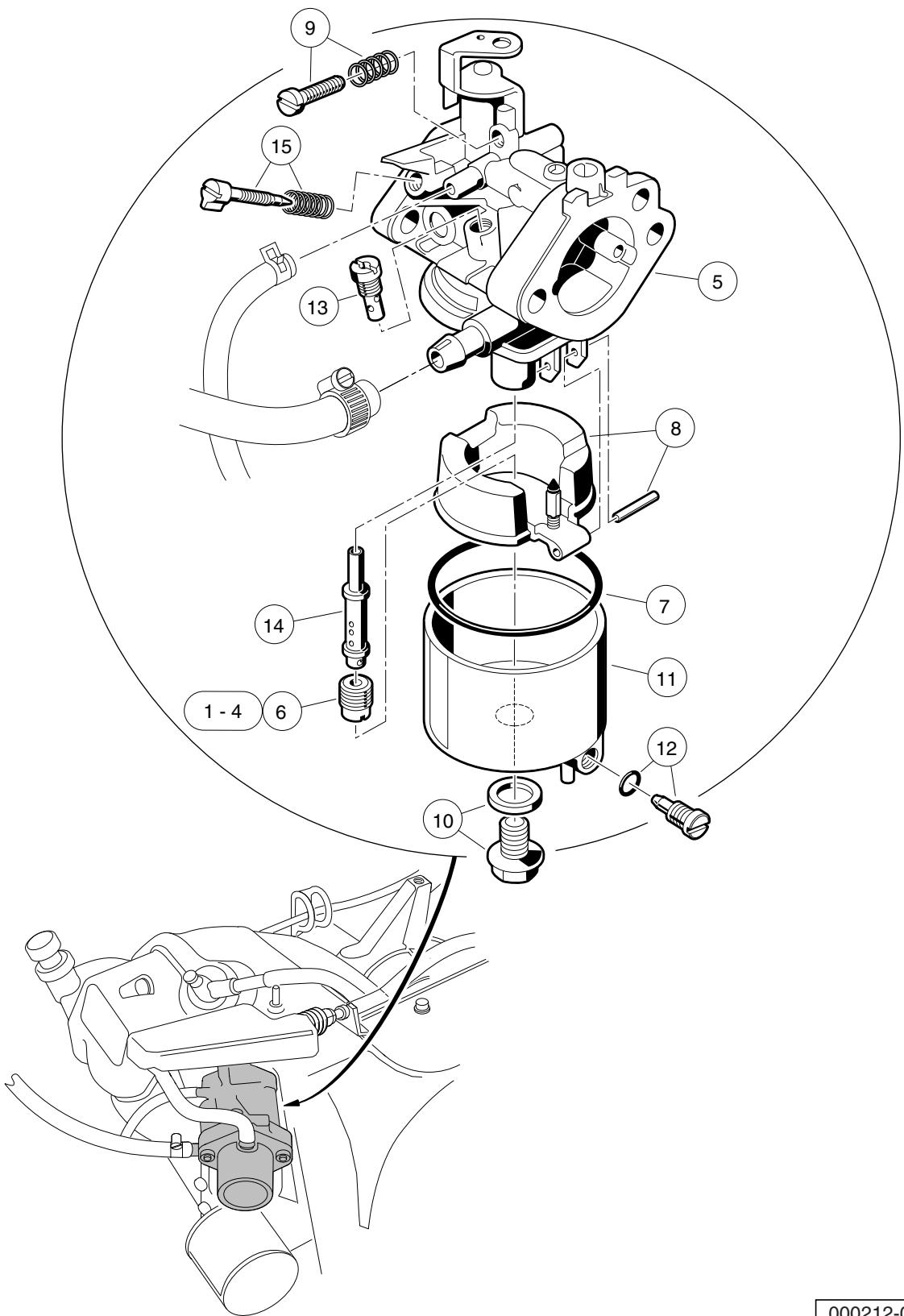
# FUEL TANK WITH FUEL LEVEL SENDING UNIT

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1016004	Tank Kit w/Sending Unit (includes items 2 through 6) .....	1
2	1013746	Clamp, 0.301 ID Hose .....	2
3	1015137	Fuel Line (available by the foot) .....	1
4	101824401	Vent Barb .....	2
5	101896901	Fuel Pickup w/Shut-Off Valve .....	1
6	103651901	Asm, Tank, Ds Utl W/sut Nano (includes items 7 through 16) .....	1
7	1013461	Screw, #10-16 Hex-Head Hi-Lo .....	5
8	1013462	Sending Unit, Fuel Level *	1
9	1015139	Insulation Grommet .....	1
10	1015143	Vent, Fuel Tank .....	1
11	1015921	Wire Assembly #16 Black .....	1
12	102406701	Bushing, Line, Return .....	1
13	102522001	Gasket, Rubber .....	1
14	103372101	Cap, Fuel Tank, Gas, Ratchet .....	1
15	103372302	Fuel Pickup w/Shut-Off Valve, 288mm .....	1
16	103776901	Tank, Fuel, Top, W/su Nano .....	1
17	8797	Nut, #10-32 Brass Hex .....	1

\* Note: Must replace fuel sending unit gasket when servicing this component.

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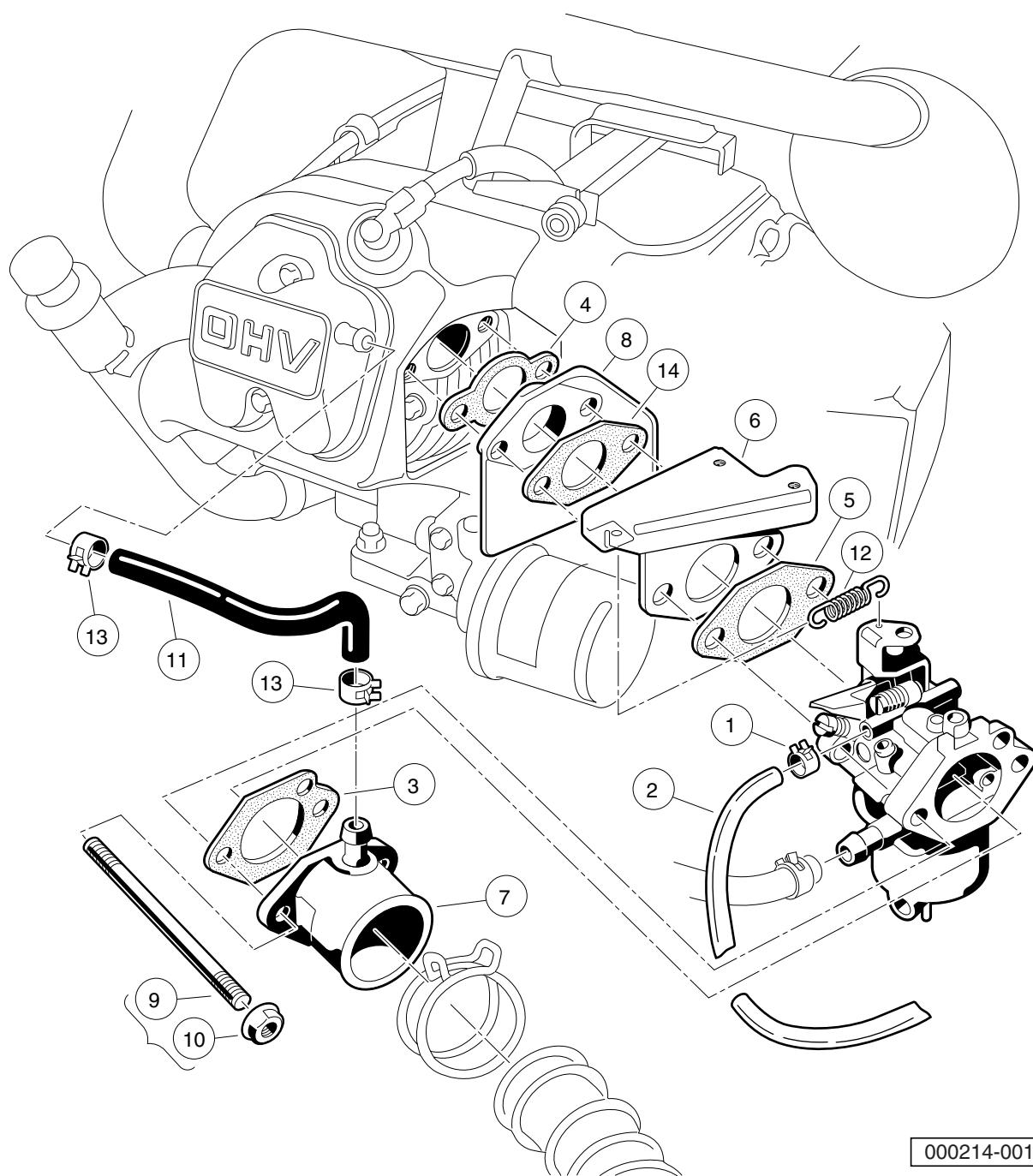
000212-001

# CARBURETOR ASSEMBLY – FE350

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	101642575	Jet, Altitude, # 75 .....	1
2	101642578	Jet, Altitude, # 78 .....	1
3	101642580	Jet, Altitude, # 80 .....	1
4	101642582	Jet, Altitude, # 82 .....	1
5	101905901	Carburetor, FE350D (includes items 6 through 15) .....	1
6	101642585	Jet, Altitude, # 85 .....	1
7	1016437	Gasket, Carburetor Bowl OHV .....	1
8	1016486	Float Assembly .....	1
9	1016501	Screw Assembly .....	1
10	1016585	Bolt .....	1
11	1017461	Chamber Assembly, Float (includes item 12) .....	1
12	1016499	Screw Assembly .....	1
13	101973101	Jet, #40 Pilot .....	1
14	101973301	Nozzle, Main .....	1
15	N/A	Assembly, Pilot Air Screw .....	1
		Note: 101642585 for 0 - 3,000 feet; 101642582 for 3,000 - 5,000 feet; 101642580 for 5,000 - 8,000 feet; 101642578 for 8,000 - 10,000 feet; 101642575 for 10,000 feet and higher.	

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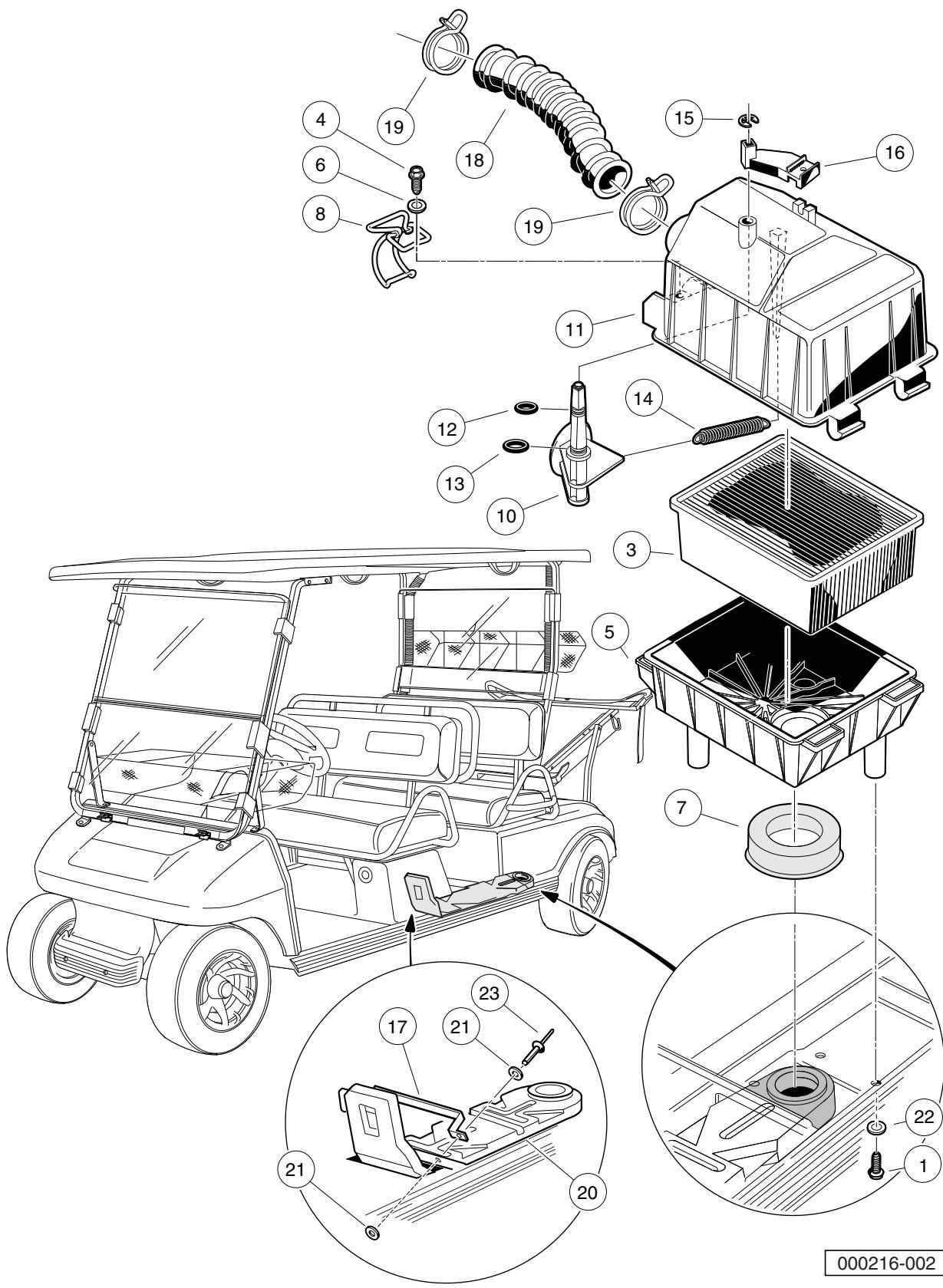
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000214-001

# CARBURETOR INSTALLATION – FE350

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1013746	Clamp, 0.301 ID Hose .....	1
2	1015137	Fuel Line (available by the foot) .....	1
3	1016438	Gasket, Carb To Intake Manifold .....	1
4	1016440	Gasket, Engine to Insulator .....	1
5	1016441	Gasket, Sprg Brkt To Carb OHV .....	1
6	1016444	Bracket, Throttle Spring Return .....	1
7	1016480	Pipe, Intake Manifold .....	1
8	101648102	Insulator, Carburetor .....	1
9	101649002	Stud, M6-1.00 Two-Ended .....	2
10	1016547	Nut, M6 Flange .....	2
11	1016572	Tube, Crankcase Vent .....	1
12	1016582	Spring, Throttle Return .....	1
13	1017466	Clamp .....	2
14	101973401	Gasket, Insulator To Bracket .....	1



000216-002

# INTAKE DUCT AND AIR BOX ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1015752	Screw, #12-16 X 0.625 Hi-Lo .....	3
2	101821501	Assembly, Air Box (includes items 3 through 9) .....	1
3	1015426	Filter, Air .....	1
4	101804301	Screw, #8 X 0.500, Hex-Head Hi-Lo .....	2
5	101811901	Bottom, Air Box .....	1
6	101881701	Washer, #8 Stainless-Steel Flat .....	2
7	101921501	Seal, Intake .....	1
8	101925701	Latch, Wireform .....	2
9	101972801	Top Assy, Air Box (includes items 10 through 16) .....	1
10	N/A	Valve, Choke .....	1
11	101811801	Top, Air Box .....	1
12	N/A	O-Ring, 5/16 .....	1
13	N/A	O-Ring, 3/8 .....	1
14	101812301	Spring, Extension Return .....	1
15	101813001	Retaining Ring 0.25, Shaft .....	1
16	101917601	Lever, Choke .....	1
17	101825701	Retaining Bracket .....	1
18	101837101	Hose, Air Intake .....	1
19	101971301	Clamp, 1.58" ID Hose .....	2
20	103520301	Duct, Air Intake, Ds .....	1
21	183	Washer, #10 Type A Flat .....	4
22	332	Washer, 1/4 Type A Narrow Flat .....	3
23	7973	Rivet, 3/16 X .400 Blind .....	2
		Note: Item 19 is not illustrated.	

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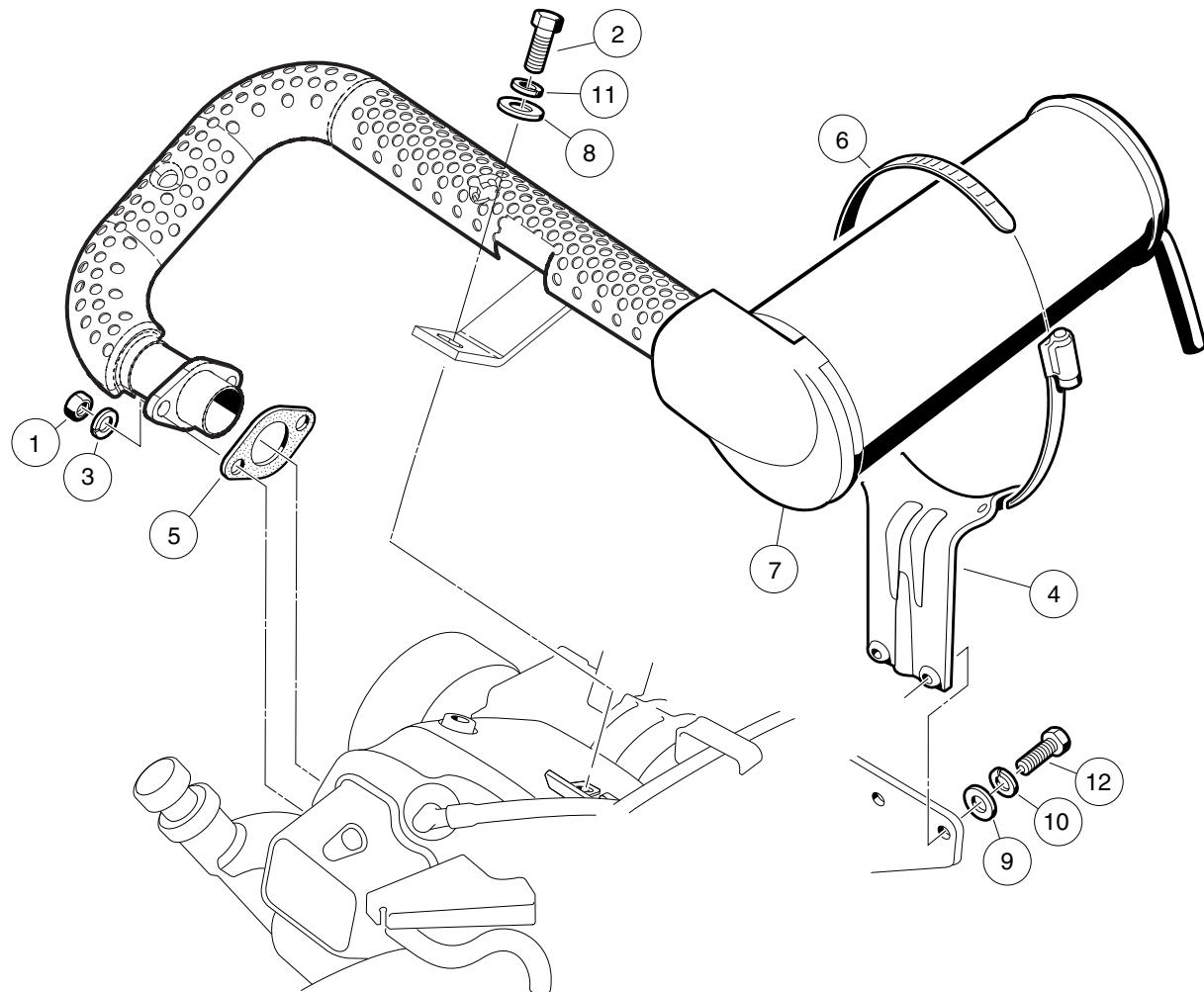
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# EXHAUST SYSTEM

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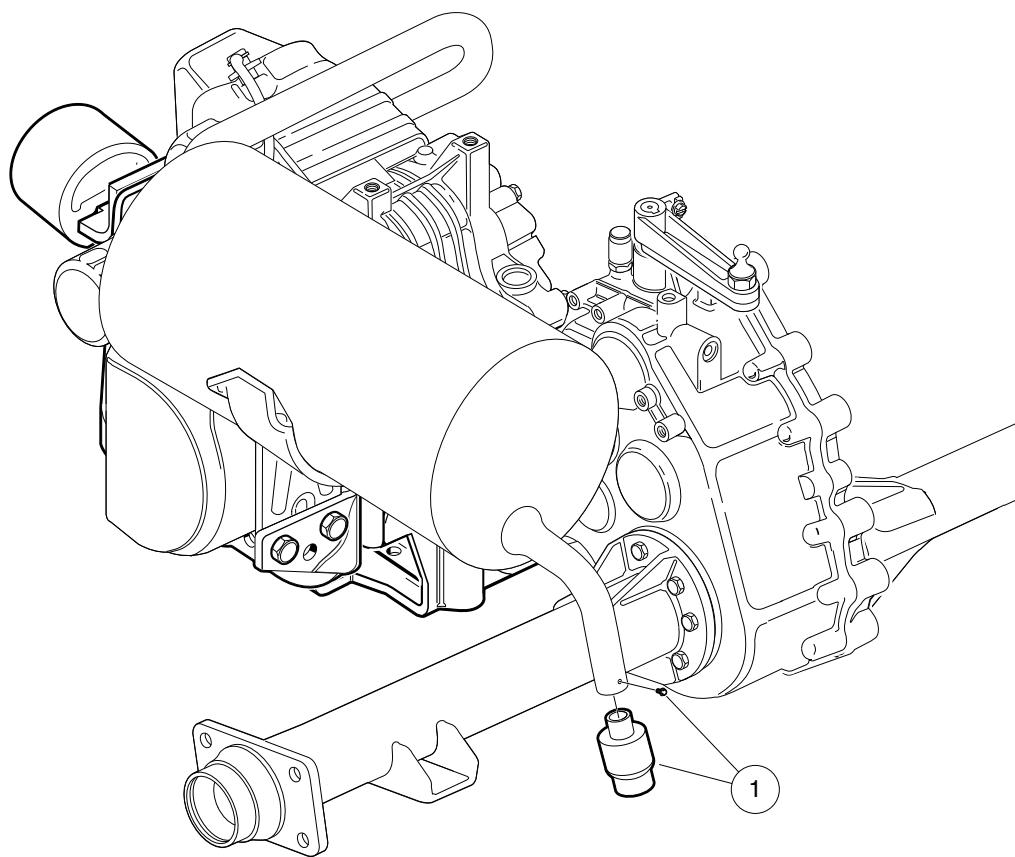
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000491-001

# EXHAUST SYSTEM – FE350

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	9
1	1012528	Nut, M8-1.25 Hex .....	2
2	1012830	Screw, M8-125 X 22 Hex-Head .....	1
3	1013734	Lockwasher, 8mm Split .....	2
4	1015814	Bracket, Muffler Mounting .....	1
5	1016904	Gasket, Exhaust .....	1
6	1017689	Clamp, 5" Muffler Hose .....	1
7	102585901	Exhaust System, FE350, Precedent .....	1
8	1241	Washer, 5/16 Type A Flat .....	1
9	332	Washer, 1/4 Type A Narrow Flat .....	2
10	451	Lockwasher, 1/4 Split .....	2
11	7174	Lockwasher, 5/16 Split .....	1
12	7847	Screw, 1/4-20 X 0.75 Hex-Head Cap .....	2



APM-000119-001

## SPARK ARRESTOR KIT

ITEM	PART NO.	DESCRIPTION	QTY	
1	101629008	1 2 3 4 Spark Arrestor, 290/350 .....	1	<b>9</b> <b>G</b>

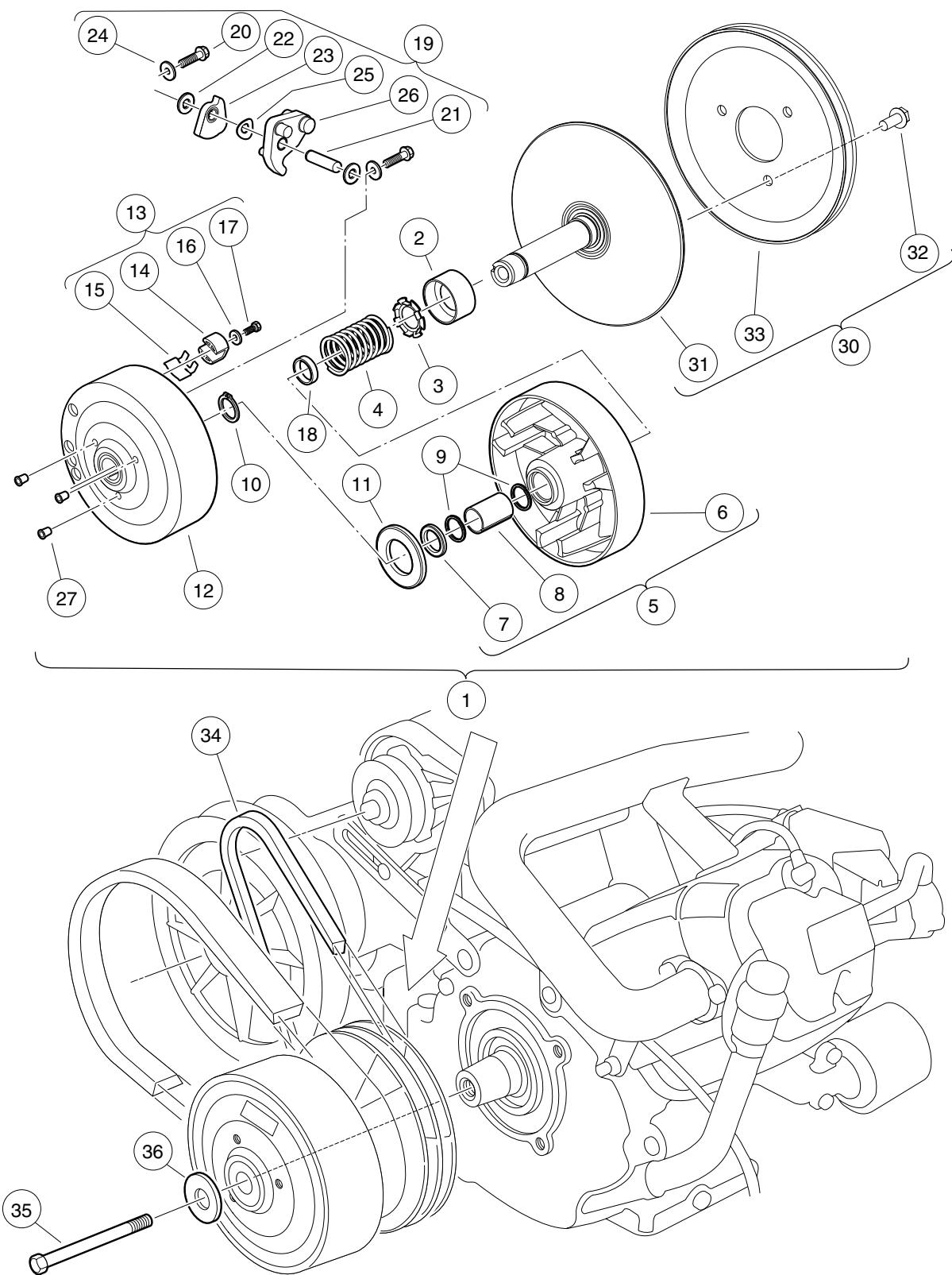
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# TORQUE CONVERTER

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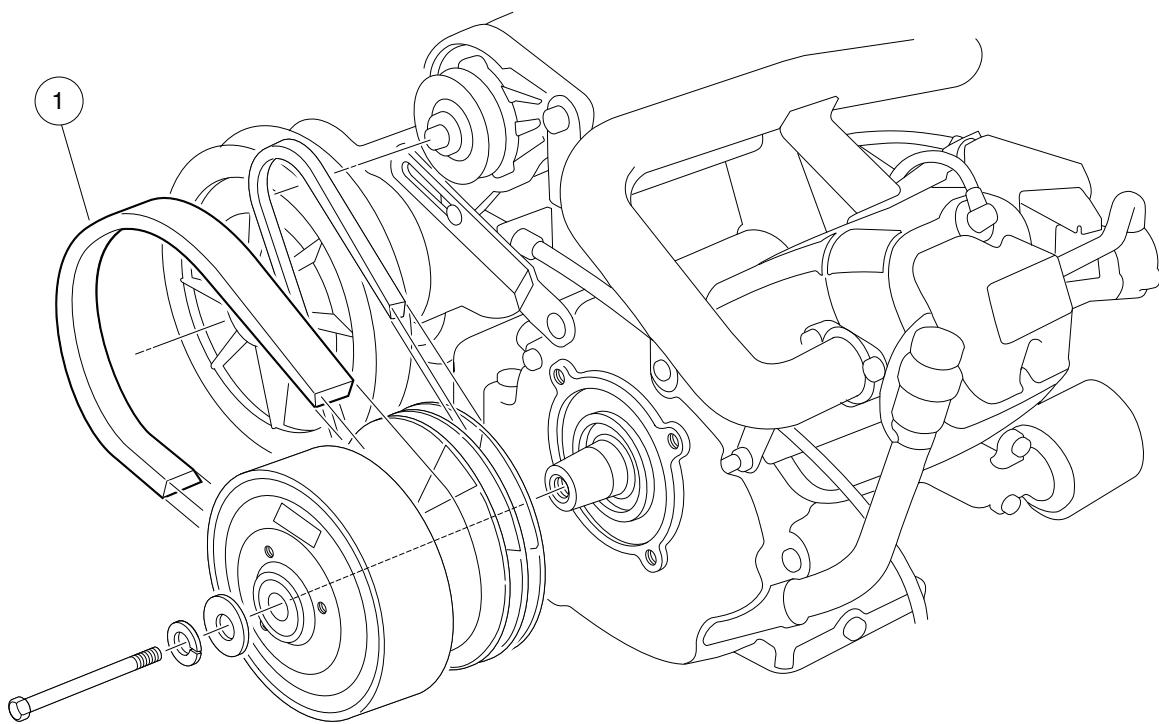
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000217-001

# DRIVE CLUTCH

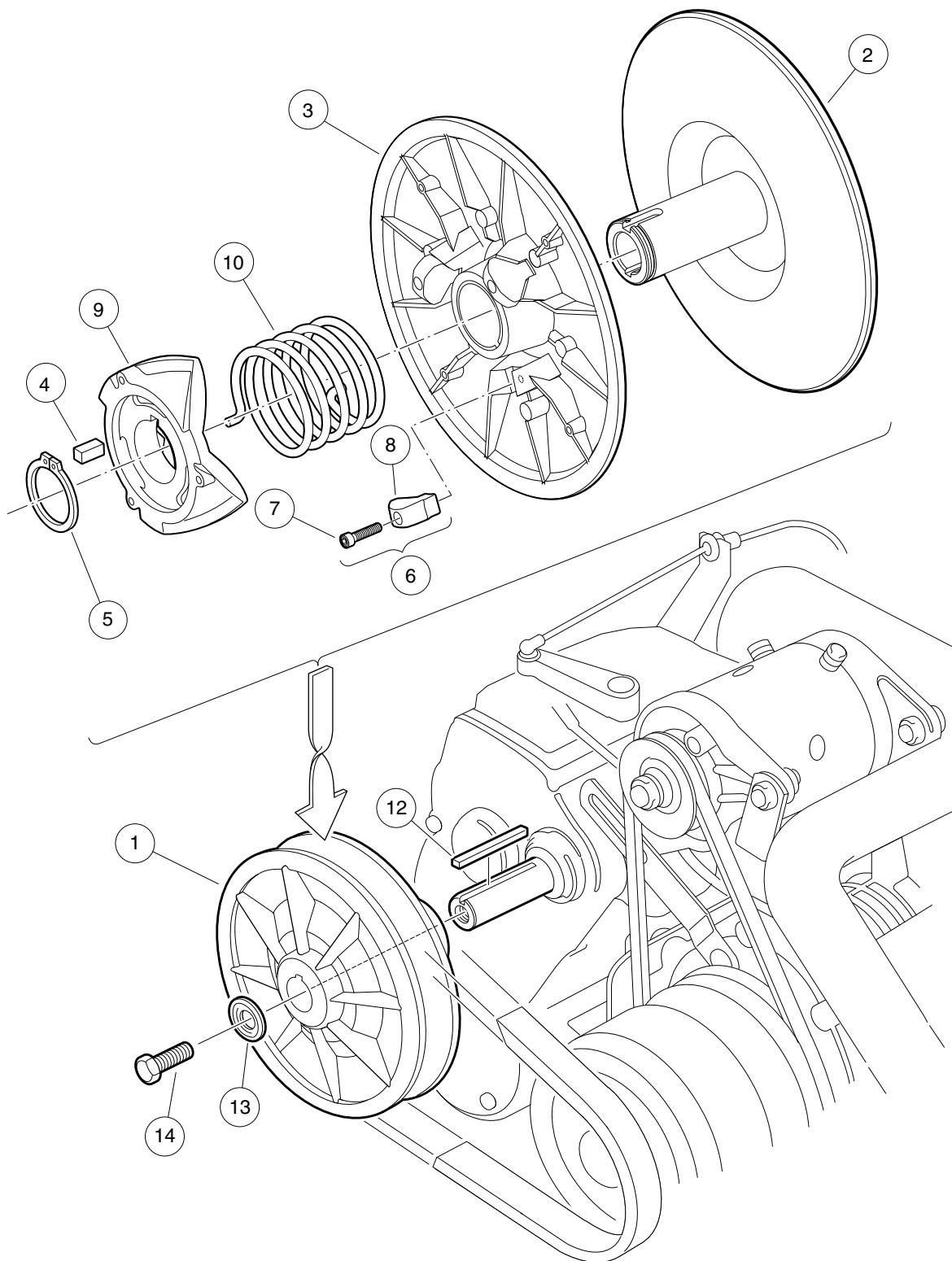
ITEM	PART NO.	DESCRIPTION	QTY
		<b>1 2 3 4</b>	<b>10</b>
1	101833902	Clutch, Drive (includes items 2 through 28) .....	1
2	1014049	Bearing, Idler .....	1
3	1014050	Retainer, Spring .....	1
4	1014051	Spring, Drive Clutch .....	1
5	1014052	Movable-Face Assembly (includes items 6 through 8) .....	1
6	N/A	Drive Clutch Movable Face .....	1
7	1014055	Retainer .....	1
8	N/A	Bushing, Split, Drive Clutch .....	1
9	1014056	Ring, Spiral Backup .....	2
10	1014057	Ring, 0.810" Internal Retaining .....	1
11	1014058	Thrust Washer .....	1
12	1014059	Drive Hub Assy, Drive Clutch .....	1
13	1014453	Kit, Drive Clutch Button (includes items 14 through 17) .....	1
14	1014062	Driver, Drive Clutch .....	3
15	1014287	Spring, Drive Button .....	3
16	183	Washer, #10 Type A Flat .....	3
17	8450	Screw, #10-24 X 0.50 Hex-Head .....	3
18	1016289	Spacer, Fixed Face Shaft .....	1
19	1016801	Kit, Drive Clutch Weight (includes items 20 through 26) .....	1
20	1014063	Screw, 1/4-20 X 1.00 Hex Head .....	6
21	N/A	Pin, 0.3752 X 1.50 Dowel .....	3
22	1014065	Washer, 0.38" ID Delrin Flat .....	6
23	N/A	Clutch Weight, Secondary .....	3
24	N/A	Washer .....	6
25	1016201	Washer, Wave .....	3
26	N/A	Weight, Primary .....	3
27	101925601	Plug, Drive Clutch .....	3
28	101929802	Kit, Fxd Face Dr Asm Fe290/350 (includes items 29 and 30) .....	1
29	N/A	Desiccant Bag (Not Shown) .....	1
30	101929801	Assembly, Fixed-Face Drive (includes items 31 through 33) .....	1
31	N/A	Fixed Face Assembly, Drive Clutch .....	1
32	1014288	Screw, 5/16-18 X 0.75 Thread-Forming .....	3
33	N/A	Pulley, Clutch .....	1
34	101916701	V-Belt .....	1
35	103345701	Screw 3/8-24x5.5 Hex Loc Ptch .....	1
36	808	Washer, 3/8 Type B Flat .....	1
		Note: Item 29 not shown.	



000218-001

# DRIVE BELT – FE350

ITEM	PART NO.	DESCRIPTION	QTY	
1	1017188	1 2 3 4 Belt, Drive (FE350) .....	1	<b>10</b> <b>G</b>

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000219-001

# DRIVEN CLUTCH

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	10
1	101834001	Assembly, Driven Clutch (includes items 2 through 10) .....	1
2	1014070	Fixed Face Assy, Driven Clutch .....	1
3	1014072	Movable-Face Assembly with Bushing .....	1
4	1014078	Key, Driven Clutch .....	1
5	1014080	Ring, Retaining .....	1
6	1014454	Kit, Driven Clutch Button (includes items 7 and 8) .....	1
7	1012836	Screw, #8-32 X 3/4 Socket-Head Cap .....	3
8	1014076	Button, Drive .....	3
9	1017686	Cam, Driven Clutch .....	1
10	101836201	Spring, Driven Clutch, Reversed .....	1
11	AM10419	Kit, Clutch Repair (includes items 12 through 14) .....	1
12	101833401	Key, 3/16 Sq X 1.50" .....	1
13	102155801	Washer, Driven Clutch .....	1
14	102242101	Screw, 5/16-18 X 3/4 Hex-Head with Patch .....	1

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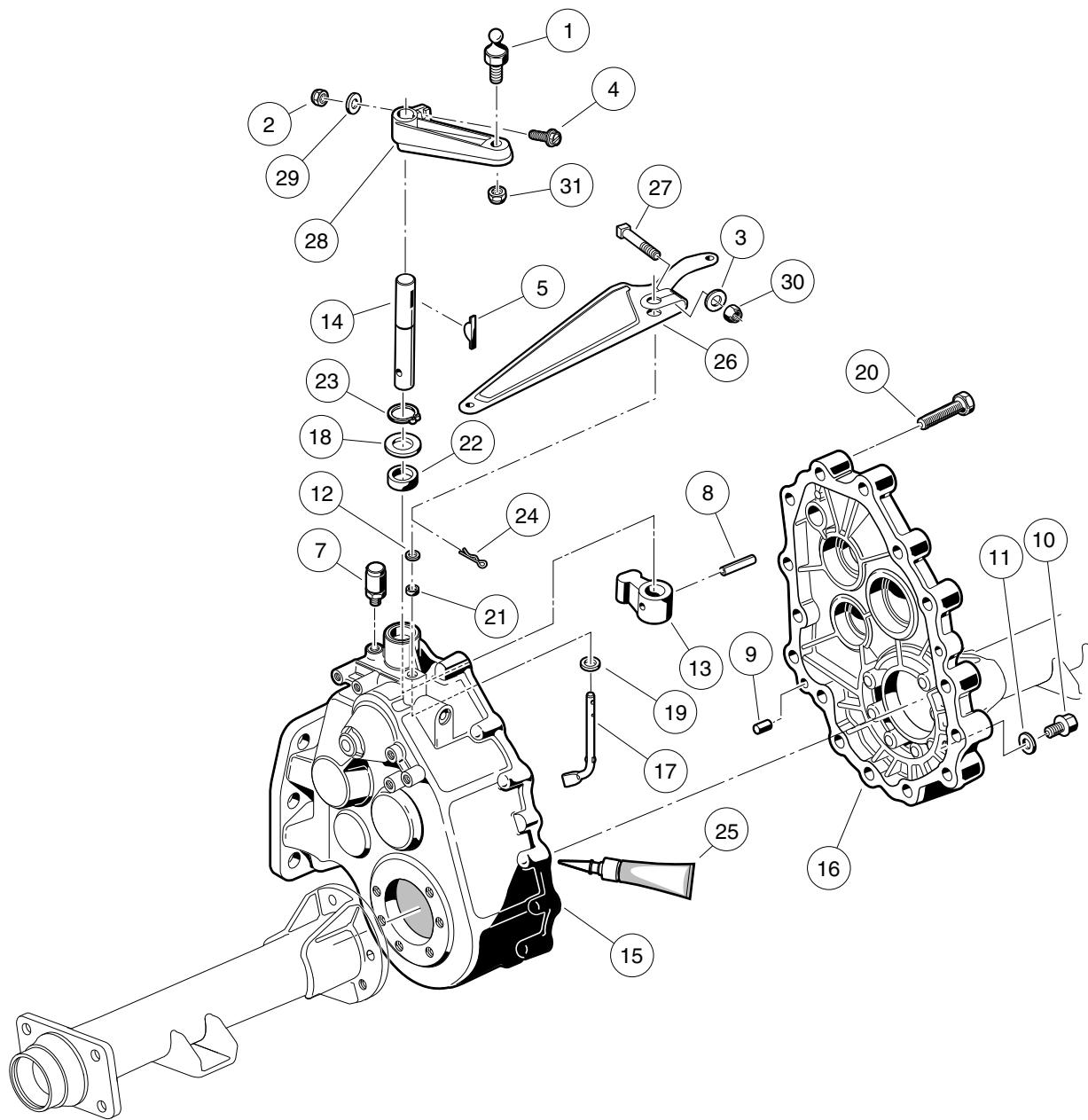
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# **UNITIZED TRANSAXLE**



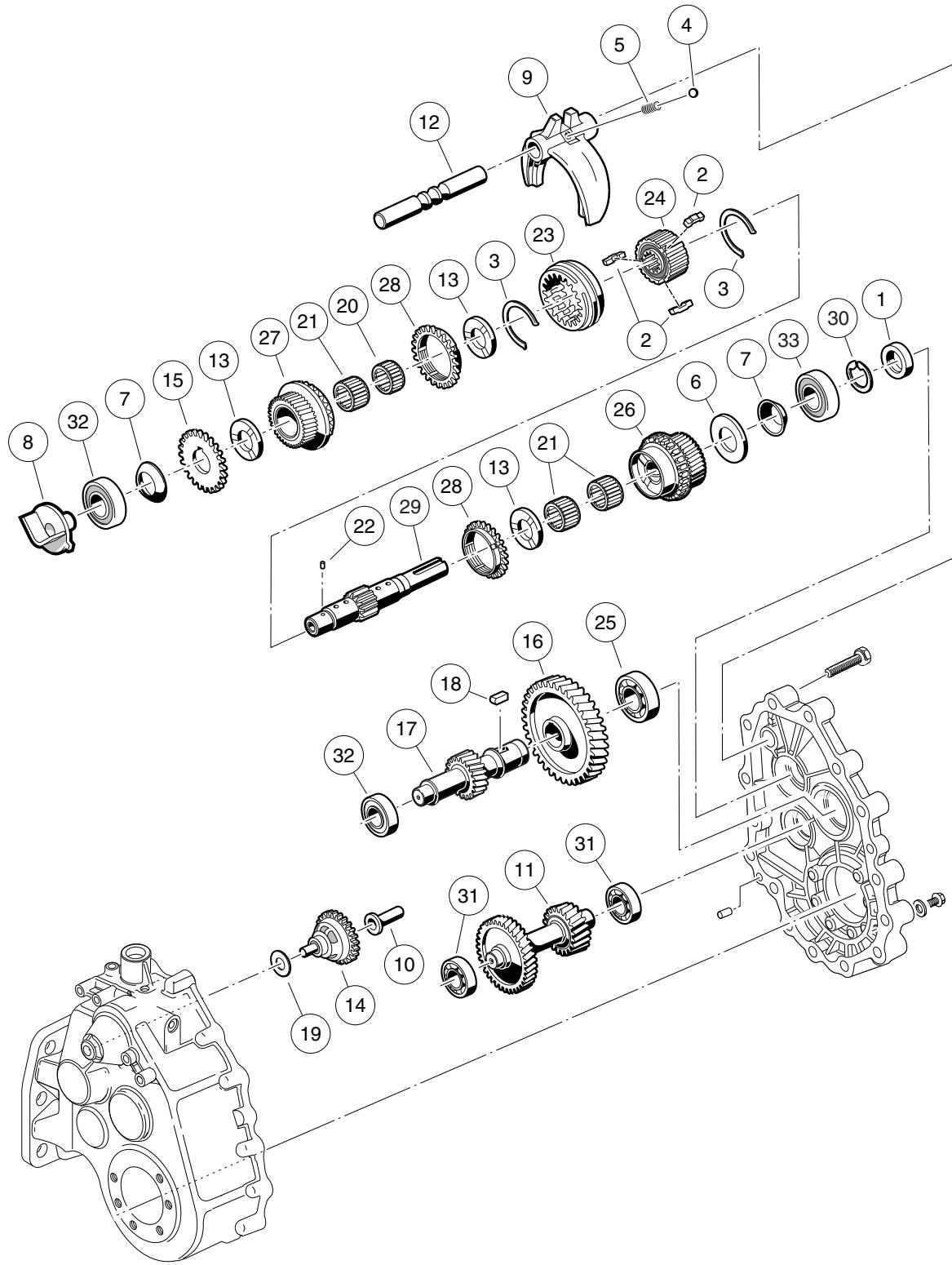
000220-004

# TRANSAXLE – GASOLINE VEHICLES, GEAR CASES AND BRACKETS

ITEM	PART NO.	DESCRIPTION	QTY
		<b>1 2 3 4</b>	
1	1010954	Stud, 1/4-28 X 0.560 Ball .....	1
2	1013061	Locknut, #10-32 Nylon Insert .....	1
3	1014007	Washer, 1/4 Flat .....	1
4	1017082	Screw, #10-32 X 0.75, Hex-Head Machine .....	1
5	1017231	Key, Woodruff .....	1
6	101833601	Transaxle, 11.77 Ratio (includes items 7 through 25) .....	1
7	1012711	Breather .....	1
8	1012752	Roll Pin .....	1
9	1012896	Pin, Dowel .....	2
10	1013760	Fill Plug .....	2
11	1016432	Gasket, Drain Plug .....	1
12	1016513	Washer, M6 Flat .....	1
13	101890101	Lever, Change .....	1
14	101890201	Shaft - Change .....	1
15	101890501	Gear Case (driver side) .....	1
16	101890601	Gear Case (passenger side) .....	1
17	101891301	Arm Pivot .....	1
18	101892901	Washer .....	1
19	101893801	Washer .....	1
20	101926901	Screw, M8-1.25 X 40mm Hex-Head .....	15
21	101927101	Seal, Oil .....	1
22	101927201	Seal, Oil .....	1
23	101927301	Snap Ring .....	1
24	101928601	Pin, Cotter .....	1
25	101928701	Liquid Gasket (Transaxle case) .....	1
26	101834801	Arm, Governor .....	1
27	101886101	Screw, 1/4-20 X 1.00 Square-Head .....	1
28	102515401	Lever, Transmission Shift .....	1
29	183	Washer, #10 Type A Flat .....	1
30	8233	Locknut, 1/4-20 Nylon Insert .....	1
31	8717	Locknut, 1/4-28 Nylon Insert .....	1

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000221-001

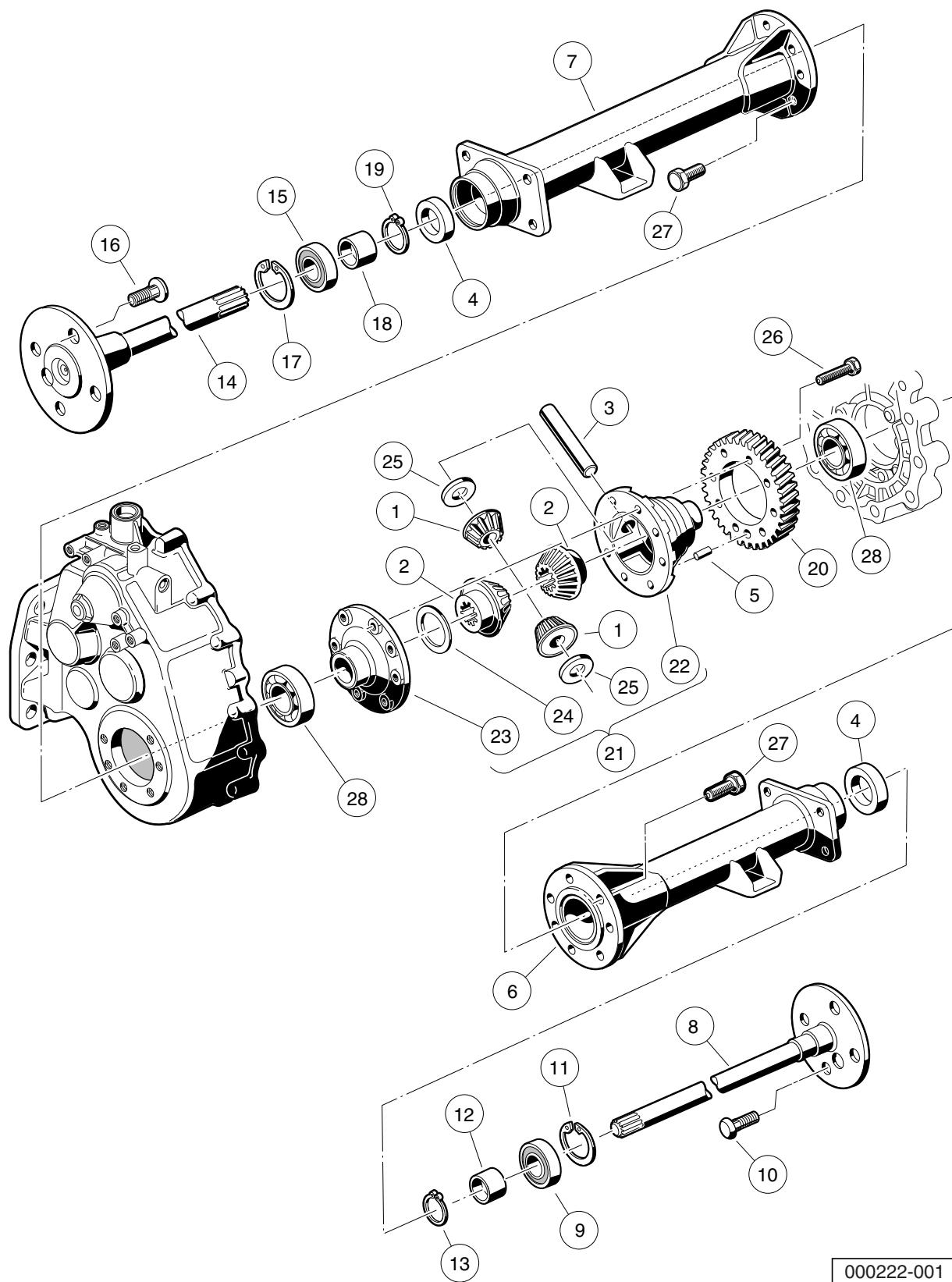
# TRANSAXLE – GASOLINE VEHICLES, TRANSMISSION AND GEAR REDUCTION

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1012714	Oil Seal .....	1
2	1012740	Synchro Insert .....	3
3	1012741	Synchro Spring .....	2
4	1012747	Shifter Ball .....	1
5	1012748	Shifter Spring .....	1
6	1016337	Washer, Thrust .....	1
7	1016338	Washer, Spring .....	2
8	101889401	Guide .....	1
9	101890001	Fork - Shift .....	1
10	101891601	Sleeve, Governor .....	1
11	101891901	Gear, Cluster .....	1
12	101892001	Rod, Shift .....	1
13	101892201	Plate, Thrust .....	3
14	101892301	Governor Assembly .....	1
15	101892401	Gear, Spur .....	1
16	101892501	Gear, Helical (61 Tooth) .....	1
17	101892601	Gear, Helical (17 Tooth) .....	1
18	101893201	Key Sunk .....	1
19	101893901	Washer .....	1
20	101927501	Needle Bearing .....	1
21	101927601	Needle Bearing .....	3
22	101927701	Pin, .116" Dia X 0.264 Dowel .....	1
23	101927901	Sleeve, Synchro .....	1
24	101928001	Hub, Synchro Clutch .....	1
25	101928101	Bearing, Ball .....	1
26	101980801	Gear Assembly, 16-Degree Synchro (25 Tooth) .....	1
27	101980901	Gear Assembly, 16-Degree Rear Synchro (28 Tooth) .....	1
28	101981001	Ring, 16-Degree Synchronizer .....	2
29	102453001	Shaft, Trans, with Circlip .....	1
30	102453101	Circlip .....	1
31	7335	Bearing .....	2
32	AM10080	Bearing, Ball, Sealed .....	2
33	AM10081	Bearing, Ball, Sealed .....	1

Note: Items listed on this page are components of the unitized transaxle.

**11**

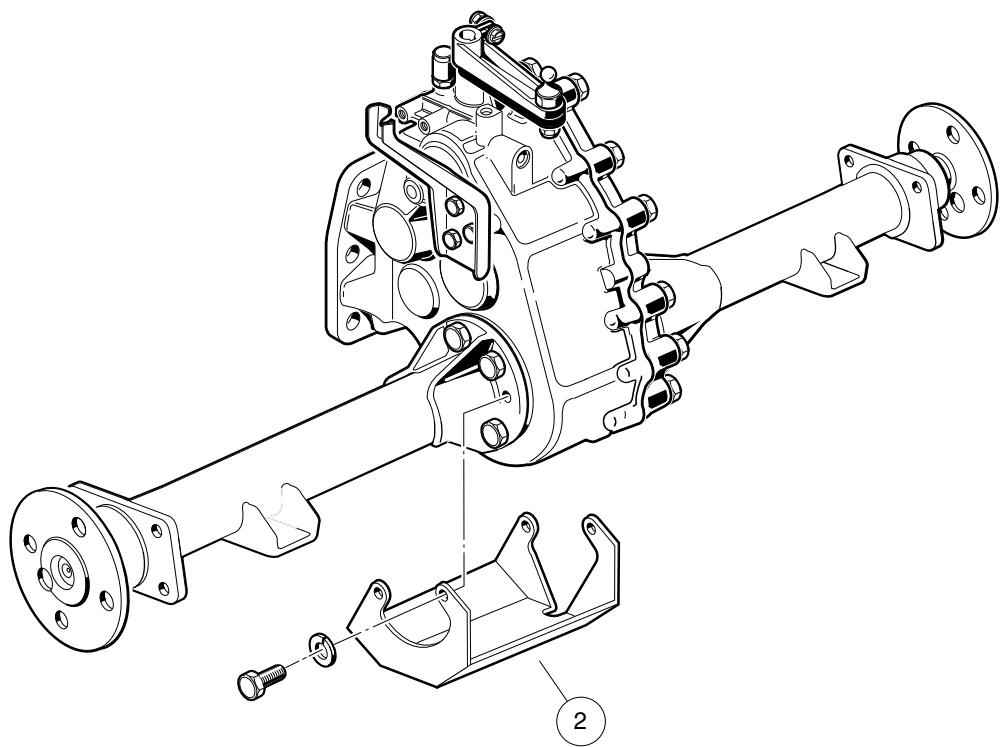
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000222-001

# TRANSAXLE – GASOLINE VEHICLES, DIFFERENTIAL AND AXLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	11
1	1013770	Differential Idler Gear .....	2
2	1013771	Gear, Differential .....	2
3	1013772	Pin, Differential .....	1
4	1013794	Axle Shaft Oil Seal .....	2
5	1014193	Dowel Pin .....	1
6	101890901	Pipe .....	1
7	101891001	Pipe .....	1
8	101891401	Axle Assembly, Passenger Side (includes items 9 through 13) .....	1
9	1011291	Outer Axle, Tube Bearing .....	1
10	1013787	Lug Stud .....	4
11	1013792	Circlip Type C .....	1
12	1014207	Bushing .....	1
13	1016672	Retaining Ring .....	1
14	101891501	Axle Assembly, Driver-Side (includes items 15 through 19) .....	1
15	1011291	Outer Axle, Tube Bearing .....	1
16	1013787	Lug Stud .....	4
17	1013792	Circlip Type C .....	1
18	1014207	Bushing .....	1
19	1016672	Retaining Ring .....	1
20	101892701	Gear, Helical .....	1
21	101910501	Kit, Differential Gear Case (includes items 22 through 25) .....	1
22	1013768	Differential Gear Case, Left-Hand .....	1
23	1013769	Differential Gear Case, Right-Hand .....	1
24	1013773	Plate, Thrust (Differential Gear) .....	1
25	1013774	Plate, Thrust (Idler Gear) .....	2
26	101928301	Screw, M8-1.25 X 35mm Hex Head .....	8
27	102031901	Bolt, M10 X 1.5 X 30mm .....	14
28	7330	Inner Axle Tube Bearing .....	2



000784-001

## DIFFERENTIAL GUARD

ITEM	PART NO.	DESCRIPTION	QTY	
1	101932902	Diff Guard Unitized Kit (Includes Instructions) (includes item 2) .....	1	<b>11</b>
2	N/A	Guard, Unitized Differential .....	1	<b>G</b>

**11**

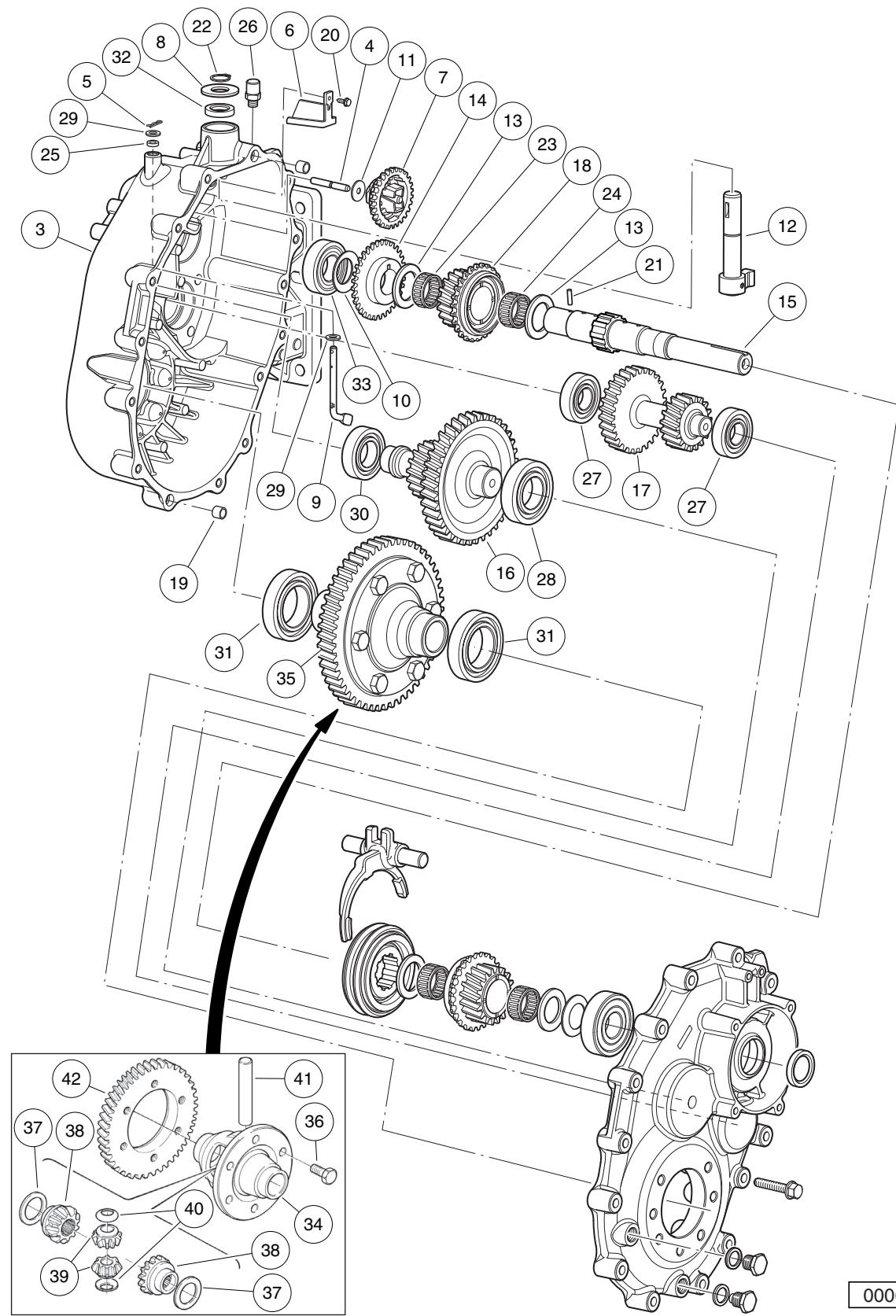
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# **GRAZIANO TRANSAXLE – GASOLINE VEHICLE**

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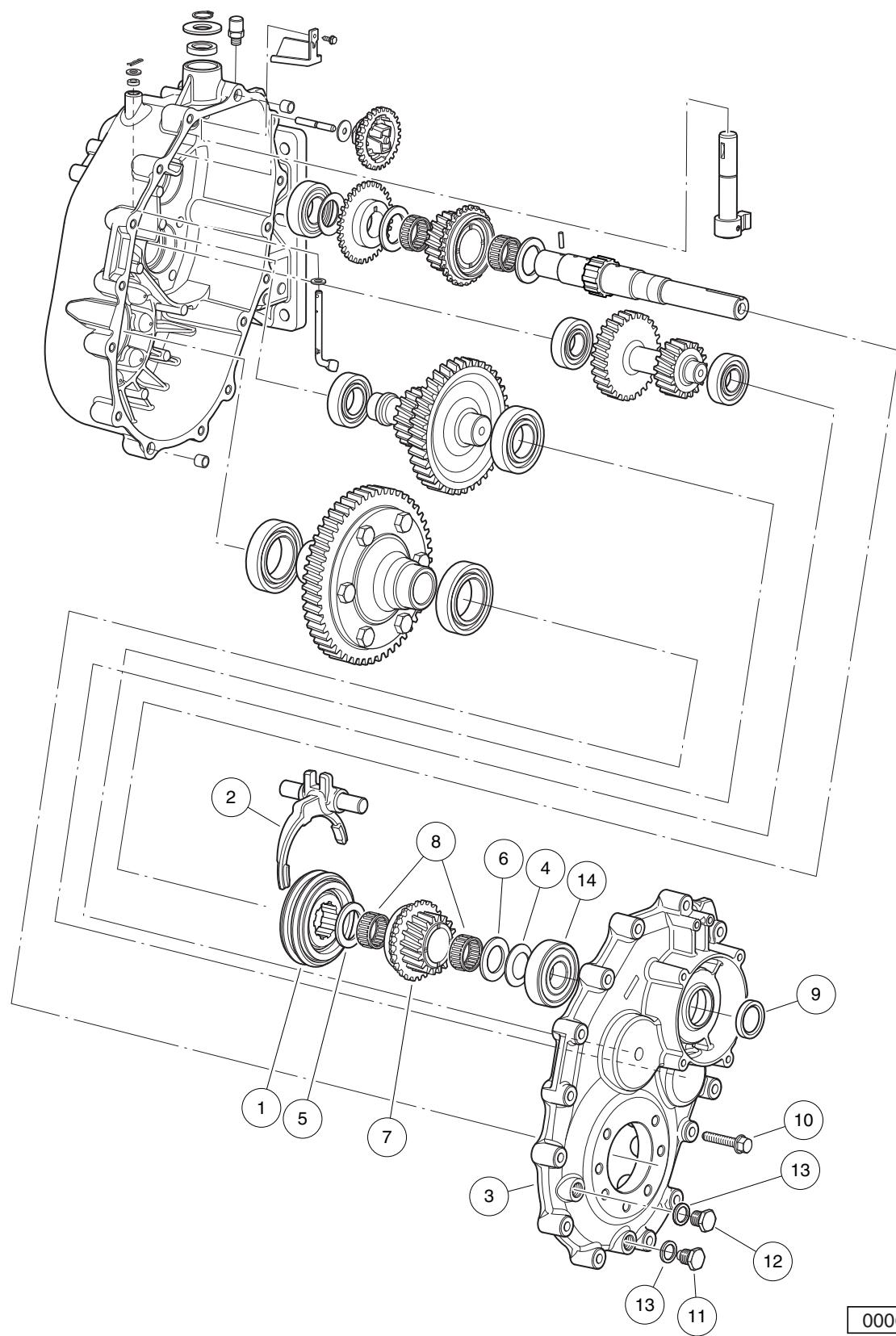
000680-001

# GRAZIANO TRANSAXLE – GASOLINE VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	102896801	Transaxle, Unitized, Graziano (includes items 2 through 35) .....	1
2	102896901	Gear Box, Complete (includes items 3 and 4) .....	1
3	N/A	Gear Box .....	1
4	N/A	Pin, Speed Governor .....	1
5	102897401	Pin, Split .....	1
6	102897601	Conveyor, Oil .....	1
7	102897701	Assembly, Speed Governor .....	1
8	102897801	Washer, Thrust .....	1
9	102897901	Lever, Speed Governor .....	1
10	102898001	Washer, Belleville .....	1
11	102898101	Bearing, Thrust .....	1
12	102898201	Unit, Drive Selector .....	1
13	102898301	Bearing, Thrust .....	2
14	102898501	Gear, Speed Governor .....	1
15	102898601	Shaft, Main .....	1
16	102898701	Shaft, Secondary .....	1
17	102898801	Shaft, Reverse Gear .....	1
18	102899001	Gear, Complete, 28t .....	1
19	102899101	Dowel .....	2
20	102899201	Screw .....	1
21	102899301	Pin .....	1
22	102899401	Ring, Snap .....	1
23	102899501	Cage, Roller .....	1
24	102899601	Cage, Roller .....	1
25	102899701	Grommet .....	1
26	102899801	Bleeder .....	1
27	102900401	Bearing .....	2
28	102900501	Bearing .....	1
29	102900601	Washer .....	2
30	102900701	Bearing .....	1
31	102900801	Bearing .....	2
32	102900901	Grommet .....	1
33	102901001	Bearing .....	1
34	102901201	Box, Differential .....	1
35	102902001	Assembly, Differential (includes items 36 through 42) .....	1
36	102901301	Screw, M10 X 25 .....	6
37	102901401	Ring, Sleeve .....	2
38	102901501	Gear, Sun .....	2
39	102901601	Gear, Planetary .....	2
40	102901701	Ring, Sleeve .....	2
41	102901801	Pin .....	1
42	102901901	Gear .....	1

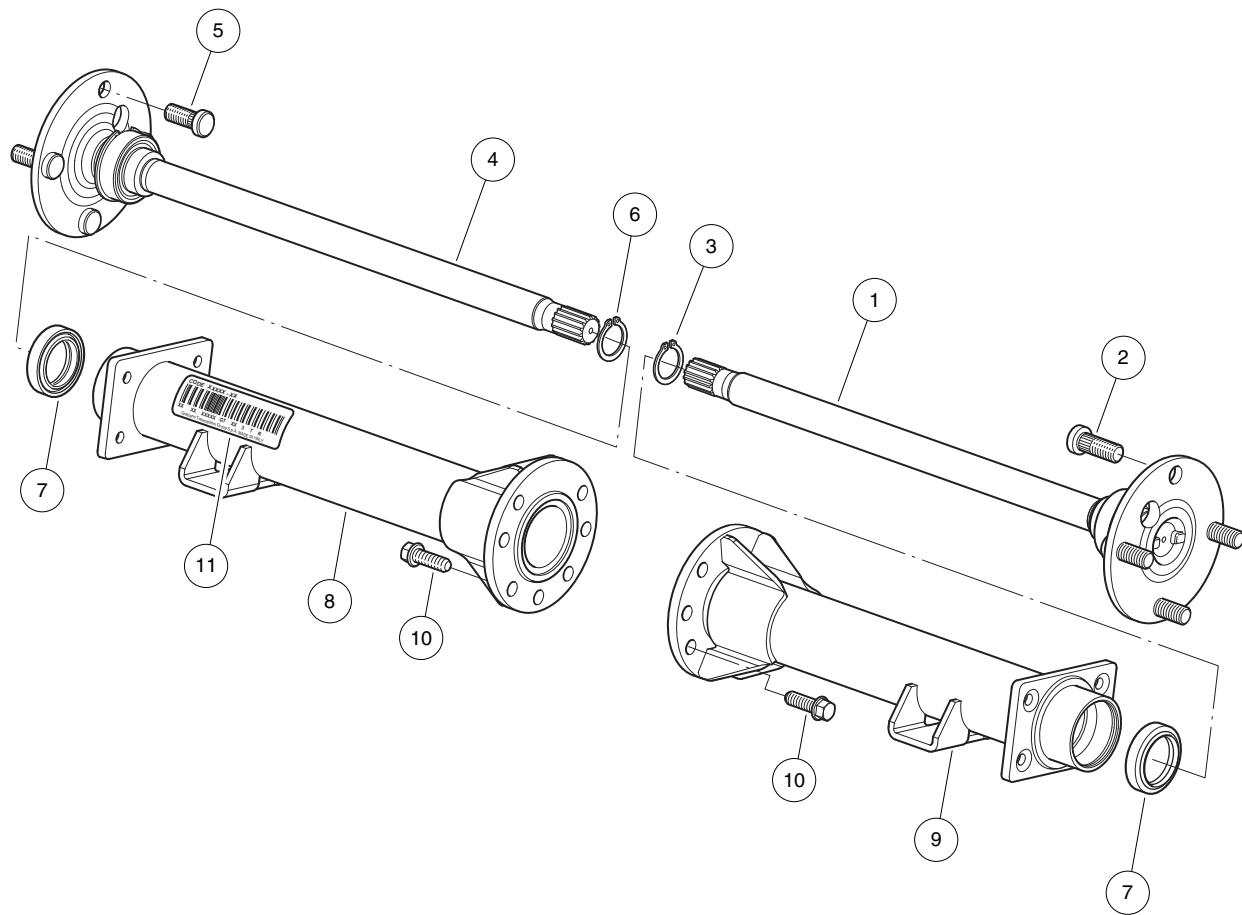
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**12****G**

# GRAZIANO TRANSAXLE – GASOLINE VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY	
		1 2 3 4		12
1	102897201	Synchronizer, Complete .....	1	G
2	102897301	Fork, Complete .....	1	
3	102897501	Cover, Box .....	1	
4	102898001	Washer, Belleville .....	1	
5	102898301	Bearing, Thrust .....	1	
6	102898401	Washer, Thrust .....	1	
7	102898901	Gear, Complete, 25t .....	1	
8	102899601	Cage, Roller .....	2	
9	102899901	Grommet .....	1	
10	102900001	Screw .....	15	
11	102900101	Plug, Magnetic .....	1	
12	102900201	Plug .....	1	
13	102900301	Seal .....	2	
14	102901101	Bearing .....	1	
Note: Items listed on this page are components of the Graziano transaxle assembly.				



000681-001

# GRAZIANO TRANSAXLE – GASOLINE VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY	
		<b>1 2 3 4</b>		<b>12</b>
1	102902101	Shaft, Short, Complete (includes items 2 and 3) .....	1	
2	102902301	Bolt, Stud .....	4	
3	102902401	Snap Ring .....	1	
4	102902201	Shaft, Long, Complete (includes items 5 and 6) .....	1	
5	102902301	Bolt, Stud .....	4	
6	102902401	Snap Ring .....	1	
7	102902501	Seal, Lip .....	2	
8	102902601	Assembly, Tube Extension, Lh .....	1	
9	102902701	Assembly, Tube Extension, Rh .....	1	
10	102902801	Screw, M10 X 30 .....	14	
11	N/A	Tag, Serial .....	1	
Note: Items listed on this page are components of the Graziano transaxle assembly.				

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# ELECTRICAL SYSTEM – ELECTRIC VEHICLE

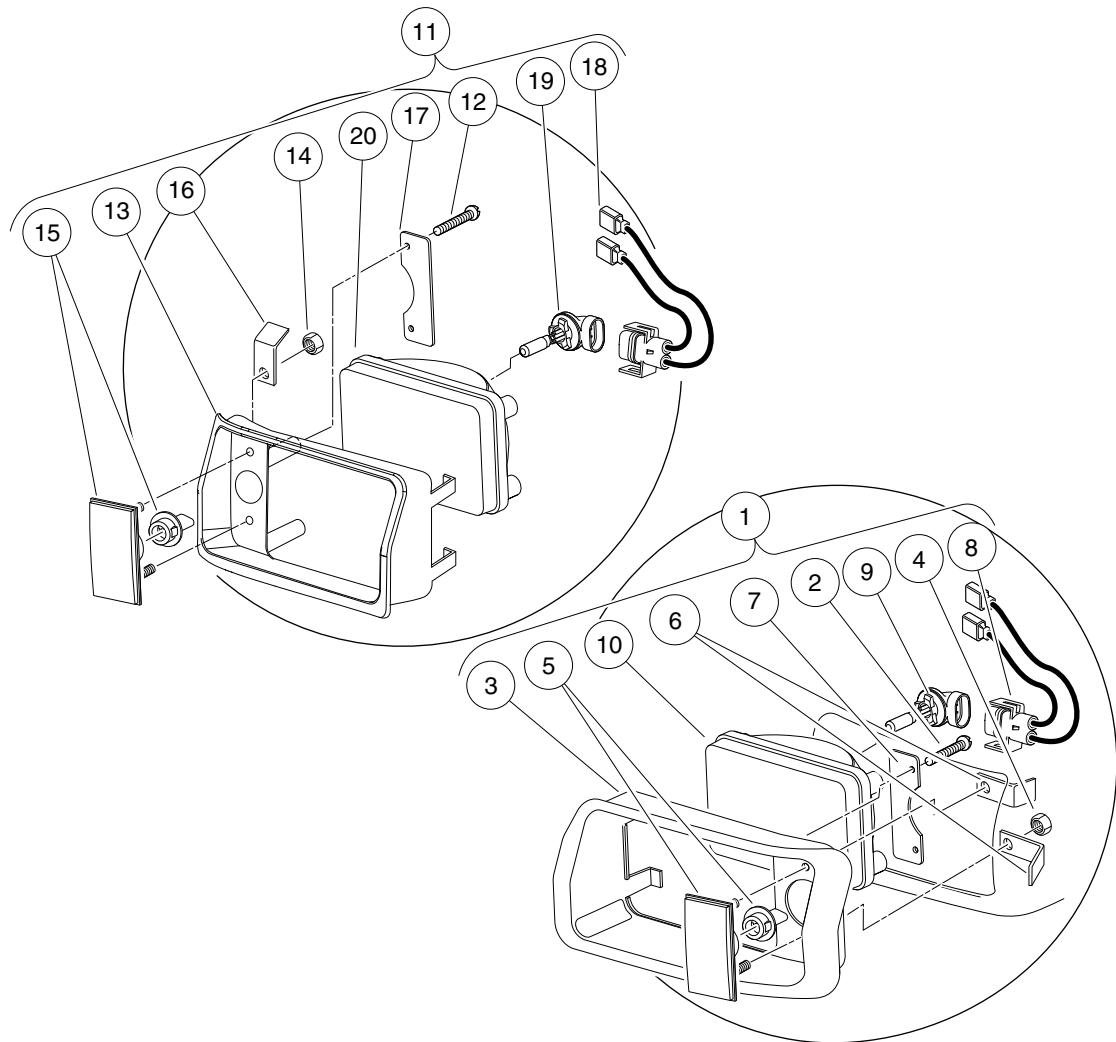
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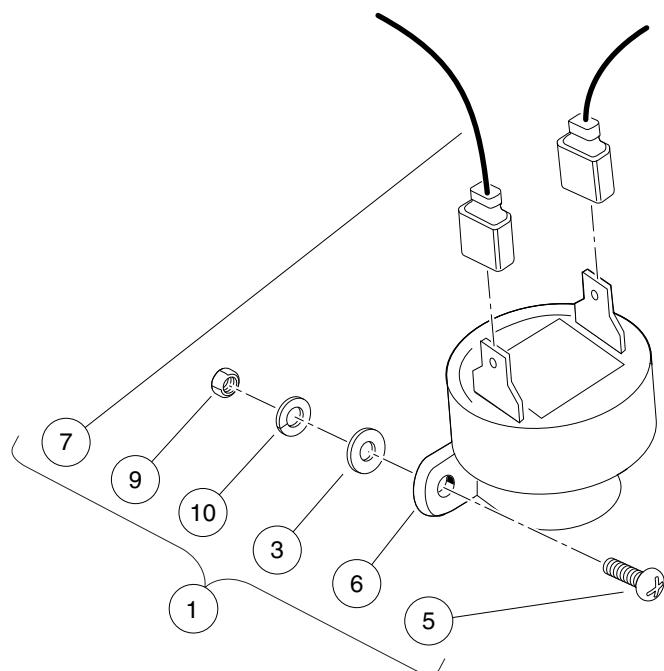
000073-001

# HEADLIGHTS

ITEM	PART NO.	DESCRIPTION	QTY	
		1 2 3 4		<b>13</b>
1	101988001	Headlight Assembly, Driver-Side Single Beam (includes items 2 through 10) .....	1	
2	1013461	Screw, #10-16 Hex-Head Hi-Lo .....	2	<b>E</b>
3	1016880	Headlight Bezel, Left .....	1	
4	1017	Nut, #10-24 Stainless-Steel Hex Machine .....	2	
5	1017062	Turn Signal Lens Assy .....	1	
6	1017064	Mounting Bracket .....	2	
7	1017065	Retainer, Headlight .....	1	
8	101987901	Connector Harness Assembly, Headlight .....	1	
9	101988101	Bulb, Headlight .....	1	
10	101988201	Lens, Headlight .....	1	
11	101988002	Headlight Assy, Passenger-Side Single Beam (includes items 12 through 20) .....	1	
12	1013461	Screw, #10-16 Hex-Head Hi-Lo .....	2	
13	1016879	Headlight Bezel, Right .....	1	
14	1017	Nut, #10-24 Stainless-Steel Hex Machine .....	2	
15	1017062	Turn Signal Lens Assy .....	1	
16	1017064	Mounting Bracket .....	2	
17	1017065	Retainer, Headlight .....	1	
18	101987901	Connector Harness Assembly, Headlight .....	1	
19	101988101	Bulb, Headlight .....	1	
20	101988201	Lens, Headlight .....	1	

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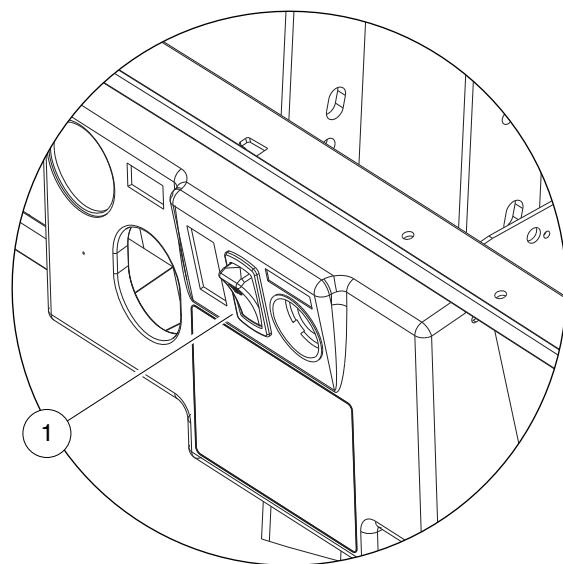
000741-003

# REVERSE BUZZER KIT

ITEM	PART NO.	DESCRIPTION	QTY	
		1 2 3 4		<b>13</b>
1	1016859	Kit, Reverse Buzzer (includes items 2 through 10) .....	1	
2	1011229	Locknut, #6-32 Whiz .....	1	<b>E</b>
3	1012431	Washer, #4 Flat .....	2	
4	1015720	Screw, #6-32 X 1/2 Hex Washer-Head .....	1	
5	1016849	Screw, #4-24 X 0.33 Pan-Head Machine .....	2	
6	1016851	Buzzer, Reverse (9-48 VDC) .....	1	
7	1016857	Wire Assembly Black #18 .....	1	
8	8056	Screw, #4-40 X 0.75 Round-Head Machine .....	2	
9	8057	Nut, #4-40 Hex Machine .....	2	
10	8058	Lockwasher, #4 Split .....	2	

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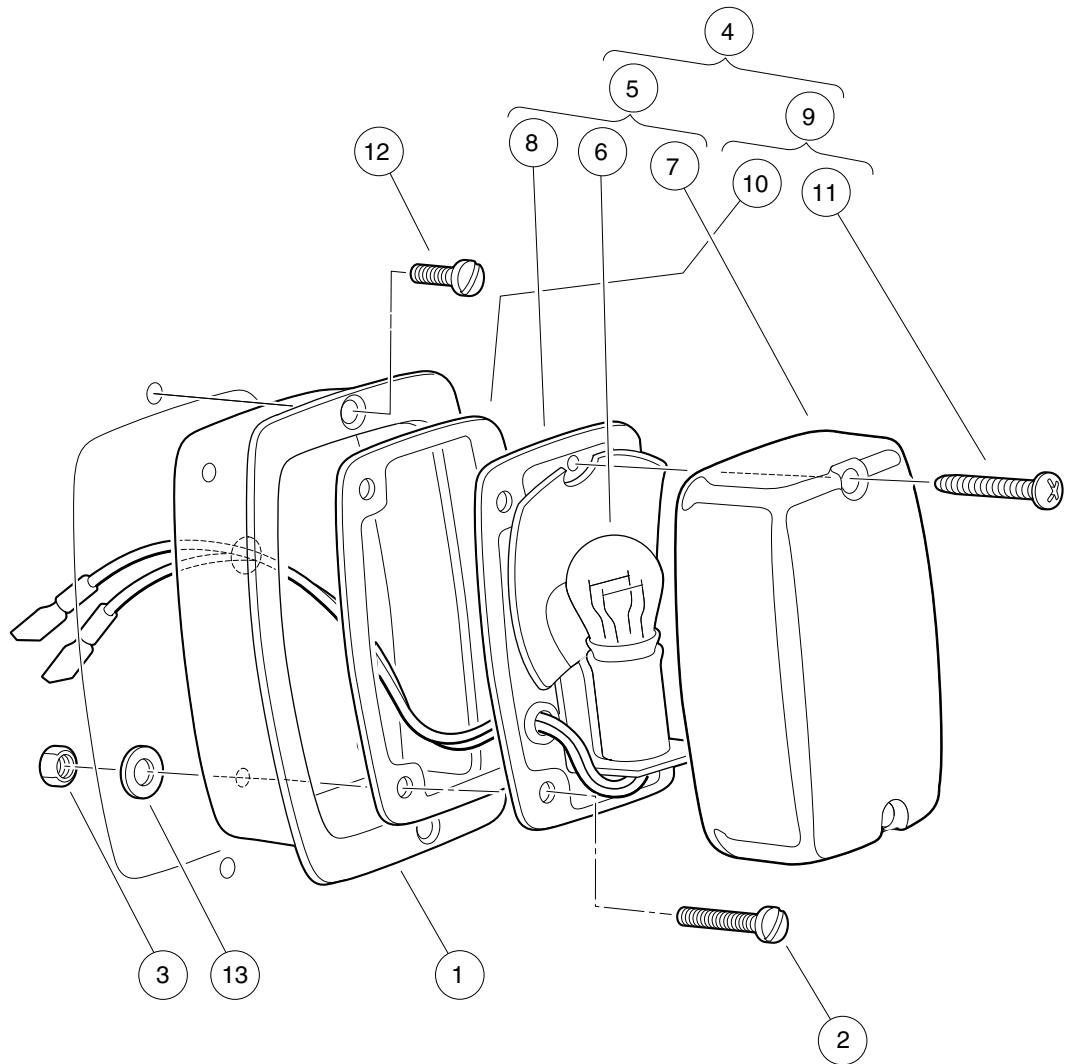
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000073-003

# HEADLIGHT SWITCH

ITEM	PART NO.	DESCRIPTION	QTY	
1	102869401	1 2 3 4 Switch, Rocker, Light .....	1	E

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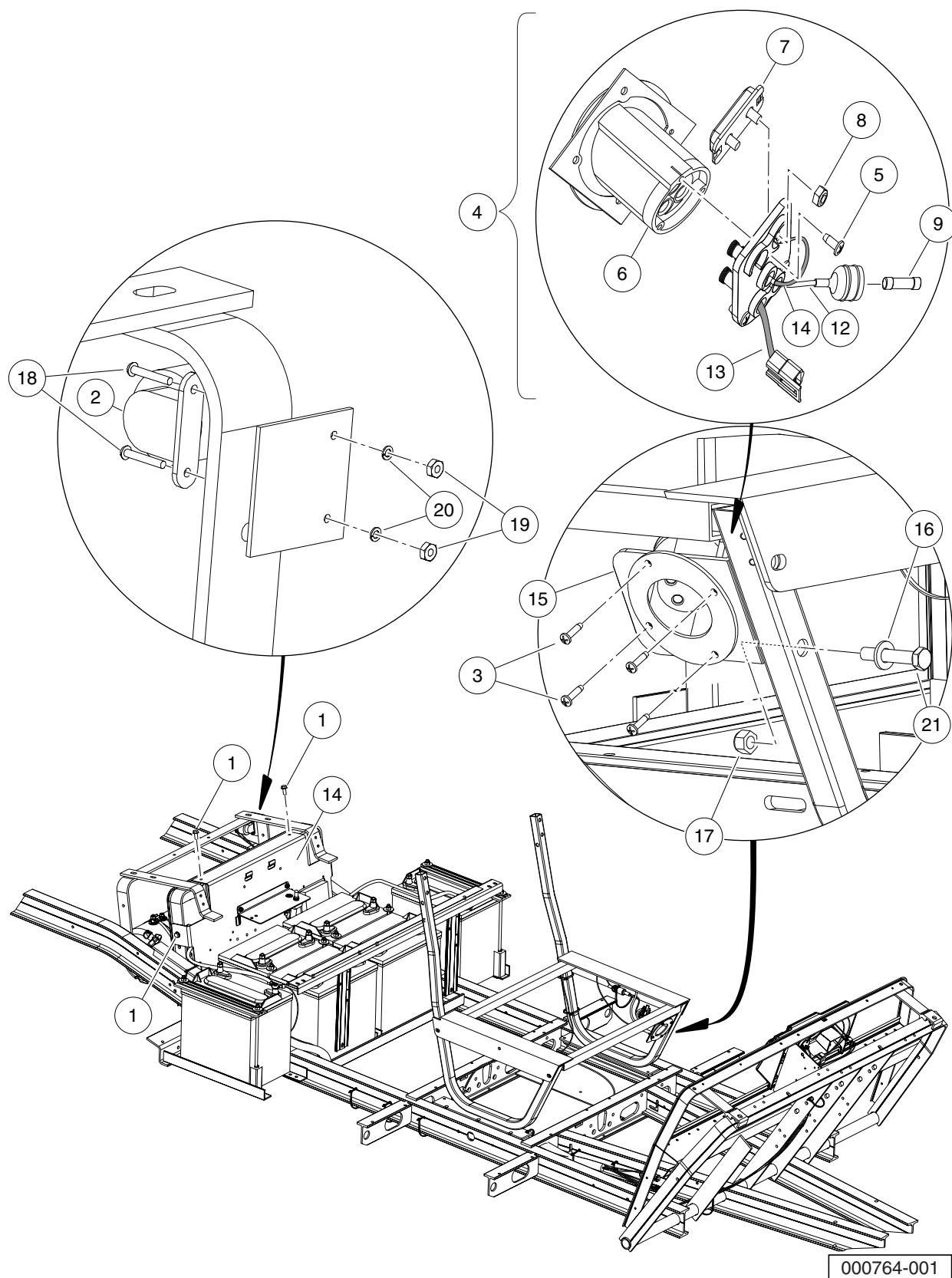
000348-006

# TAIL LIGHTS

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ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1011497	Bezel, Taillight .....	1
2	1011557	Screw, #6-32 X 1.00 Hex-Head Machine .....	1
3	1011558	Nut, #6-32 Hex .....	1
4	1017035	Taillight Assembly (includes items 5 through 9) .....	1
5	N/A	Light, Tail (includes items 6 through 8) .....	1
6	1011582	Taillight Bulb .....	1
7	1011843	Taillight Lens .....	1
8	N/A	Base, Taillight .....	1
9	1017699	Hardware Kit, Tail Light (includes items 10 and 11) .....	1
10	N/A	Gasket .....	1
11	N/A	Screw, Tapered .....	2
12	102915601	Plastic Rivet - Tuflock .....	1
13	7591	Washer, #6 Flat .....	1

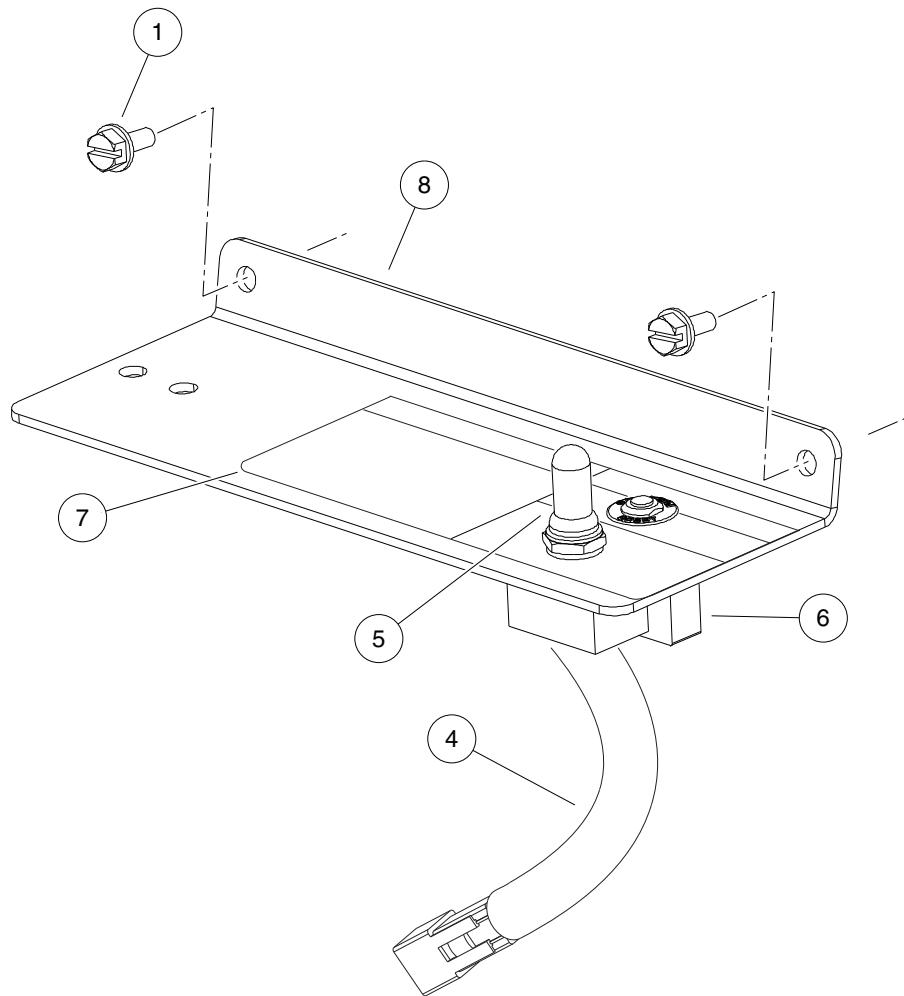
**13****E**

# CHARGER RECEPTACLE

ITEM	PART NO.	DESCRIPTION	QTY	
		1 2 3 4		<b>13</b>
1	1014288	Screw, 5/16-18 X 0.75 Thread-Forming .....	4	
2	1016851	Buzzer, Reverse (9-48 VDC) .....	1	<b>E</b>
3	101832001	Screw, #7-19 X 0.625 Phillips Pan-Head Tap .....	4	
4	102848701	Fuse and Receptacle Assembly (includes items 5 through 12) .....	1	
5	1017705	Screw, #8 X 5/8 Phillips Pan-Head Type AB .....	3	
6	101796501	Receptacle .....	1	
7	101796801	Fuse Assembly (includes item 8) .....	1	
8	1013061	Locknut, #10-32 Nylon Insert .....	2	
9	N/A	Fuse, 3/8-Amp .....	1	
10	N/A	Wire Assembly, Sense Lead, Gray .....	1	
11	N/A	Wire Assembly, #10 Red .....	1	
12	N/A	Wire Assembly, #10 Black .....	1	
13	N/A	Instl, Elec Sys, 48v, Mb .....	1	
14	103214301	Cover, Iq Plus Controller .....	1	
15	103244301	Plate, Receptacle Back .....	1	
16	1241	Washer, 5/16 Type A Flat .....	1	
17	7473	Locknut, 5/16-18 Nylon Insert .....	1	
18	8056	Screw, #4-40 X 0.75 Round-Head Machine .....	2	
19	8057	Nut, #4-40 Hex Machine .....	2	
20	8058	Lockwasher, #4 Split .....	2	
21	8963	Screw, 5/16-18 X 1.75 Hex-Head Cap .....	1	

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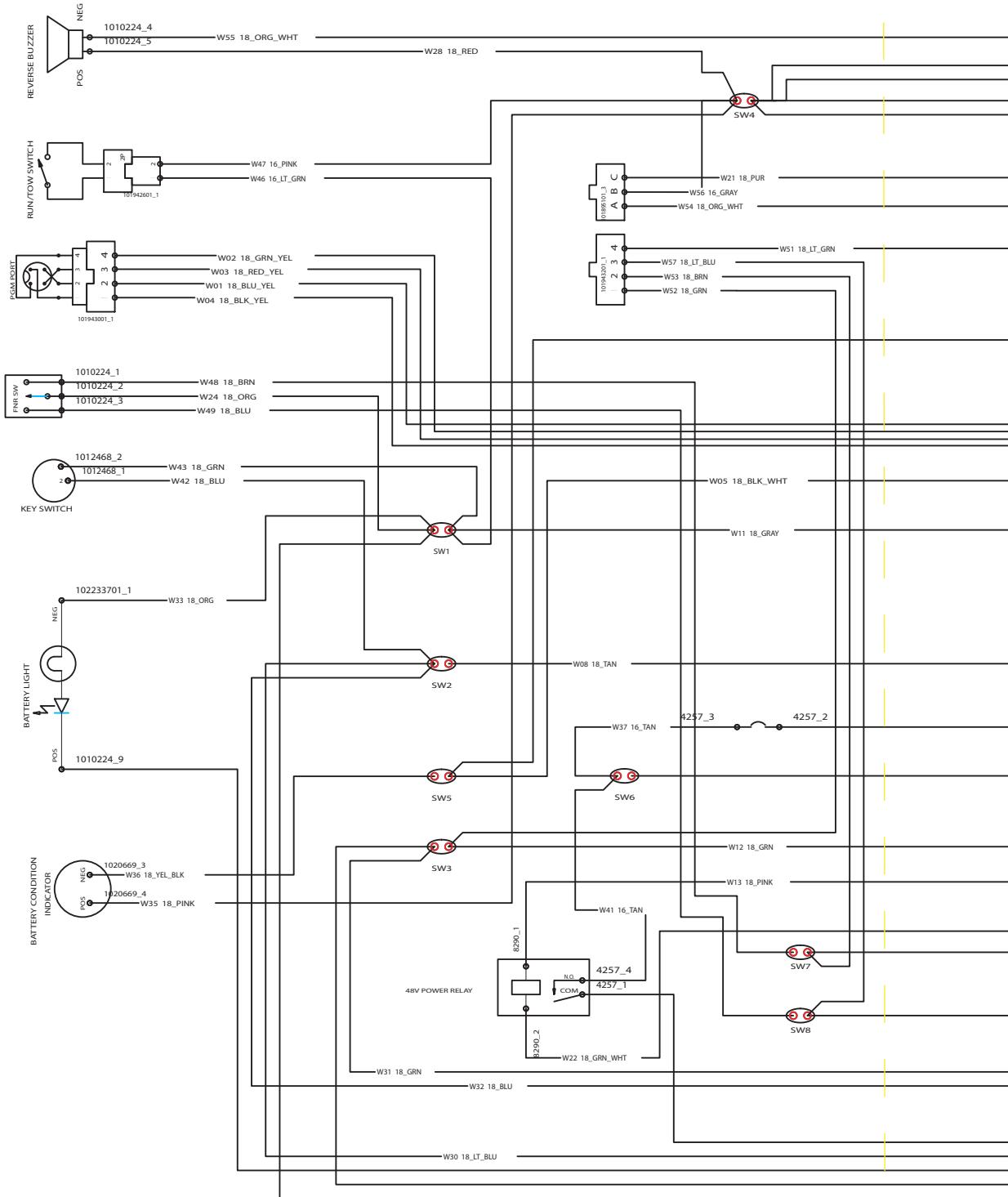
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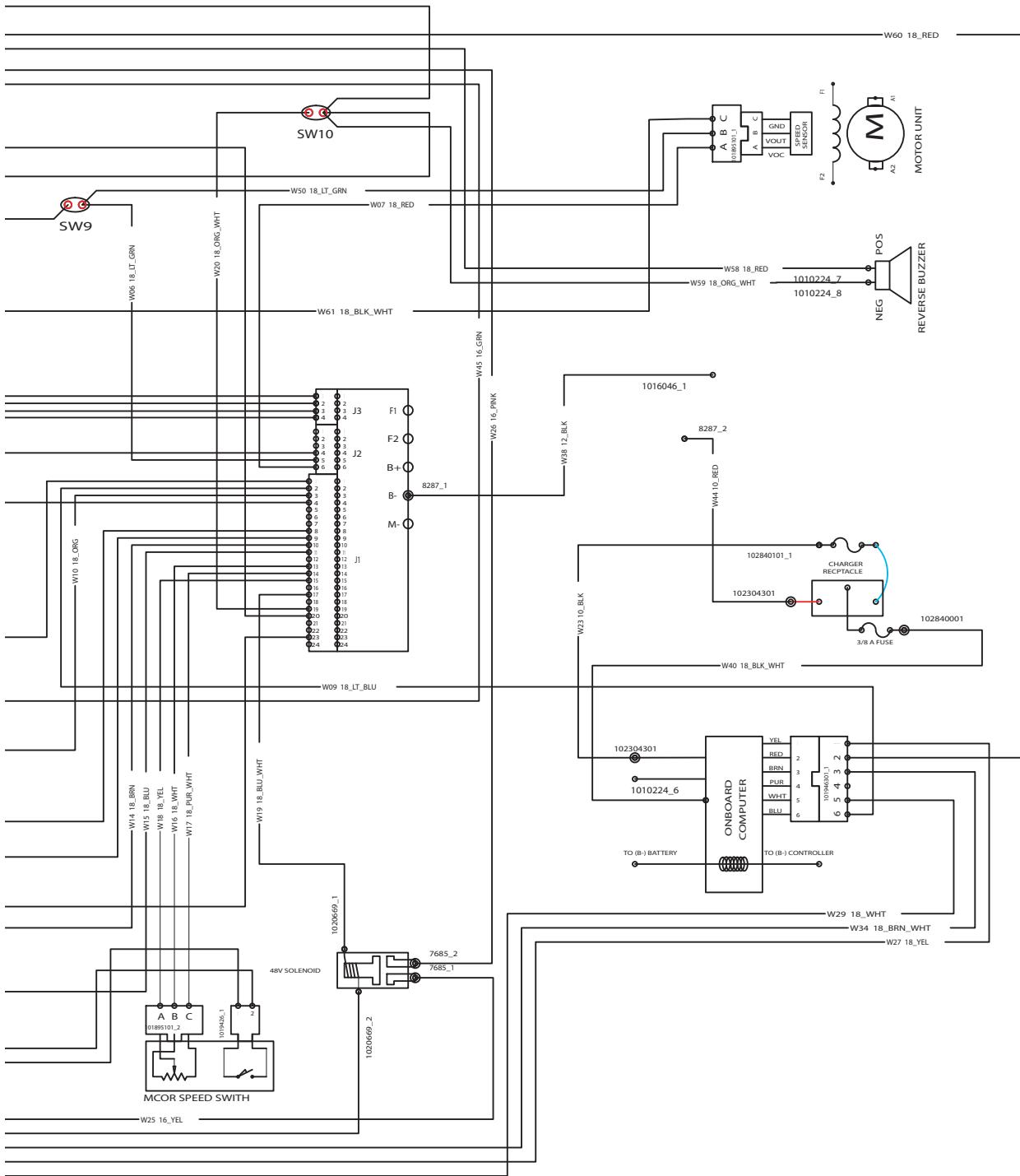
000765-001

## ELECTRICAL SYSTEM – TOW/RUN SWITCH

ITEM	PART NO.	DESCRIPTION	QTY	
		1 2 3 4		<b>13</b>
1	102817101	Screw, 1/4-20 X .50 Hex Wsh Hd .....	2	
2	N/A	Insl, Elec Sys, 48v, Mb .....	1	<b>E</b>
3	N/A	Asm, Tow Switch, Elec, Mb (includes items 4 through 8) .....	1	
4	101908101	Switch Assembly, Tow/Run .....	1	
5	101908401	Boot, Switch .....	1	
6	102838101	Circuit Breaker 250vac-50vdc .....	1	
7	102845101	Decal, Tow Switch .....	1	
8	103259801	Plate, Switch, Run/stow .....	1	



000766-001



000766-001

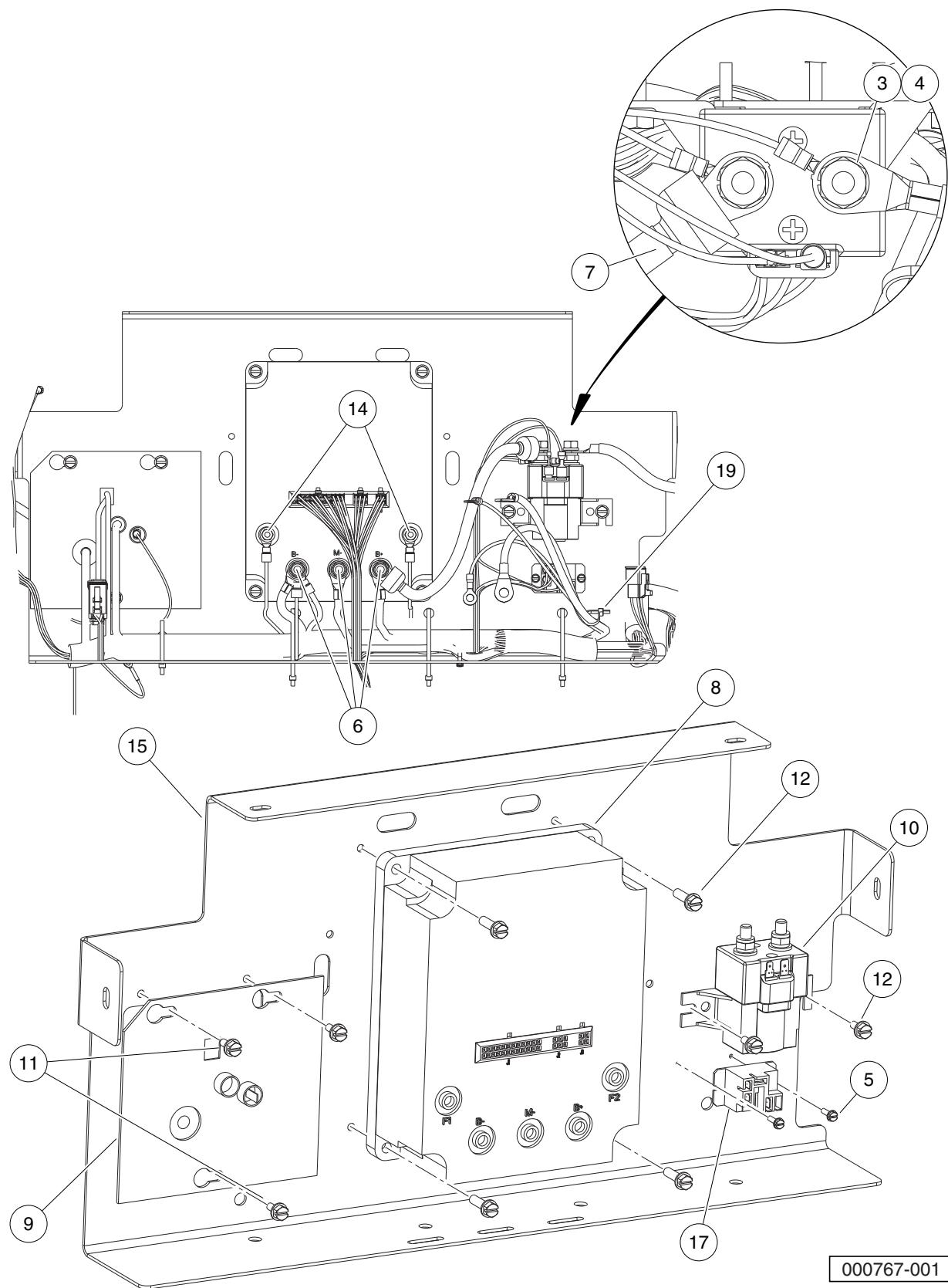
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See previous two pages for illustration.

# WIRING – ELECTRIC VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY	
		1 2 3 4		<b>13</b>
1	102002801	Wire Assy, #4 Black .....	1	
2	102002901	Wire Assy, #4 Black .....	1	
3	N/A	Instl, Elec Sys, 48v, Mb .....	1	
4	103013501	Wire Harness, Elec, Ctl .....	1	
5	103013801	Wire Harness, Power, Rear Plt .....	1	

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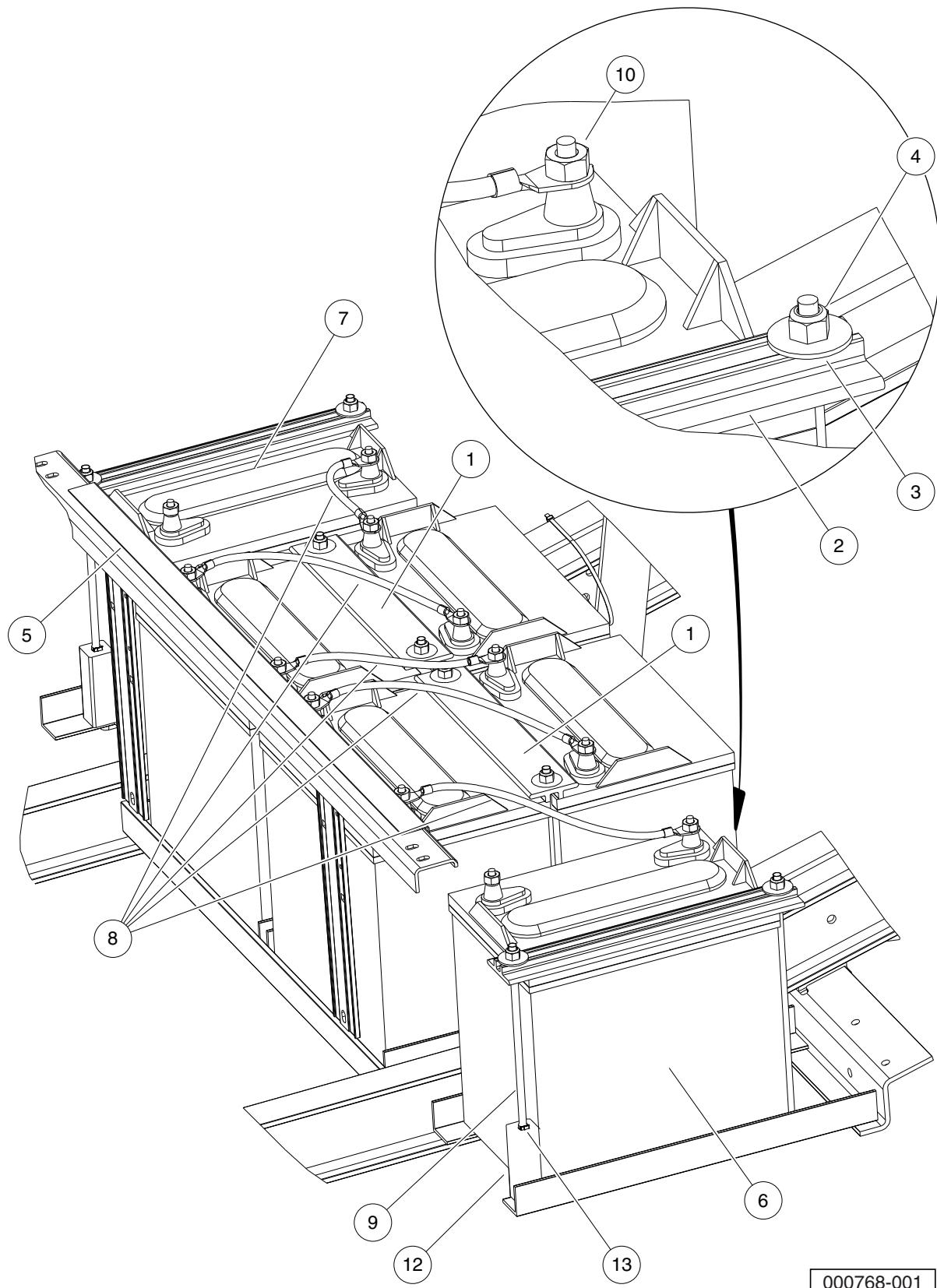
000767-001

# COMPONENT MOUNTING PLATE

ITEM	PART NO.	DESCRIPTION	QTY	
		1 2 3 4		<b>13</b>
1	N/A	Instl, Elec Sys, 48v, Mb .....	1	
2	N/A	Asm, Component Mtg Plate, Ab (includes items 3 through 19) .....	1	<b>E</b>
3	1012528	Nut, M8-1.25 Hex .....	2	
4	1013734	Lockwasher, 8mm Split .....	2	
5	1015720	Screw, #6-32 X 1/2 Hex Washer-Head .....	2	
6	102240501	Bolt, Controller, Terminal .....	3	
7	102440901	Wire Asm, #4 Yellow, 13" .....	1	
8	102774501	Controller, 500 Amp .....	1	
9	102774603	Computer, Onbrd, 8x 6v, 46" .....	1	
10	102774701	Solenoid, 48v .....	1	
11	102817101	Screw, 1/4-20 X .50 Hex Wsh Hd .....	5	
12	102817201	Screw, 1/4-20 X .88 Hex Wsh Hd .....	4	
13	102846402	Asm, #4 Red Wire, 33" .....	1	
14	102859501	Screw, M6 X 1 X 20 Ser Hex Flg .....	2	
15	102963301	Plate, Component Mtg, Elec. .....	1	
16	103414901	Kit, Relay, 48v 30a W/instr (includes items 17 and 18) .....	1	
17	103397901	Relay, Spst No, 48v 30a, Pmt .....	1	
18	N/A	Kit, Relay, 48v 30a Instrns .....	1	
19	8990	Tie Wrap, 8" Nylon .....	4	

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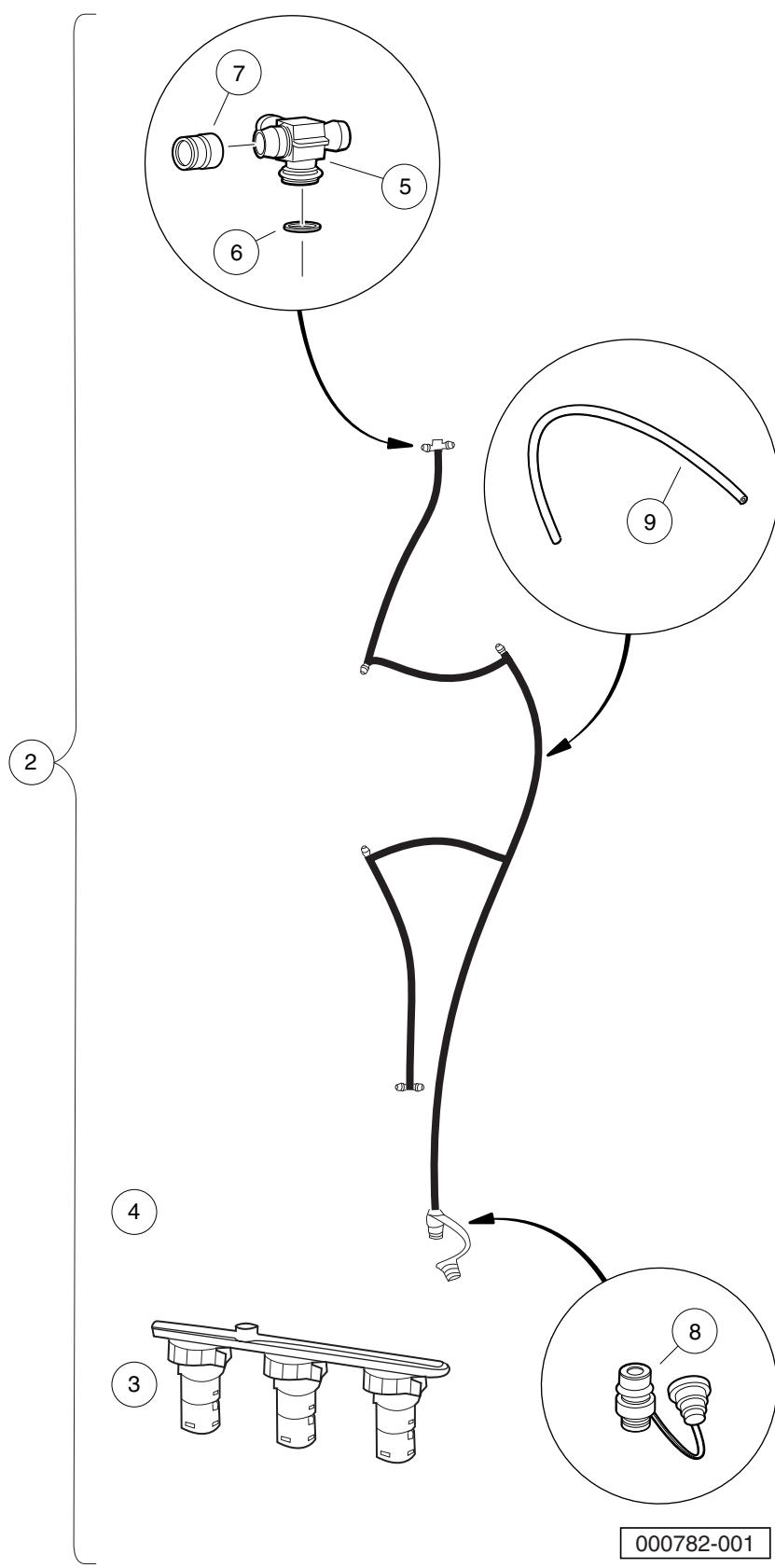
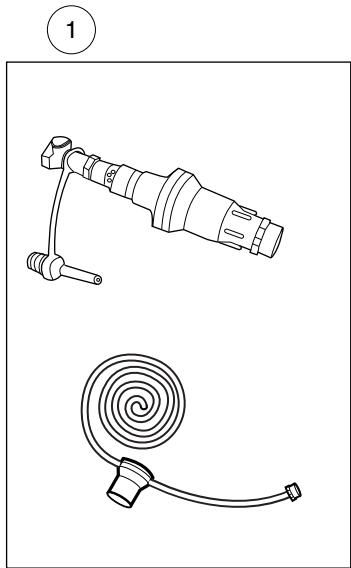
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000768-001

## ELECTRICAL SYSTEM – BATTERIES

ITEM	PART NO.	DESCRIPTION	QTY	
		1 2 3 4		<b>13</b>
1	101090801	Hold-Down, Battery .....	2	
2	101090802	Hold-Down, Battery .....	2	<b>E</b>
3	1011578	Washer, 5/16 Type B Flat .....	8	
4	1015072	Locknut, 5/16-18 Nylon Insert .....	8	
5	101837001	Battery Insulator .....	1	
6	101964201	Battery, 8v Trojan T890 (Wet) (includes item 7) .....	6	
7	101797801	Cap, 4-Gang Battery .....	1	
8	102002801	Wire Assy, #4 Black .....	5	
9	102845203	Rod, Battery Hold Down 10.7" .....	8	
10	102873401	5/16-18 Heavy Hex Nut .....	12	
11	N/A	Instl, Elec Sys, 48v, Mb .....	1	
12	102980801	Extr, Plastic, 1 X 1 X 3 .....	2	
13	102980901	Clamp, Hose, Nylon, .25 .....	2	

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000782-001

# SINGLE POINT WATERING SYSTEM

ITEM	PART NO.	DESCRIPTION	QTY	
		1 2 3 4		<b>13</b>
1	102958001	Kit Regulated Hose Sply Spws .....	1	
2	103236801	Kit, Spws, 8v (includes items 3 through 9) .....	1	
3	102956401	Manifold, SPWS (Single-Point Watering System) .....	6	
4	N/A	Instr Spws Kit Prec Ds Fr .....	1	
5	103226201	Fitting Spws Swivel T .....	6	
6	103226301	O-ring Spws Swivel T .....	6	
7	103226401	Cap Spws Swivel T Red .....	7	
8	103226601	Coupler Male Spws Supply .....	1	
9	103226701	Tubing Spws .....	1	

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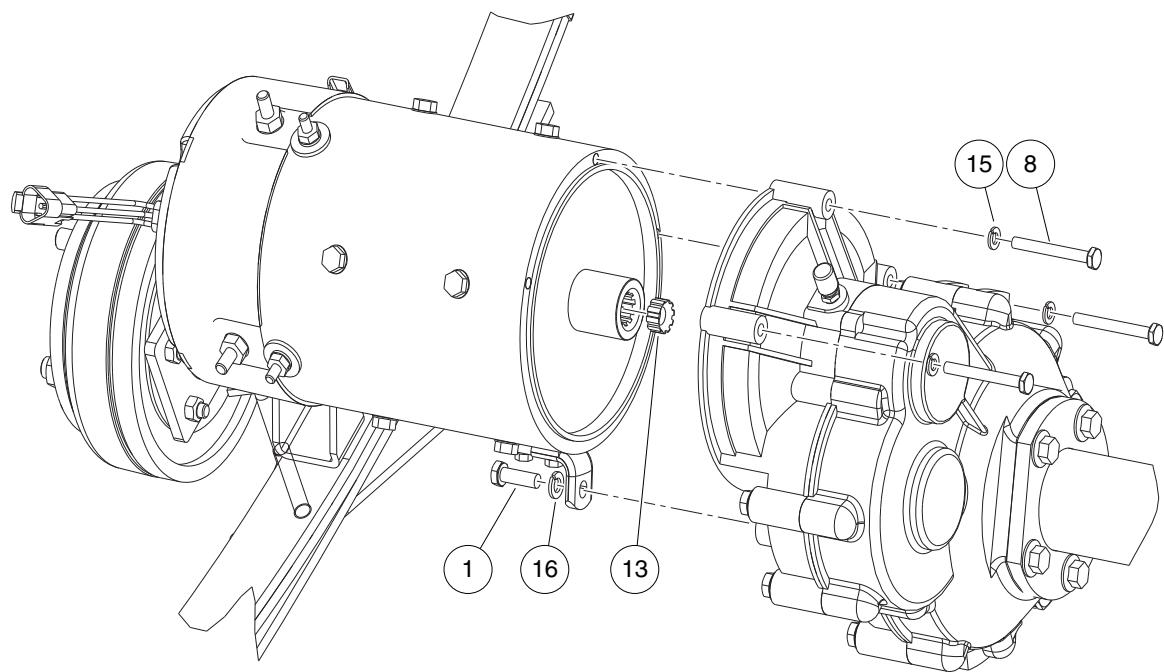
# ELECTRIC MOTOR

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**14**

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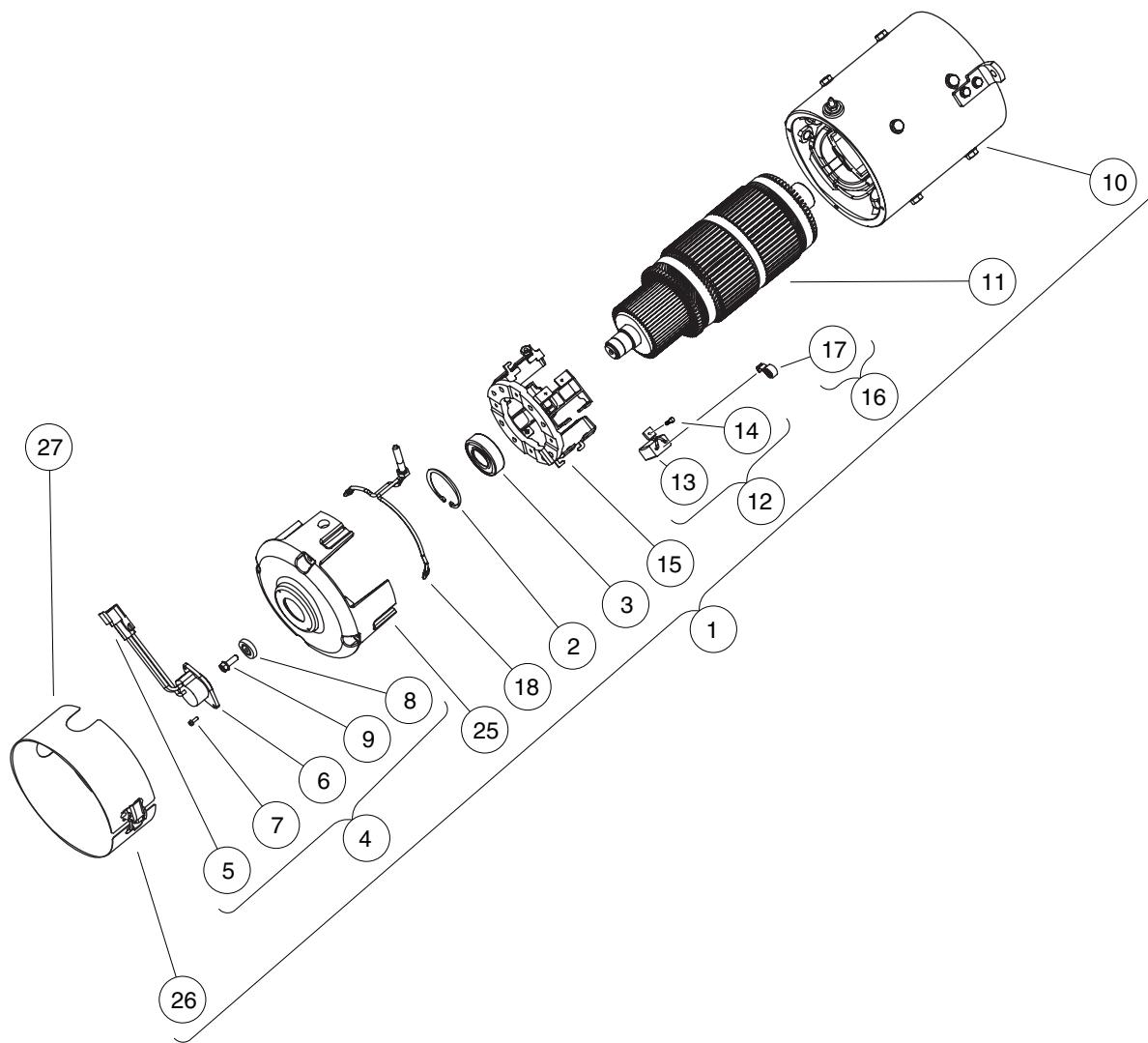
000758-001

## DRIVE UNIT MOUNTING

ITEM	PART NO.	DESCRIPTION	QTY	
		1 2 3 4		<b>14</b>
1	1010934	Screw, 5/16-18 X 1.00 Hex Cap .....	1	
2	1014201	Screw, 1/4-20 X 2.25 Hex Cap .....	3	<b>E</b>
3	102235201	Bumper, Drive Unit .....	1	
4	451	Lockwasher, 1/4 Split .....	3	
5	7174	Lockwasher, 5/16 Split .....	1	

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000411-003

# ELECTRIC MOTOR (MODEL DA5-4006)

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	14
1	102775101	IQ Plus Electric Motor, 48-VDC 3.7 hp (includes items 2 through 26) .....	1
2	102186301	Ring, 2.24" Internal Retaining .....	1
3	102186401	Bearing, Ball .....	1
4	102704901	Kit, Speed Sensor (includes items 5 through 9) .....	1
5	101942301	Kit, 3-Pin Wedge Lock .....	1
6	N/A	Sensor, Motor Speed, ADC .....	1
7	N/A	Screw, #8-32, Taptite Thread .....	2
8	N/A	Magnet, ADC Motor .....	1
9	N/A	Screw, 1/4-20 x 0.5 .....	1
10	N/A	Asm, Frame And Field, 3.7 Hp .....	1
11	N/A	Armature (Includes external hardware - not shown) .....	1
12	102938601	Kit, Brush, 3.7 Hp (includes items 13 and 14) .....	1
13	N/A	Brush, Motor .....	8
14	N/A	Screw, Taptite .....	8
15	102938701	Asm, Brush Box, 3.7 Hp .....	1
16	102938801	Kit, Brush Spring, 3.7 Hp (includes item 17) .....	1
17	N/A	Brush Spring .....	8
18	102938901	Kit, Brush Lead Asm, 3.7 Hp (includes items 19 through 24) .....	1
19	N/A	Terminal and Lead Assembly .....	2
20	N/A	Insulator, Terminal .....	2
21	N/A	Washer, Insulating .....	2
22	N/A	Washer, Flat, 5/16, Brass/Bronze .....	2
23	N/A	Nut, 5/16, Steel .....	4
24	N/A	Lockwasher, 5/16, Steel .....	2
25	102939001	Commutator End Head, 3.7 Hp .....	1
26	102939101	Sealed Headband, 3.7 Hp .....	1
27	102939102	Vented Headband, 3.7 HP (optional - not shown) .....	1
		Note: Brush Lead Asm Kit includes 2 sets of wire assemblies, terminal hardware, and terminal insulators (not shown).	

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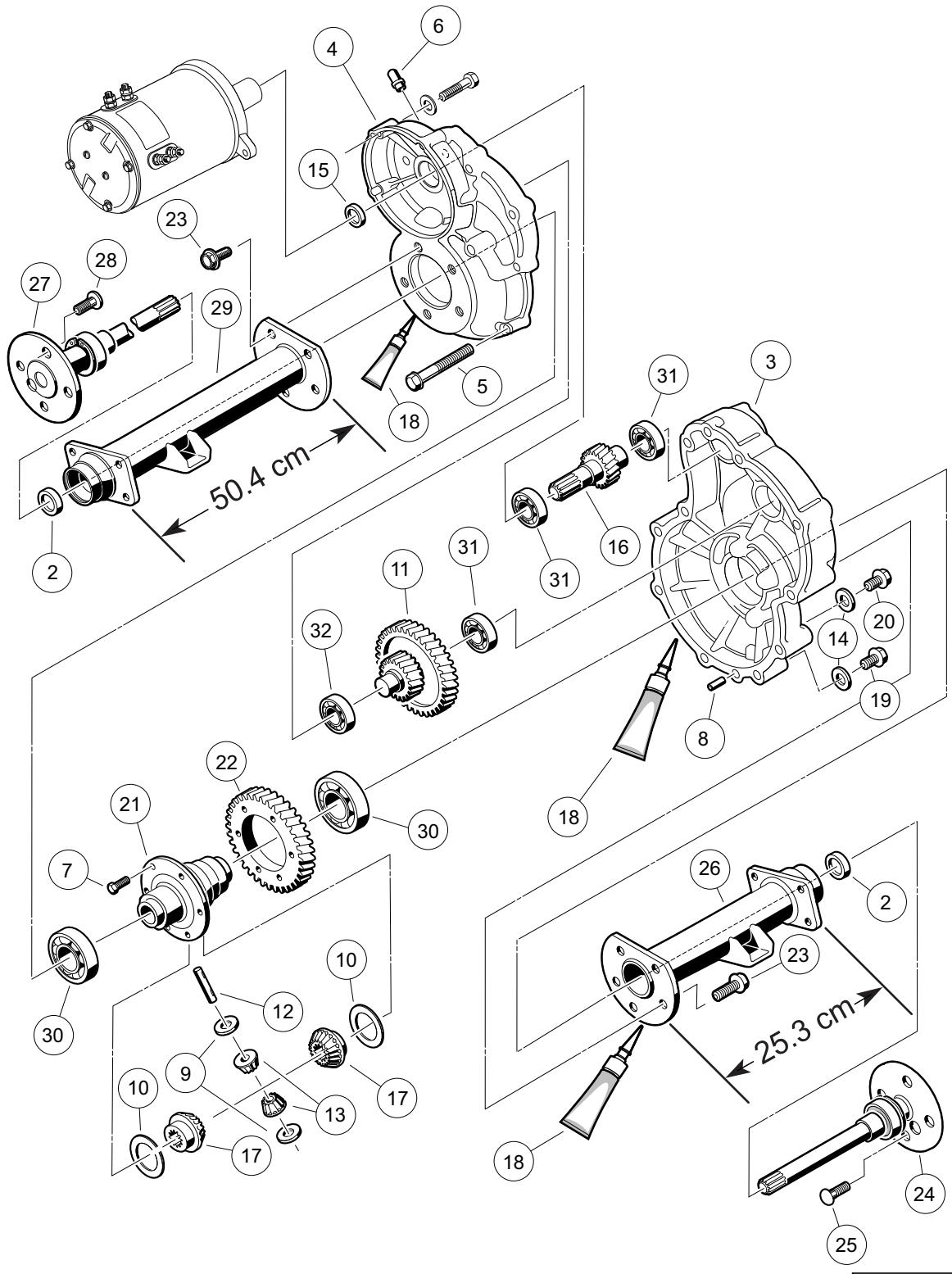
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# **TRANSAXLE – ELECTRIC VEHICLE**

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**E**



# TRANSAXLE – (TYPE G)

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	102771701	Transaxle, Electric (includes items 2 through 32) .....	1
2	1013794	Axle Shaft Oil Seal .....	2
3	101895401	Gear Case, Left-Hand .....	1
4	101895501	Gear Case, Passenger-Side .....	1
5	101897001	Screw, M8-1.25 X 60mm Hex-Head .....	11
6	101897201	Breather .....	1
7	101897401	Screw, M10-1.25 X 25mm .....	6
8	101897601	Pin, 11mm OD X 8.5mm ID X 10mm .....	2
9	101903601	Washer, Thrust .....	2
10	101903701	Washer, Thrust .....	2
11	101906901	Intermediate Shaft Assembly .....	1
12	101922101	Pin, 15.99mm X 88.7mm Dowel .....	1
13	101923001	Gear, Differential Idler .....	2
14	101923201	Gasket .....	2
15	101923501	Seal, Lip .....	1
16	101923701	Shaft, Input .....	1
17	101923901	Gear, Differential .....	2
18	101928701	Liquid Gasket (Transaxle case) .....	1
19	101972101	Plug, M14-1.5 X 12mm Magnetic .....	1
20	101972201	Plug, M14-1.5 X 12mm Hex .....	1
21	102356601	Housing, Differential, 6 Bolt .....	1
22	102356801	Gear, Differential Output, 6-Bolt .....	1
23	102357001	Screw, Flg Hd M10 X 1.5 X 30 .....	10
24	102886301	Axle Assembly, Driver-Side (includes item 25) .....	1
25	101922201	Lug Stud .....	4
26	102886401	Tube, Axle, Driver-Side .....	1
27	102886501	Axle Assembly, Passenger-Side (includes item 28) .....	1
28	101922201	Lug Stud .....	4
29	102886601	Tube, Axle, Passenger-Side .....	1
30	7330	Inner Axle Tube Bearing .....	2
31	7335	Bearing .....	3
32	7336	Bearing .....	1

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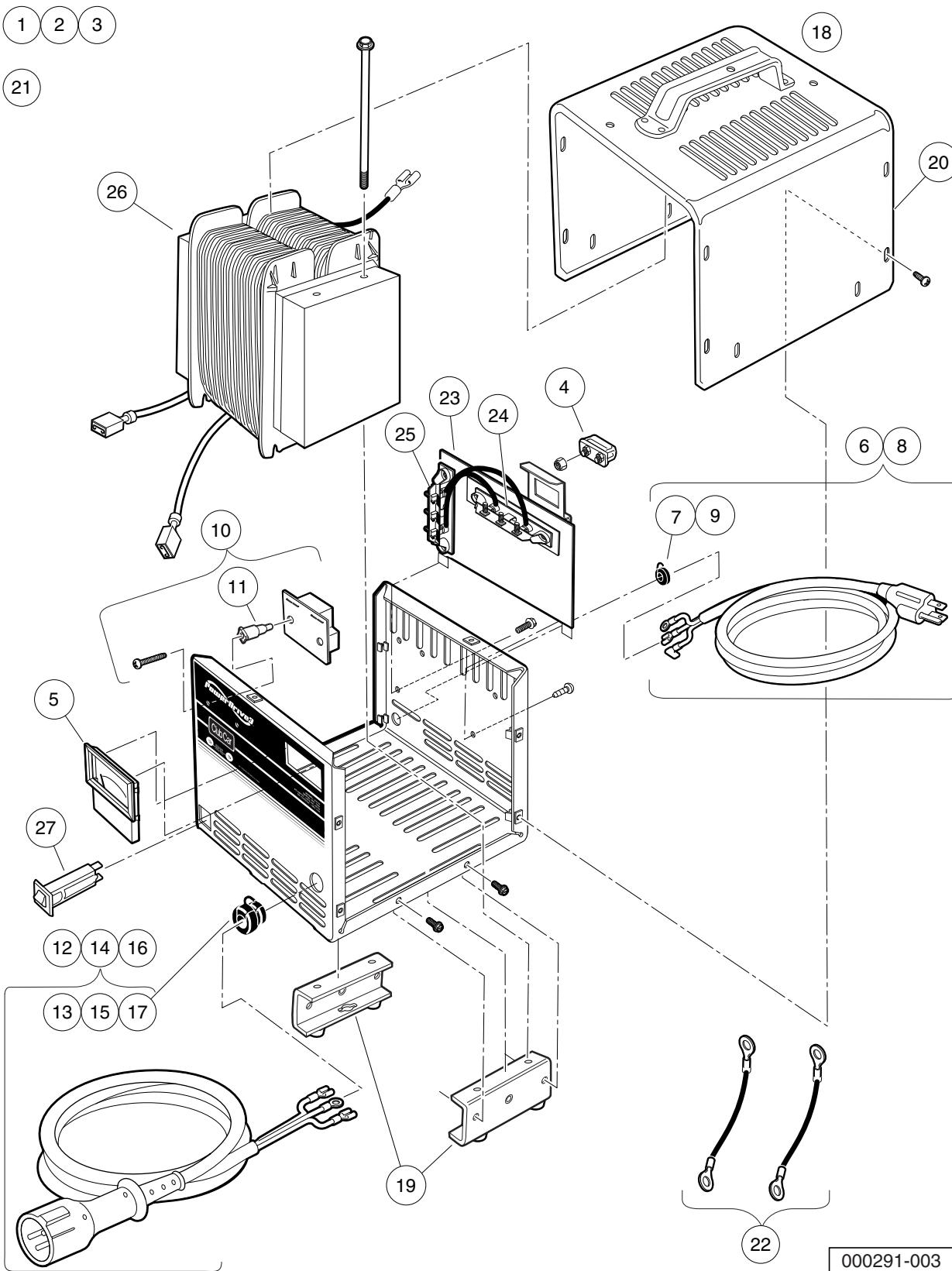
# BATTERY CHARGER

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**16**

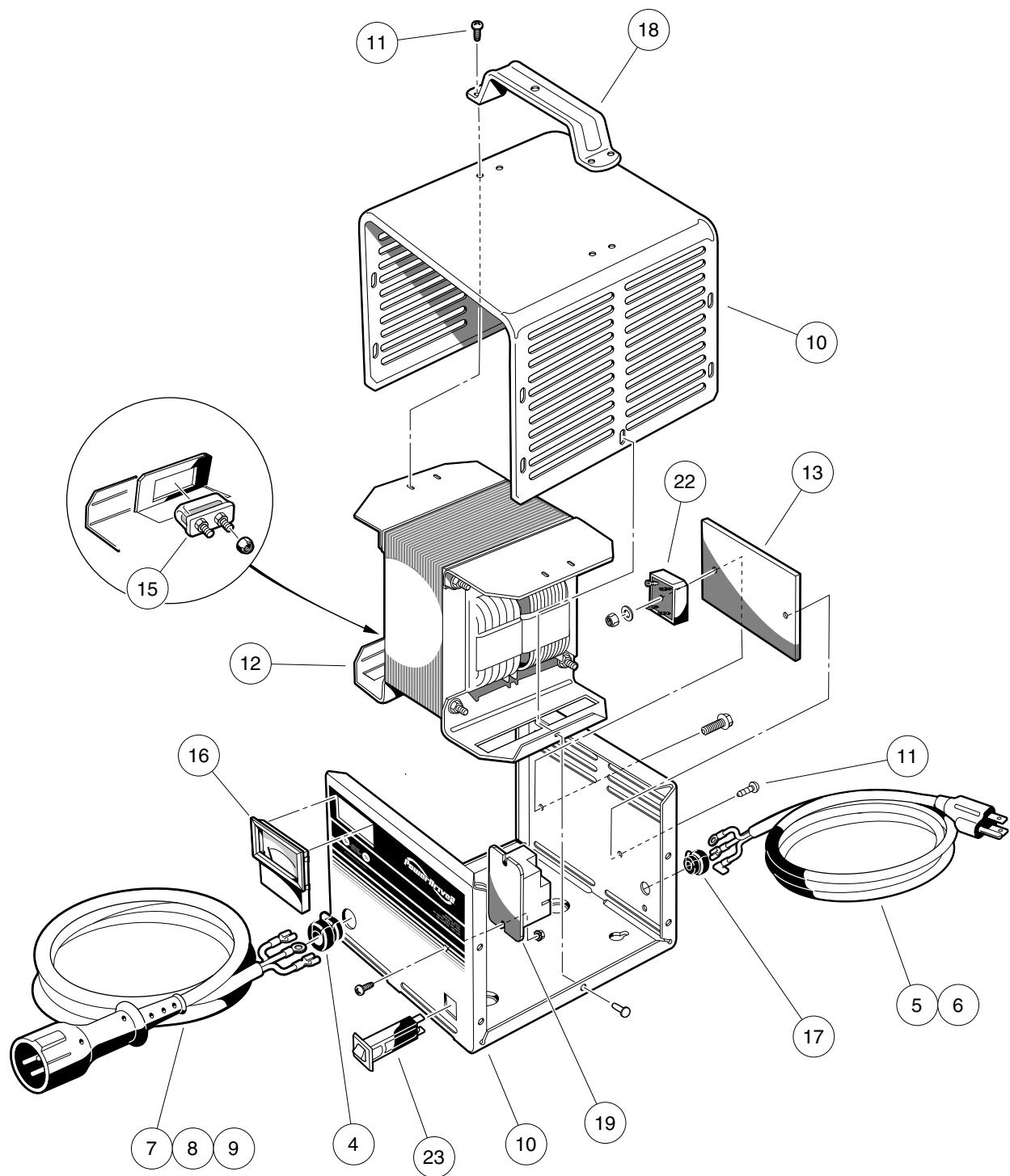
1 2 3

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000291-003

# POWERDRIVE 3 BATTERY CHARGER, DOMESTIC

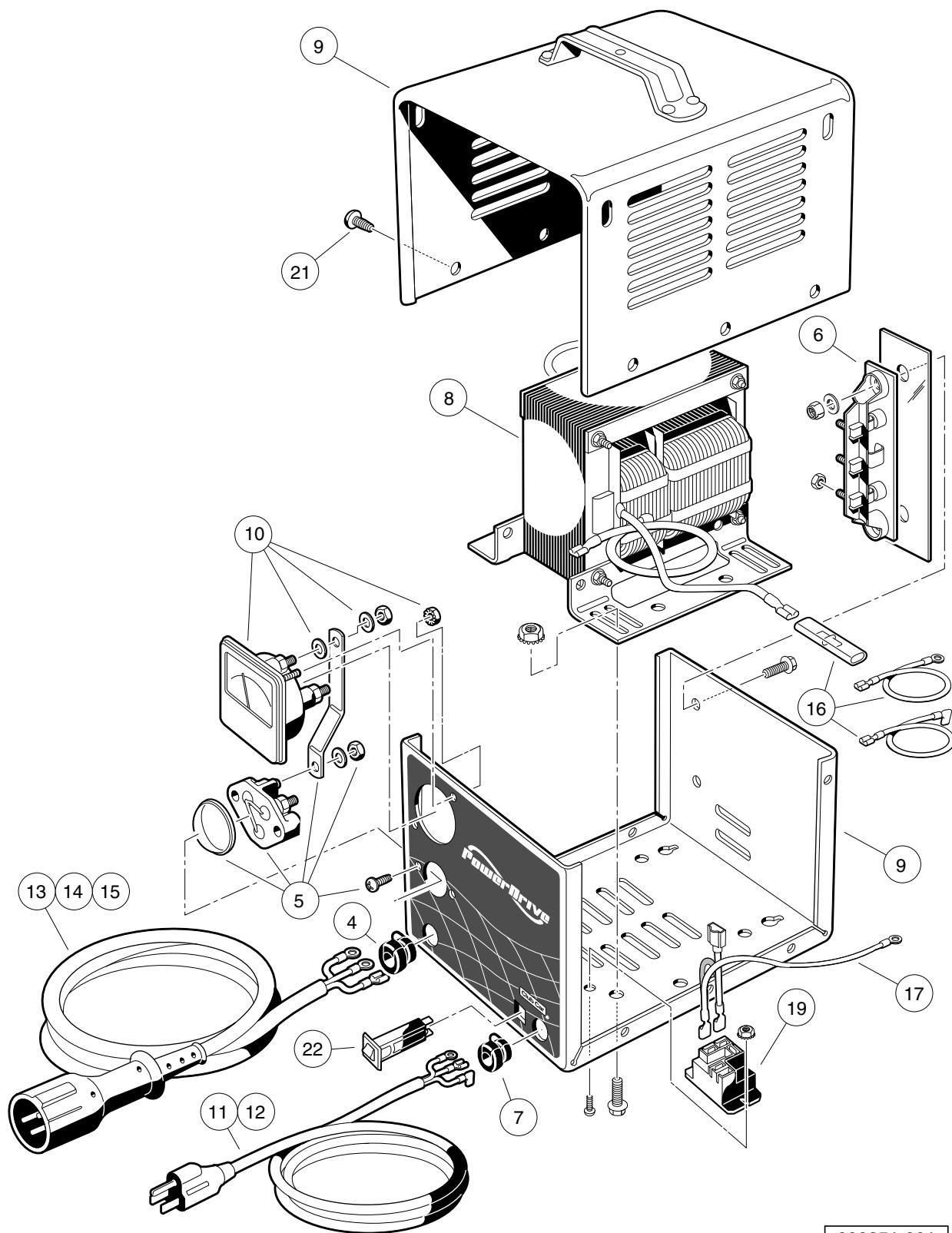
ITEM	PART NO.	DESCRIPTION	QTY	
		1 2 3 4		<b>16</b>
1	103717001	Chgr, Pd3 Stnry, 9Dc6'Ac'	1	
2	103717002	Chgr, Pd3 Stnry, 12Dc9'Ac'	1	
3	103717003	Chgr, Pd3 Stnry, 20Dc9'Ac'(includes items 4 through 27)	1	
4	102273701	PD2 Fuse Asm	1	
5	102273801	PD2 Ammeter	1	
6	103428501	Kit, PD3 Cordset - AC 80" (includes item 7)	1	
7	102273901	PD2 AC Cord Bushing	1	
8	103428601	Kit, PD3 Cordset, - AC 114" (includes item 9)	1	
9	102273901	PD2 AC Cord Bushing	1	
10	103428701	Asm, PD3 Board Relay (includes item 11)	1	
11	103429701	PD3 Plastic Stand-Offs	2	
12	103429001	PD3 Cordset - DC 113" (includes item 13)	1	
13	1012098	Bushing, DC Cord	1	
14	103429101	PD3 Cordset - DC 154" (includes item 15)	1	
15	1012098	Bushing, DC Cord	1	
16	103429201	PD3 Cordset - DC 205" (includes item 17)	1	
17	1012098	Bushing, DC Cord	1	
18	103429301	Asm, PD3 Case (includes items 19 and 20)	1	
19	103434001	Asm, PD3 Legs	1	
20	103439901	PD3Case Top (Includes Handle)	1	
21	103429501	Kit, PD3 Hardware	1	
22	103513001	Wire Asm Kit Blk Pd3	1	
23	103517401	Kit Pd3 Button Diode (includes items 24 and 25)	1	
24	103512801	Asm Diode Top	1	
25	103512901	Asm Diode Side	1	
26	103779601	Transformer, Pd3, AI	1	
27	CCX8506	Circuit Breaker, 15-Amp/120-Volt	1	



000291-001

# POWERDRIVE 2 BATTERY CHARGER (MODEL 22110), DOMESTIC

ITEM	PART NO.	DESCRIPTION	QTY	
		1 2 3 4		16
1	101802204	48-V/13-A PowerDrive 2 (9-ft. DC, 6-ft. AC) .....	1	E
2	101802205	48-V/13-A PowerDrive 2 (12-ft. DC, 9-ft. AC) .....	1	
3	101802206	48-V/13-A PowerDrive 2 (20-ft. DC, 9-ft. AC) (includes items 4 through 23) .....	1	
4	1012098	Bushing, DC Cord .....	1	
5	101828801	Cord, AC, 80-Inch (203 cm) .....	1	
6	101828802	Cord, AC, 108-Inch (274 cm) .....	1	
7	101828904	PD2 DC Cordset, 113-inch .....	1	
8	101828905	PD2 DC Cordset, 154-inch .....	1	
9	101828906	Pd2 Dc Cordset 250 Inch .....	1	
10	102273201	PD2 Case (includes item 11) .....	1	
11	7577	Screw, #10 X 0.50 Phillips Pan-Head .....	12	
12	102273301	PD2 Transformer Asm .....	1	
13	102273401	PD2 Heatsink .....	1	
14	102273601	PD2 Wire Asm .....	1	
15	102273701	PD2 Fuse Asm .....	1	
16	102273801	PD2 Ammeter .....	1	
17	102273901	PD2 AC Cord Bushing .....	1	
18	102274001	PD2 Handle .....	1	
19	103414901	Kit, Relay, 48v 30a W/instr (includes items 20 and 21) .....	1	
20	103397901	Relay, Spst No, 48v 30a, Pmt .....	1	
21	N/A	Kit, Relay, 48v 30a Instrns .....	1	
22	103517601	Pd2 Rectifier Kit .....	1	
23	CCX8506	Circuit Breaker, 15-Amp/120-Volt .....	1	
		Note: Item 16 not shown. Level 1 Battery Charger part numbers include one AC and one DC cord. They do not include all of the level 2 cords listed.		

**16****E**

000351-001

# POWERDRIVE BATTERY CHARGER (MODEL 17930), DOMESTIC

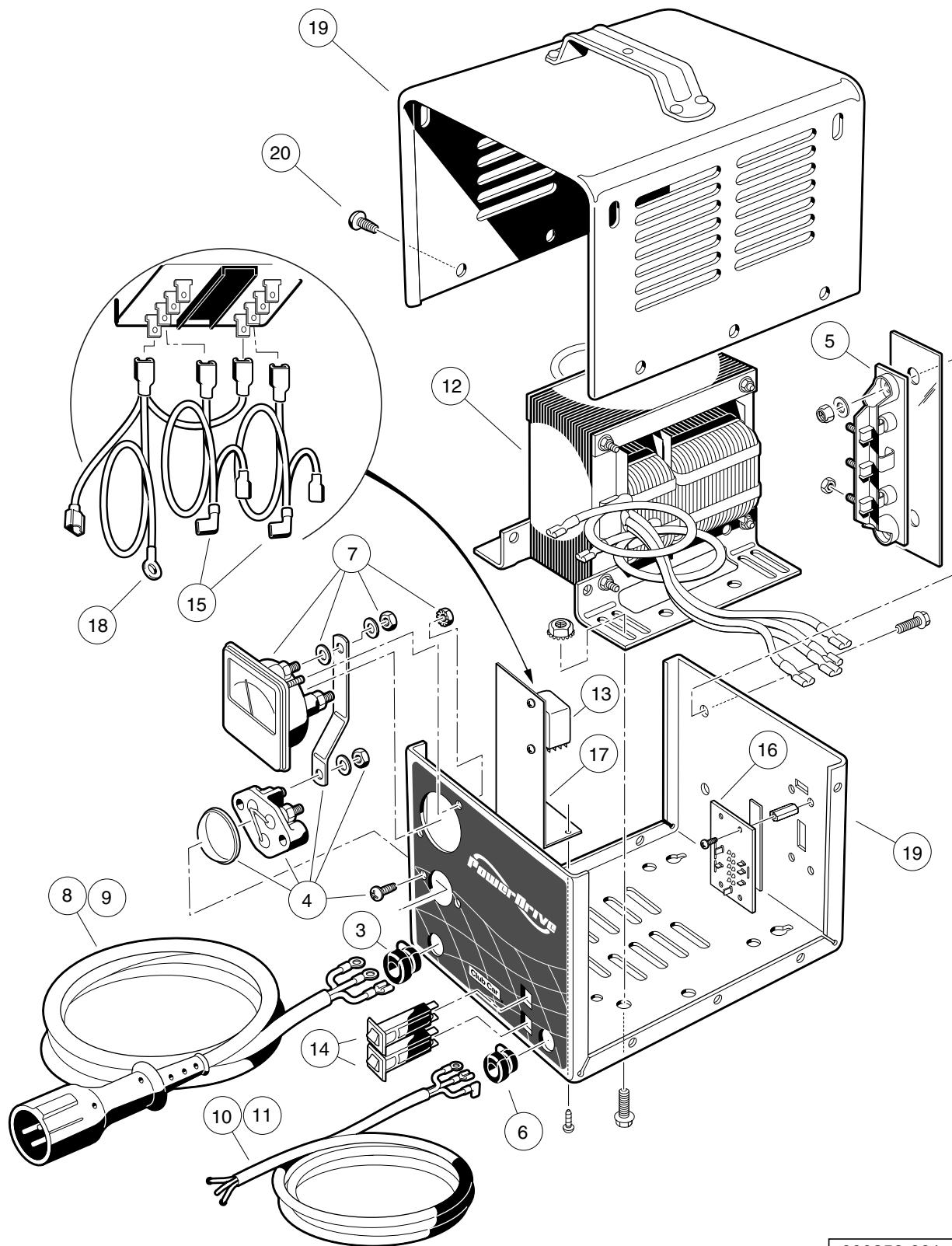
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	101802201	48V/17A PowerDrive (9-ft DC, 6-ft AC Cord) .....	1
2	101802202	48V/17A PowerDrive (12-ft DC, 9-ft AC Cord) .....	1
3	101802203	48V/17A PowerDrive (20-ft DC, 9-ft AC Cord) (includes items 4 through 22) .....	1
4	1012098	Bushing, DC Cord .....	1
5	1012101	Fuse Assembly .....	1
6	1015914	Rectifier with Heatsink Assembly .....	1
7	1015917	Bushing, AC Cord .....	1
8	****	Transformer, Battery Charger .....	1
9	101828301	Case Assembly .....	1
10	101828501	Ammeter .....	1
11	101828801	Cord, AC, 80-Inch (203 cm) .....	1
12	101828802	Cord, AC, 108-Inch (274 cm) .....	1
13	101828901	Cord, DC, 113-Inch (287 cm) .....	1
14	101828902	Cord, DC, 154-Inch (391 cm) .....	1
15	101828903	Cord, DC, 250-Inch (635 cm) .....	1
16	101831101	Wire Assembly Kit .....	1
17	101914401	Assembly, Voltage Suppressor .....	1
18	103414901	Kit, Relay, 48v 30a W/instr (includes items 19 and 20) .....	1
19	103397901	Relay, Spst No, 48v 30a, Pmt .....	1
20	N/A	Kit, Relay, 48v 30a Instrns .....	1
21	7577	Screw, #10 X 0.50 Phillips Pan-Head .....	10
22	CCX8506	Circuit Breaker, 15-Amp/120-Volt .....	1

\*\*\*\* Special order item available upon request.

Note: Level 1 Battery Charger part numbers include one AC and one DC cord.  
They do not include all of the level 2 cords listed.

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**16****E**

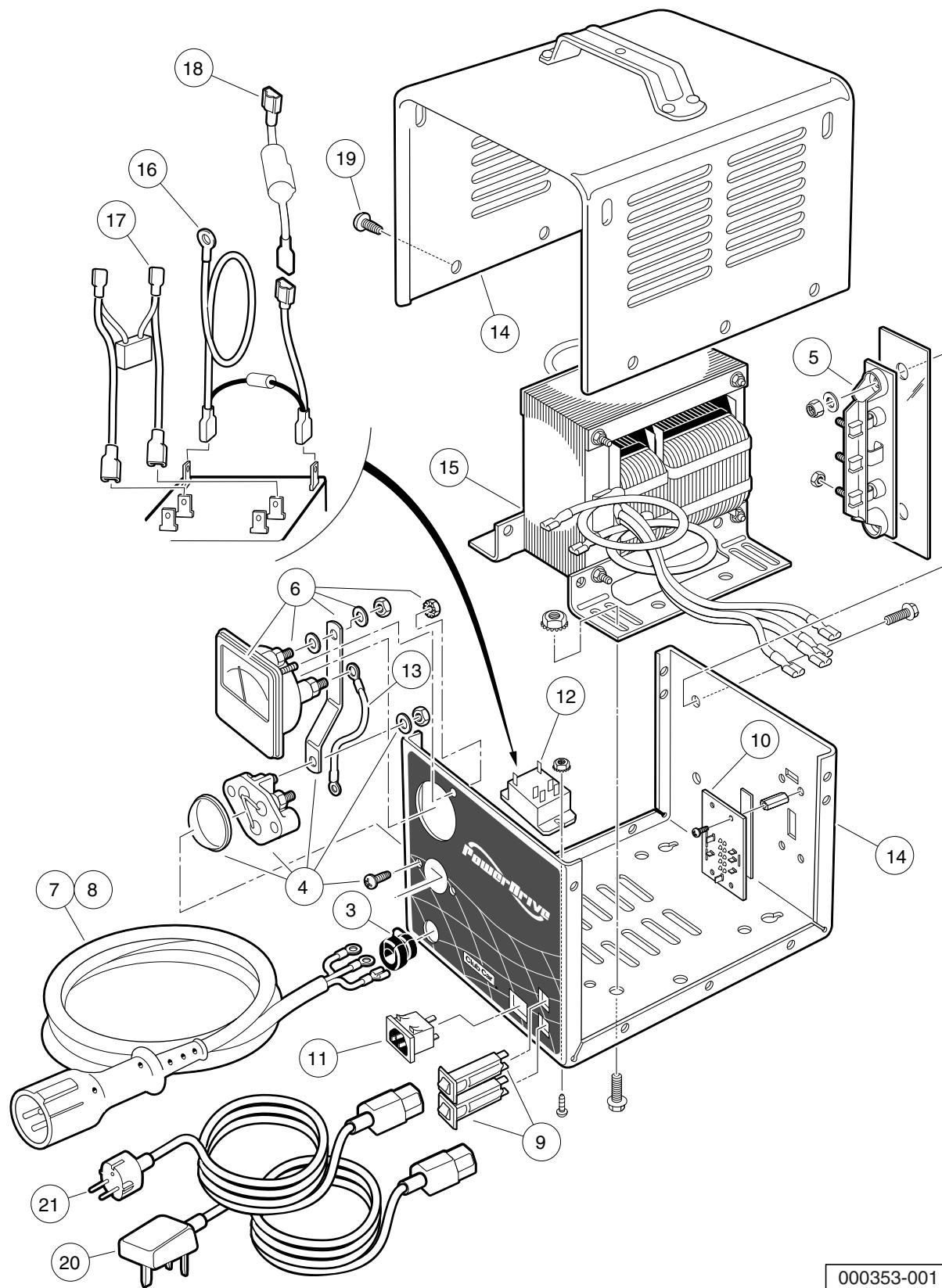
000352-001

# POWERDRIVE BATTERY CHARGER (MODEL 18780), EXPORT

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	101831503	Battery Charger, 48-Volt DC (8.5-ft DC, 6-ft AC) .....	1
2	101831504	Battery Charger, 48-Volt DC (12-ft DC, 9-ft AC) (includes items 3 through 20) .....	1
3	1012098	Bushing, DC Cord .....	1
4	1012101	Fuse Assembly .....	1
5	1015914	Rectifier with Heatsink Assembly .....	1
6	1015917	Bushing, AC Cord .....	1
7	101828501	Ammeter .....	1
8	101828901	Cord, DC, 113-Inch (287 cm) .....	1
9	101828902	Cord, DC, 154-Inch (391 cm) .....	1
10	101831701	Cord, AC, 80-Inch (203 cm), without Plug .....	1
11	101831702	Cord, AC, 118-Inch (203 cm), without Plug .....	1
12	101838201	Transformer, Export Battery Charger .....	1
13	101838301	Relay, Export Charger .....	1
14	101838401	Circuit Breaker .....	2
15	101838501	Kit, Wire Assembly .....	1
16	101838601	Four-Position Switch .....	1
17	****	Mounting Bracket, Relay .....	1
18	101914401	Assembly, Voltage Suppressor .....	1
19	N/A	Case, Charger .....	1
20	7577	Screw, #10 X 0.50 Phillips Pan-Head .....	10
		**** Special order item available upon request.	
		Note: Level 1 Battery Charger part numbers include one AC and one DC cord. They do not include all of the level 2 cords listed.	

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000353-001

# POWERDRIVE BATTERY CHARGER (MODEL 20310), EUROPEAN

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	101956201	Battery Charger, 48-Volt w/ 4-Position Switch (8.5-ft DC) .....	1
2	101956202	Battery Charger, 48-Volt w/ 4-Pos. Switch (12-ft DC) (includes items 3 through 19) .....	1
3	1012098	Bushing, DC Cord .....	1
4	1012101	Fuse Assembly .....	1
5	1015914	Rectifier with Heatsink Assembly .....	1
6	101828501	Ammeter .....	1
7	101828901	Cord, DC, 113-Inch (287 cm) .....	1
8	101828902	Cord, DC, 154-Inch (391 cm) .....	1
9	101838401	Circuit Breaker .....	2
10	101838601	Four-Position Switch .....	1
11	101973501	Receptacle, AC Cord .....	1
12	101987501	Relay .....	1
13	N/A	Wire, Jumper .....	1
14	N/A	Case, Charger .....	1
15	****	Transformer, European Battery Charger .....	1
16	****	Suppressor, AC Voltage .....	1
17	****	Assembly, Wire .....	1
18	****	Limiter, Current .....	1
19	7577	Screw, #10 X 0.50 Phillips Pan-Head .....	10
20	101958201	Cord, UK, AC, Battery Charger .....	1
21	101958301	Cord, European AC, Battery Charger .....	1
		**** Special order item available upon request.	

Note: Level 1 Battery Charger part numbers include one AC and one DC cord.  
They do not include all of the level 2 cords listed.

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# MAINTENANCE AND SERVICE TOOLS

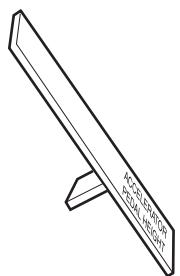
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**17****G****E****D**

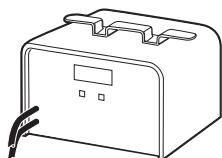
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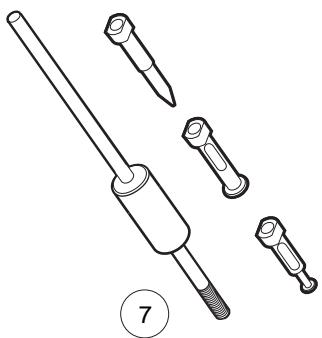
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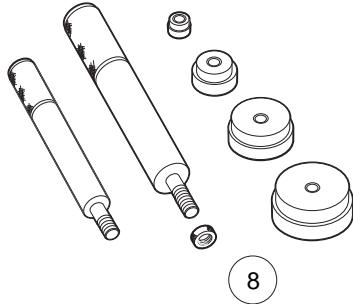
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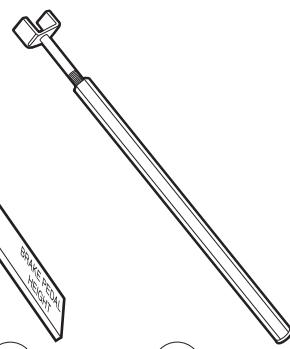
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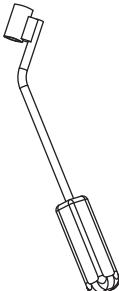


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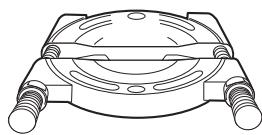


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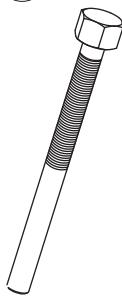
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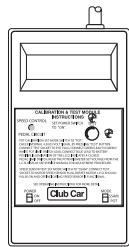
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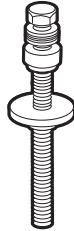
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19



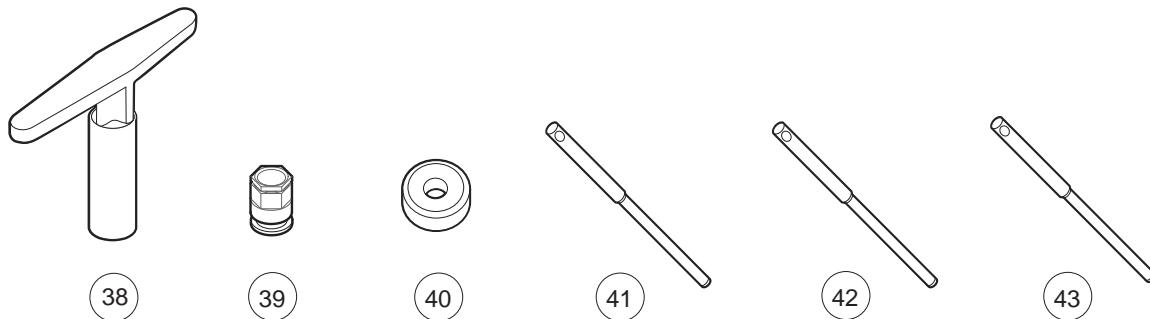
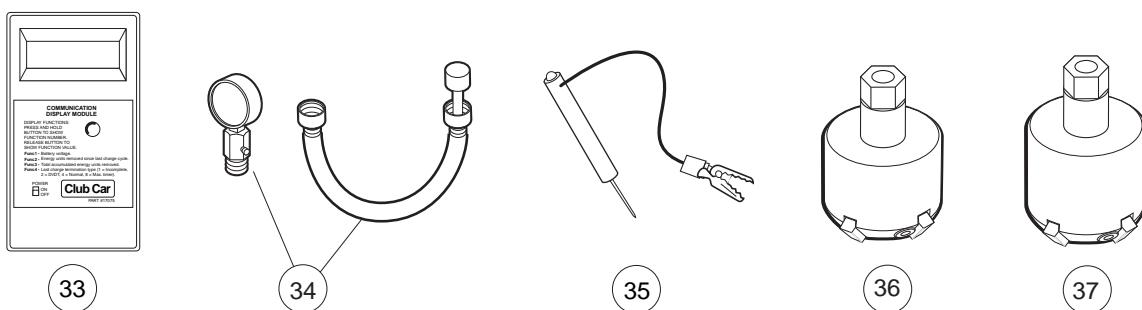
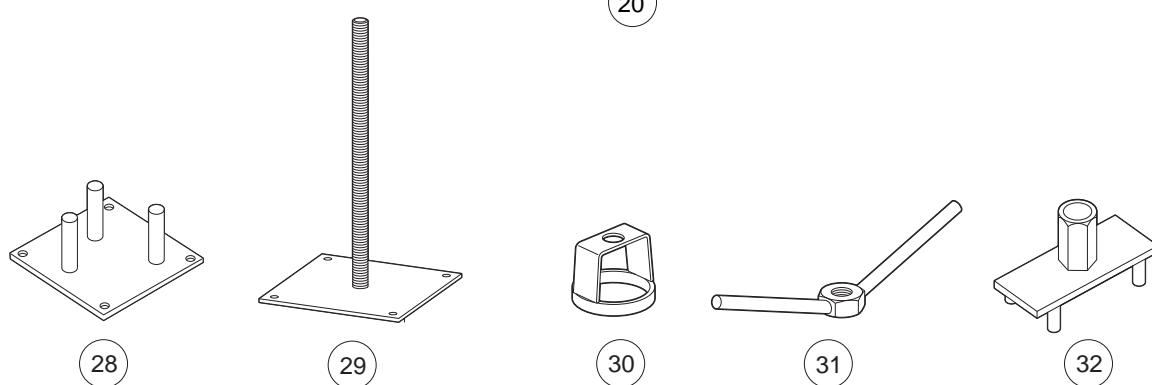
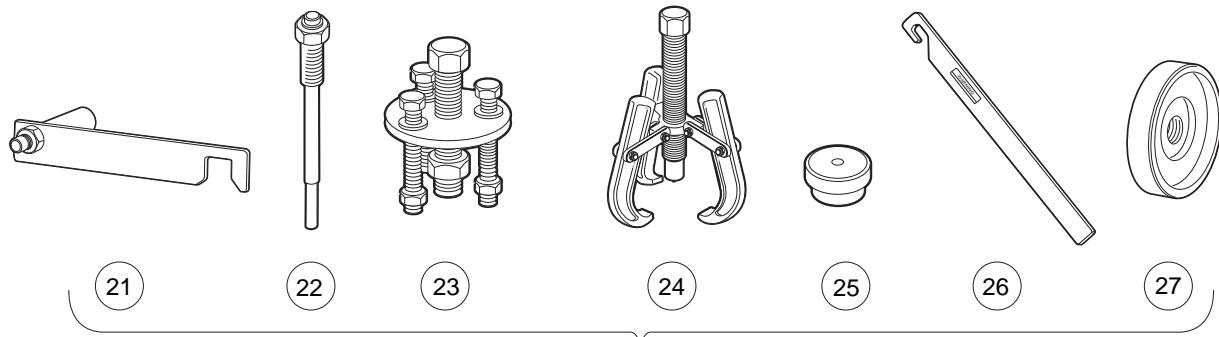
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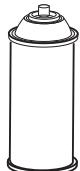
# MAINTENANCE AND SERVICE TOOLS

ITEM	PART NO.	DESCRIPTION	QTY DIESEL	QTY GAS	QTY ELEC	
		<b>1 2 3 4</b> The following tool list includes all tools available from Club Car for maintenance and service procedures for gasoline, electric, and/or diesel vehicles, both past and present models. Be sure to carefully examine the tool list for applicability to your vehicle before ordering.				<b>17</b>
1	101871001	Accelerator Pedal Adjustment Tool .....		1	1	<b>G</b>
2	101813202	Adhesive, Guide Ring, 3-Gram Tube .....			1	<b>E</b>
3	101641202	Arbor .....		1		<b>D</b>
4	101831901	Battery Discharge Machine, 36/48 Volt .....			1	
5	1014305	Battery Terminal Protector Spray .....	1	1	1	
6	1011767	Battery Thermometer .....	1	1	1	
7	1016417	Bearing and Oil Seal Remover Assembly .....	1	1	1	
8	1016416	Bearing Driver Set .....	1	1	1	
9	1012811	Bearing Puller .....	1	1	1	
10	1012812	Bearing Puller Wedge Attachment .....	1	1	1	
11	1013582	Brake Adjustment Tool (used only on vehicles with manually adjusted mechanical brakes) .....		1	1	
12	102555501	Brake Cable Release Tool .....	1	1	1	
13	102249901	Brake Pedal Adjustment Tool Kit (used for the Carryall Electric Industrial Truck only) (includes items 14 and 15).....			1	
14	****	Brake Pedal Adjustment Tool .....			1	
15	****	Brake Pedal Tension Tool .....			1	
16	101887101	Calibration Test Module .....			1	
17	101808401	Cam Installation Tool .....			1	
18	102562401	Charger Bezel Tool .....			1	
19	102686101	Clutch Removal Tool (for 4x4 vehicles) .....	1	1		
		Please refer to the maintenance and service manual for proper tool application.  **** Special order item available upon request				

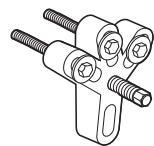
**17****G****E****D**

## MAINTENANCE AND SERVICE TOOLS, CONTINUED

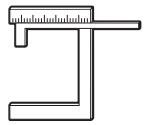
ITEM	PART NO.	DESCRIPTION	QTY DIESEL	QTY GAS	QTY ELEC	
		<b>1 2 3 4</b>				<b>17</b>
20	1014510	Clutch Tool Kit (includes items 21 - 27) .....		1		<b>G</b>
21	1014498	Clutch Alignment Tool (for pre-unitized transaxle vehicles built prior to 1997 model year) .....		1		<b>E</b>
22	1014496	Drive Clutch Puller (for Kawasaki engines only) .....		1		<b>D</b>
23	1014497	Drive Clutch Hub Puller (for Kawasaki engines only) .....		1		
24	1014508	Driven Clutch Cam Puller (for Kawasaki engines only) .....		1		
25	1014507	Driven Clutch Puller Plug (for Kawasaki engines only) .....		1		
26	1015524	Drive Clutch Holder Tool Assembly (for Kawasaki engines only) .....		1		
27	101809101	Press Weldment (for Kawasaki engines only) .....		1		
28	102601501	Drive ClutchFixed Sheave Tool (for 4x4 vehicles) .....	1	1		
29	102603501	Driven Clutch Spring Compression Base (for use with items 30 and 31) (for 4x4 vehicles) .....	1	1		
30	102605201	Driven Clutch Spring Compression Collar (for use with items 29 and 31) (for 4x4 vehicles) .....	1	1		
31	102606101	Driven Clutch Spring Compression Nut (for use with items 29 and 30) (for 4x4 vehicles) .....	1	1		
32	102607501	Drive Clutch Spider Removal Tool (for 4x4 vehicles) .....	1	1		
33	101831801	Communication Display Module .....			1	
34	101641002	Compression Gauge and Adapter .....		1		
35	1011273	Continuity Tester .....		1	1	
36	102773801	Cutter, Valve Seat, #122 .....		1		
37	102773901	Cutter, Valve Seat #115 .....		1		
38	102774101	Wrench, T, #505.....		1		
39	102774101	Adapter, T-Wrench.....		1		
40	102675401	Cutter, Valve Seat, 60 Degree (requires item 51) (for Honda GX620 Gasoline Engines) .....		1		
41	102774201	Pilot, 6.6 MM .....		1		
42	102774301	Pilot, 6.62 MM.....		1		
43	102774401	Pilot, 6.65 MM.....		1		
		Please refer to the maintenance and service manual for proper tool application.				

**17****G****E****D**

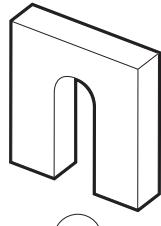
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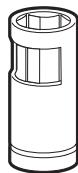
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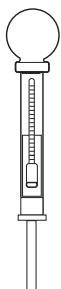
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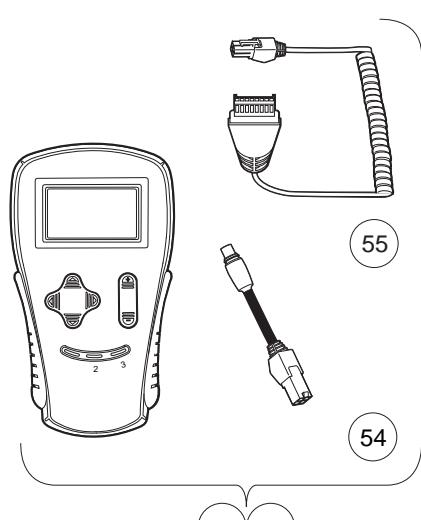
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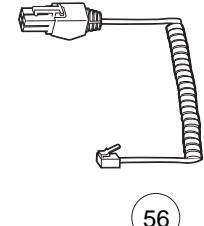
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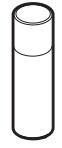
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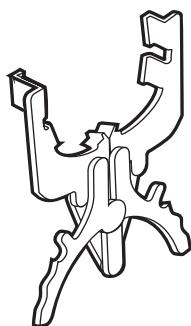
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## MAINTENANCE AND SERVICE TOOLS, CONTINUED

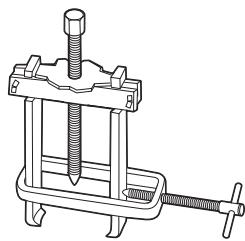
ITEM	PART NO.	DESCRIPTION	QTY DIESEL	QTY GAS	QTY ELEC	
		1 2 3 4				<b>17</b>
44	1012151	Dry Moly Lubricant .....	1	1	1	<b>G</b>
45	1016627	Flywheel Puller Kit (for Kawasaki Engines) .....		1		
46	102669901	Gauge, Carburetor Float Level (for Honda GX620 Gasoline Engines) .....		1		<b>E</b>
47	1016418	Gear Yoke .....	1	1	1	
48	101933101	Governor Shaft Installation Tool (for Kawasaki Engine Vehicles) .....		1		
49	102169401	Hydraulic Brake Adjuster (for Turf/CA 272/472, Pioneer/XRT 1200, Bobcat 2100, HUV 4213) .....			1	<b>D</b>
50	1011478	Hydrometer .....	1	1	1	
51	1013593	Internal Retaining Ring Pliers .....	1	1	1	
52	102248803	IQ Display Module (IQDM) Kit (IQ System and IQ Plus vehicles) .. (includes items 54 and 55)			1	
53	102248804	IQ Display Module (IQDM-P) Kit (IQ System and IQ Plus vehicles) .. (includes items 54 and 55)			1	
54	102251501	Adaptor, Cable .....			1	
55	102241502	IQDM Series 2 Cable .....			1	
56	102241501	IQDM Series 1 Cable (replacement) .....			1	
57	101928701	Liquid Gasket (transaxle case) .....	1	1	1	
58	102243402	Moly-Teflon Lubricant (4-oz. (113-gram) tube) .....			1	
59	101997201	Paint, Touch-Up – Beige* .....		1	1	
59	101997207	Paint, Touch-Up – Black* .....		1	1	
59	101997212	Paint, Touch-Up – Burgundy* .....		1	1	
59	101997211	Paint, Touch-Up – Classic Blue (Navy)* .....		1	1	
59	101997205	Paint, Touch-Up – Dark Gray* .....	1	1	1	
59	101997209	Paint, Touch-Up – Dark Green* .....	1	1	1	
59	101997204	Paint, Touch-Up – Gray* .....	1	1	1	
59	101997203	Paint, Touch-Up – Red* .....	1	1	1	
59	101997206	Paint, Touch-Up – Royal Blue (Pacific Blue)* .....		1	1	
59	101997202	Paint, Touch-Up – White* .....	1	1	1	
60	102562301	Paint, Precedent Underbody – Gray .....		1	1	
61	102587201	Paint Pen, Touch-Up, Precedent Underbody – Black .....		1	1	
		Please refer to the maintenance and service manual for proper tool application.				
		* Item 59 is not for use on Surlyn® body material, which is used on Precedent vehicles.				

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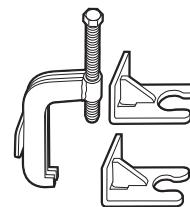
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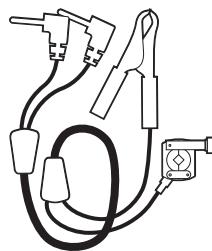
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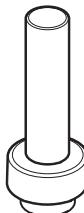
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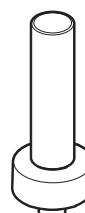
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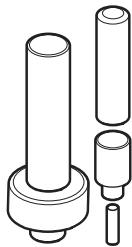
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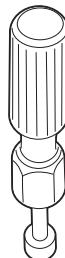
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## MAINTENANCE AND SERVICE TOOLS, CONTINUED

ITEM	PART NO.	DESCRIPTION	QTY DIESEL	QTY GAS	QTY ELEC	
		1 2 3 4				<b>17</b>
62	1016414	Piston Ring Compressor Kit (FE290, FE350 and FE400 engines) .....		1		<b>G</b>
63	1016415	Piston Ring Pliers (for Kawasaki Engines) .....		1		
64	102668801	Puller, Special Use (for Kubota D722 Diesel Engines) .....	1			<b>E</b>
65	1012549	Retaining Ring Pliers, 45° External .....	1	1	1	
66	1012560	Retaining Ring Pliers, 90° Internal .....	1	1	1	
67	101823101	Safety First Card (50 per pack) .....	1	1	1	
68	1012809	Seal Puller .....	1	1	1	
69	102330901	Spanner Wrench (for coil over shock front suspension vehicles only) .....	1	1		
70	1014264	Steering Column Bearing Press Tool .....		1	1	
71	1014259	Steering Column Retaining Ring Tool .....		1	1	
72	102061201	Steering Wheel Puller Tool .....	1	1	1	
73	AM10753	Tachometer (includes gasoline engine pick up lead only) .....	1	1		
74	AM10771	Tachometer Diesel Probe (for use with item 73) .....	1			
75	1014162	Transaxle Axle Seal Tool .....		1		
76	1014161	Transaxle Pinion Seal Tool .....		1		
77	1014115	Transmission Tool Kit .....		1		
78	101611003	Tune-Up Kit, All OHV (for FE290, FE350, FE400 only) (includes air filter, spark plug, oil filter, fuel filters) (not shown) .....		1		
79	AM11804	Tune-Up Kit, Gx620 (for Honda Engines) (includes air filter, spark plug, oil filter, fuel filters) (not shown) .....		1		
80	AM11805	Tune-Up Kit, D722 (for Kubota Engines) (includes air filter, oil filter, fuel filters, water separator filter) (not shown) .....	1			
81	AM1220301	Tune-Up Kit, Precedent (for FE290/350 Engines) (includes air filter, spark plug, oil filter, fuel filters) (not shown) .....		1		
82	AM1232401	Tune-Up Kit, FH680D (for Kawasaki V-Twin Engines) (includes oil filter, fuel filter, air filter, and spark plugs) (not shown) .....		1		
83	1016413	Valve Clearance Adjuster Screw Holder (for FE290 engines only) .....		1		
84	102674601	Valve Guide Driver (for Honda GX620 Gasoline Engines) .....		1		
85	101641201	Valve Guide Reamer (FE290, FE350, and FE400 only) .....		1		
86	102674401	Valve Guide Reamer, 6.6 mm (for Honda GX620 Gasoline Engines) .....		1		

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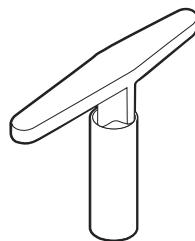
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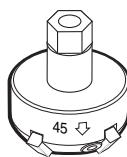
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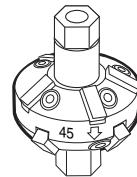
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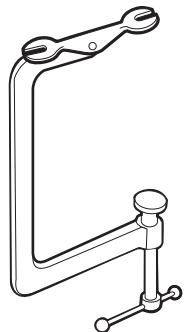
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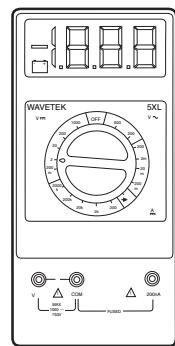
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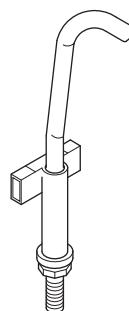
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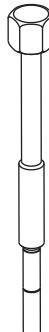
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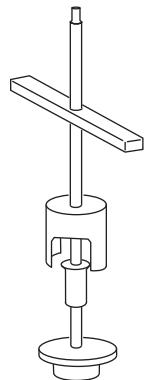
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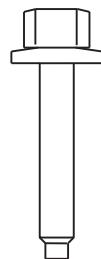
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## MAINTENANCE AND SERVICE TOOLS, CONTINUED

ITEM	PART NO.	DESCRIPTION	QTY DIESEL	QTY GAS	QTY ELEC	
		1 2 3 4				<b>17</b>
87	1016552	Valve Seat Cutter Guide .....		1		<b>G</b>
88	1016551	Valve Seat Cutter T-Wrench .....		1		
89	1016553	Valve Seat Cutter, 45° (32 mm diameter) (for FE290 engines only) .....		1		<b>E</b>
90	1016554	Valve Seat Cutter, 45°/30° (35 mm diameter) .....		1		
91	101641101	Valve Spring Compressor .....		1		<b>D</b>
92	1011480	Volt Ohm Meter .....	1	1	1	
93	102570401	Tool, Tensioning, Starter Generator (For Precedent vehicles) .....		1		
94	103601401	Puller, Drive Clutch, XRT 950* .....		1		
95	103601701	Tool, Disassembly, Driven Clutch, XRT 950.....		1		
96	103600501	Screw, Driven Clutch Disassembly, M6, XRT 950 .....		1		

\*Note: The XRT 950 Drive Clutch Puller requires the use of Screw, Driven Clutch Disassembly, CCI Part Number 103600501.



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