



2013 Precedent Illustrated Parts List



Gasoline and Electric Vehicles

Manual Number 103997601
Edition Code 0812B0616A

USING THE ILLUSTRATED PARTS LIST

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 all 2013 Club Car Precedent vehicles.

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 D, E, or G, signifying that the page pertains to diesel, electric, or gasoline vehicles.

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. The index is divided into numerical and alphabetical listings with the page numbers in italic text.

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. Some item numbers have more than one part number because several configurations of a component are represented together on one spread.

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 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

NOTE: *This illustrated parts list represents the most current information at the time of publication. Club Car, LLC. 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, LLC. 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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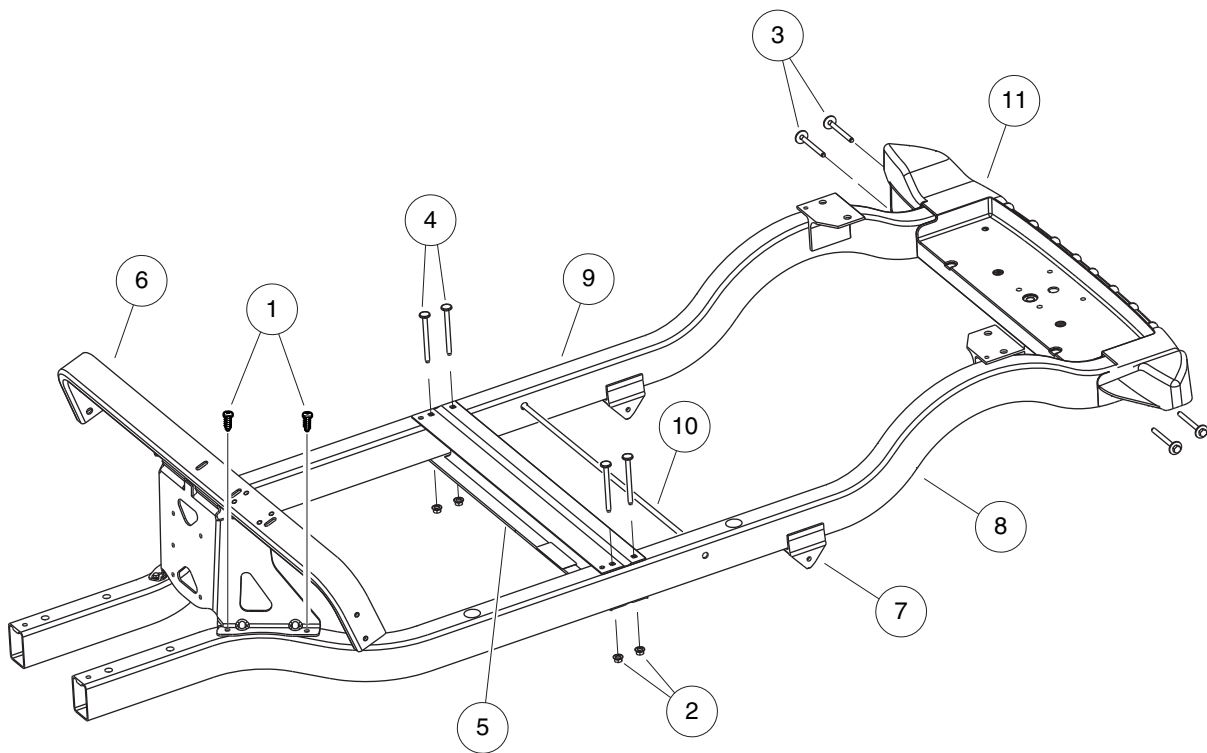
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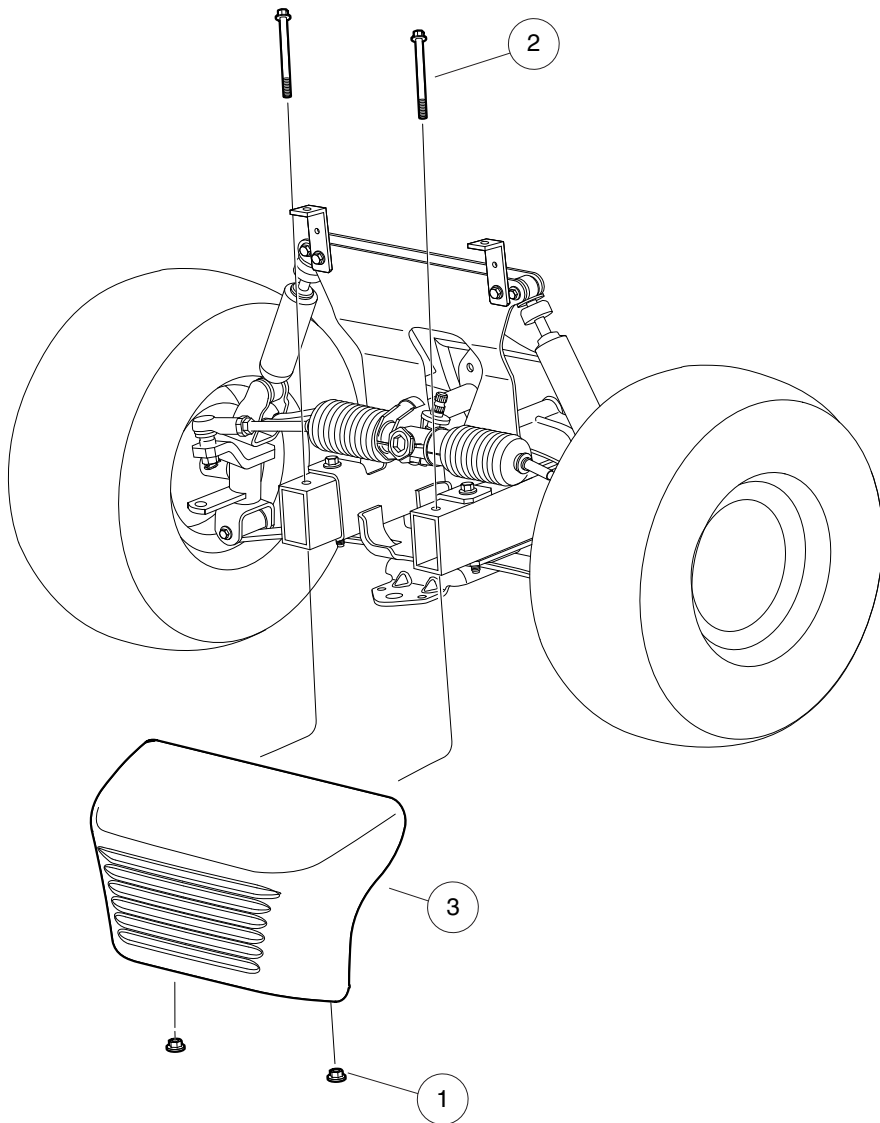
FRAME

ITEM	PART NO.	DESCRIPTION	QTY	1
		1 2 3 4		G
1	<u>102292101</u>	Screw-5/16 X 1.5 Tek	4	E
2	<u>102298401</u>	Nut,m8,all Metal Lock	4	
3	<u>102298580</u>	M8-1.25 X 80 Sems	4	
4	<u>102298995</u>	Bolt, Wafer Head, M8-1.25x95	4	
5	<u>102505401</u>	Xmbr-middle	1	
6	<u>102505701</u>	Assembly, Dash Support	1	
7	<u>102507801</u>	Hanger, Spring	2	
8	<u>103393801</u>	Rail, Frame, Assy - Lh	1	
9	<u>103393901</u>	Rail, Frame, Assy - Rh	1	
10	<u>103638901</u>	Rod, .5 Od X 26.26	1	
11	<u>103926601</u>	Crossmember, rear	1	

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FRONT BUMPER

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	102298401	Nut,m8,all Metal Lock	2
2	102534201	Bolt - Fl Hd, M8 X 95	2
3	103330601	Asm, Bumper, Front, Precedent (includes items 4 and 5)	1
4	N/A	Bumper, Front, Precedent	1
5	103325001	Plug, Shock, Precedent Bumper	2

1

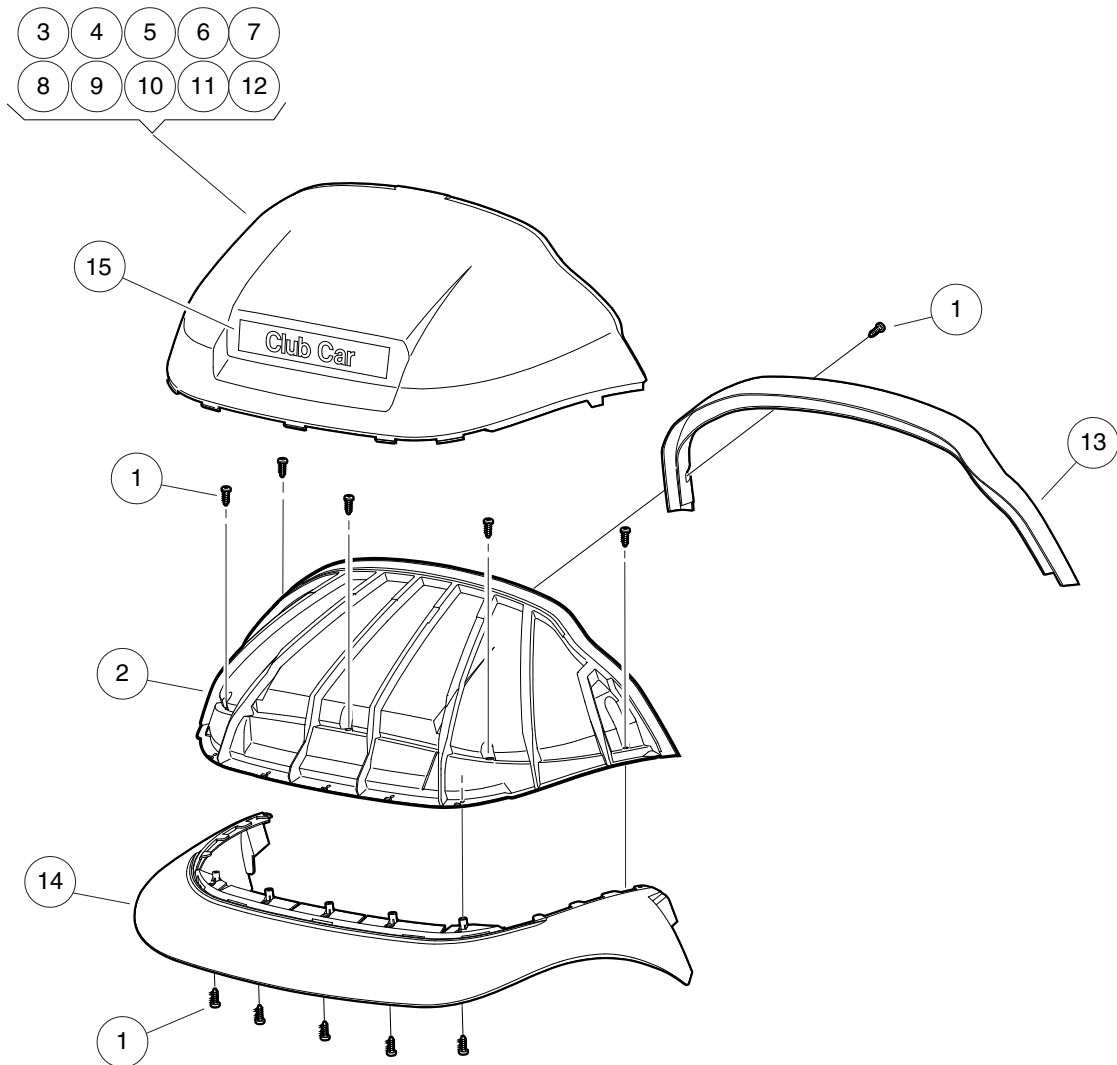
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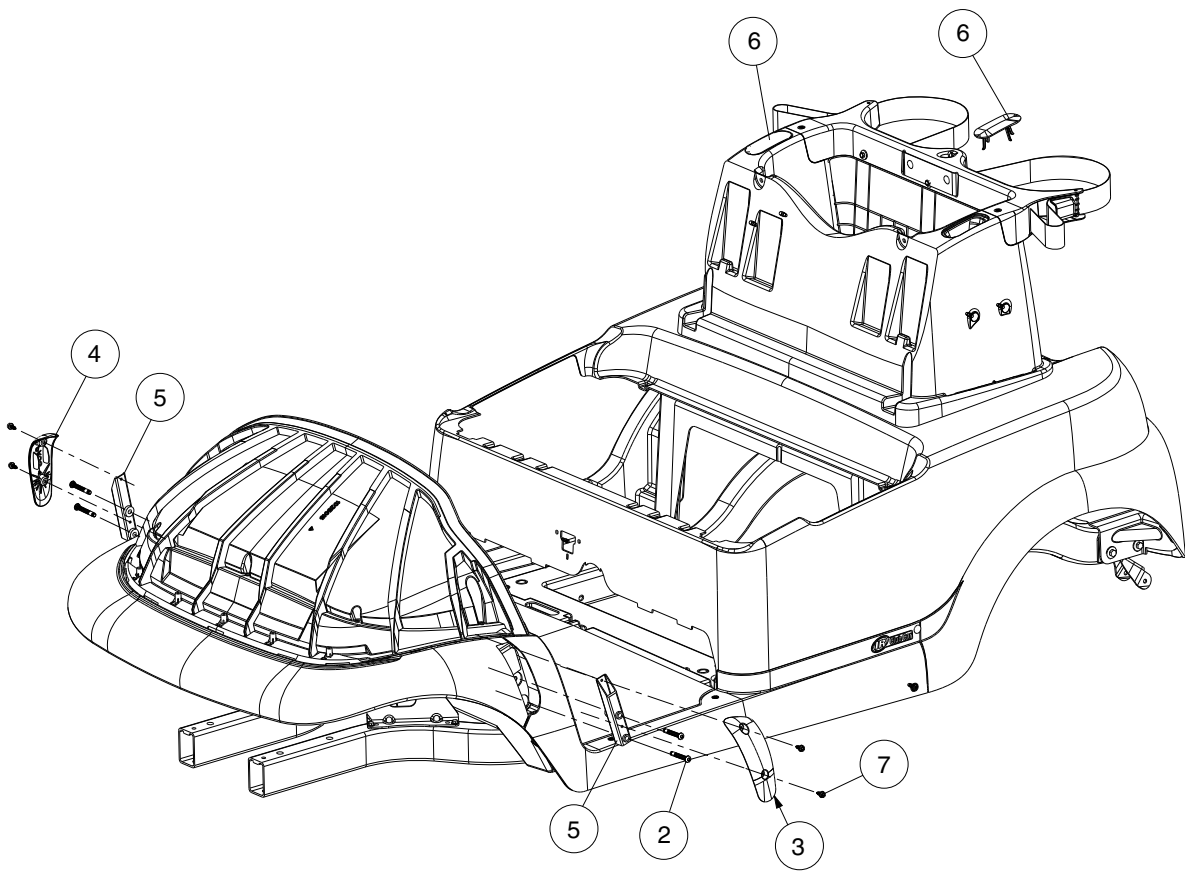
FRONT BODY

ITEM	PART NO.	DESCRIPTION	QTY	1
		1 2 3 4		G
1	<u>102296020</u>	Screw, Torx Pan Hd Pt, M6 X 20	14	E
2	<u>102501501</u>	Brow	1	
3	<u>102502401</u>	Panel, Beauty Front, White	1	
4	<u>102502402</u>	Panel, Beauty Front, Beige	1	
5	<u>102502404</u>	Panel, Beauty Front, Gray	1	
6	<u>102502405</u>	Panel, Beauty Front, Red	1	
7	<u>102502406</u>	Panel, Beauty Front, Burgundy	1	
8	<u>102502407</u>	Panel, Beauty Front, Green	1	
9	<u>102502408</u>	Panel, Beauty Front, Blue	1	
10	<u>102502409</u>	Panel, Beauty Front, Black	1	
11	<u>102502411</u>	Panel, Beauty, Front, Cayenne	1	
12	<u>102502413</u>	Panel-beauty Front, Atlantic	1	
13	<u>102502501</u>	Brow Cap	1	
14	<u>102534404</u>	Fascia, Blk	1	
15	<u>103816601</u>	Nameplate -cc	1	

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UNDERBODY COVERS (VEHICLE WITHOUT CANOPY)

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	102543902	Kit, Underbody Cover, Black (includes items 2 through 7)	1
2	102299065	M8-1.25 X 65 Tx Bttn Hd Bolt	4
3	102400202	Cover, Lh Non-canopy, Blk	1
4	102400302	Cover, Rh Non-canopy, Blk	1
5	N/A	Support, Strut Cover	2
6	N/A	SAM Cap	2
7	102544201	Screw, M6 Hex	4

1

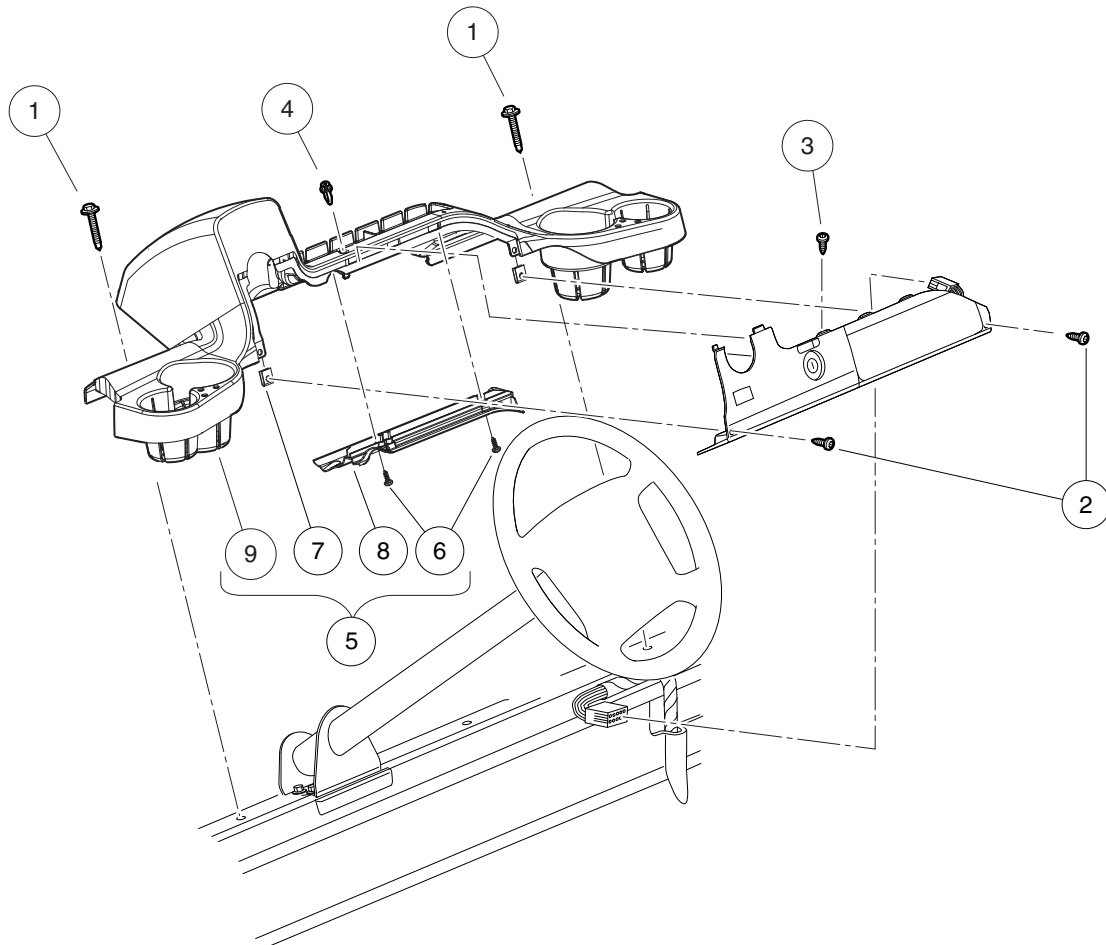
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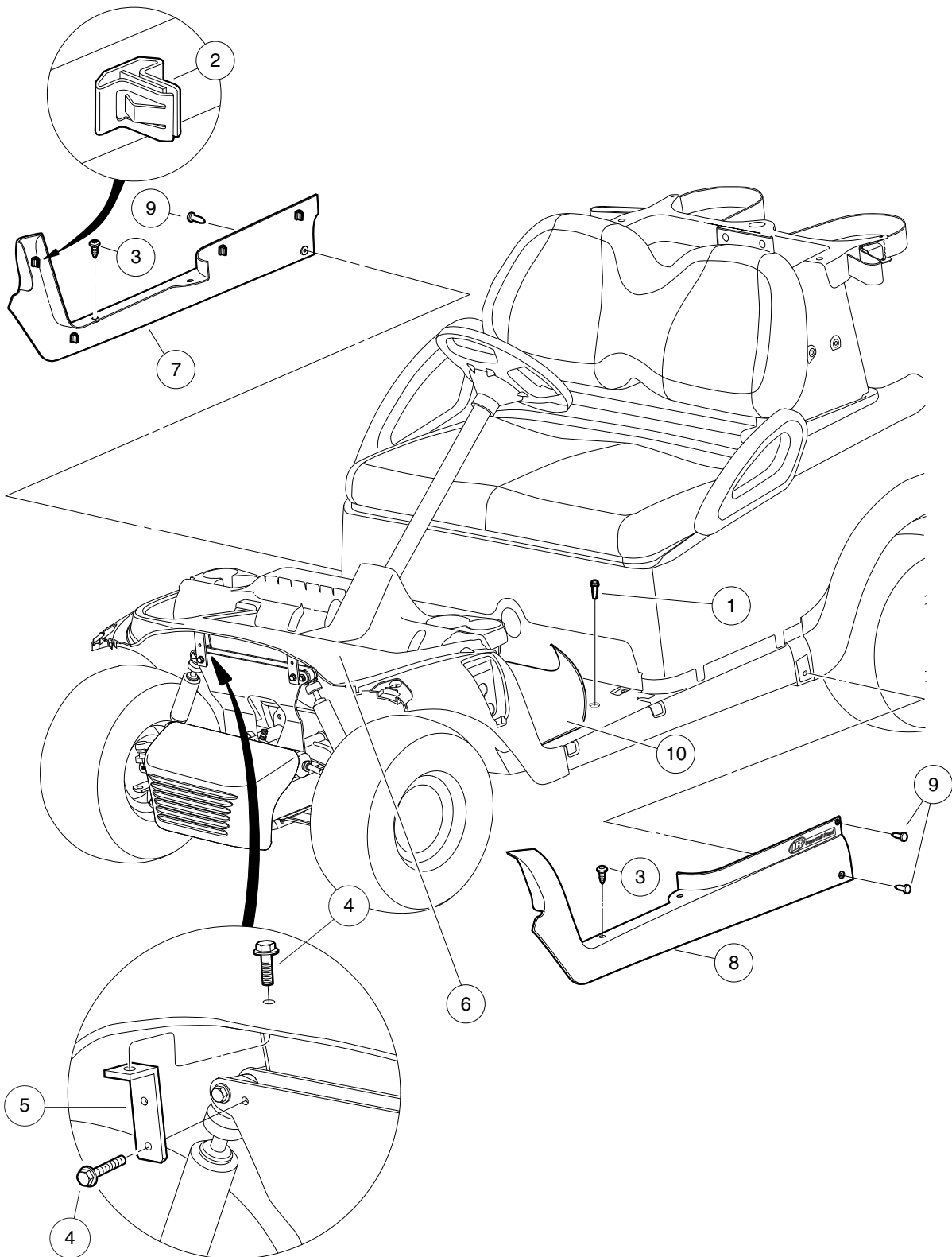
DASH

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102292356</u>	Screw-1/4-20x56 Hwh Self Drill	2
2	<u>102296819</u>	Screw-M6 x 19	2
3	<u>102557201</u>	Screw, #6-20 Type Abx1.00 Pan	1
4	<u>102915601</u>	Plastic Rivet - Tuflock	1
5	<u>103402701</u>	Dash Assembly, Prec (includes items 6 through 9)	1
6	N/A	Screw-torx Pan Hd Pt,m6 X 16	2
7	<u>102297001</u>	U-nut, 1/4" Type Ab	2
8	N/A	Drain Channel - Dash	1
9	N/A	Dash, Prec	1

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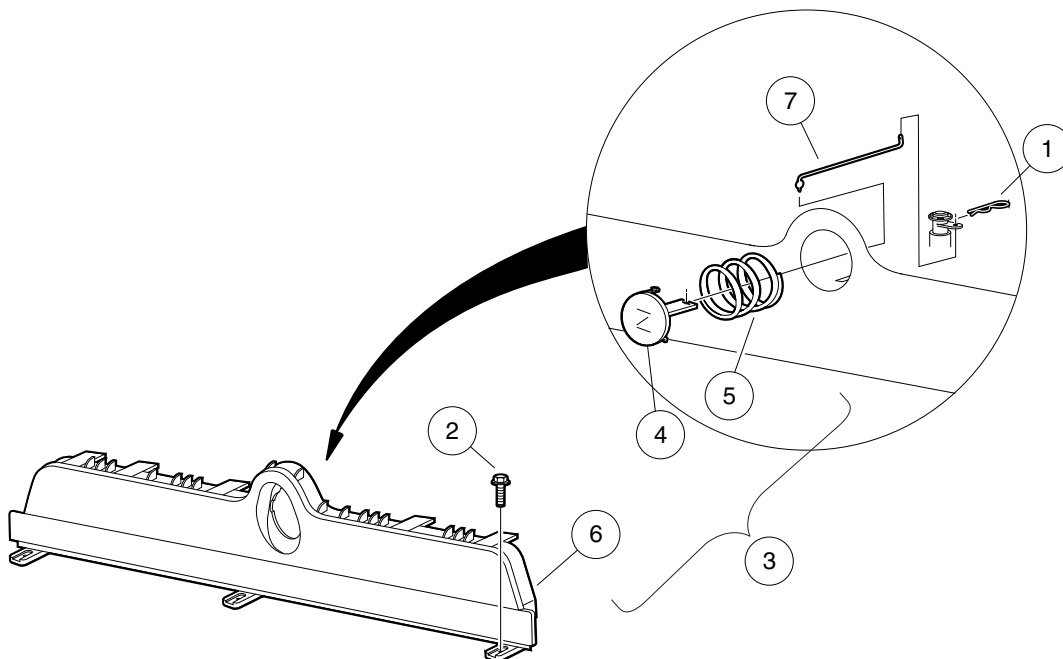
FLOOR MAT, RETAINERS, AND FRONT UNDERBODY

ITEM	PART NO.	DESCRIPTION	QTY	1 G E
		1 2 3 4		
1	<u>102292356</u>	Screw-1/4-20x56 Hwh Self Drill	3	
2	<u>102292701</u>	Clip-body-trim	8	
3	<u>102298020</u>	Screw, K80x20, Torx Pn Hd Pt	4	
4	<u>102298716</u>	M8-1.25x16 Taptite	4	
5	<u>102521901</u>	Bracket-clamshell	2	
6	****	Asm-front Underbody, Black	1	
7	<u>103678001</u>	Floormat Retainer Asm, Rh, Blk	1	
8	<u>103678101</u>	Floormat Retainer Asm, Lh, Blk	1	
9	<u>103683001</u>	Barrel Fastner, Blk, Firm	4	
10	<u>103926401</u>	Floormat, Precedent	1	
		**** Special order item available upon request.		

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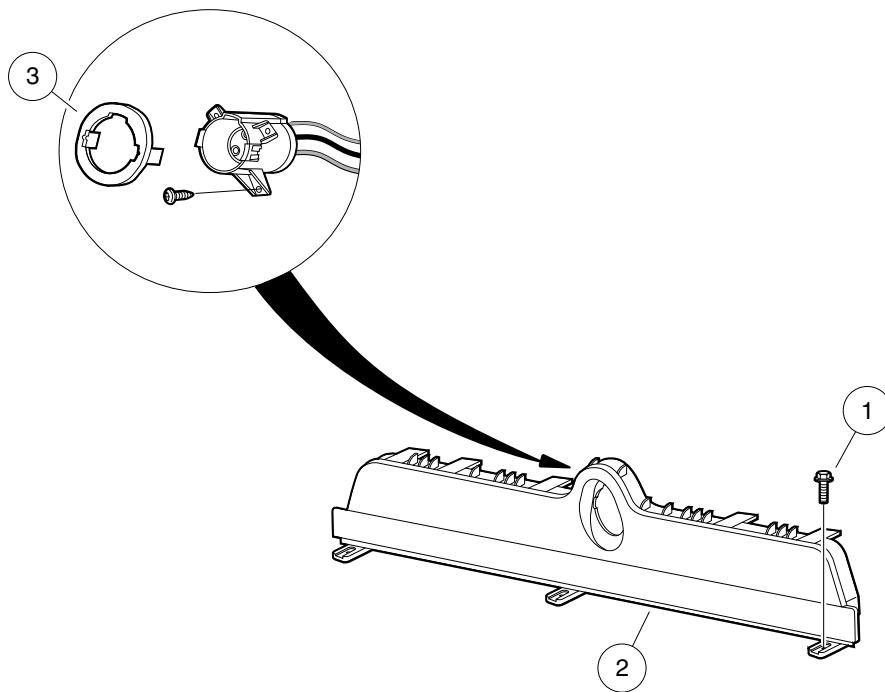
KICK PLATE – GASOLINE VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY	1 G E
		1 2 3 4		
1	<u>1014413</u>	Pin, Hair Spring Cotter	1	
2	102298030	Screw, K80x30, Torx Pn Hd Pt	3	
3	<u>102511702</u>	Asm-gas Kick Plate, Blk (includes items 4 through 6)	1	
4	<u>101811401</u>	Lever, Choke	1	
5	<u>101856201</u>	Compression Spring	1	
6	N/A	Plate - Gas Kick, Blk	1	
7	<u>102514401</u>	Rod, Choke Button	1	

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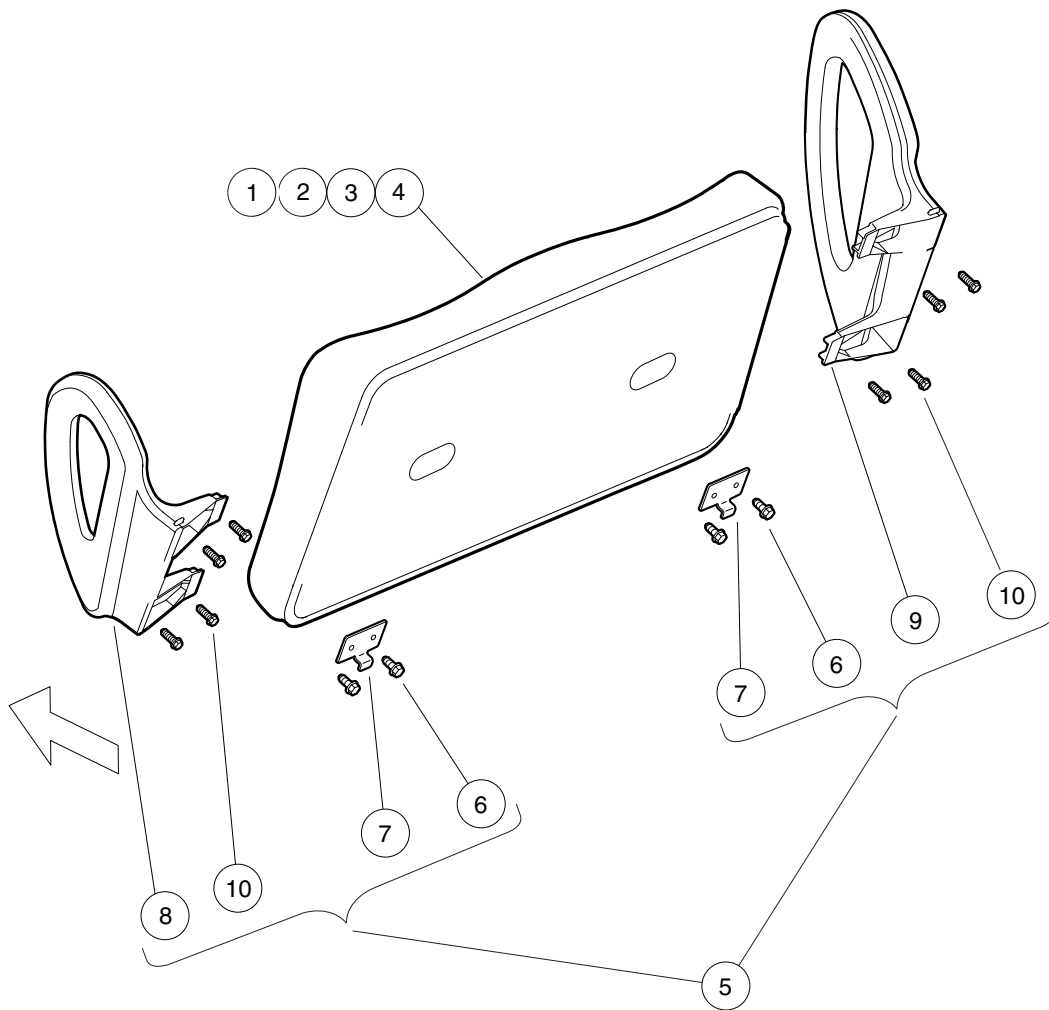
KICK PLATE – ELECTRIC VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
1	102298030	1 2 3 4 Screw, K80x30, Torx Pn Hd Pt	3
2	<u>102508202</u>	Plate - Electric Kick Blk	1
3	<u>102516901</u>	Socket Trim	1

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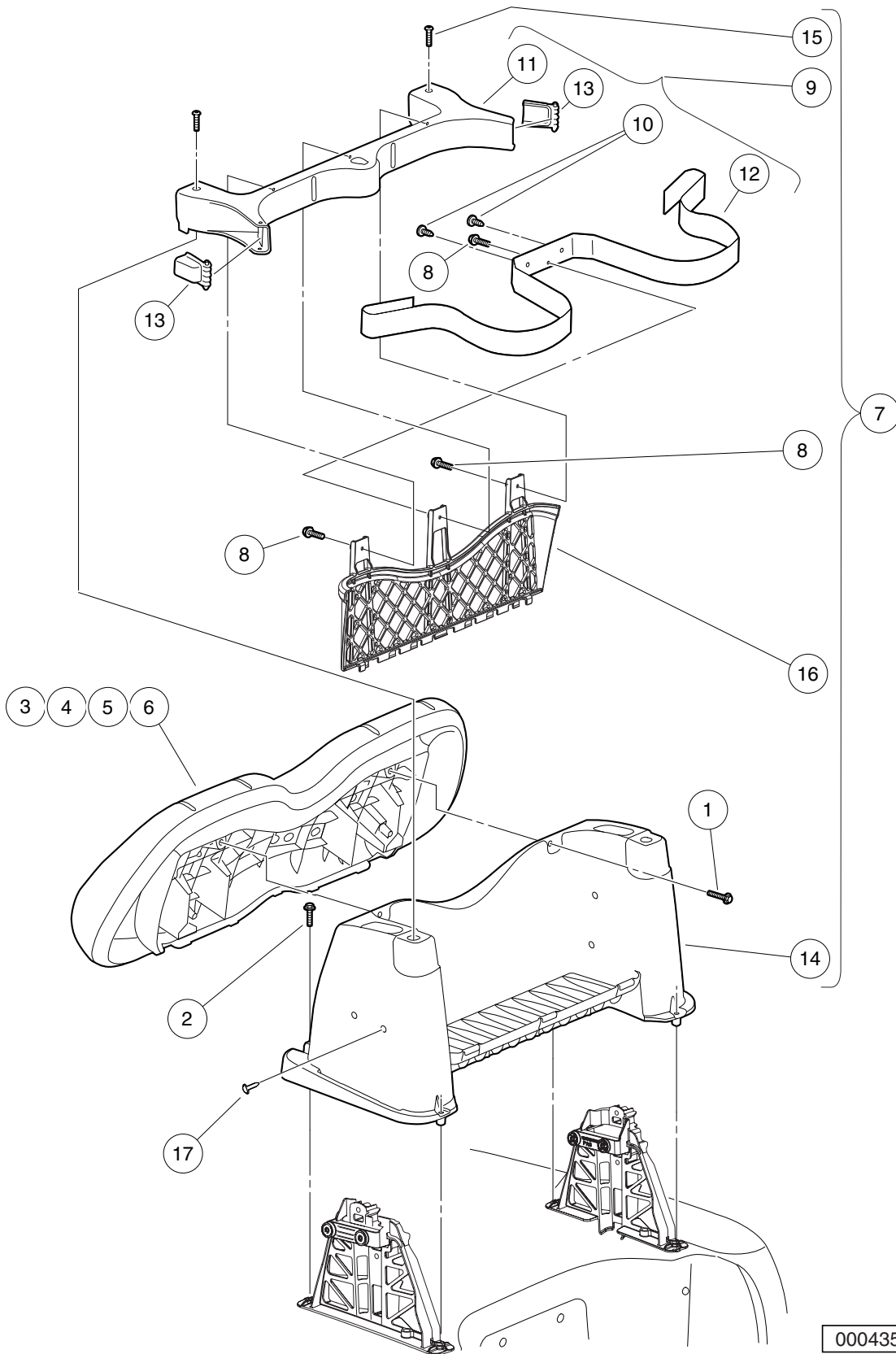
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SEAT BOTTOM WITH HIP RESTRAINTS

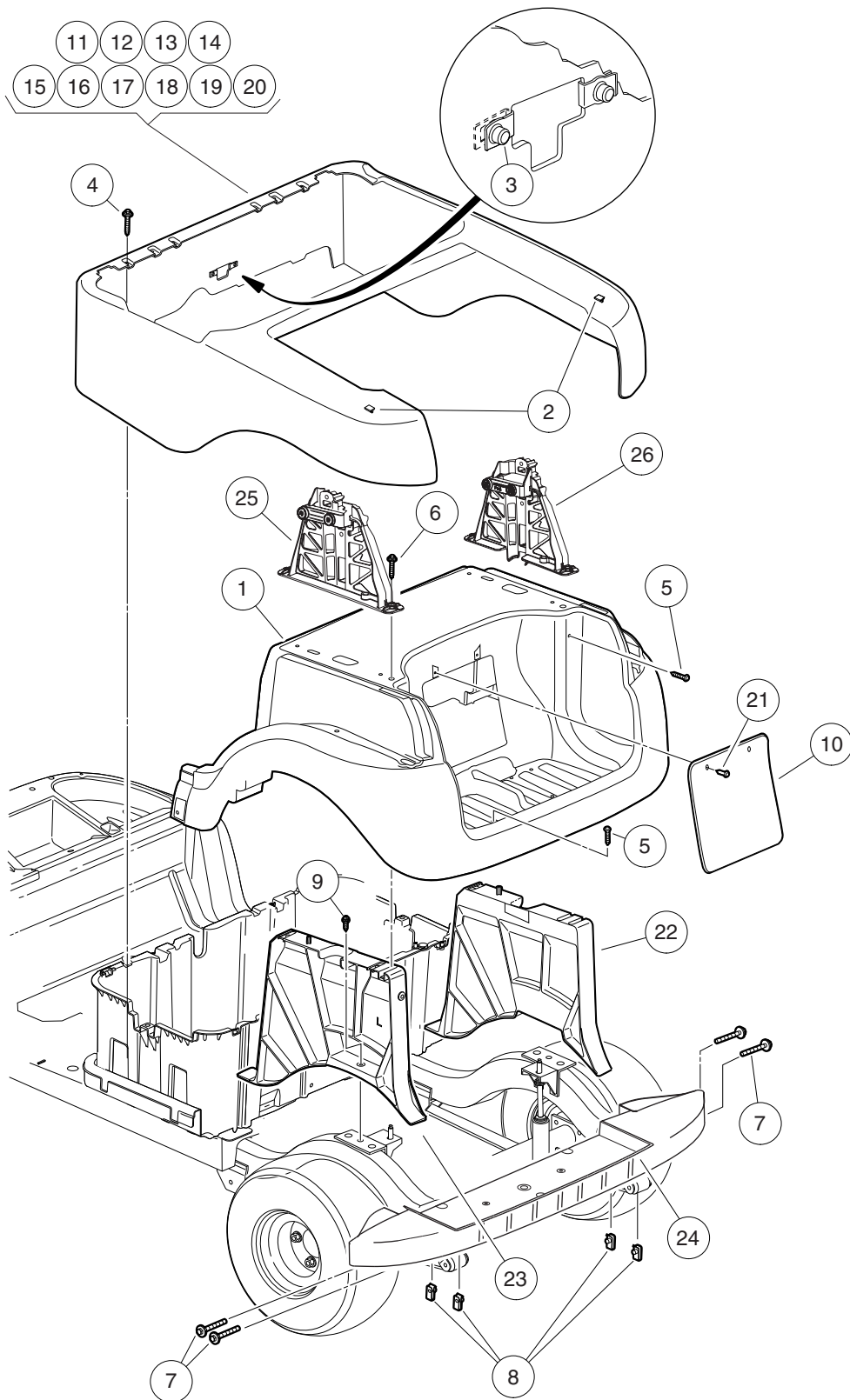
ITEM	PART NO.	DESCRIPTION	QTY	1 G E
		1 2 3 4		
1	<u>103833421</u>	Asm, Service, Beige, Seat Btm	1	
2	<u>103833422</u>	Asm, Service, White, Seat Btm	1	
3	<u>103833424</u>	Asm, Service, Gray, Seat Btm	1	
4	<u>103833425</u>	Asm, Service, Black, Seat Btm	1	
5	<u>103833901</u>	Kit, Prec, Seat Botm (includes items 6 through 10)	1	
6	<u>101954301</u>	Screw, 1/4-20 X 0.75 Hex-Head Cap	4	
7	<u>103832901</u>	Hinge, Seat Bottom	2	
8	<u>103833601</u>	Hip Restraint, Drv	1	
9	<u>103833701</u>	Hip Restraint, Pas	1	
10	<u>103833801</u>	1/4-20 X 1.5 Hex Flg Patch	8	



000435-009

BACKREST AND STRUCTURAL ACCESSORY MODULE (SAM)

ITEM	PART NO.	DESCRIPTION	QTY	1 G E
		1 2 3 4		
1	<u>102296530</u>	Screw - M6 X 1.0 X 30 Sems	2	
2	<u>102298240</u>	Bolt, Flange Head, M8-1.25 X 40	4	
3	<u>103853121</u>	Service, Beige, Seatback Asm	1	
4	<u>103853122</u>	Service, White, Seatback Asm	1	
5	<u>103853124</u>	Service, Gray, Seatback Asm	1	
6	<u>103853125</u>	Service, Black, Seatback Asm	1	
7	N/A	Asm, Prec, Sam (includes items 8 through 16)	1	
8	<u>102297230</u>	Screw, M6, Torx, Interlock Thread	3	
9	<u>102504001</u>	Asm-bag Hoop (includes items 10 through 13)	1	
10	<u>1010434</u>	Barrel - Plastic	2	
11	<u>102504201</u>	Hoop-bag	1	
12	<u>102504301</u>	Strap, Bag	1	
13	<u>102517001</u>	Buckle-bag Strap	2	
14	N/A	Structural Accessory Module	1	
15	<u>103327601</u>	Screw, 5/16, Torx, Bosscrew	2	
16	<u>103699401</u>	Panel, Sam, Prec	1	
17	<u>103978801</u>	Barrel-push 6mm	2	

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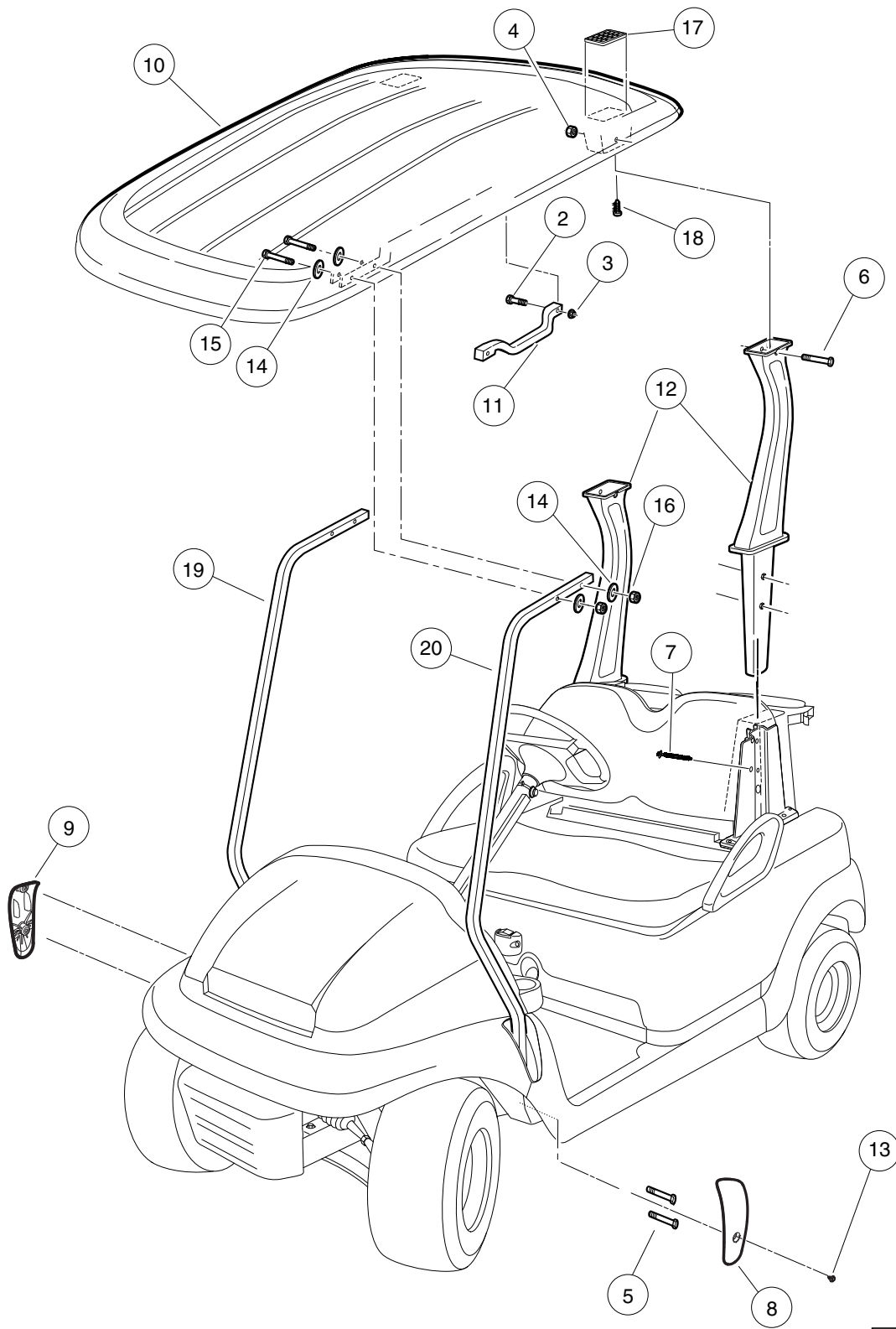
REAR BODY

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102279104</u>	Underbody - Rear, Blk	1
2	<u>102292701</u>	Clip-body-trim	2
3	<u>102296601</u>	U-Nut, M6-1.0, Prevailing Torque	2
4	<u>102297230</u>	Screw, M6, Torx, Interlock Thread	4
5	<u>102298030</u>	Screw, K80x30, Torx Pn Hd Pt	4
6	<u>102298240</u>	Bolt, Flange Head, M8-1.25 X 40	2
7	<u>102298580</u>	M8-1.25 X 80 Sems	4
8	<u>102298601</u>	J-clip - M8 X 1.25	4
9	<u>102298716</u>	M8-1.25x16 Taptite	2
10	<u>102501402</u>	Panel, Access, Black	1
11	<u>102502301</u>	Panel, Beauty, Rear, White	1
12	<u>102502302</u>	Panel, Beauty, Rear, Beige	1
13	<u>102502304</u>	Panel, Beauty, Rear, Gray	1
14	<u>102502305</u>	Panel, Beauty, Rear, Red	1
15	<u>102502306</u>	Panel, Beauty, Rear, Burgundy	1
16	<u>102502307</u>	Panel, Beauty, Rear, Green	1
17	<u>102502308</u>	Panel, Beauty, Rear, Blue	1
18	<u>102502309</u>	Panel, Beauty, Rear, Black	1
19	<u>102502311</u>	Panel-beauty Rear, Cayenne	1
20	<u>102502313</u>	Panel-beauty Rear, Atlantic	1
21	<u>102967901</u>	Rivet, Removable, Tuflok 1/4"	2
22	<u>103812901</u>	Asm, Rear Underbody Supp, Rh	1
23	<u>103813001</u>	Asm, Rear Underbody Supp, Lh	1
24	<u>103926601</u>	Crossmember, rear	1
25	<u>103929301</u>	Support- Canopy, Drv	1
26	<u>103929302</u>	Support- Canopy, Pass	1

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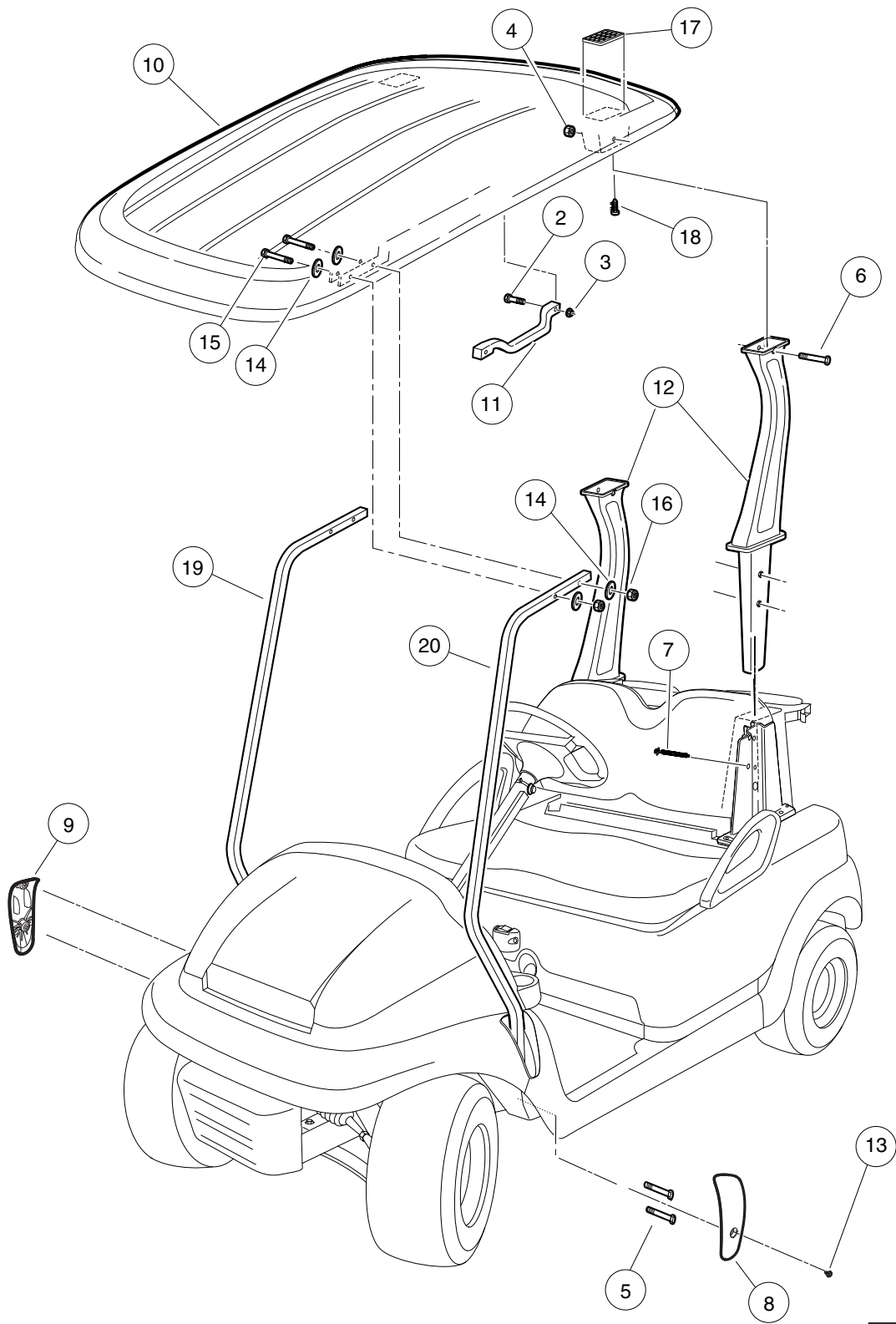
CANOPY – BEIGE

ITEM	PART NO.	DESCRIPTION	QTY
1	<u>102520702</u>	1 2 3 4 Kit-canopy, Prec-beige	1

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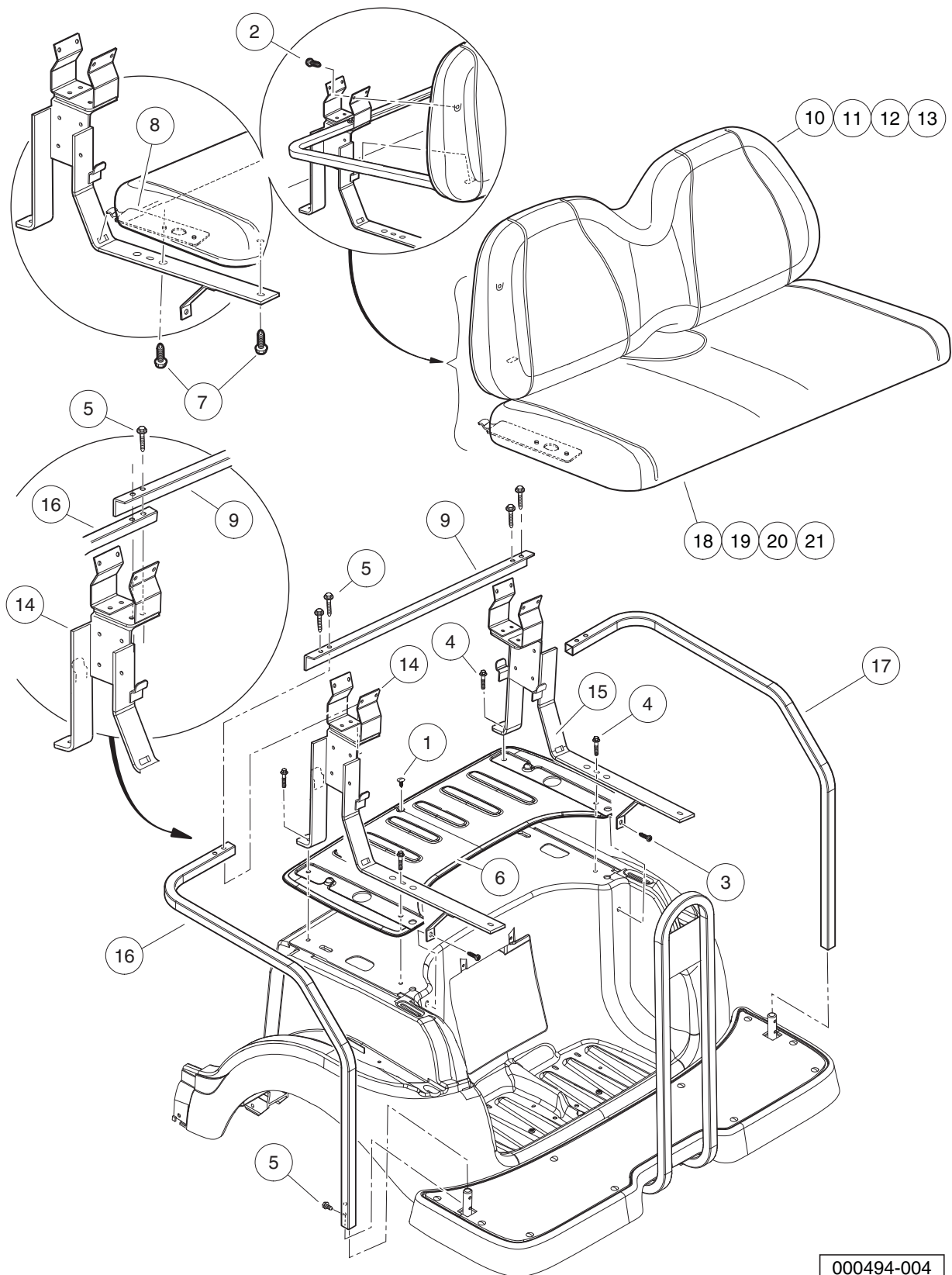
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CANOPY – WHITE

ITEM	PART NO.	DESCRIPTION	QTY	1 G E
		1 2 3 4		
1	<u>102520701</u>	Kit-canopy, Prec-white (includes items 2 through 20)	1	
2	<u>102296140</u>	Bolt, Flanged Head, M6x1.0x40	4	
3	<u>102296401</u>	Nut, M6x1.0, Flange, Metal Lock	4	
4	<u>102298401</u>	Nut,m8,all Metal Lock	2	
5	<u>102299065</u>	M8-1.25 X 65 Tx Bttn Hd Bolt	4	
6	<u>102299360</u>	Screw, M8-1.25 X 60, Sems, Tx	2	
7	<u>102299601</u>	Screw, Pt, K80x70 Hex Flg Hd	2	
8	<u>102400002</u>	Cover, Lh Canopy Support, Blk	1	
9	<u>102400102</u>	Cover, Rh Canopy Support, Blk	1	
10	<u>102508901</u>	Canopy-white	1	
11	<u>102511601</u>	Handle, Canopy (White)	2	
12	<u>102513501</u>	Asm-rear Canopy Support	2	
13	<u>102544201</u>	Screw, M6 Hex	2	
14	<u>103196001</u>	Washer, Conical Spring, Canopy	8	
15	<u>103199301</u>	Bolt - M6 X 1 X 45 Hh Grey	4	
16	<u>103200301</u>	Nut, M6 x 1.00	4	
17	<u>103205101</u>	Cover, Drain, Canopy, Precedent	2	
18	<u>103210101</u>	Screw, #8 X.75, Torx, Tapping	2	
19	<u>103750001</u>	Strut, Canopy Front Rh-prec	1	
20	<u>103750101</u>	Strut, Canopy Front Lh-prec	1	

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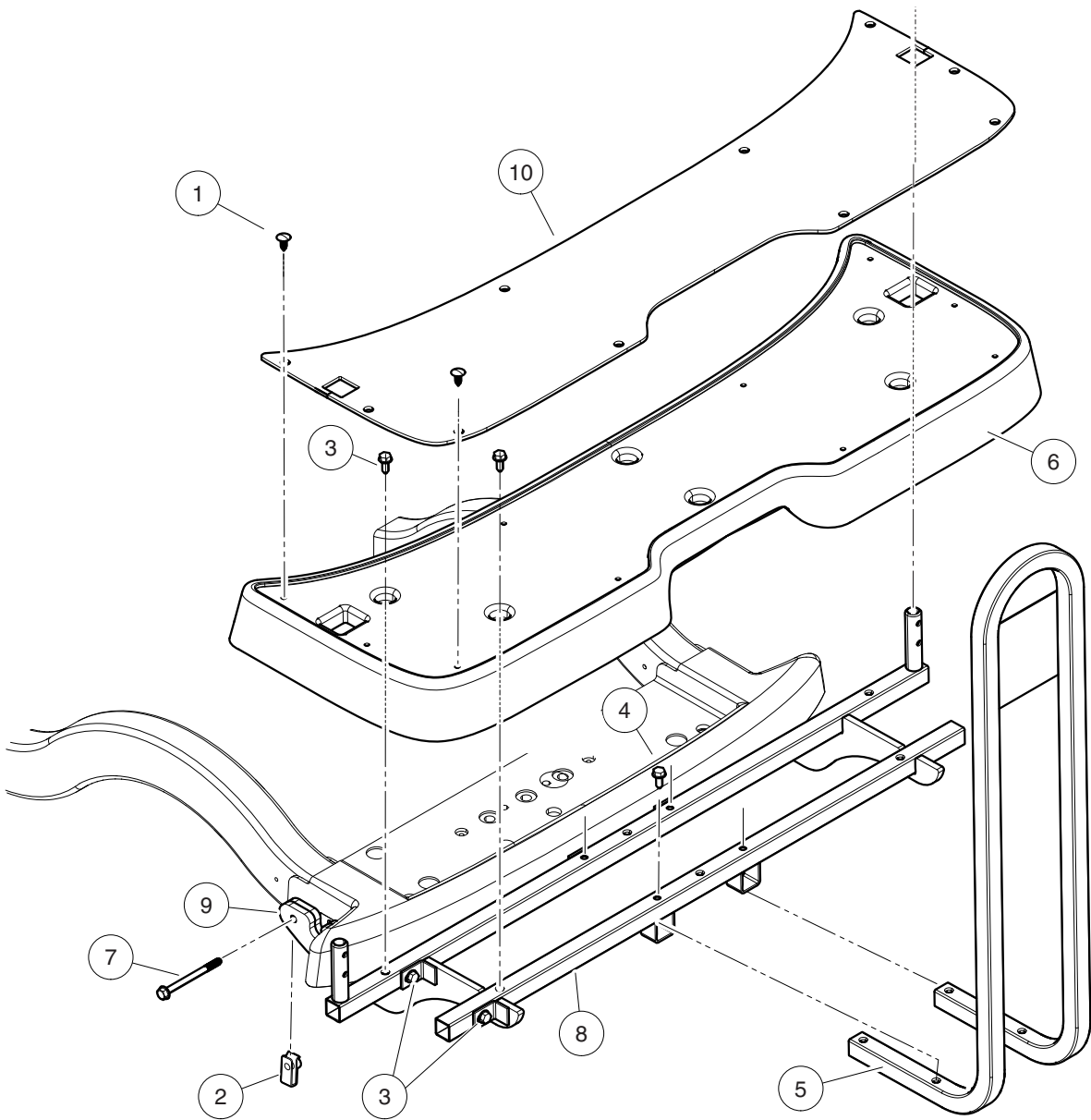
REAR SEAT – PRECEDENT VILLAGER 4

ITEM	PART NO.	DESCRIPTION	QTY	1 G E
		1 2 3 4		
1	<u>1010434</u>	Barrel - Plastic	10	
2	<u>102296530</u>	Screw - M6 X 1.0 X 30 Sems	4	
3	<u>102298030</u>	Screw, K80x30, Torx Pn Hd Pt	2	
4	<u>102298240</u>	Bolt, Flange Head, M8-1.25 X 40	1	
5	<u>102298745</u>	M8-1.25x45 Taptite	10	
6	<u>102531502</u>	Cover- 4 Pass W/canopy	1	
7	<u>102541425</u>	Bolt, M6x1.0x25, Hex Flhd, Blk-I	4	
8	<u>102573101</u>	Bracket, 4-pass Lower Seat	2	
9	<u>103653001</u>	Angle, Strut, Tie	1	
10	<u>103853121</u>	Service, Beige, Seatback Asm	1	
11	<u>103853122</u>	Service, White, Seatback Asm	1	
12	<u>103853124</u>	Service, Gray, Seatback Asm	1	
13	<u>103853125</u>	Service, Black, Seatback Asm	1	
14	<u>103866801</u>	Weldment, Sprt, 4pass, Drv	1	
15	<u>103866802</u>	Weldment, Sprt, 4pass, Pasrv	1	
16	<u>103866901</u>	Restraint-lh 4pass Hip	1	
17	<u>103866902</u>	Restraint-rh 4pass Hip	1	
18	<u>103896721</u>	Service, Beige, 4pass Rear Btm	1	
19	<u>103896722</u>	Service, White, 4pass Rear Btm	1	
20	<u>103896724</u>	Service, Gray, 4pass Rear Btm	1	
21	<u>103896725</u>	Service, Black, 4pass Rear Btm	1	
Note: See also four-passenger kit information.				

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000493-004

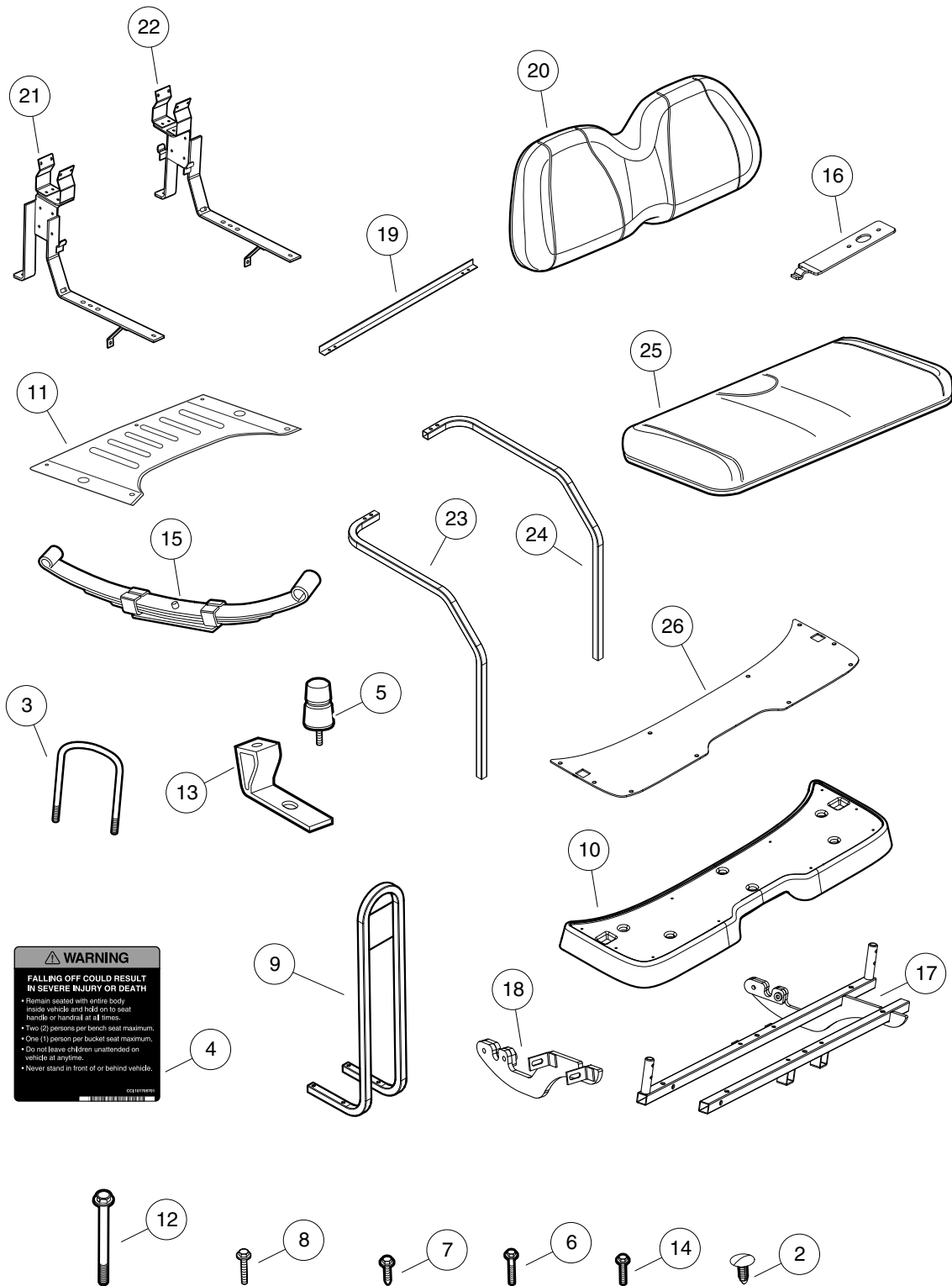
REAR FOOTREST ASSEMBLY, PRECEDENT VILLAGER 4

ITEM	PART NO.	DESCRIPTION	QTY	1	G	E
		1 2 3 4				
1	<u>1010434</u>	Barrel - Plastic	10			
2	<u>102298601</u>	J-clip - M8 X 1.25	4			
3	<u>102298720</u>	Screw, M8-1.25x20, Taptite	8			
4	<u>102298745</u>	M8-1.25x45 Taptite	4			
5	<u>102531001</u>	Handrail Weldment, Rear Seat	1			
6	<u>102531402</u>	Footdeck, 4-Passenger, Black	1			
7	<u>102534201</u>	Bolt - Fl Hd, M8 X 95	4			
8	<u>102584701</u>	Weld, 4-pass Footdeck-a	1			
9	<u>102584801</u>	Weld, 4-pass Footdeck-b	1			
10	<u>103922401</u>	Floormat, 4-pass, Rear	1			

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000505-006

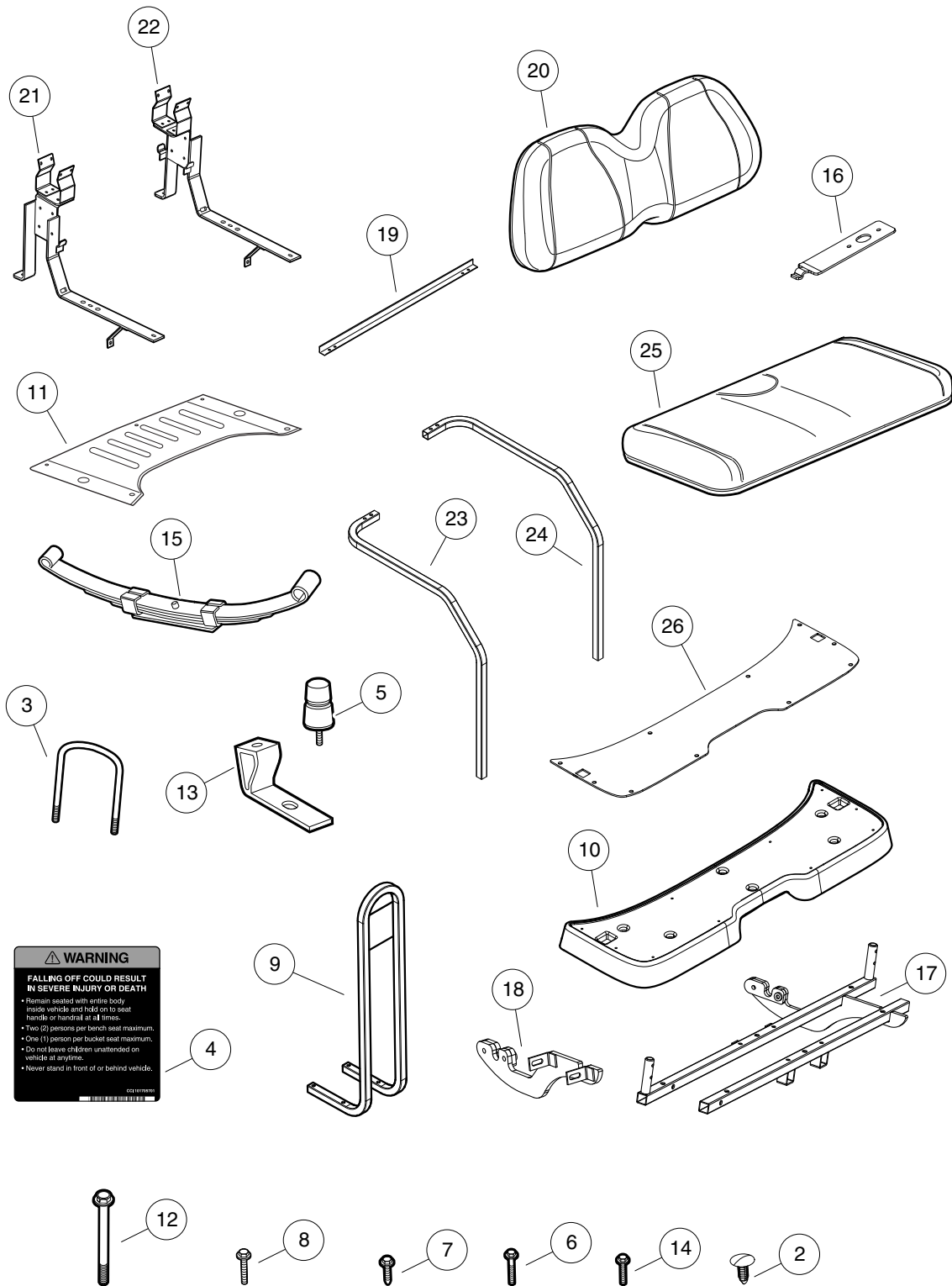
FOUR PASSENGER CONVERSION KIT, MONSOON – BEIGE

ITEM	PART NO.	DESCRIPTION	QTY	1 G E
		1 2 3 4		
1	<u>102570905</u>	Kit-4pass, Monsoon XI, Beige (includes items 2 through 26)	1	
2	<u>1010434</u>	Barrel - Plastic	11	
3	<u>1014902</u>	U-Bolt	2	
4	<u>101705701</u>	Decal, Warning	1	
5	<u>1017235</u>	Bumper, Jounce	2	
6	<u>102296530</u>	Screw - M6 X 1.0 X 30 Sems	4	
7	<u>102298720</u>	Screw, M8-1.25x20, Taptite	12	
8	<u>102298745</u>	M8-1.25x45 Taptite	8	
9	<u>102531001</u>	Handrail Weldment, Rear Seat	1	
10	<u>102531402</u>	Footdeck, 4-Passenger, Black	1	
11	<u>102531502</u>	Cover- 4 Pass W/canopy	1	
12	<u>102534201</u>	Bolt - Fl Hd, M8 X 95	4	
13	<u>102534801</u>	Jounce Bumper Bracket	2	
14	<u>102541425</u>	Bolt, M6x1.0x25, Hex Flhd, Blk-l	6	
15	<u>102573101</u>	Bracket, 4-pass Lower Seat	2	
16	<u>102584701</u>	Weld, 4-pass Footdeck-a	1	
17	<u>102584801</u>	Weld, 4-pass Footdeck-b	1	
18	<u>103653001</u>	Angle, Strut, Tie	1	
19	<u>103742303</u>	Asm, Rear Leaf Spring, Prec, 4-Passenger	1	
20	<u>103853121</u>	Service, Beige, Seatback Asm	1	
21	<u>103866801</u>	Weldment, Sprt, 4pass, Drv	1	
22	<u>103866802</u>	Weldment, Sprt, 4pass, Pasrv	1	
23	<u>103866901</u>	Restraint-lh 4pass Hip	1	
24	<u>103866902</u>	Restraint-rh 4pass Hip	1	
25	<u>103896721</u>	Service, Beige, 4pass Rear Btm	1	
26	<u>103922401</u>	Floormat, 4-pass, Rear	1	

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000505-006

FOUR PASSENGER CONVERSION KIT, MONSOON – WHITE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102570906</u>	Kit-4pass, Monsoon XI, White (includes items 2 through 26)	1
2	<u>1010434</u>	Barrel - Plastic	11
3	<u>1014902</u>	U-Bolt	2
4	<u>101705701</u>	Decal, Warning	1
5	<u>1017235</u>	Bumper, Jounce	2
6	<u>102296530</u>	Screw - M6 X 1.0 X 30 Sems	4
7	<u>102298720</u>	Screw, M8-1.25x20, Taptite	12
8	<u>102298745</u>	M8-1.25x45 Taptite	8
9	<u>102531001</u>	Handrail Weldment, Rear Seat	1
10	<u>102531402</u>	Footdeck, 4-Passenger, Black	1
11	<u>102531502</u>	Cover- 4 Pass W/canopy	1
12	<u>102534201</u>	Bolt - Fl Hd, M8 X 95	4
13	<u>102534801</u>	Jounce Bumper Bracket	2
14	<u>102541425</u>	Bolt, M6x1.0x25, Hex Flhd, Blk-l	6
15	<u>102544901</u>	Spring, Leaf, Rear	2
16	<u>102573101</u>	Bracket, 4-pass Lower Seat	2
17	<u>102584701</u>	Weld, 4-pass Footdeck-a	1
18	<u>102584801</u>	Weld, 4-pass Footdeck-b	1
19	<u>103653001</u>	Angle, Strut, Tie	1
20	<u>103853122</u>	Service, White, Seatback Asm	1
21	<u>103866801</u>	Weldment, Sprt, 4pass, Drv	1
22	<u>103866802</u>	Weldment, Sprt, 4pass, Pasrv	1
23	<u>103866901</u>	Restraint-lh 4pass Hip	1
24	<u>103866902</u>	Restraint-rh 4pass Hip	1
25	<u>103896722</u>	Service, White, 4pass Rear Btm	1
26	<u>103922401</u>	Floormat, 4-pass, Rear	1

1

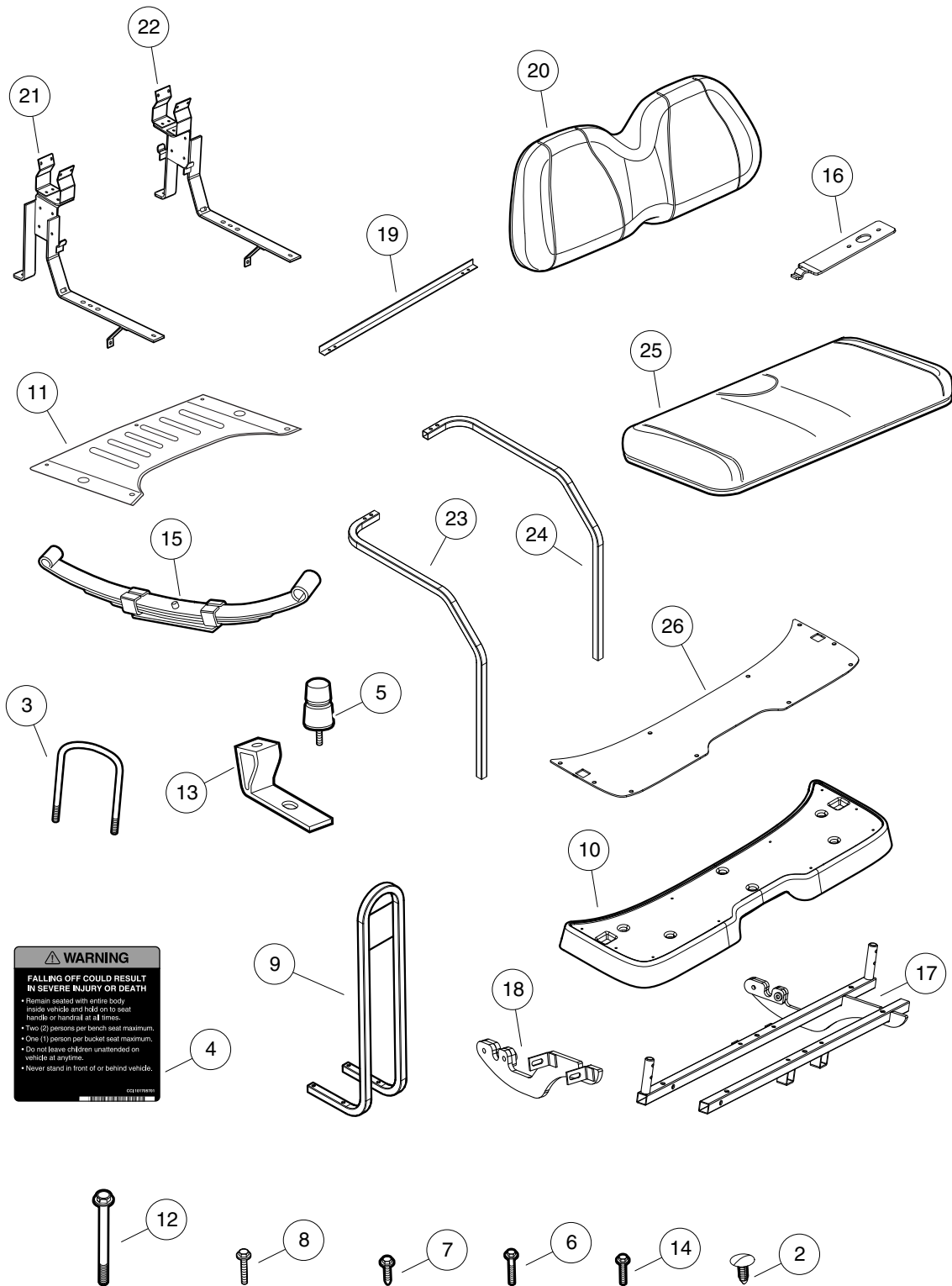
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000505-006

FOUR PASSENGER CONVERSION KIT, MONSOON – GRAY

ITEM	PART NO.	DESCRIPTION	QTY	1 G E
		1 2 3 4		
1	<u>102570907</u>	Kit-4pass, Monsoon XI, Gray (includes items 2 through 26)	1	
2	<u>1010434</u>	Barrel - Plastic	11	
3	<u>1014902</u>	U-Bolt	2	
4	<u>101705701</u>	Decal, Warning	1	
5	<u>1017235</u>	Bumper, Jounce	2	
6	<u>102296530</u>	Screw - M6 X 1.0 X 30 Sems	4	
7	<u>102298720</u>	Screw, M8-1.25x20, Taptite	12	
8	<u>102298745</u>	M8-1.25x45 Taptite	8	
9	<u>102531001</u>	Handrail Weldment, Rear Seat	1	
10	<u>102531402</u>	Footdeck, 4-Passenger, Black	1	
11	<u>102531502</u>	Cover- 4 Pass W/canopy	1	
12	<u>102534201</u>	Bolt - Fl Hd, M8 X 95	4	
13	<u>102534801</u>	Jounce Bumper Bracket	2	
14	<u>102541425</u>	Bolt, M6x1.0x25, Hex Flhd, Blk-l	6	
15	<u>102544901</u>	Spring, Leaf, Rear	2	
16	<u>102573101</u>	Bracket, 4-pass Lower Seat	2	
17	<u>102584701</u>	Weld, 4-pass Footdeck-a	1	
18	<u>102584801</u>	Weld, 4-pass Footdeck-b	1	
19	<u>103653001</u>	Angle, Strut, Tie	1	
20	<u>103853124</u>	Service, Gray, Seatback Asm	1	
21	<u>103866801</u>	Weldment, Sprt, 4pass, Drv	1	
22	<u>103866802</u>	Weldment, Sprt, 4pass, Pasrv	1	
23	<u>103866901</u>	Restraint-lh 4pass Hip	1	
24	<u>103866902</u>	Restraint-rh 4pass Hip	1	
25	<u>103896724</u>	Service, Gray, 4pass Rear Btm	1	
26	<u>103922401</u>	Floormat, 4-pass, Rear	1	

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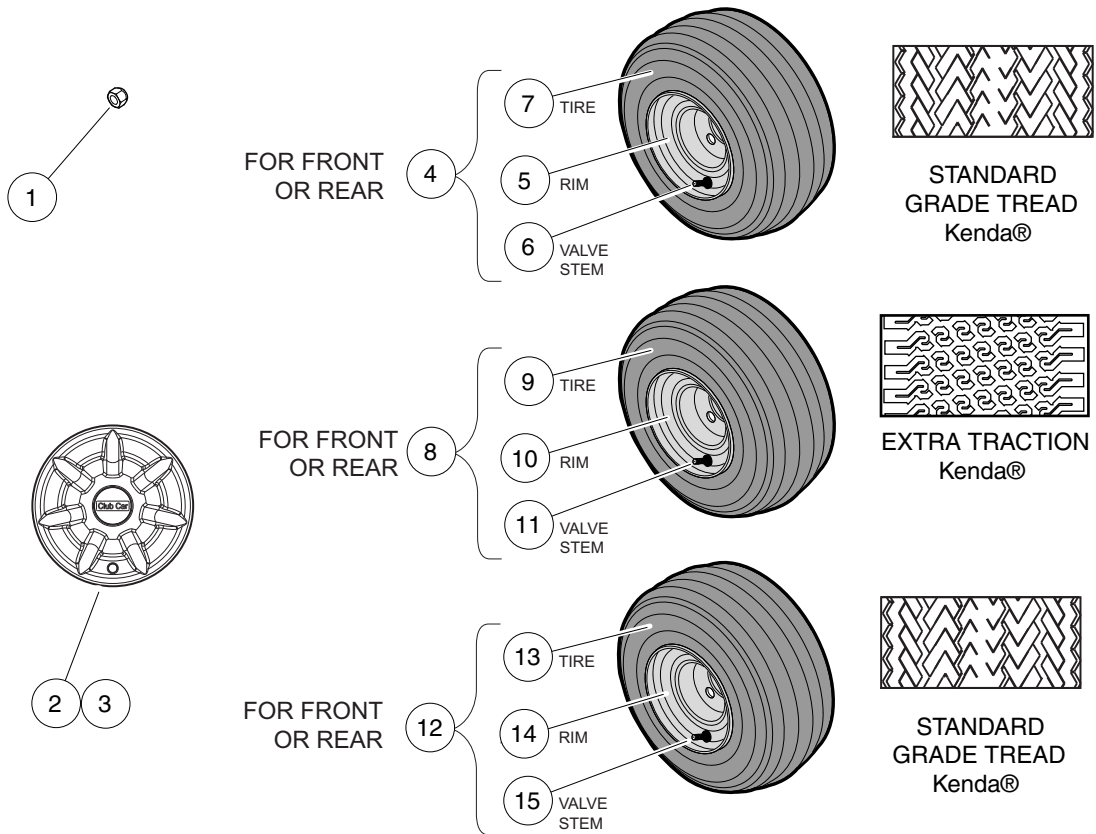
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WHEELS AND TIRES

2

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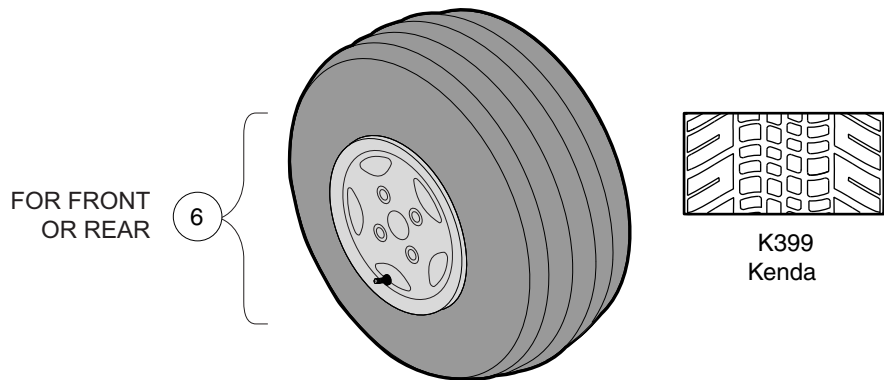
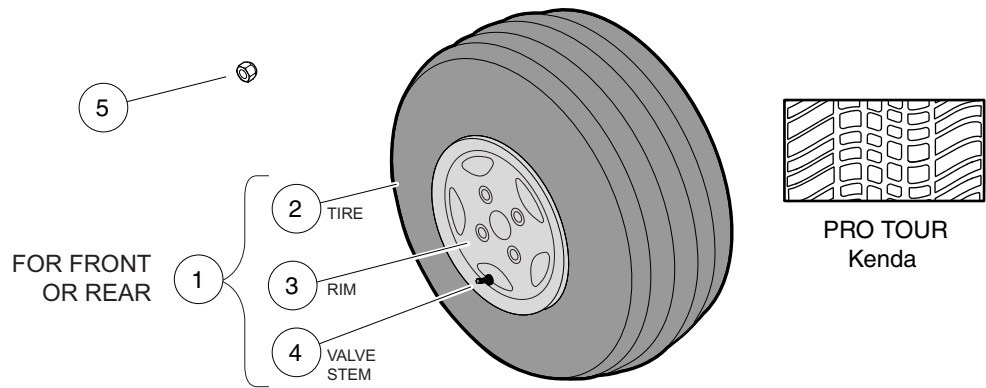
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000474-007

WHEELS AND TIRES, I2 AND PROFESSIONAL

ITEM	PART NO.	DESCRIPTION	QTY	2
		1 2 3 4		G
1	<u>1010984</u>	.500-20 Unf Lug Nut	16	E
2	<u>102559901</u>	Hub Cap Kit, Prec (includes item 3)	1	
3	<u>103694501</u>	Hub Cap, 7 Prong	4	
4	<u>103951001</u>	Assembly, Silver Wheel Kenda, Hn1 4ply (includes items 5 through 7)	4	
5	<u>103459104</u>	Wheel Rim, 8"x7", Silver, Std	1	
6	<u>7310</u>	Valve Stem, Black Plastic	1	
7	<u>AM10682</u>	Unmounted Prem Tire 18x8.50x8	1	
8	<u>103951002</u>	Assembly, Silver Wheel Kenda, X/t 6ply (includes items 9 through 11)	4	
9	<u>102569302</u>	Tire, Kenda, 18x8.5-8, 6-ply Xtr	1	
10	<u>103459104</u>	Wheel Rim, 8"x7", Silver, Std	1	
11	<u>7310</u>	Valve Stem, Black Plastic	1	
12	<u>103951007</u>	Assembly, Silver Wheel Kenda, Radial (includes items 13 through 15)	4	
13	<u>102569311</u>	Tire, Kenda, 18x8.5 R8, 4-ply	1	
14	<u>103459104</u>	Wheel Rim, 8"x7", Silver, Std	1	
15	<u>7310</u>	Valve Stem, Black Plastic	1	



000475-005

WHEELS AND TIRES – I2L AND CHAMPION

ITEM	PART NO.	DESCRIPTION	QTY	2
		1 2 3 4		G
1	<u>102540601</u>	Tire and Wheel, 10" Aluminum, Pro Tour Tire (includes items 2 through 4)	4	E
2	<u>102556701</u>	Tire, Pro Tour, 205-50 X 10	1	
3	<u>102556801</u>	Wheel, Aluminum, Champion	1	
4	<u>7310</u>	Valve Stem, Black Plastic	1	
5	<u>102540701</u>	Lug Nut, 1/2" Closed End	16	
6	<u>AM1263401</u>	Tire and Wheel, 10" Alum., Kenda K399 205/50 Tire	4	

2

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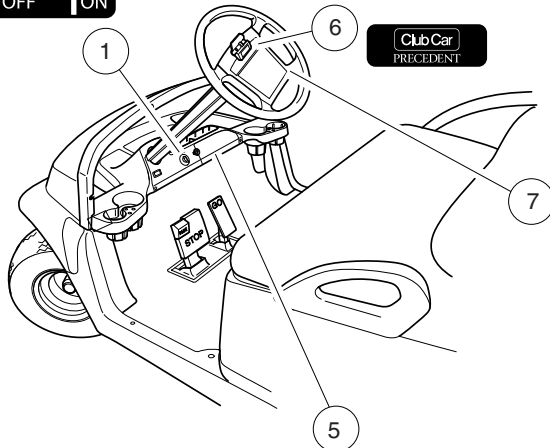
DECALS

3

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OFF ON



OPERATING INSTRUCTIONS

Before using vehicle, read owner's manual and vehicle safety warnings. Study and understand controls.

TO OPERATE

- Ensure wheels are turned in desired direction and path is clear.
- Turn key to ON position.
- Select FORWARD or REVERSE only when stopped.
- Release park brake fully.
- 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.

WARNING

Unintended vehicle movement may cause severe injury or death. Before leaving vehicle:

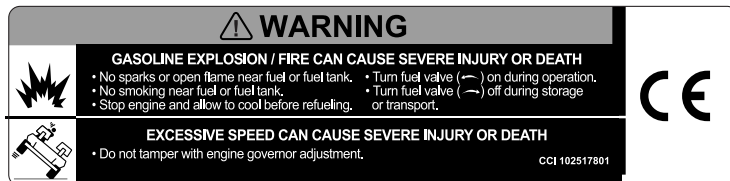
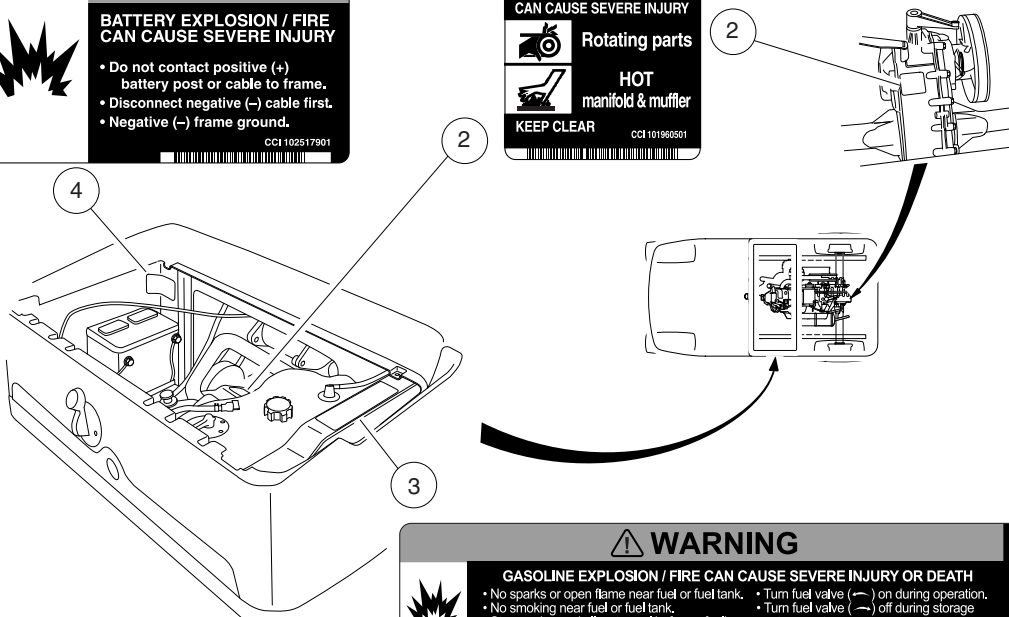
- Engage park brake to lock wheels.
- Place vehicle in NEUTRAL.
- Turn key to OFF and remove key.

WARNING

ROLLOVER OR FALLING OFF MAY CAUSE SERIOUS INJURY OR DEATH.

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

CCI 102519301



000444-003

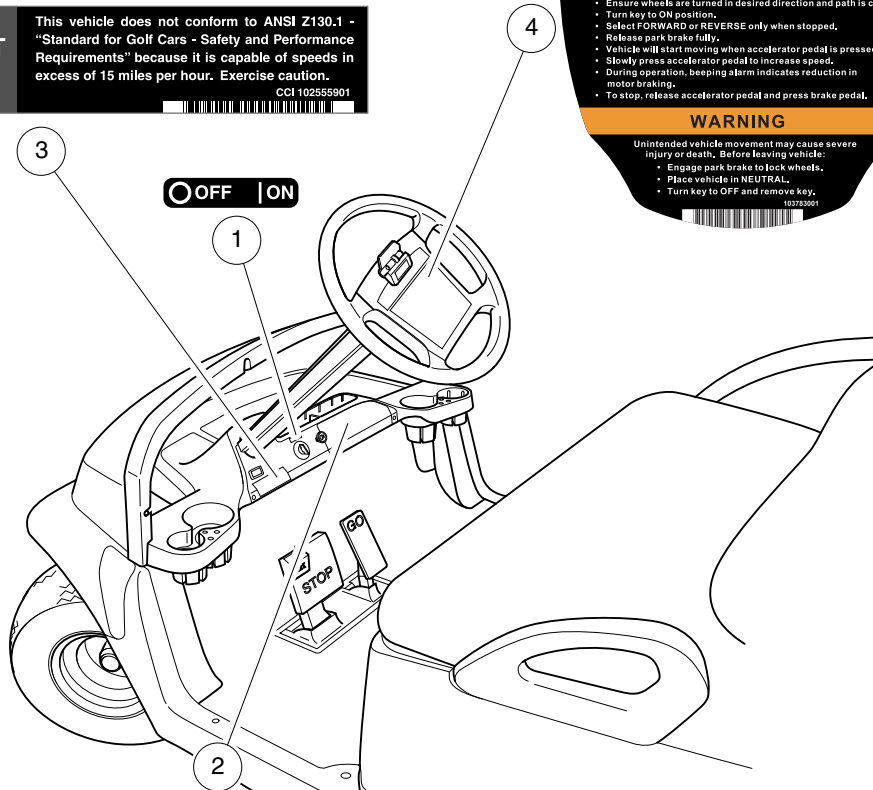
DECALS – GASOLINE VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY	3 G E
		1 2 3 4		
1	<u>101825101</u>	Decal, Off/On	1	
2	<u>101960501</u>	Decal, Rotating Parts/Hot Manifold	2	
3	<u>102517801</u>	Decal, Warning - Gas and Govenor	1	
4	<u>102517901</u>	Decal, Warning - Frame Ground	1	
5	<u>102519301</u>	Decal, Warning, Rollover	1	
6	<u>102540901</u>	Decal, Club Car Clip	1	
7	<u>103783002</u>	Decal, Op Instr, Gas Ps	1	

**IMPORTANT
NOTICE**

This vehicle does not conform to ANSI Z130.1 - "Standard for Golf Cars - Safety and Performance Requirements" because it is capable of speeds in excess of 15 miles per hour. Exercise caution.

CCI 102555901

**OPERATING INSTRUCTIONS**

Before using vehicle, read owner's manual and vehicle safety warnings. Study and understand controls.

TO OPERATE

- Ensure wheels are turned in desired direction and path is clear.
- Turn key to ON position.
- Select FORWARD or REVERSE only when stopped.
- Release park brake fully.
- Vehicle will start moving when accelerator pedal is pressed.
- Slowly press accelerator pedal to increase speed.
- During operation, beeping alarm indicates reduction in motor braking.
- To stop, release accelerator pedal and press brake pedal.

WARNING

Unintended vehicle movement may cause severe injury or death. Before leaving vehicle:

- Engage park brake to lock wheels.
- Place vehicle in NEUTRAL.
- Turn key to OFF and remove key.

103733001

⚠ WARNING**ROLLOVER OR FALLING OFF MAY CAUSE SERIOUS INJURY OR DEATH.**

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

CCI 102519301

000441-010

DECALS – ELECTRIC VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY	3 G E
		1 2 3 4		
1	<u>101825101</u>	Decal, Off/On	1	
2	<u>102519301</u>	Decal, Warning, Rollover	1	
3	<u>102555901</u>	Decal, Private Speed, Prec	1	
4	<u>103783001</u>	Decal, Op Instr, Ele	1	

WARNING

BATTERY EXPLOSION COULD RESULT IN SEVERE PERSONAL INJURY

- Place Run/Tow switch in TOW position before performing any of the following:
 - Disconnecting or connecting battery cables
 - Towing this vehicle
 - Extended storage
 - Servicing the vehicle
- Do not store items in battery compartment.
- Keep electronic components dry.
- Do not operate vehicle without this plate properly installed.
- See vehicle service manual before servicing.

RUN

TOW

CCI 103384601

CAUTION EXPOSURE TO WATER MAY DAMAGE ELECTRONIC COMPONENTS

- Do not direct water stream in the area of this plate.
- See vehicle service manual before servicing.

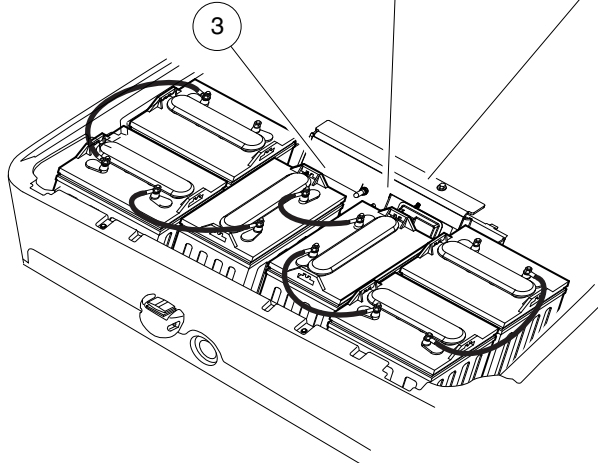
CCI 103384601

WARNING

SHORTING OF BATTERY TERMINALS CAN CAUSE PERSONAL INJURY OR DEATH.

- When removing component mounting plate, do not place plate directly on top of batteries.

103384701



000441-011

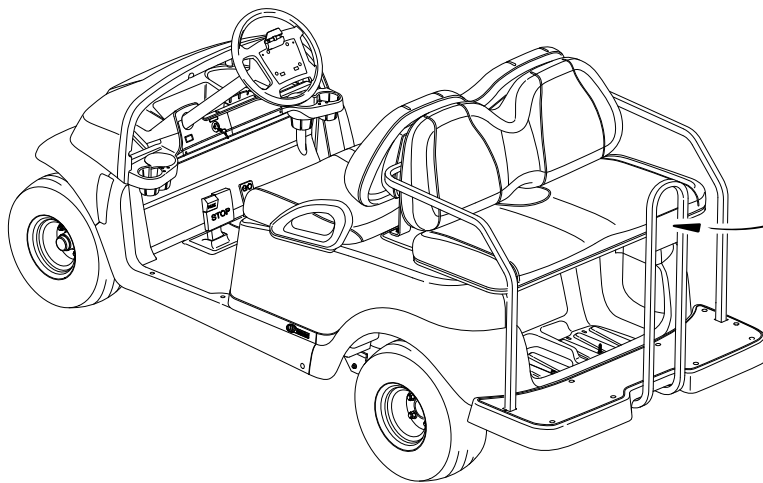
DECALS – ELECTRIC VEHICLE, CONTINUED

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>103384601</u>	Decal-water Exposure	1
2	<u>103384701</u>	Decal-warning, Short	1
3	<u>103384801</u>	Decal-warning, Run Tow	1

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WARNING

FALLING OFF COULD RESULT IN SEVERE INJURY OR DEATH

- Remain seated with entire body inside vehicle and hold on to seat handle or handrail at all times.
- Two (2) persons per bench seat maximum.
- One (1) person per bucket seat maximum.
- Do not leave children unattended on vehicle at anytime.
- Never stand in front of or behind vehicle.

CCI 101705701



000495-001

DECAL – PRECEDENT VILLAGER 4

ITEM	PART NO.	DESCRIPTION	QTY
1	<u>101705701</u>	1 2 3 4 Decal, Warning	4

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BRAKES AND PEDAL GROUP ASSEMBLIES

4

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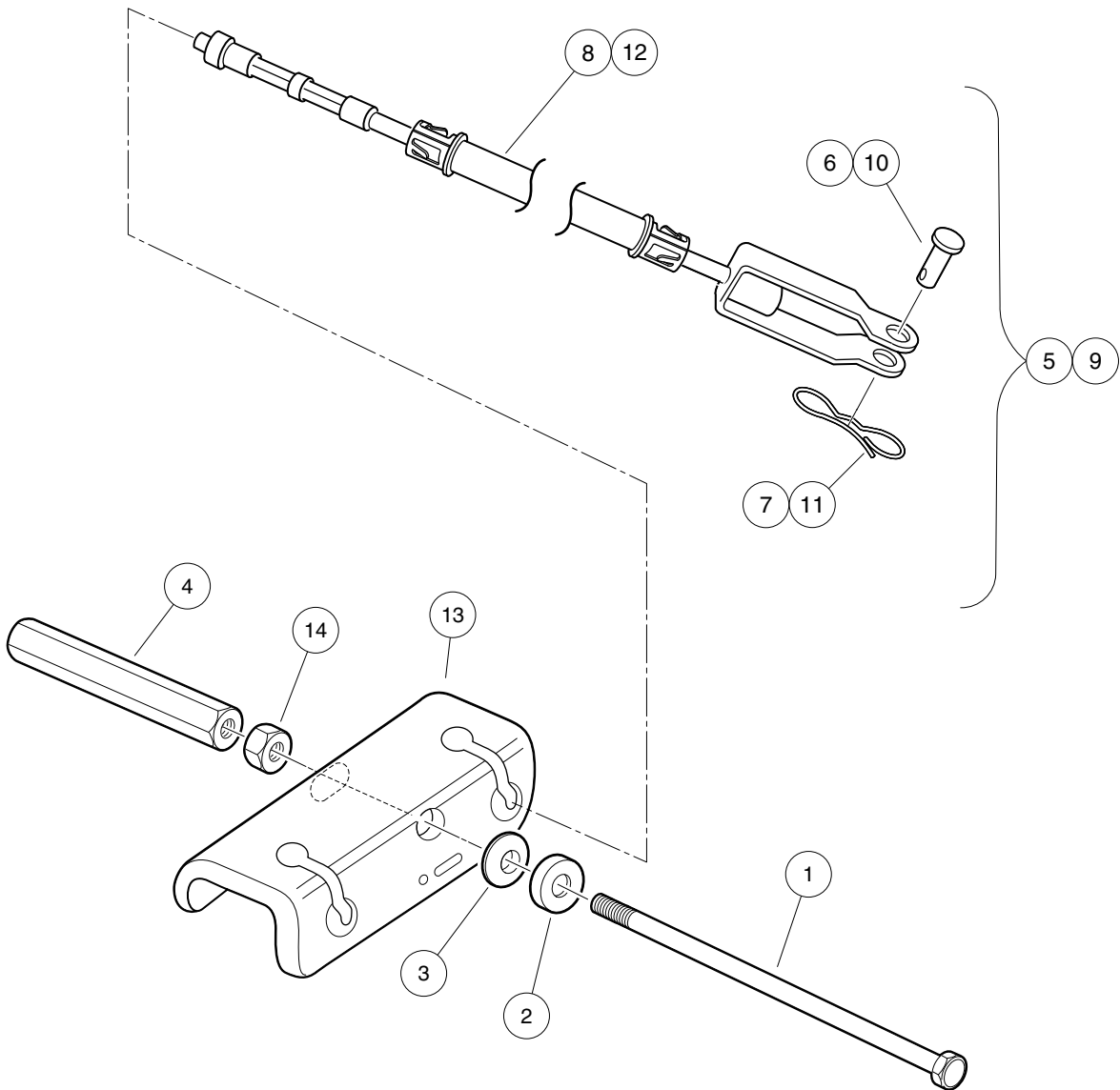
REAR BRAKE ASSEMBLY, SELF-ADJUSTING

ITEM	PART NO.	DESCRIPTION	QTY	4
		1 2 3 4		G
1	<u>1013924</u>	Nut, 5/16-24, Hex Head Cone	8	E
2	<u>1014153</u>	Bolt, Brake Cluster Mounting	8	
3	<u>101791101</u>	Drum without Center Hole, Brake	2	
4	<u>103380201</u>	Asm, Brake Cluster, Mech, Drvr (includes items 5 through 16)	1	
5	<u>101815502</u>	Lever Assembly, Self-Adjusting Brake, Left	1	
6	<u>101816502</u>	Adjusting Mechanism, Self-Adjusting Brake, Left	1	
7	<u>101823201</u>	Package, Brake Shoe, Self-Adjusting	1	
8	<u>101823801</u>	Plate, Washer, Brake, Self-Adjusting	1	
9	<u>101823901</u>	Washer, Brake, Self-Adjusting	1	
10	<u>103483102</u>	Back Plate, Lh	1	
11	<u>103483201</u>	Kit, Shoe Retainer (includes items 12 and 13)	1	
12	N/A	Pin	2	
13	N/A	Spring, Shoe, Clamp	2	
14	<u>103483401</u>	Package Brake Spring Self Adj	1	
15	<u>103483601</u>	Cover, Dust	1	
16	<u>103483701</u>	Brake Block	1	
17	<u>103380202</u>	Asm, Brake Cluster, Mech, Pass (includes items 18 through 29)	1	
18	<u>101815501</u>	Lever Assembly, Self-Adjusting Brake, Right (Passenger)	1	
19	<u>101816501</u>	Adj Mechanism, S.A. Brakes, Right (Passenger)	1	
20	<u>101823201</u>	Package, Brake Shoe, Self-Adjusting	1	
21	<u>101823801</u>	Plate, Washer, Brake, Self-Adjusting	1	
22	<u>101823901</u>	Washer, Brake, Self-Adjusting	1	
23	<u>103483101</u>	Back Plate, Rh	1	
24	<u>103483201</u>	Kit, Shoe Retainer (includes items 25 and 26)	1	
25	N/A	Pin	2	
26	N/A	Spring, Shoe, Clamp	2	
27	<u>103483401</u>	Package Brake Spring Self Adj	1	
28	<u>103483601</u>	Cover, Dust	1	
29	<u>103483701</u>	Brake Block	1	
Note: Driver-side brake cluster not shown. Components have a similar appearance to passenger-side brake cluster components.				

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000467-005

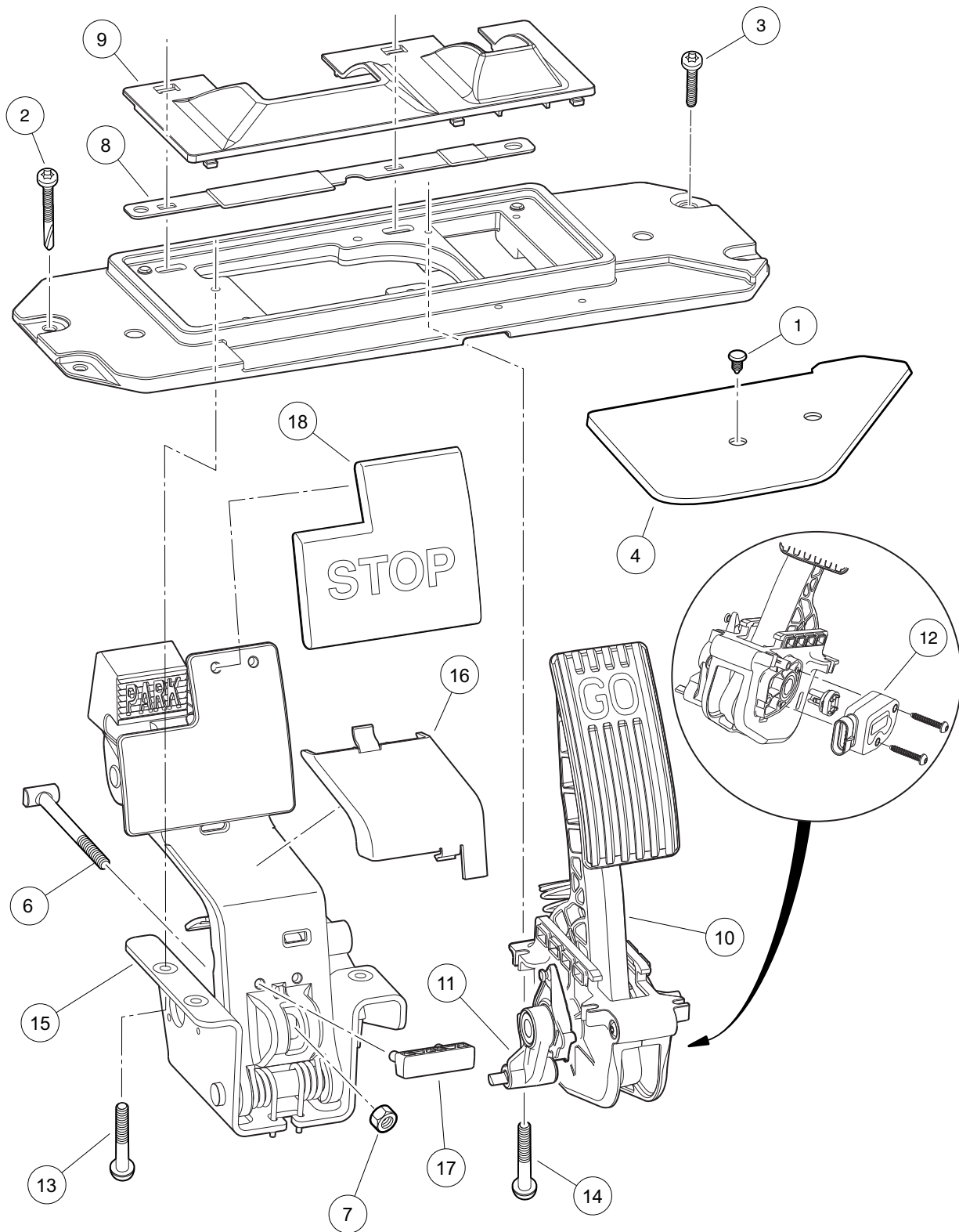
BRAKE CABLES AND EQUALIZER BRACKET

ITEM	PART NO.	DESCRIPTION	QTY	4
		1 2 3 4		G
1	<u>102297901</u>	Bolt, 5/16-18 X 7.375, Hex	1	E
2	<u>102551901</u>	Washer, 5/16, Self Comp, Cup	1	
3	<u>102552001</u>	Washer, 5/16, Self Comp, Cone	1	
4	<u>102594301</u>	Nut, 5/16-18, Hex Adjusting -l	1	
5	<u>103528701</u>	Kit, Brake Cable, Prec, Rh (includes items 6 through 8)	1	
6	<u>1010829</u>	Pin, Clevis, 5/16 X 3/4	1	
7	<u>102292801</u>	Pin, Bow Tie Locking - .072	1	
8	N/A	Cable, Brake, Prec, Right	1	
9	<u>103528702</u>	Kit, Brake Cable, Prec, Lh (includes items 10 through 12)	1	
10	<u>1010829</u>	Pin, Clevis, 5/16 X 3/4	1	
11	<u>102292801</u>	Pin, Bow Tie Locking - .072	1	
12	N/A	Cable, Brake, Prec, Left	1	
13	<u>103535001</u>	Bracket, Equalizer, Prec Awd	1	
14	<u>1242</u>	Nut, 5/16-18 Hex	1	

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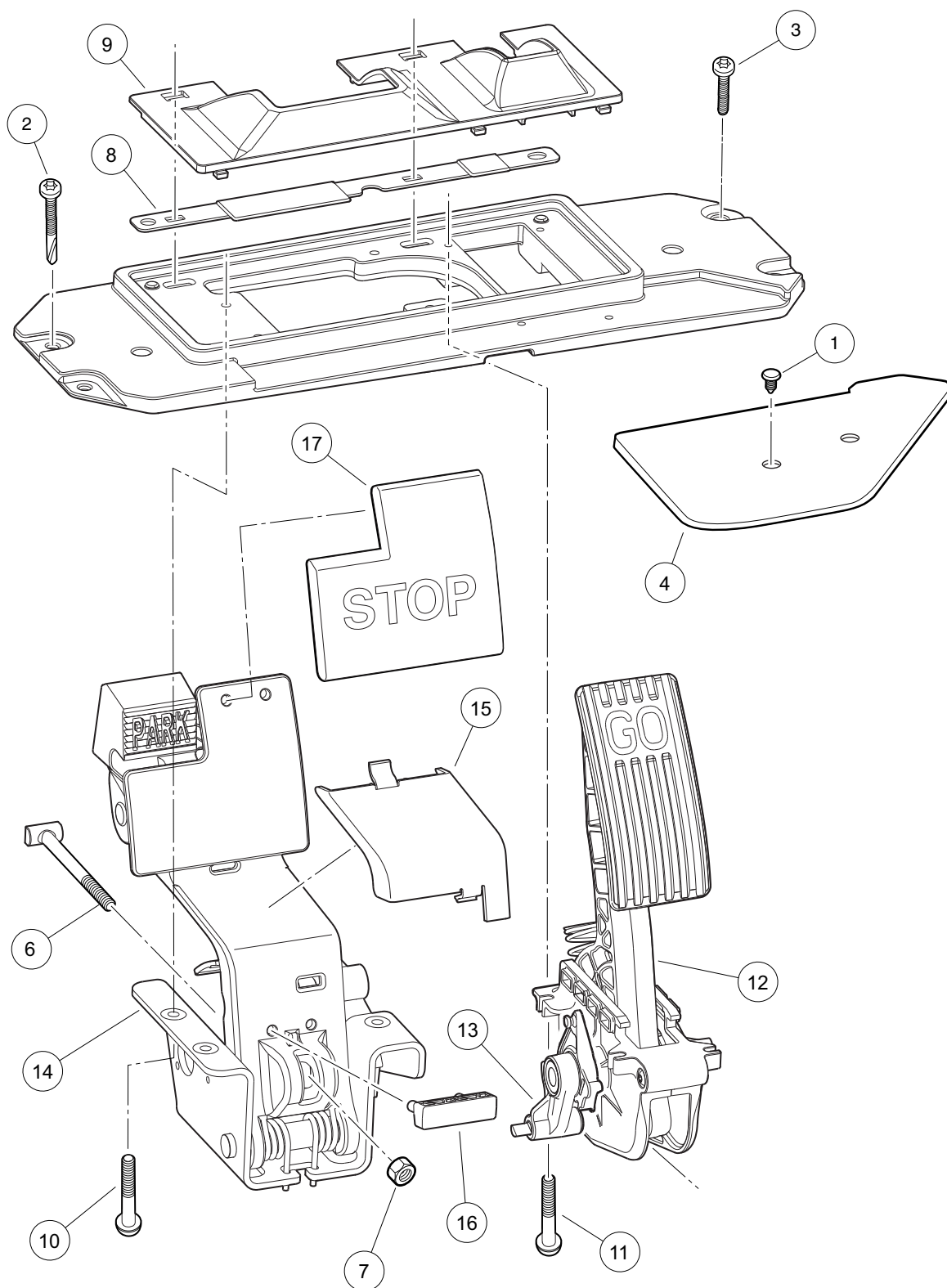
PEDAL GROUP WITH SENSOR, GENERATION 2, GASOLINE VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY	4
		1 2 3 4		G
1	<u>1010434</u>	Barrel - Plastic	1	E
2	<u>102292201</u>	Screw-1/4-20x2.20 Tx Pn Hd Sd	2	
3	<u>102298030</u>	Screw, K80x30, Torx Pn Hd Pt	2	
4	<u>102500801</u>	Plate - Floor Cover	1	
5	<u>103974815</u>	Asm, Pedal Set, Anodized, Service, Gas Vehicle (includes items 6 through 15)	1	
6	<u>102559401</u>	Rod, Brake	1	
7	<u>102559701</u>	Nut, Brake Rod	1	
8	<u>102594801</u>	Shield, Debris Aux	1	
9	<u>102594901</u>	Shield, Debris Primary	1	
10	<u>102595502</u>	Asm, Accel. Pedal/Throttle, Anodized, Gas Vehicle (includes items 11 and 12)	1	
11	<u>103777601</u>	Asm, Park Brake Release, Anodized	1	
12	N/A	Throttle Sensor	1	
13	<u>102595901</u>	Screw, M6x1.0x17 Ph, Taptite	4	
14	<u>102596001</u>	Screw, M5x0.8x18 Ph, Taptite	4	
15	<u>103974901</u>	Asm, Brake Pedal, Anodized (includes items 16 through 18)	1	
16	<u>102595201</u>	Cover, Brake	1	
17	<u>102595301</u>	Upstop, Brake	1	
18	<u>102595401</u>	Pad, Brake	1	

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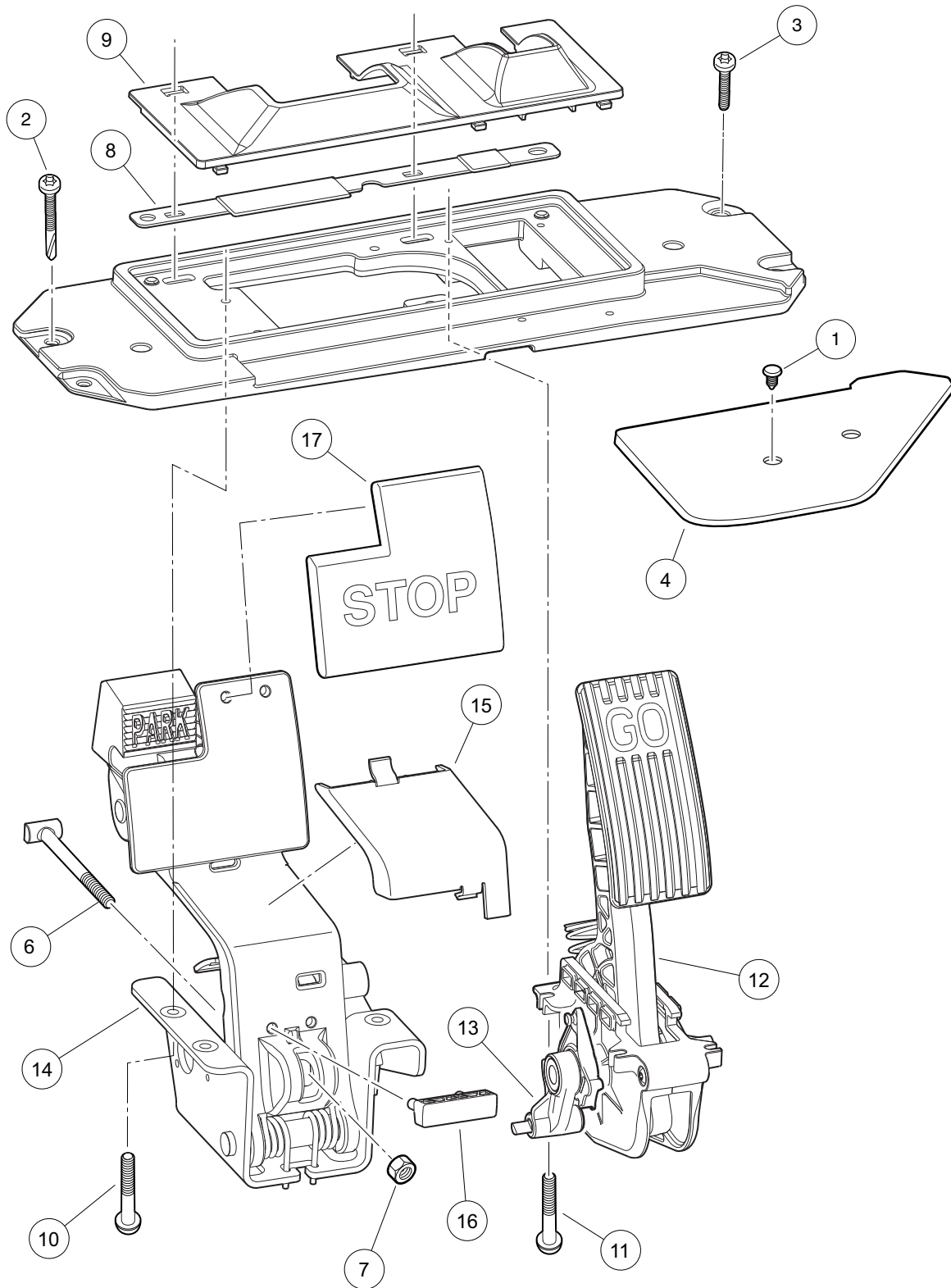
PEDAL GROUP, NO SENSOR, GENERATION 2, GASOLINE VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY	4 G E
		1 2 3 4		
1	<u>1010434</u>	Barrel - Plastic	1	
2	<u>102292201</u>	Screw-1/4-20x2.20 Tx Pn Hd Sd	2	
3	<u>102298030</u>	Screw, K80x30, Torx Pn Hd Pt	2	
4	<u>102500801</u>	Plate - Floor Cover	1	
5	<u>103974821</u>	Asm, Pedal, Anodized, Field Service, Gas or Elec (includes items 6 through 14)	1	
6	<u>102559401</u>	Rod, Brake	1	
7	<u>102559701</u>	Nut, Brake Rod	1	
8	<u>102594801</u>	Shield, Debris Aux	1	
9	<u>102594901</u>	Shield, Debris Primary	1	
10	<u>102595901</u>	Screw, M6x1.0x17 Ph, Taptite	4	
11	<u>102596001</u>	Screw, M5x0.8x18 Ph, Taptite	4	
12	<u>102596301</u>	Pedal, Accelerator, Anodized, Gas or Elec (includes item 13)	1	
13	<u>103777601</u>	Asm, Park Brake Release, Anodized	1	
14	<u>103974901</u>	Asm, Brake Pedal, Anodized (includes items 15 through 17)	1	
15	<u>102595201</u>	Cover, Brake	1	
16	<u>102595301</u>	Upstop, Brake	1	
17	<u>102595401</u>	Pad, Brake	1	
Note: Pedal Assembly <u>103974821</u> has no sensor and is common to both gas and electric vehicles.				

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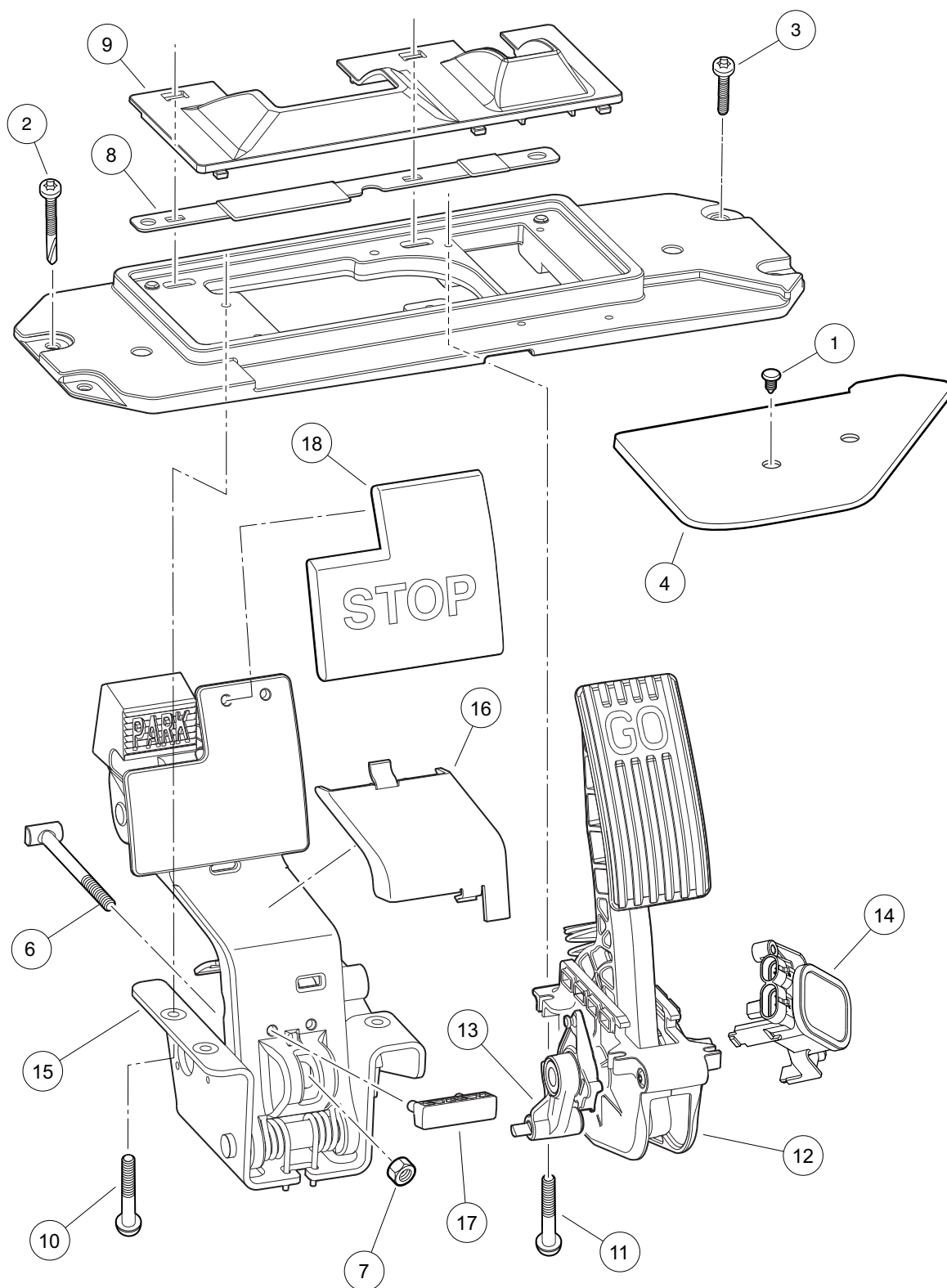
PEDAL GROUP, NO MCOR, GENERATION 2, ELECTRIC VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY	4
		1 2 3 4		G
1	<u>1010434</u>	Barrel - Plastic	1	E
2	<u>102292201</u>	Screw-1/4-20x2.20 Tx Pn Hd Sd	2	
3	<u>102298030</u>	Screw, K80x30, Torx Pn Hd Pt	2	
4	<u>102500801</u>	Plate - Floor Cover	1	
5	<u>103974821</u>	Asm, Pedal, Anodized, Field Service, Gas or Elec (includes items 6 through 14)	1	
6	<u>102559401</u>	Rod, Brake	1	
7	<u>102559701</u>	Nut, Brake Rod	1	
8	<u>102594801</u>	Shield, Debris Aux	1	
9	<u>102594901</u>	Shield, Debris Primary	1	
10	<u>102595901</u>	Screw, M6x1.0x17 Ph, Taptite	4	
11	<u>102596001</u>	Screw, M5x0.8x18 Ph, Taptite	4	
12	<u>102596301</u>	Pedal, Accelerator, Anodized, Gas or Elec (includes item 13)	1	
13	<u>103777601</u>	Asm, Park Brake Release, Anodized	1	
14	<u>103974901</u>	Asm, Brake Pedal, Anodized (includes items 15 through 17)	1	
15	<u>102595201</u>	Cover, Brake	1	
16	<u>102595301</u>	Upstop, Brake	1	
17	<u>102595401</u>	Pad, Brake	1	
Note: <u>103974821</u> has no sensor and is common to both gas and electric vehicles.				

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000487-017

PEDAL GROUP, WITH MCOR, GENERATION 2 – ELECTRIC VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY	4 G E
		1 2 3 4		
1	<u>1010434</u>	Barrel - Plastic	1	
2	<u>102292201</u>	Screw-1/4-20x2.20 Tx Pn Hd Sd	2	
3	<u>102298030</u>	Screw, K80x30, Torx Pn Hd Pt	2	
4	<u>102500801</u>	Plate - Floor Cover	1	
5	<u>103975011</u>	Asm, Pedal Set, Anodized, Service, Elec Vehicle (includes items 6 through 14)	1	
6	<u>102559401</u>	Rod, Brake	1	
7	<u>102559701</u>	Nut, Brake Rod	1	
8	<u>102594801</u>	Shield, Debris Aux	1	
9	<u>102594901</u>	Shield, Debris Primary	1	
10	<u>102595901</u>	Screw, M6x1.0x17 Ph, Taptite	4	
11	<u>102596001</u>	Screw, M5x0.8x18 Ph, Taptite	4	
12	<u>102596301</u>	Pedal, Accelerator, Anodized, Gas or Elec (includes item 13)	1	
13	<u>103777601</u>	Asm, Park Brake Release, Anodized	1	
14	<u>103974901</u>	Asm, Brake Pedal, Anodized (includes items 15 through 17)	1	
15	<u>102595201</u>	Cover, Brake	1	
16	<u>102595301</u>	Upstop, Brake	1	
17	<u>102595401</u>	Pad, Brake	1	
Note: See the Electrical System - Section 12 for MCOR information.				

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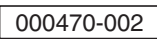
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STEERING, FRONT AND REAR SUSPENSION

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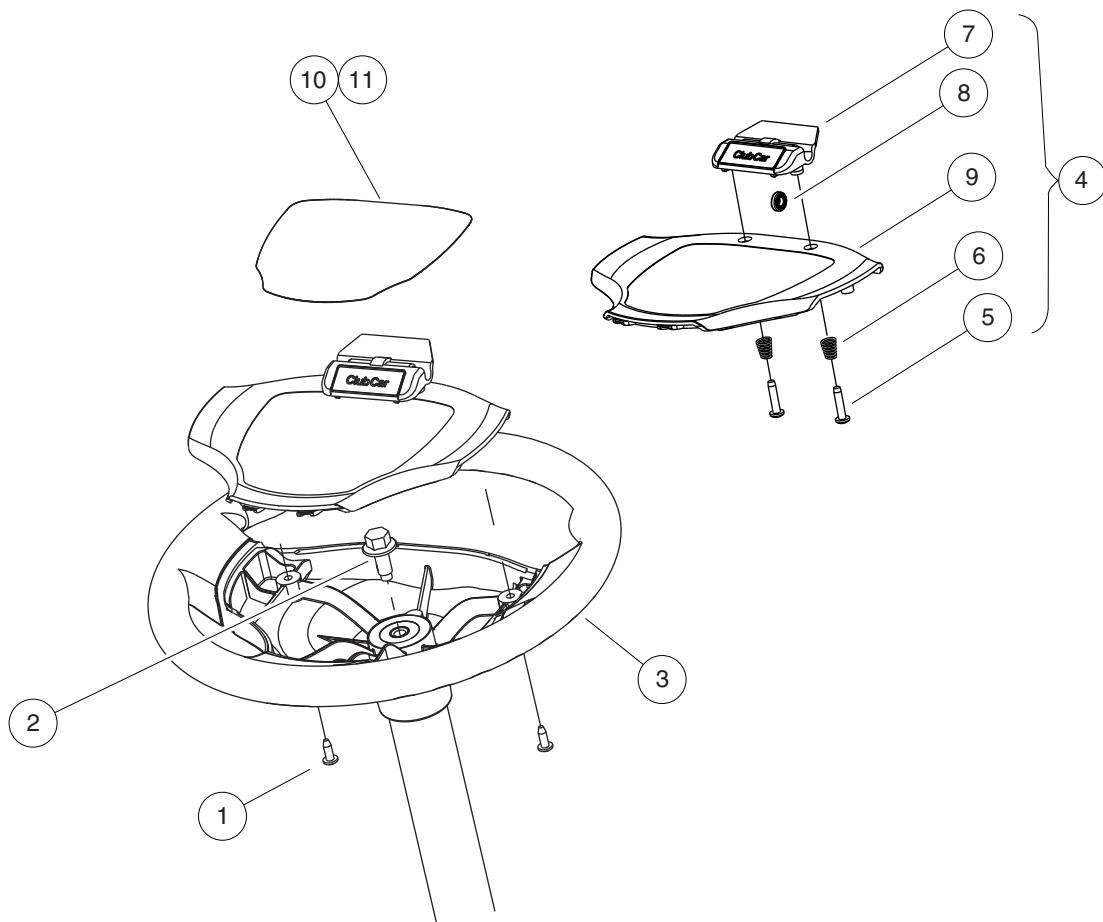
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STEERING WHEEL, COMFORT GRIP

ITEM	PART NO.	DESCRIPTION	QTY	5 G E
		1 2 3 4		
1	<u>103796701</u>	Kit, Hex, Steering Wheel (includes items 2 through 13)	1	
2	<u>101850301</u>	Screw, #12-16 X 0.50 Washer-Head Hi-Lo	2	
3	<u>102290120</u>	Bolt, M10 X 20 Hex Washer Hd	1	
4	<u>103724503</u>	Steering Wheel, Soft Grip, Hex	1	
5	<u>103724901</u>	Asm, Scorecard, Clip (includes items 6 through 10)	1	
6	<u>1012565</u>	Screw, #12 Phillips Round Head	2	
7	<u>1012566</u>	Tapered Compression Spring	2	
8	<u>1016154</u>	Clip, Scorecard	1	
9	<u>1016214</u>	Pencil Grip	1	
10	<u>103724601</u>	Cover, Steering Wheel, Clip	1	
11	<u>103783001</u>	Decal, Op Instr, Ele	1	
12	<u>103783002</u>	Decal, Op Instr, Gas Ps	1	
13	<u>103783003</u>	Decal, Op Instr, Gas Ks	1	
Note: Decal Item 13 is not used for Precedent vehicles.				



000470-005

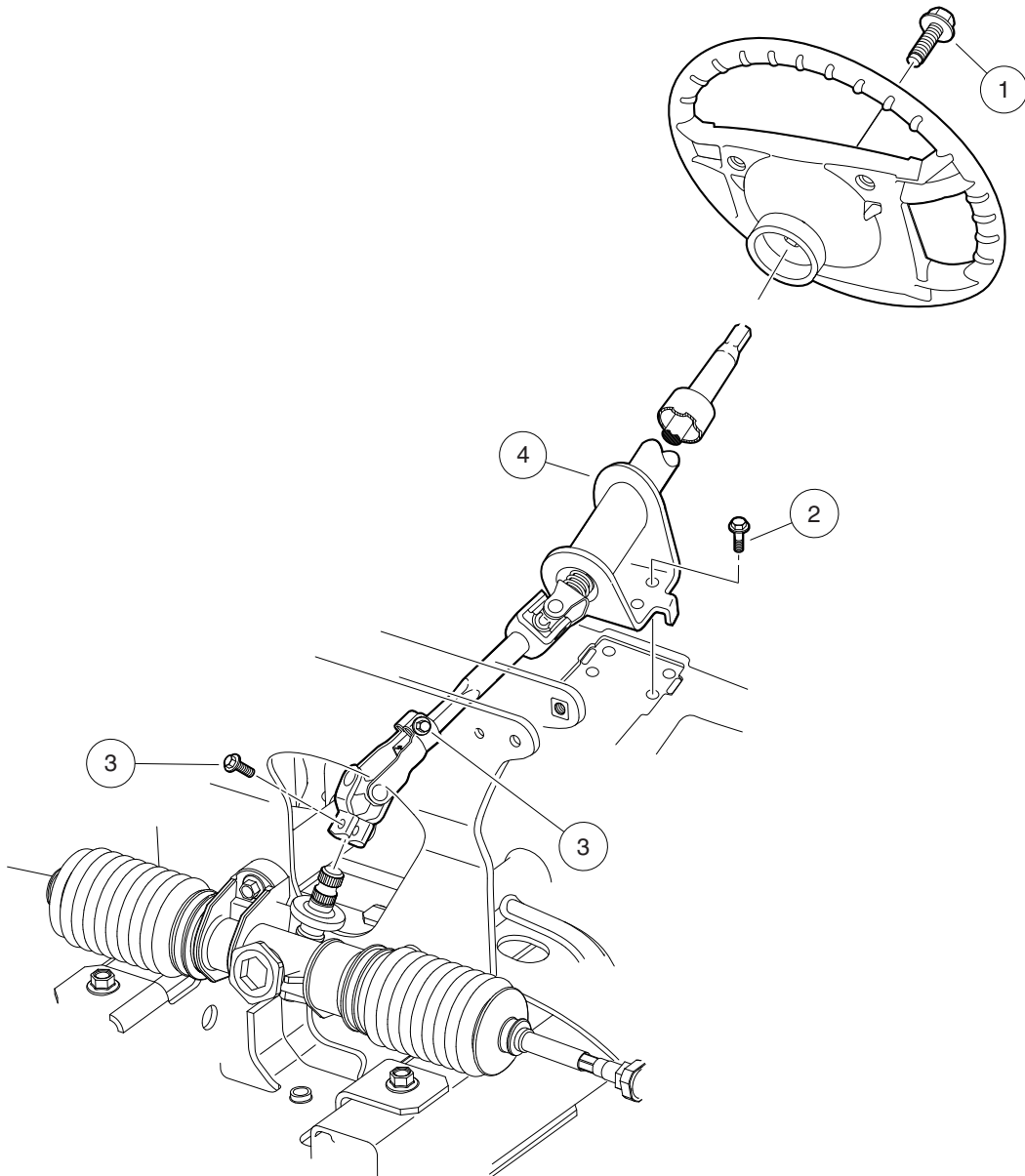
STEERING WHEEL

ITEM	PART NO.	DESCRIPTION	QTY	5 G E
		1 2 3 4		
1	<u>101850301</u>	Screw, #12-16 X 0.50 Washer-Head Hi-Lo	2	
2	<u>102290120</u>	Bolt, M10 X 20 Hex Washer Hd	1	
3	<u>103724501</u>	Steering Wheel, Hex	1	
4	<u>103724901</u>	Asm, Scorecard, Clip (includes items 5 through 9)	1	
5	<u>1012565</u>	Screw, #12 Phillips Round Head	2	
6	<u>1012566</u>	Tapered Compression Spring	2	
7	<u>1016154</u>	Clip, Scorecard	1	
8	<u>1016214</u>	Pencil Grip	1	
9	<u>103724601</u>	Cover, Steering Wheel, Clip	1	
10	<u>103783001</u>	Decal, Op Instr, Ele	1	
11	<u>103783002</u>	Decal, Op Instr, Gas Ps	1	

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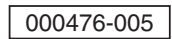
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000469-003

STEERING COLUMN

ITEM	PART NO.	DESCRIPTION	QTY	5 G E
		1 2 3 4		
1	102290120	Bolt, M10 X 20 Hex Washer Hd	1	
2	<u>102298116</u>	Bolt, Flanged Head, M8 X 16.0	4	
3	<u>102298130</u>	Bolt, Flange Head, M8 X 30.0	2	
4	<u>103209501</u>	Assy, Steering Column, Ld	1	



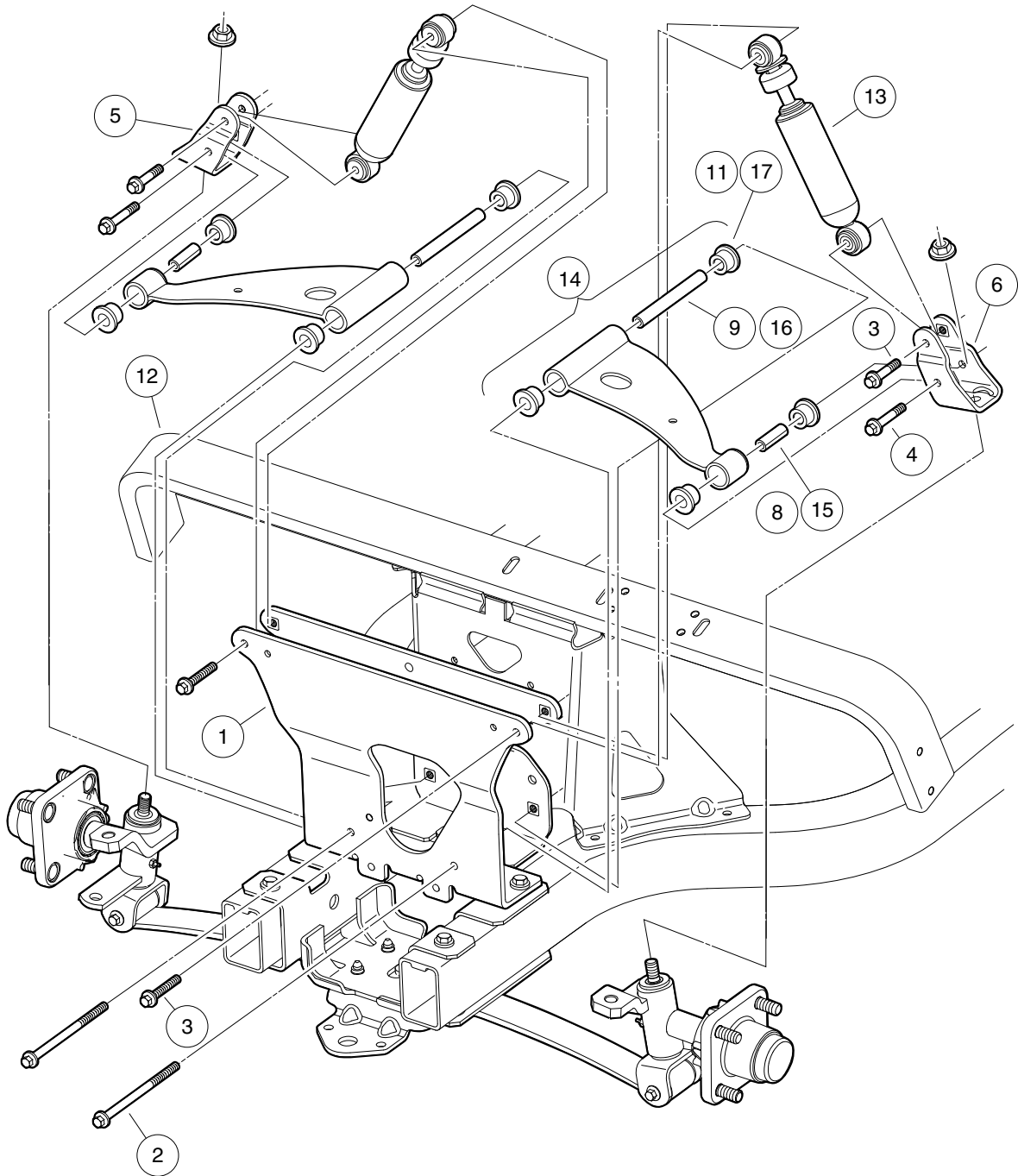
STEERING GEAR ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY	5
		1 2 3 4		G
1	<u>102022601</u>	End, Tie Rod M12 X 1.25 Rh	2	E
2	<u>102289001</u>	Screw, M8X1.25X30, Hex	3	
3	<u>103679701</u>	Asm, Rack & Pinion, Precedent (includes items 4 through 9)	1	
4	<u>102565201</u>	Seal, Dust, Steering Pinion	1	
5	<u>103826201</u>	Bellow Kit, Prec Steering-sona (includes items 6 through 8)	2	
6	<u>102566001</u>	Clip, Steering, Prec	1	
7	<u>8990</u>	Tie Wrap, 8" Nylon	1	
8	N/A	Bellows	1	
9	<u>103826301</u>	Kit, IBJ (Inner Ball Joint), Prec Steering-sona (includes items 10 and 11)	2	
10	1013042	Nut, 12mm Hex	1	
11	N/A	Inner Ball Joint	1	

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000445-005

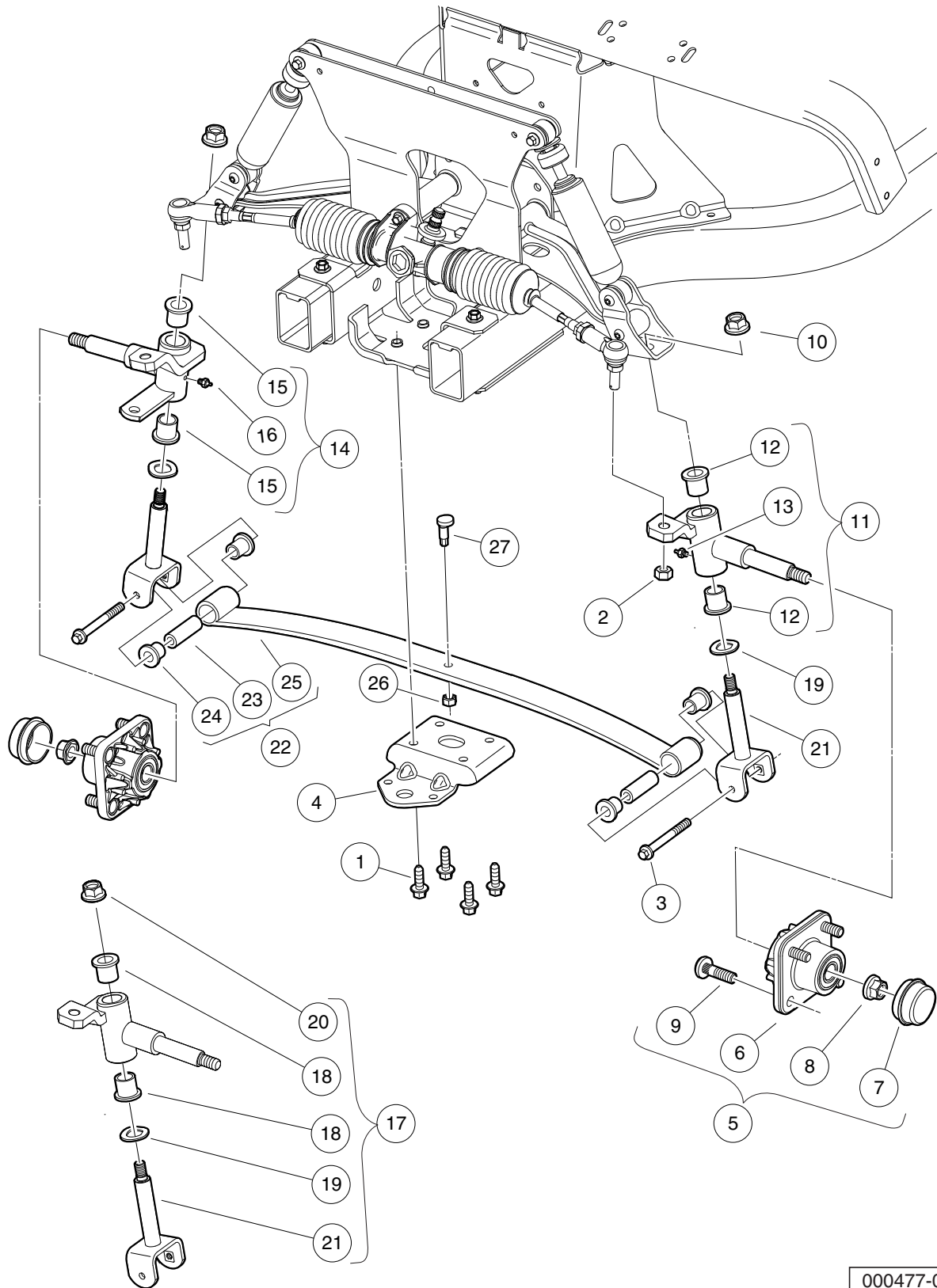
FRONT SUSPENSION, UPPER

ITEM	PART NO.	DESCRIPTION	QTY	5 G E
		1 2 3 4		
1	<u>102287101</u>	Assembly - Front Structure	1	
2	<u>102288901</u>	Bolt, Hex, M8x1.25 X 135	2	
3	<u>102289401</u>	Screw- Hex Cap, M8 X 1.25 X 45	4	
4	<u>102289501</u>	Screw- Hex Cap, M8 X 1.25 X 70	2	
5	<u>102289601</u>	Upper Clevis Assembly - Rh	1	
6	<u>102289701</u>	Upper Clevis Assembly - Lh	1	
7	<u>102289901</u>	Kit, Susp, Bushing Joints (includes items 8 through 11)	1	
8	<u>102287601</u>	Sleeve - Rolled, Outer	2	
9	<u>102287701</u>	Sleeve - Rolled, Inner	2	
10	<u>102288101</u>	Sleeve - Rolled, Spring	2	
11	<u>102956201</u>	Bushing, Urethane, Short, Prec	12	
12	<u>102505701</u>	Assembly, Dash Support	1	
13	<u>102588601</u>	Shock Absorber Front Prv Spd	2	
14	<u>103388501</u>	Asm, 3 Piece A-arm, Bushings (includes items 15 through 17)	2	
15	<u>102287601</u>	Sleeve - Rolled, Outer	1	
16	<u>102287701</u>	Sleeve - Rolled, Inner	1	
17	<u>102956201</u>	Bushing, Urethane, Short, Prec	4	
Note: Item 7 (not shown) includes bushings and sleeves for control arms and front suspension leaf spring. See lower suspension page for illustration of Sleeve Item 10.				

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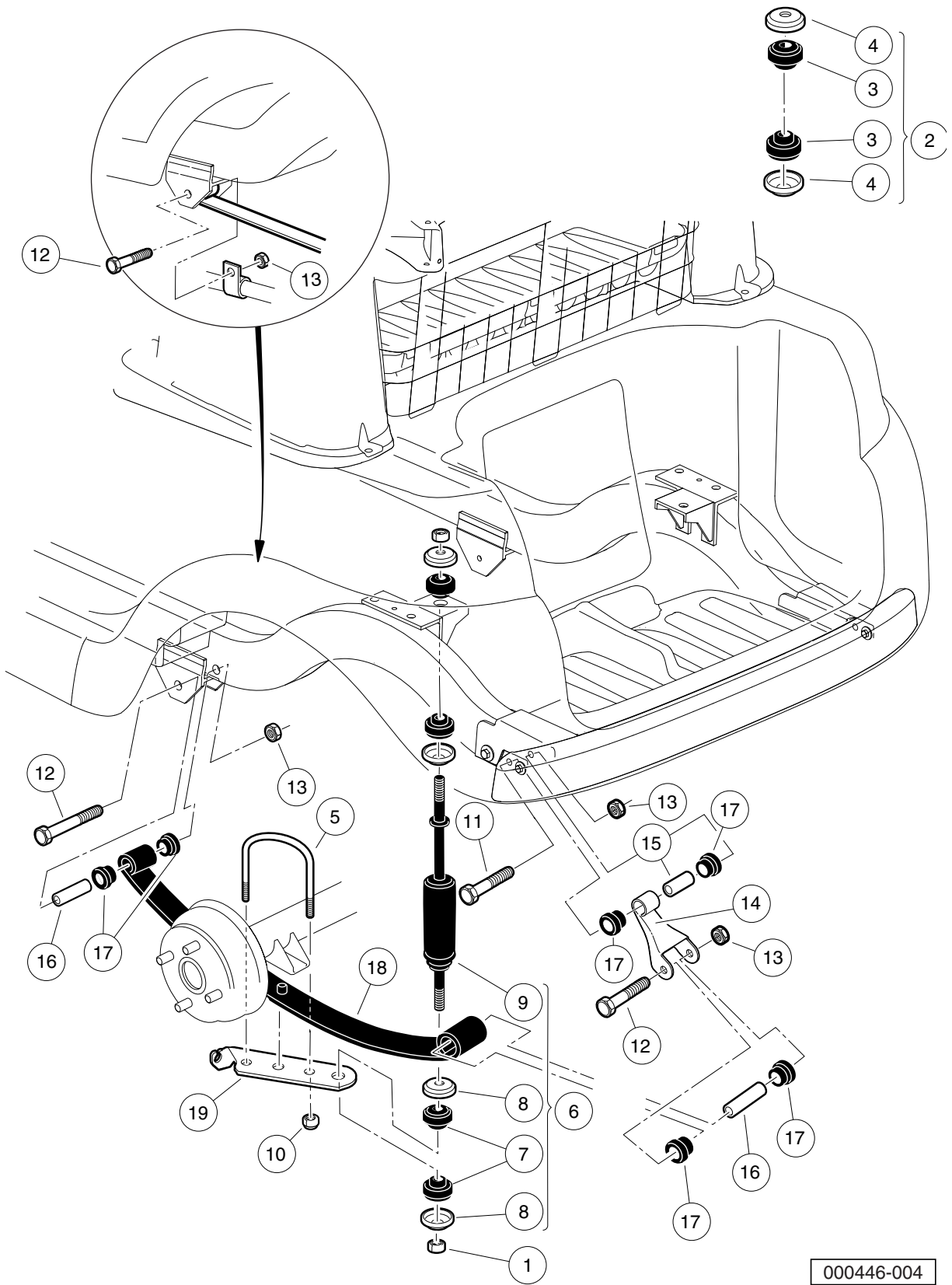
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000477-005

FRONT SUSPENSION, LOWER

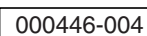
ITEM	PART NO.	DESCRIPTION	QTY	5 G E
		1 2 3 4		
1	<u>102289101</u>	Screw-m10x1.5, Trilob, Hex Fl	4	
2	<u>102289201</u>	Nut - Hex Locking, M12 X 1.25	2	
3	<u>102289501</u>	Screw- Hex Cap, M8 X 1.25 X 70	2	
4	<u>102289801</u>	Clamp - Leaf Spring	1	
5	<u>102357701</u>	Replacement Kit, Front Hub (includes items 6 through 9)	1	
6	N/A	Front Hub, Ball Bearing	1	
7	<u>102353201</u>	Cap, Front Hub	1	
8	<u>102353301</u>	Hex Nut, Locking Flange, M14x2	1	
9	<u>102353401</u>	Lug Stud, 1/2-20 UNF, 4037 Stl	4	
10	<u>102878201</u>	Nut, Lock,m12,washer,conical	2	
11	<u>103638701</u>	Asm, Spindle-bushings, Lh (includes items 12 and 13)	1	
12	<u>102288201</u>	Bushing - Flanged	2	
13	N/A	Fitting, Grease, Knuckle Spindle Asym	1	
14	<u>103638702</u>	Asm, Spindle-bushings, Rh (includes items 15 and 16)	1	
15	<u>102288201</u>	Bushing - Flanged	2	
16	N/A	Fitting, Grease, Knuckle Spindle Asym	1	
17	<u>103638801</u>	Kit, King Pin Joints, Prec (includes items 18 through 21)	1	
18	<u>102288201</u>	Bushing - Flanged	4	
19	<u>102288401</u>	Wave Washer - Kingpin	2	
20	<u>102878201</u>	Nut, Lock,m12,washer,conical	2	
21	<u>103638601</u>	Asm, King Pin, M12	2	
22	<u>103711001</u>	Asm, Spring, Leaf, Front, Prec (includes items 23 through 25)	1	
23	<u>102288101</u>	Sleeve - Rolled, Spring	2	
24	<u>102956201</u>	Bushing, Urethane, Short, Prec	4	
25	N/A	Spring, 1 Leaf, Front	1	
26	<u>706</u>	Nut, Hex 3/8-16	1	
27	<u>8745</u>	Screw, Eccentric Adjustment	1	



000446-004

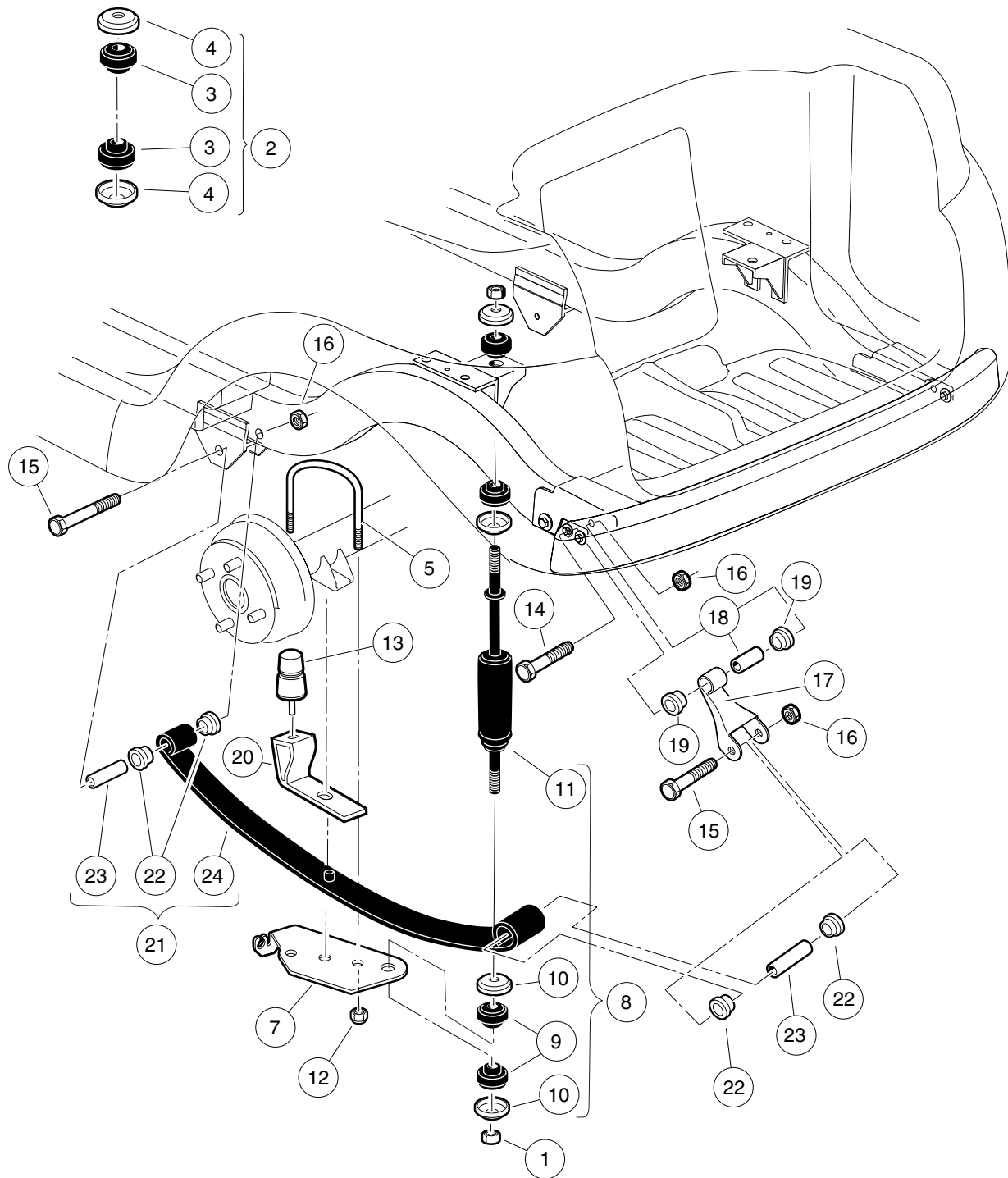
REAR SUSPENSION, GASOLINE VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY	5 G E
		1 2 3 4		
1	<u>1010145</u>	Nut, 3/8-24 Hex	4	
2	<u>1011415</u>	Kit, Shock Absorber Cushion (includes items 3 and 4)	2	
3	N/A	Cushion, Shock Absorber	2	
4	N/A	Retainer, Shock Absorber Cushion	2	
5	<u>1012180</u>	U-Bolt	2	
6	<u>1013164</u>	Shock Absorber Kit (includes items 7 through 9)	1	
7	N/A	Cushion, Shock Absorber	8	
8	N/A	Retainer, Shock Absorber Cushion	8	
9	<u>102588501</u>	Shock Absorber Rear Prv Spd	2	
10	<u>1014555</u>	Locknut, 7/16-14 Nylon Hex	4	
11	<u>102298170</u>	Bolt - Flange Hd, M8 X 70.0	2	
12	<u>102298185</u>	Bolt - Flange Hd, M8 X 85.0	4	
13	<u>102298401</u>	Nut,m8,all Metal Lock	6	
14	<u>102506201</u>	Shackle - Rear	2	
15	<u>102506301</u>	Sleeve - Shackle Upper	2	
16	<u>102506401</u>	Sleeve - Spring Eye Mounts	4	
17	<u>102506601</u>	Bushing - Urethane	12	
18	<u>102513001</u>	Rear Leaf Spring, Gas	2	
19	<u>103921601</u>	Bracket, Shock Mounting, Drv	1	
20	<u>103921602</u>	Bracket, Shock Mounting, Pas	1	



REAR SUSPENSION, ELECTRIC VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY	5 G E
		1 2 3 4		
1	<u>1010145</u>	Nut, 3/8-24 Hex	4	
2	<u>1011415</u>	Kit, Shock Absorber Cushion (includes items 3 and 4)	2	
3	N/A	Cushion, Shock Absorber	2	
4	N/A	Retainer, Shock Absorber Cushion	2	
5	<u>1012180</u>	U-Bolt	2	
6	<u>1013164</u>	Shock Absorber Kit (includes items 7 through 9)	1	
7	N/A	Cushion, Shock Absorber	8	
8	N/A	Retainer, Shock Absorber Cushion	8	
9	<u>102588501</u>	Shock Absorber Rear Prv Spd	2	
10	<u>1014555</u>	Locknut, 7/16-14 Nylon Hex	4	
11	<u>102298170</u>	Bolt - Flange Hd, M8 X 70.0	2	
12	<u>102298185</u>	Bolt - Flange Hd, M8 X 85.0	4	
13	<u>102298401</u>	Nut,m8,all Metal Lock	6	
14	<u>102506201</u>	Shackle - Rear	2	
15	<u>102506301</u>	Sleeve - Shackle Upper	2	
16	<u>102506401</u>	Sleeve - Spring Eye Mounts	4	
17	<u>102506601</u>	Bushing - Urethane	12	
18	<u>102509301</u>	Rear Leaf Spring, Elec	2	
19	<u>103921601</u>	Bracket, Shock Mounting, Drv	1	
20	<u>103921602</u>	Bracket, Shock Mounting, Pas	1	



000492-003

REAR SUSPENSION, PRECEDENT VILLAGER 4

ITEM	PART NO.	DESCRIPTION	QTY	5 G E
		1 2 3 4		
1	<u>1010145</u>	Nut, 3/8-24 Hex	4	
2	<u>1011415</u>	Kit, Shock Absorber Cushion (includes items 3 and 4)	2	
3	N/A	Cushion, Shock Absorber	2	
4	N/A	Retainer, Shock Absorber Cushion	2	
5	<u>1012180</u>	U-Bolt	2	
6	<u>1012181</u>	Bracket, Shock Mounting, Right (Passenger)	1	
7	<u>1012182</u>	Bracket, Shock Mounting, Left (Driver)	1	
8	<u>1013164</u>	Shock Absorber Kit (includes items 9 through 11)	1	
9	N/A	Cushion, Shock Absorber	8	
10	N/A	Retainer, Shock Absorber Cushion	8	
11	<u>102588501</u>	Shock Absorber Rear Prv Spd	2	
12	<u>1014555</u>	Locknut, 7/16-14 Nylon Hex	4	
13	<u>1017235</u>	Bumper, Jounce	2	
14	<u>102298170</u>	Bolt - Flange Hd, M8 X 70.0	2	
15	<u>102298185</u>	Bolt - Flange Hd, M8 X 85.0	4	
16	<u>102298401</u>	Nut,m8,all Metal Lock	6	
17	<u>102506201</u>	Shackle - Rear	2	
18	<u>102506301</u>	Sleeve - Shackle Upper	2	
19	<u>102506601</u>	Bushing - Urethane	4	
20	<u>102534801</u>	Jounce Bumper Bracket	2	
21	<u>103742303</u>	Asm, Rear Leaf Spring, Prec, 4-Passenger (includes items 22 through 24)	2	
22	<u>1015583</u>	Bushing, Urethane	4	
23	<u>102506401</u>	Sleeve - Spring Eye Mounts	2	
24	N/A	Leaf Spring, Rear, Prec 4pass	1	

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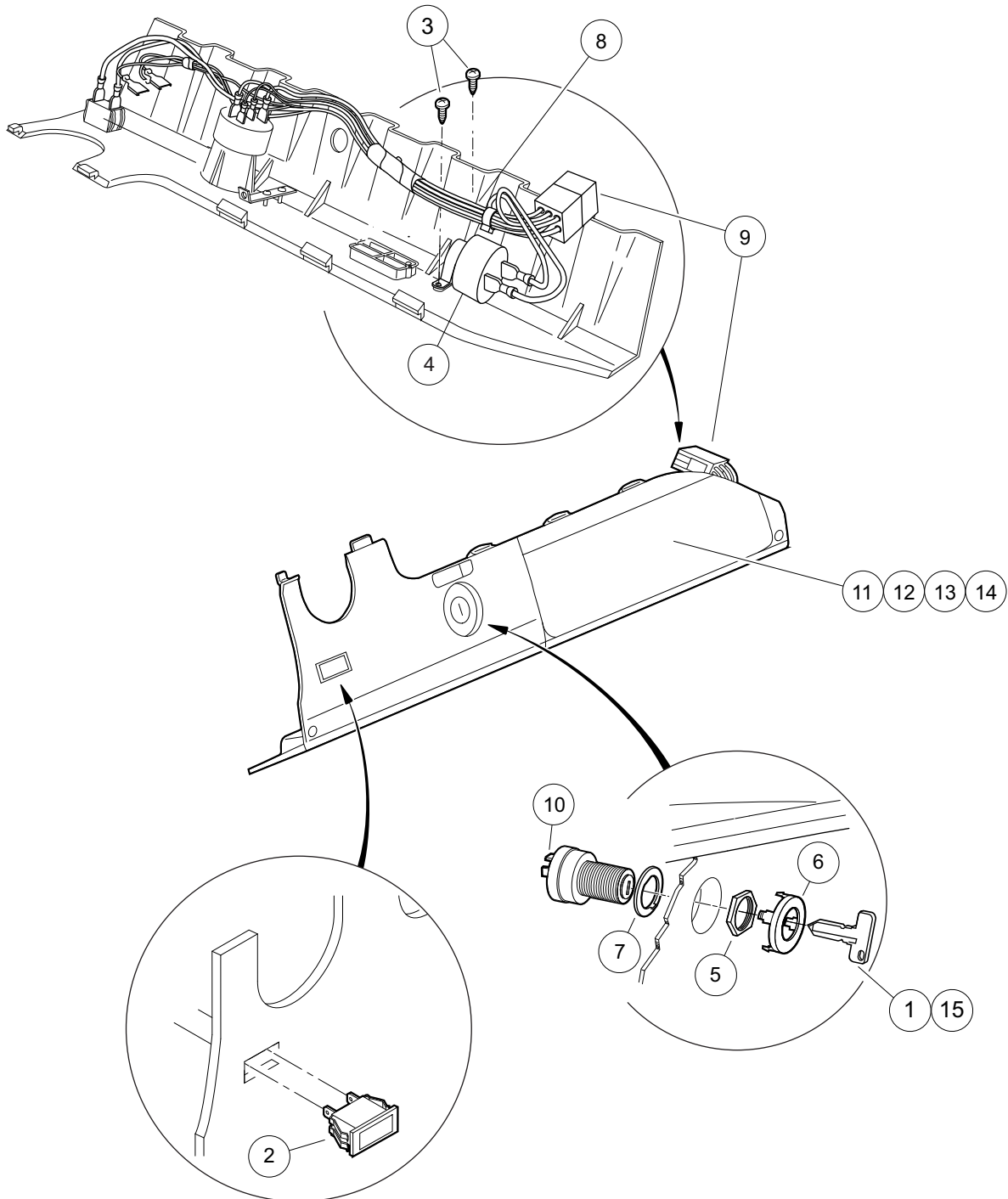
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ELECTRICAL SYSTEM – GASOLINE VEHICLE

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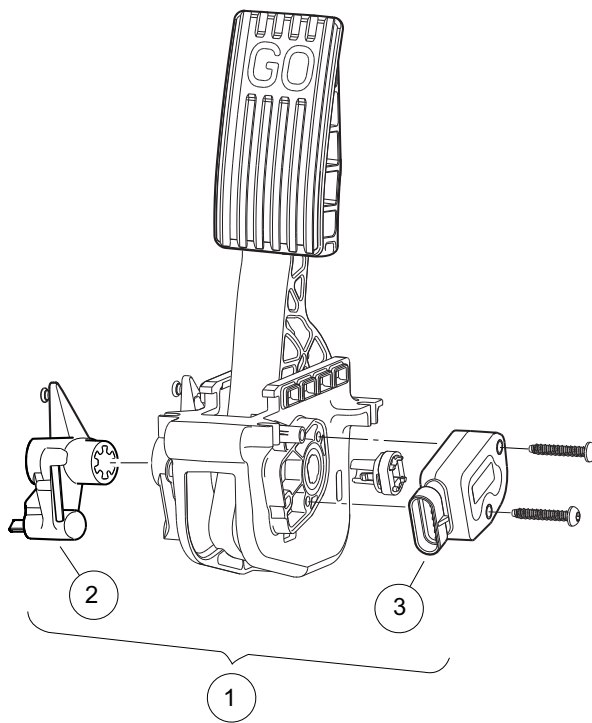
000490-003

ELECTRICAL COMPONENTS, FRONT BODY – GASOLINE VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1012505</u>	Keys (set of 2)	1
2	<u>1016630</u>	Light, Oil	1
3	<u>1016849</u>	Screw, #4-24 X 0.33, Pan-Head, Machine	2
4	<u>1016851</u>	Buzzer, Reverse (9-48 VDC)	1
5	<u>101830701</u>	Nut, Key Switch	1
6	<u>101834502</u>	Cap, Black Key Switch	1
7	<u>101851101</u>	Washer, Key Switch	1
8	<u>102515001</u>	Ip Control Harness, Gas (includes item 9)	1
9	N/A	Connector, Plug 9-pin	1
10	<u>102515101</u>	Key Switch, Gas, Prec	1
11	<u>102522901</u>	Instrument Panel (standard)	1
12	<u>102536601</u>	Instrument Panel (with Hole for Headlight Switch)	1
13	<u>102536602</u>	Instrument Panel (with Hole for Fuel Gauge)	1
14	<u>102536604</u>	Instrument Panel (with Hole for Headlight Switch and Fuel Gauge)	1
15	<u>AM10079</u>	Bulk Std Keys (50) *	1
		 * Note: Must order in multiples of 50.	

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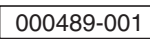
000487-012

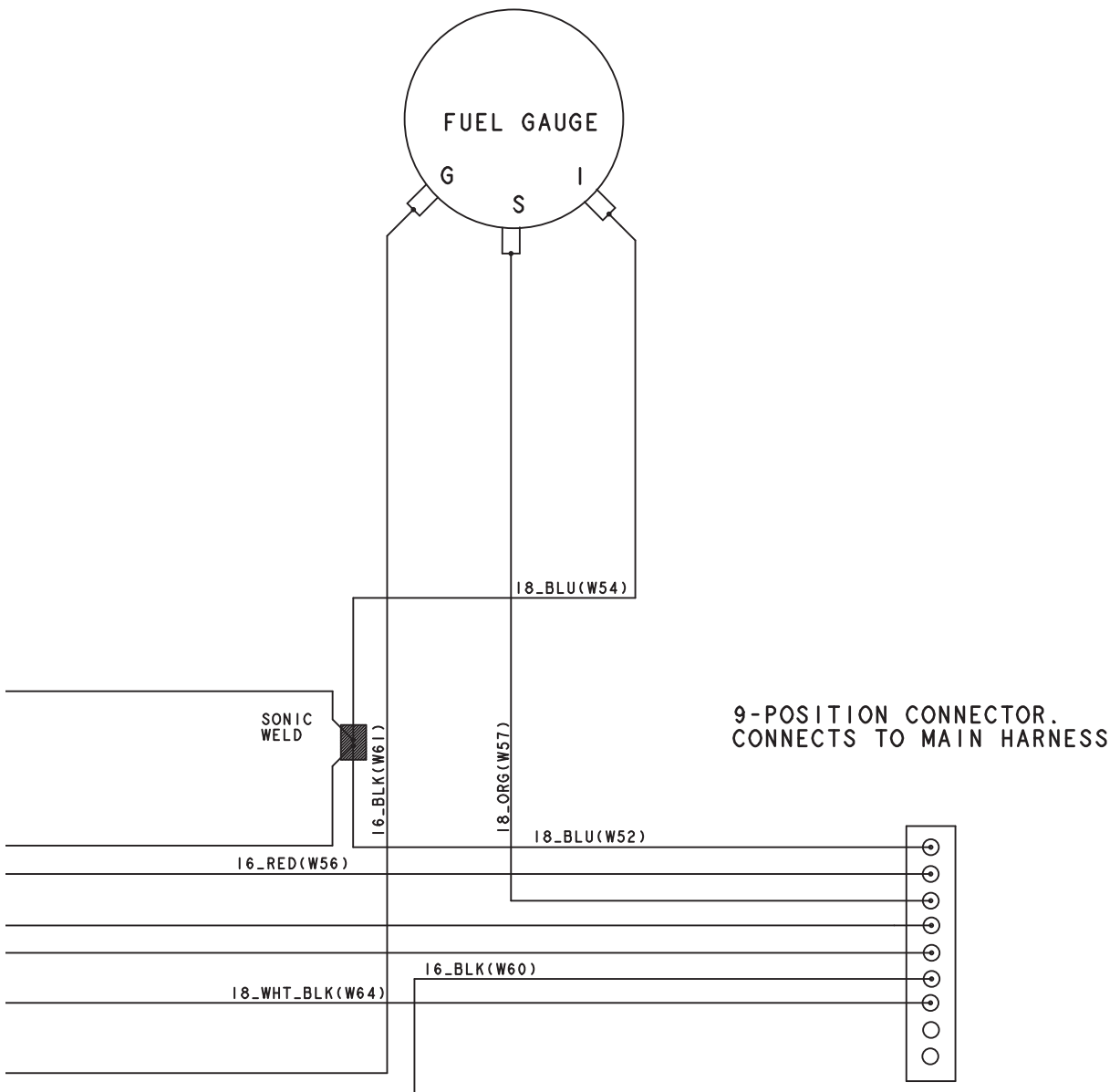
ACCELERATOR PEDAL ASSEMBLY W/SENSOR FOR GENERATION 2 PEDAL GROUP

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4 1 2 3 102595502 103777601 N/A Asm, Accel. Pedal/Throttle, Anodized, Gas Vehicle (includes items 2 and 3) Asm, Park Brake Release, Anodized Throttle Sensor 1 1 1 Note: For a complete Pedal Group, see section 4, Brakes and Pedal Group Assemblies.	

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000489-001

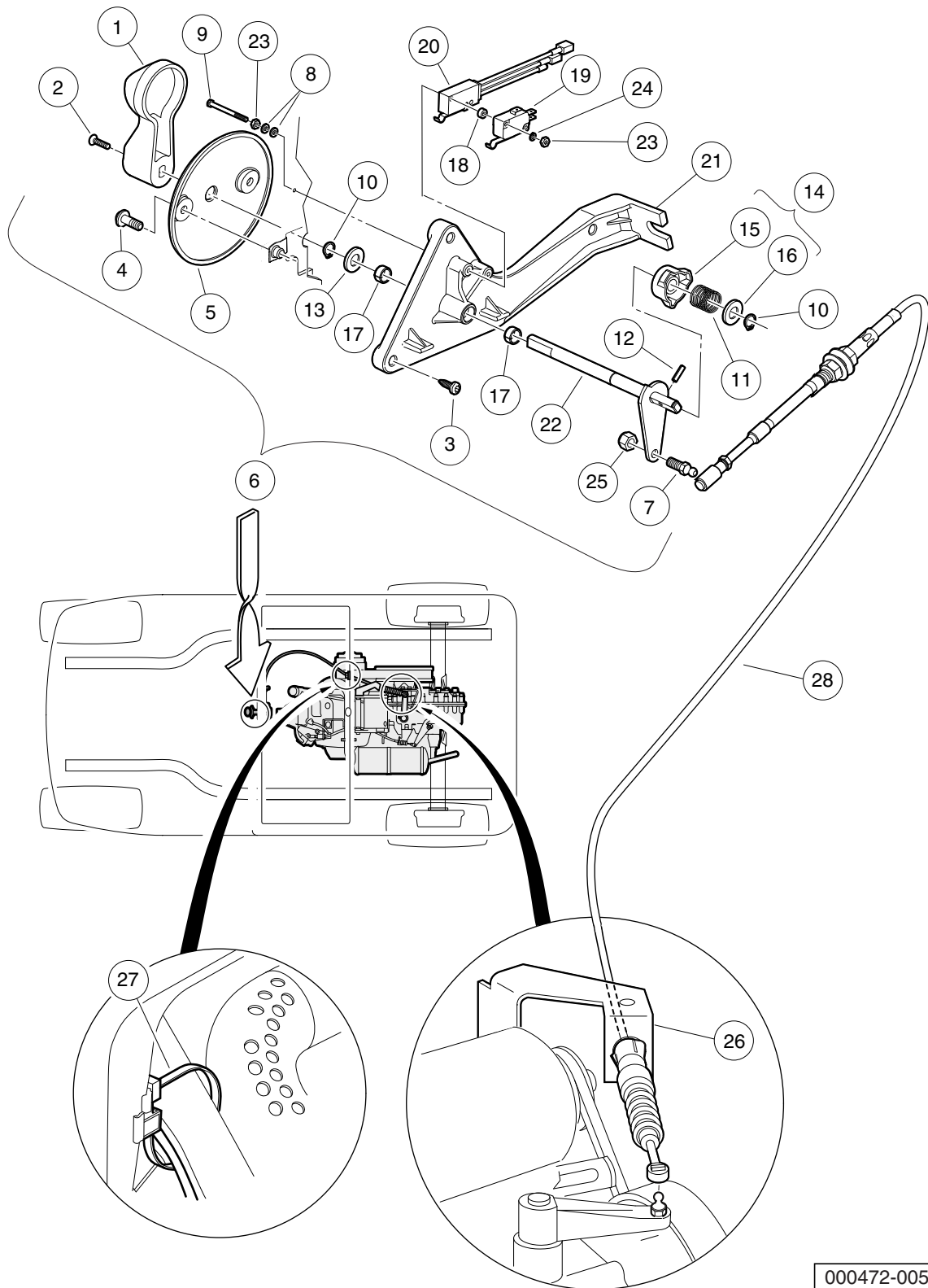
See previous two pages for illustration.

INSTRUMENT PANEL WIRE HARNESS

ITEM	PART NO.	DESCRIPTION	QTY
1	<u>102515001</u>	1 2 3 4 Ip Control Harness, Gas (includes item 2)	1
2	N/A	Connector, Plug 9-pin	1

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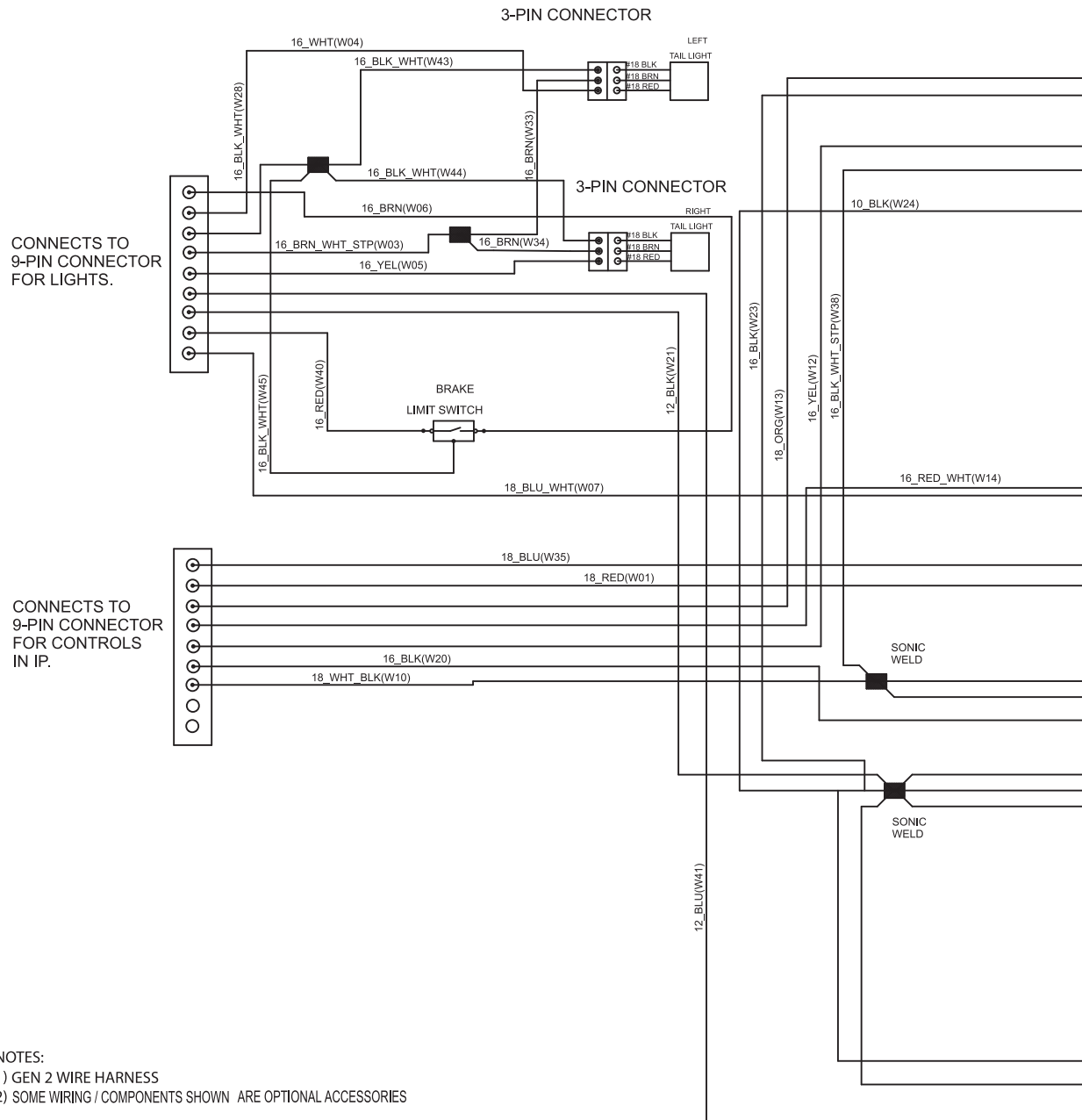
000472-005

FORWARD/REVERSE SHIFTER ASSEMBLY – GASOLINE VEHICLE

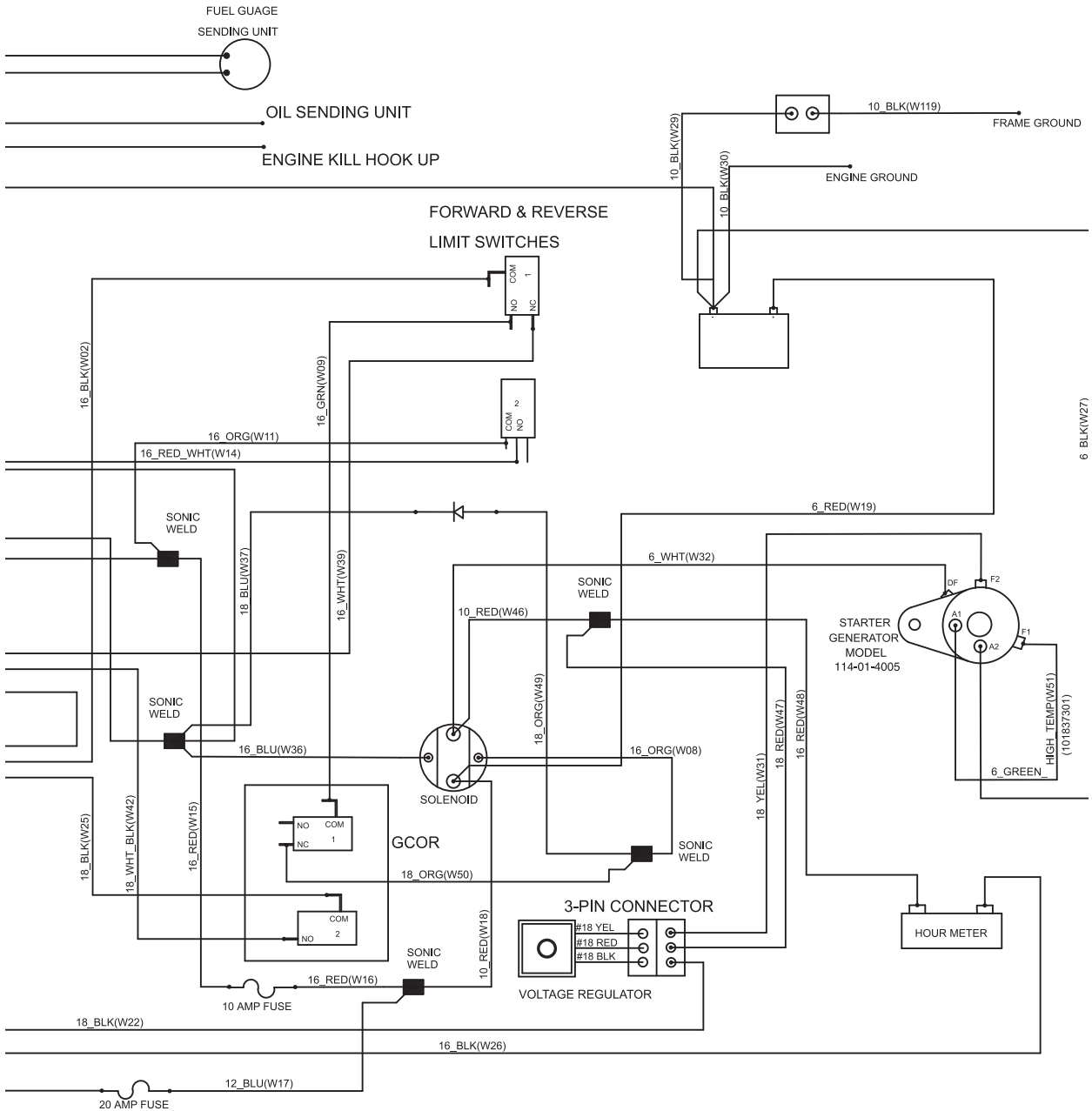
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1012987</u>	Handle, FNR	1
2	<u>1015064</u>	Screw, #8-32 X 0.63 Machine	1
3	<u>102296040</u>	Screw, Torx Pan Hd Pt, M6 X 40	3
4	<u>102296920</u>	Screw, M6, Torx Button Head, Sems	2
5	<u>102512001</u>	Bezel, FNR, Gas	1
6	<u>102514602</u>	Assembly Gas Fnr Shifter Svc (includes items 7 through 25)	1
7	<u>1010954</u>	Stud, Ball, 1/4-28 X 0.560	1
8	<u>1012431</u>	Washer, #4 Flat	4
9	<u>1012594</u>	Screw, #4-40 Machine	2
10	<u>1013589</u>	Ring, Retaining, 0.338" Internal	2
11	<u>1013590</u>	Spring, FNR Cam	1
12	<u>1013591</u>	Pin, Roll, 1/8 X 1/2	1
13	<u>1014065</u>	Washer, Flat, 0.38" ID, Delrin	1
14	<u>1014089</u>	Neutral Lockout Cam Kit (includes items 15 and 16)	1
15	N/A	Cam, Neutral Lockout	1
16	<u>1014065</u>	Washer, Flat, 0.38" ID, Delrin	1
17	<u>1014145</u>	Bushing, Secondary Weight, Split	2
18	<u>1014727</u>	Washer, Flat, #4, Nylon	2
19	<u>1014807</u>	Switch, Limit	1
20	<u>101979101</u>	Switch, Limit, Assembly, Sealed	1
21	<u>102515601</u>	Base, Gas FNR Shifter	1
22	<u>103943201</u>	Weldment, F-n-r Gas	1
23	<u>8057</u>	Nut, #4-40 Hex Machine	4
24	<u>8058</u>	Lockwasher, #4 Split	2
25	<u>8717</u>	Locknut, Nylon Insert, 1/4-28	1
26	<u>102515501</u>	Bracket-trans Cable Support	1
27	<u>102554901</u>	Clip, Edge, with Wire Tie	1
28	<u>103379601</u>	Cable, Transmission, Prec	1

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000481-003

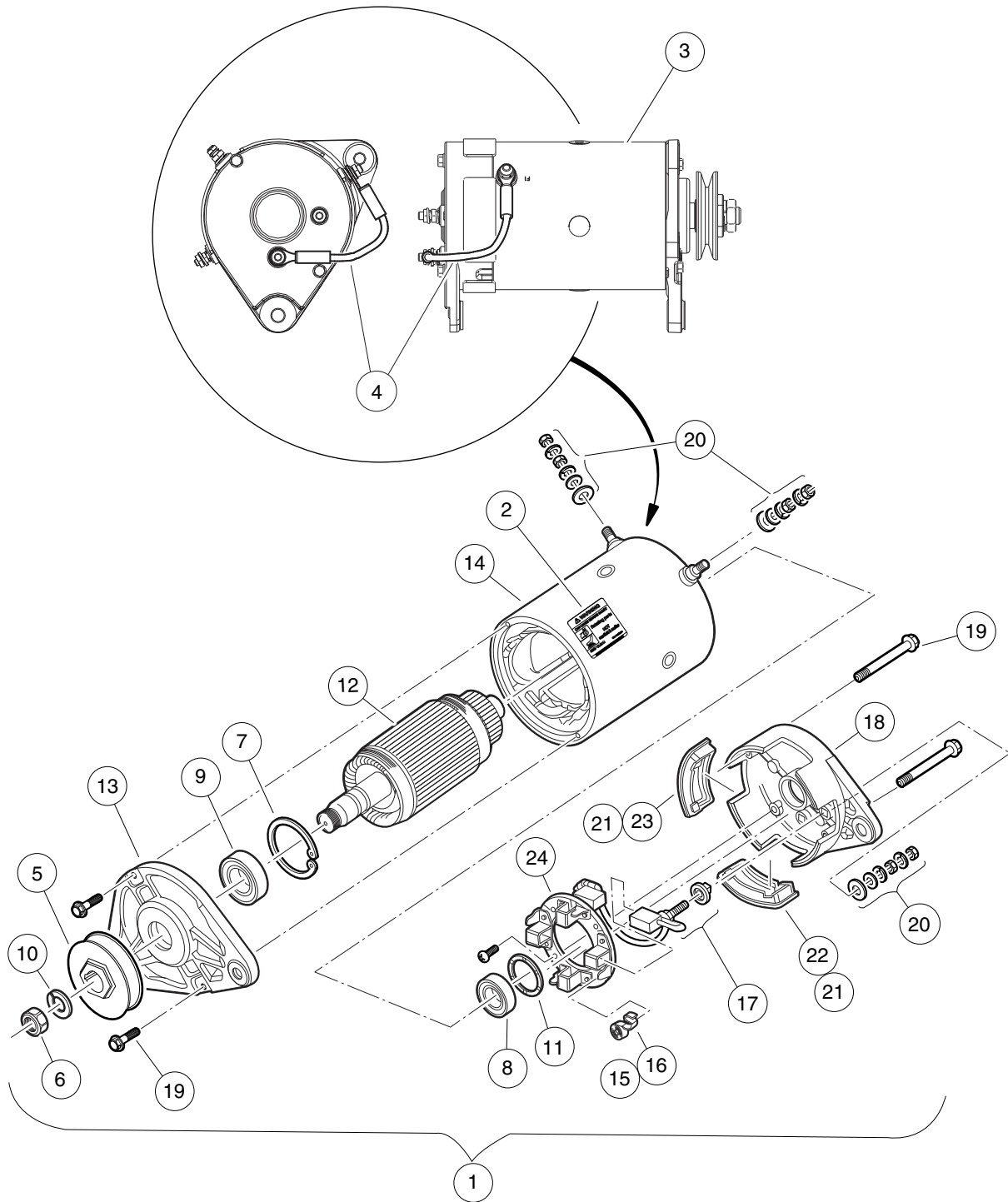


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See previous two pages for illustration.

WIRING (WITH GENERATION 2 PEDAL GROUP) – GASOLINE VEHICLE

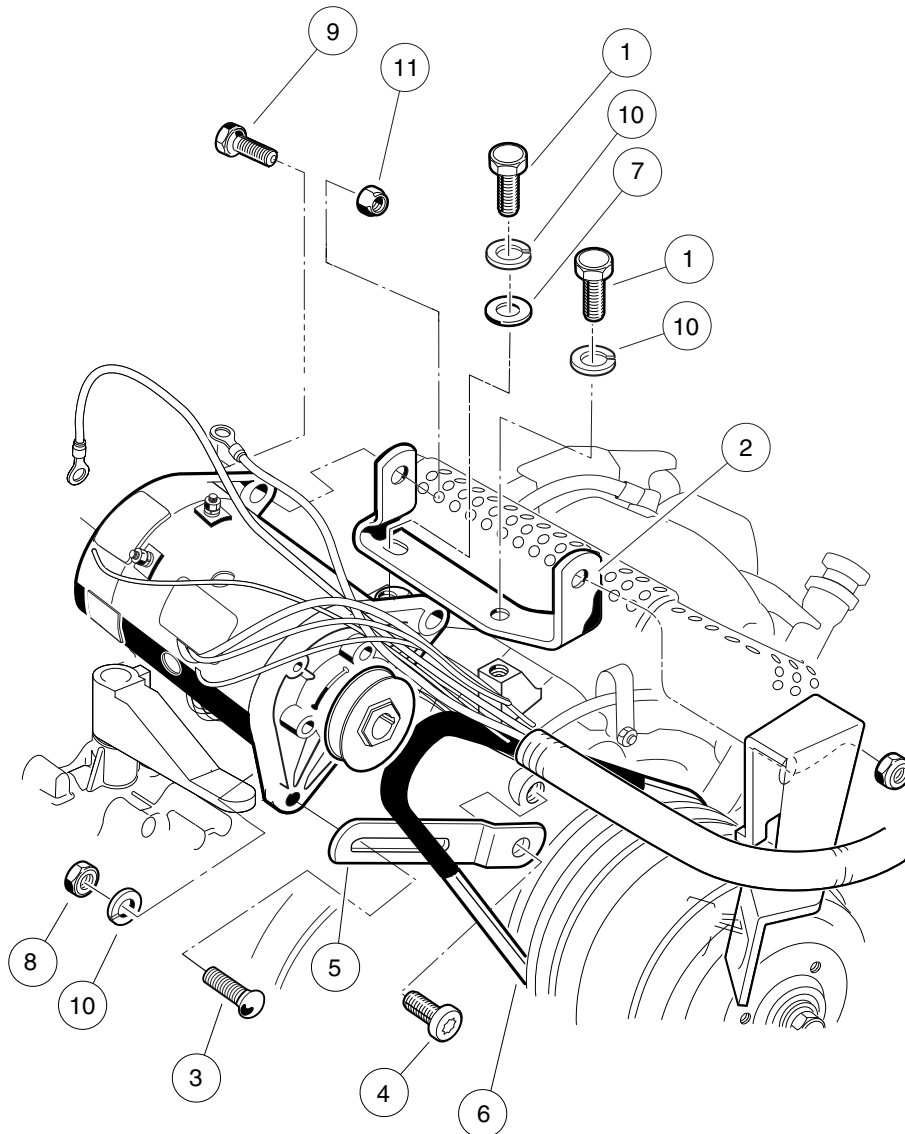
ITEM	PART NO.	DESCRIPTION	QTY	6
1	<u>103536501</u>	1 2 3 4 Harness, Prec Gas, Main (For Generation 2 Pedal Group) (includes item 2)	1	G
2	N/A	Conn, 6 Pos, Packard 12162210	1	



000124-005

STARTER/GENERATOR (S/G) ASSEMBLY – GASOLINE VEHICLES

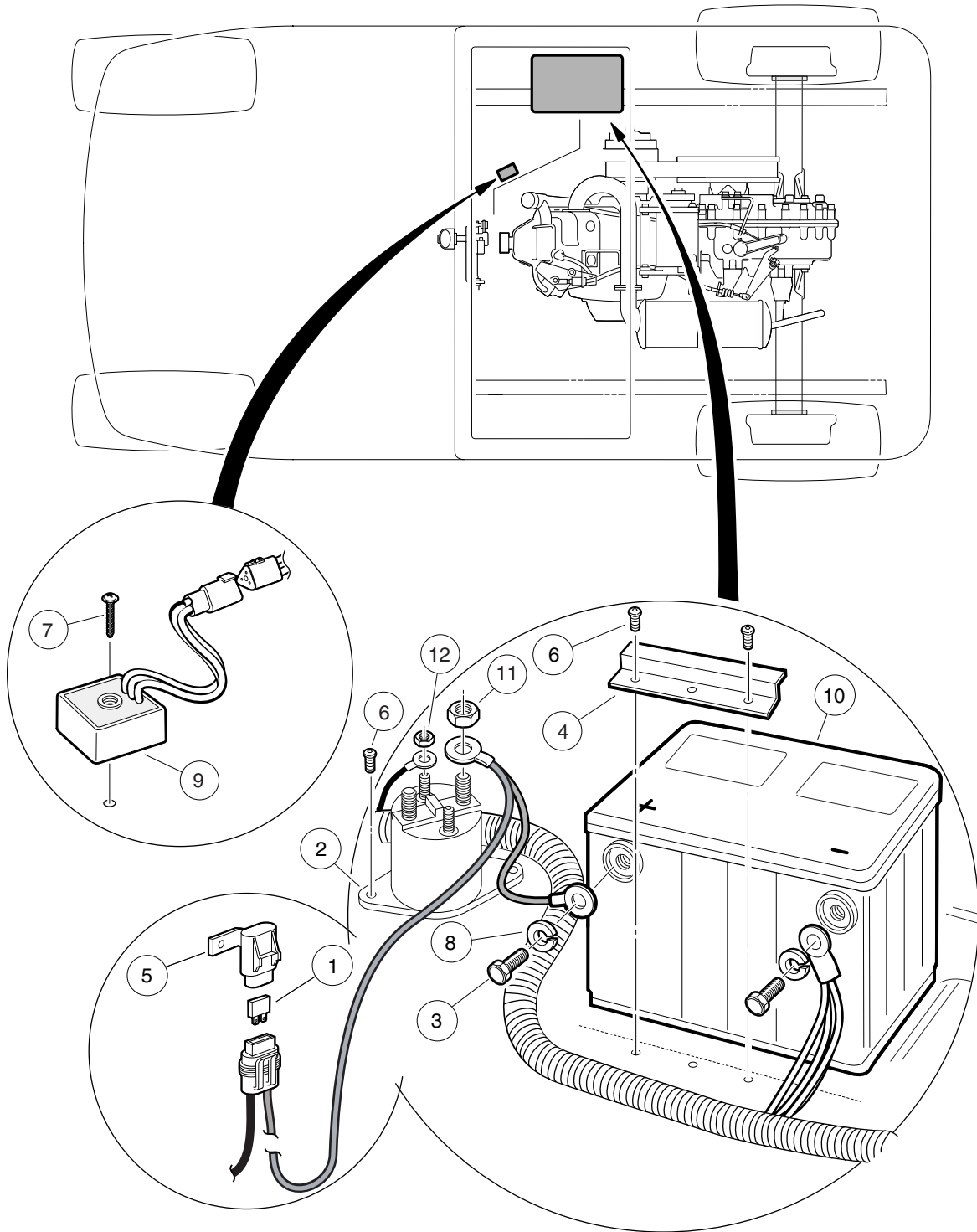
ITEM	PART NO.	DESCRIPTION	QTY	6	G
		1 2 3 4			
1	<u>103678502</u>	Asm, St/gen, Bi-rot, Ks, Svc (includes items 2 and 3)	1		
2	<u>101960501</u>	Decal, Rotating Parts/Hot Manifold	1		
3	N/A	St/gen, Bi-rot, Util, Ks (includes items 4 through 24)	1		
4	<u>101837301</u>	Wire Assy, #6 Green	1		
5	<u>102711001</u>	Pulley, V-Belt	1		
6	<u>102838701</u>	Nut, Hex, M14x2, S/G	1		
7	<u>102838801</u>	Retainer, Front, S/G	1		
8	<u>102838901</u>	Bearing, Ball, Front, S-g	1		
9	<u>102839001</u>	Bearing, Ball, Front, S-g	1		
10	<u>102839301</u>	Washer, Lock M14x2, S-g	1		
11	<u>102841101</u>	Washer, Wave, S-g	1		
12	N/A	Asm, Armature, Starter/Generator	1		
13	<u>102844601</u>	Head, Drive End, S-g	1		
14	<u>102844701</u>	Asm, Frame and Field, Starter/Generator	1		
15	<u>103347101</u>	Kit, Spring Brush, Starter/Generator (includes item 16)	1		
16	N/A	Spring, Brush, S-g	4		
17	<u>103347301</u>	Set, Brush Term, S-g	1		
18	<u>103347601</u>	Head, Comm End, S-g	1		
19	<u>103347701</u>	Set, Fastener, Ceh Deh, S-g	1		
20	<u>103347801</u>	Set, Term Hardware, S/G	1		
21	<u>103347901</u>	Kit, Cover, Brush Insp, Starter/Generator (includes items 22 and 23)	1		
22	N/A	Plug, Rubber Drain, Start/Generator	3		
23	N/A	Cover, Inspection, S-g	1		
24	<u>103953301</u>	Kit, Brush And Brush Holder	1		



000238-005

STARTER/GENERATOR MOUNTING – FE350 (AS11, AS26)

ITEM	PART NO.	DESCRIPTION	QTY	6
		1 2 3 4		G
1	<u>1012830</u>	Screw, M8-125 X 22 Hex-Head	2	
2	<u>101524002</u>	Bracket, Starter/Generator Mounting	1	
3	<u>1015932</u>	Bolt, Carriage, 5/16-18	1	
4	<u>1016074</u>	Screw, M8-1.25 X 18mm Torx	1	
5	<u>1016883</u>	Bracket, Starter/Generator Adjustment	1	
6	<u>101916701</u>	V-Belt	1	
7	<u>1241</u>	Washer, 5/16 Type A Flat	1	
8	<u>1242</u>	Nut, 5/16-18 Hex	1	
9	<u>1624</u>	Screw, 3/8-16 X 1.50, Hex-Head Cap	2	
10	<u>7174</u>	Lockwasher, 5/16 Split	3	
11	<u>8754</u>	Locknut, 3/8-16 Hex	2	



000479-003

BATTERY – GASOLINE VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY	6
		1 2 3 4		G
1	<u>1012295</u>	Fuse, 10-Amp	1	
2	<u>1013609</u>	Solenoid, 12-Volt	1	
3	<u>1014375</u>	Screw, 3/8-16 X 0.50, Stainless Steel, Hex-Head	2	
4	<u>101898001</u>	Clamp, Battery	1	
5	N/A	Cover, Fuse, Sealed, Metri	1	
6	<u>102296020</u>	Screw, Torx Pan Hd Pt, M6 X 20	4	
7	<u>102296040</u>	Screw, Torx Pan Hd Pt, M6 X 40	1	
8	<u>102355301</u>	Lockwasher, 3/8 Split Ss	2	
9	<u>102803301</u>	Asm, Voltage Regulator, Prec.	1	
10	<u>103496801</u>	Battery, Start, 12v	1	
11	<u>1242</u>	Nut, 5/16-18 Hex	2	
12	<u>7893</u>	Nut, #10-32 Hex	2	

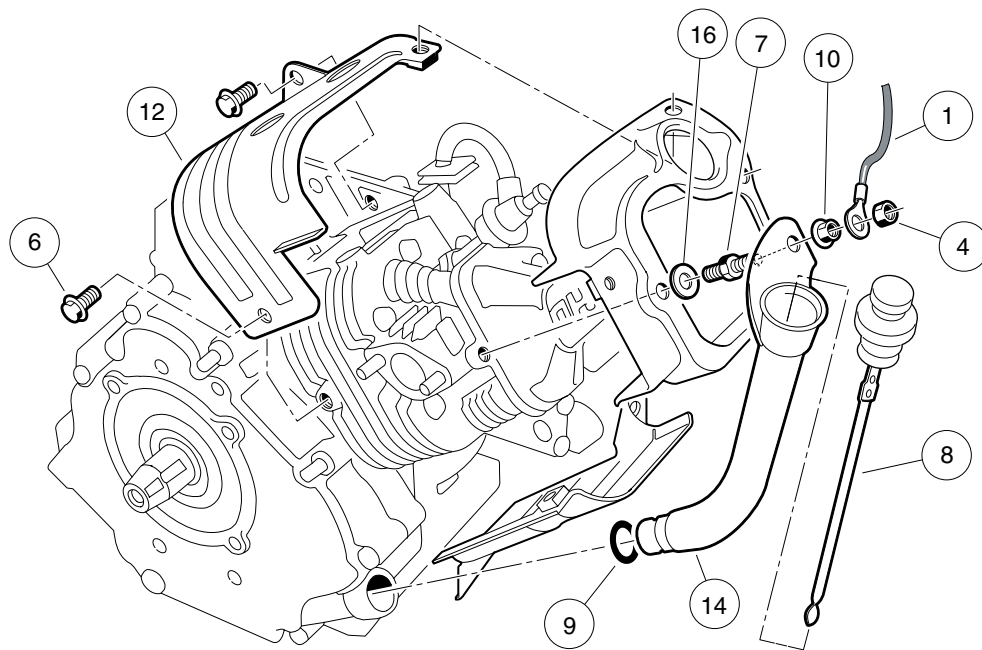
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FE350 ENGINE (AS26)

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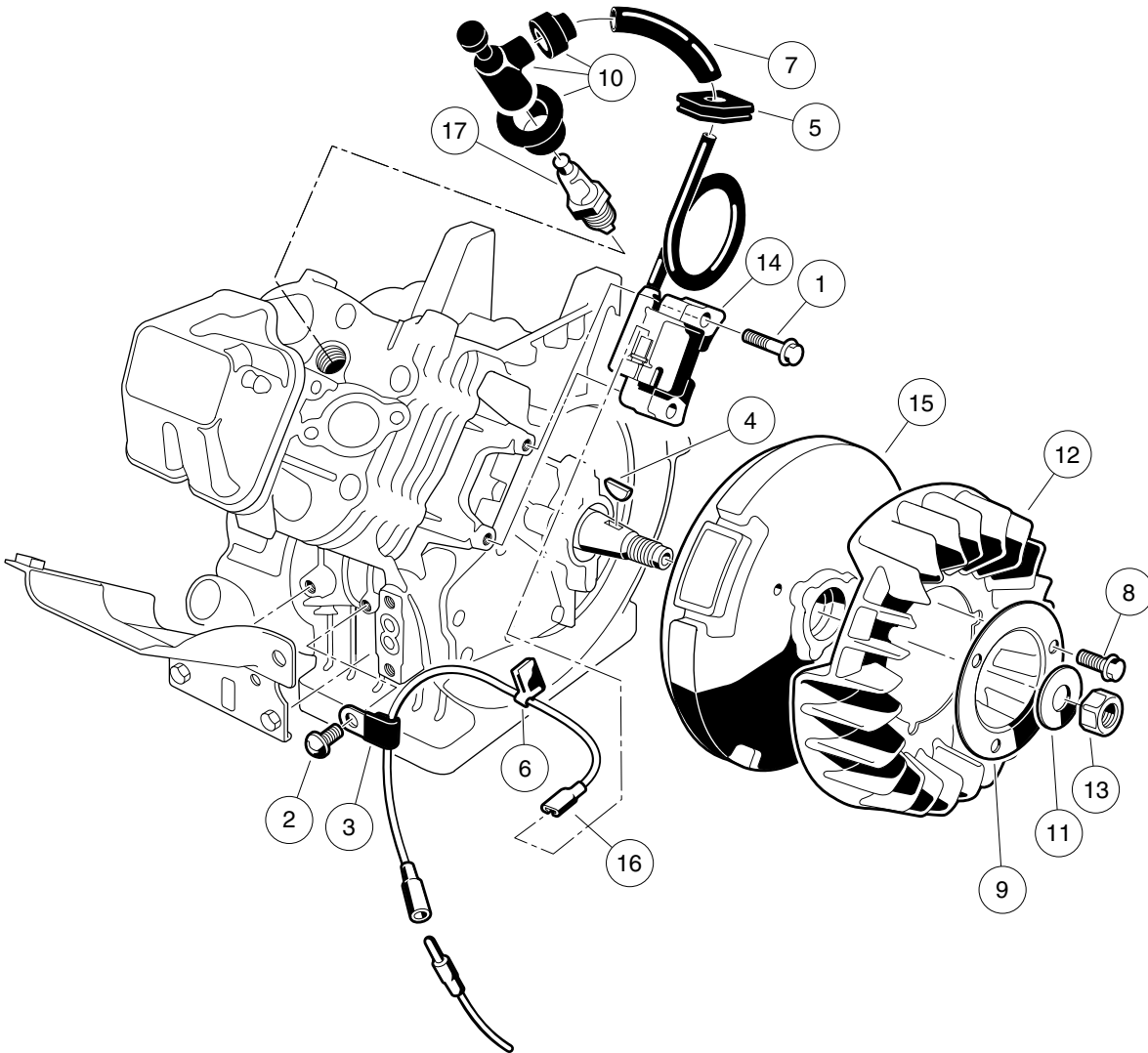
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2013 Precedent Illustrated Parts List

FE350 ENGINE (AS26) – SHROUDS AND BRACKETS

ITEM	PART NO.	DESCRIPTION	QTY	7
		1 2 3 4		G
1	<u>1015332</u>	Wire, Ground, #10, Uninsulated	1	
2	<u>1015649</u>	Shroud, Fan	1	
3	<u>1015969</u>	Screw, M6-1.00 X 10mm, Pan Hd	4	
4	<u>101887601</u>	Locknut, M6-1.00 Nylon Insert	1	
5	<u>103386201</u>	Engine, FE350 S26 (includes items 6 through 16)	1	
6	1016456	Bolt, Flange Head, M6 x 1 x 12 mm	16	
7	<u>1016507</u>	Bolt, Two-Ended	1	
8	1016531	Dipstick	1	
9	<u>1016539</u>	O-Ring	1	
10	1016547	Nut, M6 Flange	1	
11	<u>1017474</u>	Shroud, Engine	1	
12	<u>1017475</u>	Shroud, Engine	1	
13	<u>1017476</u>	Shroud, Engine	1	
14	<u>1017486</u>	Tube, Oil Filler	1	
15	<u>101916101</u>	Housing, FE350 Fan	1	
16	N/A	Washer, 6mm Flat	2	



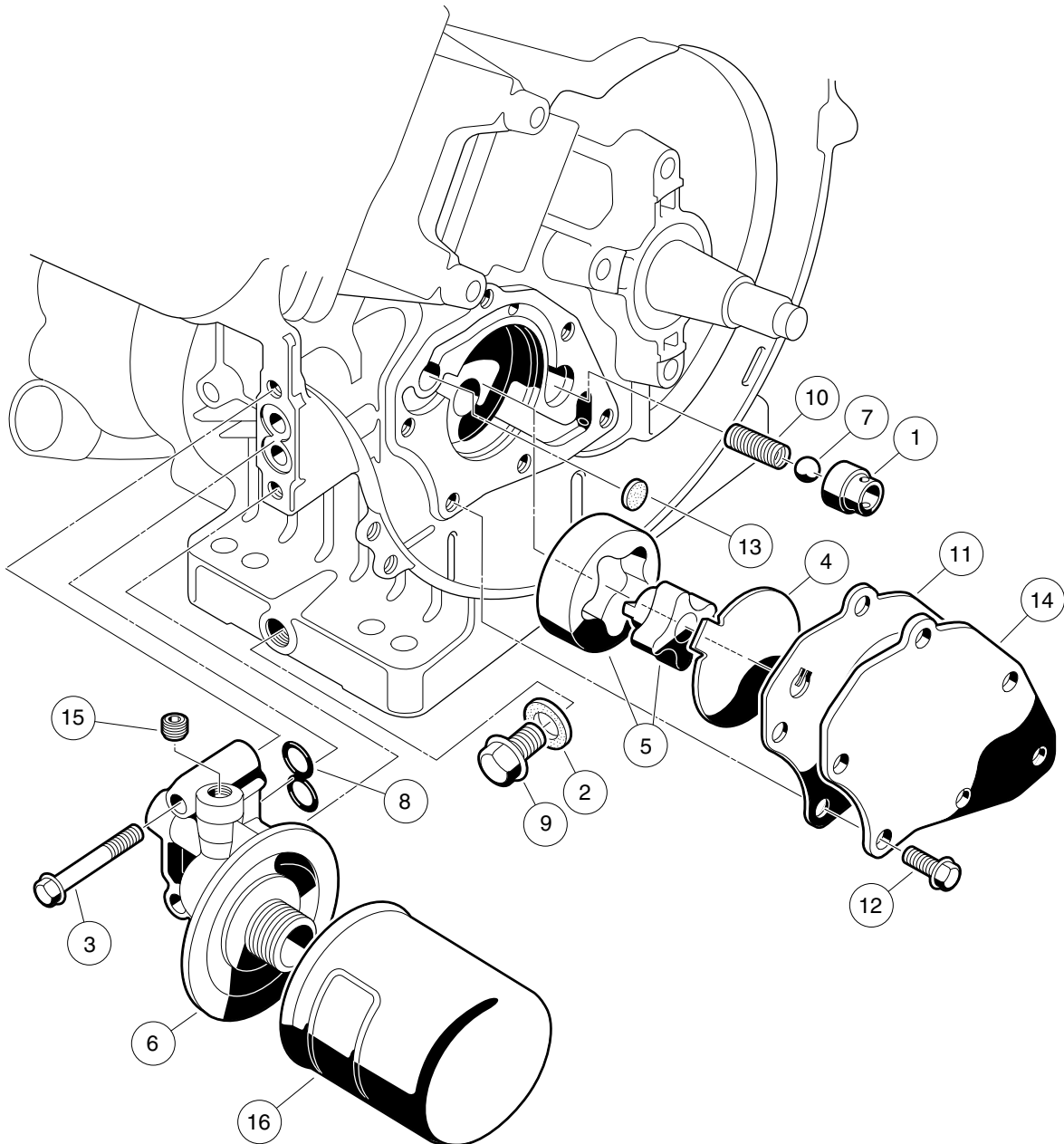
000202-004

FE350 ENGINE (AS26)- IGNITION COMPONENTS AND FLYWHEEL

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1016455</u>	Bolt, Flange Head	2
2	<u>1016544</u>	Screw	1
3	<u>1016561</u>	Clamp	1
4	<u>1016562</u>	Key	1
5	<u>1016578</u>	Grommet, Ignition	1
6	<u>1016587</u>	Clamp	1
7	<u>1016588</u>	Tube, 7mm X 10mm X 70mm	1
8	<u>1017448</u>	Bolt, Flanged	3
9	<u>1017455</u>	Plate, Flywheel Fan	1
10	<u>1017463</u>	Cap Asm, Plug	1
11	<u>1017490</u>	Washer, Flat	1
12	<u>101916301</u>	Fan (cw)	1
13	<u>102838401</u>	Nut, Hex, 18 mm Fine	1
14	<u>103616501</u>	Coil Asm, Ignition	1
15	<u>103616601</u>	Flywheel, Complete	1
16	<u>103616701</u>	Wire Lead, Ignition	1
17	<u>AM1232301</u>	Spark Plug, BPR2ES	1

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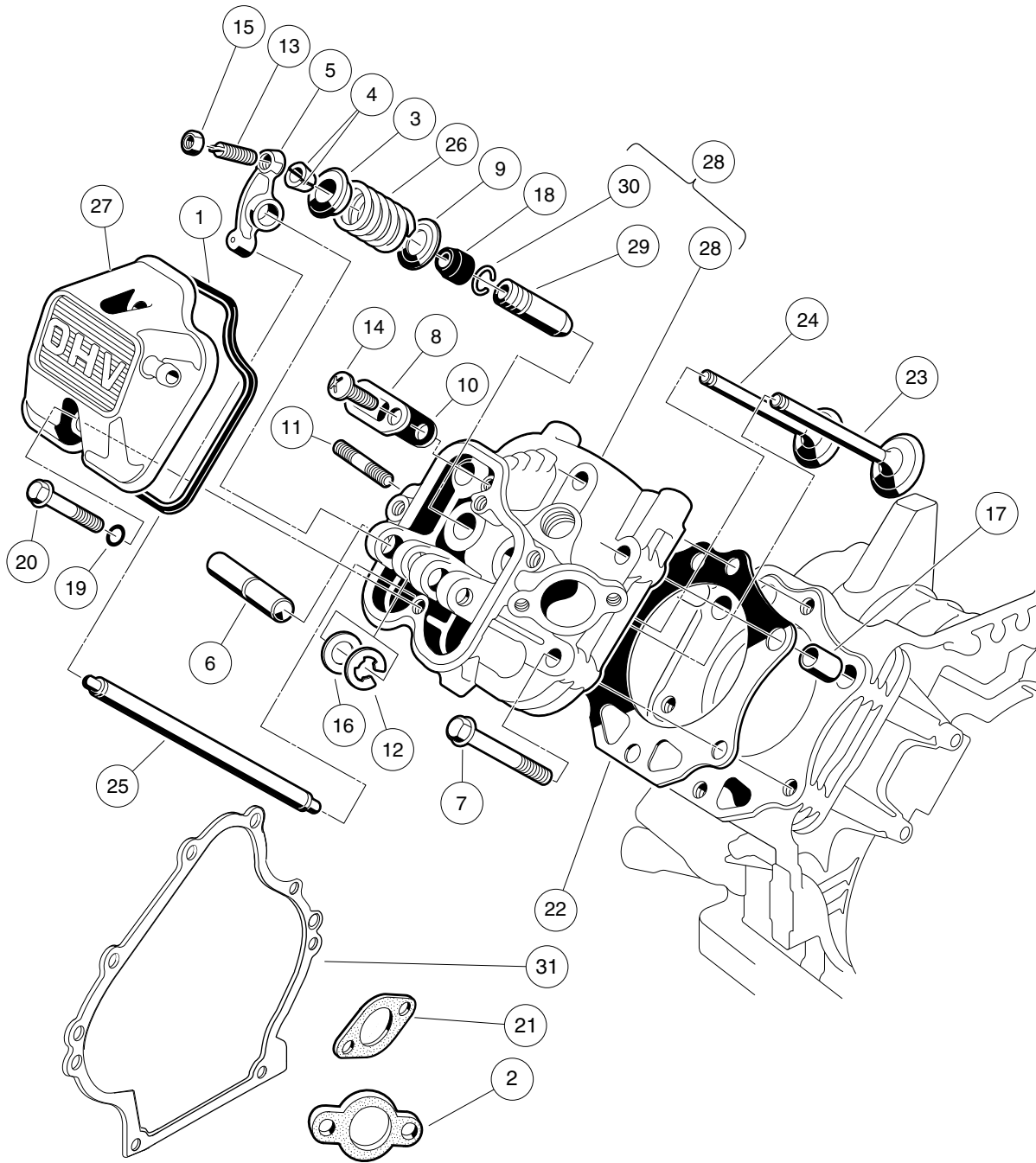
000203-002

FE350 ENGINE (AS26)- OIL CIRCULATION

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1016429	Seat, Valve Oil Pressure Relief	1
2	<u>1016432</u>	Gasket, Drain Plug	1
3	<u>1016457</u>	Bolt, Flange Head	2
4	<u>1016473</u>	Plate, Oil Pump	1
5	<u>101648203</u>	Oil Pump And Rotor	1
6	<u>1016502</u>	Bracket, Oil Filter Mount	1
7	<u>1016537</u>	Ball, Steel, Press, Relief	1
8	<u>1016570</u>	O-Ring	1
9	1016576	Plug, Drain	1
10	<u>1016581</u>	Spring	1
11	<u>1017442</u>	Gasket	1
12	<u>1017456</u>	Bolt, Flanged	6
13	<u>1017458</u>	Filter	1
14	<u>1017460</u>	Cover, Pump	1
15	<u>1017507</u>	Plug	2
16	<u>103887901</u>	Filter, Oil, Kawasaki	1

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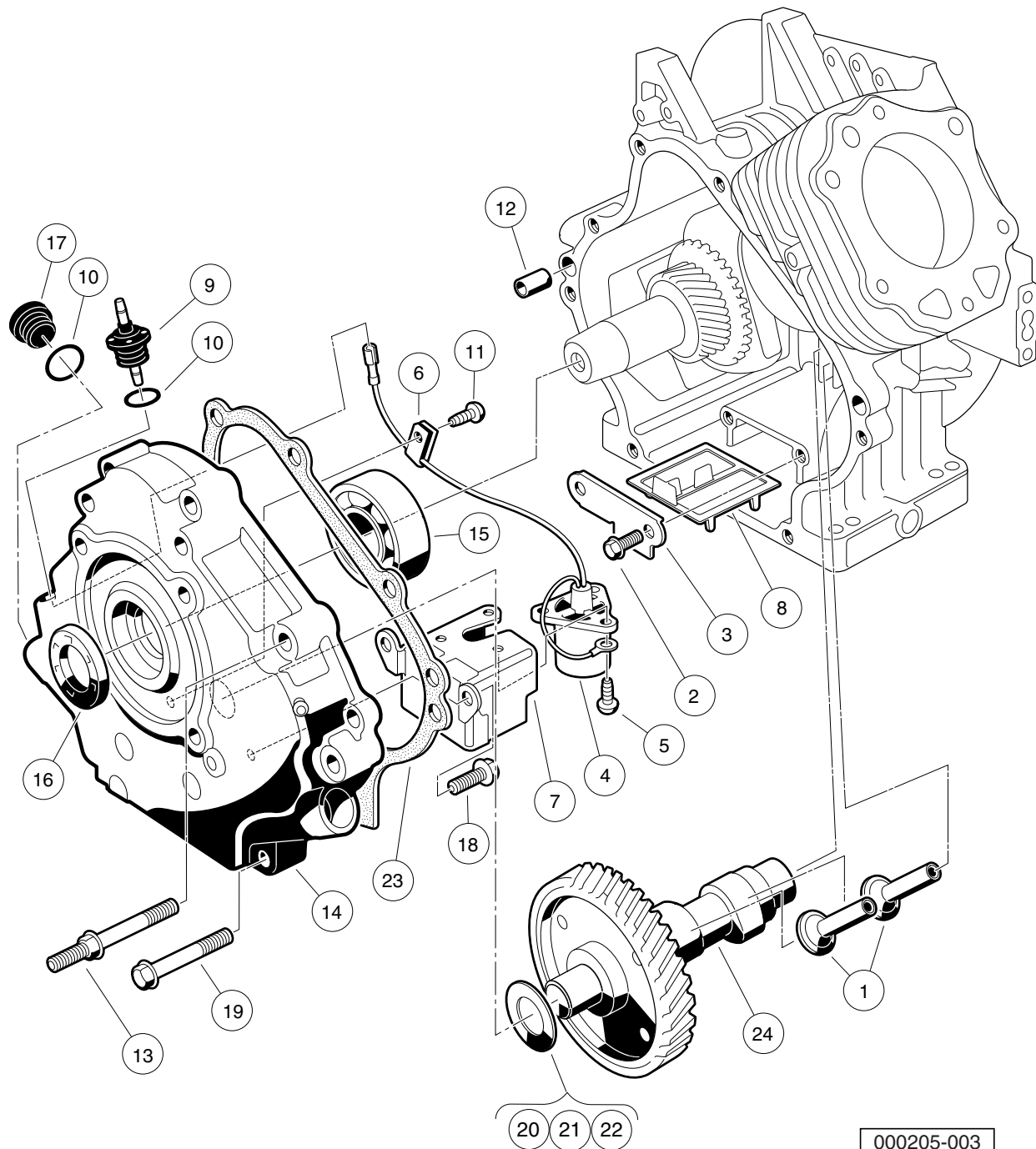


000204-006

FE350 ENGINE (AS26)- CYLINDER HEAD

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1016436</u>	Gasket, Rocker Case	1
2	<u>1016440</u>	Gasket, Engine to Insulator	1
3	<u>1016449</u>	Retainer, Valve Spring	2
4	<u>1016450</u>	Collet	4
5	<u>1016451</u>	Arm, Rocker	2
6	<u>1016452</u>	Shaft, Rocker	1
7	<u>1016458</u>	Bolt, Flange Head, M8 x 1.25 x 45 mm	6
8	<u>1016474</u>	Plate	1
9	<u>1016479</u>	Seat, Spring	2
10	<u>1016483</u>	Valve	1
11	<u>1016489</u>	Stud, Two-Ended, M8-1.25	2
12	<u>1016517</u>	Circlip, Type-E	1
13	<u>1016542</u>	Screw	2
14	<u>1016544</u>	Screw	1
15	<u>1016545</u>	Nut	2
16	<u>1016549</u>	Washer, 12.1x19x1.8	1
17	<u>1016563</u>	Pin	2
18	<u>1016566</u>	Seal, Oil	2
19	<u>1016569</u>	O-Ring	2
20	<u>1016583</u>	Bolt, 6x35	2
21	<u>1016904</u>	Gasket, Exhaust	1
22	<u>1017434</u>	Gasket, Head	1
23	<u>1017444</u>	Valve, Intake	1
24	<u>1017445</u>	Valve, Exhaust	1
25	<u>1017454</u>	Rod, Push	2
26	<u>1017473</u>	Spring, Engine Valve	2
27	<u>102753401</u>	Case, Rocker, Fe	1
28	<u>103615601</u>	Cylinder Head (includes items 29 and 30)	1
29	<u>1016519</u>	Guide, Valve, Intake, Exhaust	2
30	<u>1016560</u>	Snap Ring	2
31	<u>103615901</u>	Gasket, Crankcase Cover	1
Note: Item 2, <u>1016440</u> shown above, is not a component of the FE350 engine.			

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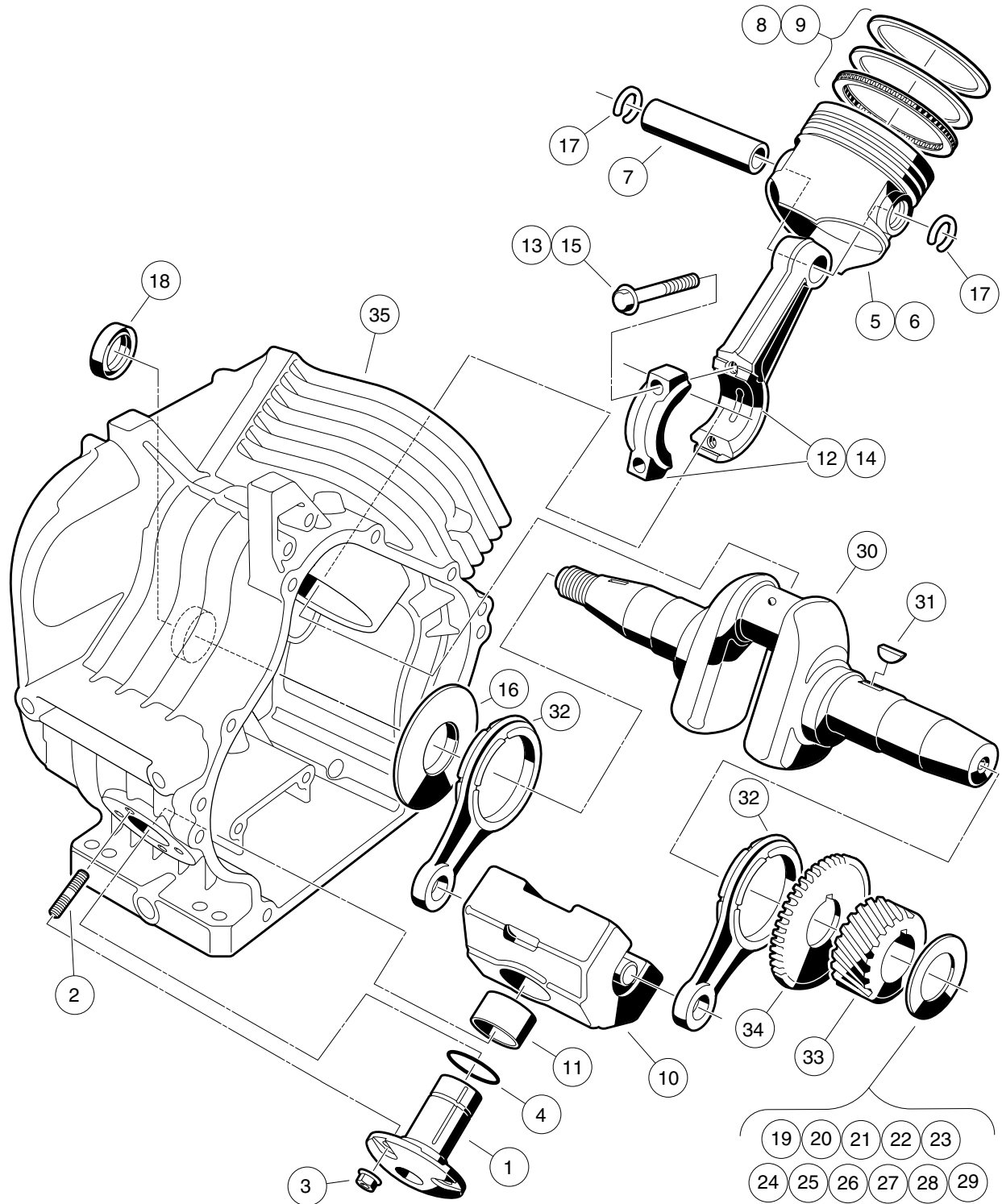


000205-003

FE350 ENGINE (AS26)- CRANKCASE, CAMSHAFT, AND OIL SENSOR

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1016453	Tappet	2
2	<u>1016454</u>	Bolt, Flange Head, M5 x 0.8 x 8 mm	2
3	<u>1016472</u>	Plate, Oil Filter Screen	1
4	1016494	Sensor, Oil Level	1
5	<u>1016496</u>	Screw, Cross Pan-Head, M4 x 0.7 x 8 mm	3
6	<u>1016506</u>	Clamp	1
7	<u>1016510</u>	Bracket, Switch, Oil Level	1
8	<u>1016521</u>	Screen, Oil Filter	1
9	<u>1016535</u>	Connector, Cord	1
10	<u>1016538</u>	O-Ring	2
11	<u>1016544</u>	Screw	1
12	<u>1016564</u>	Pin	2
13	<u>1016584</u>	Bolt, Two-Ended, M8 x 1.25 x 69 mm	2
14	<u>1017472</u>	Cover Crankcase	1
15	<u>1017487</u>	Bearing, Ball	1
16	<u>1017504</u>	Seal, Oil	1
17	1017508	Plug	1
18	<u>1017513</u>	Bolt Switch Bracket	2
19	<u>1017514</u>	Screw, M8-1.25 X 45mm Hex	6
20	<u>101751801</u>	Shim, 0.3	1
21	<u>101751802</u>	Shim, 0.4	1
22	<u>101751803</u>	Shim, 0.5	1
23	<u>103615901</u>	Gasket, Crankcase Cover	1
24	<u>103616401</u>	Camshaft, Complete	1

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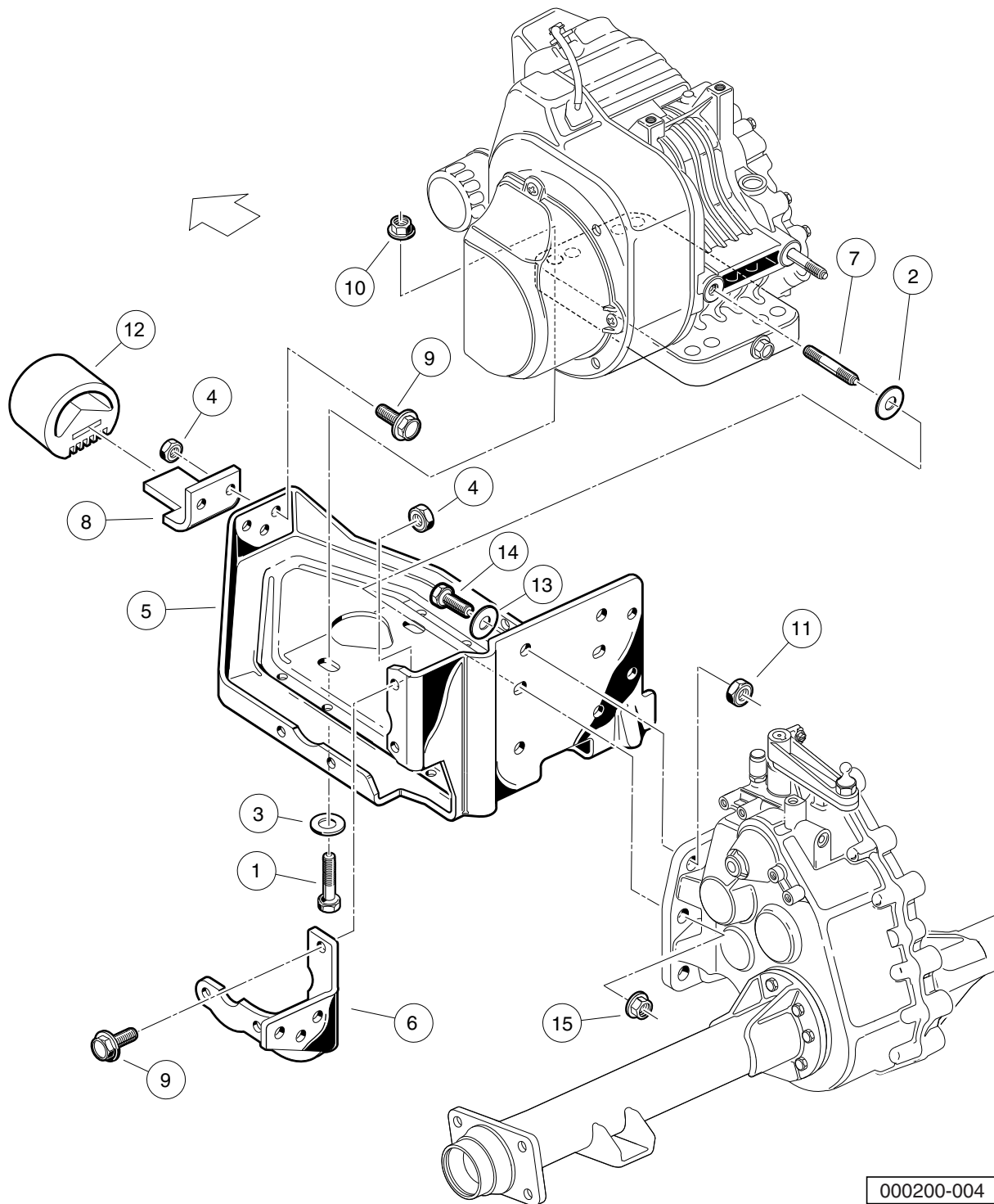
000206-003

FE350 ENGINE (AS26)- CRANKCASE AND CRANKSHAFT

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1016470	Shaft, Guide, Counterbalance	1
2	<u>1016541</u>	Stud, 6x14	4
3	1016547	Nut, Flanged, M6 X 1.00	4
4	<u>1016571</u>	O-Ring	1
5	<u>101744901</u>	Piston, Standard	1
6	<u>101744902</u>	Piston, 0.50 mm Oversize	1
7	1017450	Pin, Piston	1
8	<u>101745101</u>	Ring Set, Standard Piston	1
9	<u>101745102</u>	Ring Set, Piston, 0.50 mm Oversize	1
10	<u>1017453</u>	Counterbalance Weight (includes item 11)	1
11	1017510	Bearing, Plain	1
12	101745701	Asm, Con. Rod Std (includes item 13)	1
13	<u>1017512</u>	Bolt	2
14	<u>101745702</u>	Asm,Con.Rod 0.5mm U/s (includes item 15)	1
15	<u>1017512</u>	Bolt	2
16	1017501	Spacer	1
17	<u>1017502</u>	Snap Ring	2
18	<u>1017503</u>	Seal, Oil	1
19	<u>101773301</u>	Shim, Crankshaft, 1.18mm	1
20	<u>101773302</u>	Shim, Crankshaft, 1.25mm	1
21	<u>101773303</u>	Shim, Crankshaft, 1.32mm	1
22	<u>101773304</u>	Shim, Crankshaft, 1.39mm	1
23	<u>101773305</u>	Shim, Crankshaft, 1.46mm	1
24	<u>101773306</u>	Shim, Crankshaft, 1.53mm	1
25	<u>101773307</u>	Shim, Crankshaft, 1.60mm	1
26	<u>101773308</u>	Shim, Crankshaft, 1.67mm	1
27	<u>101773309</u>	Shim, Crankshaft, 1.74mm	1
28	<u>101773310</u>	Shim, Crankshaft, 1.11mm	1
29	<u>101773311</u>	Shim, Crankshaft, 1.81mm	1
30	<u>102430901</u>	Crankshaft, FE350 Left-Hand, 22-Tooth (includes items 31 through 34)	1
31	<u>1016562</u>	Key	1
32	<u>1017471</u>	Rod	2
33	N/A	Gear, Helical	1
34	N/A	Gear, Spur	1
35	<u>103615801</u>	Crankcase, FE350	1

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000200-004

FE350 ENGINE (AS26)- MOUNTING

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

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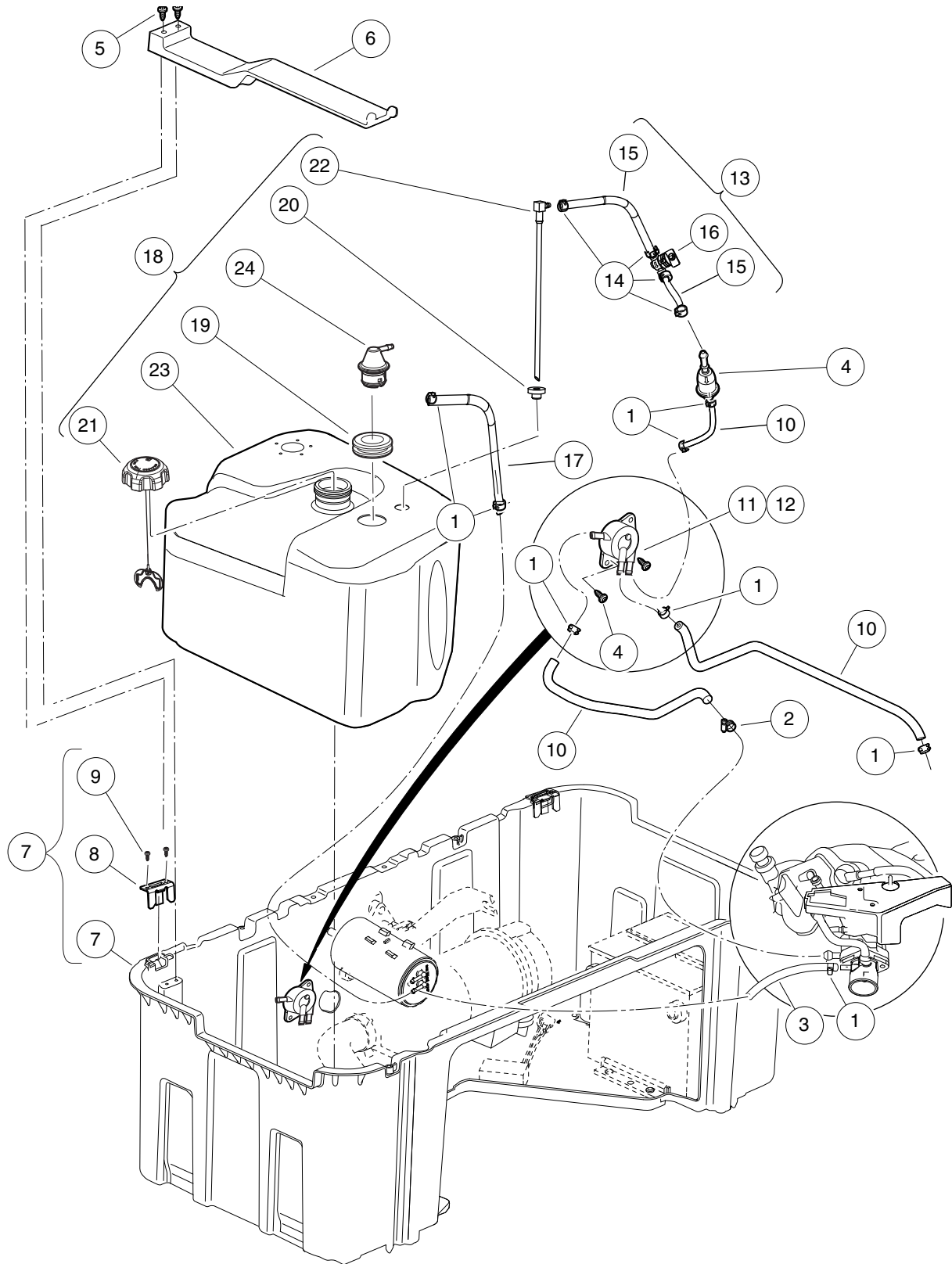
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FUEL, INTAKE, AND GOVERNOR SYSTEMS

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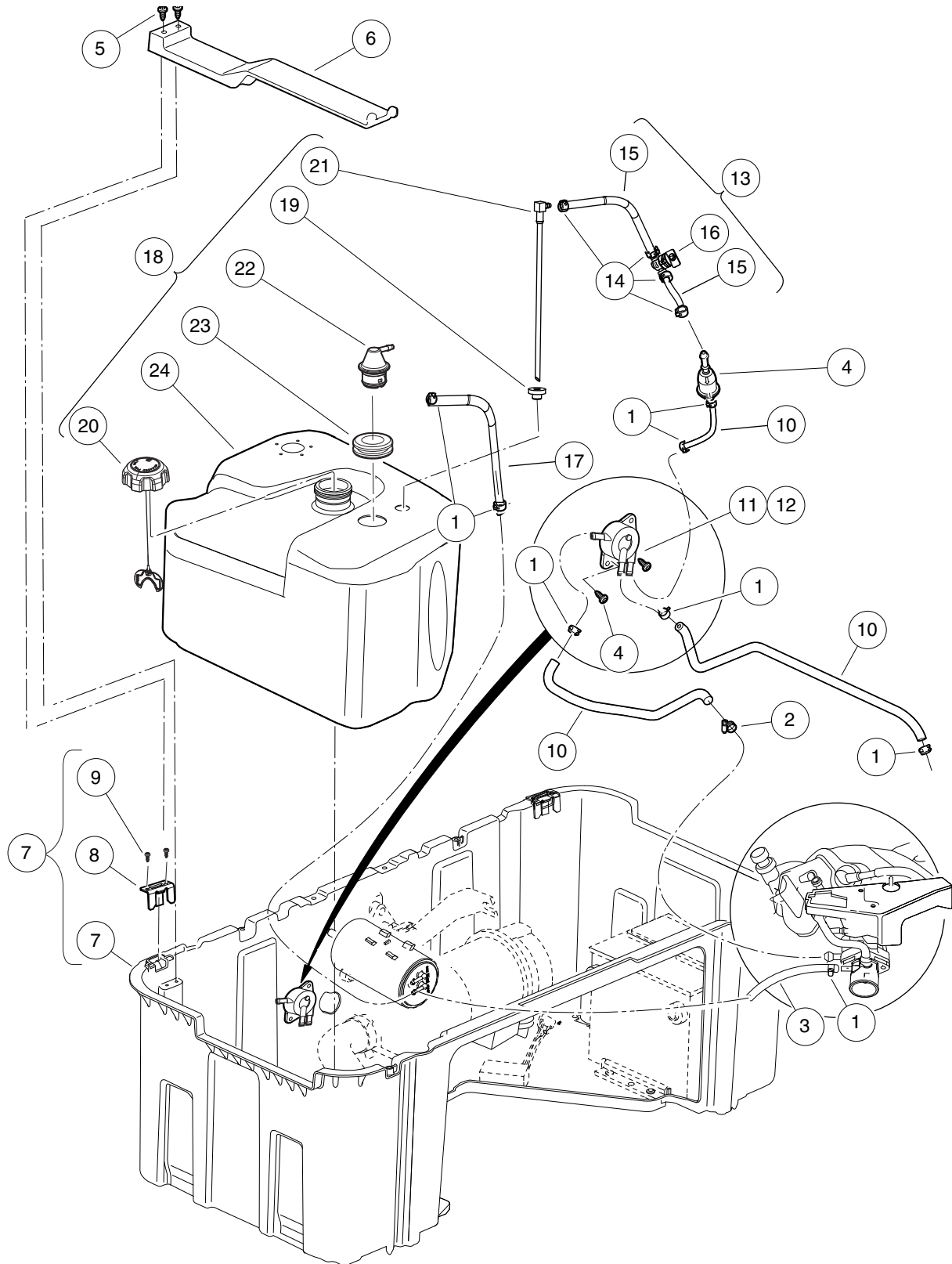
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000449-008

FUEL SYSTEM – STYLE A

ITEM	PART NO.	DESCRIPTION	QTY	8	G
		1 2 3 4			
1	<u>1012649</u>	Clamp, 0.460 Red Hose	9		
2	<u>1013687</u>	Clamp, 3/8" Hose (screw type)	1		
3	<u>101587704</u>	Hose, Fuel, Vent, 3/16" ID, 17" Long	1		
4	<u>102003201</u>	Filter, Fuel, 30 Micron	1		
5	<u>102296020</u>	Screw, Torx Pan Hd Pt, M6 X 20	4		
6	<u>102514201</u>	Hold-down - Fuel Tank	1		
7	<u>102514701</u>	Bucket - Gas Vehicle (includes items 8 and 9)	1		
8	<u>103470701</u>	Bracket, Bucket Hinge	2		
9	N/A	Screw, #6 X .75, Cs Ss, Hi-lo	4		
10	<u>102865101</u>	Fuel Line, 1/4 (available by the foot)	1		
11	<u>103781101</u>	Kit, Fuel Pump Retrofit (includes item 12)	1		
12	<u>103010101</u>	Pump, Fuel, Impulse, Fh	1		
13	<u>103862401</u>	Asm, Fuel Line, Prec, Field (includes items 14 through 16)	1		
14	<u>1012649</u>	Clamp, 0.460 Red Hose	4		
15	<u>102865101</u>	Fuel Line, 1/4 (available by the foot)	1		
16	<u>103854501</u>	Valve, Fuel, In-line	1		
17	<u>103896601</u>	Hose, Vent, 1/4" ID, 9" Long	1		
18	<u>103957002</u>	Asm, Tank, Prec-nano, Wo/su (includes items 19 through 24)	1		
19	<u>1015139</u>	Insulation Grommet	1		
20	<u>102406701</u>	Bushing, Line, Return	1		
21	<u>103372101</u>	Cap, Fuel Tank, Gas, Ratchet	1		
22	<u>103854301</u>	Asm, Fitting, Fuel Pickup, Id 1/4"	1		
23	N/A	Tank, Fuel, Prec-nano	1		
24	<u>103905201</u>	Assembly, Vent, Fuel, 1/4 Inch O.D.	1		
		Note: Item 18, 103957002 as shown above, was used in vehicles with Serial Number 1303-341682 and lower.			

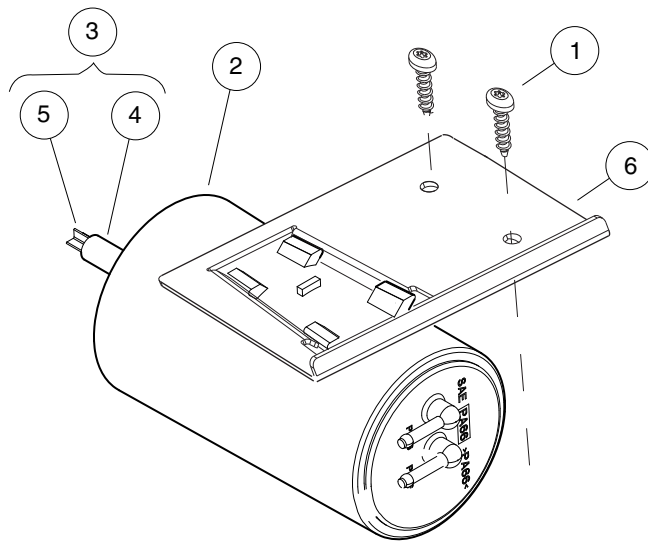


000449-009

FUEL SYSTEM - STYLE B

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1012649</u>	Clamp, 0.460 Red Hose	9
2	<u>1013687</u>	Clamp, 3/8" Hose (screw type)	1
3	<u>101587704</u>	Hose, Fuel, Vent, 3/16" ID, 17" Long	1
4	<u>102003201</u>	Filter, Fuel, 30 Micron	1
5	<u>102296020</u>	Screw, Torx Pan Hd Pt, M6 X 20	4
6	<u>102514201</u>	Hold-down - Fuel Tank	1
7	<u>102514701</u>	Bucket - Gas Vehicle (includes items 8 and 9)	1
8	<u>103470701</u>	Bracket, Bucket Hinge	2
9	N/A	Screw, #6 X .75, Cs Ss, Hi-lo	4
10	<u>102865101</u>	Fuel Line, 1/4 (available by the foot)	1
11	<u>103781101</u>	Kit, Fuel Pump Retrofit (includes item 12)	1
12	<u>103010101</u>	Pump, Fuel, Impulse, Fh	1
13	<u>103862401</u>	Asm, Fuel Line, Prec, Field (includes items 14 through 16)	1
14	<u>1012649</u>	Clamp, 0.460 Red Hose	4
15	<u>102865101</u>	Fuel Line, 1/4 (available by the foot)	1
16	<u>103854501</u>	Valve, Fuel, In-line	1
17	<u>103896601</u>	Hose, Vent, 1/4" ID, 9" Long	1
18	<u>103964002</u>	Asm, Tank Fuel, Pr Wo/su Nano (includes items 19 through 24)	1
19	<u>102406701</u>	Bushing, Line, Return	1
20	<u>103372101</u>	Cap, Fuel Tank, Gas, Ratchet	1
21	<u>103854301</u>	Asm, Fitting, Fuel Pickup, Id 1/4"	1
22	<u>103905201</u>	Assembly, Vent, Fuel, 1/4 Inch O.D.	1
23	<u>103944301</u>	Grommet, Fuel Tank, Vent	1
24	N/A	Tank, Fuel, Prec Nano	1
Note: Item 18, <u>103964002</u> as shown above, was used in vehicles with Serial Number 1303-341683 and greater and is backwards compatible.			

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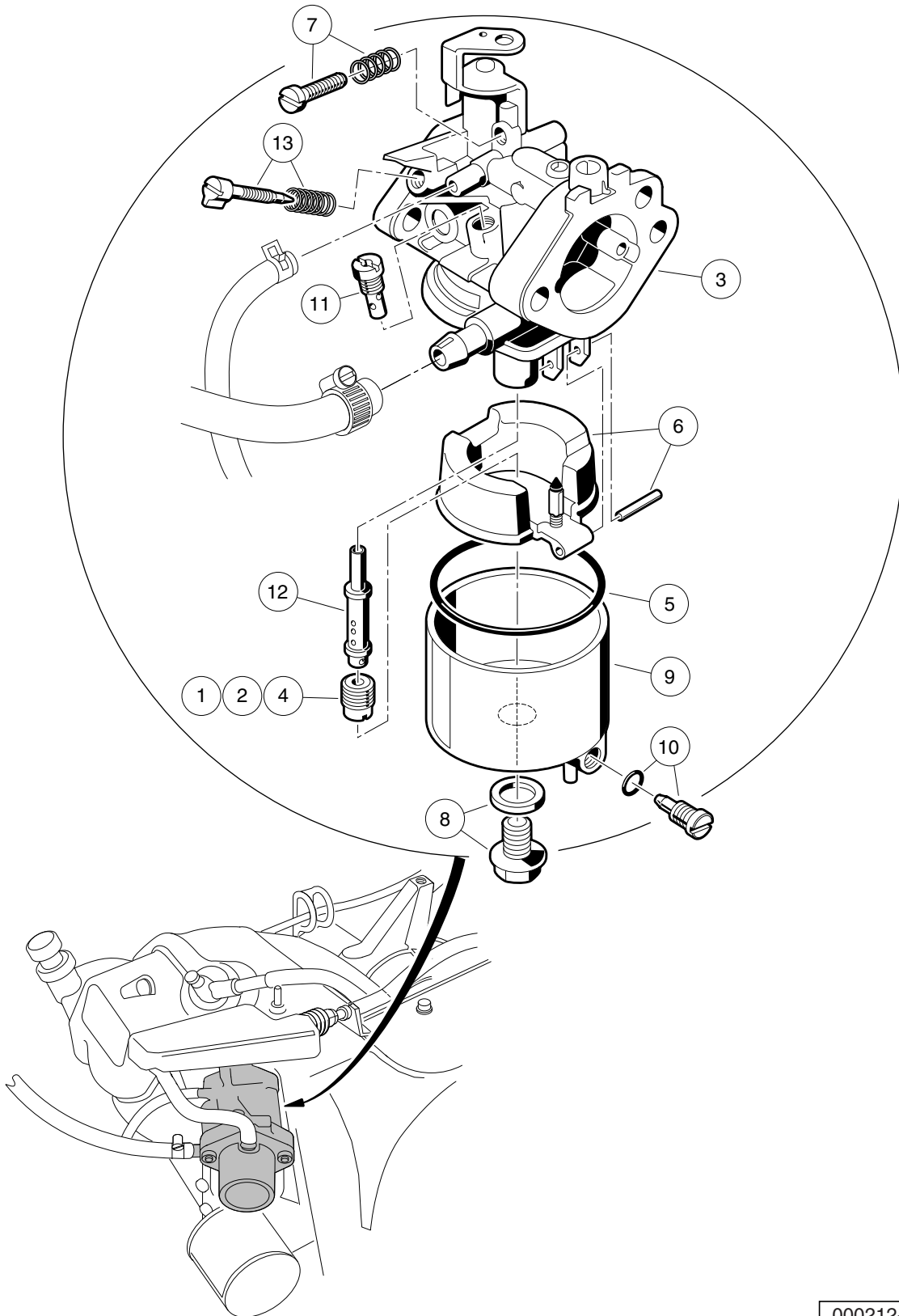
000980-002

CARBON CANISTER – FE350 (AS26)

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102296020</u>	Screw, Torx Pan Hd Pt, M6 X 20	2
2	<u>103372401</u>	Canister, Carbon	1
3	<u>103756401</u>	Asm, Vent Line, Carbon Canister (includes items 4 and 5)	1
4	N/A	Hose, Vent, 5/16 I.D., Bulk	1
5	N/A	Vent, Barb, 5/16 I.D. Hose	1
6	<u>103794501</u>	Bracket, Carbon Canister	1

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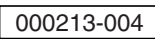
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000212-003

CARBURETOR ASSEMBLY – FE350 (AS26)

ITEM	PART NO.	DESCRIPTION	QTY	8
		1 2 3 4		G
1	<u>101642580</u>	Jet, Altitude, # 80	1	
2	<u>101642582</u>	Jet, Altitude, # 82	1	
3	<u>103616901</u>	Carburetor, FE350 S26 (includes items 4 through 13)	1	
4	<u>101642585</u>	Jet, Altitude, # 85	1	
5	<u>1016437</u>	Gasket, Carburetor Bowl OHV	1	
6	<u>1016486</u>	Float Assembly	1	
7	<u>1016501</u>	Screw Assembly	1	
8	<u>1016585</u>	Bolt	1	
9	<u>1017461</u>	Chamber Assembly, Float (includes item 10)	1	
10	<u>1016499</u>	Screw Assembly	1	
11	<u>101973101</u>	Jet, #40 Pilot	1	
12	<u>101973301</u>	Nozzle, Main	1	
13	N/A	Assembly, Pilot Air Screw	1	
Note: Jets: <u>101642585</u> for 0 - 3,280 feet; <u>101642582</u> for 3,280 - 9840 feet; <u>101642580</u> for 9840 feet and greater. Carburetor <u>103616901</u> shown above, is only for AS26 FE350 engines.				

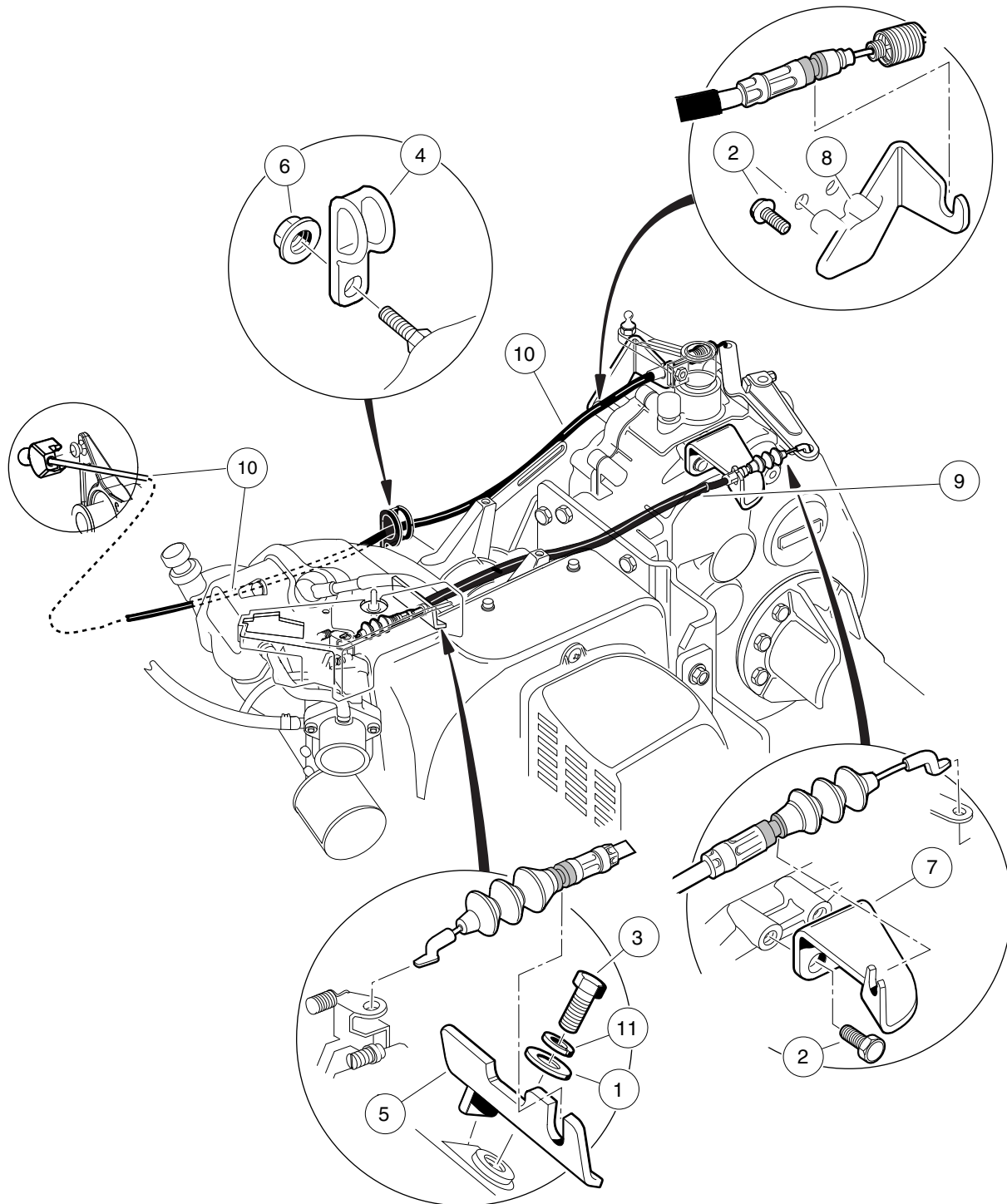


CARBURETOR INSTALLATION – FE350 (AS26)

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1011697</u>	Washer, 5/16 Flat	1
2	<u>1013746</u>	Clamp, 0.301 ID Hose	1
3	<u>1015137</u>	Fuel Line, 3/16 (available by the foot)	1
4	<u>1016103</u>	Screw, Pan Hd Tx, Taptite 6-32	2
5	<u>1016438</u>	Gasket, Carb To Intake Manifold	1
6	<u>1016440</u>	Gasket, Engine to Insulator	1
7	<u>1016441</u>	Gasket, Sprg Brkt To Carb OHV	1
8	<u>1016444</u>	Bracket, Throttle Spring Return	1
9	101648102	Insulator, Carburetor	1
10	<u>101649002</u>	Stud, M6-1.00 Two-Ended	2
11	1016547	Nut, M6 Flange	2
12	<u>1016572</u>	Tube, Crankcase Vent	1
13	<u>1016582</u>	Spring, Throttle Return	1
14	<u>1017466</u>	Clamp	2
15	101820201	Shield, Governor	1
16	<u>101887601</u>	Locknut, M6-1.00 Nylon Insert	1
17	<u>101973401</u>	Gasket, Insulator To Bracket	1
18	103507101	Carburetor Adapter w/ Tap	1

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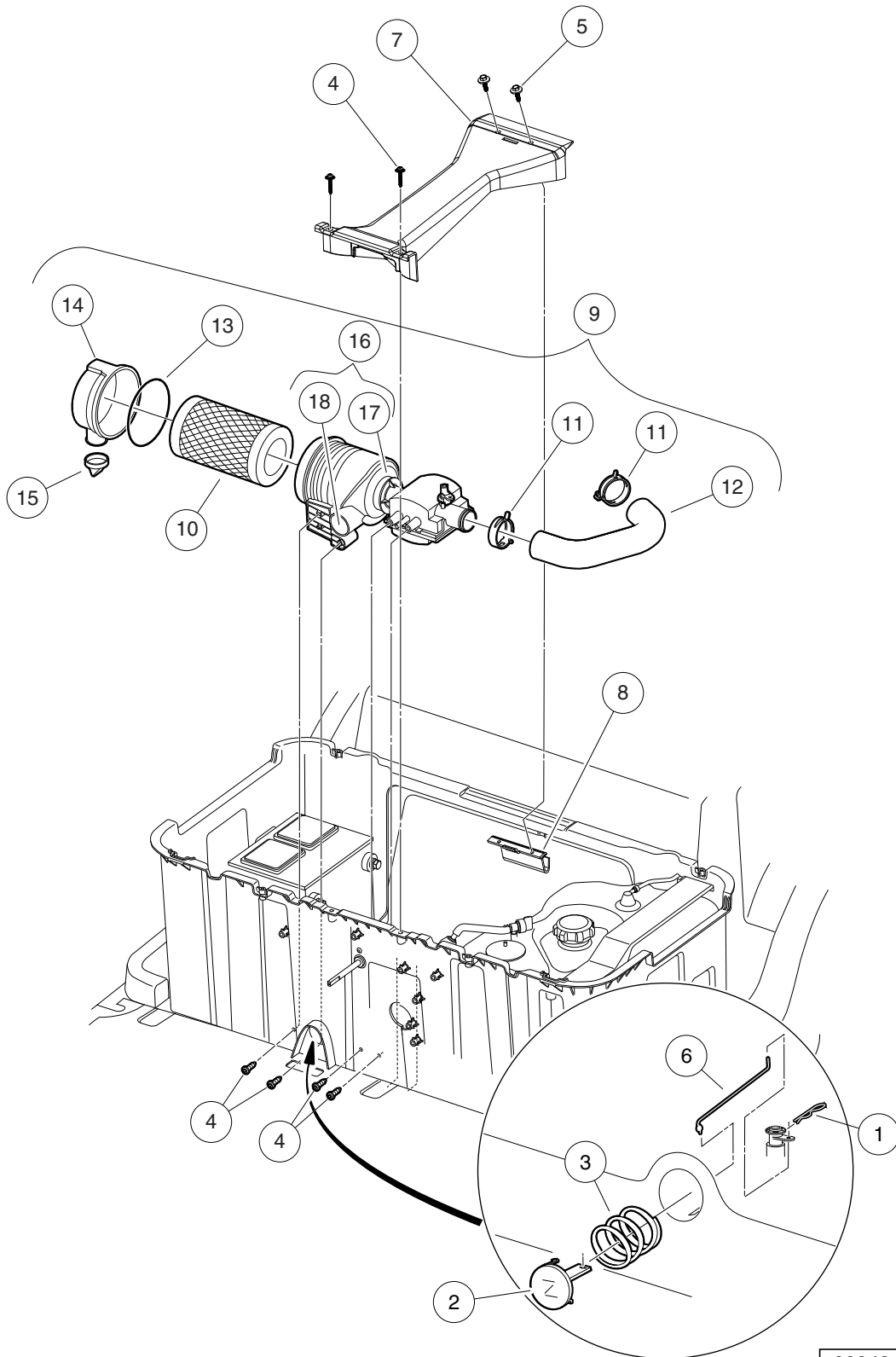
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000215-003

GOVERNOR AND ACCELERATOR CABLES

ITEM	PART NO.	DESCRIPTION	QTY	8
		1 2 3 4		G
1	<u>1011697</u>	Washer, 5/16 Flat	1	
2	<u>1012285</u>	Screw, 1/4 X 0.625 Hex-Head	4	
3	<u>1012830</u>	Screw, M8-125 X 22 Hex-Head	1	
4	<u>1013700</u>	Clamp	2	
5	<u>101584502</u>	Bracket, Governor Cable Snap-In	1	
6	<u>1016546</u>	Nut	2	
7	<u>101832202</u>	Bracket, Rear Governor Cable Snap-In	1	
8	<u>101832302</u>	Bracket, Rear Accelerator Cable Snap-In	1	
9	<u>102336001</u>	Cable, Governor, Snap-In	1	
10	<u>102595101</u>	Cable, Acc, Snap-in (Generation 2)	1	
11	<u>7174</u>	Lockwasher, 5/16 Split	1	



000484-002

CHOKE AND AIR BOX ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY	8	G
		1 2 3 4			
1	<u>1014413</u>	Pin, Hair Spring Cotter	1		
2	<u>101811401</u>	Lever, Choke	1		
3	<u>101856201</u>	Compression Spring	1		
4	<u>102296020</u>	Screw, Torx Pan Hd Pt, M6 X 20	6		
5	<u>102297125</u>	Screw, M6-1.0x25.4, Thread-Forming, SEMS	2		
6	<u>102514401</u>	Rod, Choke Button	1		
7	<u>102521301</u>	Brace, Gas Fuel Bucket	1		
8	<u>102521401</u>	Support, Gas Bucket Brace	1		
9	<u>102588301</u>	Air Intake Assy (includes items 10 through 16)	1		
10	<u>102558201</u>	Air Filter, 4 Inch	1		
11	<u>102558301</u>	Clamp, Air Intake, Prec	2		
12	<u>102558401</u>	Hose, Air Intake, Prec	1		
13	<u>102558501</u>	Gasket, Air Intake, Prec	1		
14	<u>102558601</u>	Asm, Cover, Air Intake, Precedent	1		
15	<u>102558701</u>	Evac Valve, Air Intake, Prec	1		
16	N/A	Assembly, Body Intake (includes items 17 and 18)	1		
17	N/A	Filter Element, Air Intake	1		
18	N/A	Insert, Air Intake Body	1		

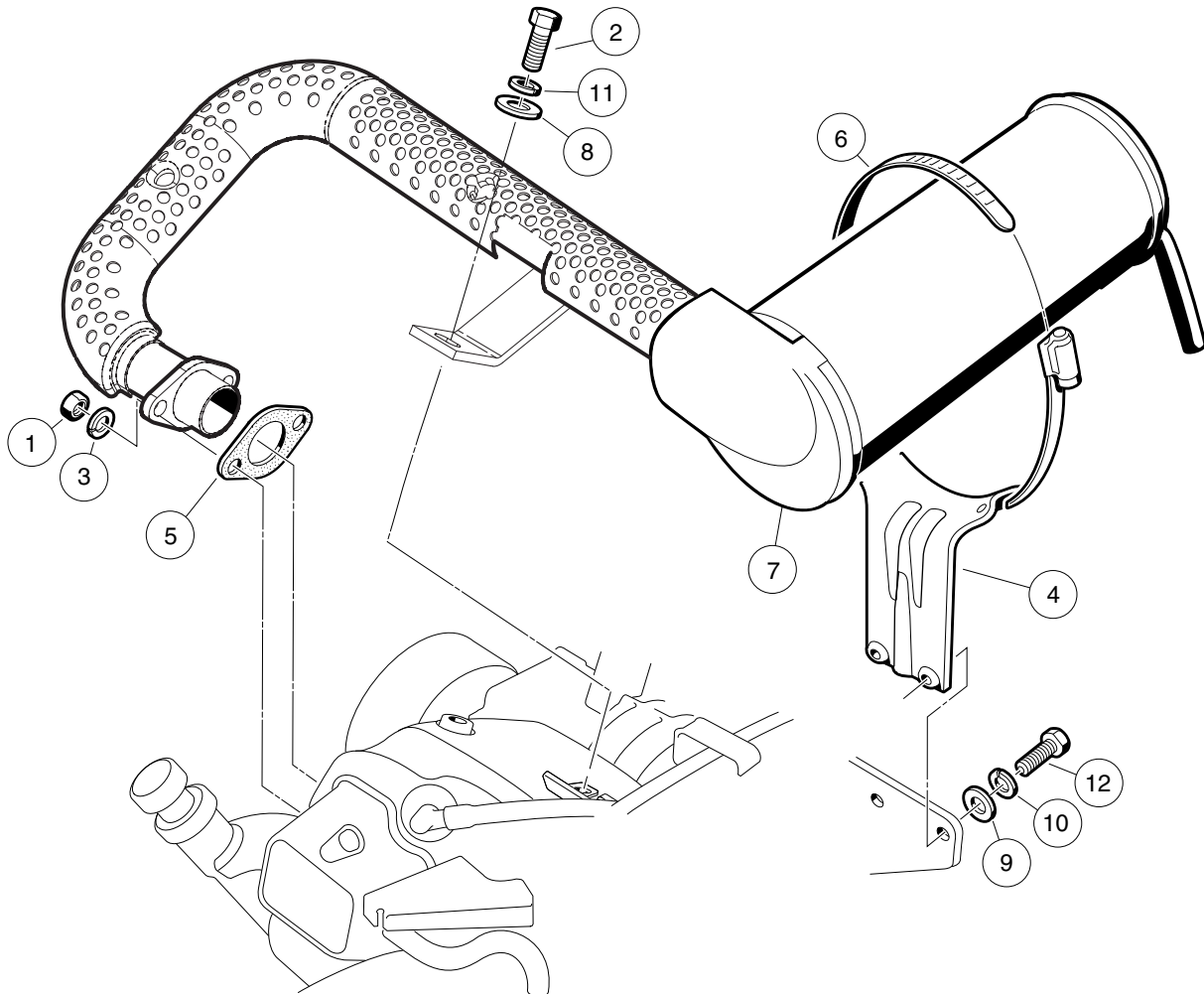
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EXHAUST SYSTEM

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000491-001

EXHAUST SYSTEM – FE350 (ALL)

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

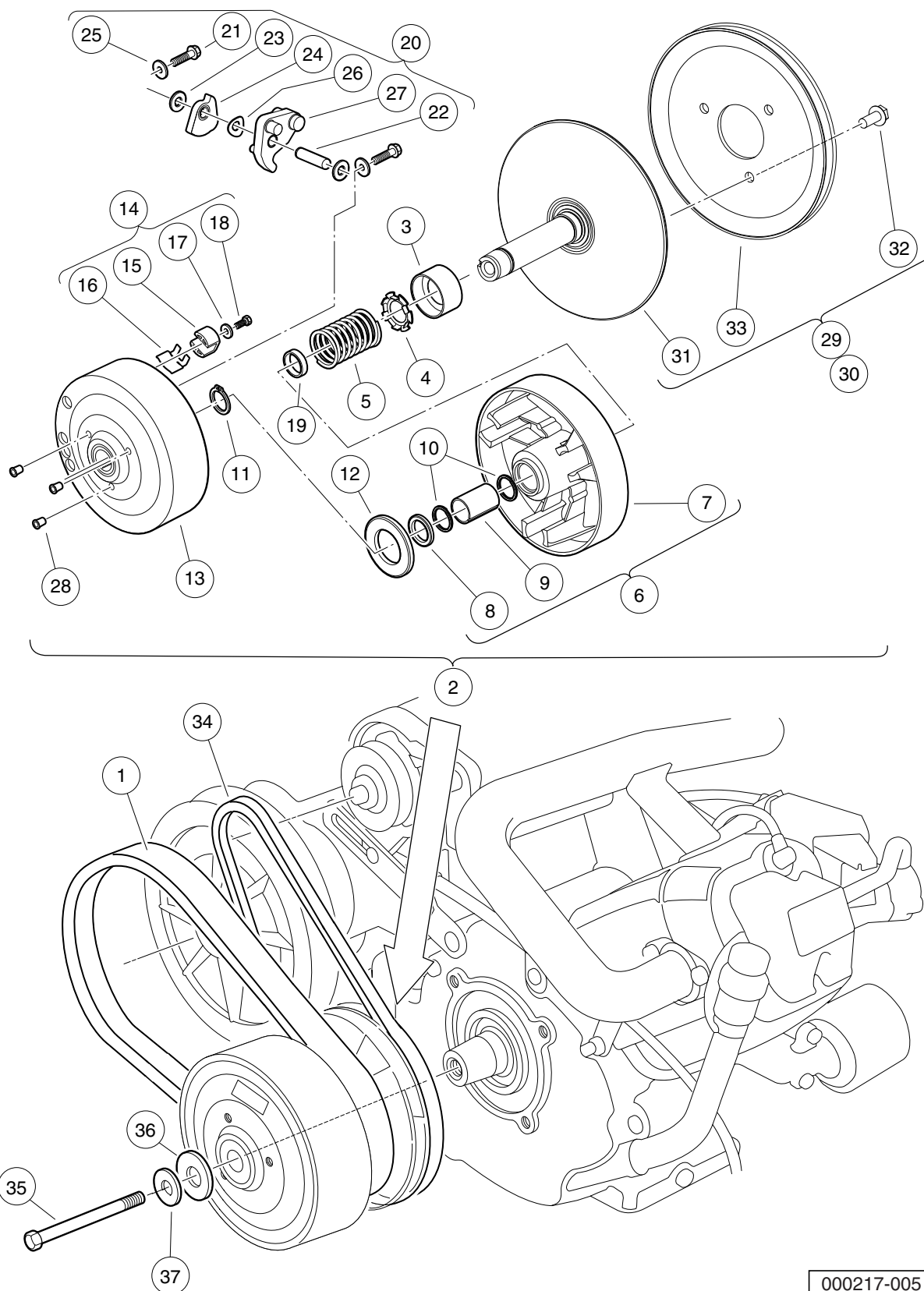
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TORQUE CONVERTER

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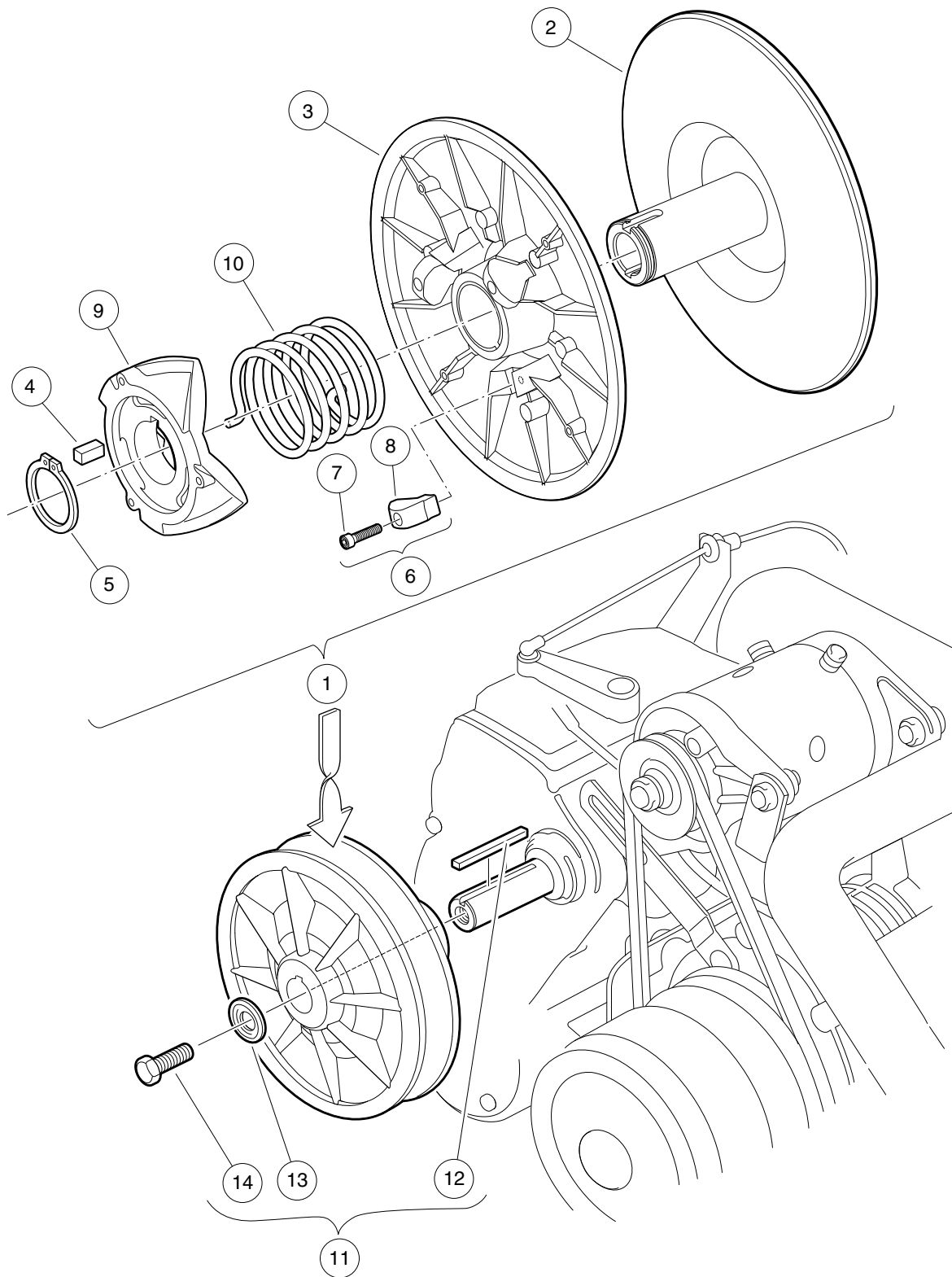
000217-005

DRIVE CLUTCH

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1016203</u>	Belt, Drive	1
2	<u>101833902</u>	Clutch, Drive (includes items 3 through 29)	1
3	<u>1014049</u>	Bearing, Idler	1
4	<u>1014050</u>	Retainer, Spring	1
5	<u>1014051</u>	Spring, Drive Clutch	1
6	<u>1014052</u>	Movable-Face Assembly (includes items 7 through 9)	1
7	N/A	Drive Clutch Movable Face	1
8	<u>1014055</u>	Retainer	1
9	N/A	Bushing, Split, Drive Clutch	1
10	<u>1014056</u>	Ring, Spiral Backup	2
11	<u>1014057</u>	Ring, 0.810" Internal Retaining	1
12	<u>1014058</u>	Thrust Washer	1
13	<u>1014059</u>	Drive Hub Assy, Drive Clutch	1
14	<u>1014453</u>	Kit, Drive Clutch Button (includes items 15 through 18)	1
15	<u>1014062</u>	Driver, Drive Clutch	3
16	<u>1014287</u>	Spring, Drive Button	3
17	<u>183</u>	Washer, #10, Type A, Flat	3
18	<u>8450</u>	Screw, #10-24 X 0.50, Hex-Head	3
19	<u>1016289</u>	Spacer, Fixed Face Shaft	1
20	<u>1016801</u>	Kit, Drive Clutch Weight (includes items 21 through 27)	1
21	<u>1014063</u>	Screw, 1/4-20 X 1.00, Hex Head	6
22	N/A	Pin, Dowel, 0.3752 x 1.50	3
23	<u>1014065</u>	Washer, Flat, 0.38" ID, Delrin	6
24	N/A	Clutch Weight, Secondary	3
25	N/A	Washer	6
26	<u>1016201</u>	Washer, Wave	3
27	N/A	Weight, Primary	3
28	<u>101925601</u>	Plug, Drive Clutch	3
29	<u>101929802</u>	Kit, Fxd Face Dr Asm Fe290/350 (includes item 30)	1
30	N/A	Assembly, Fixed-Face Drive (includes items 31 through 33)	1
31	N/A	Fixed Face Assembly, Drive Clutch	1
32	<u>1014288</u>	Screw, 5/16-18 X 0.75, Thread-Forming	3
33	N/A	Pulley, Clutch	1
34	<u>101916701</u>	V-Belt	1
35	<u>103345701</u>	Screw 3/8-24x5.5 Hex Loc Ptch	1
36	<u>334</u>	Washer, 3/8, Type A, Flat	1
37	<u>808</u>	Washer, 3/8 Type B Flat	1

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000219-001

DRIVEN CLUTCH

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

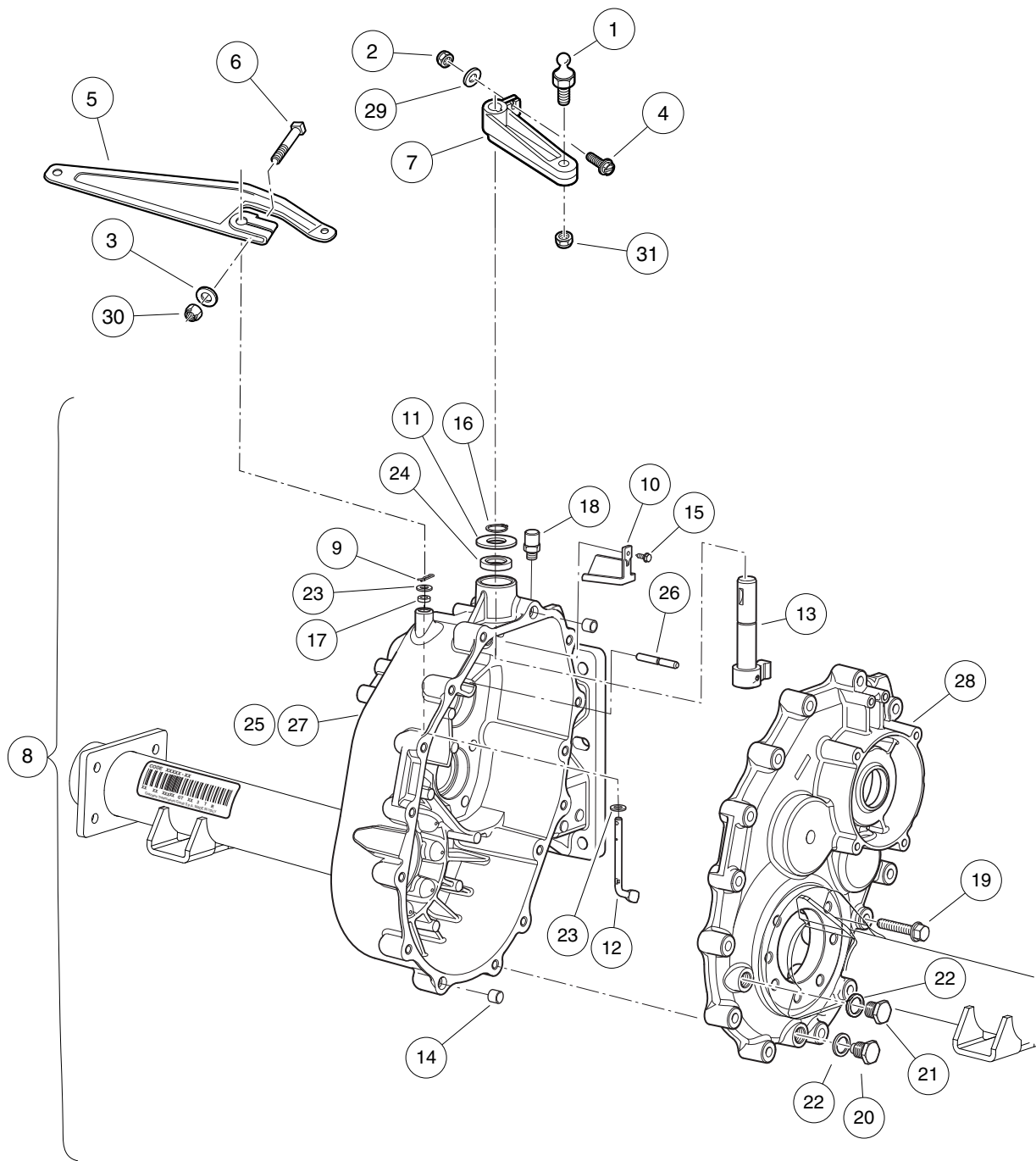
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UNITIZED TRANSAXLE

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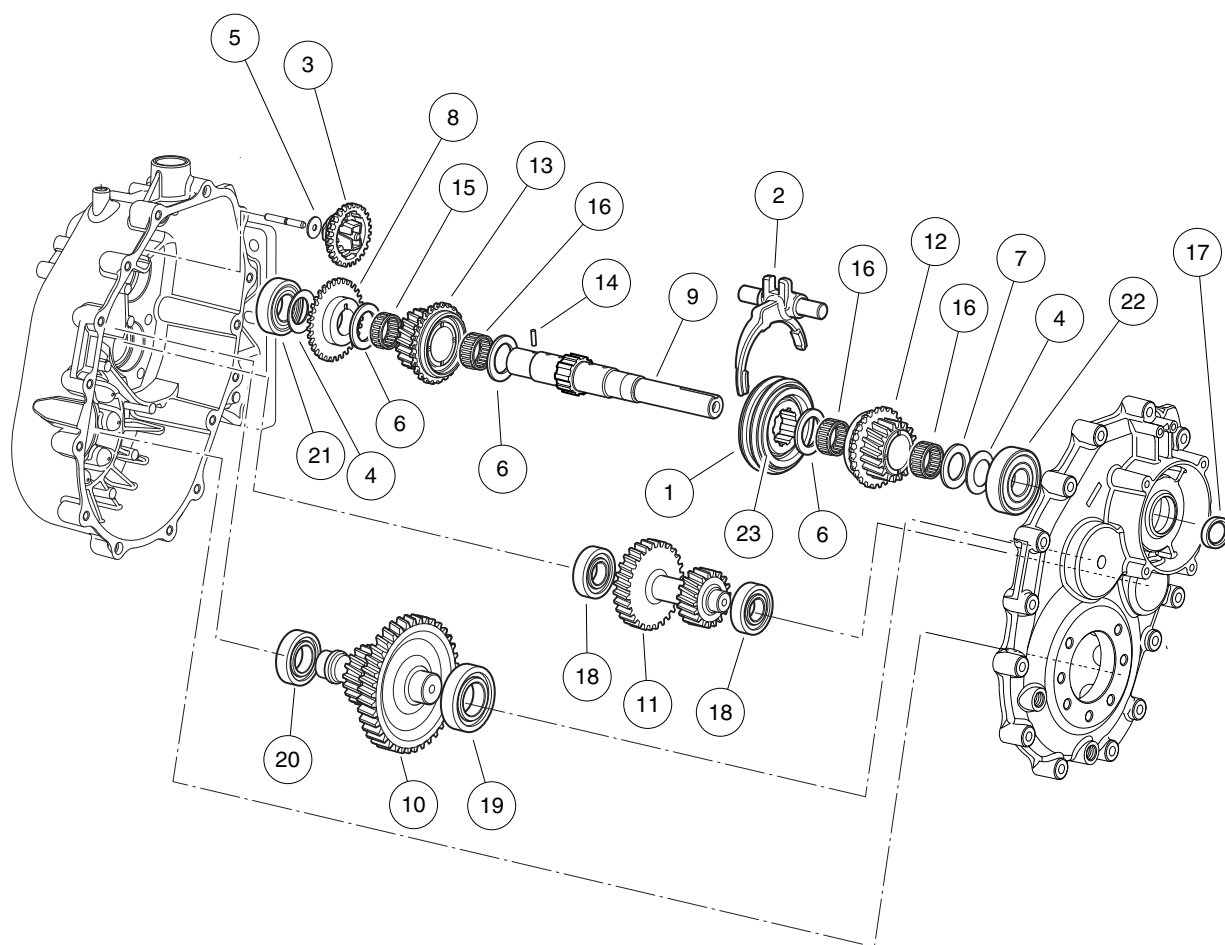


000680-010

GRAZIANO TRANSAXLE – GEAR CASES AND LEVERS

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1010954</u>	Stud, Ball, 1/4-28 X 0.560	1
2	<u>1013061</u>	Locknut, #10-32 Nylon Insert	1
3	<u>1014007</u>	Washer, 1/4, Flat	1
4	<u>1017082</u>	Screw, #10-32 X 0.75, Hex-Head Machine	1
5	<u>101834801</u>	Arm, Governor	1
6	<u>101886101</u>	Screw, 1/4-20 X 1.00, Square-Head	1
7	<u>102515401</u>	Lever, Transmission Shift	1
8	<u>103874201</u>	Transaxle, Gas, 11.77:1, Gtg (includes items 9 through 28)	1
9	<u>102897401</u>	Pin, Split	1
10	<u>102897601</u>	Conveyor, Oil	1
11	<u>102897801</u>	Washer, Thrust	1
12	<u>102897901</u>	Lever, Speed Governor	1
13	<u>102898201</u>	Unit, Drive Selector	1
14	<u>102899101</u>	Dowel	2
15	<u>102899201</u>	Screw	1
16	<u>102899401</u>	Ring, Snap	1
17	<u>102899701</u>	Grommet	1
18	<u>102899801</u>	Breather	1
19	<u>102900001</u>	Screw	15
20	<u>102900101</u>	Drain Plug, Magnetic	1
21	<u>102900201</u>	Fill Plug	1
22	<u>102900301</u>	Seal	2
23	<u>102900601</u>	Washer	2
24	<u>102900901</u>	Grommet	1
25	<u>103882101</u>	Case, Transaxle, W/gov Pin (includes items 26 and 27)	1
26	N/A	Pin, Speed Governor	1
27	N/A	Cover, Gear Box (Driver-Side)	1
28	<u>103882301</u>	Cover, Gear Box (Passenger-Side)	1
29	<u>183</u>	Washer, #10, Type A, Flat	1
30	<u>8233</u>	Locknut, 1/4-20, Nylon Insert	1
31	<u>8717</u>	Locknut, Nylon Insert, 1/4-28	1
Note: Graziano transaxle component listings span three pages. To identify your transaxle, locate the serial number decal on the axle tube. <u>103874201</u> is backwards compatible. However, some service parts are not compatible with other transaxles.			

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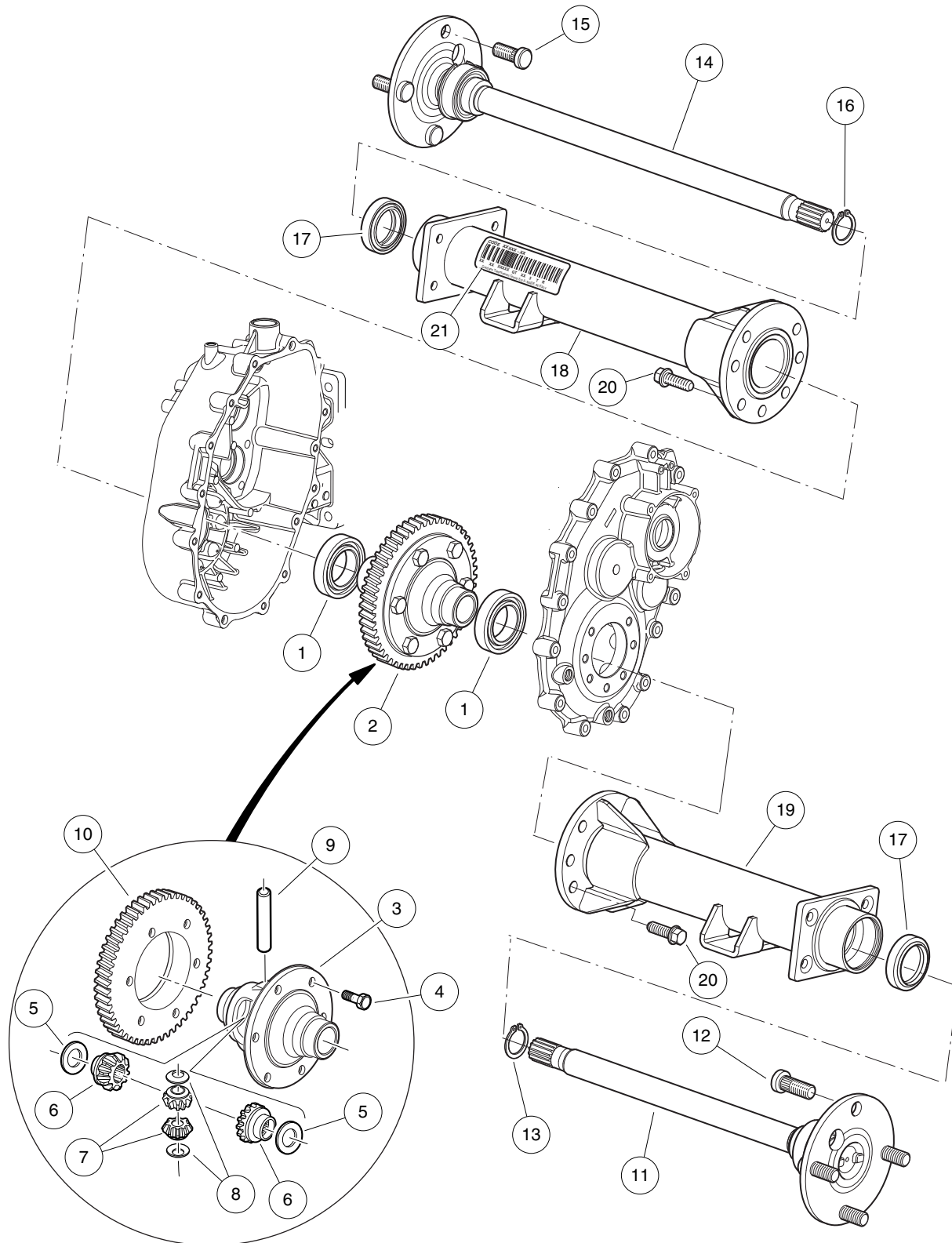
000680-008

GRAZIANO TRANSAXLE – F&R TRANSMISSION AND GEAR REDUCTION

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102897201</u>	Synchronizer, Complete	1
2	<u>102897301</u>	Fork, Complete	1
3	<u>102897701</u>	Assembly, Speed Governor	1
4	<u>102898001</u>	Washer, Belleville	2
5	<u>102898101</u>	Bearing, Thrust	1
6	<u>102898301</u>	Bearing, Thrust	3
7	<u>102898401</u>	Washer, Thrust	1
8	<u>102898501</u>	Gear, Speed Governor	1
9	<u>102898601</u>	Shaft, Main	1
10	<u>102898701</u>	Shaft, Secondary	1
11	<u>102898801</u>	Shaft, Reverse Gear	1
12	<u>102898901</u>	Gear, Complete, 25t	1
13	<u>102899001</u>	Gear, Complete, 28t	1
14	<u>102899301</u>	Pin	1
15	<u>102899501</u>	Cage, Roller	1
16	<u>102899601</u>	Cage, Roller	3
17	<u>102899901</u>	Grommet	1
18	<u>102900401</u>	Bearing	2
19	<u>102900501</u>	Bearing, 62 Od X 30 Id X 16	1
20	<u>102900701</u>	Bearing	1
21	<u>102901001</u>	Bearing	1
22	<u>102901101</u>	Bearing	1
23	<u>103882001</u>	Washer, Wave, Trans Synchro	2
Note: To identify your transaxle, locate the serial number decal on the axle tube.			

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000681-002

GRAZIANO TRANSAXLE -DIFFERENTIAL AND AXLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102900801</u>	Bearing, 68 Od X 40 Id X 15	2
2	<u>102902001</u>	Assembly, Differential (includes items 3 through 10)	1
3	<u>102901201</u>	Box, Differential	1
4	<u>102901301</u>	Screw, M10 X 25	6
5	<u>102901401</u>	Ring, Sleeve	2
6	<u>102901501</u>	Gear, Sun	2
7	<u>102901601</u>	Gear, Planetary	2
8	<u>102901701</u>	Ring, Sleeve	2
9	<u>102901801</u>	Pin	1
10	<u>102901901</u>	Gear	1
11	<u>102902101</u>	Shaft, Axle, Short, Complete (Passenger-Side) (includes items 12 and 13)	1
12	<u>102902301</u>	Bolt, Stud	4
13	<u>102902401</u>	Snap Ring	1
14	<u>102902201</u>	Shaft, Axle, Long, Complete (Driver-Side) (includes items 15 and 16)	1
15	<u>102902301</u>	Bolt, Stud	4
16	<u>102902401</u>	Snap Ring	1
17	<u>102902501</u>	Seal, Lip	2
18	<u>102902601</u>	Axle Tube, (Driver-Side)	1
19	<u>102902701</u>	Axle Tube, (Passenger-Side)	1
20	<u>102902801</u>	Screw, M10 X 30	14
21	N/A	Tag, Serial	1
Note: To identify your transaxle, locate the serial number decal on the axle tube.			

11
G

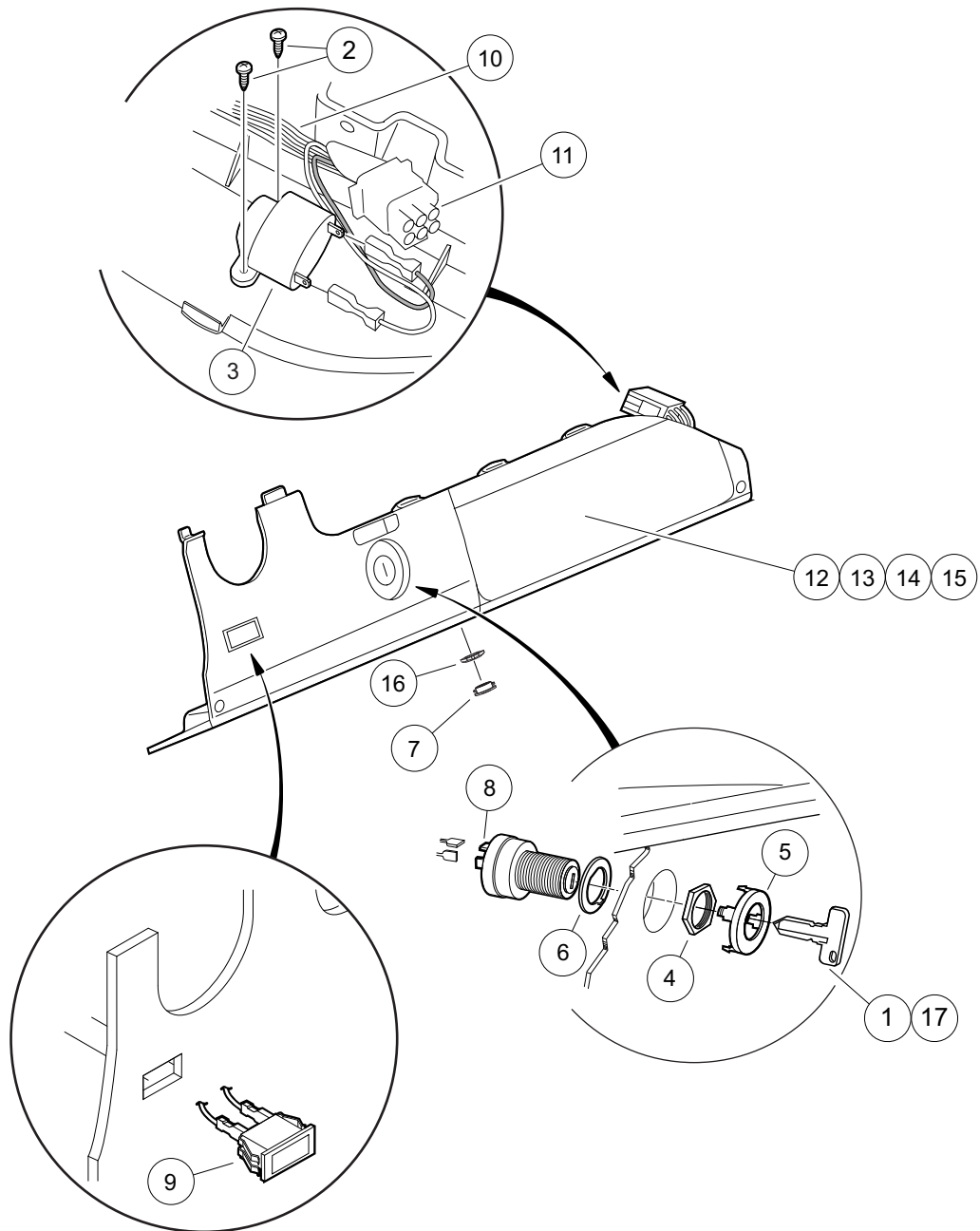
11

G

ELECTRICAL SYSTEM – ELECTRIC VEHICLE

12

E



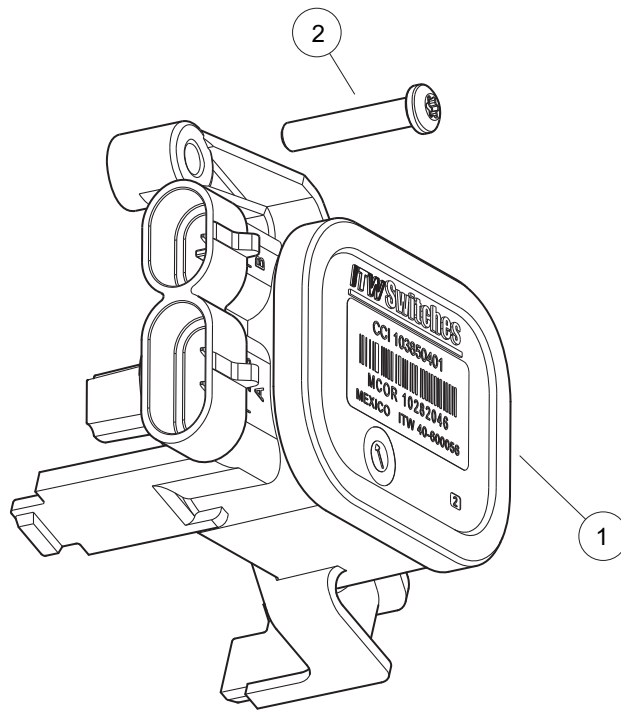
000490-001

ELECTRICAL COMPONENTS, FRONT BODY – ELECTRIC VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1012505</u>	Keys (set of 2)	1
2	<u>1016849</u>	Screw, #4-24 X 0.33, Pan-Head, Machine	2
3	<u>1016851</u>	Buzzer, Reverse (9-48 VDC)	1
4	<u>101830701</u>	Nut, Key Switch	1
5	<u>101834502</u>	Cap, Black Key Switch	1
6	<u>101851101</u>	Washer, Key Switch	1
7	<u>102196901</u>	Dust Cap	1
8	<u>102508601</u>	Key Switch, Electric	1
9	<u>102508701</u>	Light, Battery	1
10	<u>102510001</u>	Ip Control Harness, Elec (includes item 11)	1
11	N/A	Connector, Cap 9-pin	1
12	<u>102522901</u>	Instrument Panel (standard)	1
13	<u>102536601</u>	Instrument Panel (with Hole for Headlight Switch)	1
14	<u>102536603</u>	Instrument Panel (with Hole for Battery Condition Indicator)	1
15	<u>102536605</u>	Instrument Panel (with Hole for Headlight Switch and Battery Condition Indicator)	1
16	<u>102572401</u>	Nut, Diagnostic Port, Prec	1
17	<u>AM10079</u>	Bulk Std Keys (50) *	1
		 * Note: Must order in multiples of 50.	

12

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000243-003

MOTOR CONTROLLER OUTPUT REGULATOR 3 (MCOR3)

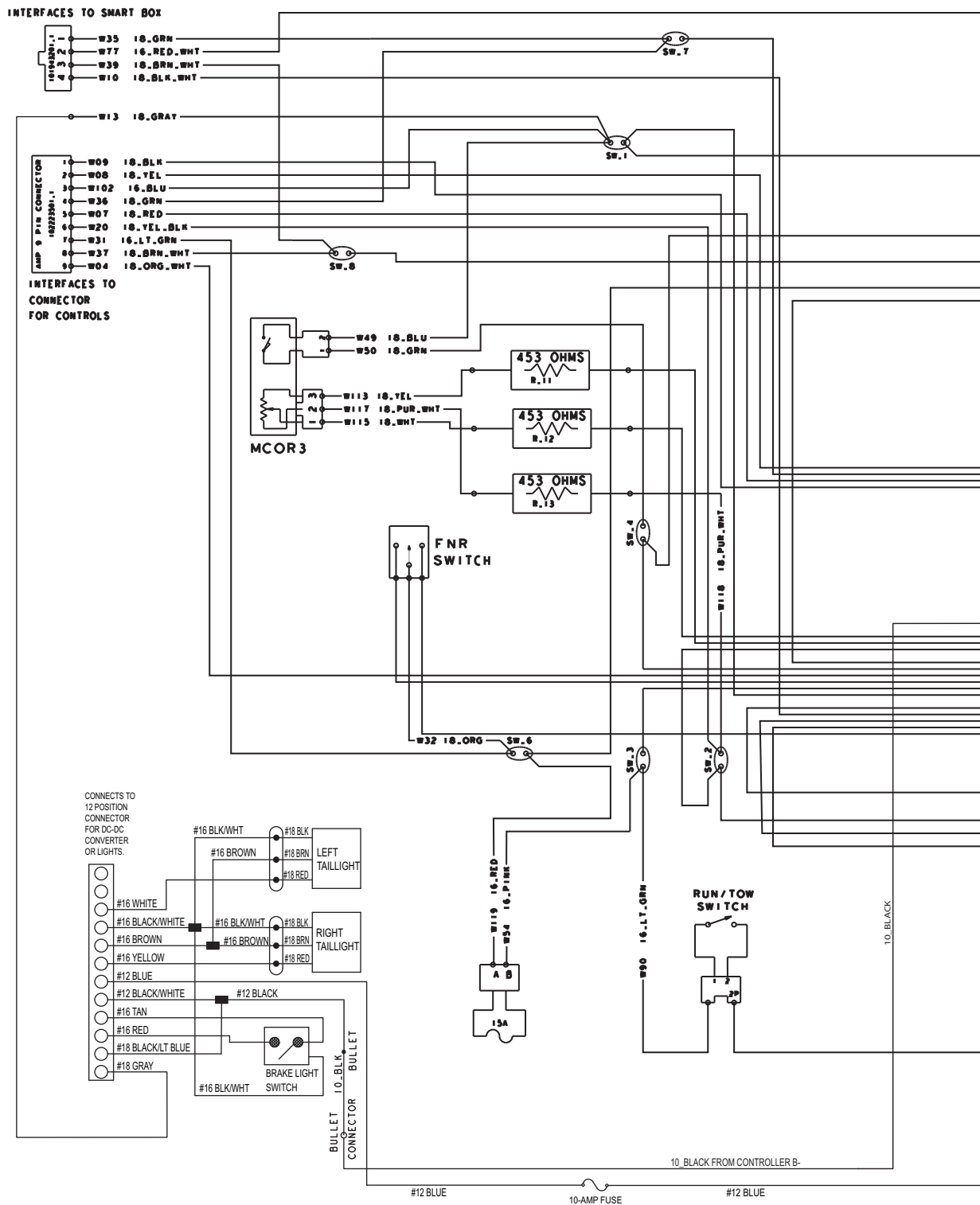
ITEM	PART NO.	DESCRIPTION	QTY
1	<u>103850401</u>	1 2 3 4 MCOR3	1
2	<u>103943401</u>	Screw, Pan, #10 X 1.00 Hi-lo	1

12

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EXCEL SYSTEM (MCOR3)

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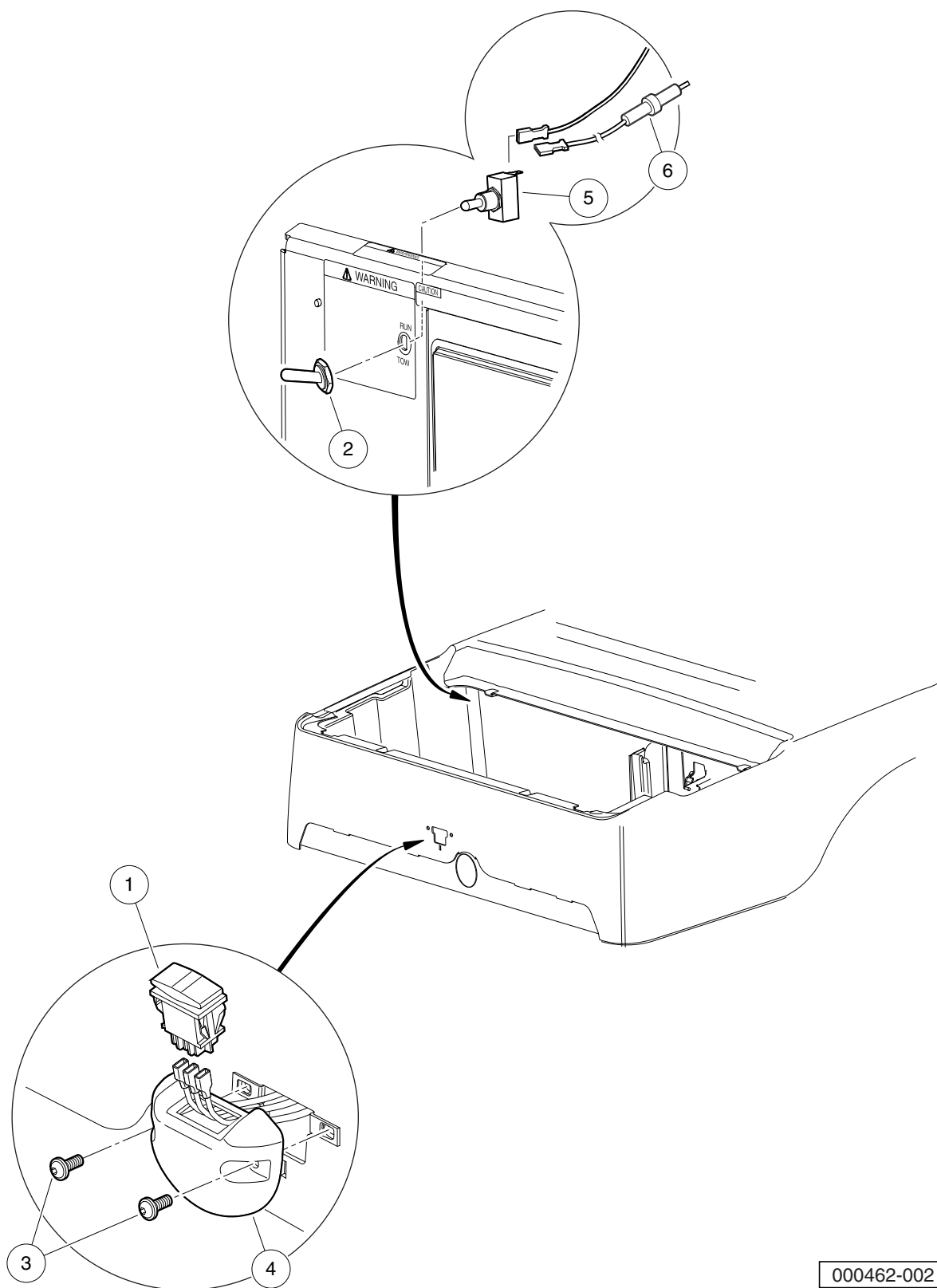


000498-011

See previous two pages for illustration.

WIRING – EXCEL SYSTEM WITH MCOR3

ITEM	PART NO.	DESCRIPTION	QTY	12
		1 2 3 4		
1	<u>102538601</u>	15 Amp Fuse	1	
2	<u>103375702</u>	Asm, Harness, Motor 1/4	1	E
3	<u>103421801</u>	Harness, Wire, PD Onboard Charger, 4-Pass, Prec	1	
4	<u>103850301</u>	Harness, Prec, Excel w/PD, Mcor3	1	
5	<u>103924801</u>	Fuse, Glass, 2-Amp	1	



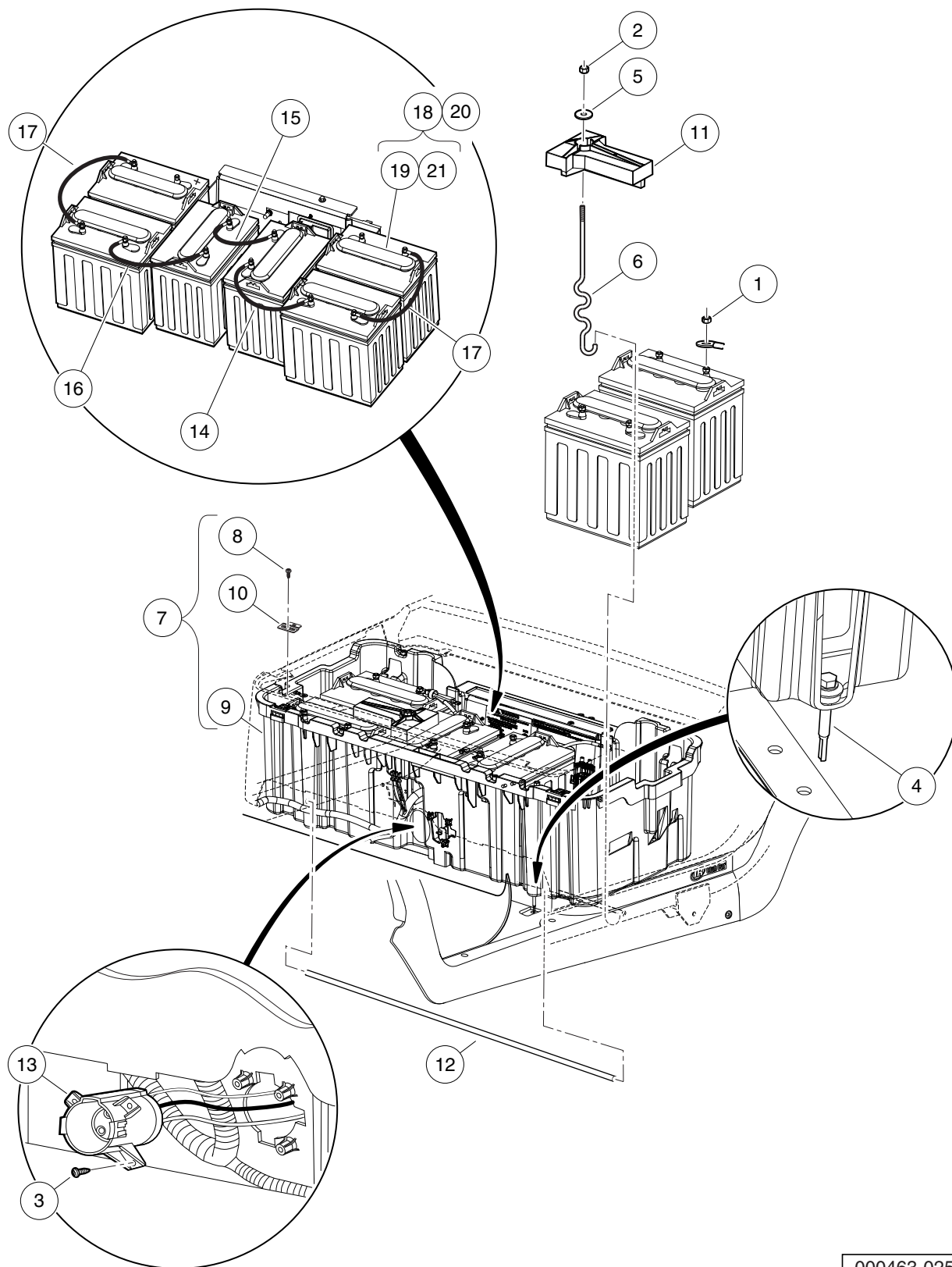
000462-002

FORWARD/REVERSE SWITCH AND TOW/RUN SWITCH

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>101856001</u>	Switch, Rocker, Double-Pole	1
2	<u>101908401</u>	Boot, Switch	1
3	<u>102296920</u>	Screw, M6, Torx Button Head, Sems	2
4	<u>102508401</u>	Housing, FNR Electric	1
5	<u>102511101</u>	Switch, Tow	1
6	<u>102538601</u>	15 Amp Fuse	1

12

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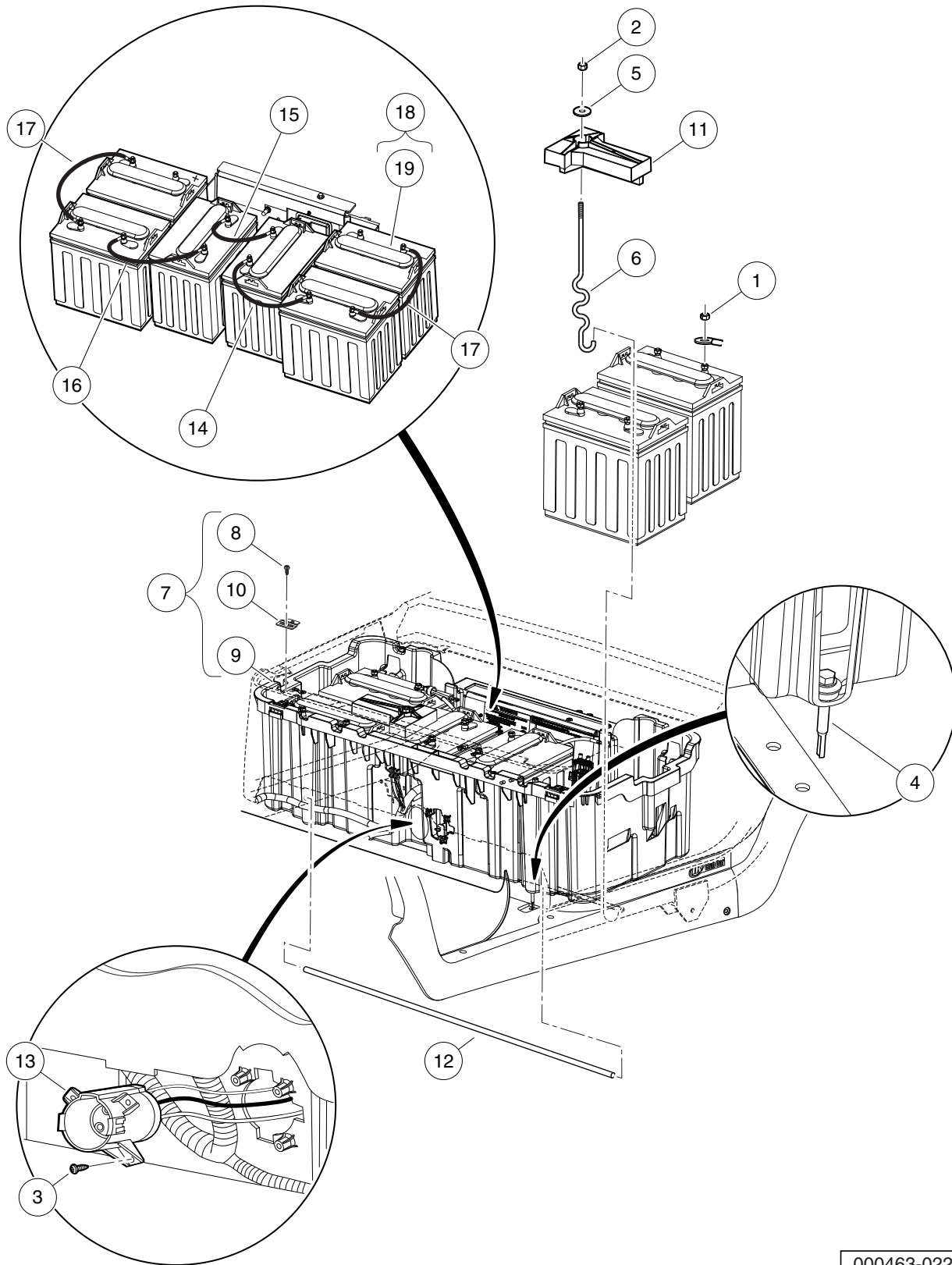
000463-025

BATTERIES, BUCKET, AND CHARGER RECEPTACLE – EXCEL SYSTEM, 8V

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1014304</u>	Nut, 5/16-18 Stainless-Steel Hex	12
2	<u>1014555</u>	Locknut, 7/16-14 Nylon Hex	2
3	<u>101832001</u>	Screw, #7-19 X 0.625 Phillips Pan-Head Tap	3
4	<u>102292356</u>	Screw-1/4-20x56 Hwh Self Drill	4
5	<u>102491501</u>	Washer, Hard, M10	2
6	<u>103357701</u>	Bolt, Battery, "s" Hold-down	2
7	<u>103368401</u>	Asm, Bucket, Batt, Elec, Prec (includes items 8 through 10)	1
8	<u>102298020</u>	Screw, K80x20, Torx Pn Hd Pt	2
9	N/A	Bucket, Batt, Elec, Precedent	1
10	<u>103368301</u>	Hinge - Nested	2
11	<u>103374801</u>	Hold Down, Battery	2
12	<u>103375301</u>	Tube, Cross, Battery Rod	1
13	<u>103375501</u>	Asm, Prec Restyle Receptacle	1
14	<u>103376001</u>	Wire Asm #6 Blk, Prec/restyle	1
15	<u>103647401</u>	Wire Asm #6 Blk, 5"	1
16	<u>103647402</u>	Wire Asm #6 Blk, 12"	1
17	<u>103647403</u>	Wire Asm #6 Blk, 17"	2
18	<u>103719701</u>	Battery, 8-Volt, Crown CR165 (includes item 19)	6
19	<u>103878401</u>	Cap, Batt, 8v, Crown, Svc	1
20	<u>103793001</u>	Battery, 8-Volt, JCI GC8 (includes item 21)	6
21	<u>103765601</u>	Cap, Spin, 8-Volt Battery	1
22	<u>8639</u>	Tie Wrap, 11" Nylon	2
Note: Item 22 not shown. Note 2: JCI battery (item 20) uses Crown battery cap (item 21) to clear battery hold-down.			

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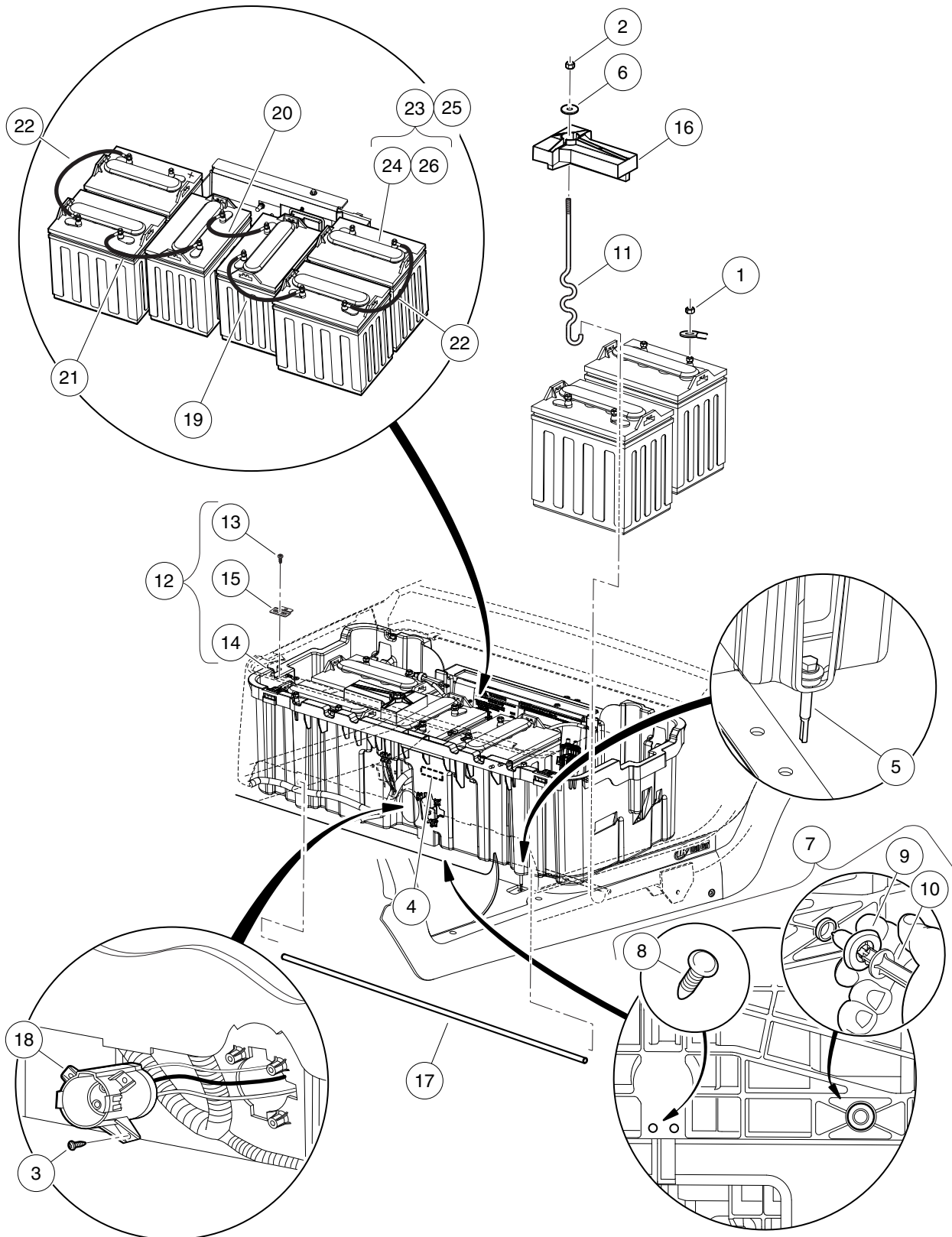
000463-022

BATTERIES, BUCKET, AND CHARGER RECEPTACLE – EXCEL SYSTEM, HEAVY DUTY 8V

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1014304</u>	Nut, 5/16-18 Stainless-Steel Hex	12
2	<u>1014555</u>	Locknut, 7/16-14 Nylon Hex	2
3	<u>101832001</u>	Screw, #7-19 X 0.625 Phillips Pan-Head Tap	3
4	<u>102292356</u>	Screw-1/4-20x56 Hwh Self Drill	4
5	<u>102491501</u>	Washer, Hard, M10	2
6	<u>103357701</u>	Bolt, Battery, "s" Hold-down	2
7	<u>103368401</u>	Asm, Bucket, Batt, Elec, Prec (includes items 8 through 10)	1
8	<u>102298020</u>	Screw, K80x20, Torx Pn Hd Pt	2
9	N/A	Bucket, Batt, Elec, Precedent	1
10	<u>103368301</u>	Hinge - Nested	2
11	<u>103374801</u>	Hold Down, Battery	2
12	<u>103375301</u>	Tube, Cross, Battery Rod	1
13	<u>103375501</u>	Asm, Prec Restyle Receptacle	1
14	<u>103376001</u>	Wire Asm #6 Blk, Prec/restyle	1
15	<u>103647401</u>	Wire Asm #6 Blk, 5"	1
16	<u>103647402</u>	Wire Asm #6 Blk, 12"	1
17	<u>103647403</u>	Wire Asm #6 Blk, 17"	2
18	<u>103719801</u>	Battery, 8-Volt, Crown CR190 (includes item 19)	6
19	<u>103878401</u>	Cap, Batt, 8v, Crown, Svc	1
20	<u>8639</u>	Tie Wrap, 11" Nylon	2
Note: Item 20 not shown.			

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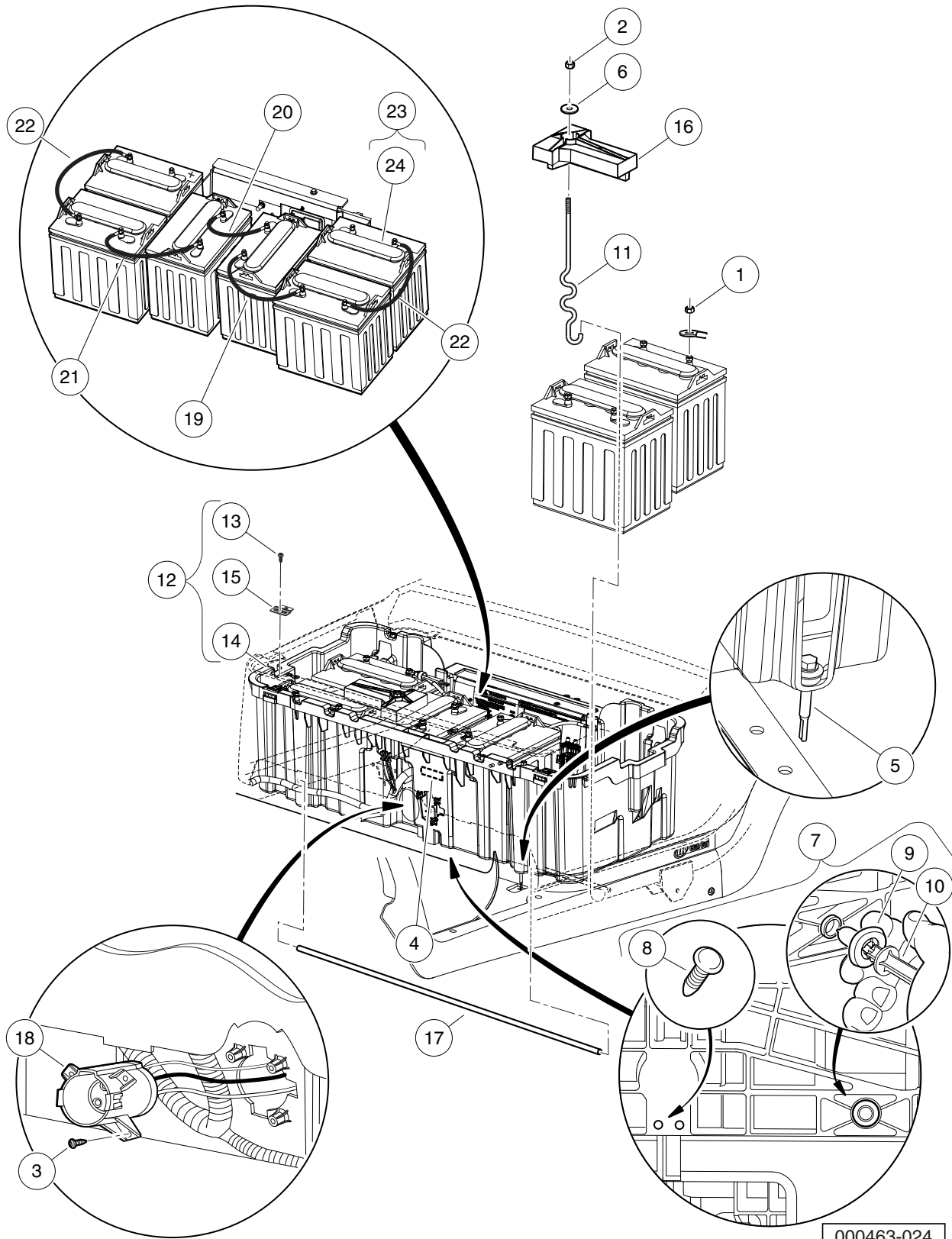
000463-026

BATTERIES, BUCKET, AND CHARGER RECEPTACLE – EXCEL SYSTEM, CE, 8V

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1014304</u>	Nut, 5/16-18 Stainless-Steel Hex	12
2	<u>1014555</u>	Locknut, 7/16-14 Nylon Hex	2
3	<u>101832001</u>	Screw, #7-19 X 0.625 Phillips Pan-Head Tap	3
4	<u>101865805</u>	Ce - Decal	1
5	<u>102292356</u>	Screw-1/4-20x56 Hwh Self Drill	4
6	<u>102491501</u>	Washer, Hard, M10	2
7	<u>102571202</u>	Kit Ce Plug - Bucket Elec (includes items 8 through 10)	1
8	<u>1010434</u>	Barrel - Plastic	2
9	N/A	Plug, 1/2", CE Bucket	6
10	N/A	Install Tool, CE Bucket Plug	1
11	<u>103357701</u>	Bolt, Battery, "s" Hold-down	2
12	<u>103368401</u>	Asm, Bucket, Batt, Elec, Prec (includes items 13 through 15)	1
13	<u>102298020</u>	Screw, K80x20, Torx Pn Hd Pt	2
14	N/A	Bucket, Batt, Elec, Precedent	1
15	<u>103368301</u>	Hinge - Nested	2
16	<u>103374801</u>	Hold Down, Battery	2
17	<u>103375301</u>	Tube, Cross, Battery Rod	1
18	<u>103375501</u>	Asm, Prec Restyle Receptacle	1
19	<u>103376001</u>	Wire Asm #6 Blk, Prec/restyle	1
20	<u>103647401</u>	Wire Asm #6 Blk, 5"	1
21	<u>103647402</u>	Wire Asm #6 Blk, 12"	1
22	<u>103647403</u>	Wire Asm #6 Blk, 17"	2
23	<u>103719701</u>	Battery, 8-Volt, Crown CR165 (includes item 24)	6
24	<u>103878401</u>	Cap, Batt, 8v, Crown, Svc	1
25	<u>103793001</u>	Battery, 8-Volt, JCI GC8 (includes item 26)	6
26	<u>103765601</u>	Cap, Spin, 8-Volt Battery	1
27	<u>8639</u>	Tie Wrap, 11" Nylon	2
Note: Item 27 not shown. Note 2: The CE-specific parts shown are required for vehicles sold in the European Union. Note 3: JCI battery (item 25) uses Crown battery cap (item 26) to clear battery hold-down.			

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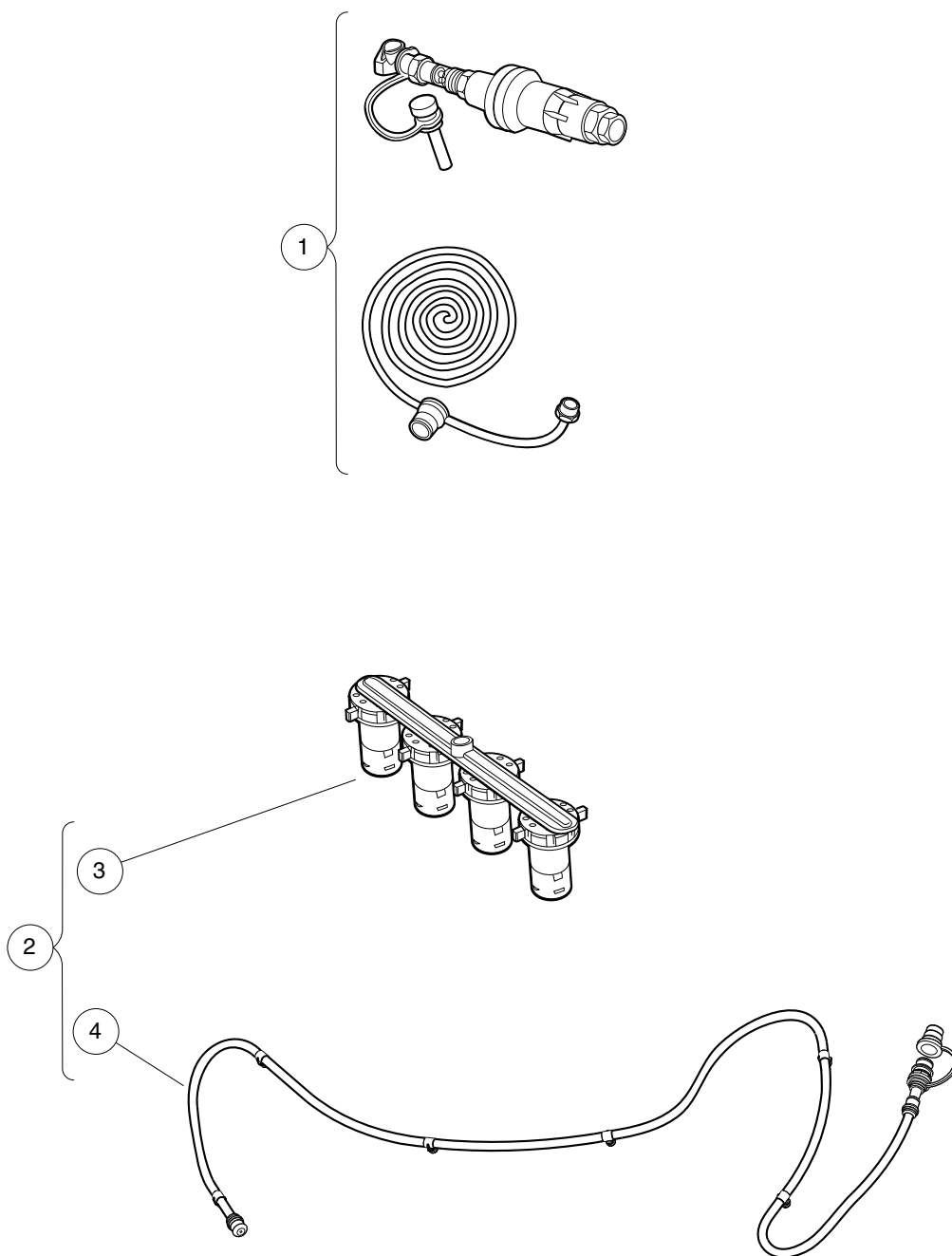
000463-024

BATTERIES, BUCKET, AND CHARGER RECEPTACLE – EXCEL SYSTEM, HEAVY DUTY 8V, CE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1014304</u>	Nut, 5/16-18 Stainless-Steel Hex	12
2	<u>1014555</u>	Locknut, 7/16-14 Nylon Hex	2
3	<u>101832001</u>	Screw, #7-19 X 0.625 Phillips Pan-Head Tap	3
4	<u>101865805</u>	Ce - Decal	1
5	<u>102292356</u>	Screw-1/4-20x56 Hwh Self Drill	4
6	<u>102491501</u>	Washer, Hard, M10	2
7	<u>102571202</u>	Kit Ce Plug - Bucket Elec (includes items 8 through 10)	1
8	<u>1010434</u>	Barrel - Plastic	2
9	N/A	Plug, 1/2", CE Bucket	6
10	N/A	Install Tool, CE Bucket Plug	1
11	<u>103357701</u>	Bolt, Battery, "s" Hold-down	2
12	<u>103368401</u>	Asm, Bucket, Batt, Elec, Prec (includes items 13 through 15)	1
13	<u>102298020</u>	Screw, K80x20, Torx Pn Hd Pt	2
14	N/A	Bucket, Batt, Elec, Precedent	1
15	<u>103368301</u>	Hinge - Nested	2
16	<u>103374801</u>	Hold Down, Battery	2
17	<u>103375301</u>	Tube, Cross, Battery Rod	1
18	<u>103375501</u>	Asm, Prec Restyle Receptacle	1
19	<u>103376001</u>	Wire Asm #6 Blk, Prec/restyle	1
20	<u>103647401</u>	Wire Asm #6 Blk, 5"	1
21	<u>103647402</u>	Wire Asm #6 Blk, 12"	1
22	<u>103647403</u>	Wire Asm #6 Blk, 17"	2
23	<u>103719801</u>	Battery, 8-Volt, Crown CR190 (includes item 24)	6
24	<u>103878401</u>	Cap, Batt, 8v, Crown, Svc	1
25	<u>8639</u>	Tie Wrap, 11" Nylon	2
Note: Item 25 not shown. Note 2: The CE-specific parts shown are required for vehicles sold in the European Union.			

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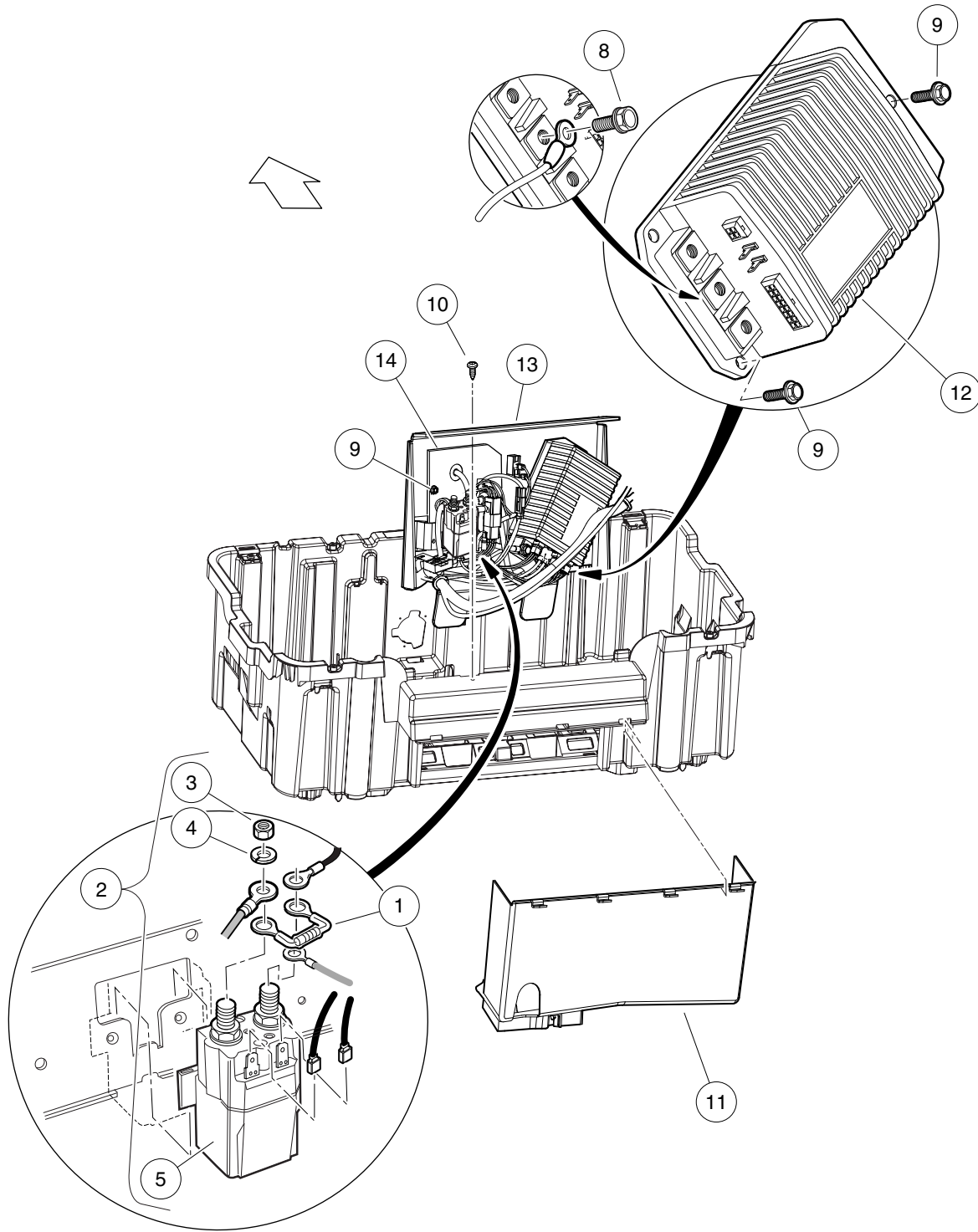
000731-007

SINGLE POINT WATERING SYSTEM, 8V CROWN & JCI

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102958001</u>	Kit Regulated Hose Sply Spws	1
2	<u>103395505</u>	Kit, Spws, Prec, 8 Volt Non-Trojan (includes items 3 and 4)	1
3	<u>103510602</u>	Spws, Manifold Asm, 8v Non-Trojan	6
4	<u>103774701</u>	Spws, Hose 8v Non-trojan	1
		 Note: For Crown and JCI 8-Volt batteries only.	

12

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000486-012

COMPUTER V5.5, CONTROLLER, AND SOLENOID – EXCEL SYSTEM

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1014947</u>	Resistor Assembly	1
2	<u>101908701</u>	Solenoid, 48-Volt (includes items 3 through 7)	1
3	<u>1012528</u>	Nut, M8-1.25 Hex	2
4	<u>1013734</u>	Lockwasher, 8mm Split	2
5	N/A	Solenoid, 48-Volt	1
6	N/A	Washer, Lock	2
7	N/A	Nut	2
8	<u>102240501</u>	Bolt, Controller, Terminal	3
9	<u>102296716</u>	Screw, M6 X 16 Tt Hx Fl Hd	11
10	<u>102298020</u>	Screw, K80x20, Torx Pn Hd Pt	1
11	<u>103367901</u>	Shield - Controller	1
12	<u>103403402</u>	Controller, 1515, 250A, Gray, Non-Std	1
13	<u>103639401</u>	Component Mounting Plate, Cast	1
14	<u>103978302</u>	Obc, Prec, B1, #4, V5.5	1
Note: Item 14 must be used with Crown and JCI brand batteries.			

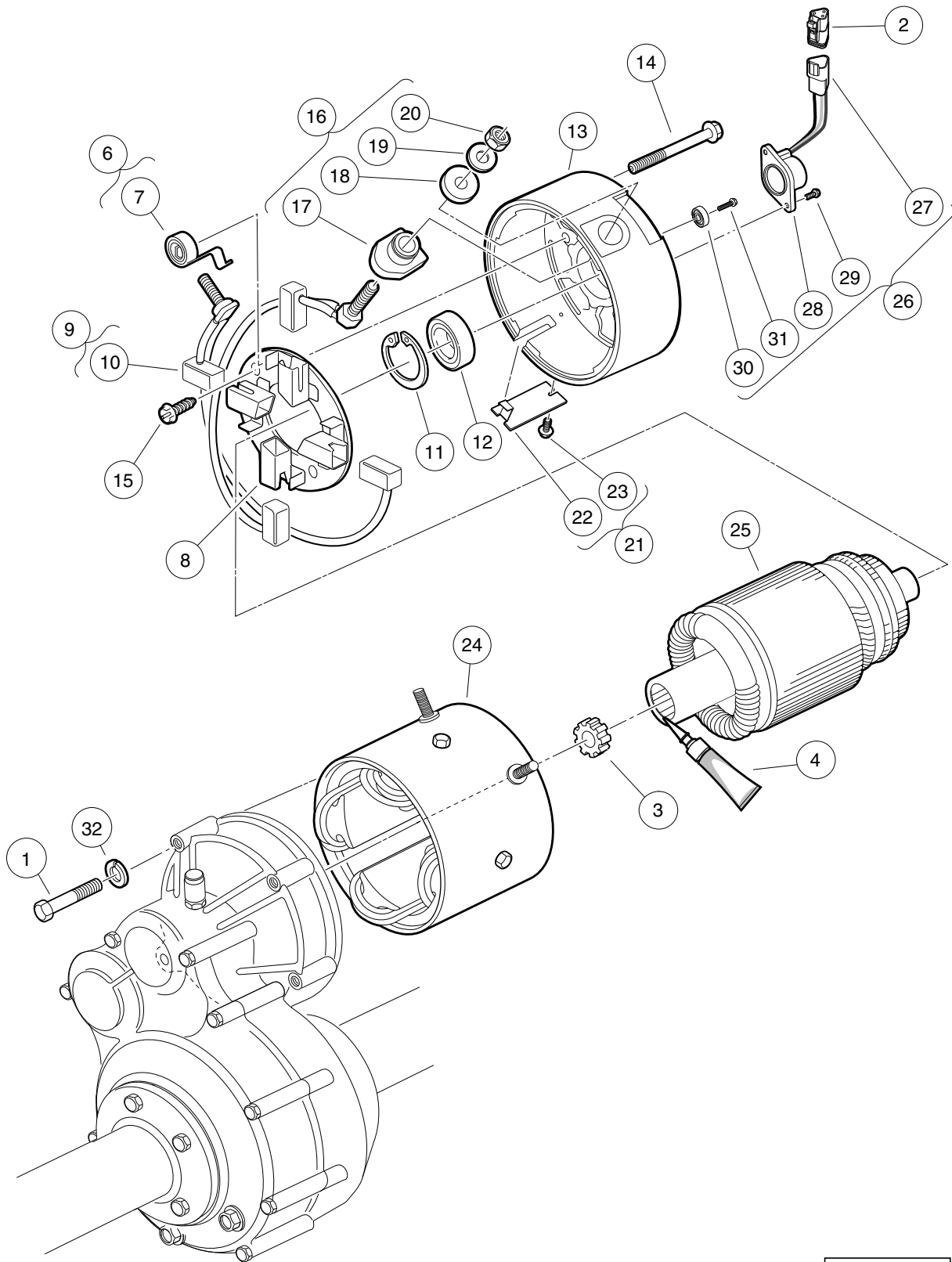
12

E

ELECTRIC MOTOR

13

E



000185-002

MOTOR (MODEL EJ8-4001A) – ELECTRIC VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1014201	Screw, 1/4-20 X 2.25 Hex Cap	3
2	<u>101920101</u>	Kit, 3-Pin Wedge Lock	1
3	<u>102235201</u>	Bumper, Drive Unit	1
4	<u>102243403</u>	Lubricant, Moly-Teflon (Single-Use Tube)	1
5	<u>103572501</u>	IQ Electric Motor, 48-VDC 3.3 hp (includes items 6 through 26)	1
6	<u>102186001</u>	Spring Kit, Motor Brush (includes item 7)	1
7	N/A	Spring, Brush, S-g	4
8	<u>102186101</u>	Brush Box Assembly	1
9	<u>102186201</u>	Brush Kit, Motor (includes item 10)	1
10	N/A	Assembly, Brush and Terminal	2
11	N/A	Ring, 2.24" Internal Retaining	1
12	<u>102186401</u>	Bearing, Ball	1
13	<u>102186701</u>	End Cap, Motor	1
14	N/A	Screw, 1/4-20 X 2.25 Hex-Head Washer	2
15	<u>102186901</u>	Screw, #8-32 X .5 Hex-Head	2
16	<u>102187101</u>	Hardware Kit, Motor Terminal (includes items 17 through 20)	2
17	N/A	Bushing, Nylon	2
18	N/A	Washer, Nylon Flat	2
19	N/A	Washer, Flat, 5/16 Steel	2
20	N/A	Nut, Brass Hex, 5/16 - 18	2
21	<u>102187201</u>	Plate Kit, Motor Cover (includes items 22 and 23)	1
22	N/A	Assembly, Cover Plate	1
23	N/A	Screw, #8-32 x 0.375, Taptite Thread	1
24	<u>102704701</u>	Frame and Field Assembly	1
25	<u>102704801</u>	Armature Assembly	1
26	<u>102704901</u>	Kit, Speed Sensor (includes items 27 through 31)	1
27	<u>101942301</u>	Kit, 3-Pin Wedge Lock	1
28	N/A	Sensor, Motor Speed, ADC	1
29	N/A	Screw, #8-32, Taptite Thread	2
30	N/A	Magnet, ADC Motor	1
31	N/A	Screw, 1/4-20 x 0.5	1
32	<u>451</u>	Lockwasher, 1/4 Split	3
Note: The F1 and F2 terminal posts on the EJ8-4001A motor have 1/4 - 20 thread.			

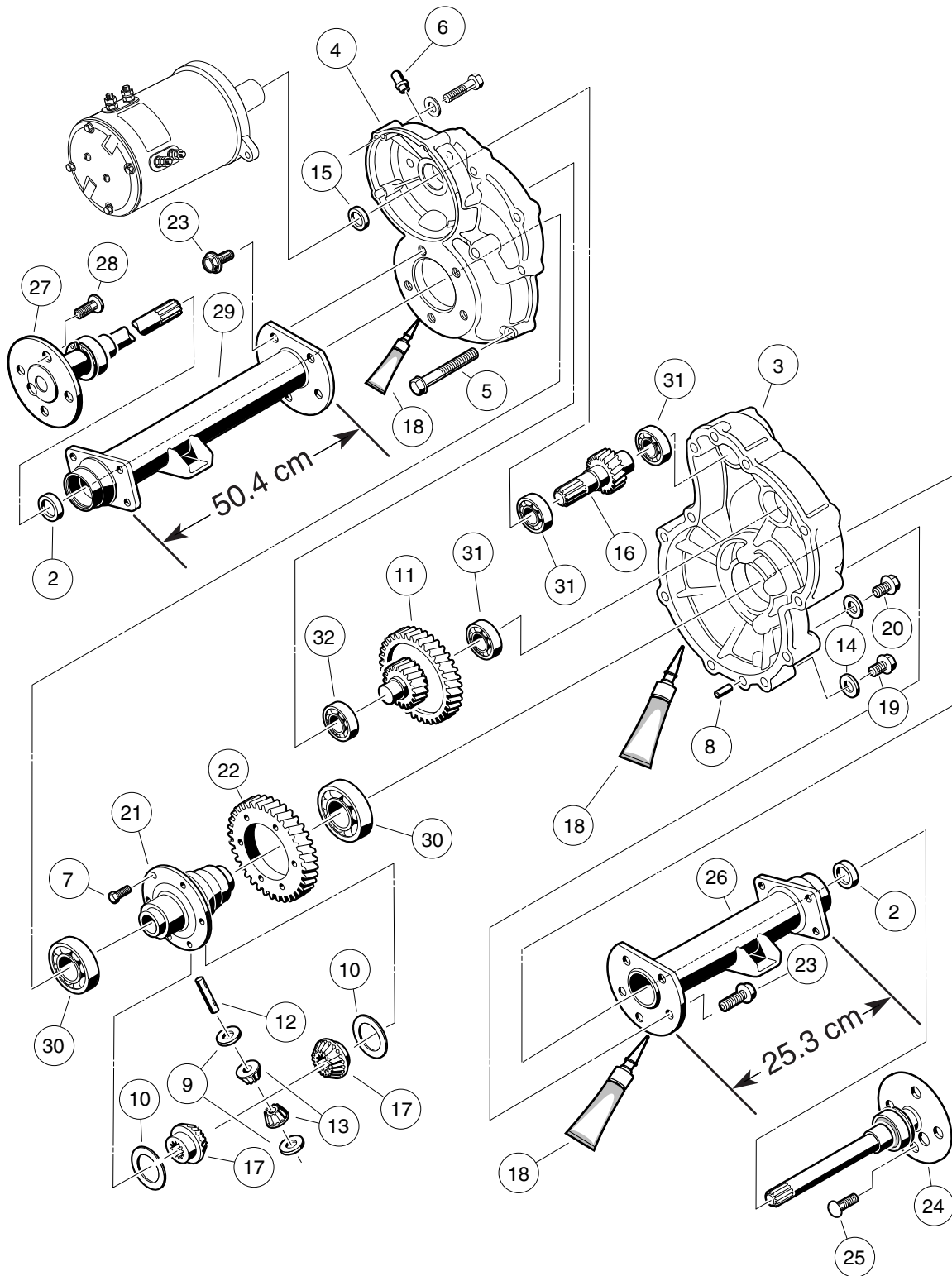
13

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TRANSAXLE – ELECTRIC VEHICLES

14

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000223-002

TRANSAXLE – ELECTRIC VEHICLES

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

14

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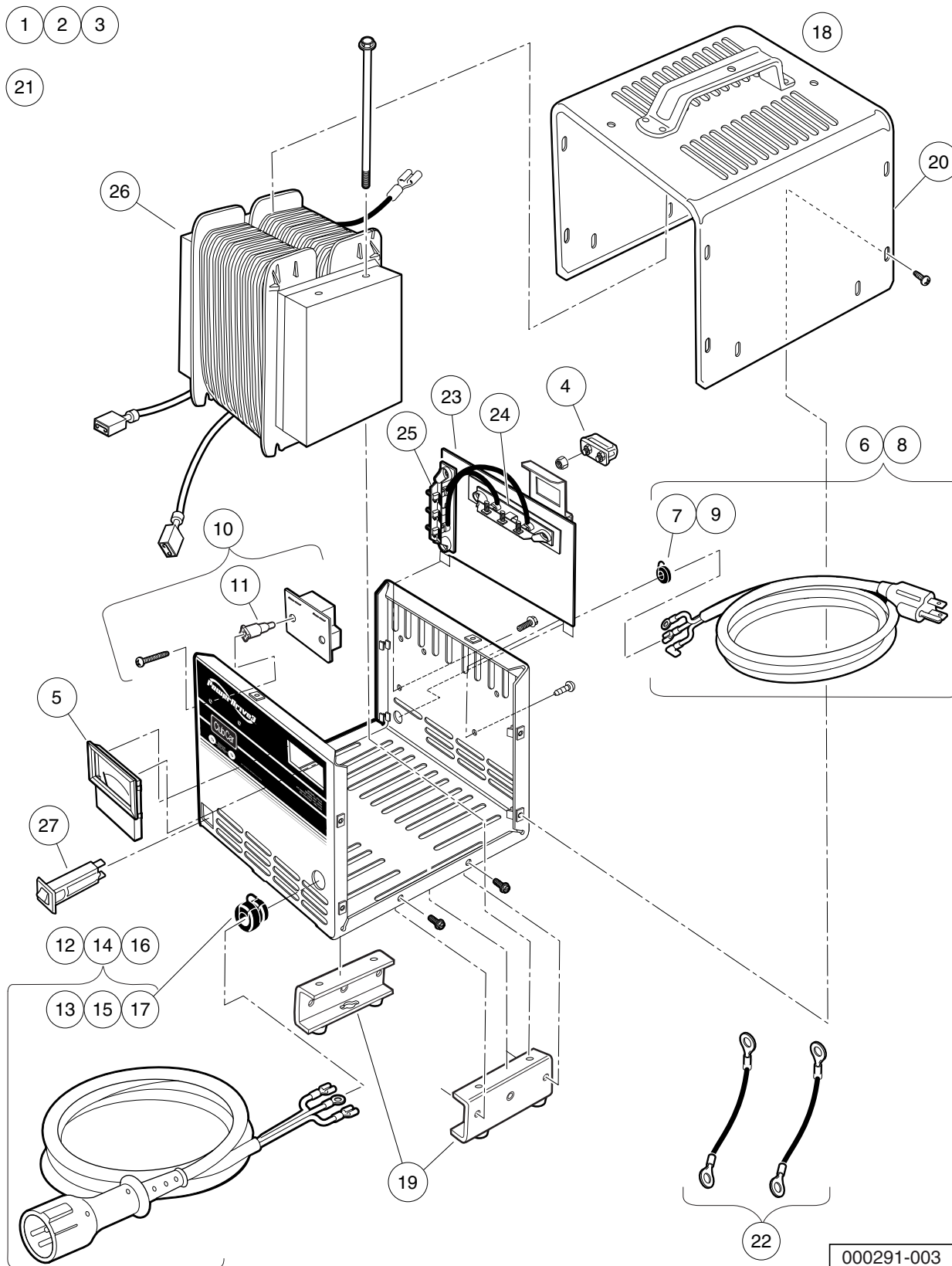
BATTERY CHARGERS

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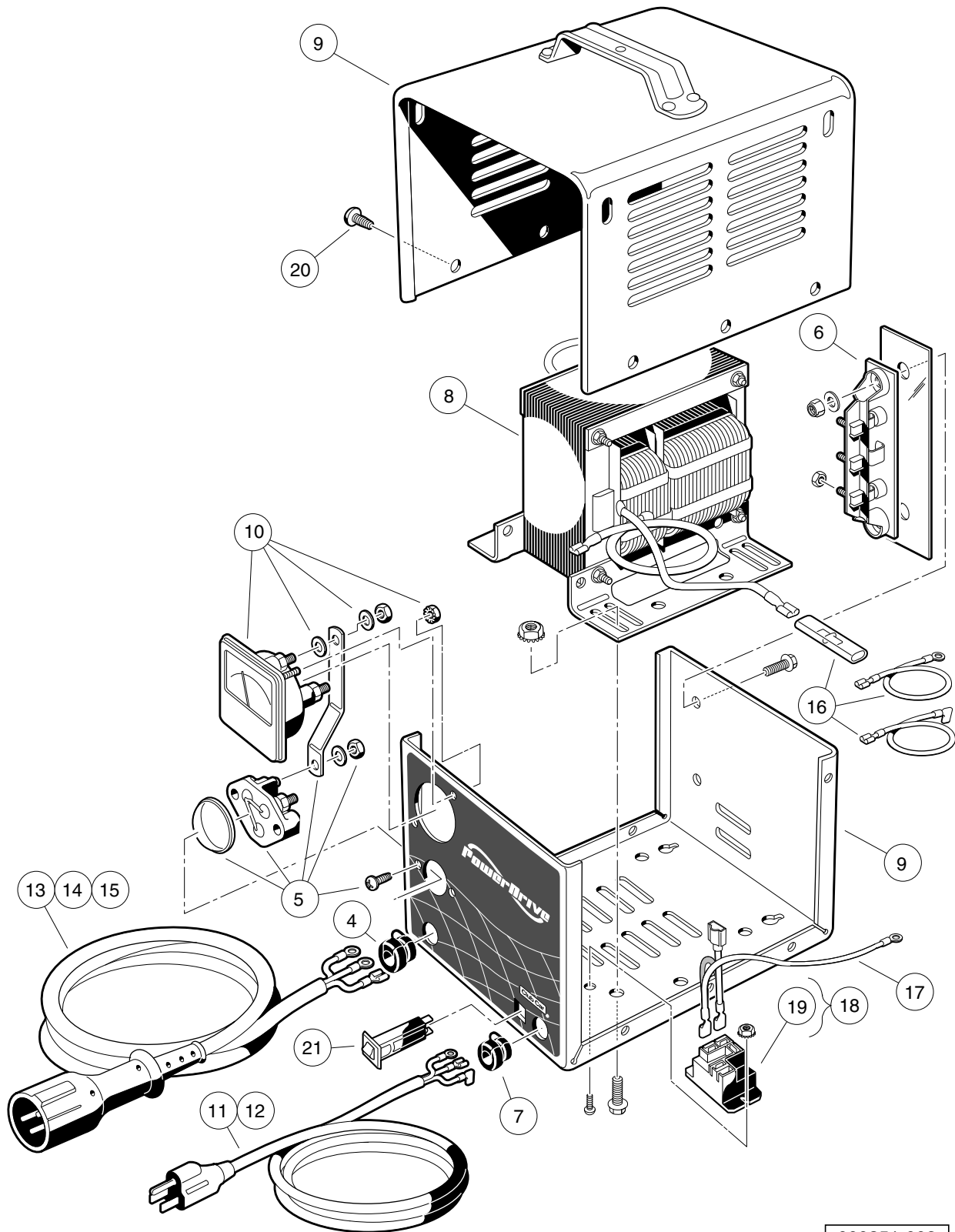
000291-003

POWERDRIVE 3 BATTERY CHARGER (MODELS 26580-31,-38,-39), DOMESTIC

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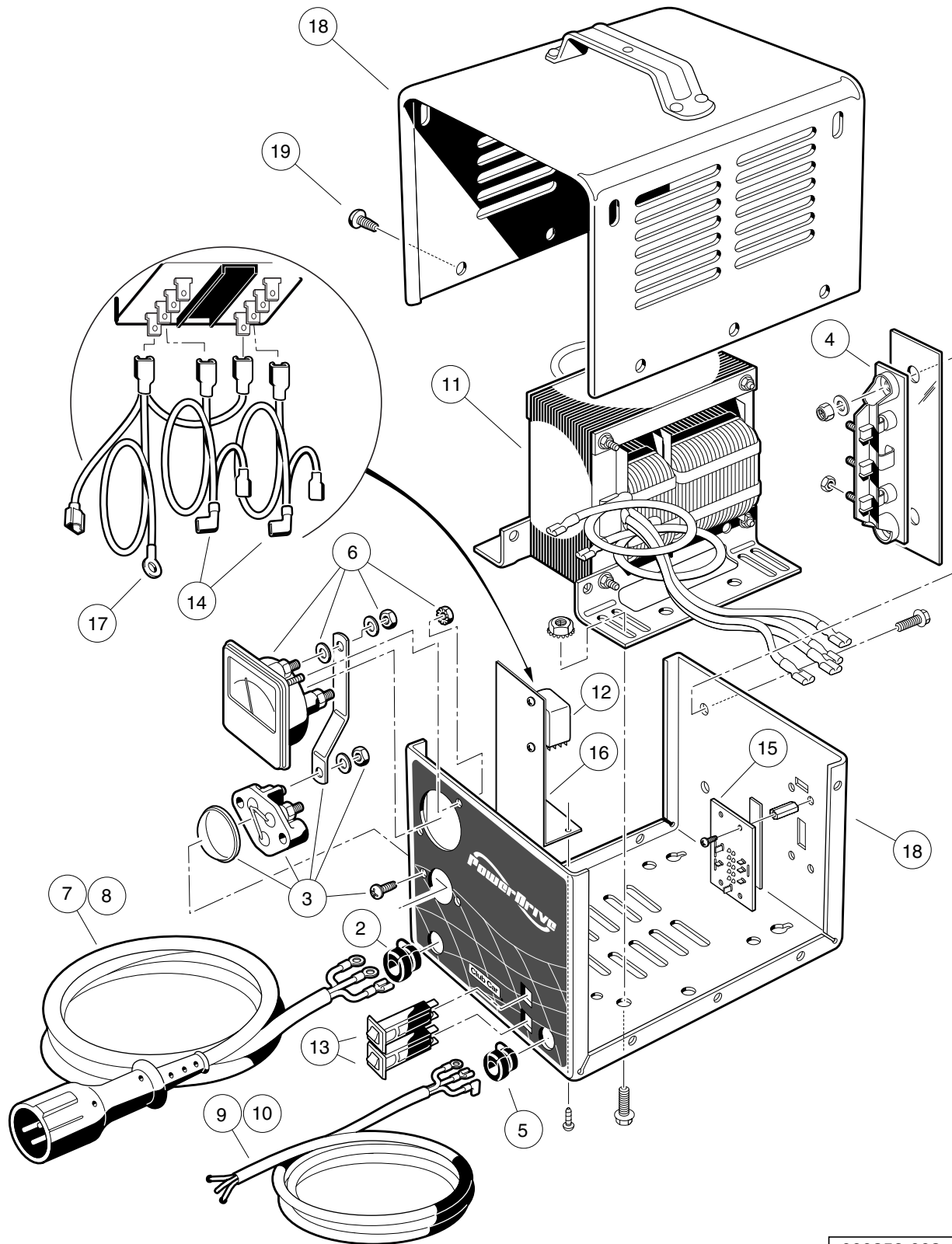


000351-002

POWERDRIVE BATTERY CHARGER (MODELS 17930-11,-18,-19), DOMESTIC

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>101802201</u>	Charger, PowerDrive, 48V/17A, 9ft DC, 6ft AC Cord	1
2	<u>101802202</u>	Charger, PowerDrive, 48V/17A, 12ft DC, 9ft AC Cord	1
3	<u>101802203</u>	Charger, PowerDrive, 48V/17A, 20ft DC, 9ft AC Cord (includes items 4 through 21)	1
4	<u>1012098</u>	Bushing, DC Cord	1
5	<u>1012101</u>	Fuse Assembly	1
6	<u>1015914</u>	Rectifier with Heatsink Assembly	1
7	<u>1015917</u>	Bushing, AC Cord	1
8	<u>101819701</u>	Transformer, Battery Charger	1
9	<u>101828301</u>	Case Assembly	1
10	<u>101828501</u>	Ammeter	1
11	<u>101828801</u>	Cord, AC, 80-Inch (203 cm)	1
12	<u>101828802</u>	Cord, AC, 108-Inch (274 cm)	1
13	<u>101828901</u>	Cord, DC, 113-Inch (287 cm)	1
14	<u>101828902</u>	Cord, DC, 154-Inch (391 cm)	1
15	<u>101828903</u>	Cord, DC, 250-Inch (635 cm)	1
16	<u>101831101</u>	Wire Assembly Kit	1
17	<u>101914401</u>	Assembly, Voltage Suppressor	1
18	<u>103414901</u>	Kit, Relay, 48v 30a W/instr (includes item 19)	1
19	<u>103397901</u>	Relay, Spst No, 48v 30a, Pmt	1
20	7577	Screw, #10 X 0.50 Phillips Pan-Head	10
21	<u>CCX8506</u>	Circuit Breaker, 15-Amp/120-Volt	1
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. Note 2: These chargers were discontinued early in model year 2013. Individual components remain available. To replace the charger, see PowerDrive 3 chargers on page 15-3.			

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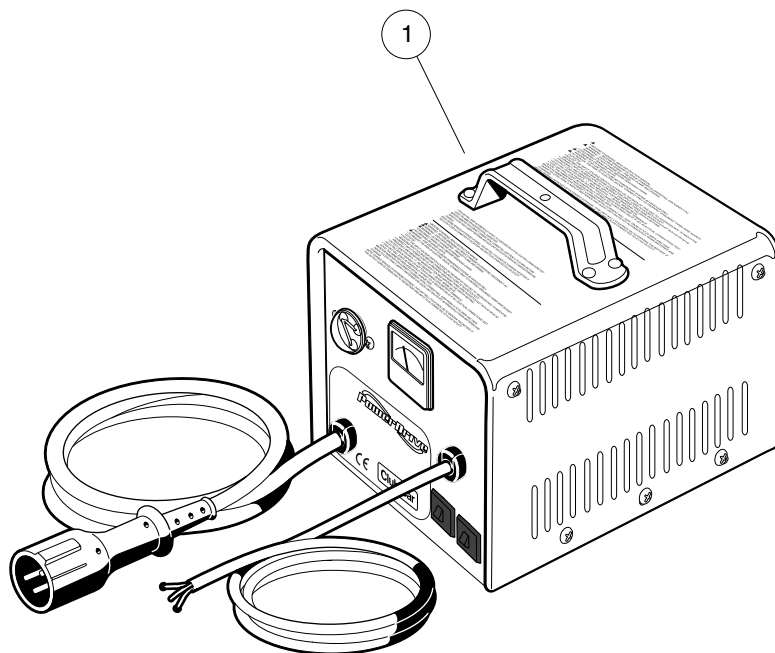
000352-003

POWERDRIVE BATTERY CHARGER (MODEL 18780-18), EXPORT

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	101831504	Battery Charger, 48-Volt DC (12-ft DC, 9-ft AC) (includes items 2 through 19)	1
2	<u>1012098</u>	Bushing, DC Cord	1
3	<u>1012101</u>	Fuse Assembly	1
4	<u>1015914</u>	Rectifier with Heatsink Assembly	1
5	<u>1015917</u>	Bushing, AC Cord	1
6	<u>101828501</u>	Ammeter	1
7	<u>101828901</u>	Cord, DC, 113-Inch (287 cm)	1
8	<u>101828902</u>	Cord, DC, 154-Inch (391 cm)	1
9	<u>101831701</u>	Cord, AC, 80-Inch (203 cm), without Plug	1
10	<u>101831702</u>	Cord, AC, 118-Inch (300 cm), without Plug	1
11	101838201	Transformer, Export Battery Charger	1
12	<u>101838301</u>	Relay, Export Charger	1
13	101838401	Circuit Breaker	2
14	101838501	Kit, Wire Assembly	1
15	101838601	Four-Position Switch	1
16	<u>101838701</u>	Mounting Bracket, Relay	1
17	101914401	Assembly, Voltage Suppressor	1
18	N/A	Case, Charger	1
19	7577	Screw, #10 X 0.50 Phillips Pan-Head	10
Note: Model 18780-18 Export charger (p/n 101831504) is the only Export charger available with a 12 foot DC cord. For Export charger with an 8.5 foot DC cord, see Model 27640-61 on next page. Note 2: 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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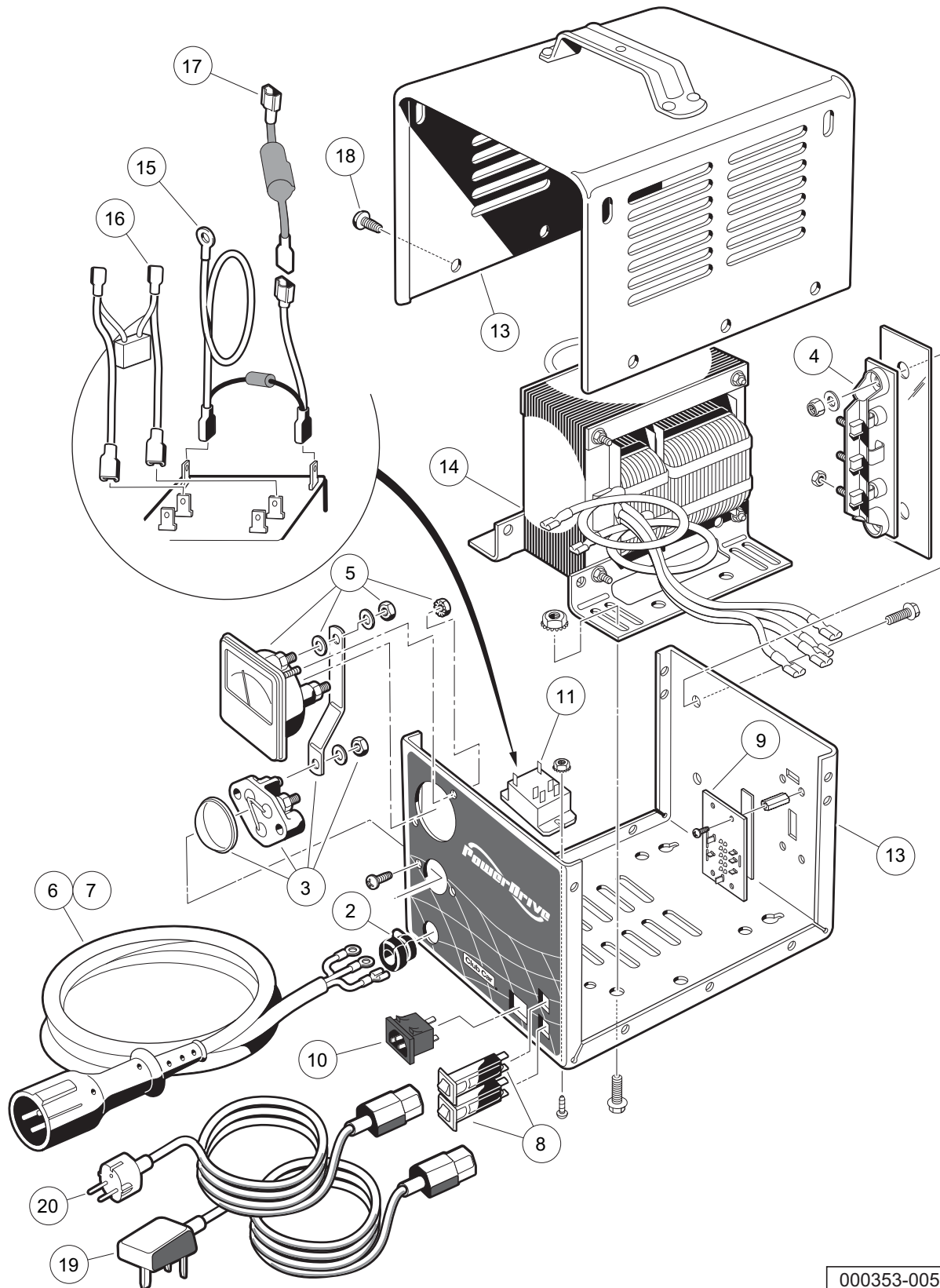
000352-002

POWERDRIVE BATTERY CHARGER (MODEL 27640-61), EXPORT

ITEM	PART NO.	DESCRIPTION	QTY
1	<u>103976801</u>	1 2 3 4 Battery Charger, Export, Stationary, 48VDC, 8.5ft DC, 6ft AC Cord Note: Model 27640-61 Export charger (p/n <u>103976801</u>) is the only Export charger available with an 8.5 foot DC cord. For Export charger with 12 foot DC cord, see Model 18780-18 on previous page. Note 2: Battery Charger	1

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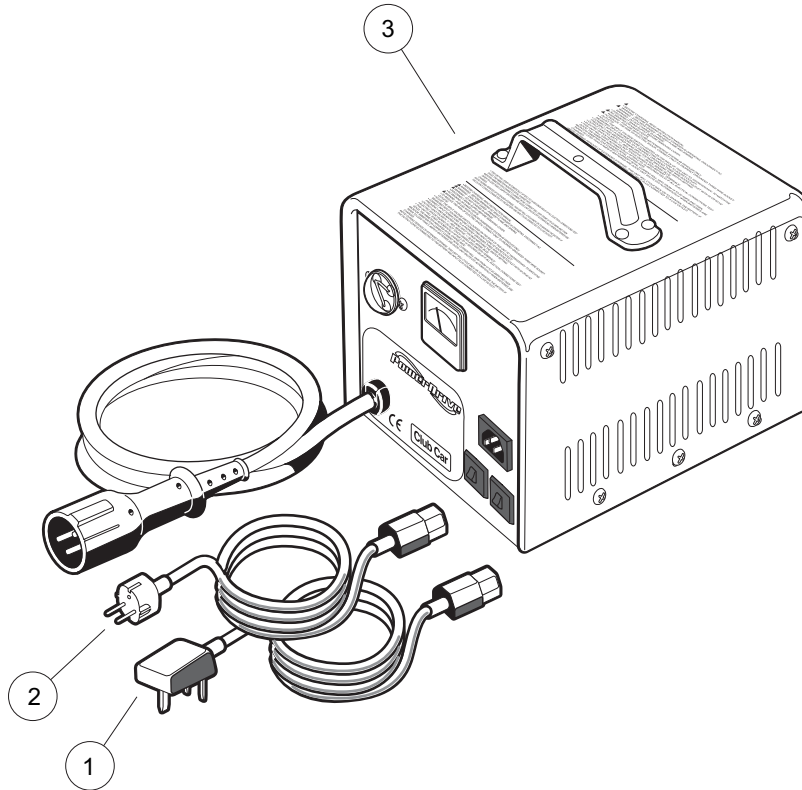
000353-005

POWERDRIVE BATTERY CHARGER (MODEL 20310-18), EUROPEAN

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>101956202</u>	Battery Charger, 48-Volt w/ 4-Pos. Switch (12-ft DC) (includes items 2 through 18)	1
2	<u>1012098</u>	Bushing, DC Cord	1
3	<u>1012101</u>	Fuse Assembly	1
4	<u>1015914</u>	Rectifier with Heatsink Assembly	1
5	<u>101828501</u>	Ammeter	1
6	<u>101828901</u>	Cord, DC, 113-Inch (287 cm)	1
7	<u>101828902</u>	Cord, DC, 154-Inch (391 cm)	1
8	101838401	Circuit Breaker	2
9	101838601	Four-Position Switch	1
10	101973501	Receptacle, AC Cord	1
11	<u>101987501</u>	Relay	1
12	N/A	Wire, Jumper	1
13	N/A	Case, Charger	1
14	****	Transformer, European Battery Charger	1
15	****	Suppressor, AC Voltage	1
16	****	Assembly, Wire	1
17	N/A	Limiter, Current	1
18	7577	Screw, #10 X 0.50 Phillips Pan-Head	10
19	<u>101958201</u>	Cord, UK, AC, Battery Charger	1
20	101958301	Cord, European AC, Battery Charger	1
**** Special order item available upon request. Note: Model 20310-18 European charger (p/n <u>101956202</u>) is the only European charger available with a 12 foot DC cord. For European charger with an 8.5 foot DC cord, see Model 27640-11 on next page. Note 2: 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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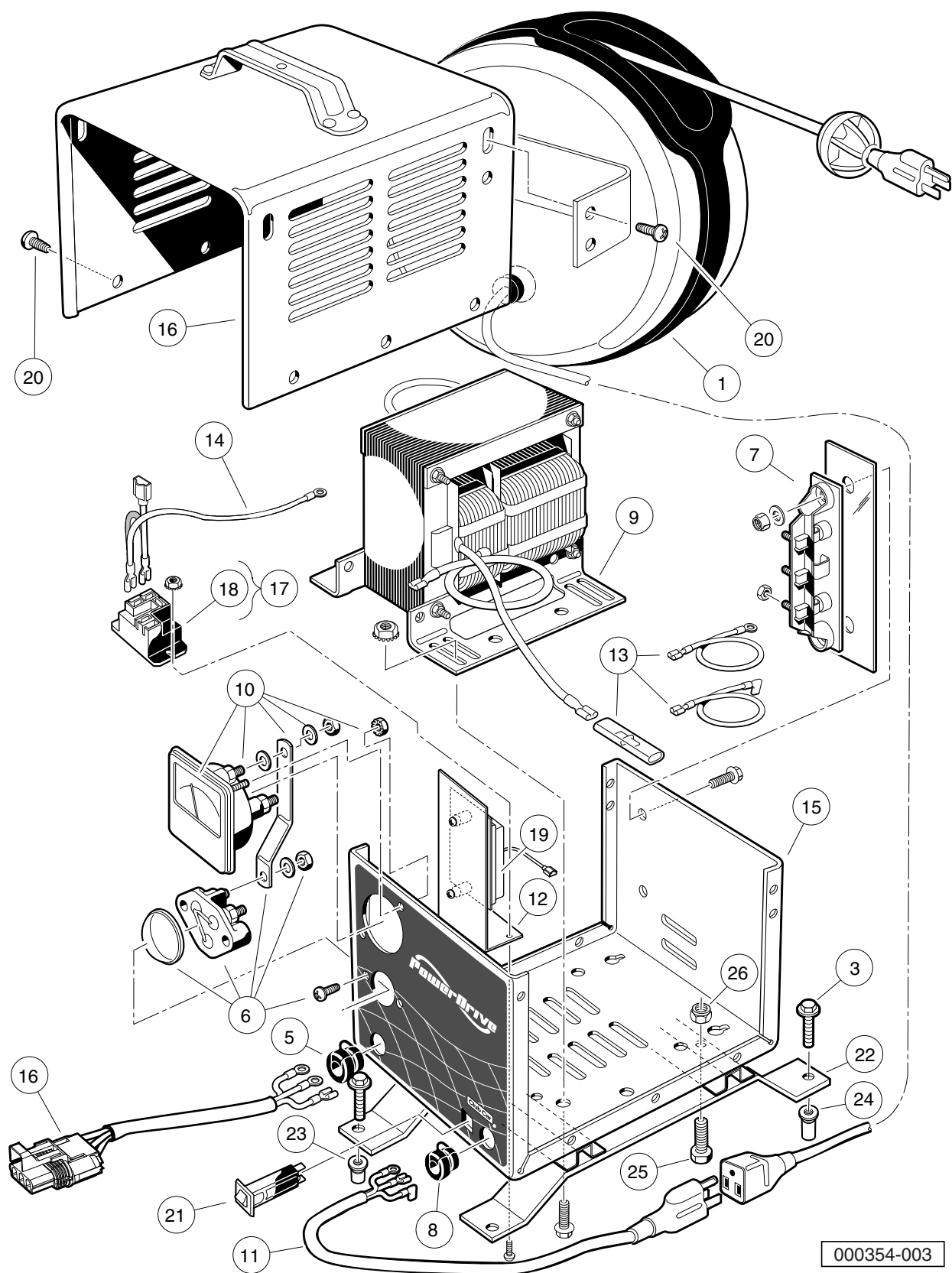
000353-004

POWERDRIVE BATTERY CHARGER (MODEL 27640-11), EUROPEAN

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>101958201</u>	Cord, UK, AC, Battery Charger	1
2	<u>101958301</u>	Cord, European AC, Battery Charger	1
3	<u>103976901</u>	Battery Charger, European, Stationary, 48VDC, 8.5ft DC Cord	1
Note: Model 27640-11 European charger (p/n <u>103976901</u>) is the only European charger available with an 8.5 foot DC cord. For European charger with 12 foot DC cord, see Model 20310-18 on previous page. Note 2: Battery Charger part number includes one AC and one DC cord.			

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ONBOARD POWERDRIVE BATTERY CHARGER (MODEL 17935-40), DOMESTIC

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1017187</u>	Retractable Cord Reel	1
2	<u>1017189</u>	Heat Shrink Tube 1.5" X 3"	1
3	<u>102541425</u>	Bolt, M6x1.0x25, Hex Flhd, Blk-I	4
4	<u>102546901</u>	Battery Charger, Onboard, PowerDrive, 48VDC, Domestic (includes items 5 through 21)	1
5	<u>1012098</u>	Bushing, DC Cord	1
6	<u>1012101</u>	Fuse Assembly	1
7	<u>1015914</u>	Rectifier with Heatsink Assembly	1
8	<u>1015917</u>	Bushing, AC Cord	1
9	<u>101819701</u>	Transformer, Battery Charger	1
10	<u>101828501</u>	Ammeter	1
11	<u>101829001</u>	Cord, AC, 22-Inch (56 cm)	1
12	<u>101838701</u>	Mounting Bracket, Relay	1
13	<u>101841701</u>	Kit, Wire Assembly	1
14	<u>101914401</u>	Assembly, Voltage Suppressor	1
15	N/A	Case, Charger	1
16	<u>102940801</u>	Cord, Dc	1
17	<u>103414901</u>	Kit, Relay, 48v 30a W/instr (includes item 18)	1
18	<u>103397901</u>	Relay, Spst No, 48v 30a, Pmt	1
19	<u>103869401</u>	Control Board, Potted	1
20	<u>7577</u>	Screw, #10 X 0.50 Phillips Pan-Head	12
21	<u>CCX8506</u>	Circuit Breaker, 15-Amp/120-Volt	1
22	<u>102547201</u>	Charger Support, Prec	2
23	<u>102551701</u>	Insert M6x1.0	2
24	<u>103339901</u>	Insert M6x1.0 Long	2
25	<u>7847</u>	Screw, 1/4-20 X 0.75 Hex-Head Cap	4
26	<u>8233</u>	Locknut, 1/4-20, Nylon Insert	4
27	<u>8990</u>	Tie Wrap, 8" Nylon	2
Note: Items 2 and 27 not shown. Note 2: For wire harness connecting charger to vehicle, see Electrical System section.			

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ONBOARD POWERDRIVE BATTERY CHARGER (MODEL 17790-40), INTERNATIONAL

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1017187</u>	Retractable Cord Reel	1
2	<u>1017189</u>	Heat Shrink Tube 1.5" X 3"	1
3	<u>102541425</u>	Bolt, M6x1.0x25, Hex Flhd, Blk-I	4
4	<u>102546902</u>	Battery Charger, Onboard, PowerDrive, 48VDC, International (includes items 5 through 21)	1
5	<u>1012098</u>	Bushing, DC Cord	1
6	<u>1012101</u>	Fuse Assembly	1
7	<u>1015914</u>	Rectifier with Heatsink Assembly	1
8	<u>1015917</u>	Bushing, AC Cord	1
9	<u>101828501</u>	Ammeter	1
10	<u>101829001</u>	Cord, AC, 22-Inch (56 cm)	1
11	<u>101838201</u>	Transformer, Export Battery Charger	1
12	<u>101838301</u>	Relay, Export Charger	1
13	<u>101838401</u>	Circuit Breaker	2
14	<u>101838601</u>	Four-Position Switch	1
15	<u>101838701</u>	Mounting Bracket, Relay	1
16	****	Kit, Wire Assembly	1
17	<u>101914401</u>	Assembly, Voltage Suppressor	1
18	N/A	Case, Charger	1
19	<u>102940801</u>	Cord, Dc	1
20	<u>103869401</u>	Control Board, Potted	1
21	<u>7577</u>	Screw, #10 X 0.50 Phillips Pan-Head	12
22	<u>102547201</u>	Charger Support, Prec	2
23	<u>102551701</u>	Insert M6x1.0	2
24	<u>103339901</u>	Insert M6x1.0 Long	2
25	<u>7847</u>	Screw, 1/4-20 X 0.75 Hex-Head Cap	4
26	<u>8233</u>	Locknut, 1/4-20, Nylon Insert	4
27	<u>8990</u>	Tie Wrap, 8" Nylon	2
**** Special order item available upon request. Note: Items 2 and 27 not shown. Note 2: For wire harness connecting charger to vehicle, see Electrical System section.			

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MAINTENANCE AND SERVICE TOOLS

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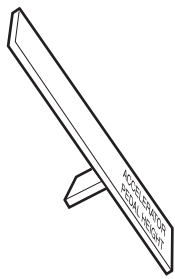
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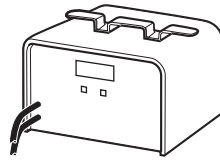
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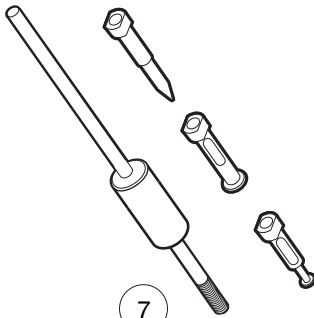
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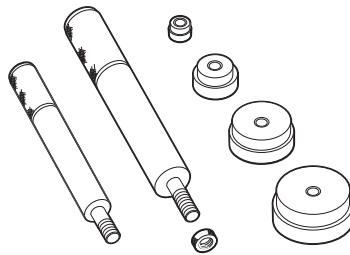
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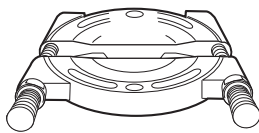
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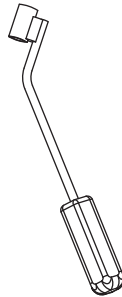
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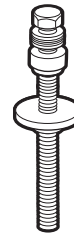
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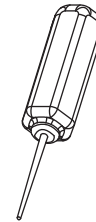
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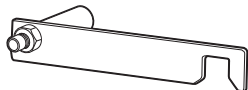
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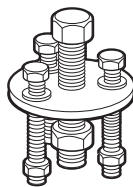
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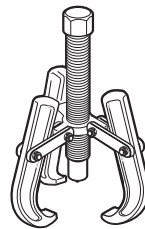
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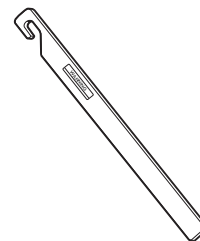
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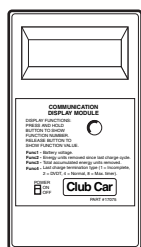
MAINTENANCE AND SERVICE TOOLS – GOLF

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC	16 G E
		1 2 3 4 The following tool list includes all tools available from Club Car for maintenance and service procedures for gasoline and electric golf cars, both past and present models. Be sure to carefully examine the tool list for applicability to your vehicle before ordering.			
1	<u>101871001</u>	Accelerator Pedal Adjustment Tool	1	1	
2	<u>101813202</u>	Adhesive, Guide Ring, 3-Gram Tube		1	
3	<u>101641202</u>	Arbor	1		
4	<u>101831901</u>	Battery Discharge Machine, 36/48 Volt		1	
5	<u>1014305</u>	Battery Terminal Protector Spray	1	1	
6	<u>1011767</u>	Battery Thermometer	1	1	
7	<u>1016417</u>	Bearing and Oil Seal Remover Assembly	1	1	
8	<u>1016416</u>	Bearing Driver Set	1	1	
9	<u>1012811</u>	Bearing Puller	1	1	
10	<u>1012812</u>	Bearing Puller Wedge Attachment	1	1	
11	<u>102555501</u>	Brake Cable Release Tool	1	1	
12	<u>101887101</u>	Calibration Test Module		1	
13	<u>101808401</u>	Cam Installation Tool	1		
14	<u>102562401</u>	Charger Bezel Tool		1	
15	<u>1014510</u>	Clutch Tool Kit (includes items 16 - 22)	1		
16	<u>1014498</u>	Clutch Alignment Tool (for pre-unitized transaxle vehicles built prior to 1997 model year)	1		
17	<u>1014496</u>	Drive Clutch Puller (for Kawasaki engines only)	1		
18	<u>1014497</u>	Drive Clutch Hub Puller (for Kawasaki engines only)	1		
19	<u>1014508</u>	Driven Clutch Cam Puller (for Kawasaki engines only)	1		
20	<u>1014507</u>	Driven Clutch Puller Plug (for Kawasaki engines only)	1		
21	<u>1015524</u>	Drive Clutch Holder Tool Assembly (for Kawasaki engines only)	1		
22	<u>101809101</u>	Press Weldment (for Kawasaki engines only)	1		
		Please refer to the maintenance and service manual for proper tool application.			

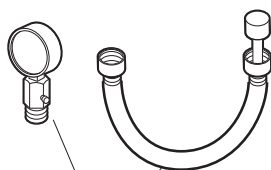
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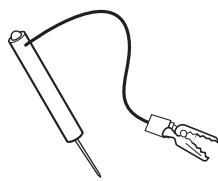
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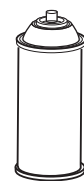
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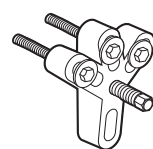
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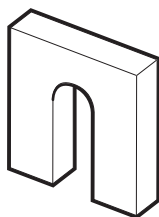
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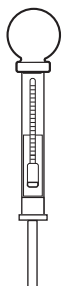
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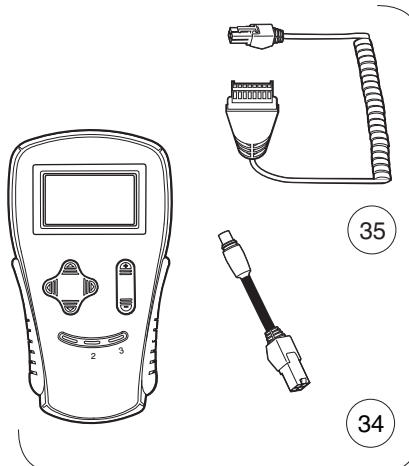
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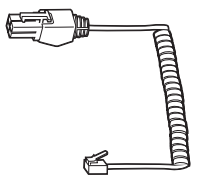


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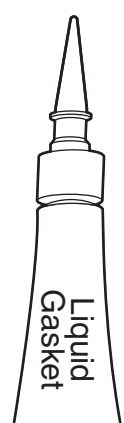
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MAINTENANCE AND SERVICE TOOLS – GOLF, CONTINUED

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC	16 G E
		1 2 3 4			
23	101831801	Communication Display Module		1	
24	101641002	Compression Gauge and Adapter	1		
25	1011273	Continuity Tester	1	1	
26	1012151	Dry Moly Lubricant	1	1	
27	1016627	Flywheel Puller Kit (for Kawasaki Engines)	1		
28	1016418	Gear Yoke	1	1	
29	101933101	Governor Shaft Installation Tool (for Kawasaki Engine Vehicles)	1		
30	1011478	Hydrometer	1	1	
31	1013593	Internal Retaining Ring Pliers	1	1	
32	102248803	IQ Display Module (IQDM) Kit (IQ System, Excel and IQ Plus vehicles) (includes items 34 and 35)		1	
33	102248804	IQ Display Module (IQDM-P) Kit (IQ System, Excel and IQ Plus vehicles)..... (includes items 34 and 35)		1	
34	102251501	Adaptor, Cable		1	
35	102241502	IQDM Series 2 Cable		1	
36	102241501	IQDM Series 1 Cable (replacement)		1	
37	101928701	Liquid Gasket (transaxle case)	1	1	
38	102243402	Moly-Teflon Lubricant (4-oz. (113-gram) tube)		1	
39	101997201	Paint, Touch-Up – Beige*	1	1	
39	101997207	Paint, Touch-Up – Black*	1	1	
39	101997212	Paint, Touch-Up – Burgundy*	1	1	
39	101997211	Paint, Touch-Up – Classic Blue (Navy)*	1	1	
39	101997205	Paint, Touch-Up – Dark Gray*	1	1	
39	101997209	Paint, Touch-Up – Dark Green*	1	1	
39	101997204	Paint, Touch-Up – Gray*	1	1	
39	101997203	Paint, Touch-Up – Red*	1	1	
39	101997206	Paint, Touch-Up – Royal Blue (Pacific Blue)*	1	1	
39	101997202	Paint, Touch-Up – White*	1	1	
40	102562301	Paint, Precedent Underbody – Gray	1	1	
41	102587201	Paint Pen, Touch-Up, Precedent Underbody – Black	1	1	
		 Please refer to the maintenance and service manual for proper tool application.			
		 * Item 39 is not for use on Surlyn® body material, which is used on Precedent vehicles.			

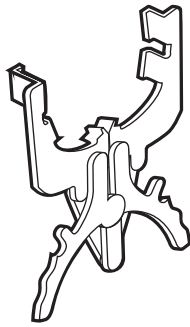
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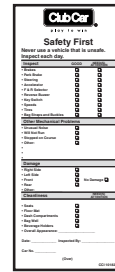
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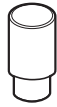
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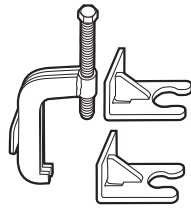
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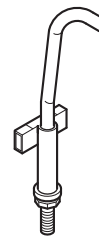
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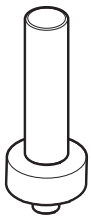
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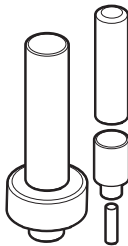
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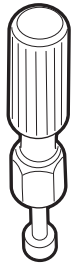
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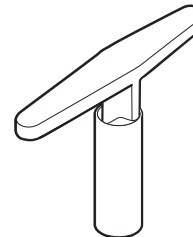
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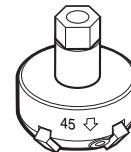
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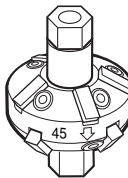
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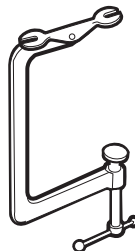
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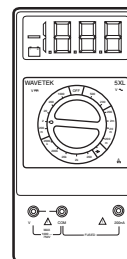
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000969-001

MAINTENANCE AND SERVICE TOOLS – GOLF, CONTINUED

ITEM	PART NO.	DESCRIPTION	QTY GAS	QTY ELEC	16 G E
		1 2 3 4			
42	<u>1016414</u>	Piston Ring Compressor Kit (FE290, FE350 and FE400 engines)	1		
43	<u>1016415</u>	Piston Ring Pliers (for Kawasaki Engines)	1		
44	<u>1012549</u>	Retaining Ring Pliers, 45° External	1	1	
45	<u>1012560</u>	Retaining Ring Pliers, 90° Internal	1	1	
46	<u>101823101</u>	Safety First Card (50 per pack)	1	1	
47	<u>1012809</u>	Seal Puller	1	1	
48	<u>1014264</u>	Steering Column Bearing Press Tool	1	1	
49	<u>1014259</u>	Steering Column Retaining Ring Tool	1	1	
50	<u>102061201</u>	Steering Wheel Puller Tool	1	1	
51	<u>AM10753</u>	Tachometer (includes gasoline engine pick up lead only)	1		
52	<u>102570401</u>	Tool, Tensioning, Starter Generator (For Precedent vehicles)	1		
53	<u>1014162</u>	Transaxle Axle Seal Tool	1		
54	<u>1014161</u>	Transaxle Pinion Seal Tool	1		
55	<u>1014115</u>	Transmission Tool Kit	1		
56	<u>101611003</u>	Tune-Up Kit, DS (for FE290/350 Engines) (includes air filter, spark plug, oil filter, fuel filters) (not shown)	1		
57	<u>AM1220301</u>	Tune-Up Kit, Precedent (for FE290/350 Engines) (includes air filter, spark plug, oil filter, fuel filters) (not shown)	1		
58	<u>1016413</u>	Valve Clearance Adjuster Screw Holder (for FE290 engines only)	1		
59	<u>101641201</u>	Valve Guide Reamer (FE290, FE350, and FE400 only)	1		
60	<u>1016552</u>	Valve Seat Cutter Guide	1		
61	<u>1016551</u>	Valve Seat Cutter T-Wrench	1		
62	<u>1016553</u>	Valve Seat Cutter, 45° (32 mm diameter) (for FE290 engines only)	1		
63	<u>1016554</u>	Valve Seat Cutter, 45°/30° (35 mm diameter)	1		
64	<u>101641101</u>	Valve Spring Compressor	1		
65	<u>1011480</u>	Volt Ohm Meter	1	1	
		Please refer to the maintenance and service manual for proper tool application.			

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