



2004 Precedent Illustrated Parts List



**Precedent and Precedent Villager 4
Gasoline and Electric Vehicles**

Manual Number 102397510
Edition Code 1203H0408G

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 2005 and 2006 Club Car® Precedent® Professional and Champion vehicles.

The manual is divided into 17 sections. Sections 1 through 5 pertain to both gasoline and electric vehicles, sections 6 through 12 pertain to gasoline vehicles only, sections 13 through 16 pertain to electric vehicles only, and section 17 pertains to tools that are used on all Club Car products. 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 either the letter G or E, signifying that the page pertains to either the gasoline or electric vehicle only, or to both the gasoline and electric 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, Inc. is continually working to further improve its vehicles and other products. These improvements may affect the parts used to service the vehicle. Any modification and/or significant change in specifications will be forwarded to all Club Car and Carryall distributors/dealers and will, when applicable, appear in future editions of this illustrated parts list.*

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

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2004 Precedent Golf Cars and Precedent Villager 4 Illustrated Parts List

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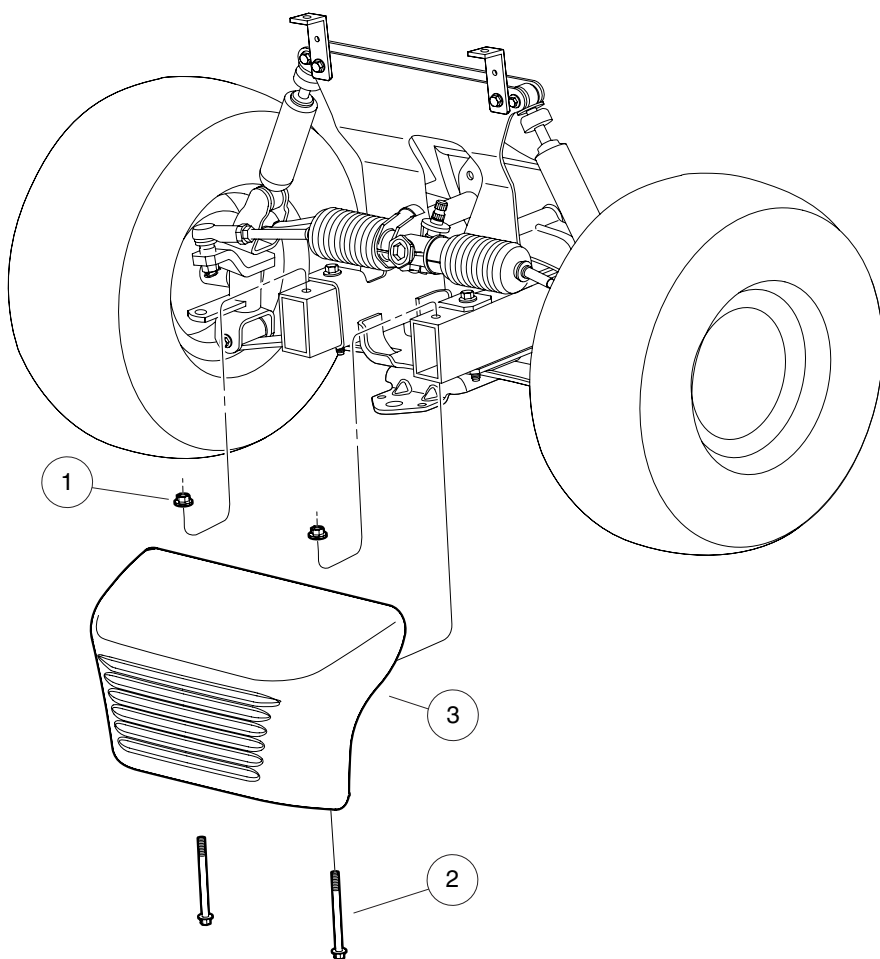
SECTION i – INDEX

BODY AND TRIM

1

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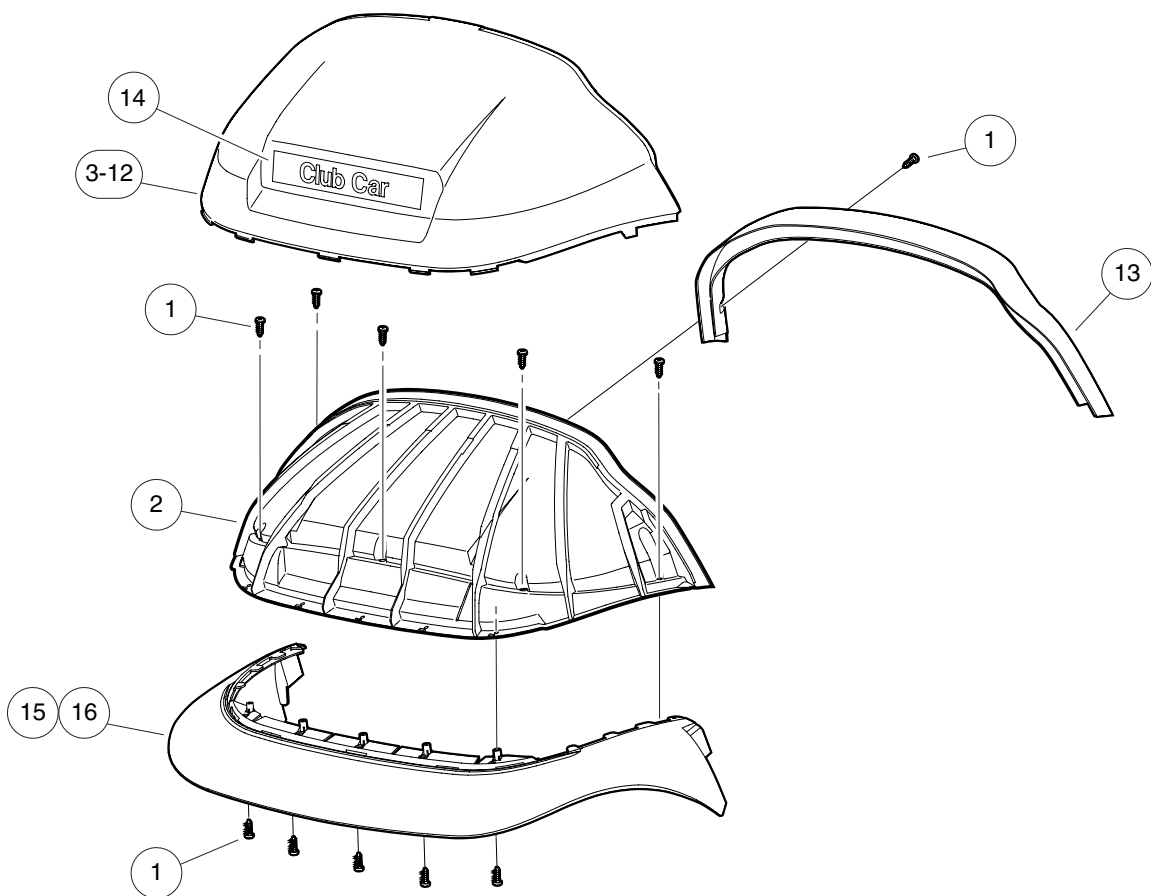
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000437-001

FRONT BUMPER

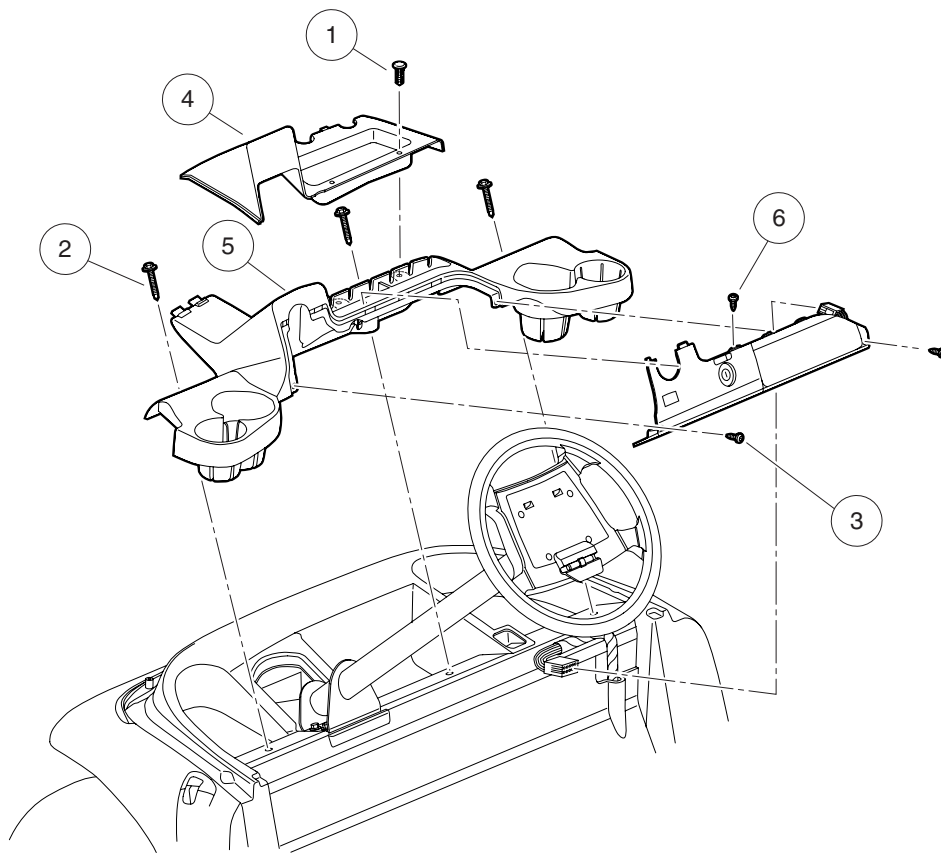
ITEM	PART NO.	DESCRIPTION	QTY
1	<u>102298401</u>	Nut,m8,all Metal Lock	2
2	<u>102534201</u>	Bolt - Fl Hd, M8 X 95	2
3	<u>103330601</u>	Asm, Bumper, Front, Precedent	1



000434-001

FRONT BODY

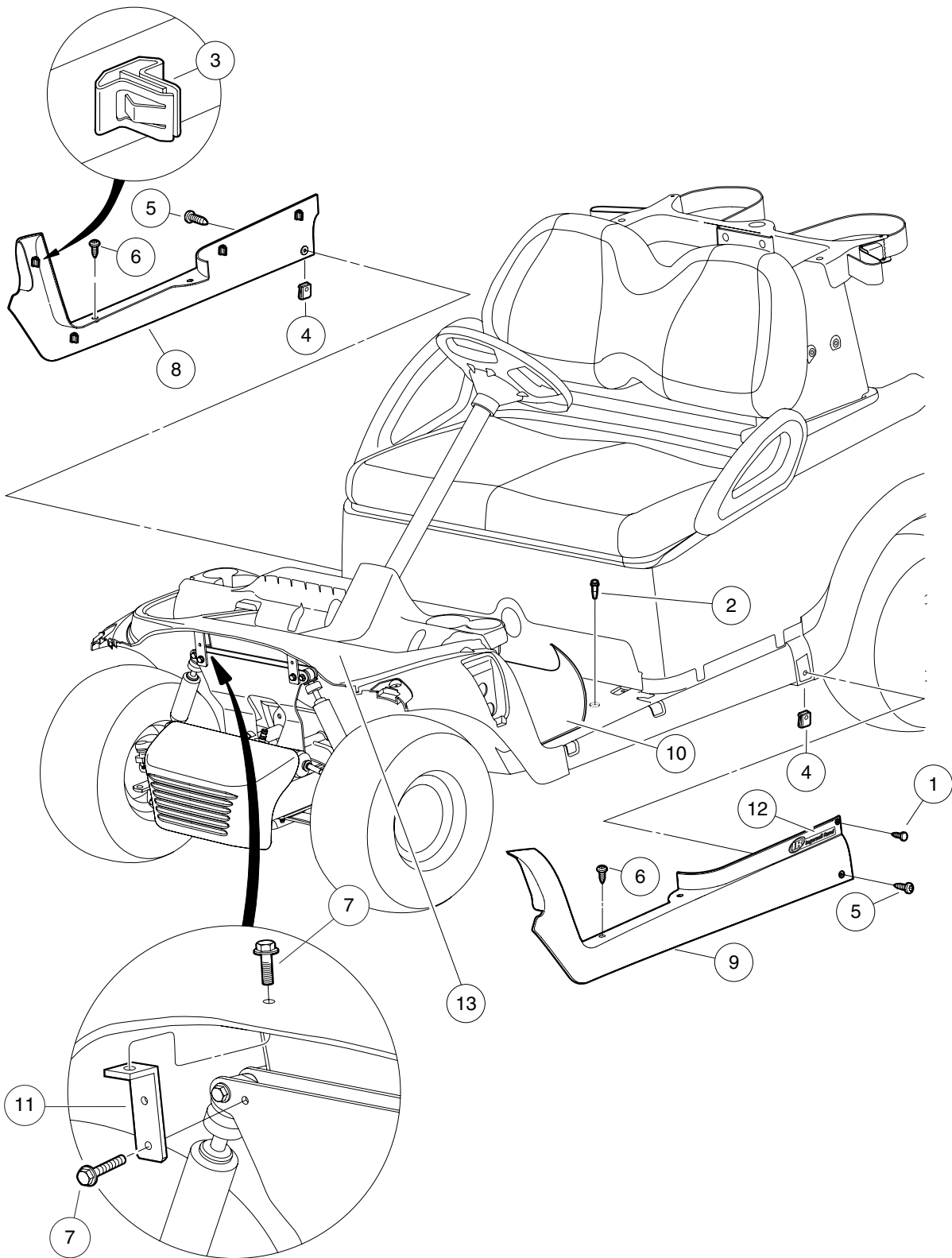
ITEM	PART NO.	DESCRIPTION	QTY	1 G E
		1 2 3 4		
1	<u>102296020</u>	Screw, Torx Pan Hd Pt, M6 X 20	14	
2	<u>102501501</u>	Brow	1	
3	<u>102502401</u>	Panel, Beauty Front, White	1	
4	<u>102502402</u>	Panel, Beauty Front, Beige	1	
5	<u>102502404</u>	Panel, Beauty Front, Gray	1	
6	<u>102502405</u>	Panel, 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	A/R	
13	<u>102502501</u>	Brow Cap	1	
14	<u>102502601</u>	Nameplate - Cs	1	
15	<u>102534403</u>	Fascia, Grey	1	
16	<u>102534404</u>	Fascia, Blk	1	



000438-001

DASH – STYLE A

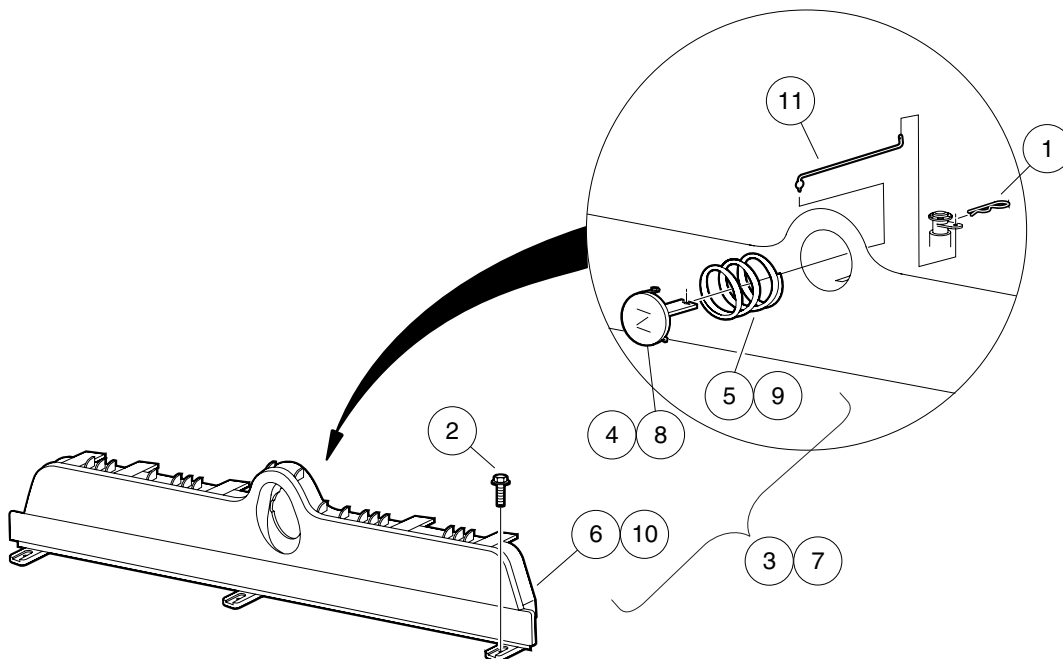
ITEM	PART NO.	DESCRIPTION	QTY	1 G E
1	<u>1010434</u>	1 2 3 4 Barrel - Plastic	2	
2	<u>102292356</u>	Screw-1/4-20x56 Hwh Self Drill	3	
3	<u>102296819</u>	Screw-m6 X 19-pnhd Ab	2	
4	<u>102380401</u>	Dash, Tray	1	
5	<u>102523101</u>	Dash Assembly	1	
6	<u>102557201</u>	Screw, #6-20 Type Abx1.00 Pan	1	
Note: Dash-style A should be used with front underbody-style A only. Underbody-style A is no longer available as a service part. If underbody needs to be replaced as well, order underbody-style B and dash-style B.				



000497-001

FLOOR MAT, RETAINER, AND FRONT UNDERBODY – STYLE B

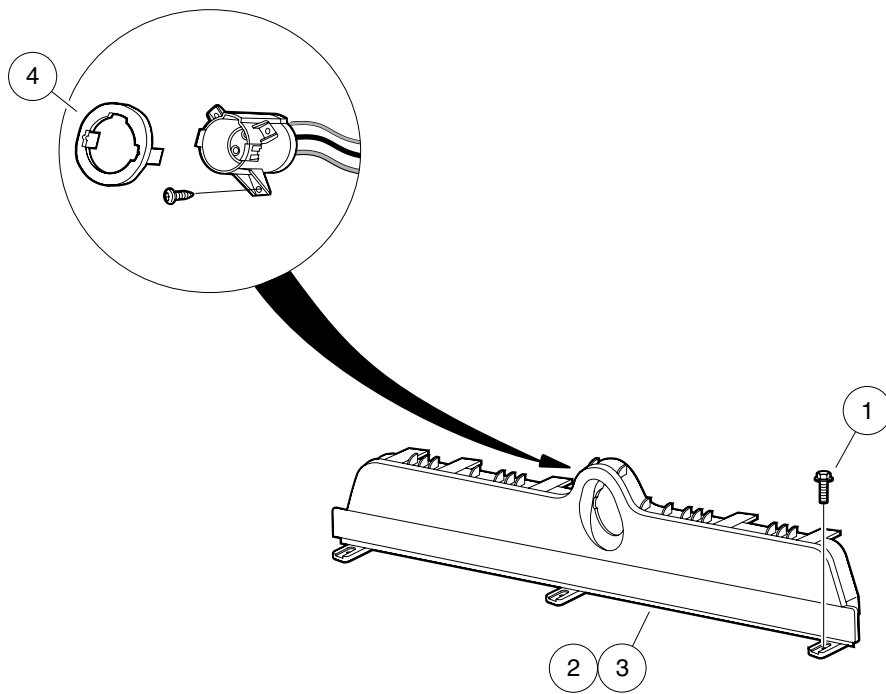
ITEM	PART NO.	DESCRIPTION	QTY	1 G E
		1 2 3 4		
1	<u>1010434</u>	Barrel - Plastic	2	
2	<u>102292356</u>	Screw-1/4-20x56 Hwh Self Drill	3	
3	<u>102292701</u>	Clip-body-trim	8	
4	<u>102296601</u>	U-nut, M6-1.0 Prev Torque	2	
5	<u>102296920</u>	Screw, M6 Torx Bttn Hd Sems	2	
6	<u>102298020</u>	Screw, K80x20, Torx Pn Hd Pt	4	
7	<u>102298716</u>	M8-1.25x16 Taptite	4	
8	<u>102302504</u>	Retainer Asm-floormat Rh, Blk	1	
9	<u>102302604</u>	Retainer Asm-floormat Lh, Blk	1	
10	<u>102504802</u>	Floormat, Precedent	1	
11	<u>102521901</u>	Bracket-clamshell	2	
12	<u>102523901</u>	Decal, IR/Club Car	2	
13	****	Asm-front Underbody, Black	1	
**** Special order item available upon request. Note: Underbody-style B should be used with dash-style B only.				



000501-001

KICK PLATE – GASOLINE VEHICLE

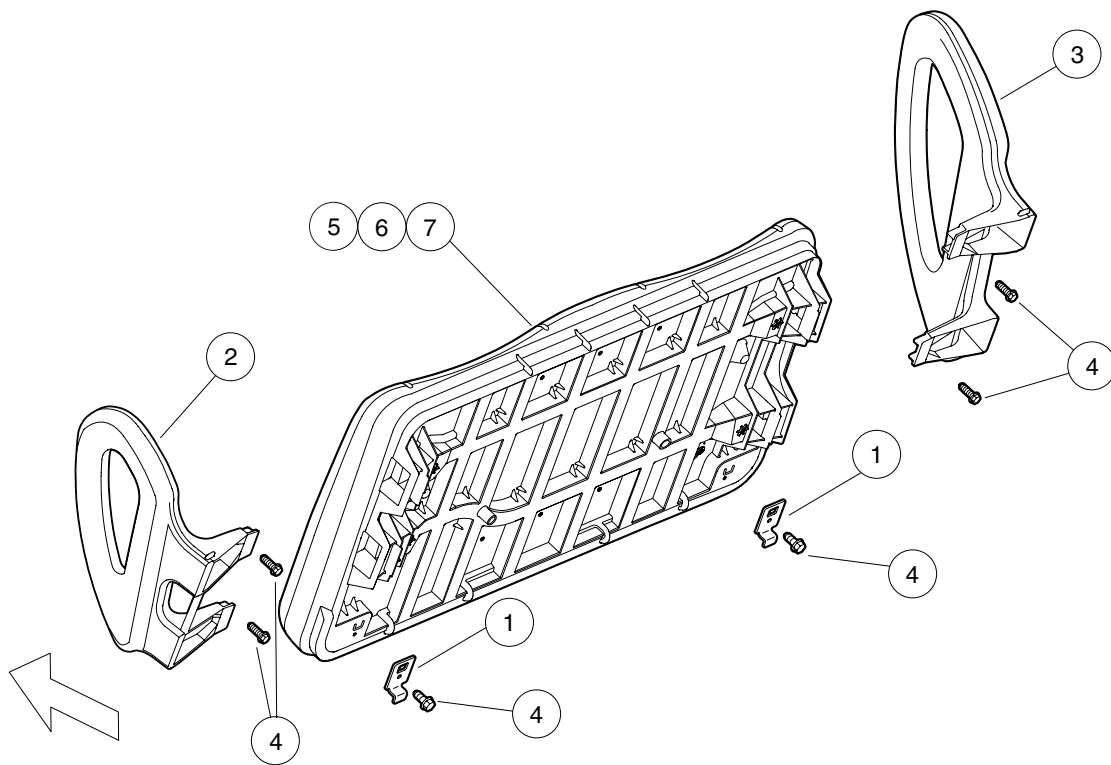
ITEM	PART NO.	DESCRIPTION	QTY	1 G E
		1 2 3 4		
1	<u>1014413</u>	Pin, Hair Spring Cotter	1	
2	102298030	Screw, K80x30, Torx Pn Hd Pt	3	
3	<u>102511701</u>	Asm-gas Kick Plate, Grey (includes items 4 through 6)	1	
4	<u>101811401</u>	Lever, Choke	1	
5	<u>101856201</u>	Compression Spring	1	
6	102511801	Plate -gas Kick, Grey	1	
7	<u>102511702</u>	Asm-gas Kick Plate, Blk (includes items 8 through 10)	1	
8	<u>101811401</u>	Lever, Choke	1	
9	<u>101856201</u>	Compression Spring	1	
10	102511802	Plate - Gas Kick, Blk	1	
11	<u>102514401</u>	Rod, Choke Button	1	



000500-001

KICK PLATE – ELECTRIC VEHICLE

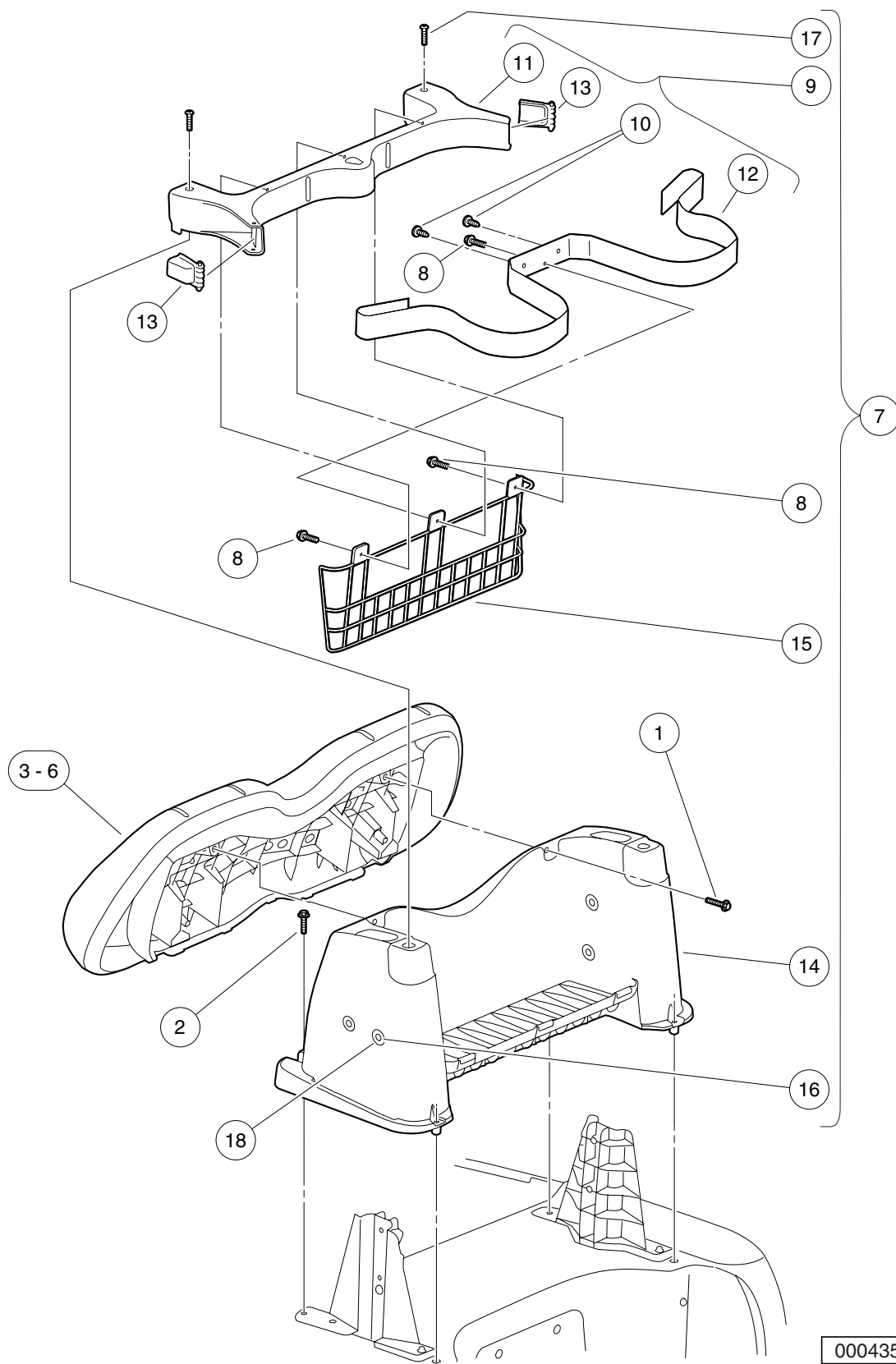
ITEM	PART NO.	DESCRIPTION	QTY	1 G E
		1 2 3 4		
1	102298030	Screw, K80x30, Torx Pn Hd Pt	3	
2	<u>102508201</u>	Plate - Electric Kick, Grey	1	
3	<u>102508202</u>	Plate - Electric Kick Blk	1	
4	<u>102516901</u>	Socket Trim	1	



000440-002

SEAT WITH HIP RESTRAINTS

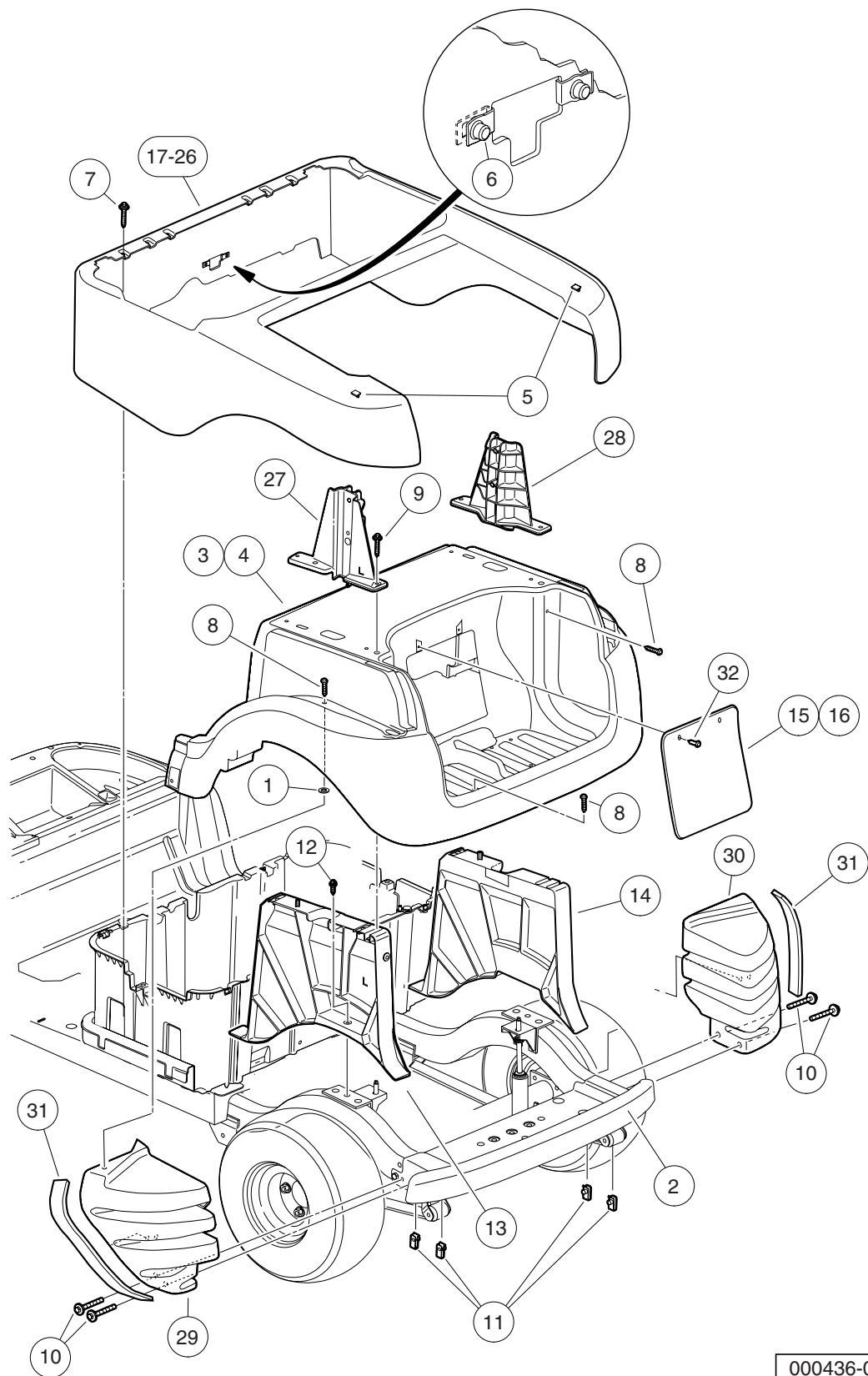
ITEM	PART NO.	DESCRIPTION	QTY	1 G E
		1 2 3 4		
1	<u>102554601</u>	Hinge Plate, Prec	2	
2	<u>102562701</u>	Hip Restraint, Prec, Lh	1	
3	<u>102562801</u>	Hip Restraint, Prec, Rh	1	
4	<u>102562901</u>	Screw, Seat Bottom Prec	6	
5	<u>103423001</u>	Seat Bottom Asy, Prec-beige	1	
6	<u>103423002</u>	Seat Bottom Asy, Prec-white	1	
7	<u>103423004</u>	Seat Bottom Asy, Prec-gray	1	



000435-001

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>102503221</u>	Service Backrest Asm, Beige	1	
4	<u>102503222</u>	Service Backrest Asm, White	1	
5	<u>102503224</u>	Service Backrest Asm, Gray	1	
6	<u>102503225</u>	Service Backrest Asm-black	1	
7	<u>102503901</u>	Asm-sam (includes items 8 through 17)	1	
8	<u>102297125</u>	Screw M6-1.0x25.4 Thd Fm Sems	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>102504501</u>	Panel, SAM	1	
16	<u>102551701</u>	Insert M6x1.0	4	
17	<u>103327601</u>	Screw, 5/16, Torx, Bosscrew	2	
18	<u>102568701</u>	Barrel - Plastic 6mm	8	

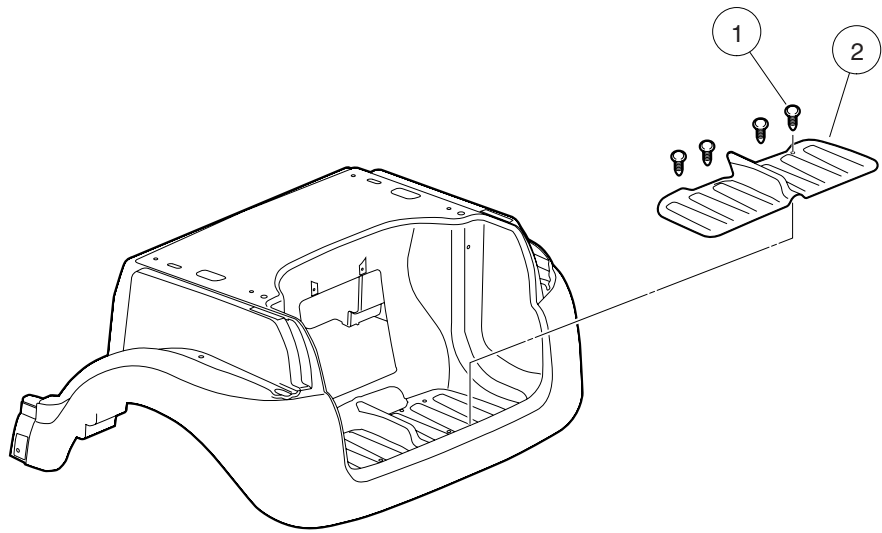


000436-001

REAR BODY

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1012571	Washer, 5/16 Extra Thick Flat	2
2	<u>102279001</u>	Rear Bumper Beam	1
3	<u>102279103</u>	Underbody - Rear, Grey	1
4	<u>102279104</u>	Underbody - Rear, Blk	1
5	<u>102292701</u>	Clip-body-trim	2
6	<u>102296601</u>	U-nut, M6-1.0 Prev Torque	2
7	<u>102297230</u>	Screw,m6,torx,interlock,thread	4
8	102298030	Screw, K80x30, Torx Pn Hd Pt	6
9	<u>102298240</u>	Bolt, Flange Head, M8-1.25 X 40	2
10	<u>102298580</u>	M8-1.25 X 80 Sems	4
11	<u>102298601</u>	J-clip - M8 X 1.25	4
12	102298716	M8-1.25x16 Taptite	2
13	102500501	Asm, Rear U/b Support, Lh	1
14	<u>102500601</u>	Asm, Rear U/b Support, Rh	1
15	<u>102501401</u>	Panel, Access, Gray	1
16	<u>102501402</u>	Panel, Access, Black	1
17	102502301	Panel, Beauty, Rear, White	1
18	<u>102502302</u>	Panel, Beauty, Rear, Beige	1
19	<u>102502304</u>	Panel, Beauty, Rear, Gray	1
20	<u>102502305</u>	Panel, Beauty, Rear, Red	1
21	<u>102502306</u>	Panel, Beauty, Rear, Burgundy	1
22	102502307	Panel, Beauty, Rear, Green	1
23	<u>102502308</u>	Panel, Beauty, Rear, Blue	1
24	<u>102502309</u>	Panel, Beauty, Rear, Black	1
25	<u>102502311</u>	Panel-beauty Rear, Cayenne	1
26	<u>102502313</u>	Panel-beauty Rear, Atlantic	1
27	<u>102502901</u>	Bracket, Canopy Support Left-Hand	1
28	<u>102503001</u>	Bracket, Canopy Support Right-Hand	1
29	102545601	Liner, Rear Underbody Lh	1
30	<u>102545602</u>	Liner, Rear Underbody Right-Hand	1
31	<u>102562101</u>	Tape, Foam Black 12" *	A/R
32	<u>102967901</u>	Rivet, Removable, Tuflok 1/4"	2
		* Note: Sold by the foot, 12 inches required per side	

1
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000729-001

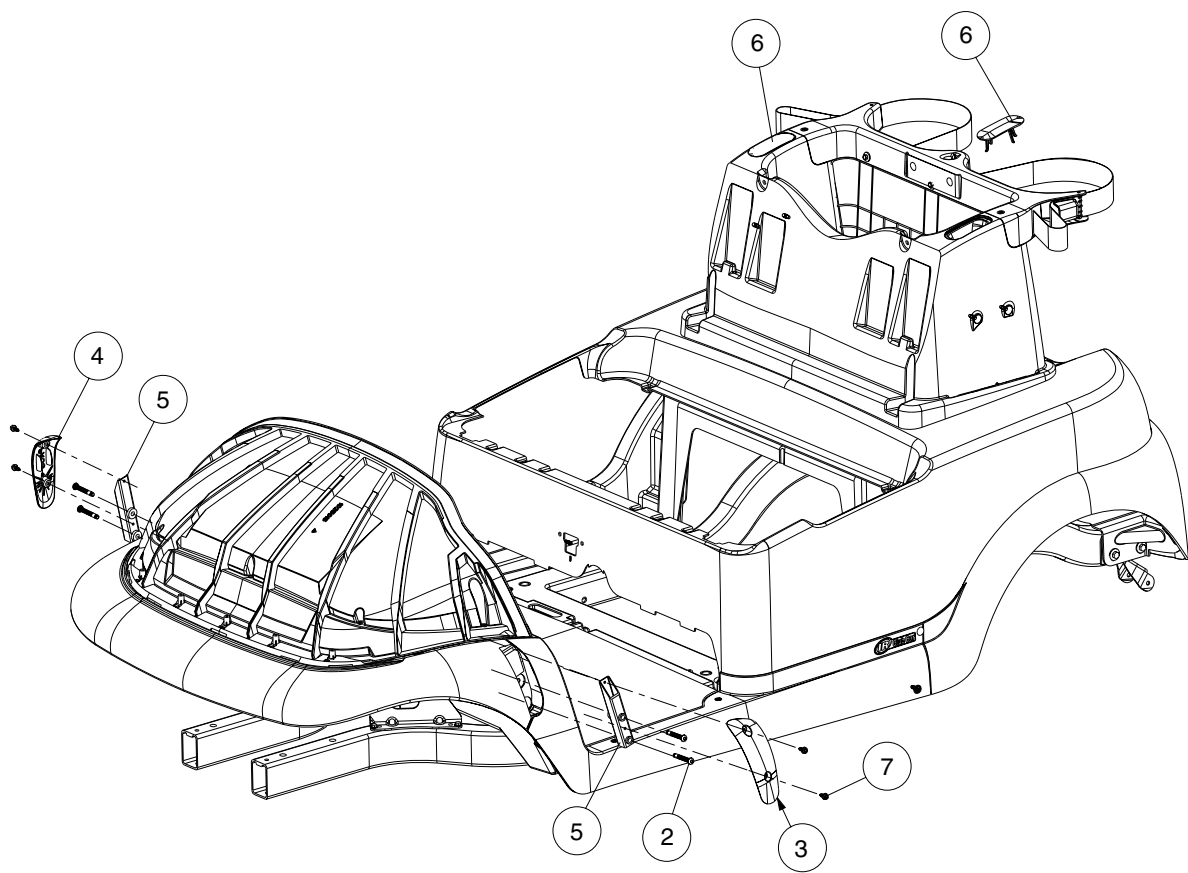
BAGWELL LINER

ITEM	PART NO.	DESCRIPTION	QTY
1	<u>1010434</u>	1 2 3 4 Barrel - Plastic	4
2	102553901	Bagwell Liner	1

1

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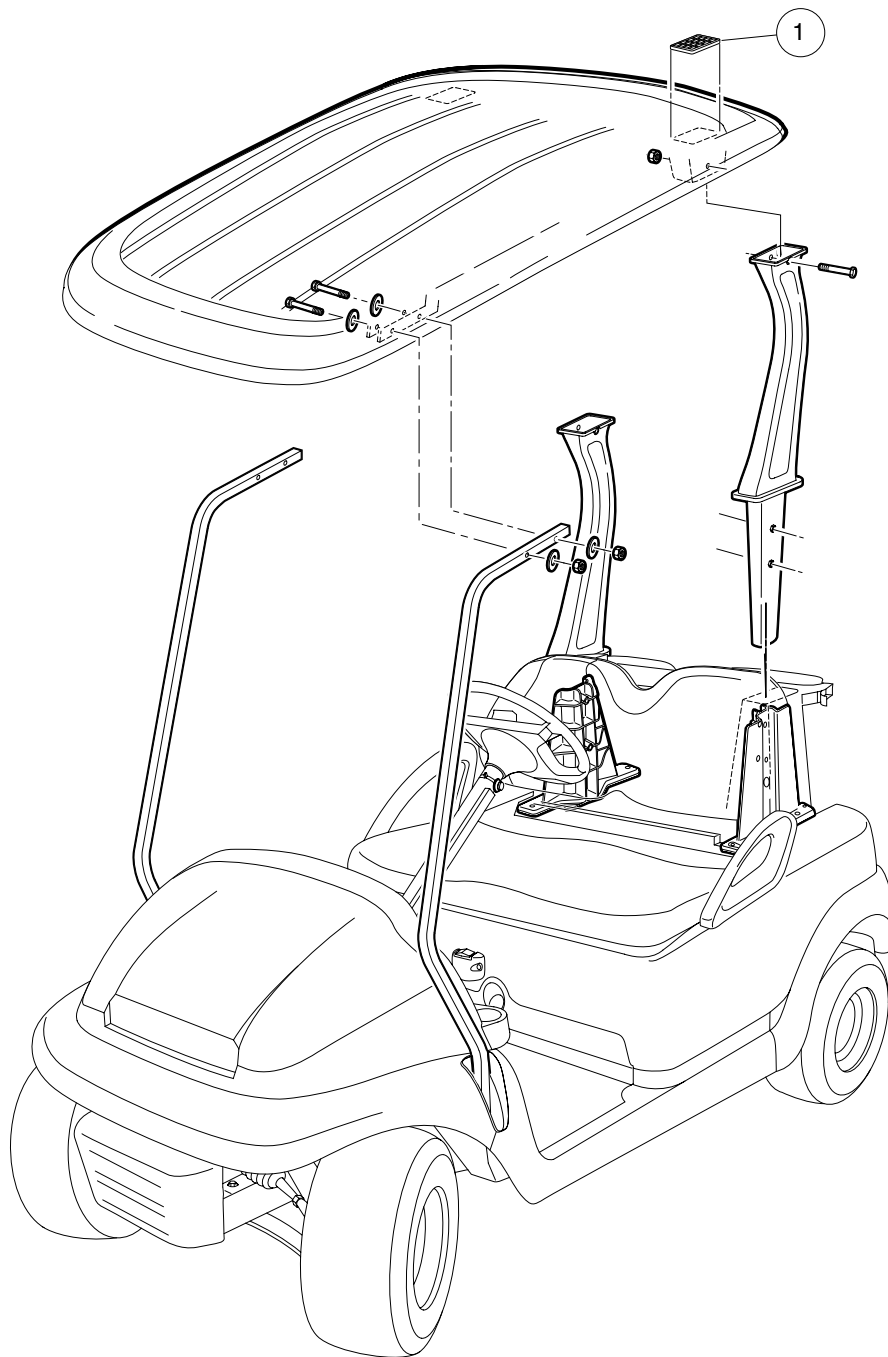
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000730-001

UNDERBODY COVERS (VEHICLE WITHOUT CANOPY)

ITEM	PART NO.	DESCRIPTION	QTY	1 G E
		1 2 3 4		
1	<u>102543901</u>	Kit, Underbody Cover, Gray (includes items 2 through 7)	1	
2	<u>102299065</u>	M8-1.25 X 65 Tx Bttn Hd Bolt	4	
3	N/A	Cover, Lh Non-canopy, Grey	1	
4	N/A	Cover, Rh Non-canopy, Grey	1	
5	N/A	Support, Strut Cover	2	
6	N/A	SAM Cap	2	
7	<u>102544201</u>	Screw, M6 Hex	4	
8	<u>102543902</u>	Kit, Underbody Cover, Black (includes items 9 through 14)	1	
9	<u>102299065</u>	M8-1.25 X 65 Tx Bttn Hd Bolt	4	
10	<u>102400202</u>	Cover, Lh Non-canopy, Blk	1	
11	<u>102400302</u>	Cover, Rh Non-canopy, Blk	1	
12	N/A	Support, Strut Cover	2	
13	N/A	SAM Cap	2	
14	<u>102544201</u>	Screw, M6 Hex	4	
Note: Sub-components contained in item 8 are the same as those shown for item 1, except for the color of the caps and covers.				



000439-002

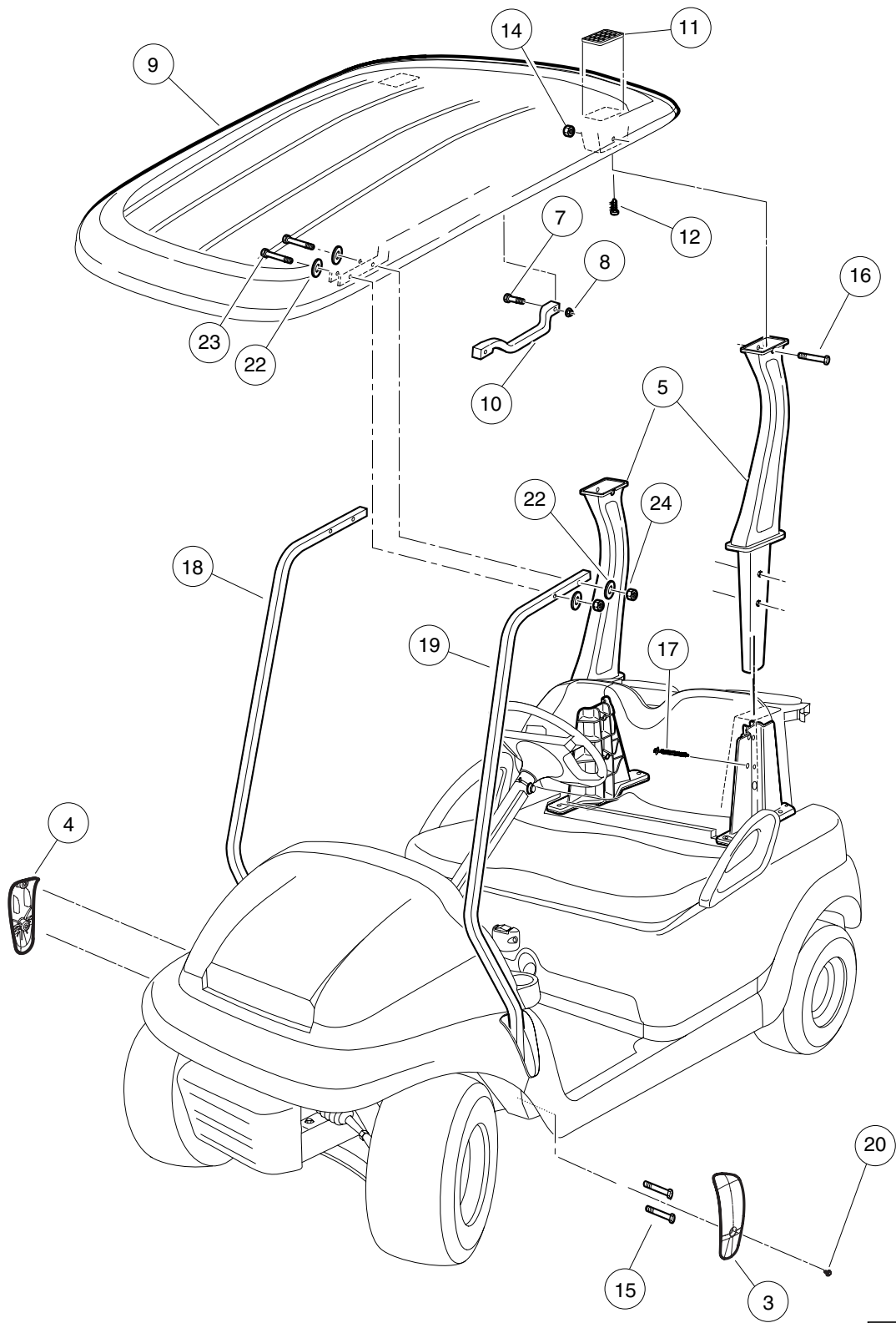
CANOPY SNAP-IN DRAIN COVER

ITEM	PART NO.	DESCRIPTION	QTY
1	N/A	1 2 3 4 Drain Cover (Snap-In) Note: For use on canopies produced prior to mid-2007.	2

1

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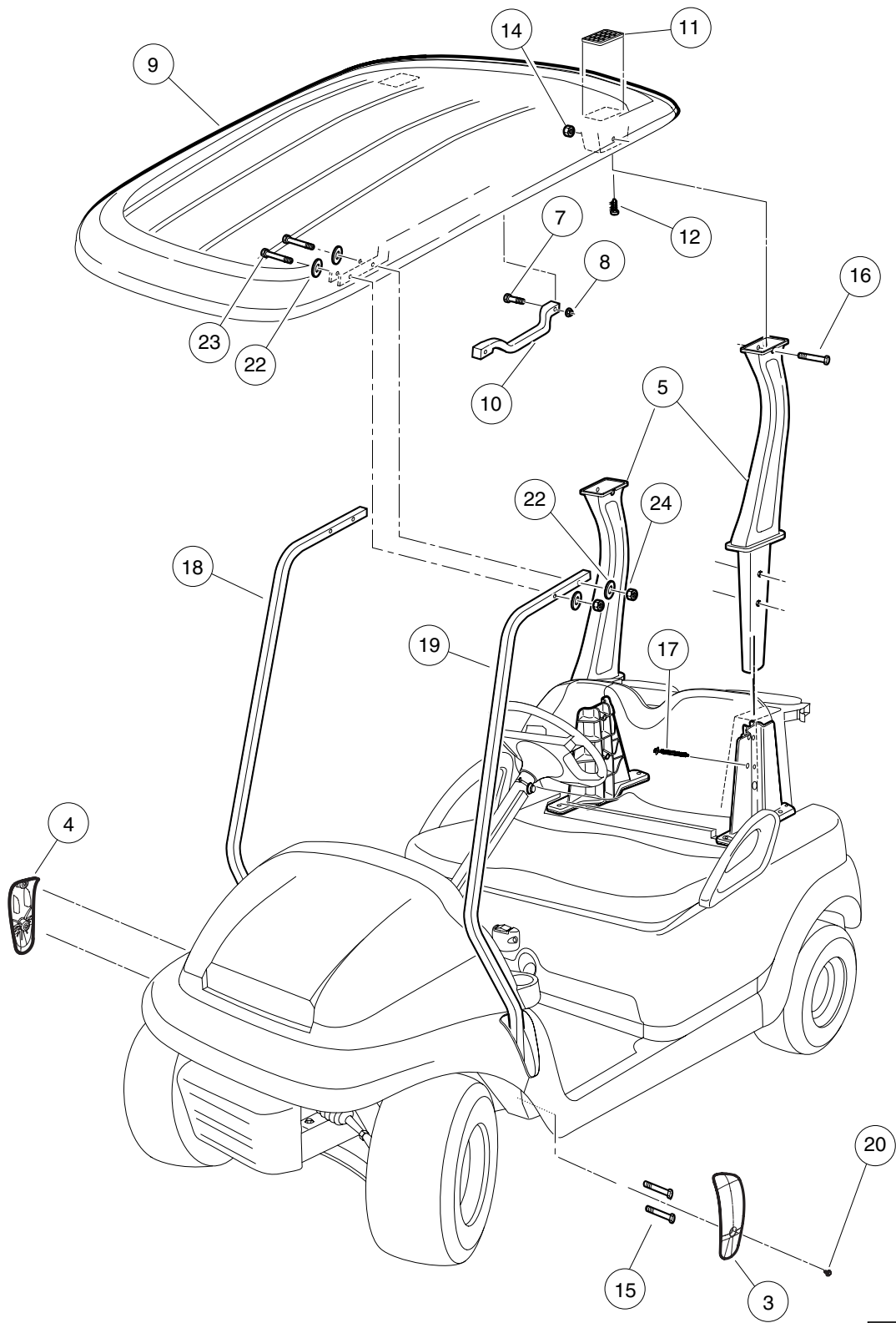
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000439-001

CANOPY – BEIGE

ITEM	PART NO.	DESCRIPTION	QTY	1 G E
		1 2 3 4		
1	<u>102520702</u>	Kit-canopy, Prec-beige (includes items 2 through 13)	1	
2	N/A	Beige Canopy Component Kit (includes items 3 through 6)	1	
3	<u>102400002</u>	Cover, Lh Canopy Support, Blk	1	
4	<u>102400102</u>	Cover, Rh Canopy Support, Blk	1	
5	<u>102513501</u>	Asm-rear Canopy Support	2	
6	<u>102524202</u>	Asm-canopy, Beige (includes items 7 through 12)	1	
7	<u>102296140</u>	Bolt, Flanged Head, M6x1.0x40	4	
8	<u>102296401</u>	Nut-m6x1.0 Flng All Mtl Lock	4	
9	<u>102508902</u>	Canopy-beige	1	
10	<u>102511602</u>	Handle, Canopy (Beige)	2	
11	<u>103205101</u>	Cover, Drain, Canopy, Precedent	2	
12	<u>103210101</u>	Screw, #8 X.75, Torx, Tapping	2	
13	N/A	Kit, Hardware, Canopy Strut (includes items 14 through 24)	1	
14	<u>102298401</u>	Nut,m8,all Metal Lock	2	
15	<u>102299065</u>	M8-1.25 X 65 Tx Bttn Hd Bolt	4	
16	<u>102299360</u>	Screw, M8-1.25 X 60, Sems, Tx	2	
17	<u>102299601</u>	Screw, Pt, K80x70 Hex Flg Hd	2	
18	<u>102512401</u>	Support, Canopy Front, Right-Hand	1	
19	<u>102513301</u>	Support, Canopy Front Left-Hand	1	
20	<u>102544201</u>	Screw, M6 Hex	2	
21	<u>102572601</u>	Instr, Kit, Canopy (prec)	1	
22	<u>103196001</u>	Washer, Conical Spring, Canopy	8	
23	<u>103199301</u>	Bolt - M6 X 1 X 45 Hh Grey	4	
24	<u>103200301</u>	Nut, M6 x 1.00	4	
Note: Item 21 not shown.				

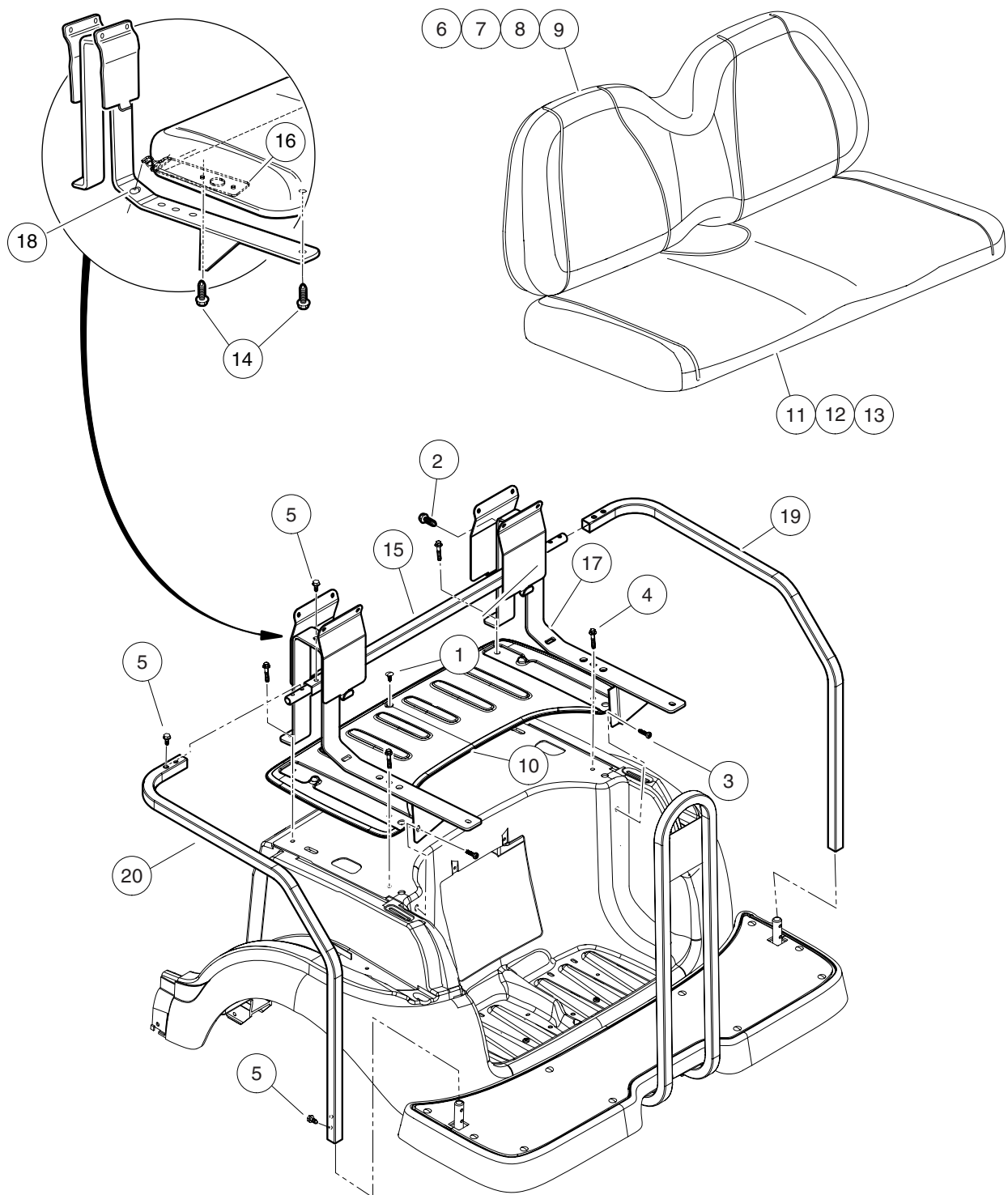


000439-001

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 13)	1	
2	N/A	White Canopy Component Kit (includes items 3 through 6)	1	
3	<u>102400002</u>	Cover, Lh Canopy Support, Blk	1	
4	<u>102400102</u>	Cover, Rh Canopy Support, Blk	1	
5	<u>102513501</u>	Asm-rear Canopy Support	2	
6	<u>102524201</u>	Asm-canopy, White (includes items 7 through 12)	1	
7	<u>102296140</u>	Bolt, Flanged Head, M6x1.0x40	4	
8	<u>102296401</u>	Nut-m6x1.0 Flng All Mtl Lock	4	
9	<u>102508901</u>	Canopy-white	1	
10	<u>102511601</u>	Handle, Canopy (White)	2	
11	<u>103205101</u>	Cover, Drain, Canopy, Precedent	2	
12	<u>103210101</u>	Screw, #8 X.75, Torx, Tapping	2	
13	N/A	Kit, Hardware, Canopy Strut (includes items 14 through 24)	1	
14	<u>102298401</u>	Nut,m8,all Metal Lock	2	
15	<u>102299065</u>	M8-1.25 X 65 Tx Bttm Hd Bolt	4	
16	<u>102299360</u>	Screw, M8-1.25 X 60, Sems, Tx	2	
17	<u>102299601</u>	Screw, Pt, K80x70 Hex Flg Hd	2	
18	<u>102512401</u>	Support, Canopy Front, Right-Hand	1	
19	<u>102513301</u>	Support, Canopy Front Left-Hand	1	
20	<u>102544201</u>	Screw, M6 Hex	2	
21	<u>102572601</u>	Instr, Kit, Canopy (prec)	1	
22	<u>103196001</u>	Washer, Conical Spring, Canopy	8	
23	<u>103199301</u>	Bolt - M6 X 1 X 45 Hh Grey	4	
24	<u>103200301</u>	Nut, M6 x 1.00	4	
Note: Item 21 not shown.				

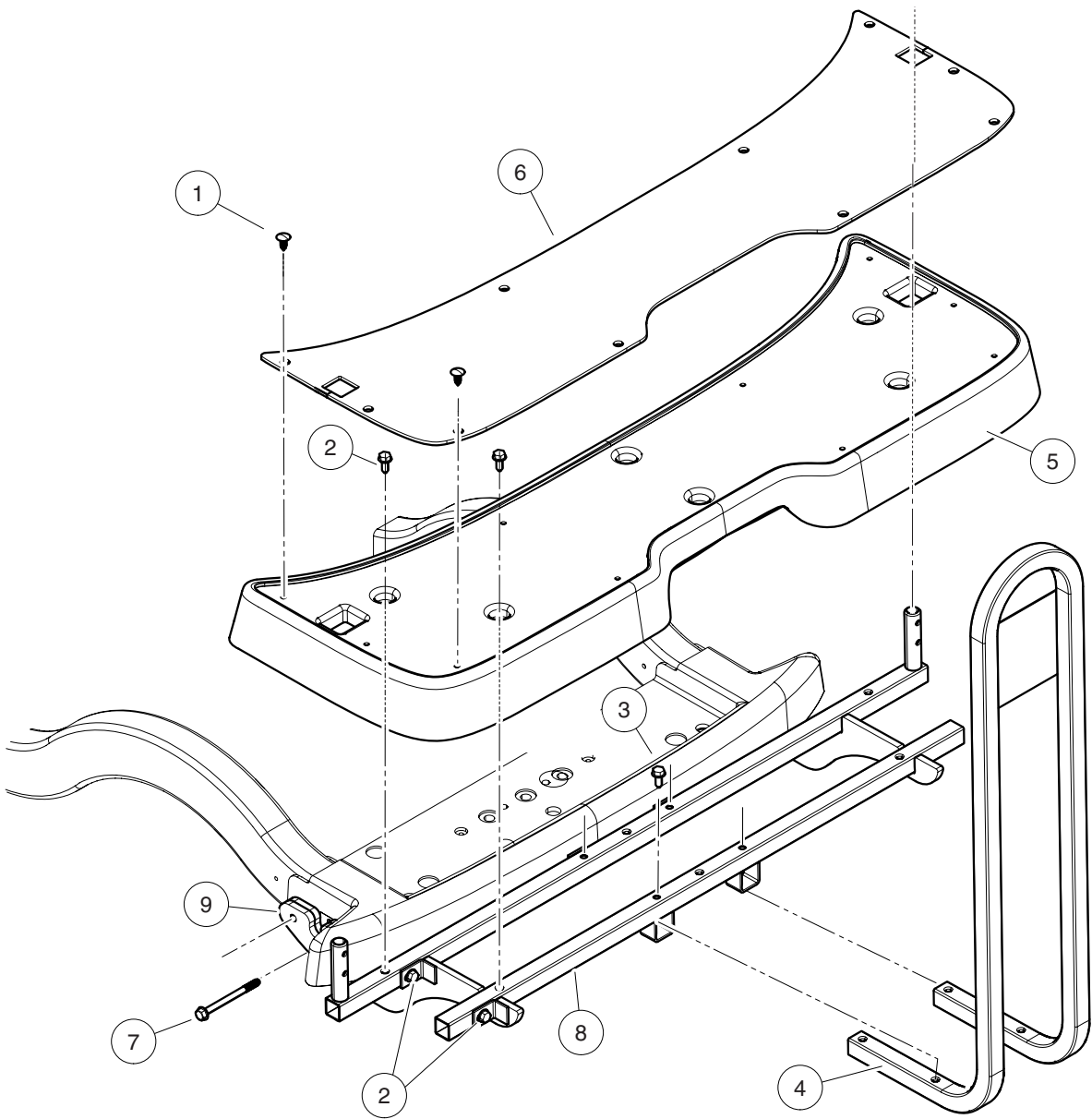
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000494-001

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	A/R	
5	<u>102298720</u>	M8-1.25x20 Taptite	10	
6	<u>102503221</u>	Service Backrest Asm, Beige	1	
7	<u>102503222</u>	Service Backrest Asm, White	1	
8	<u>102503224</u>	Service Backrest Asm, Gray	1	
9	<u>102503225</u>	Service Backrest Asm-black	1	
10	<u>102531501</u>	Cover, 4-pass Ns1 Underbody	1	
11	<u>102531701</u>	4-Passenger Rear Seat Bottom, Beige	1	
12	<u>102531702</u>	4-Passenger Rear Seat Bottom, White	1	
13	<u>102531704</u>	4-Passenger Rear Seat Bottom, Gray	1	
14	<u>102541425</u>	Bolt-m6x1.0x25 Hex Flhd, Blk-l	4	
15	<u>102572201</u>	Connector Tube-hand Rail Asm	1	
16	<u>102573101</u>	Bracket, 4-pass Lower Seat	2	
17	<u>102574801</u>	Support-rh 4 Passenger Seat	1	
18	<u>102574901</u>	Support-lh 4 Passenger Seat	1	
19	<u>102575101</u>	Restraint- Rh 4-passenger Hip	1	
20	<u>102575201</u>	Restraint- Lh 4-passenger Hip	1	
Note: See also four-passenger kit information.				



000493-001

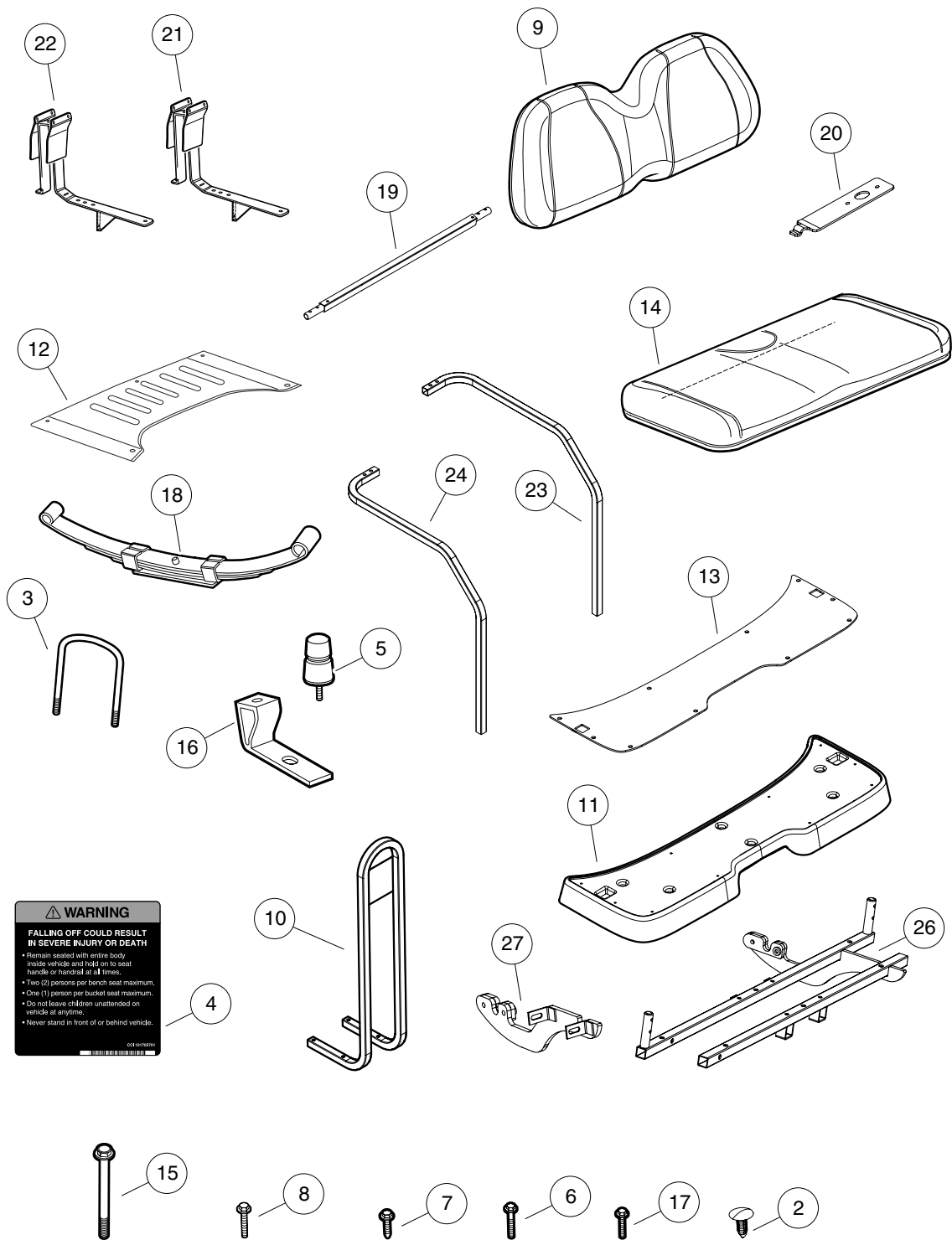
REAR FOOTREST ASSEMBLY – PRECEDENT VILLAGER 4

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1010434</u>	Barrel - Plastic	10
2	<u>102298720</u>	M8-1.25x20 Taptite	8
3	<u>102298745</u>	M8-1.25x45 Taptite	4
4	<u>102531001</u>	Handrail Weldment, Rear Seat	1
5	<u>102531402</u>	Footdeck, 4-Passenger, Black	1
6	<u>102531601</u>	Floormat, 4-Passenger, Rear	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

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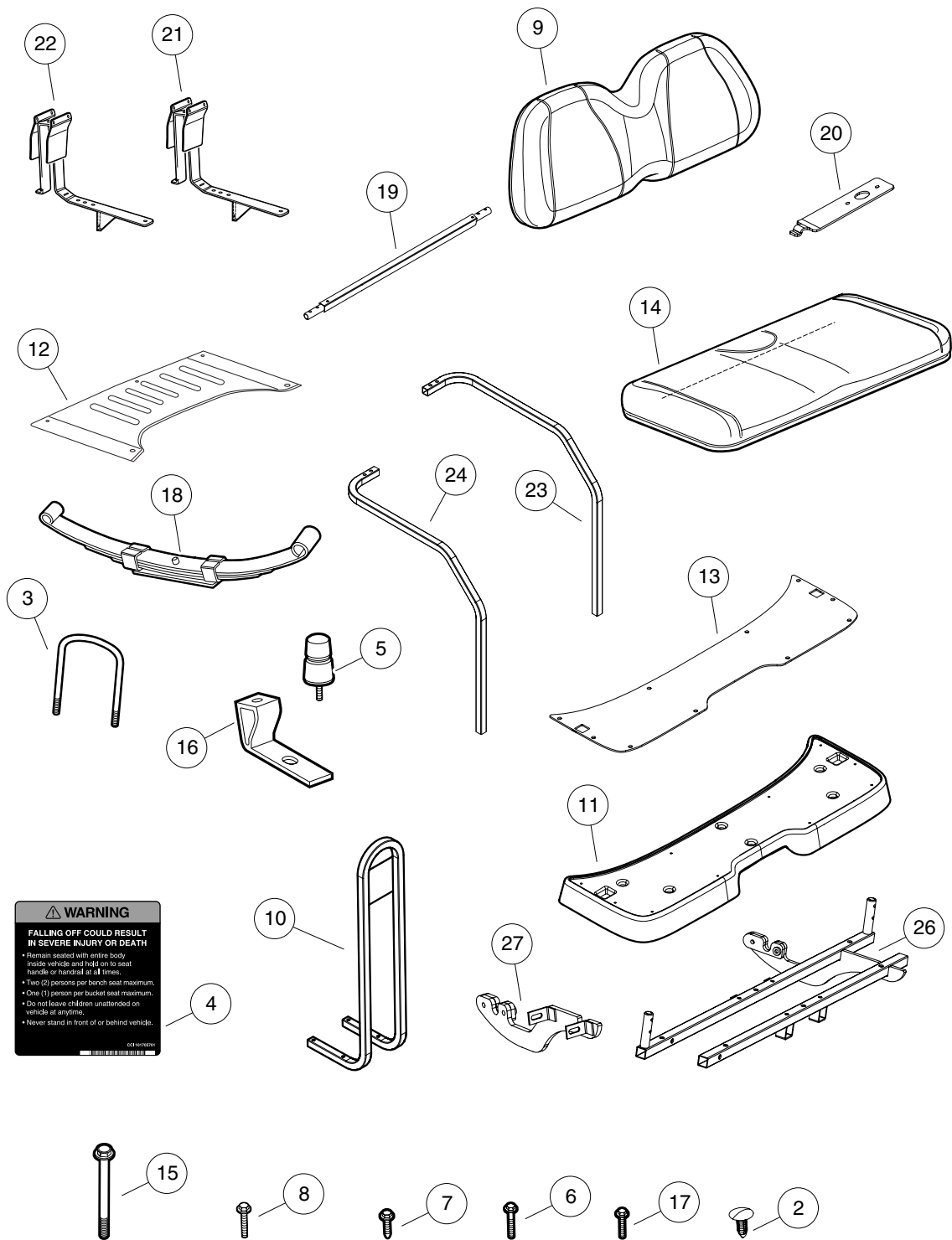
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000505-001

FOUR PASSENGER CONVERSION KIT – BEIGE

ITEM	PART NO.	DESCRIPTION	QTY	1 G E
		1 2 3 4		
1	<u>102570901</u>	Kit-4-pass, Prec, Std, Beige (includes items 2 through 27)	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>	M8-1.25x20 Taptite	18	
8	<u>102298745</u>	M8-1.25x45 Taptite	4	
9	<u>102503221</u>	Service Backrest Asm, Beige	1	
10	<u>102531001</u>	Handrail Weldment, Rear Seat	1	
11	<u>102531402</u>	Footdeck, 4-Passenger, Black	1	
12	<u>102531501</u>	Cover, 4-pass Ns1 Underbody	1	
13	<u>102531601</u>	Floormat, 4-Passenger, Rear	1	
14	<u>102531701</u>	4-Passenger Rear Seat Bottom, Beige	1	
15	<u>102534201</u>	Bolt - Fl Hd, M8 X 95	4	
16	<u>102534801</u>	Jounce Bumper Bracket	2	
17	<u>102541425</u>	Bolt-m6x1.0x25 Hex Flhd, Blk-l	6	
18	<u>102544901</u>	Spril, Leaf, Rear	2	
19	<u>102572201</u>	Connector Tube-hand Rail Asm	1	
20	<u>102573101</u>	Bracket, 4-pass Lower Seat	2	
21	<u>102574801</u>	Support-rh 4 Passenger Seat	1	
22	<u>102574901</u>	Support-lh 4 Passenger Seat	1	
23	<u>102575101</u>	Restraint- Rh 4-passenger Hip	1	
24	<u>102575201</u>	Restraint- Lh 4-passenger Hip	1	
25	<u>102577401</u>	Instructions-4 Pass Field	1	
26	<u>102584701</u>	Weld, 4-pass Footdeck-a	1	
27	<u>102584801</u>	Weld, 4-pass Footdeck-b	1	



000505-001

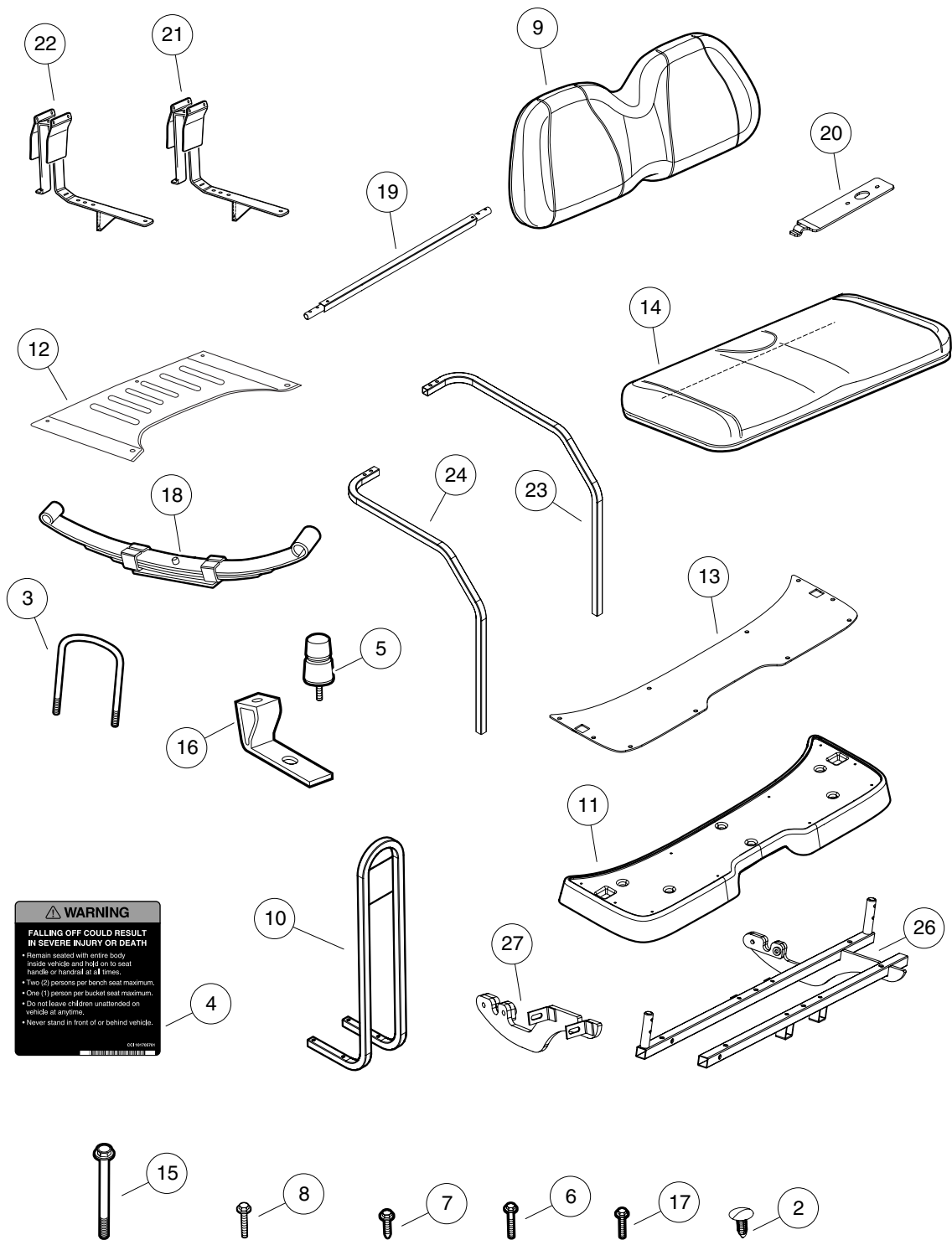
FOUR PASSENGER CONVERSION KIT – WHITE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102570902</u>	Kit-4-pass, Prec, Std, White (includes items 2 through 27)	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>	M8-1.25x20 Taptite	18
8	<u>102298745</u>	M8-1.25x45 Taptite	4
9	<u>102503222</u>	Service Backrest Asm, White	1
10	<u>102531001</u>	Handrail Weldment, Rear Seat	1
11	<u>102531402</u>	Footdeck, 4-Passenger, Black	1
12	<u>102531501</u>	Cover, 4-pass Ns1 Underbody	1
13	<u>102531601</u>	Floormat, 4-Passenger, Rear	1
14	<u>102531702</u>	4-Passenger Rear Seat Bottom, White	1
15	<u>102534201</u>	Bolt - Fl Hd, M8 X 95	4
16	<u>102534801</u>	Jounce Bumper Bracket	2
17	<u>102541425</u>	Bolt-m6x1.0x25 Hex Flhd, Blk-l	6
18	<u>102544901</u>	Spril, Leaf, Rear	2
19	<u>102572201</u>	Connector Tube-hand Rail Asm	1
20	<u>102573101</u>	Bracket, 4-pass Lower Seat	2
21	<u>102574801</u>	Support-rh 4 Passenger Seat	1
22	<u>102574901</u>	Support-lh 4 Passenger Seat	1
23	<u>102575101</u>	Restraint- Rh 4-passenger Hip	1
24	<u>102575201</u>	Restraint- Lh 4-passenger Hip	1
25	<u>102577401</u>	Instructions-4 Pass Field	1
26	<u>102584701</u>	Weld, 4-pass Footdeck-a	1
27	<u>102584801</u>	Weld, 4-pass Footdeck-b	1

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000505-001

FOUR PASSENGER CONVERSION KIT – GRAY

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102570904</u>	Kit, 4 Passenger, Precedent, Std, Gray (includes items 2 through 27)	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>	M8-1.25x20 Tapite	18
8	<u>102298745</u>	M8-1.25x45 Tapite	4
9	<u>102503224</u>	Service Backrest Asm, Gray	1
10	<u>102531001</u>	Handrail Weldment, Rear Seat	1
11	<u>102531402</u>	Footdeck, 4-Passenger, Black	1
12	<u>102531501</u>	Cover, 4-pass Ns1 Underbody	1
13	<u>102531601</u>	Floormat, 4-Passenger, Rear	1
14	<u>102531704</u>	4-Passenger Rear Seat Bottom, Gray	1
15	<u>102534201</u>	Bolt - Fl Hd, M8 X 95	4
16	<u>102534801</u>	Jounce Bumper Bracket	2
17	<u>102541425</u>	Bolt-m6x1.0x25 Hex Flhd, Blk-l	6
18	<u>102544901</u>	Spril, Leaf, Rear	2
19	<u>102572201</u>	Connector Tube-hand Rail Asm	1
20	<u>102573101</u>	Bracket, 4-pass Lower Seat	2
21	<u>102574801</u>	Support-rh 4 Passenger Seat	1
22	<u>102574901</u>	Support-lh 4 Passenger Seat	1
23	<u>102575101</u>	Restraint- Rh 4-passenger Hip	1
24	<u>102575201</u>	Restraint- Lh 4-passenger Hip	1
25	<u>102577401</u>	Instructions-4 Pass Field	1
26	<u>102584701</u>	Weld, 4-pass Footdeck-a	1
27	<u>102584801</u>	Weld, 4-pass Footdeck-b	1

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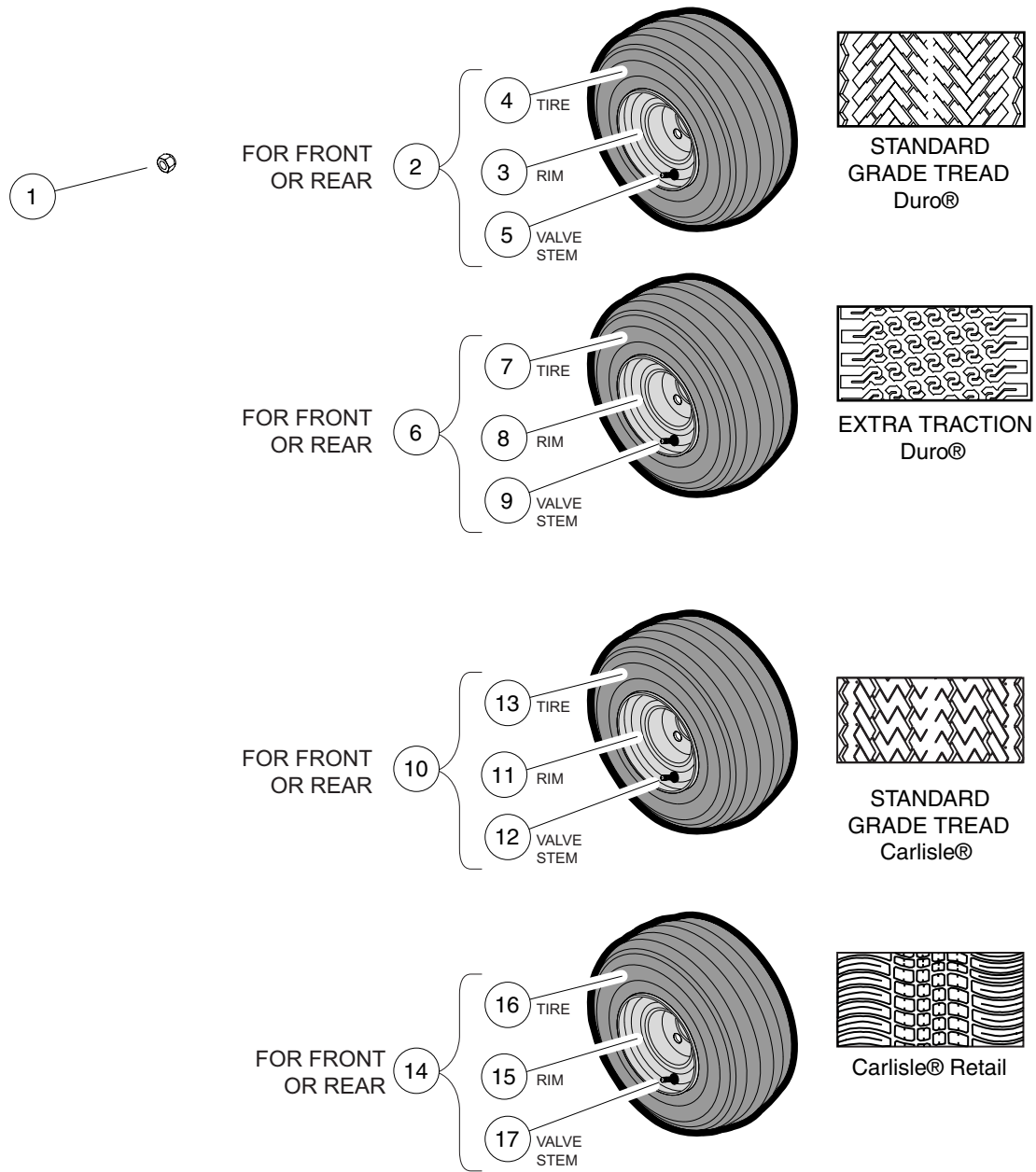
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WHEEL AND TIRES

2

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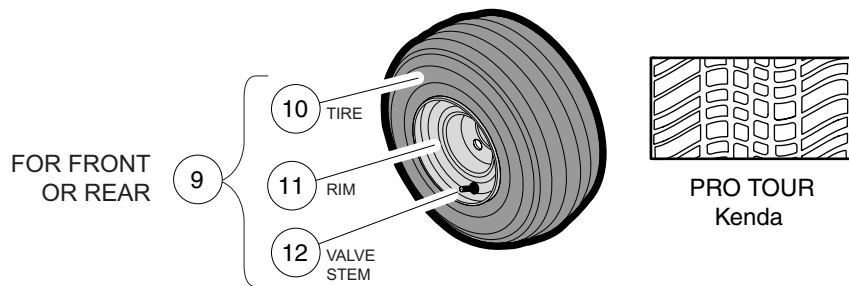
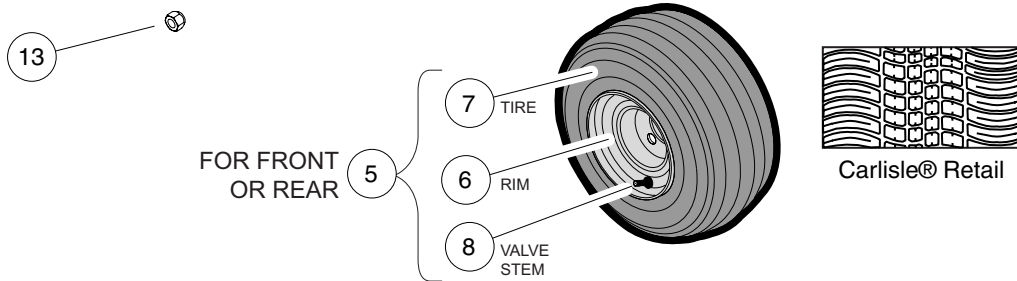
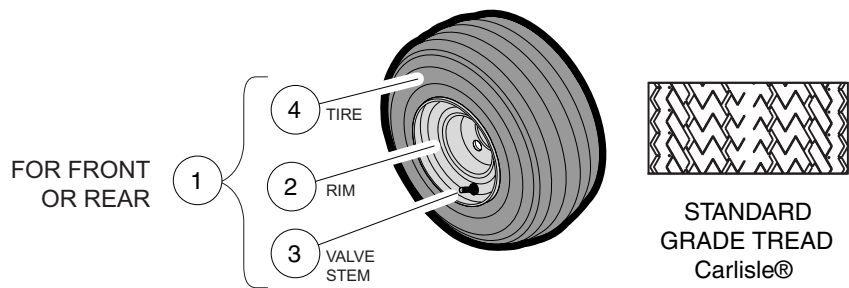
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000474-001

WHEELS AND TIRES – PROFESSIONAL

ITEM	PART NO.	DESCRIPTION	QTY	2 G E
		1 2 3 4		
1	<u>1010984</u>	.500-20 Unf Lug Nut	16	
2	<u>102522604</u>	Asm - Duro Std Gray (includes items 3 through 5)	4	
3	<u>102557801</u>	Wheel Rim Asm, 8" X 7.000"	1	
4	<u>102569304</u>	Duro 18 X 8.5 X 8, 4-Ply	1	
5	<u>7310</u>	Valve Stem	1	
6	<u>102522605</u>	Asm - Duro Extra Tract Gray (includes items 7 through 9)	4	
7	<u>101769302</u>	Tire, Unmounted Xtrac 18 x 8.50-8	1	
8	<u>102557801</u>	Wheel Rim Asm, 8" X 7.000"	1	
9	<u>7310</u>	Valve Stem	1	
10	<u>102522608</u>	Asm-carlisle Std Gray (includes items 11 through 13)	A/R	
11	<u>102557801</u>	Wheel Rim Asm, 8" X 7.000"	1	
12	<u>7310</u>	Valve Stem	1	
13	N/A	Tire, Unmouonted, Carlisle Standard Tread	1	
14	<u>102522609</u>	Asm-carlisle Retail (includes items 15 through 17)	2	
15	<u>102557801</u>	Wheel Rim Asm, 8" X 7.000"	1	
16	<u>102569309</u>	Carlisle 18 X 8.50 R8	1	
17	<u>7310</u>	Valve Stem	1	



000475-001

WHEELS AND TIRES – CHAMPION

ITEM	PART NO.	DESCRIPTION	QTY	2 G E
		1 2 3 4		
1	<u>102522608</u>	Asm-carlisle Std Gray (includes items 2 through 4)	4	
2	<u>102557801</u>	Wheel Rim Asm, 8" X 7.000"	1	
3	<u>7310</u>	Valve Stem	1	
4	N/A	Tire, Unmouonted, Carlisle Standard Tread	1	
5	<u>102522609</u>	Asm-carlisle Retail (includes items 6 through 8)	4	
6	<u>102557801</u>	Wheel Rim Asm, 8" X 7.000"	1	
7	<u>102569309</u>	Carlisle 18 X 8.50 R8	1	
8	<u>7310</u>	Valve Stem	1	
9	<u>102540601</u>	Tire and Wheel, Aluminum (includes items 10 through 12)	4	
10	<u>102556701</u>	Tire, Pro Tour, 205-50 X 10	1	
11	<u>102556801</u>	Wheel, ChampionsAluminum'	1	
12	<u>7310</u>	Valve Stem	1	
13	<u>102540701</u>	Lug Nut, 1/2" Closed End	16	

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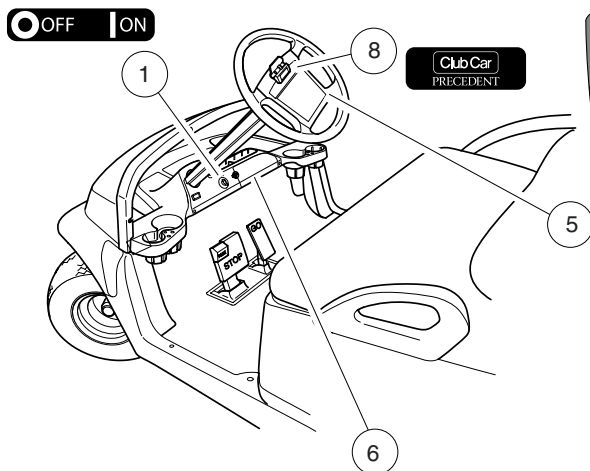
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DECALS

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OPERATING INSTRUCTIONS

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

TO OPERATE

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

BEFORE LEAVING

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

CCI 102519201

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

WARNING

**BATTERY EXPLOSION / FIRE CAN CAUSE SEVERE INJURY**

- Do not contact positive (+) battery post or cable to frame.
- Disconnect negative (-) cable first.
- Negative (-) frame ground.

CCI 102517901

WARNING

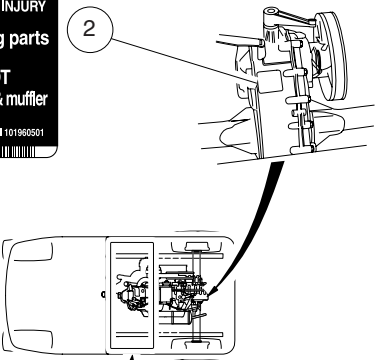
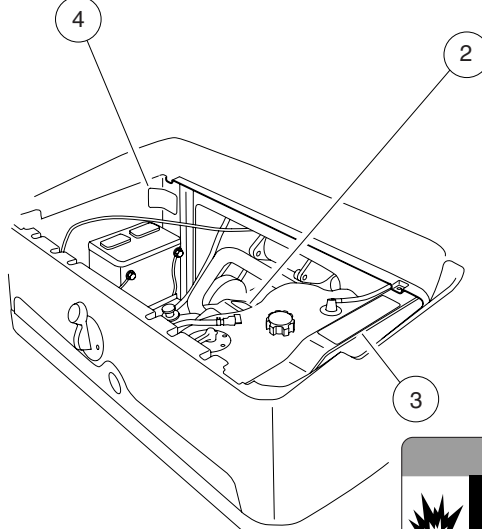
CAN CAUSE SEVERE INJURY

**Rotating parts**

**HOT manifold & muffler**

KEEP CLEAR

CCI 101960501



WARNING

**GASOLINE EXPLOSION / FIRE CAN CAUSE SEVERE INJURY OR DEATH**

- No sparks or open flame near fuel or fuel tank.
- No smoking near fuel or fuel tank.
- Stop engine and allow to cool before refueling.
- Turn fuel valve (—) on during operation.
- Turn fuel valve (—) off during storage or transport.

**EXCESSIVE SPEED CAN CAUSE SEVERE INJURY OR DEATH**

- Do not tamper with engine governor adjustment.

CCI 102517801

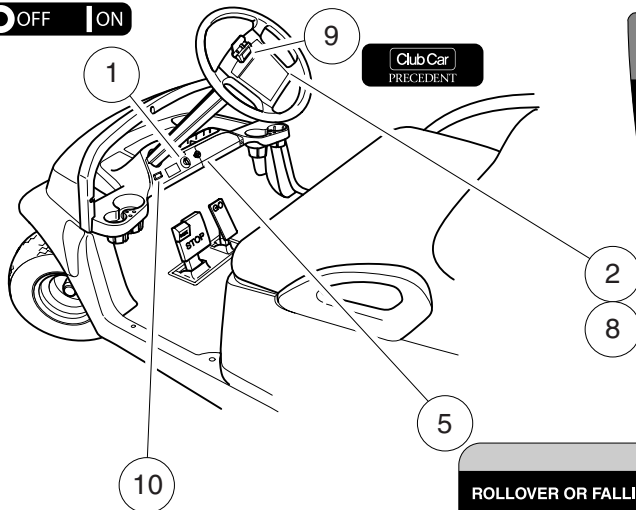


000444-001

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>102519201</u>	Decal, Operating Instr, Gas	1	
6	<u>102519301</u>	Decal, Warning, Rollover	1	
7	<u>102538101</u>	Decal, Operating Instructions	1	
8	<u>102540901</u>	Decal, Club Car Clip	1	
Note: Item 7 not shown.				

OFF ON

**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.

CC1 10255901

OPERATING INSTRUCTIONS

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

TO OPERATE

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

BEFORE LEAVING

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

MOTOR BRAKING

- Electric motor braking provides speed regulation functions.
- For parked vehicle, beeping alarm indicates vehicle roll away.
- In operation, beeping alarm indicates reduction in motor braking.
- Apply brakes to further reduce vehicle speed as required.
- System is activated only when tow switch is in the RUN position.
- When towing this vehicle, tow switch must be in the TOW position.

CC1 102518001

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.

CC1 102519301

WARNING**HEAVY LIFTING CAN CAUSE SEVERE PERSONAL INJURY**

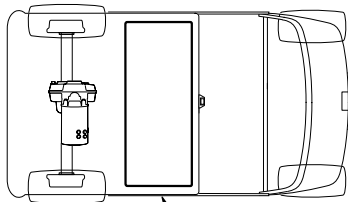
- The weight of each 12-volt battery is in excess of 80 lb (36.3 kg).
- Lift batteries only with the aid of an assistant.

CC1 102328501

CAUTION**EXPOSURE TO WATER MAY DAMAGE ELECTRONIC COMPONENTS**

- Do not operate vehicle without this cover properly installed.
- Do not direct water stream in the area of the cover without cover securely in place.
- See vehicle maintenance and service manual before servicing.

CC1 102518101

**WARNING****BATTERY EXPLOSION / ELECTRICAL COMPONENT DAMAGE**

- 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.
- Do not operate vehicle without the cover properly installed.
- Keep electronic components dry.
- See vehicle maintenance and service manual before servicing.

CC1 102519401

WARNING**SHORTING OF BATTERY TERMINALS CAN CAUSE PERSONAL INJURY OR DEATH.**

- Do not place component mounting plate directly on top of batteries when removing or installing plate.
- Remove plate from vehicle completely.

102527501

000441-001

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>102518001</u>	Decal, Operating Instr, Elec	1	
3	<u>102518101</u>	Decal, Run/Tow with Storage Area	1	
4	<u>102518301</u>	Decal, Caution, Electrical Component Cover	1	
5	<u>102519301</u>	Decal, Warning, Rollover	1	
6	<u>102519401</u>	Decal, Run/Tow Safety, IQ	1	
7	<u>102527501</u>	Decal-component Mounting Plate	1	
8	<u>102538201</u>	Decal, Operating Instructions	1	
9	<u>102540901</u>	Decal, Club Car Clip	1	
10	<u>102555901</u>	Decal, Private Speed, Prec	1	
11	<u>103238501</u>	Decal, Warning -battery Weight	1	
Note: Item 8 not shown.				

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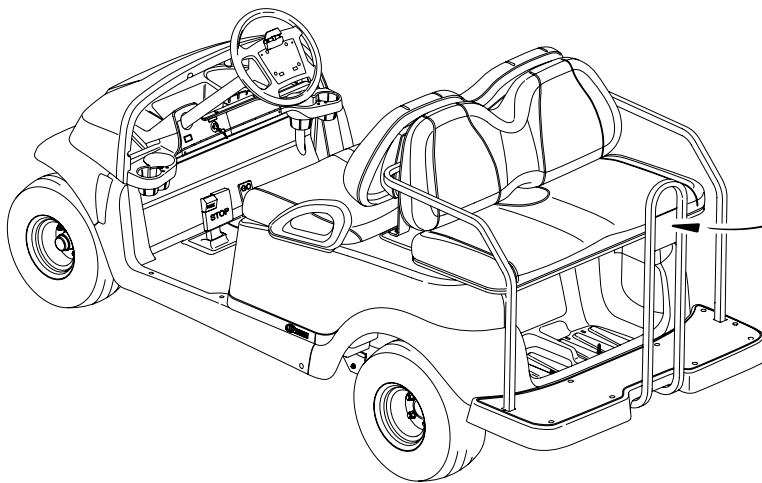


WARNING

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	3 G E
1	<u>101705701</u>	1 2 3 4 Decal, Warning	4	

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BRAKES AND PEDAL GROUP ASSEMBLIES

4

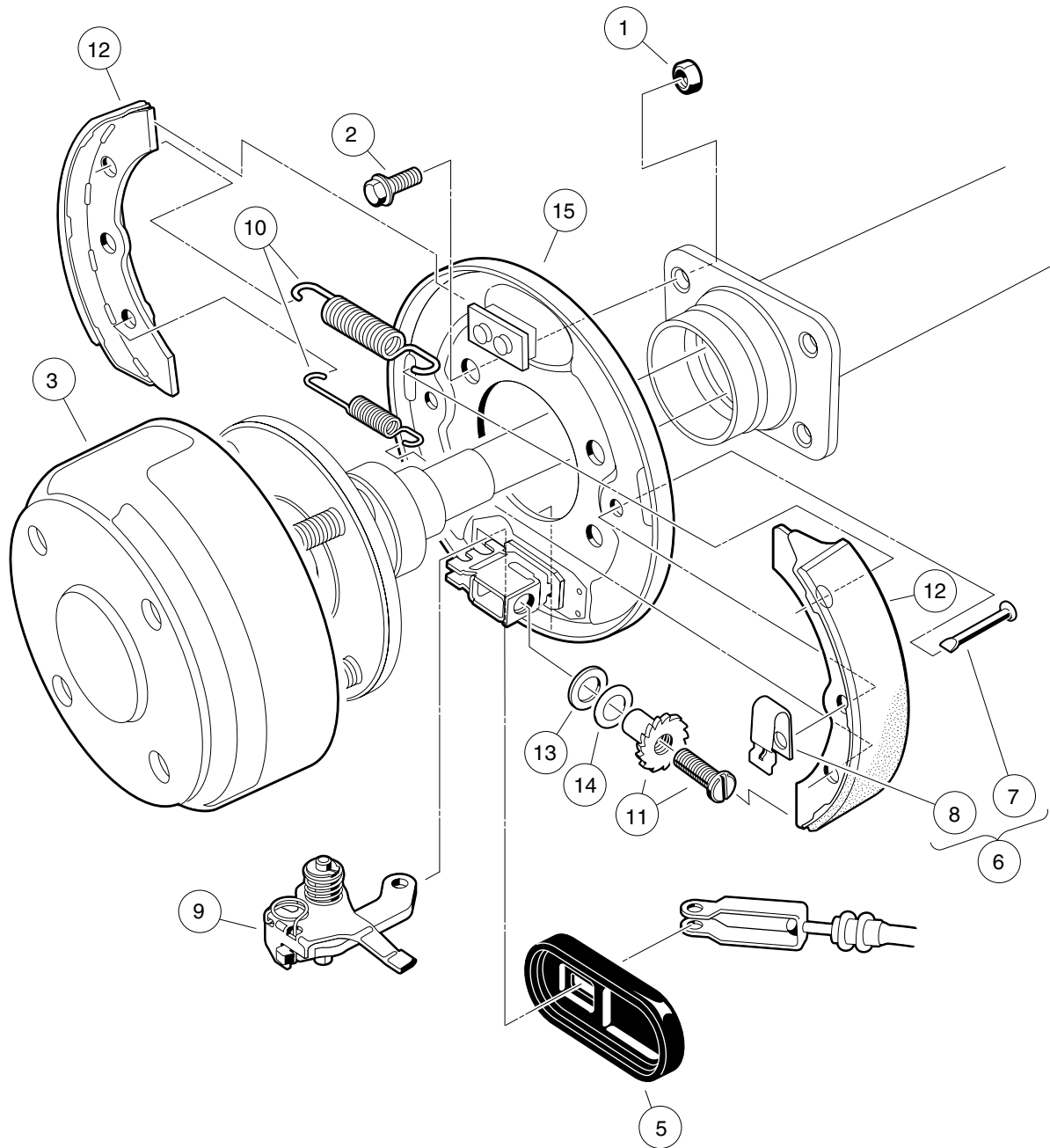
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000186-001

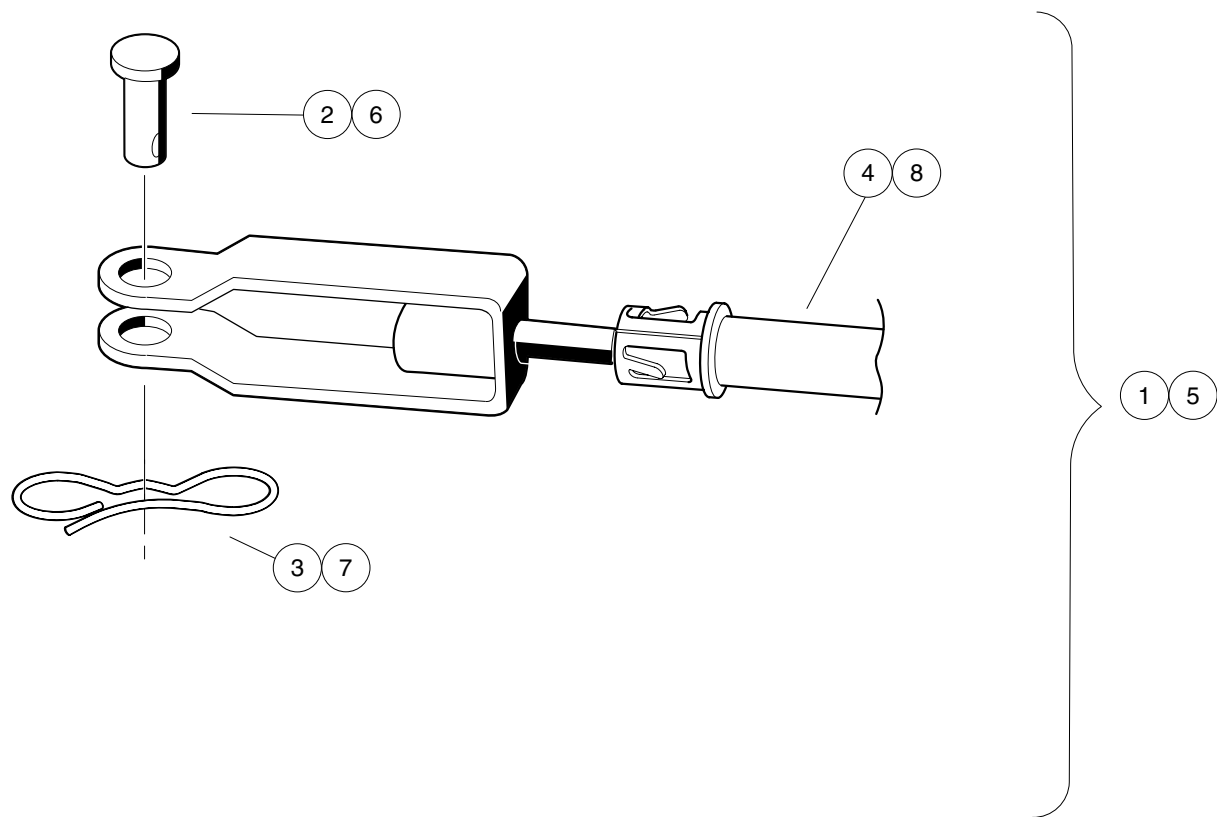
REAR BRAKE ASSEMBLY, SELF-ADJUSTING

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1013924</u>	Nut, 5/16-24 Hex Head Cone	8
2	<u>1014153</u>	Bolt, Brake Cluster Mounting	8
3	<u>101791101</u>	Drum without Center Hole, Brake	2
4	<u>101823301</u>	Cluster Assembly, Right (Passenger) Brake (includes items 5 through 15)	1
5	<u>1010850</u>	Dust Cover	1
6	<u>1011466</u>	Kit, Shoe Retainer (includes items 7 and 8)	1
7	N/A	Pin	2
8	N/A	Shoe Clamp Spring	2
9	<u>101815501</u>	Lever Assembly, Self-Adjusting Brake, Right (Passenger)	1
10	<u>101816301</u>	Package, Brake Spring, Self-Adjusting	1
11	<u>101816501</u>	Adj Mechanism, S.A. Brakes, Right (Passenger)	1
12	<u>101823201</u>	Package, Brake Shoe, Self-Adjusting	1
13	<u>101823801</u>	Plate, Washer, Brake, Self-Adjusting	1
14	<u>101823901</u>	Washer, Brake, Self-Adjusting	1
15	<u>101824001</u>	Plate Assembly, Right Brake Backing	1
16	<u>101823302</u>	Cluster Assembly, Left Brake (includes items 17 through 27)	1
17	<u>1010850</u>	Dust Cover	1
18	<u>1011466</u>	Kit, Shoe Retainer (includes items 19 and 20)	1
19	N/A	Pin	2
20	N/A	Shoe Clamp Spring	2
21	<u>101815502</u>	Lever Assembly, Self-Adjusting Brake, Left	1
22	<u>101816301</u>	Package, Brake Spring, Self-Adjusting	1
23	<u>101816502</u>	Adjusting Mechanism, Self-Adjusting Brake, Left	1
24	<u>101823201</u>	Package, Brake Shoe, Self-Adjusting	1
25	<u>101823801</u>	Plate, Washer, Brake, Self-Adjusting	1
26	<u>101823901</u>	Washer, Brake, Self-Adjusting	1
27	<u>101824002</u>	Plate Assembly, Left Brake Backing	1
Note: Driver-side brake cluster not shown. Components have a similar appearance to passenger-side brake cluster components.			

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000467-001

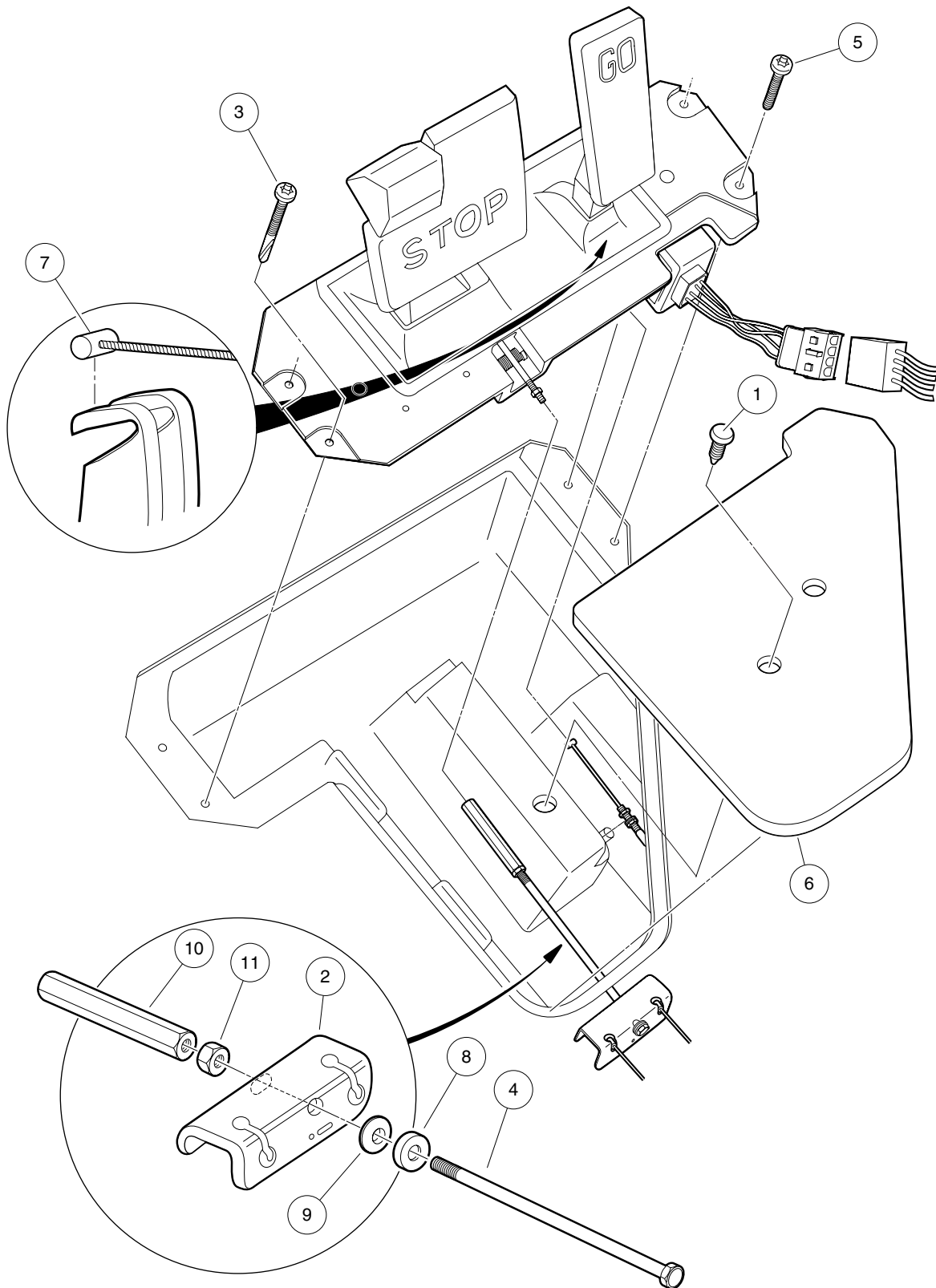
BRAKE CABLES

ITEM	PART NO.	DESCRIPTION	QTY	4 G E
		1 2 3 4		
1	<u>102557501</u>	Brake Cable Kit, Precedent Right-Hand (includes items 2 through 4)	1	
2	<u>1010829</u>	Pin, Clevis, 5/16 X 3/4	1	
3	<u>102292801</u>	Pin, Bow Tie Locking - .072	1	
4	N/A	Brake Cable (Right)	1	
5	<u>102557502</u>	Brake Cable Kit, Precedent Left-Hand (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	Brake Cable (Left)	1	

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000443-001

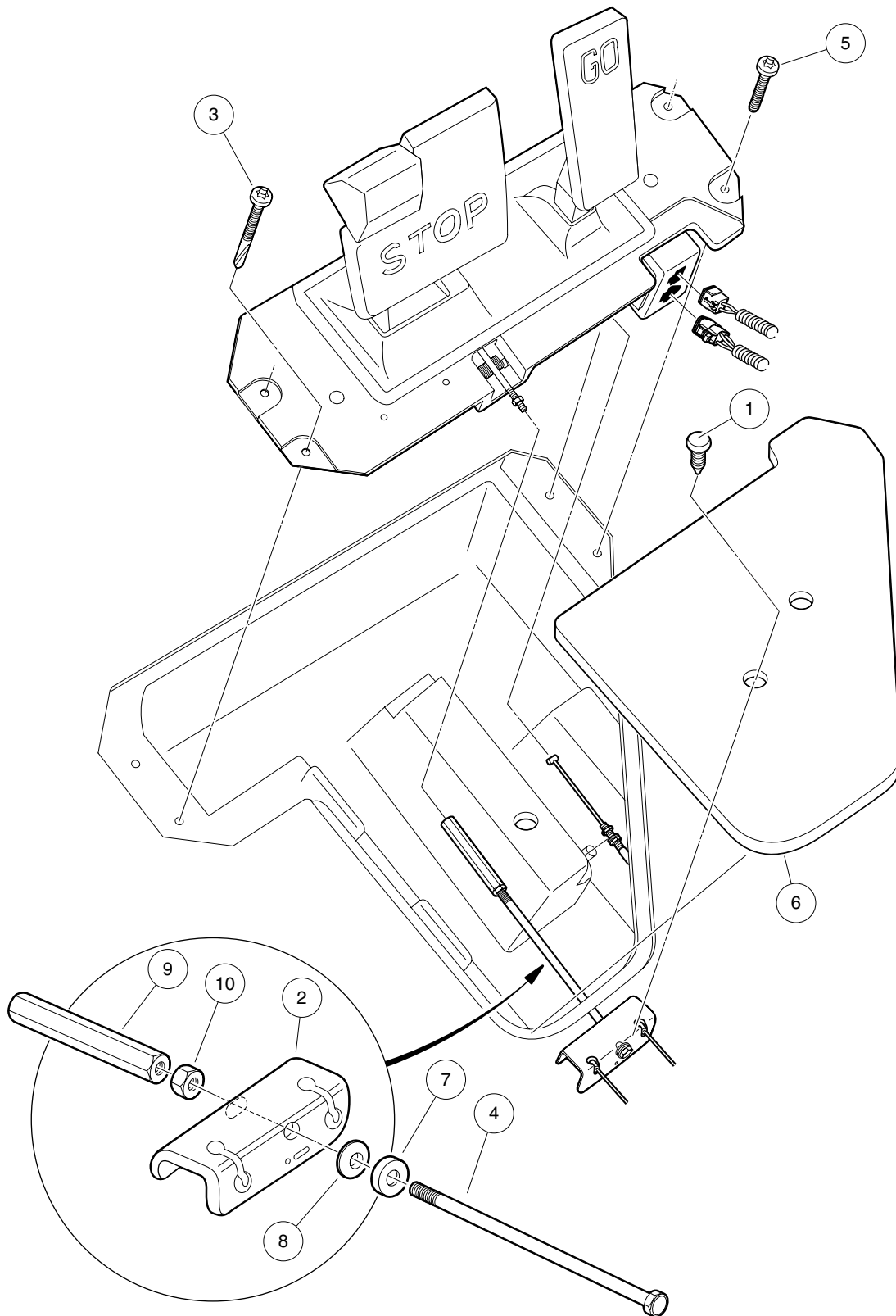
PEDAL GROUP CONNECTIONS – GASOLINE VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY	4 G E
		1 2 3 4		
1	<u>1010434</u>	Barrel - Plastic	1	
2	<u>101990802</u>	Equalizer Bracket	1	
3	<u>102292201</u>	Screw-1/4-20x1.25 Torx Pn Hdsd	2	
4	<u>102297901</u>	Bolt, 5/16-18 X 7.375, Hex	1	
5	<u>102298030</u>	Screw, K80x30, Torx Pn Hd Pt	2	
6	<u>102500801</u>	Plate - Floor Cover	1	
7	<u>102513102</u>	Cable, Acc, Snap-in	1	
8	<u>102551901</u>	Washer, 5/16, Self Comp, Cup	1	
9	<u>102552001</u>	Washer, 5/16, Self Comp, Cone	1	
10	<u>102594301</u>	Nut, 5/16-18, Hex Adjusting -I	1	
11	<u>1242</u>	Nut, 5/16-18 Hex	1	

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000442-001

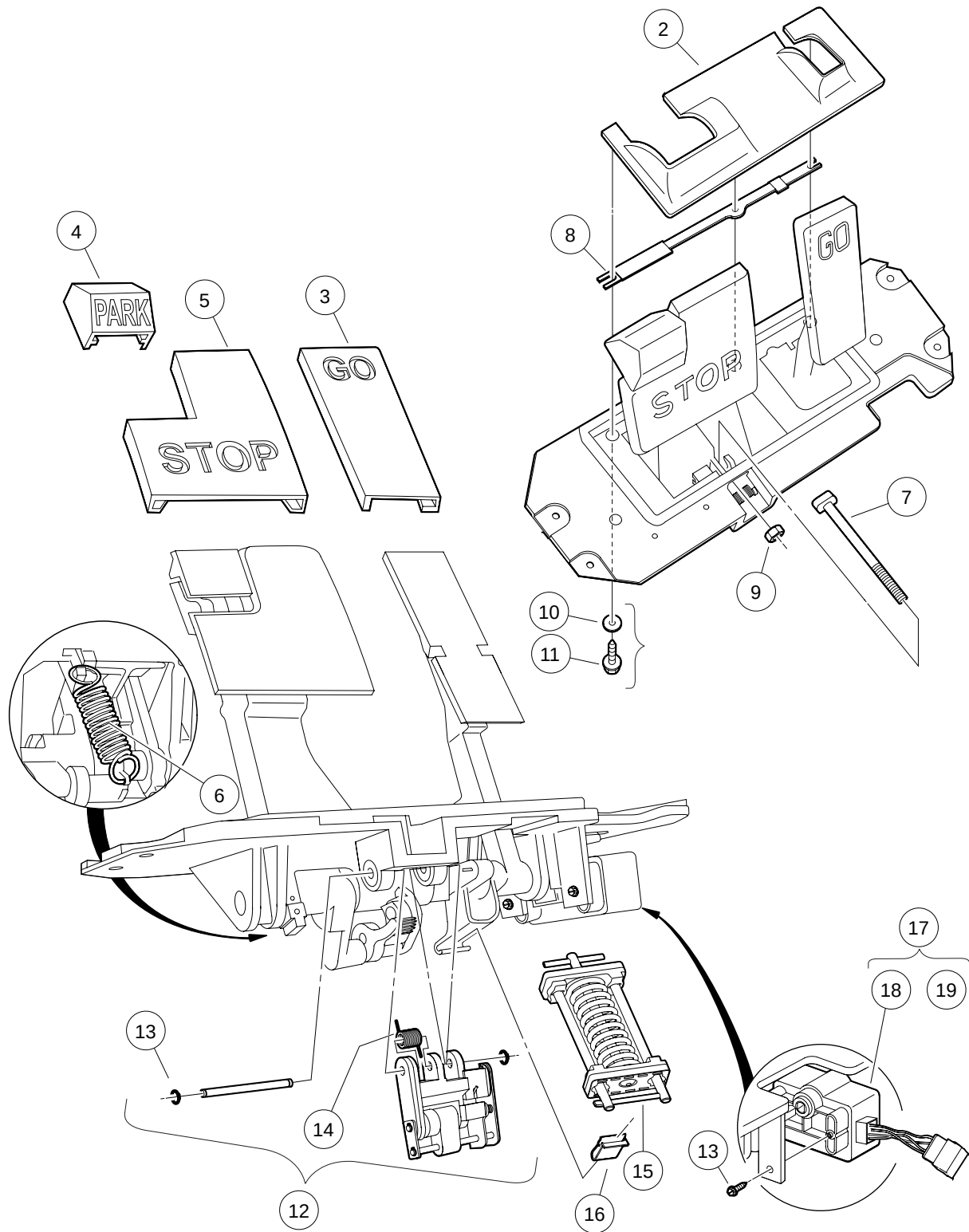
PEDAL GROUP CONNECTIONS – ELECTRIC VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY	4 G E
		1 2 3 4		
1	<u>1010434</u>	Barrel - Plastic	1	
2	<u>101990802</u>	Equalizer Bracket	1	
3	<u>102292201</u>	Screw-1/4-20x1.25 Torx Pn Hdsd	2	
4	<u>102297901</u>	Bolt, 5/16-18 X 7.375, Hex	1	
5	<u>102298030</u>	Screw, K80x30, Torx Pn Hd Pt	2	
6	<u>102500801</u>	Plate - Floor Cover	1	
7	<u>102551901</u>	Washer, 5/16, Self Comp, Cup	1	
8	<u>102552001</u>	Washer, 5/16, Self Comp, Cone	1	
9	<u>102594301</u>	Nut, 5/16-18, Hex Adjusting -I	1	
10	<u>1242</u>	Nut, 5/16-18 Hex	1	

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000487-001

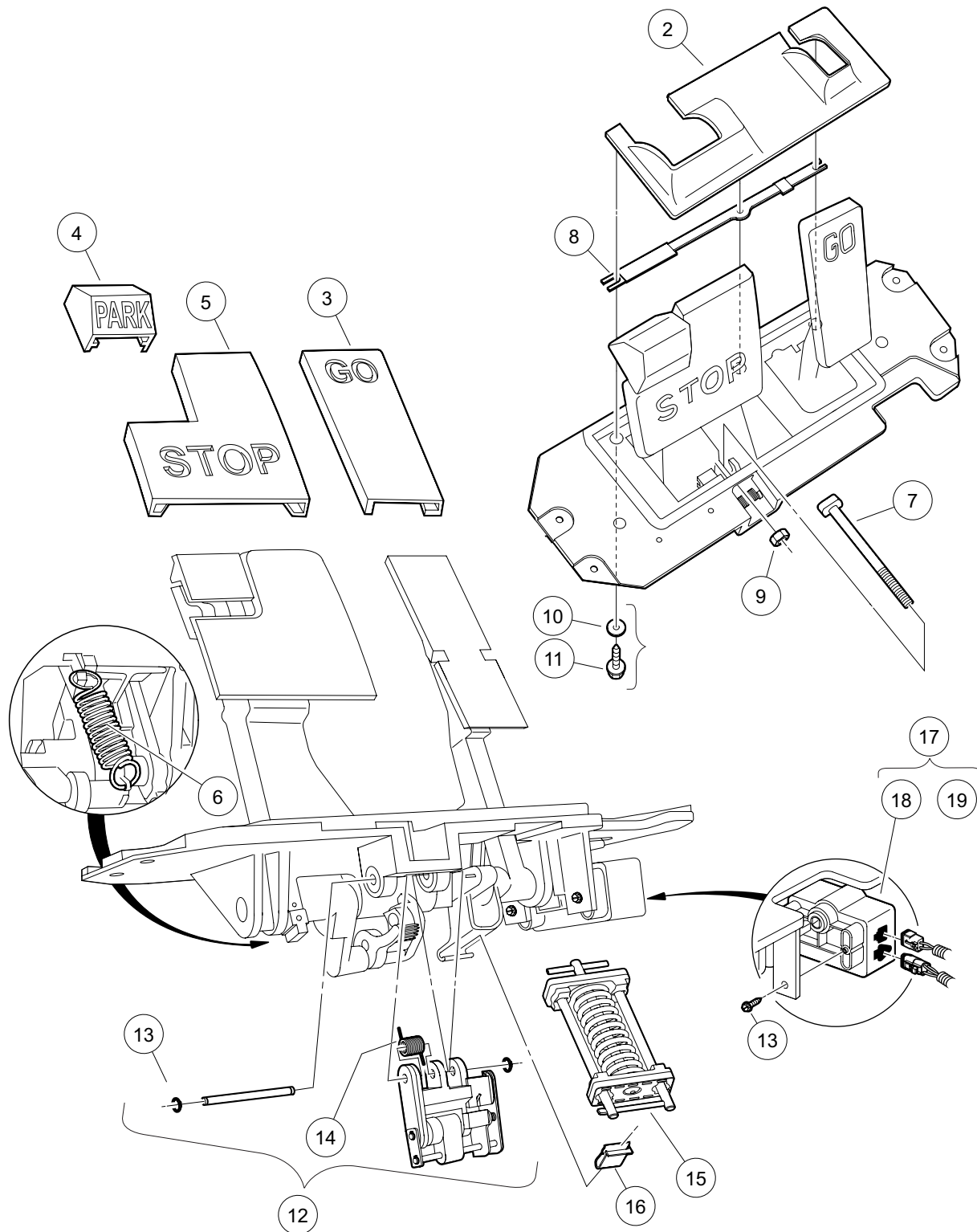
PEDAL GROUP COMPONENTS – GASOLINE VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102500101</u>	Asm, Pedal Box Gas (includes items 2 through 17)	1
2	<u>102558801</u>	Shield, Debris	1
3	<u>102558901</u>	Pad, Pedal, Accelerator	1
4	<u>102559001</u>	Pad, Pedal, Park	1
5	<u>102559101</u>	Pad, Pedal, Brake	1
6	<u>102559301</u>	Spring, Brake, Return	1
7	<u>102559401</u>	Rod, Brake	1
8	<u>102559601</u>	Shield, Debris, Aux	1
9	<u>102559701</u>	Nut, Brake Rod	1
10	<u>102563001</u>	Washer, Std Fender, #10	3
11	<u>102563101</u>	Screw, Type A, #10	5
12	<u>102587401</u>	Assembly Pawl Lock Headed Pins (includes items 13 and 14)	1
13	<u>102587501</u>	Clip, Push, Pawl	2
14	<u>103344301</u>	Spring, Pawl Return	1
15	<u>102588701</u>	Kit, Pedal Spring	1
16	<u>102588901</u>	Clip, U	1
17	<u>103327701</u>	Kit, Gcor (includes items 18 and 19)	1
18	N/A	GCOR, Prec	1
19	<u>103327801</u>	Instr, Kit Gcor/mcor	1

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000488-001

PEDAL GROUP COMPONENTS – ELECTRIC VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY	4 G E
		1 2 3 4		
1	<u>102500001</u>	Asm, Pedal Box Elec (includes items 2 through 17)	1	
2	<u>102558801</u>	Shield, Debris	1	
3	<u>102558901</u>	Pad, Pedal, Accelerator	1	
4	<u>102559001</u>	Pad, Pedal, Park	1	
5	<u>102559101</u>	Pad, Pedal, Brake	1	
6	<u>102559301</u>	Spring, Brake, Return	1	
7	<u>102559401</u>	Rod, Brake	1	
8	<u>102559601</u>	Shield, Debris, Aux	1	
9	<u>102559701</u>	Nut, Brake Rod	1	
10	<u>102563001</u>	Washer, Std Fender, #10	3	
11	<u>102563101</u>	Screw, Type A, #10	5	
12	<u>102587401</u>	Assembly Pawl Lock Headed Pins (includes items 13 and 14)	1	
13	<u>102587501</u>	Clip, Push, Pawl	2	
14	<u>103344301</u>	Spring, Pawl Return	1	
15	<u>102588701</u>	Kit, Pedal Spring	1	
16	<u>102588901</u>	Clip, U	1	
17	<u>103327901</u>	Kit, Mcor (includes items 18 and 19)	1	
18	N/A	Mcor, Prec	1	
19	<u>103327801</u>	Instr, Kit Gcor/mcor	1	

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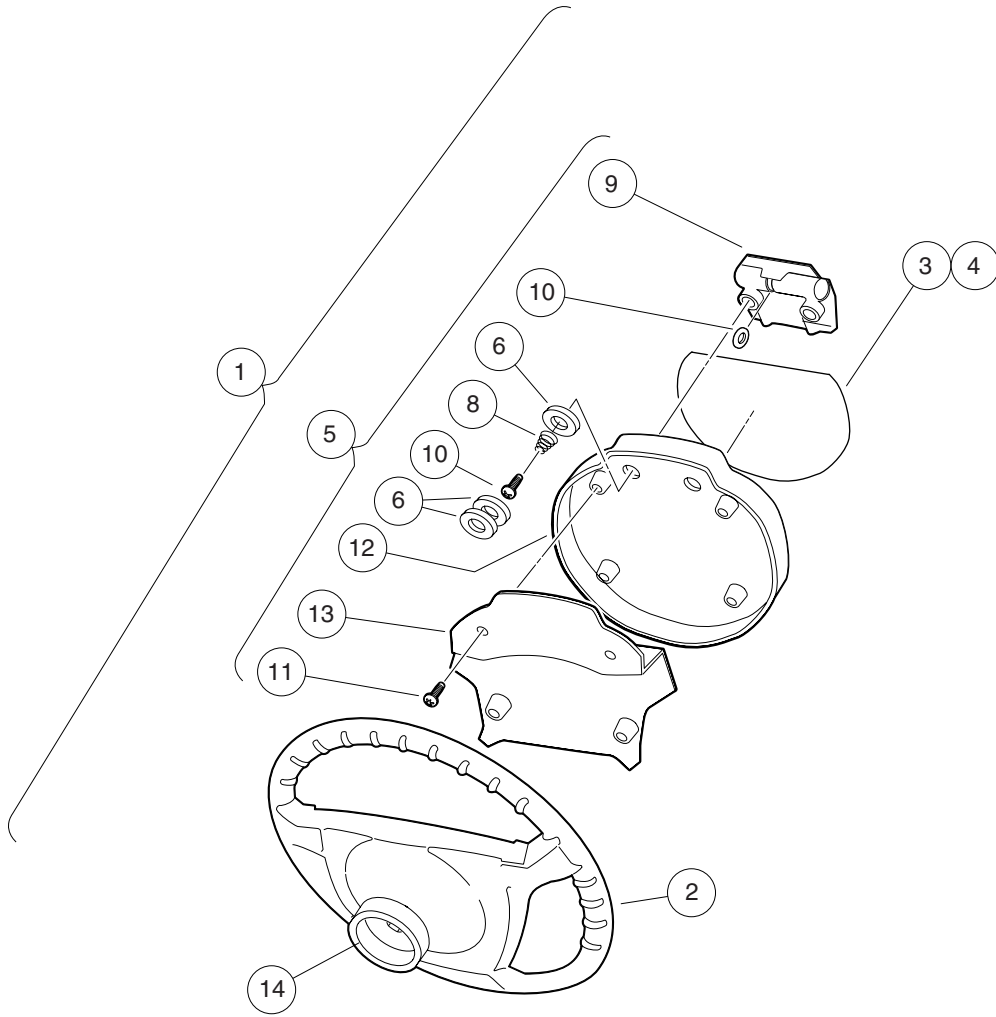
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STEERING, FRONT AND REAR SUSPENSION

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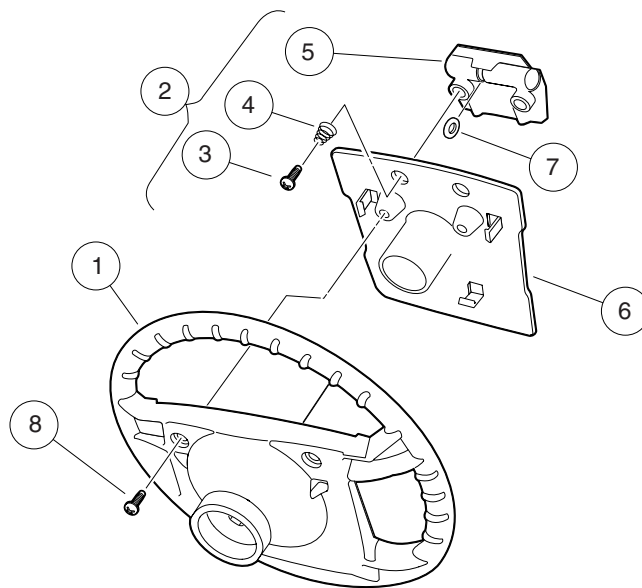
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000470-001

STEERING WHEEL – CHAMPION

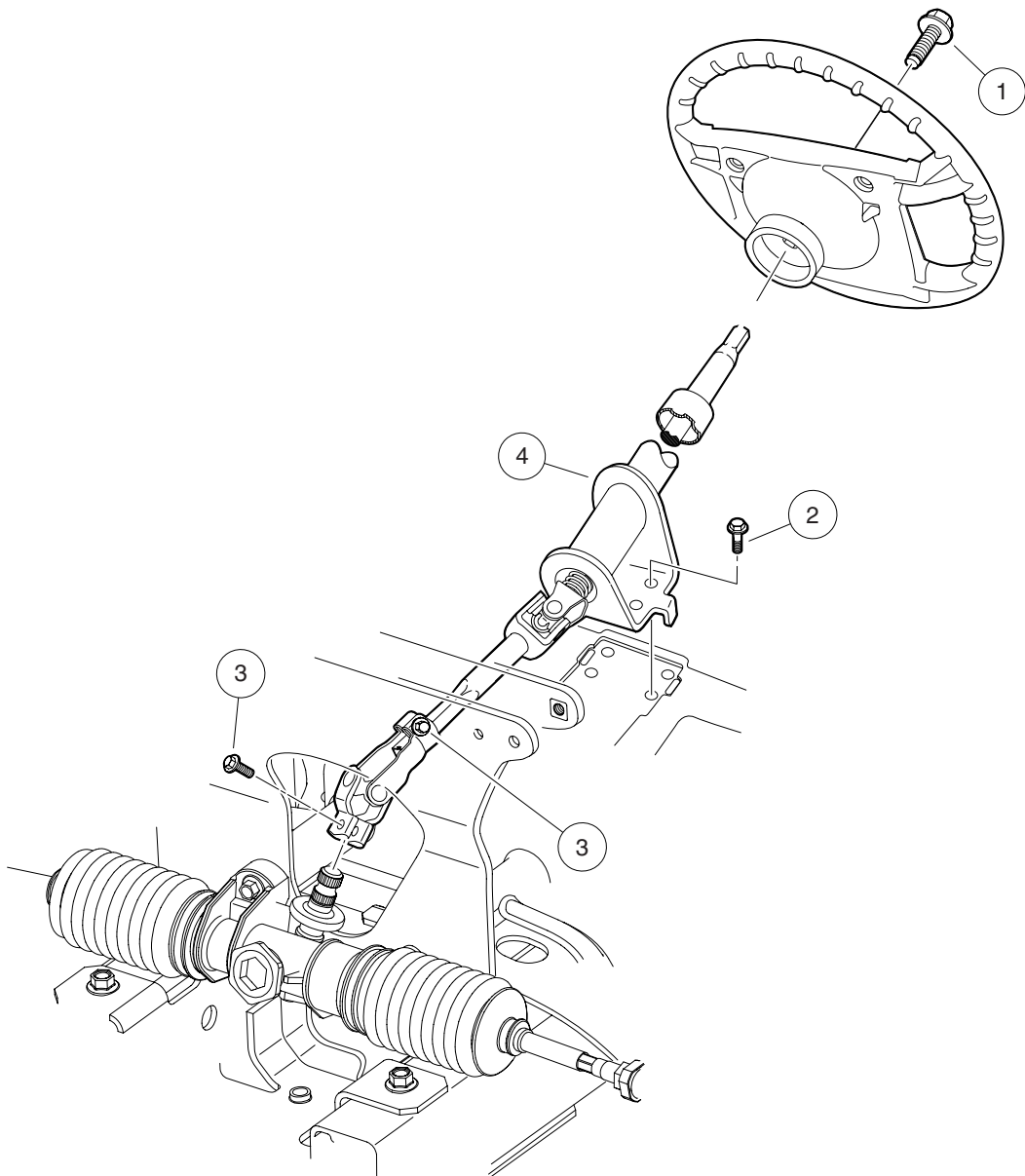
ITEM	PART NO.	DESCRIPTION	QTY	5 G E
		1 2 3 4		
1	AM1229401	Kit, Comfort Grip Conv, Hex (includes items 2 through 14)	1	
2	N/A	Steering Wheel, Comfort Grip, Hex	1	
3	<u>102538101</u>	Decal, Operating Instructions	1	
4	<u>102538201</u>	Decal, Operating Instructions	1	
5	102540801	Scorecard Plate Assembly (includes items 6 through 13)	1	
6	<u>1011697</u>	Washer, 5/16 Flat	6	
7	<u>1012565</u>	Screw, #12 Phillips Round Head	2	
8	<u>1012566</u>	Tapered Compression Spring	2	
9	1016154	Clip, Scorecard	1	
10	<u>1016214</u>	Pencil Grip	1	
11	<u>102296020</u>	Screw, Torx Pan Hd Pt, M6 X 20	4	
12	N/A	Scorecard Plate, Comfort Grip	1	
13	N/A	Scorecard Back Plate	1	
14	<u>102571301</u>	Shroud, Steering Column	1	



000471-001

STEERING WHEEL – PROFESSIONAL

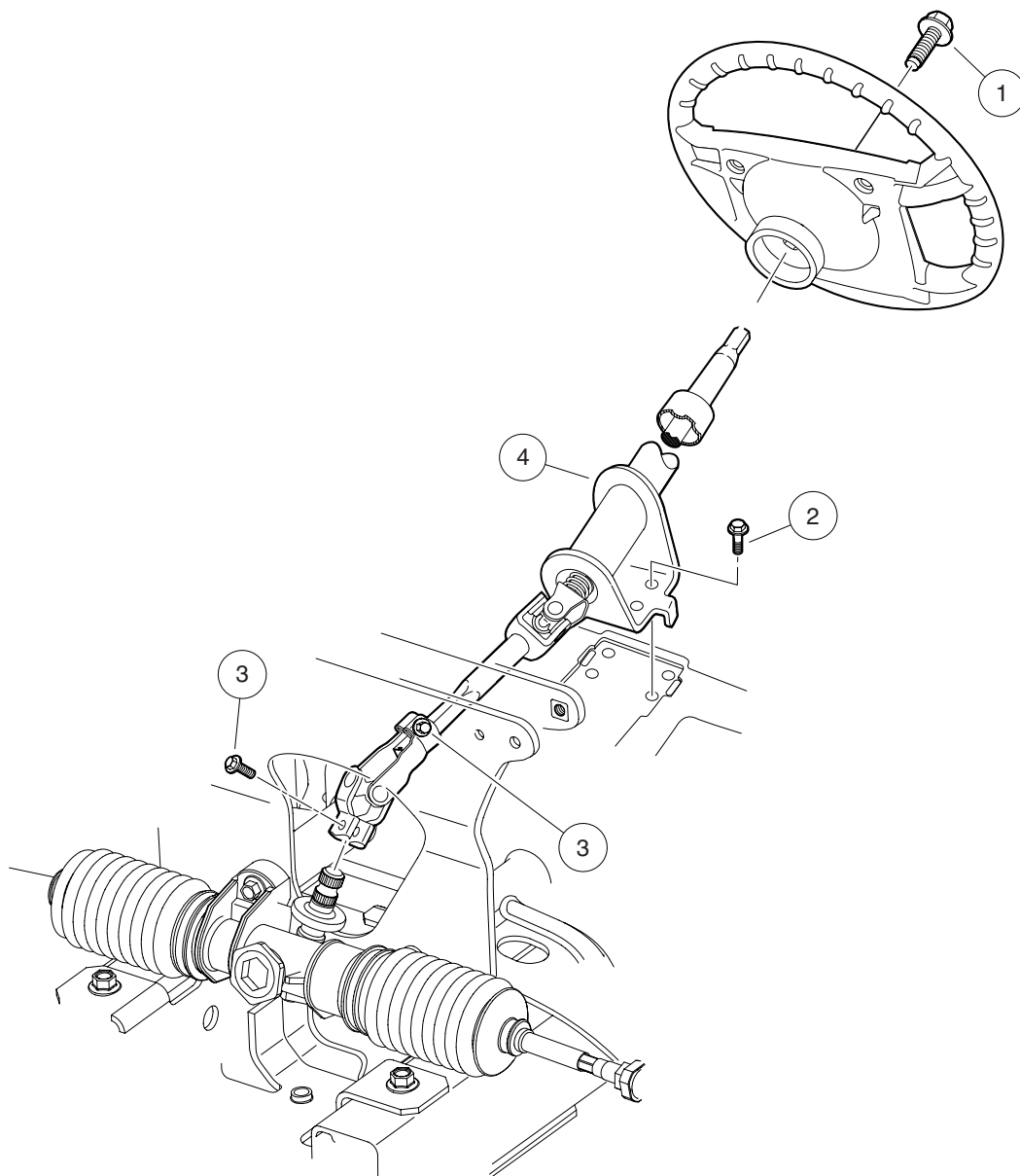
ITEM	PART NO.	DESCRIPTION	QTY	5 G E
		1 2 3 4		
1	<u>101615602</u>	Wheel Assy, Tri-Lobe Steering	1	
2	1016219	Plate, Scorecard (includes items 3 through 7)	1	
3	<u>1012565</u>	Screw, #12 Phillips Round Head	2	
4	<u>1012566</u>	Tapered Compression Spring	2	
5	1016154	Clip, Scorecard	1	
6	N/A	Plate, Score Card	1	
7	<u>1016214</u>	Pencil Grip	1	
8	<u>1016663</u>	Screw, #12-14 X 0.625	2	



000469-002

STEERING COLUMN – GASOLINE VEHICLES

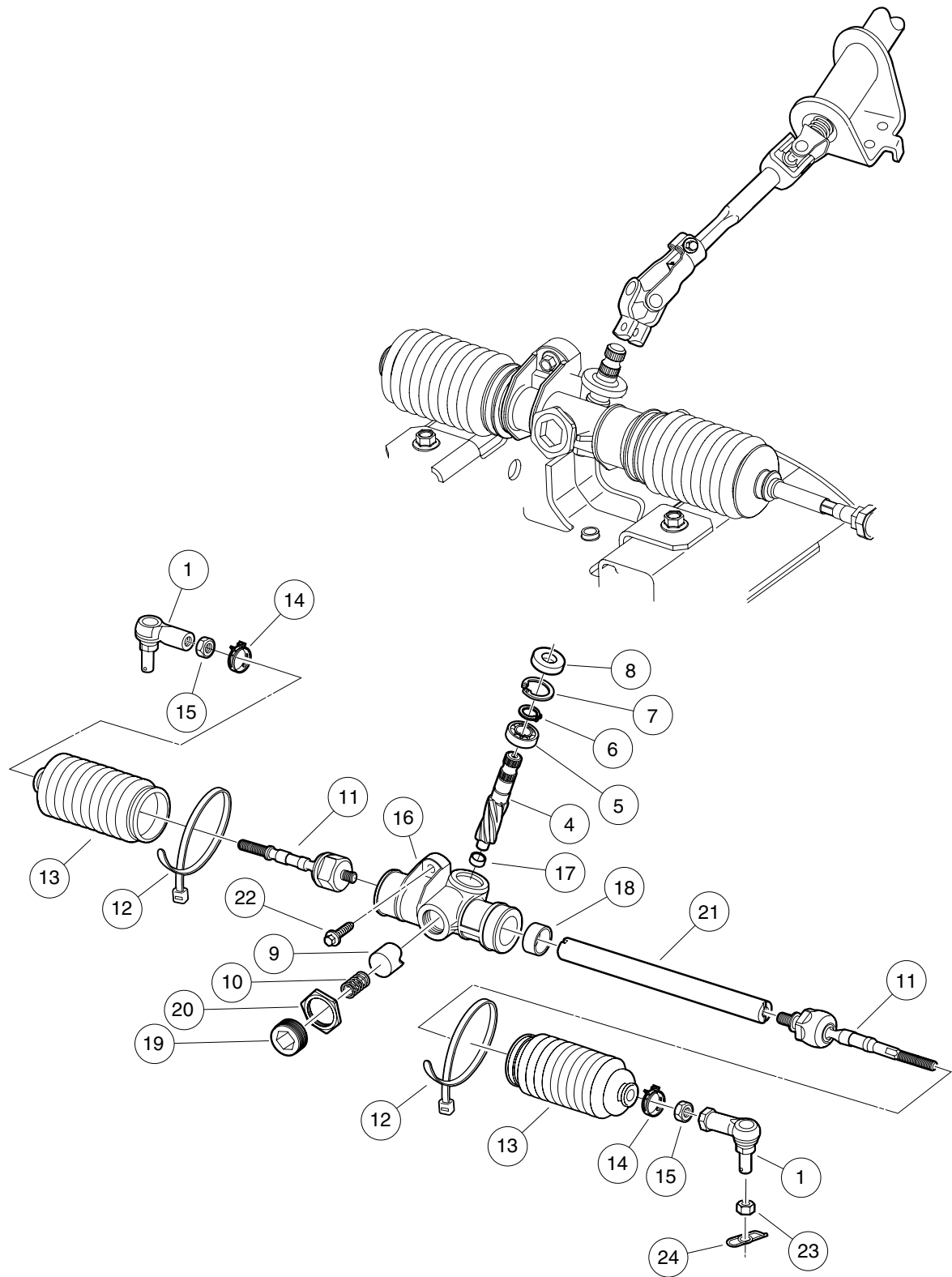
ITEM	PART NO.	DESCRIPTION	QTY	5 G E
		1 2 3 4		
1	102290120	Bolt, M10 X 20 Hex Washer Hd	1	
2	<u>102298116</u>	Bolt - Flanged Hd, M8 X 16.0	4	
3	<u>102298130</u>	Bolt, Flange Head, M8 X 30.0	2	
4	<u>103209501</u>	Assy, Steering Column, Ld	1	



000469-001

STEERING COLUMN – ELECTRIC VEHICLES

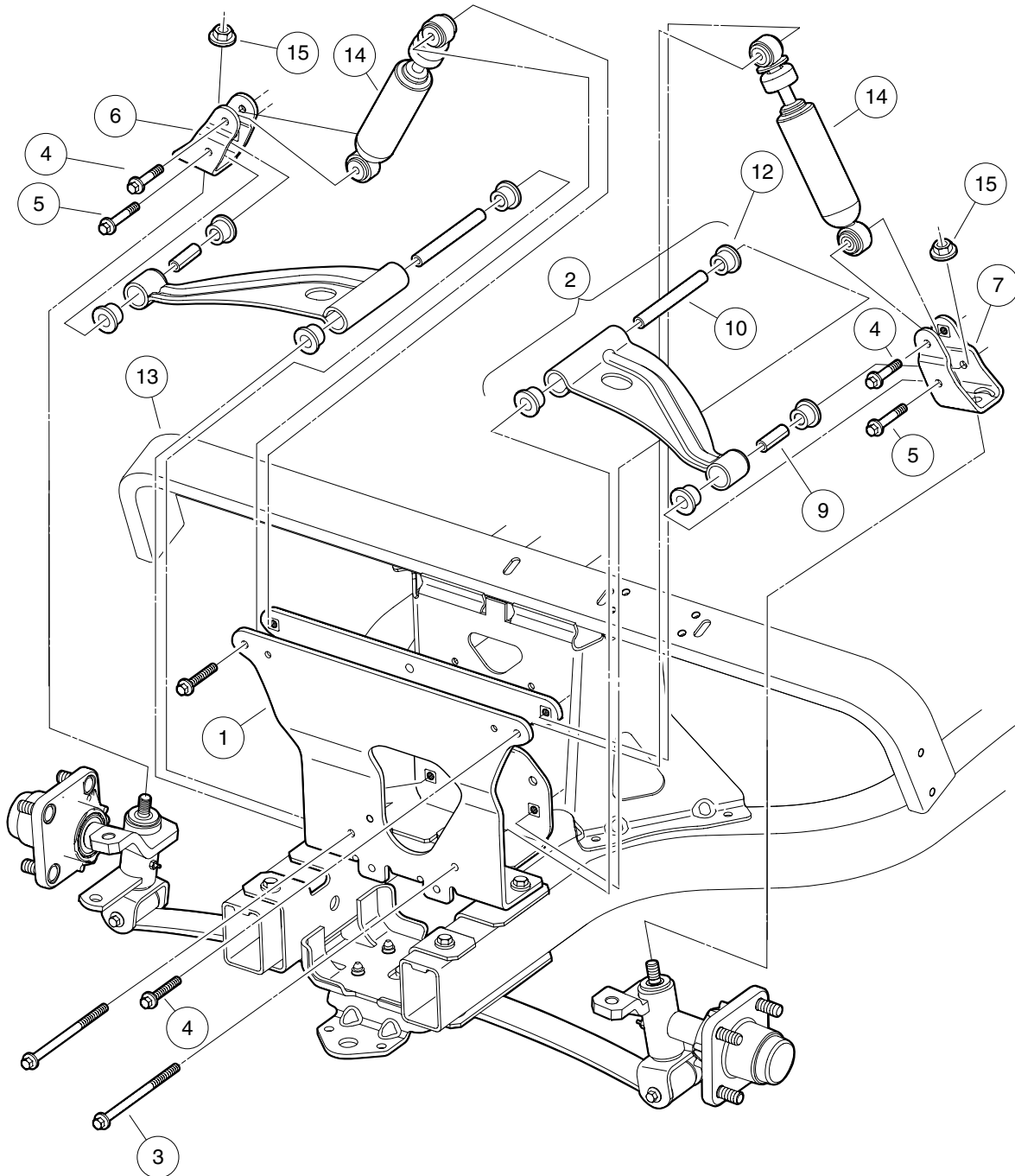
ITEM	PART NO.	DESCRIPTION	QTY	5 G E
1	102290120	Bolt, M10 X 20 Hex Washer Hd	1	
2	<u>102298116</u>	Bolt - Flanged Hd, M8 X 16.0	4	
3	<u>102298130</u>	Bolt, Flange Head, M8 X 30.0	2	
4	<u>102507101</u>	Steering Column Assembly	1	



000476-001

STEERING GEAR ASSEMBLY

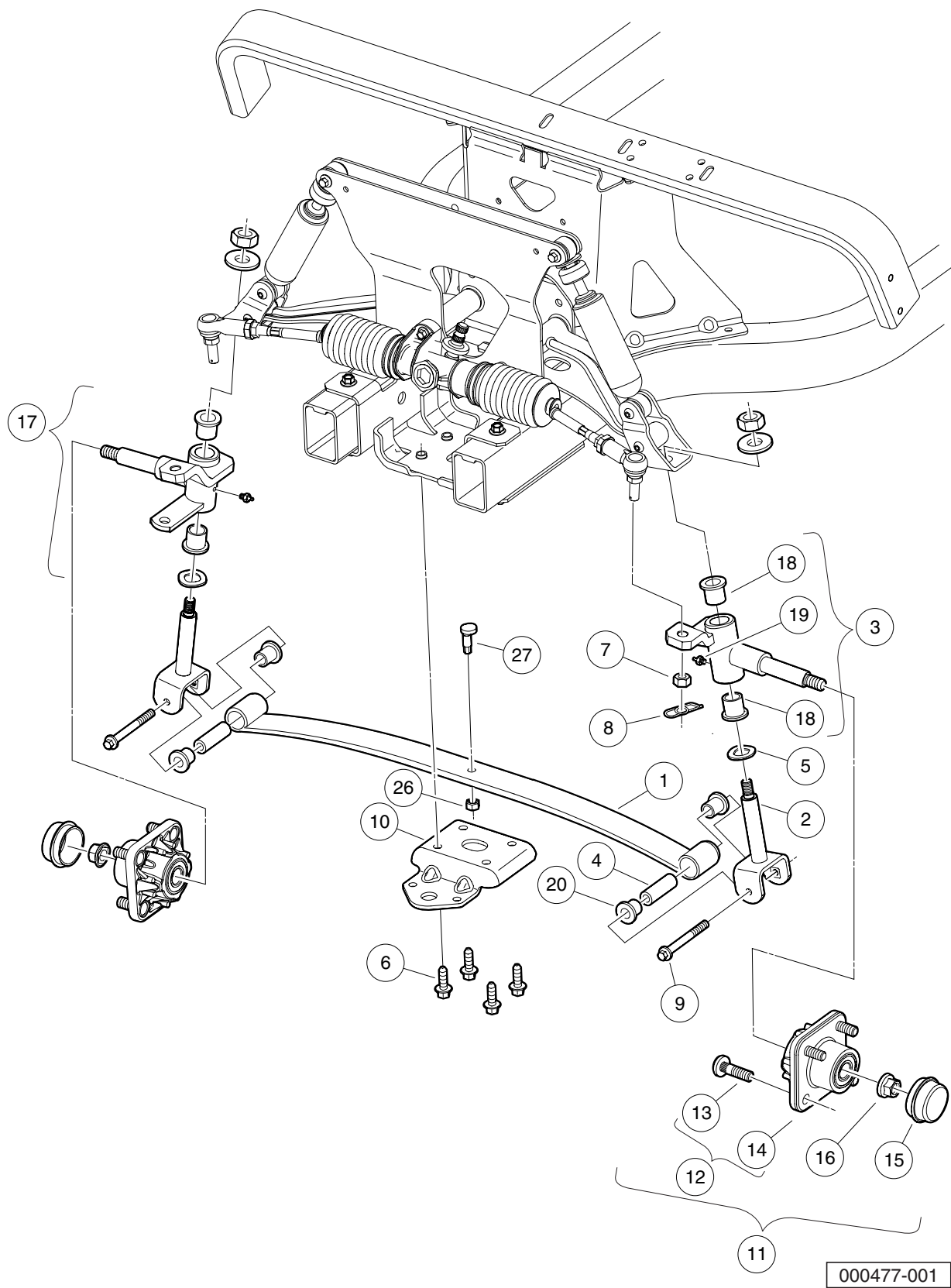
ITEM	PART NO.	DESCRIPTION	QTY	5 G E
		1 2 3 4		
1	<u>102022601</u>	End, Tie Rod M12 X 1.25	2	
2	<u>102288601</u>	Steering Gear Box Assembly (includes items 3 through 21)	1	
3	<u>102564901</u>	Asm, Pinion, Steer Gear, Prec (includes items 4 through 6)	1	
4	N/A	Pinion, Steering	1	
5	N/A	Bearing, Ball	1	
6	N/A	Ring, Retaining	1	
7	<u>102565101</u>	Ring, C-type, Stop, Prec	1	
8	<u>102565201</u>	Seal, Dust, Steering, Pinion	1	
9	<u>102565301</u>	Yoke, Support	1	
10	<u>102565401</u>	Spring, Yoke, Prec	1	
11	<u>102565701</u>	Assy, Ball Joint, Inner, Prec	2	
12	<u>102565801</u>	Wrap, Tie, Steel, Prec	2	
13	<u>102565901</u>	Bellows, Steering	2	
14	<u>102566001</u>	Clip, Steering, Prec	2	
15	<u>102566101</u>	Nut,m12-1.25,jam,steer,prec	2	
16	N/A	Housing, Pinion (includes items 17 and 18)	1	
17	N/A	Bearing, Needle	1	
18	N/A	Bushing, Rack	1	
19	N/A	Plug, Yoke	1	
20	N/A	Nut, Lock, Rack Screw	1	
21	N/A	Rack, Steering	1	
22	<u>102289001</u>	Screw, M8X1.25X30, Hex	3	
23	<u>102289201</u>	Nut - Hex Locking, M12 X 1.25	2	
24	<u>102289301</u>	Rue Ring - 1/2"	2	



000445-001

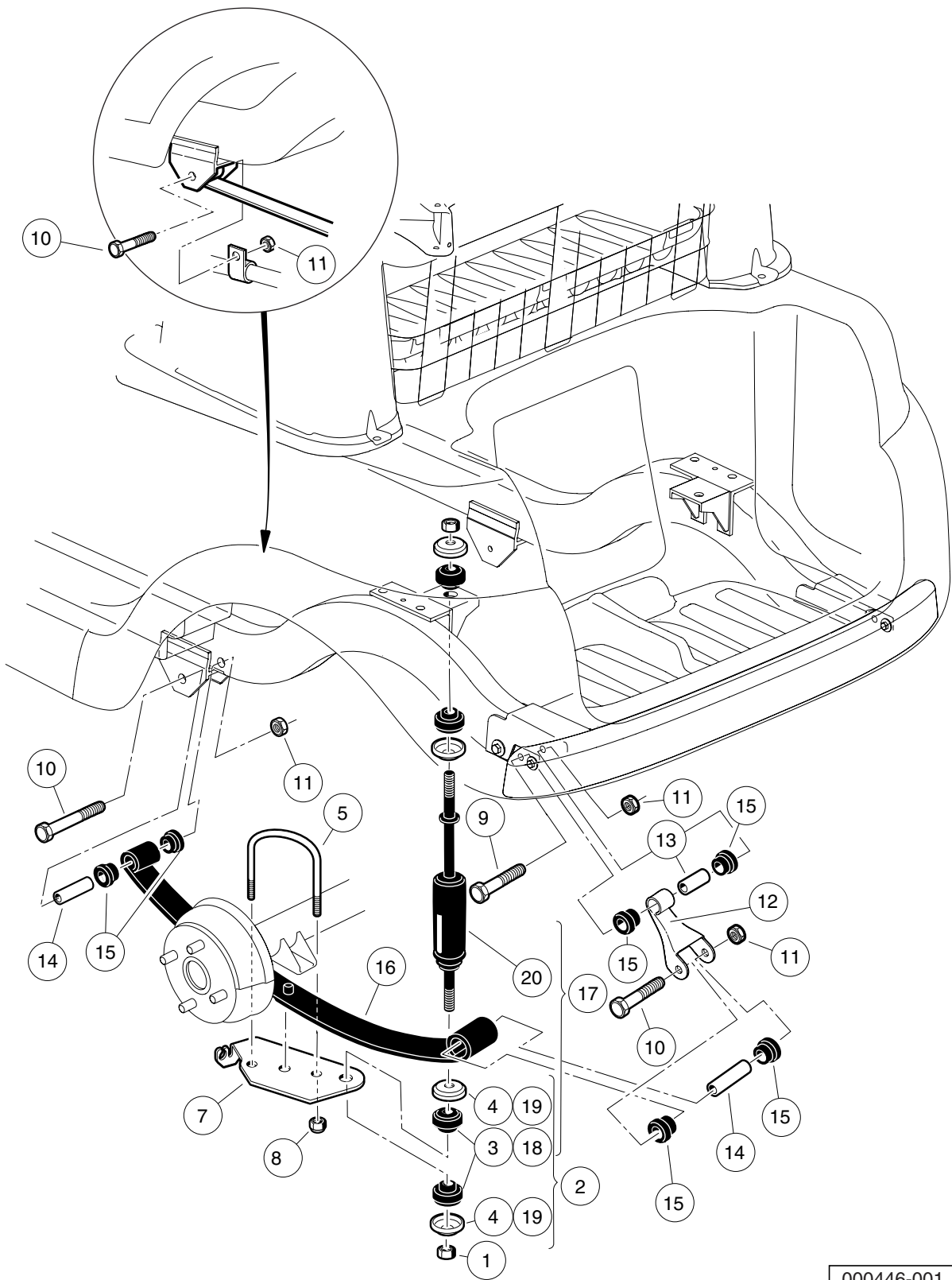
FRONT SUSPENSION, UPPER

ITEM	PART NO.	DESCRIPTION	QTY	5 G E
		1 2 3 4		
1	<u>102287101</u>	Assembly - Front Structure	1	
2	<u>102287301</u>	Asm - Control Arm Bushing	2	
3	<u>102288901</u>	Bolt-hex FI, M8 X 1.25 X 135	2	
4	<u>102289401</u>	Screw- Hex Cap, M8 X 1.25 X 45	4	
5	<u>102289501</u>	Screw- Hex Cap, M8 X 1.25 X 70	2	
6	<u>102289601</u>	Upper Clevis Assembly - Rh	1	
7	<u>102289701</u>	Upper Clevis Assembly - Lh	1	
8	<u>102289901</u>	Kit, Susp, Bushing Joints (includes items 9 through 12)	1	
9	<u>102287601</u>	Sleeve - Rolled, Outer	2	
10	<u>102287701</u>	Sleeve - Rolled, Inner	2	
11	<u>102288101</u>	Sleeve - Rolled, Spring	2	
12	<u>102956201</u>	Bushing, Urethane, Short, Prec	12	
13	<u>102505701</u>	Assembly, Dash Support	1	
14	<u>102588601</u>	Shock Absorber Front Prv Spd	2	
15	<u>102878201</u>	Nut, Lock,m12,washer,conical	2	
Note: Item 2 includes bushings and sleeves. Item 8 (not shown) includes bushings and sleeves for control arms, and front suspension leaf spring. See lower suspension page for illustration of item 11.				



FRONT SUSPENSION, LOWER

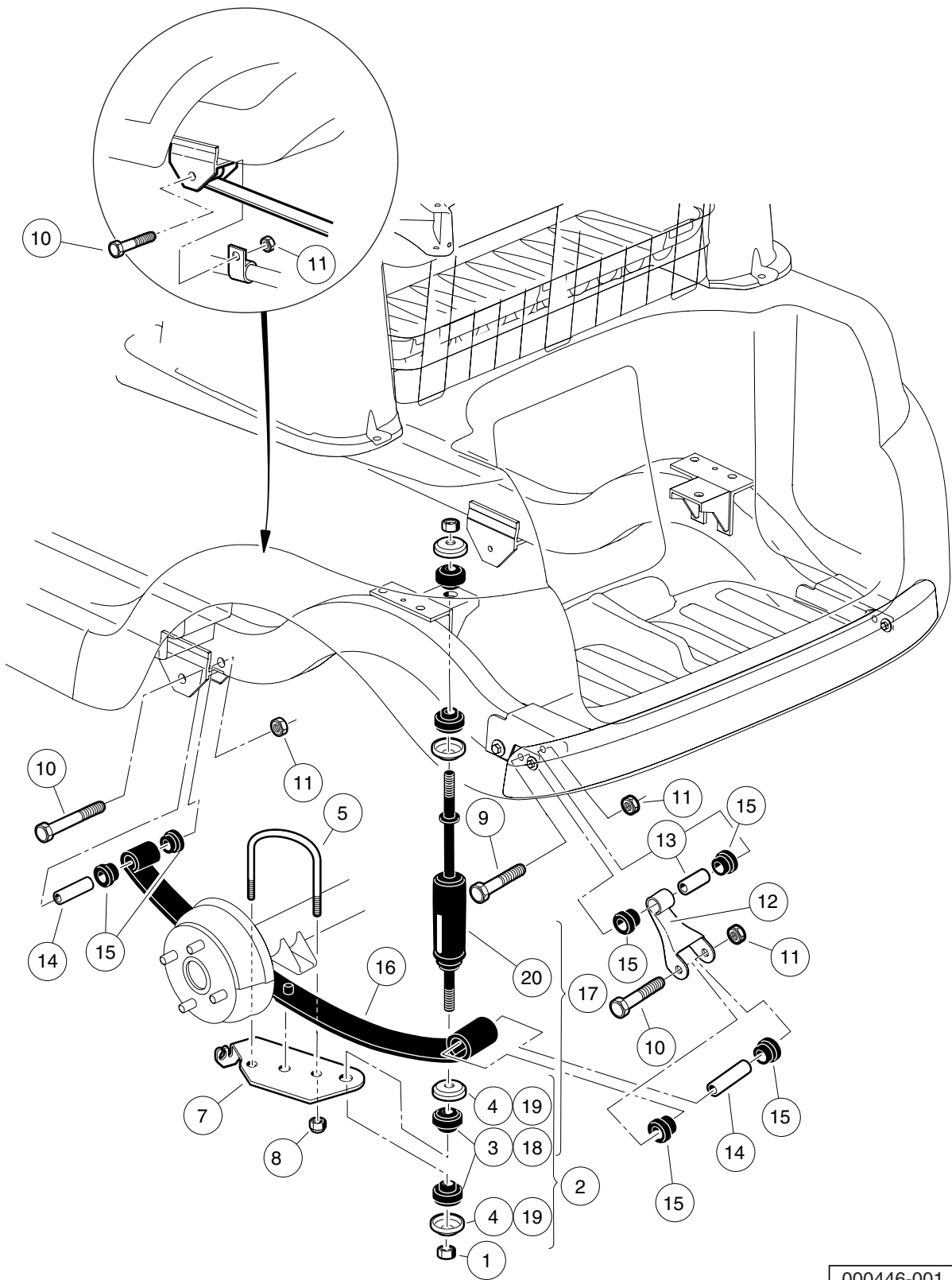
ITEM	PART NO.	DESCRIPTION	QTY	5 G E
		1 2 3 4		
1	<u>1012030</u>	Spring, Front Leaf	1	
2	<u>102287201</u>	Assembly - King Pin	2	
3	<u>102287901</u>	Knuckle Spindle Asm - Lh	1	
4	<u>102288101</u>	Sleeve - Rolled, Spring	2	
5	<u>102288401</u>	Wave Washer - Kingpin	2	
6	<u>102289101</u>	Screw-m10x1.5, Trilob, Hex Fl	4	
7	<u>102289201</u>	Nut - Hex Locking, M12 X 1.25	2	
8	<u>102289301</u>	Rue Ring - 1/2"	2	
9	<u>102289501</u>	Screw- Hex Cap, M8 X 1.25 X 70	2	
10	<u>102289801</u>	Clamp - Leaf Spring	1	
11	<u>102357701</u>	Replacement Kit, Front Hub (includes items 12 through 16)	1	
12	N/A	Front Hub Assembly, Ball Bearing (includes items 13 and 14)	1	
13	<u>102353401</u>	Lug Stud, 1/2-20 UNF, 4037 Stl	4	
14	N/A	Hub, Front	1	
15	<u>102353201</u>	Cap, Front Hub	1	
16	<u>102353301</u>	Hex Nut, Locking Flange, M14x2	1	
17	<u>102878101</u>	Assy, Knuckle, Right Side (includes items 18 and 19)	1	
18	N/A	Bushings, Knuckle Spindle Asym	2	
19	N/A	Fitting, Grease, Knuckle Spindle Asym	1	
20	<u>102956201</u>	Bushing, Urethane, Short, Prec	4	
21	<u>102973801</u>	Kit, Susp, Kingpin Joints (includes items 22 through 25)	1	
22	<u>102287201</u>	Assembly - King Pin	2	
23	<u>102288201</u>	Bushing - Flanged	4	
24	<u>102288401</u>	Wave Washer - Kingpin	2	
25	<u>102878201</u>	Nut, Lock,m12,washer,conical	2	
26	<u>706</u>	Nut, Hex 3/8-16	1	
27	<u>8745</u>	Screw, Eccentric Adjustment	1	



000446-001

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>1012181</u>	Bracket, Shock Mounting, Right (Passenger)	1	
7	<u>1012182</u>	Bracket, Shock Mounting, Left (Driver)	1	
8	<u>1014555</u>	Locknut, 7/16-14 Nylon Insert	4	
9	<u>102298170</u>	Bolt - Flange Hd, M8 X 70.0	2	
10	<u>102298185</u>	Bolt - Flange Hd, M8 X 85.0	4	
11	<u>102298401</u>	Nut,m8,all Metal Lock	6	
12	<u>102506201</u>	Shackle - Rear	2	
13	<u>102506301</u>	Sleeve - Shackle Upper	2	
14	<u>102506401</u>	Sleeve - Spring Eye Mounts	4	
15	<u>102506601</u>	Bushing - Urethane	12	
16	<u>102513001</u>	Rear Leaf Spring, Gas	2	
17	N/A	Kit, Shock Absorber, Private Speed (includes items 18 through 20)	1	
18	N/A	Cushion, Shock Absorber	8	
19	N/A	Retainer, Shock Absorber Cushion	8	
20	<u>102588501</u>	Shock Absorber Rear Prv Spd	2	



000446-001

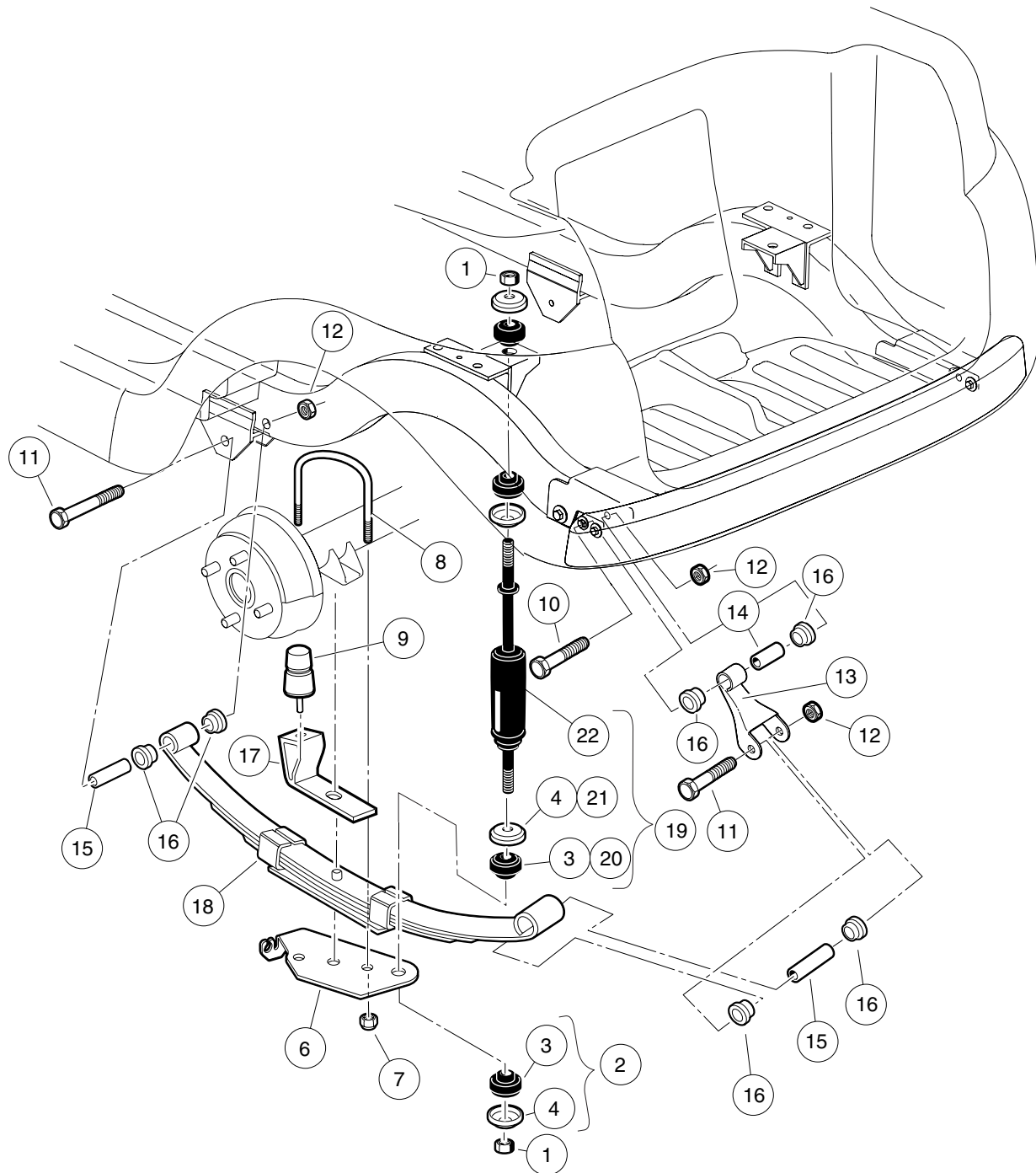
REAR SUSPENSION – ELECTRIC VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		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>1014555</u>	Locknut, 7/16-14 Nylon Insert	4
9	<u>102298170</u>	Bolt - Flange Hd, M8 X 70.0	2
10	<u>102298185</u>	Bolt - Flange Hd, M8 X 85.0	4
11	<u>102298401</u>	Nut,m8,all Metal Lock	6
12	<u>102506201</u>	Shackle - Rear	2
13	<u>102506301</u>	Sleeve - Shackle Upper	2
14	<u>102506401</u>	Sleeve - Spring Eye Mounts	4
15	<u>102506601</u>	Bushing - Urethane	12
16	<u>102509301</u>	Rear Leaf Spring, Elec	2
17	N/A	Kit, Shock Absorber, Private Speed (includes items 18 through 20)	1
18	N/A	Cushion, Shock Absorber	8
19	N/A	Retainer, Shock Absorber Cushion	8
20	<u>102588501</u>	Shock Absorber Rear Prv Spd	2

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REAR SUSPENSION – PRECEDENT VILLAGER 4

ITEM	PART NO.	DESCRIPTION	QTY
		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	1012181	Bracket, Shock Mounting, Right (Passenger)	1
6	1012182	Bracket, Shock Mounting, Left (Driver)	1
7	<u>1014555</u>	Locknut, 7/16-14 Nylon Insert	4
8	<u>1014902</u>	U-Bolt	2
9	<u>1017235</u>	Bumper, Jounce	2
10	<u>102298170</u>	Bolt - Flange Hd, M8 X 70.0	2
11	<u>102298185</u>	Bolt - Flange Hd, M8 X 85.0	4
12	<u>102298401</u>	Nut,m8,all Metal Lock	6
13	<u>102506201</u>	Shackle - Rear	2
14	<u>102506301</u>	Sleeve - Shackle Upper	2
15	<u>102506401</u>	Sleeve - Spring Eye Mounts	4
16	<u>102506601</u>	Bushing - Urethane	12
17	<u>102534801</u>	Jounce Bumper Bracket	2
18	<u>102544901</u>	Spril, Leaf, Rear	2
19	N/A	Kit, Shock Absorber, Private Speed (includes items 20 through 22)	A/R
20	N/A	Cushion, Shock Absorber	8
21	N/A	Retainer, Shock Absorber Cushion	8
22	<u>102588501</u>	Shock Absorber Rear Prv Spd	2

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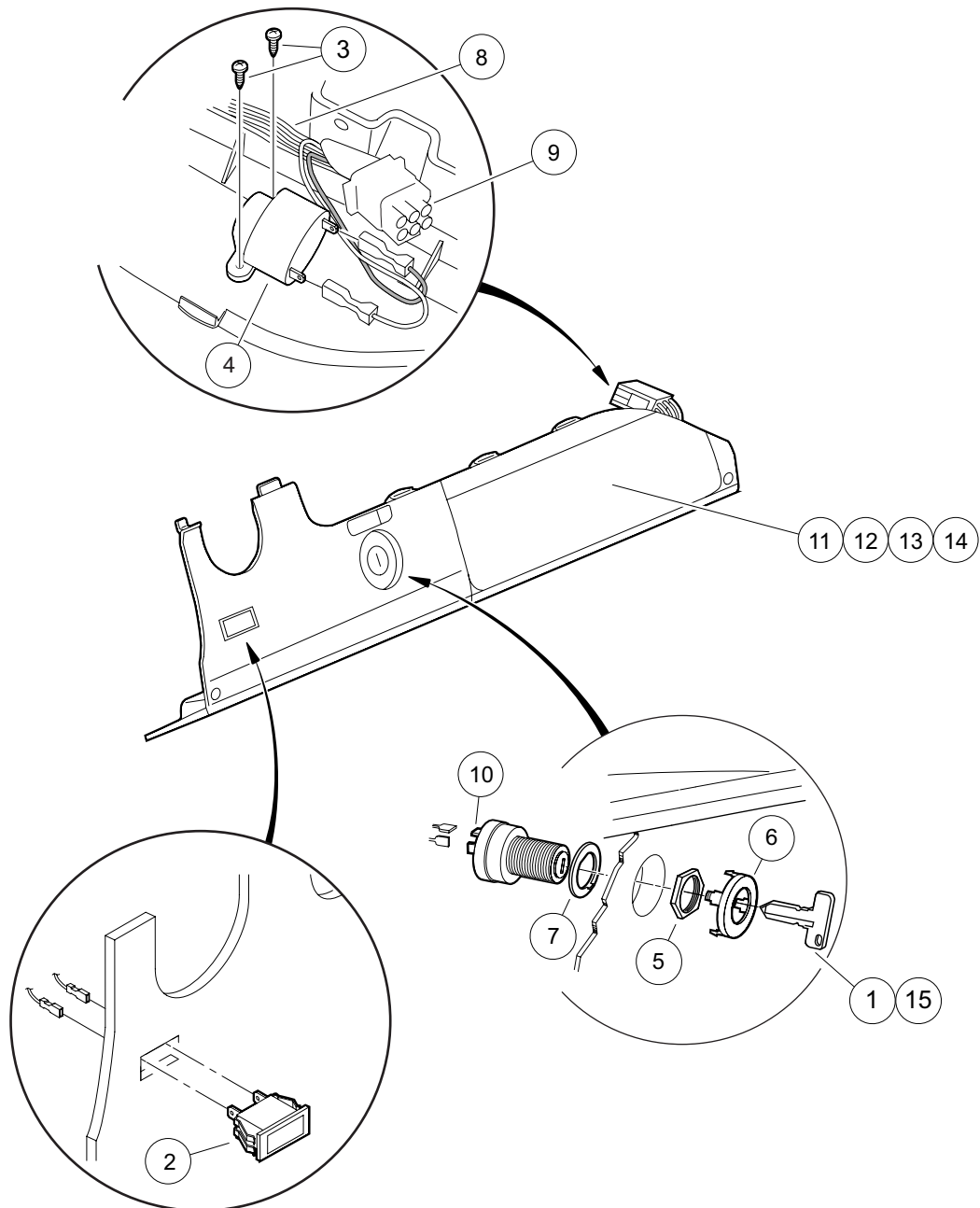
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ELECTRICAL SYSTEM – GASOLINE VEHICLE

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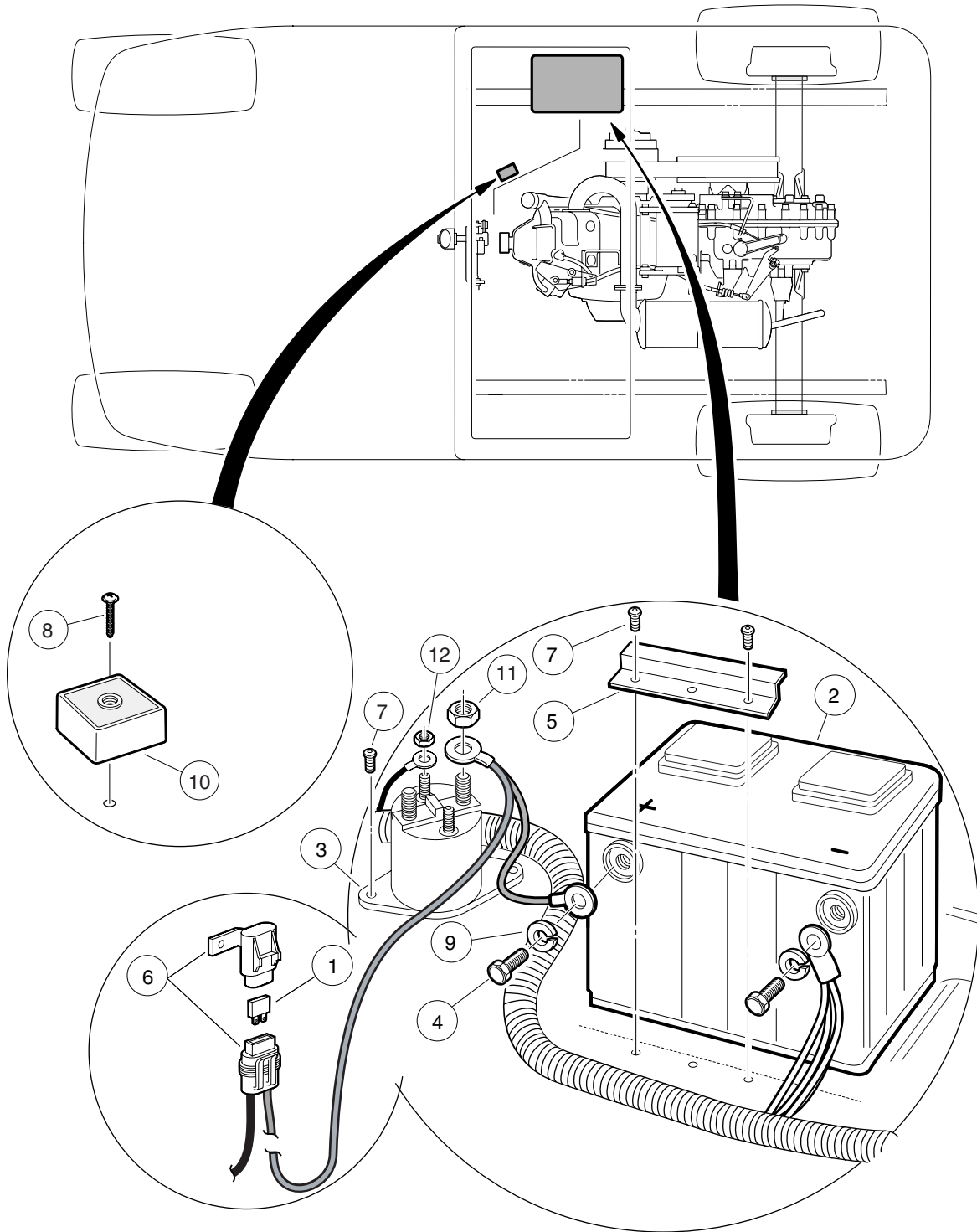
000490-002

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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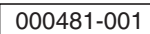
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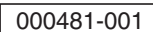
BATTERY – GASOLINE VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1012295</u>	Fuse, 10-Amp	1
2	<u>1012328</u>	Battery, 12-Volt	1
3	<u>1013609</u>	Solenoid, 12-Volt	1
4	<u>1014375</u>	Screw, 3/8-16 X 0.50 Stainless Steel Hex-Head	2
5	<u>101898001</u>	Clamp, Battery	1
6	N/A	Cover, Fuse, Sealed, Metri	1
7	<u>102296020</u>	Screw, Torx Pan Hd Pt, M6 X 20	4
8	<u>102296040</u>	Screw, Torx Pan Hd Pt, M6 X 40	1
9	<u>102355301</u>	Lockwasher, 3/8 Stainless Stl	2
10	<u>102803301</u>	Asm, Voltage Regulator, Prec.	1
11	<u>1242</u>	Nut, 5/16-18 Hex	2
12	<u>7893</u>	Nut, #10-32 Hex	2

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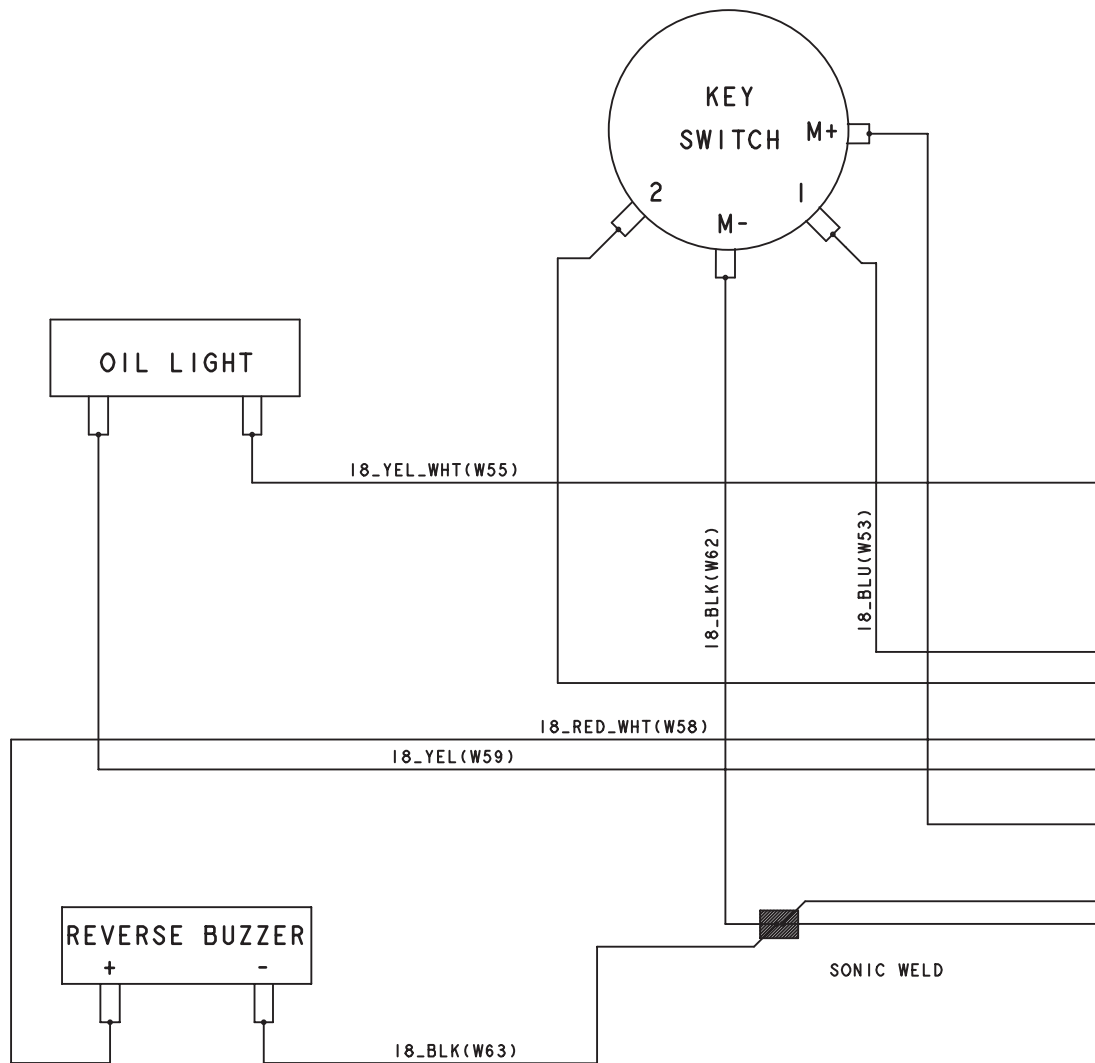




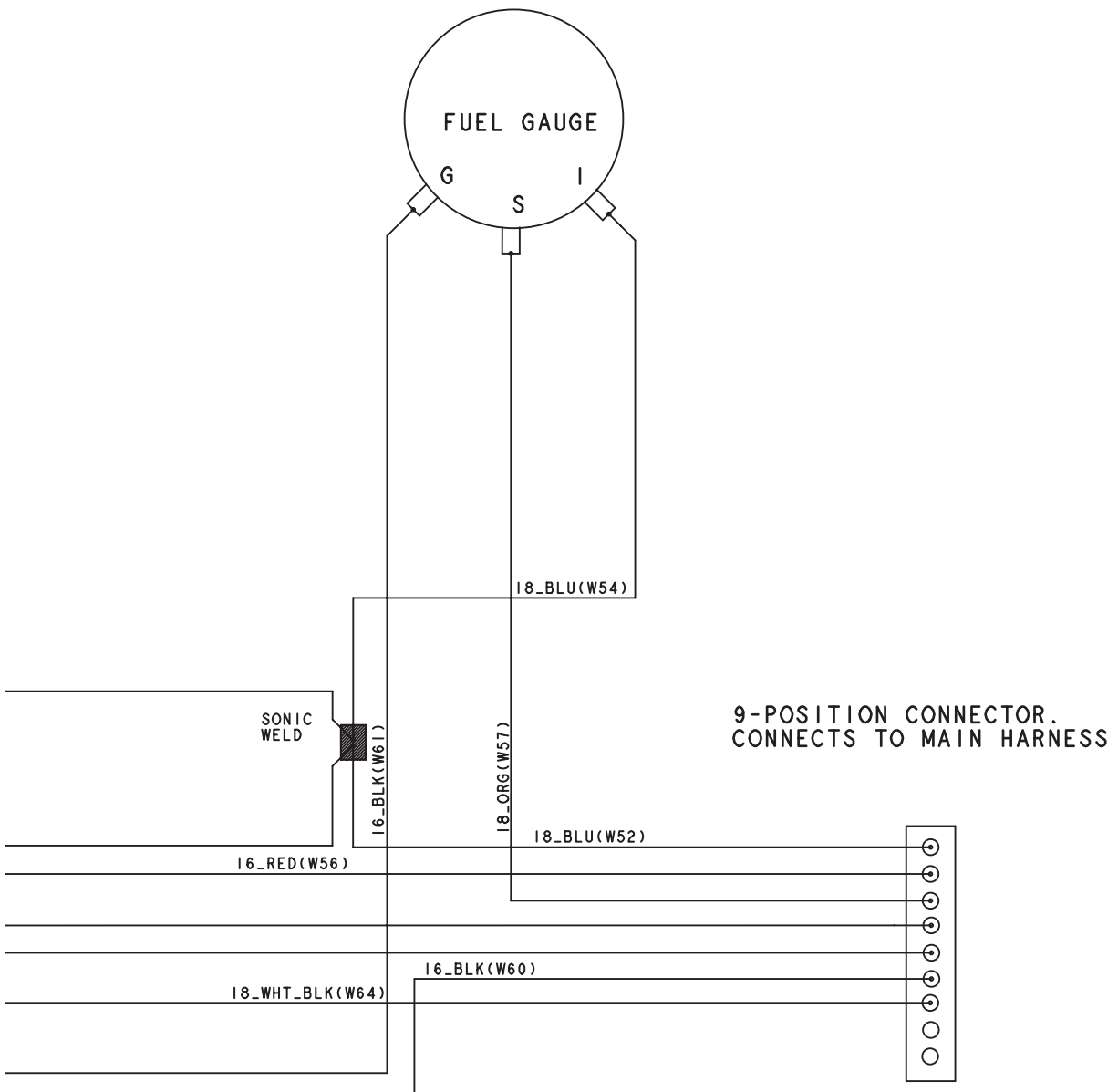
See previous two pages for illustration.

WIRING – GASOLINE VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY	6
1	<u>102586201</u>	1 2 3 4 Main Harness, Gas	1	G



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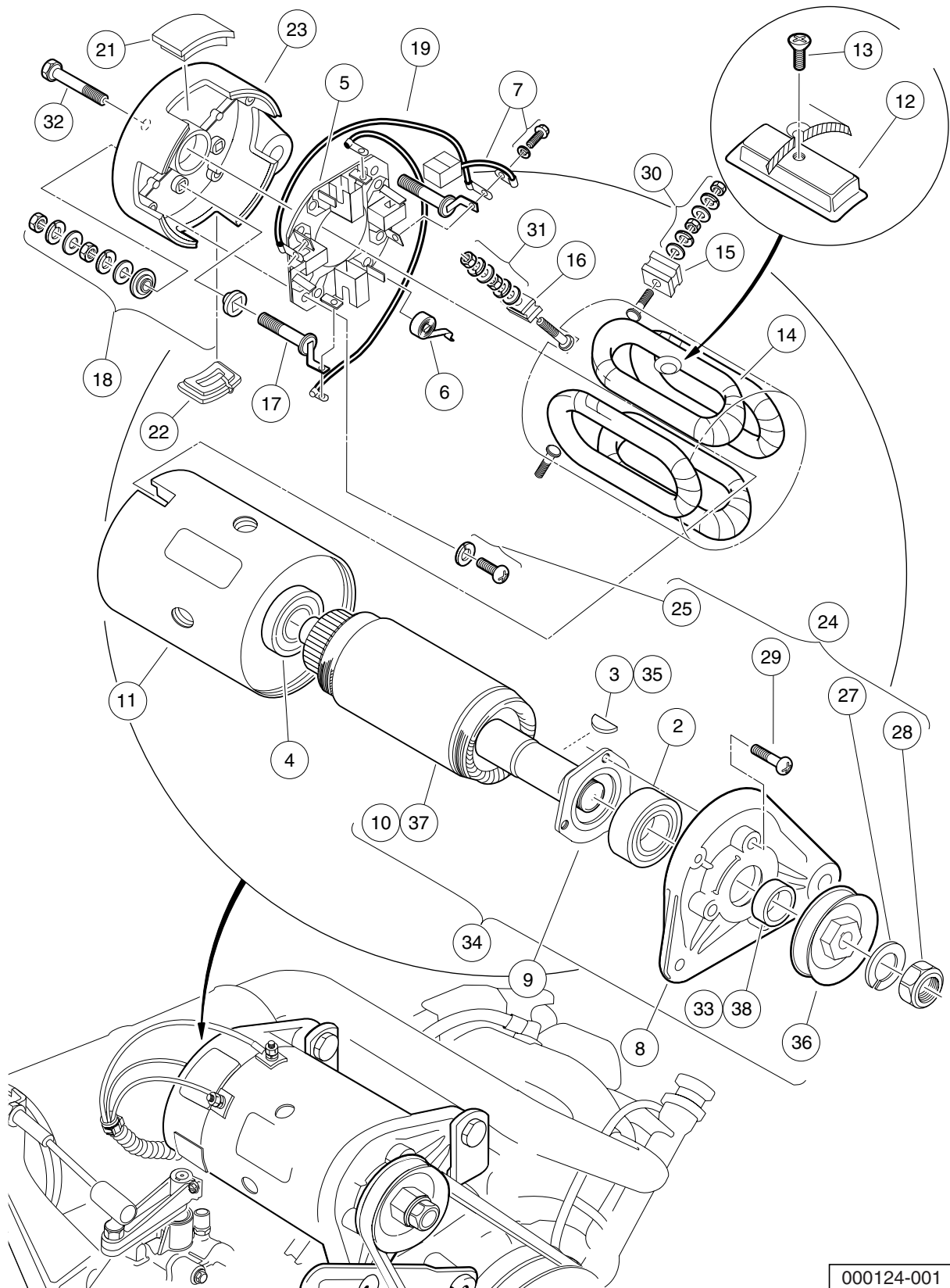
See previous two pages for illustration.

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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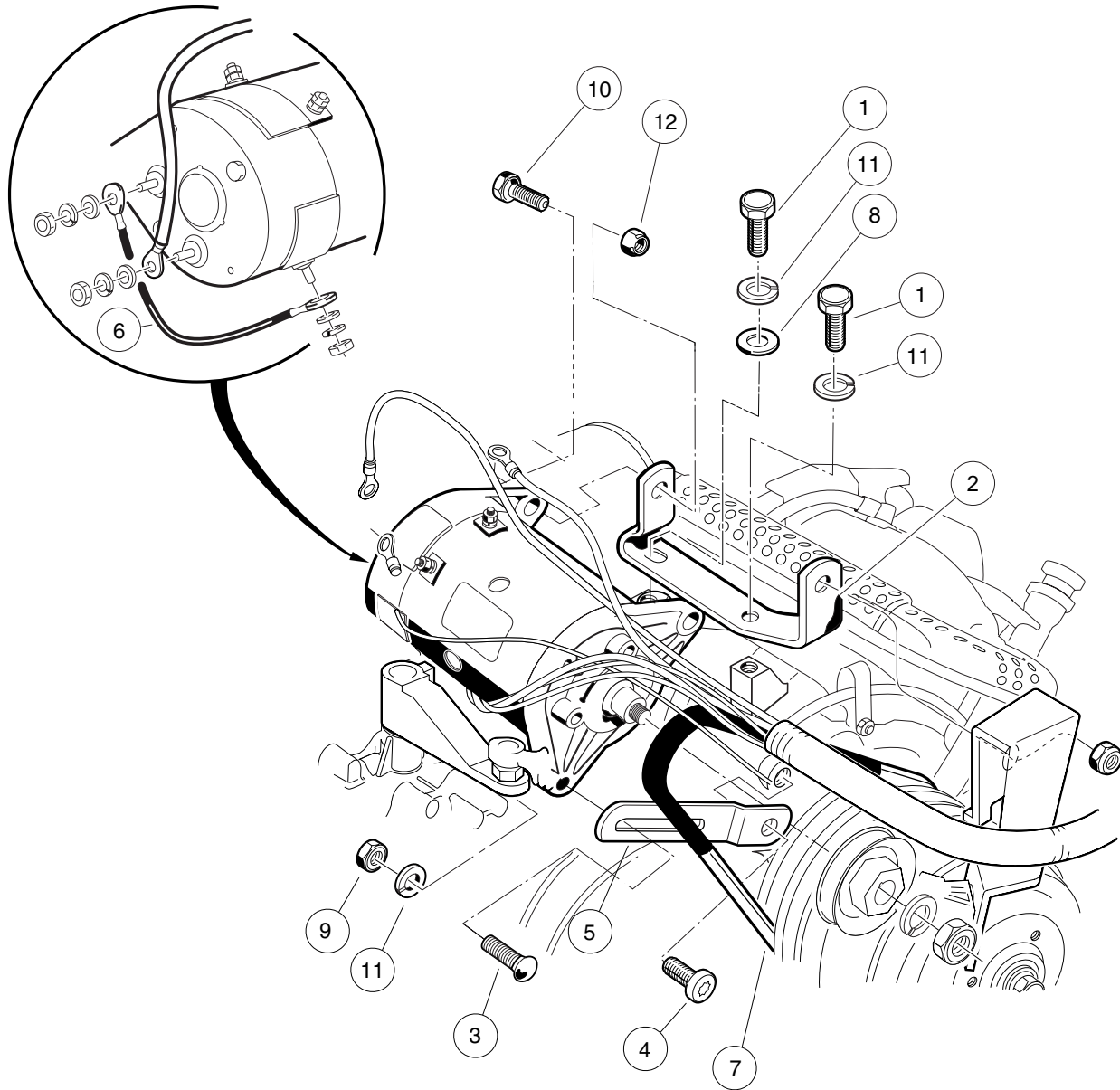
000124-001

STARTER/GENERATOR ASSEMBLY MODEL G425419 – GASOLINE VEHICLES

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

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000238-004

STARTER/GENERATOR MOUNTING – FE290

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1012830</u>	Screw, M8-125 X 22 Hex-Head	2
2	<u>101524001</u>	Bracket, Starter/Generator Mounting (FE290)	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>101837301</u>	Wire Assy, #6 Green	1
7	<u>101916701</u>	V-Belt	1
8	<u>1241</u>	Washer, 5/16 Type A Flat	1
9	<u>1242</u>	Nut, 5/16-18 Hex	1
10	<u>1624</u>	Screw, 3/8-16 X 1.50 Hex-Head Cap	2
11	<u>7174</u>	Lockwasher, 5/16 Split	3
12	<u>8754</u>	Locknut, 3/8-16 Hex	2

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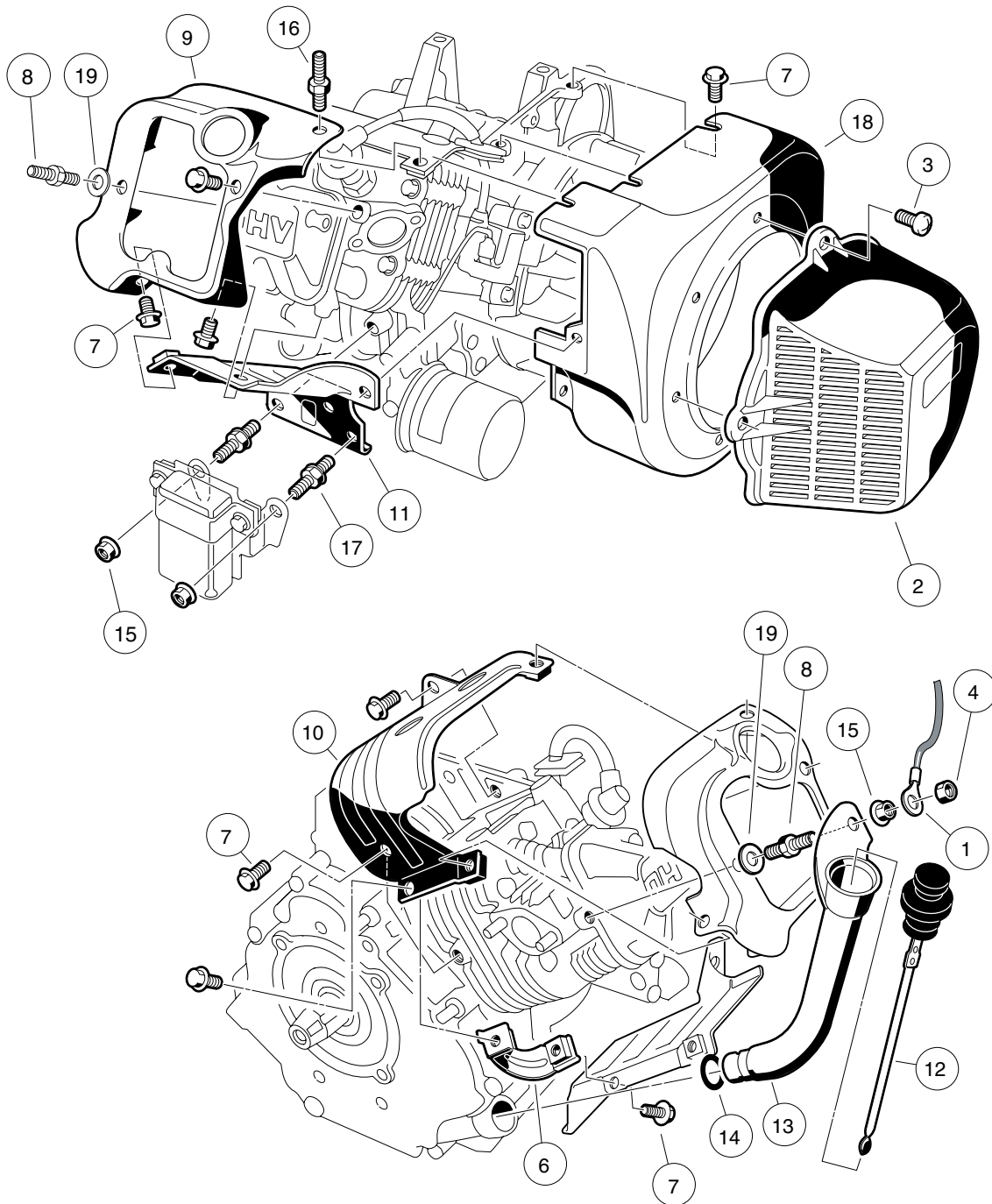
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FE290 ENGINE

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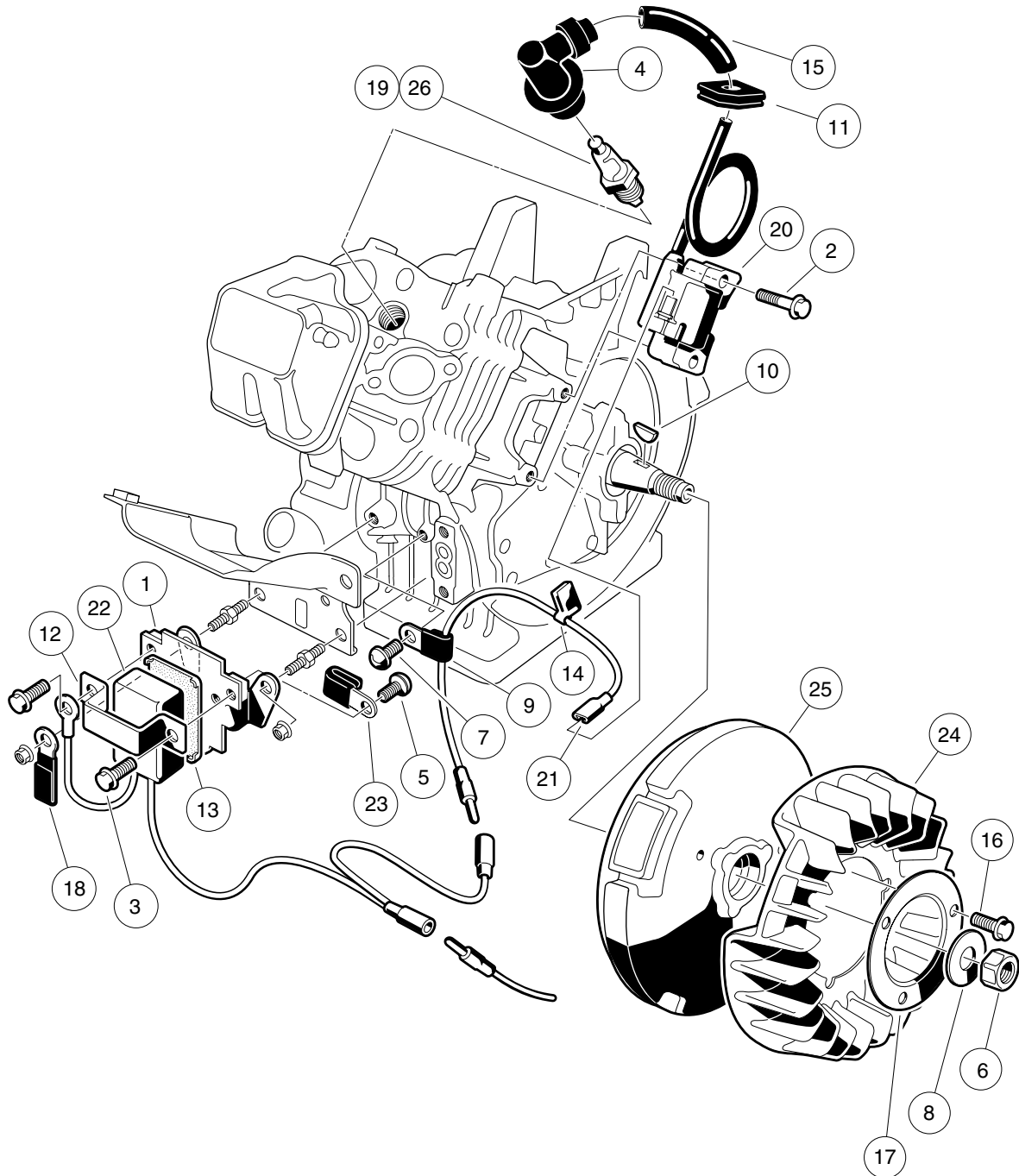
000194-001

FE290 ENGINE – SHROUDS AND BRACKETS

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1015332</u>	Wire Assembly, #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>101953901</u>	Engine, FE290 (cw) * (includes items 6 through 19)	1
6	<u>1016443</u>	Bracket	1
7	1016456	Bolt, Flange Head, M6 x 1 x 12 mm	15
8	<u>1016507</u>	Bolt, Two-Ended	1
9	<u>1016524</u>	Shroud, Engine, FE290D	1
10	<u>1016525</u>	Shroud, Engine, FE290D	1
11	1016526	Shroud, Engine, FE290D	1
12	1016531	Dipstick	1
13	<u>1016536</u>	Tube, Oil Filler, FE290D	1
14	<u>1016539</u>	O-Ring	1
15	1016547	Nut	3
16	<u>1017221</u>	Screw, M6-1.00 Stud	1
17	<u>101909701</u>	Stud, M6-1.00, Two-Ended	2
18	101915601	Housing, FE290 Fan	1
19	N/A	Washer, 6 mm Flat	1
* Note: FE290 engine component listings span several pages.			

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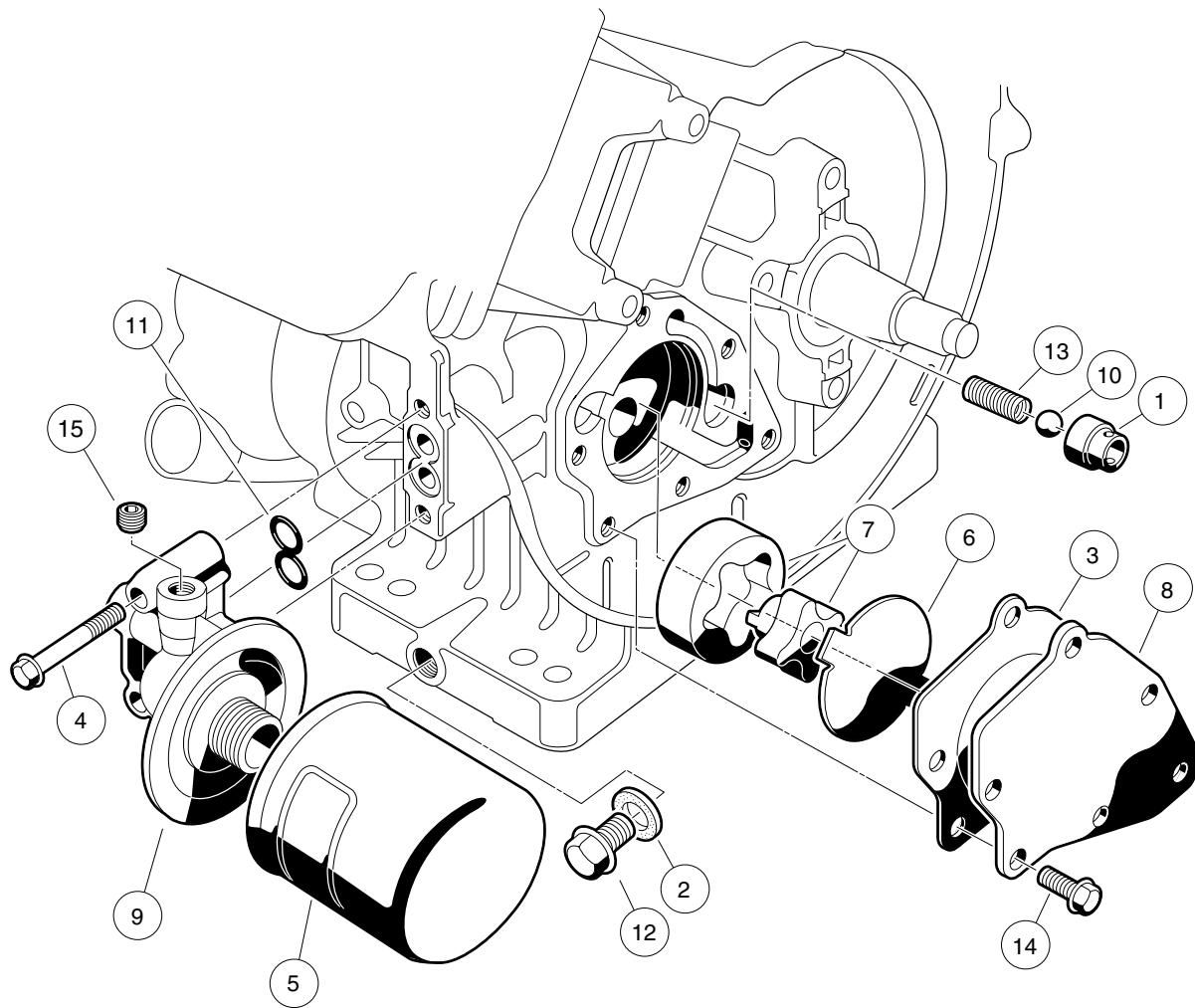


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FE290 ENGINE – IGNITION COMPONENTS AND FLYWHEEL

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1016445	Bracket, RPM Limiter	1
2	<u>1016455</u>	Bolt, Flange Head	2
3	1016456	Bolt, Flange Head, M6 x 1 x 12 mm	2
4	<u>1016493</u>	Cap, Spark Plug	1
5	<u>1016497</u>	Screw, Pan WP Cross	1
6	<u>1016505</u>	Nut, Hex, Fine	1
7	<u>1016544</u>	Screw	1
8	<u>1016548</u>	Washer, M16 Flat	1
9	<u>1016561</u>	Clamp	1
10	<u>1016562</u>	Key	1
11	<u>1016578</u>	Grommet	1
12	<u>1016579</u>	Band, RPM Limiter Mount	1
13	1016586	Damper, RPM Limiter	1
14	<u>1016587</u>	Clamp	1
15	<u>1016588</u>	Tube, 7mm X 10mm X 70mm	1
16	<u>1017448</u>	Bolt, Flanged	3
17	<u>1017455</u>	Plate, Flywheel Fan	1
18	<u>1017468</u>	Clamp	1
19	<u>101881101</u>	Spark Plug, OHV (Autolite)	1
20	<u>101909201</u>	Coil, Ignition	1
21	<u>101909301</u>	Lead Wire Assy	1
22	101909401	Limiter, RPM	1
23	N/A	Clamp, Steel	1
24	<u>101915801</u>	Fan, FE290 (cw)	1
25	<u>101929301</u>	Flywheel, Complete	1
26	<u>AM10724</u>	Spark Plug, OHV (NGK)	1

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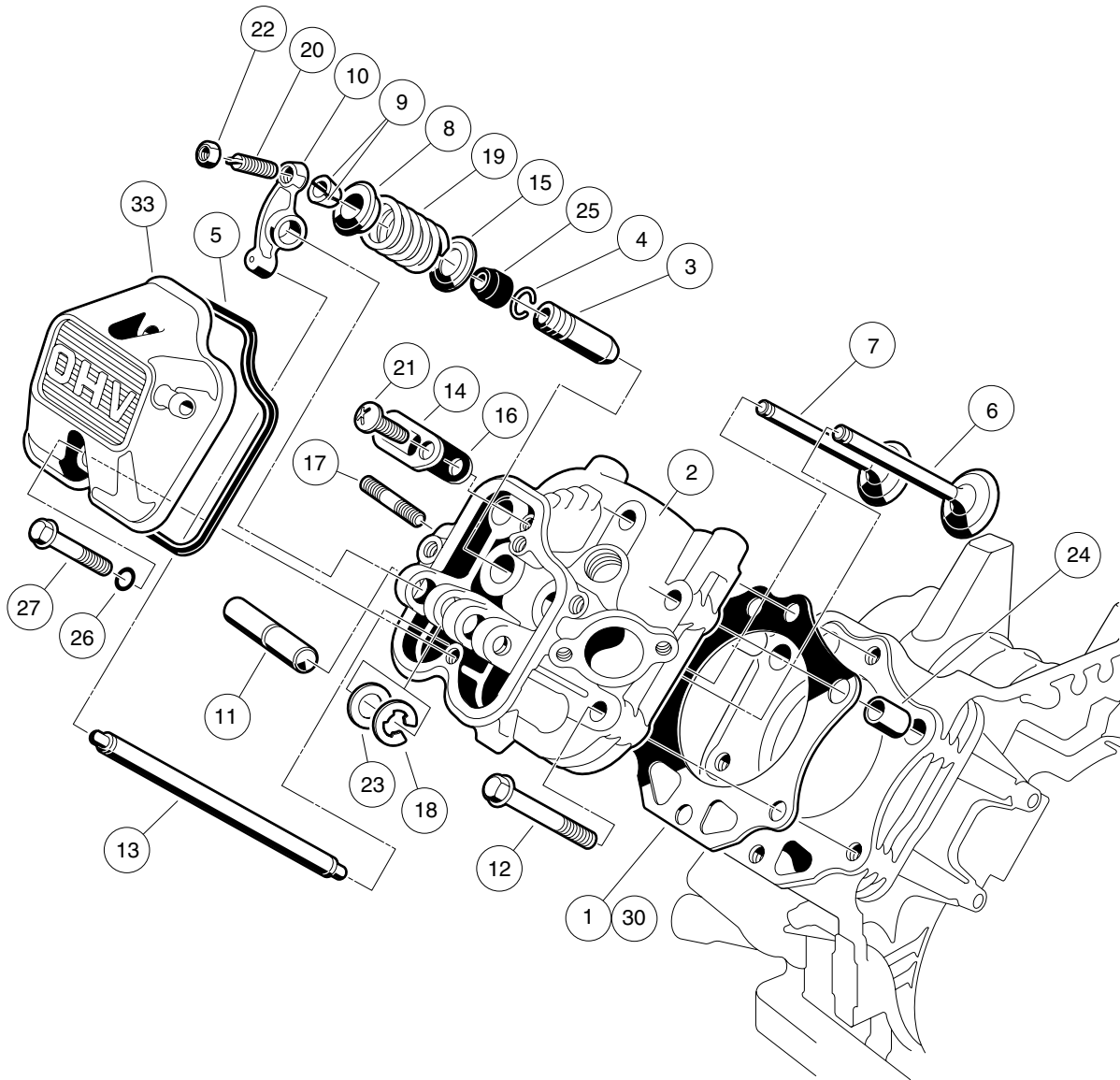
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FE290 ENGINE – OIL CIRCULATION

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1016429	Seat, Value Oil Press Relief	1
2	<u>1016432</u>	Gasket, Drain Plug	1
3	<u>1016435</u>	Gasket, Oil Pump	1
4	<u>1016457</u>	Bolt, Flange Head	2
5	<u>1016467</u>	Filter, Oil	1
6	<u>1016473</u>	Plate, Oil Pump	1
7	<u>101648203</u>	Oil Pump And Rotor	1
8	<u>1016484</u>	Cover, Pump	1
9	<u>1016502</u>	Bracket, Oil Filter Mount	1
10	<u>1016537</u>	Ball, Steel, Press, Relief	1
11	<u>1016570</u>	O-Ring	1
12	1016576	Plug, Drain	1
13	<u>1016581</u>	Spring	1
14	<u>1017456</u>	Bolt, Flanged	6
15	<u>1017507</u>	Plug	2

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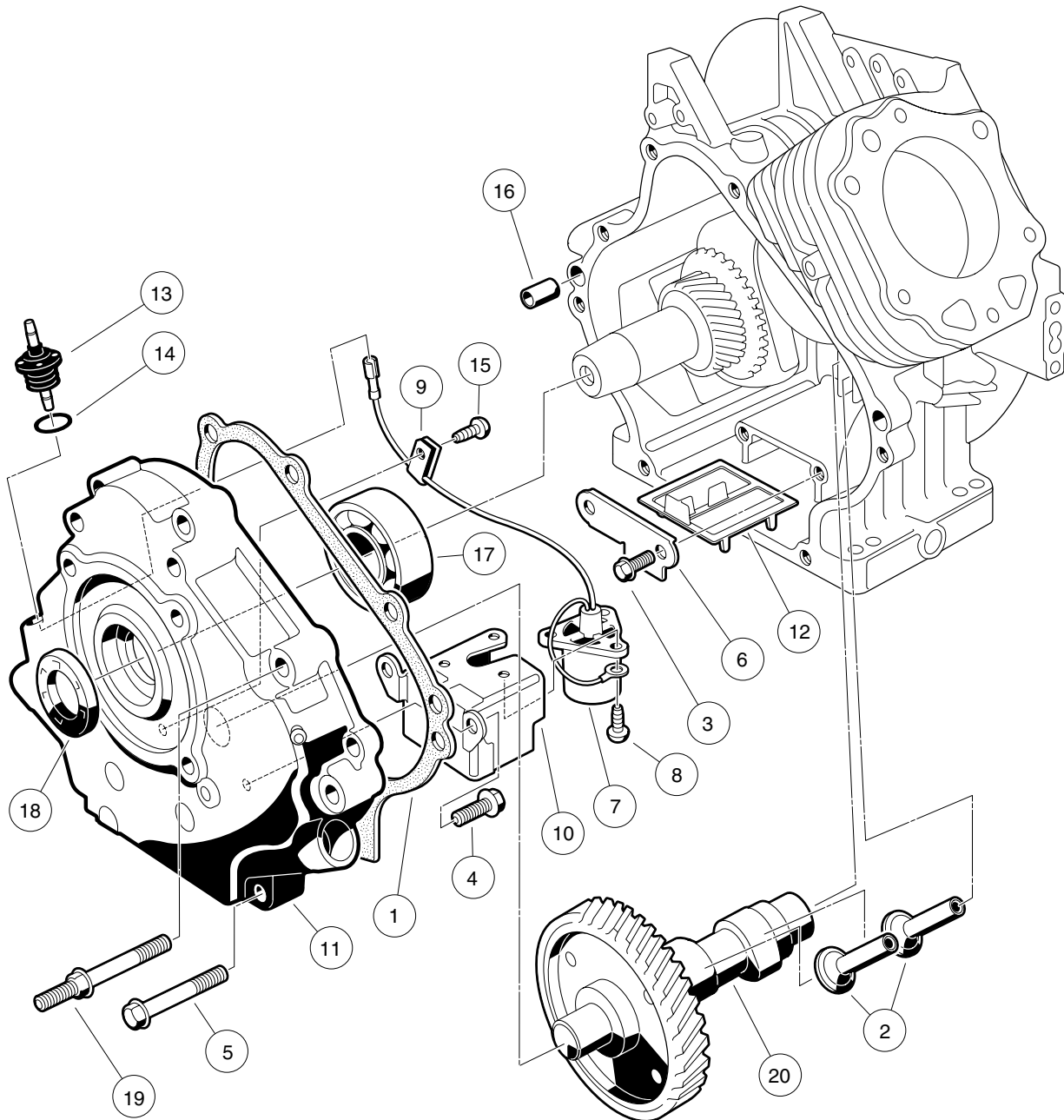
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FE290 ENGINE – CYLINDER HEAD

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1016430</u>	Gasket, Head, FE290	1
2	<u>1016431</u>	Head Assembly, FE290 Cylinder (includes items 3 and 4)	1
3	<u>1016519</u>	Guide, Valve, Intake	2
4	<u>1016560</u>	Snap Ring	2
5	<u>1016436</u>	Gasket, Rocker Case	1
6	<u>1016447</u>	Valve, Intake	1
7	<u>1016448</u>	Valve, Exhaust	1
8	<u>1016449</u>	Retainer, Valve Spring	2
9	<u>1016450</u>	Collet	4
10	N/A	Arm, Rocker	2
11	<u>1016452</u>	Shaft, Rocker	1
12	<u>1016458</u>	Bolt, Flange Head, M8 x 1.25 x 45 mm	6
13	<u>1016471</u>	Rod, Push	2
14	<u>1016474</u>	Plate	1
15	<u>1016479</u>	Seat, Spring	2
16	<u>1016483</u>	Valve	1
17	<u>1016489</u>	Stud, Two-Ended, M8-1.25	2
18	<u>1016517</u>	Circlip, Type-E	1
19	<u>1016523</u>	Spring, Engine Valve	2
20	<u>1016542</u>	Screw	2
21	<u>1016544</u>	Screw	1
22	<u>1016545</u>	Nut	2
23	<u>1016549</u>	Washer, 12.1x19x1.8	1
24	<u>1016563</u>	Pin	2
25	<u>1016566</u>	Seal, Oil	2
26	<u>1016569</u>	O-Ring	2
27	<u>1016583</u>	Bolt, 6x35	2
28	<u>102304701</u>	Kit, Gasket, FE290 (includes items 29 through 32)	1
29	<u>1015330</u>	Gasket, Exhaust	1
30	<u>1016430</u>	Gasket, Head, FE290	1
31	<u>1016440</u>	Gasket, Engine to Insulator	1
32	<u>1016446</u>	Gasket, Crankcase Cover	1
33	<u>102753401</u>	Case, Rocker -w/o Logo Fe290	1

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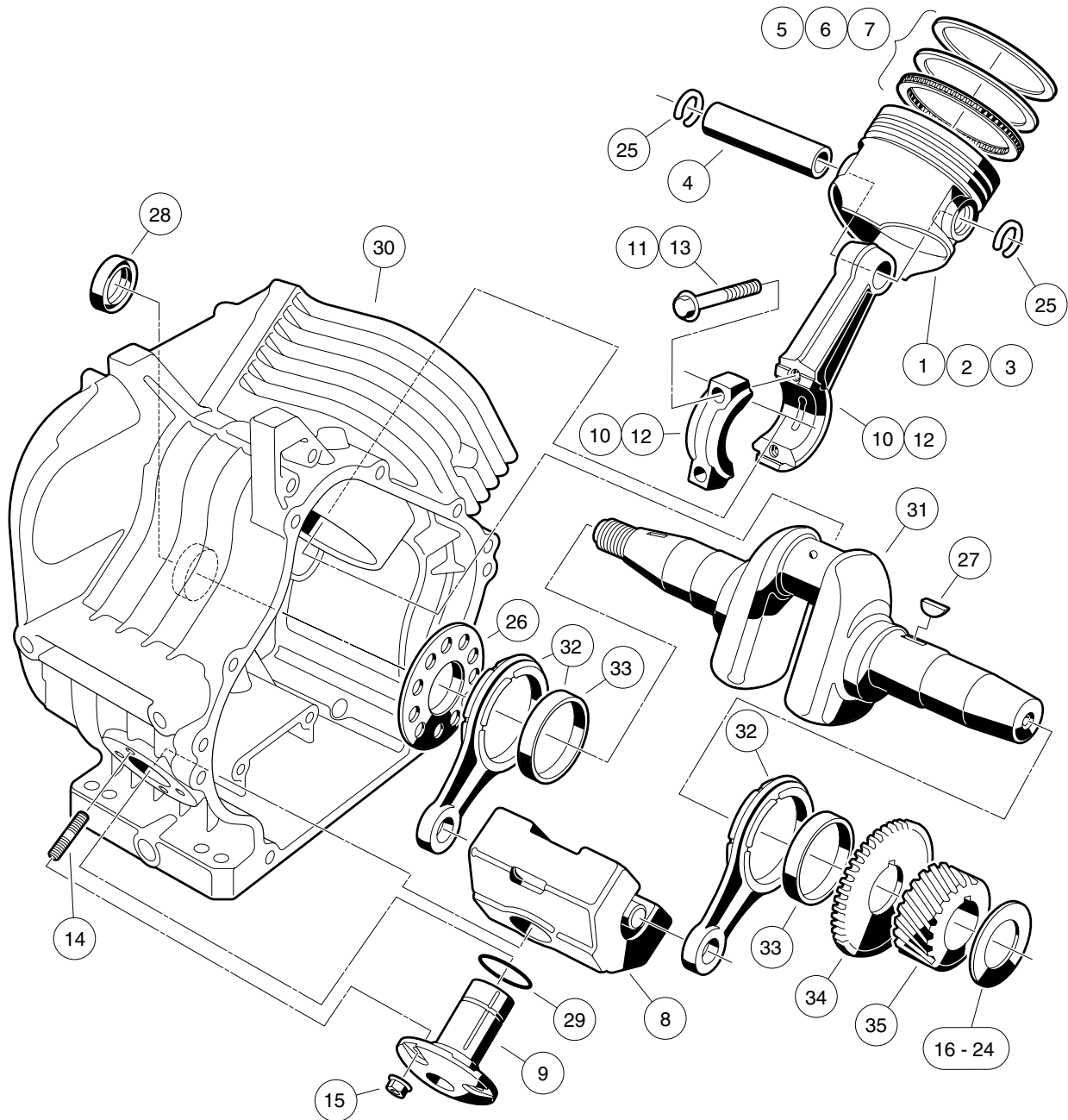
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FE290 ENGINE – CRANKCASE, CAMSHAFT, AND OIL SENSOR

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1016446</u>	Gasket, Crankcase Cover	1
2	<u>1016453</u>	Tappet	2
3	<u>1016454</u>	Bolt, Flange Head, M5 x 0.8 x 8 mm	2
4	<u>1016456</u>	Bolt, Flange Head, M6 x 1 x 12 mm	2
5	<u>1016458</u>	Bolt, Flange Head, M8 x 1.25 x 45 mm	6
6	<u>1016472</u>	Plate, Oil Filter Screen	1
7	<u>1016494</u>	Sensor, Oil Level	1
8	<u>1016496</u>	Screw, Cross Pan-Head, M4 x 0.7 x 8 mm	3
9	<u>1016506</u>	Clamp	1
10	<u>1016510</u>	Bracket, Switch, Oil Level	1
11	<u>1016520</u>	Cover, Crankcase	1
12	<u>1016521</u>	Screen, Oil Filter	1
13	<u>1016535</u>	Connector, Cord	1
14	<u>1016538</u>	O-Ring	1
15	<u>1016544</u>	Screw	1
16	<u>1016564</u>	Pin	2
17	<u>1016565</u>	Bearing, Ball	1
18	<u>1016567</u>	Seal, Crankshaft	1
19	<u>1016584</u>	Bolt, Two-Ended, M8 x 1.25 x 69 mm	2
20	<u>101915401</u>	Camshaft Complete, FE290	1

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FE290 ENGINE – CRANKCASE AND CRANKSHAFT

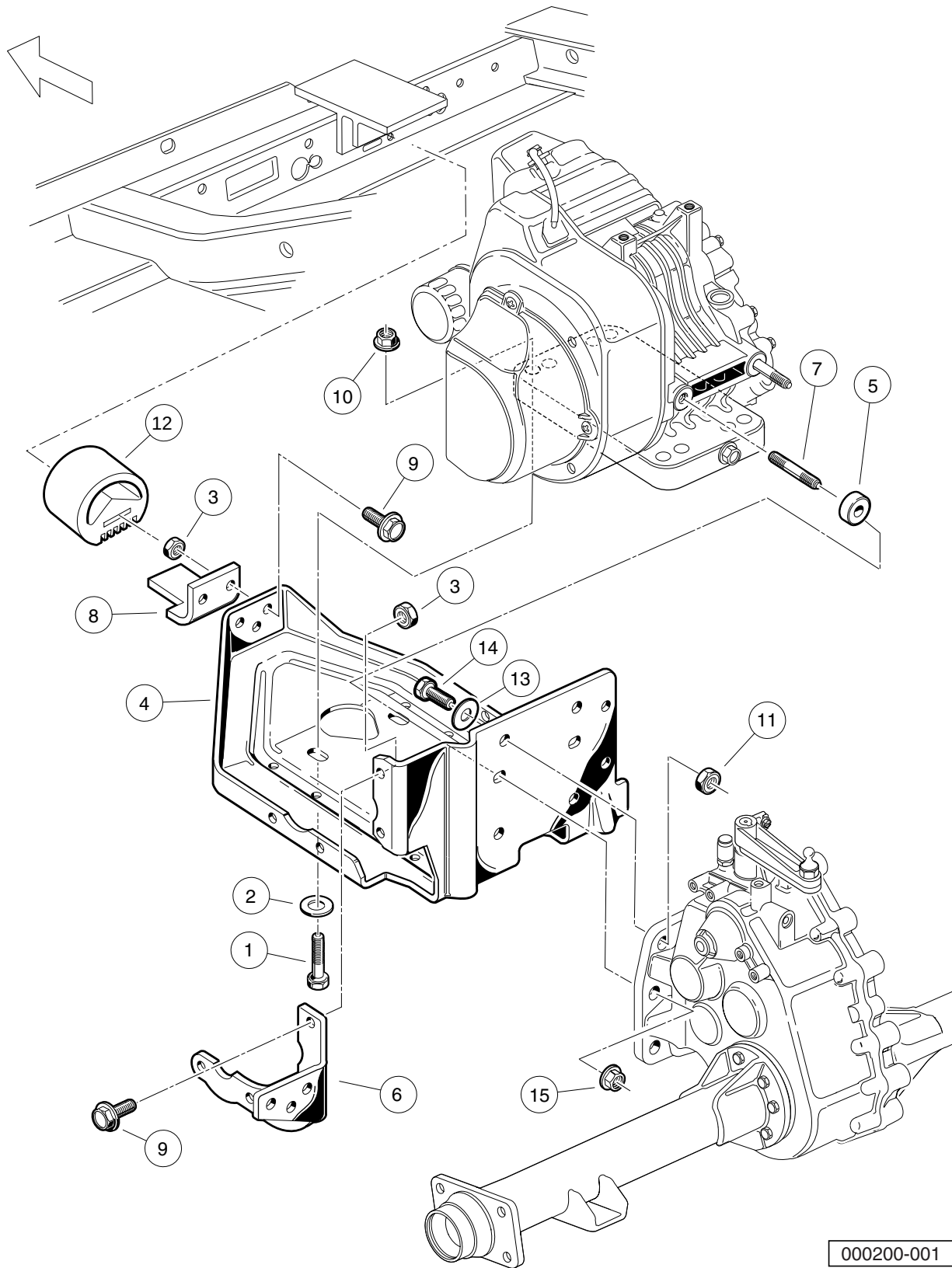
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>101645901</u>	Piston	1
2	<u>101645902</u>	Piston, Engine 0.25 mm Over	1
3	<u>101645903</u>	Piston, Engine 0.50 mm Over	1
4	<u>1016460</u>	Pin, Piston	1
5	<u>101646101</u>	Ring Set, Piston	1
6	<u>101646102</u>	Ring Set, Piston 0.25 mm Over	1
7	<u>101646103</u>	Ring Set, Piston 0.50 mm Over	1
8	<u>1016469</u>	Weight, Counterbalance	1
9	<u>1016470</u>	Shaft, Guide, Counterbalance	1
10	<u>101647501</u>	Rod Assembly (includes item 11)	1
11	<u>1016509</u>	Bolt	2
12	<u>101647502</u>	Rod Assembly, Connecting 0.50 mm Under (includes item 13)	1
13	<u>1016509</u>	Bolt	2
14	<u>1016541</u>	Stud, 6x14	4
15	<u>1016547</u>	Nut	4
16	<u>101655001</u>	Shim, Crankshaft T=1.13	A/R
17	<u>101655002</u>	Shim, Crankshaft T=1.18	A/R
18	<u>101655003</u>	Shim, Crankshaft T=1.23	A/R
19	<u>101655004</u>	Shim, Crankshaft T=1.28	A/R
20	<u>101655005</u>	Shim, Crankshaft T=1.33	A/R
21	<u>101655006</u>	Shim, Crankshaft T=1.38	A/R
22	<u>101655007</u>	Shim, Crankshaft T=1.43	A/R
23	<u>101655008</u>	Shim, Crankshaft T=1.48	A/R
24	<u>101655009</u>	Shim, Crankshaft T=1.53	A/R
25	<u>1016558</u>	Ring, Snap	2
26	<u>1016559</u>	Spacer	1
27	<u>1016562</u>	Key	1
28	<u>1016568</u>	Seal, Oil	1
29	<u>1016571</u>	O-Ring	1
30	<u>101915501</u>	Crankcase Complete, FE290 (cw)	1
31	<u>101922301</u>	Crankshaft, FE290 Left-Hand Thread (includes items 32 through 35)	1
32	<u>1016516</u>	Rod (includes item 33)	2
33	<u>1016580</u>	Bearing, Plane	1
34	<u>1016532</u>	Gear, Spur	1
35	<u>1016533</u>	Gear, Helical	1

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000200-001

FE290 ENGINE MOUNTING

ITEM	PART NO.	DESCRIPTION	QTY	7
		1 2 3 4		G
1	<u>1010577</u>	Bolt, Hex-Head, 5/16-18 X 1.50	4	
2	<u>1012571</u>	Washer, 5/16 Extra Thick Flat	4	
3	<u>1013924</u>	Nut, 5/16-24 Hex Head Cone	6	
4	<u>101827101</u>	Plate, Engine Mounting	1	
5	<u>101832101</u>	Spacer, Powdered Metal	2	
6	<u>101832701</u>	Stiffener (Flywheel Side)	1	
7	<u>101833201</u>	Stud, M8-1.25 X 60mm Two-Ended	2	
8	<u>101834601</u>	Snubber Bracket	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>	Inner Frame Snubber	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 Flg, M8 X 1.25 Serrated	2	

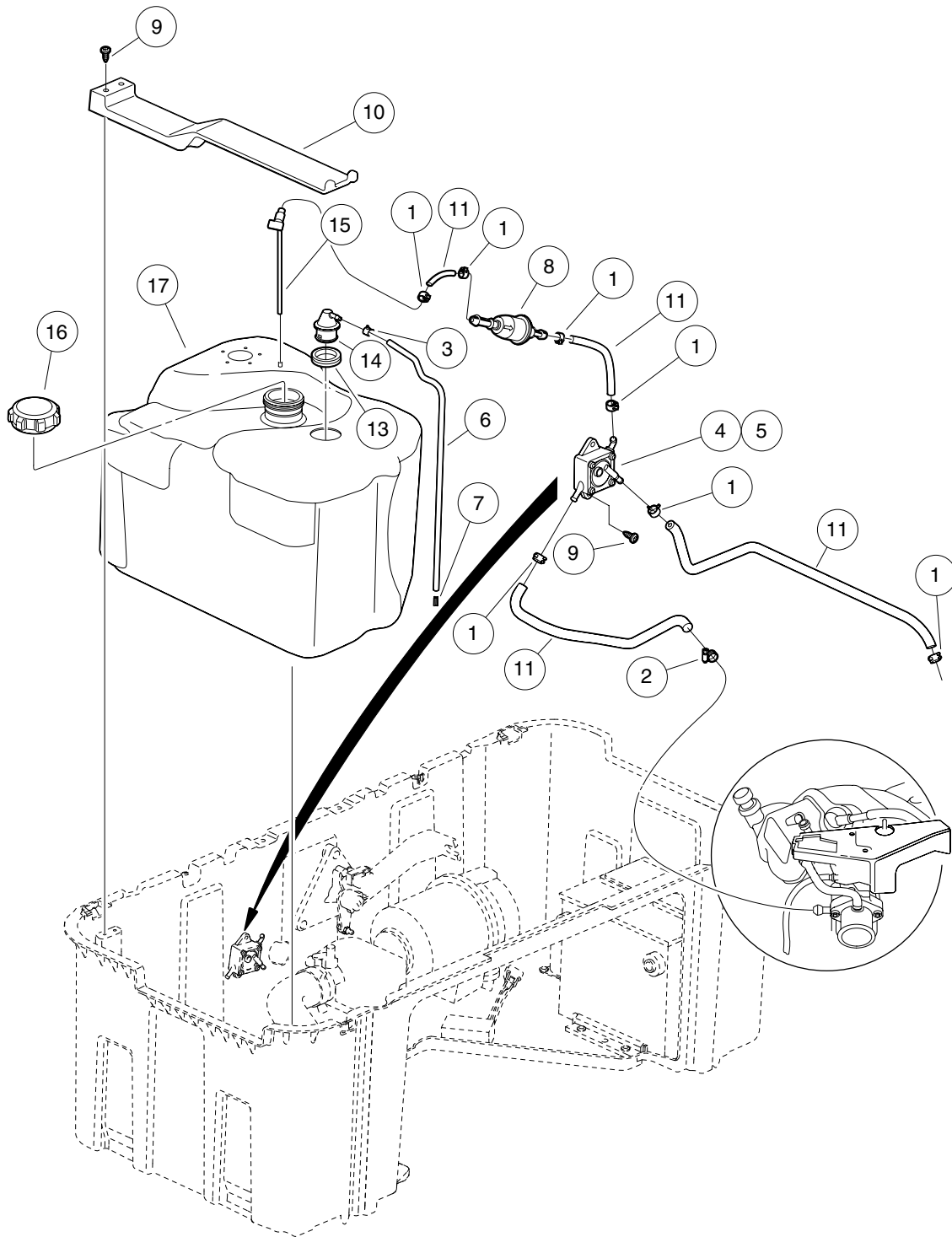
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FUEL, INTAKE, AND GOVERNOR SYSTEMS

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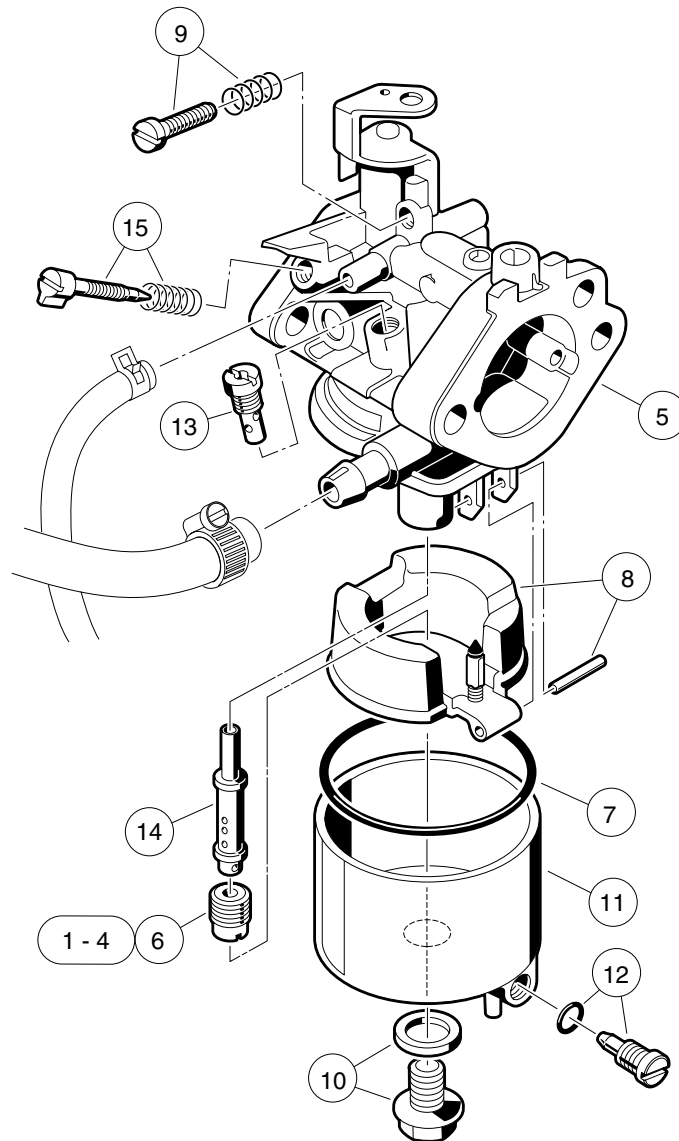
000449-001

FUEL SYSTEM

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1012649</u>	Clamp, 0.460 Red Hose	7
2	<u>1013687</u>	Clamp, 3/8" Hose (screw type)	1
3	<u>1013746</u>	Clamp, 0.301 ID Hose	2
4	<u>1014523</u>	Pump, Impulse Fuel	1
5	<u>1014524</u>	Kit, Impulse Pump Rebuild	1
6	<u>1015137</u>	Fuel Line (available by the foot)	A/R
7	<u>101824401</u>	Vent Barb	1
8	<u>102003201</u>	Filter, Fuel, 30 Micron	1
9	<u>102296020</u>	Screw, Torx Pan Hd Pt, M6 X 20	2
10	<u>102514201</u>	Hold-down - Fuel Tank	1
11	<u>102865101</u>	Fuel Line	A/R
12	<u>102952202</u>	Asm, Tank, Fuel (includes items 13 through 17)	1
13	<u>1015139</u>	Insulation Grommet	1
14	<u>1015143</u>	Vent, Fuel Tank	1
15	<u>102513701</u>	Valve - Fuel Pickup Tube	1
16	<u>102751601</u>	Cap, Fuel Tank, Gasoline	1
17	N/A	Tank, Fuel, Prec	1

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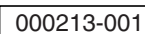
000211-001

CARBURETOR ASSEMBLY – FE290

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>101642572</u>	Jet, Altitude, # 72	A/R
2	<u>101642575</u>	Jet, Altitude, # 75	A/R
3	<u>101642578</u>	Jet, Altitude, # 78	A/R
4	<u>101642580</u>	Jet, Altitude, # 80	A/R
5	<u>101905601</u>	Carburetor Assembly, FE290D (includes items 6 through 15)	1
6	<u>101642582</u>	Jet, Altitude, # 82	1
7	<u>1016437</u>	Gasket, Carburetor Bowl OHV	1
8	<u>1016486</u>	Float Assembly	1
9	<u>1016501</u>	Screw Assembly	1
10	<u>1016585</u>	Bolt	1
11	<u>1017461</u>	Chamber Assembly, Float (includes item 12)	1
12	<u>1016499</u>	Screw Assembly	1
13	<u>101973101</u>	Jet, #40 Pilot	1
14	<u>101973201</u>	Nozzle, Main	1
15	N/A	Assembly, Pilot Air Screw	1
Note: <u>101642582</u> for 0 - 3,000 feet; <u>101642580</u> for 3,000 - 5,000 feet; <u>101642578</u> for 5,000 - 8,000 feet; <u>101642575</u> for 8,000 - 10,000 feet; <u>101642572</u> for 10,000 feet and higher.			

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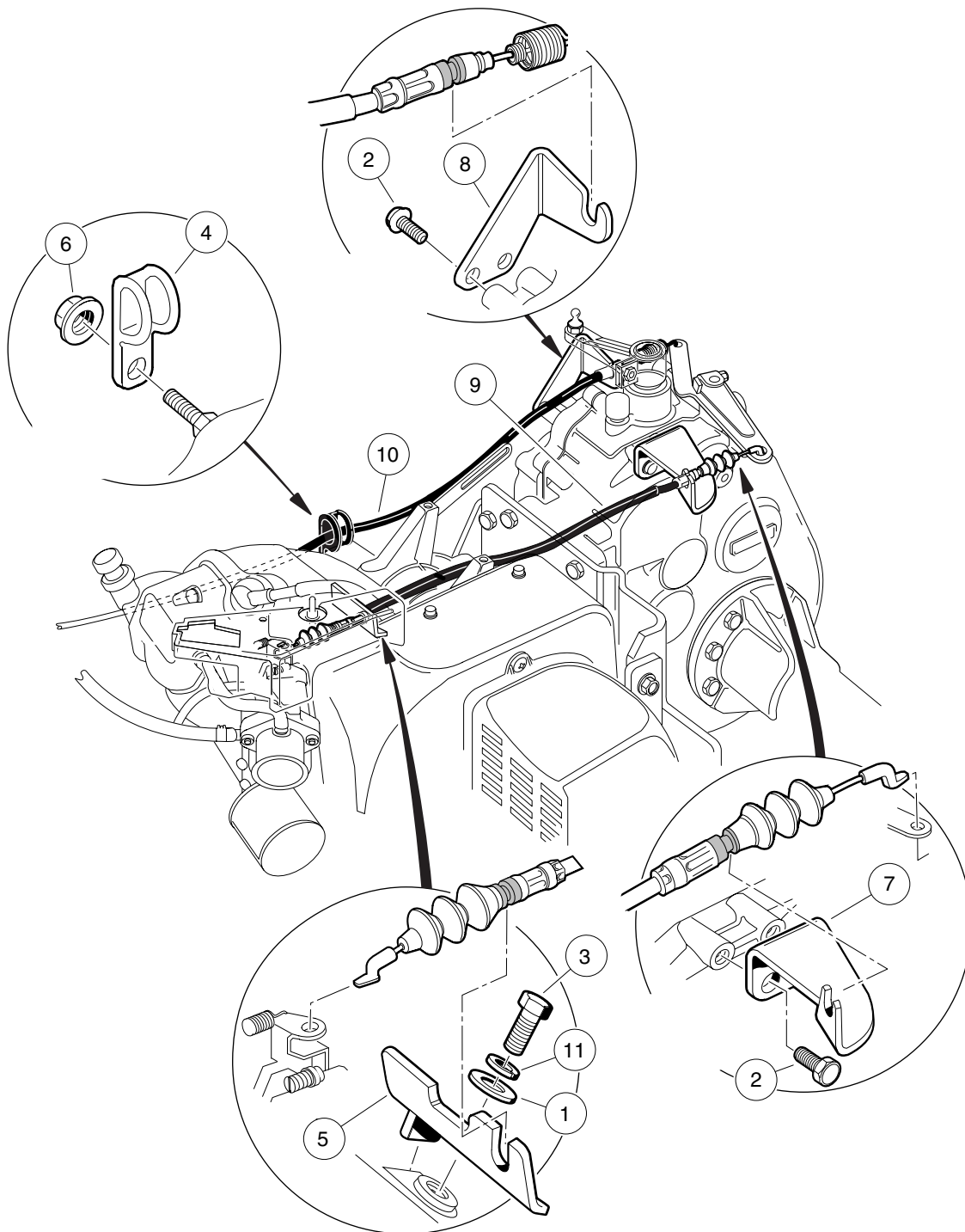


CARBURETOR INSTALLATION – FE290

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 (available by the foot)	A/R
4	<u>1016103</u>	Screw, Pan Hd Tx, Taptite 6-32	2
5	<u>1016438</u>	Gasket, Carb To Intake Manifold	1
6	<u>1016439</u>	Gasket, Insulator	1
7	<u>1016440</u>	Gasket, Engine to Insulator	1
8	<u>1016441</u>	Gasket, Sprg Brkt To Carb OHV	1
9	<u>1016444</u>	Bracket, Throttle Spring Return	1
10	1016480	Pipe, Intake Manifold	1
11	101648102	Insulator, Carburetor	1
12	<u>101649002</u>	Stud, M6-1.00 Two-Ended	2
13	1016547	Nut	2
14	<u>1016572</u>	Tube, Crankcase Vent	1
15	<u>1016582</u>	Spring, Throttle Return	1
16	<u>1017466</u>	Clamp	2
17	101820201	Shield, Governor	1
18	<u>101887601</u>	Locknut, M6-1.00 Nylon Insert	1

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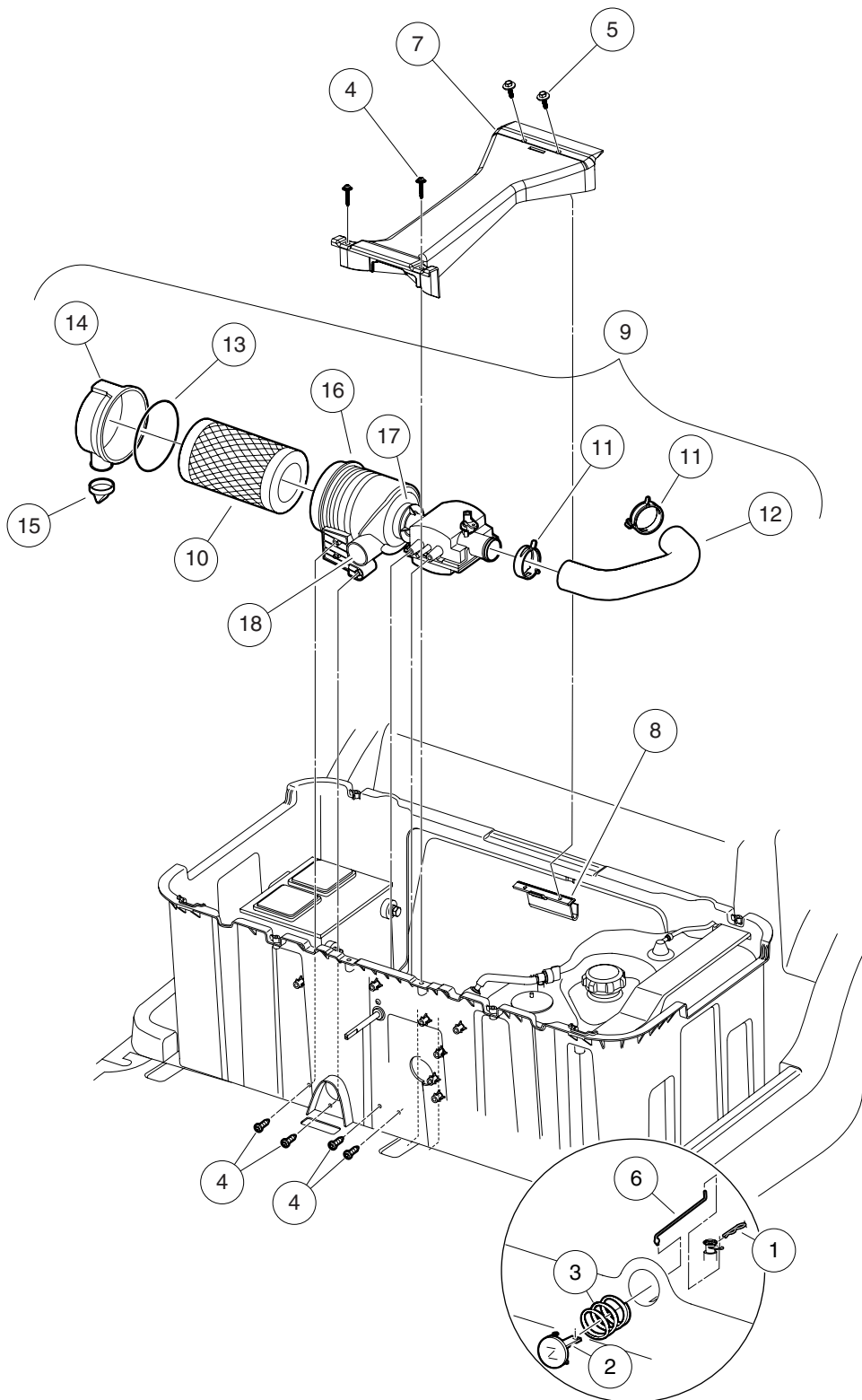
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000215-001

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>102513102</u>	Cable, Acc, Snap-in	1	
11	<u>7174</u>	Lockwasher, 5/16 Split	1	



000484-001

CHOKE AND AIR BOX ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY
		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 Thd Fm 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, Precedent	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>	Cover Asm, Air Intake, Prec	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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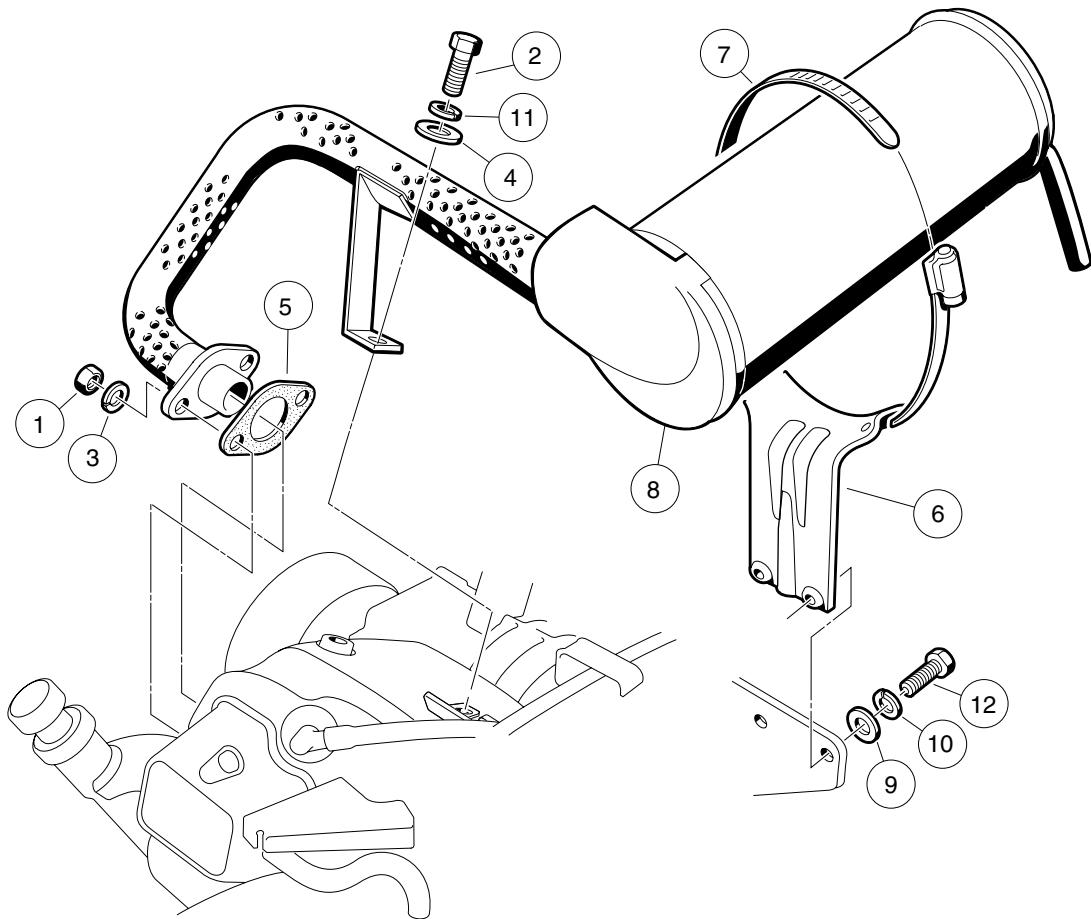
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EXHAUST SYSTEM

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000485-001

EXHAUST SYSTEM – FE290

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
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	1015075	Washer, 5/16 Flat Type A	1
5	<u>1015330</u>	Gasket, Exhaust	1
6	<u>1015814</u>	Bracket, Muffler Mounting	1
7	1017689	Clamp, 5" Muffler Hose	1
8	<u>102522301</u>	Exhaust System	1
9	<u>332</u>	Washer, 1/4 Type A Narrow Flat	2
10	<u>451</u>	Lockwasher, 1/4 Helical Split	2
11	<u>7174</u>	Lockwasher, 5/16 Split	1
12	7874	Bolt, 1/2-13 X 3.75 Hex Head	2

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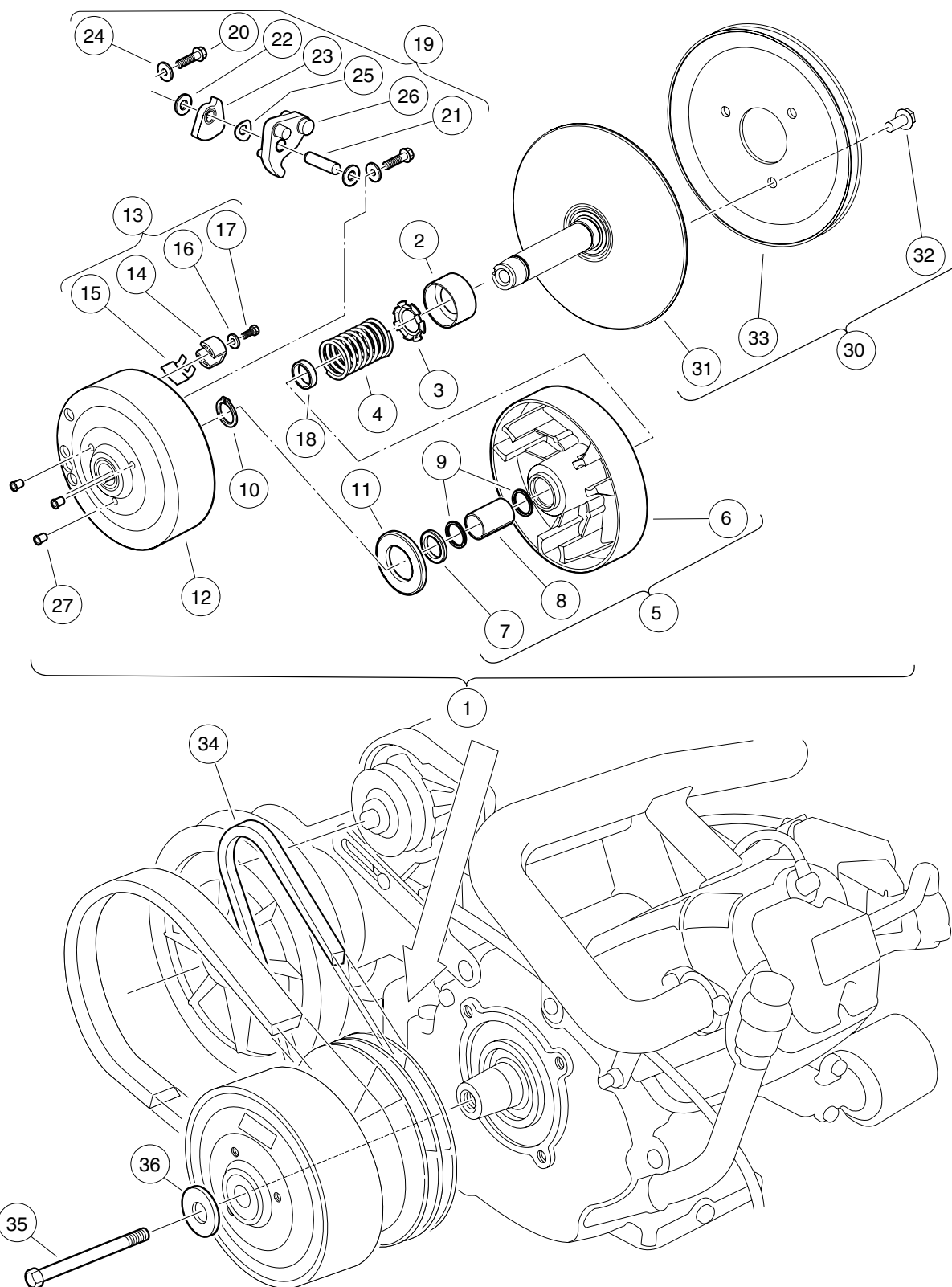
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TORQUE CONVERTER

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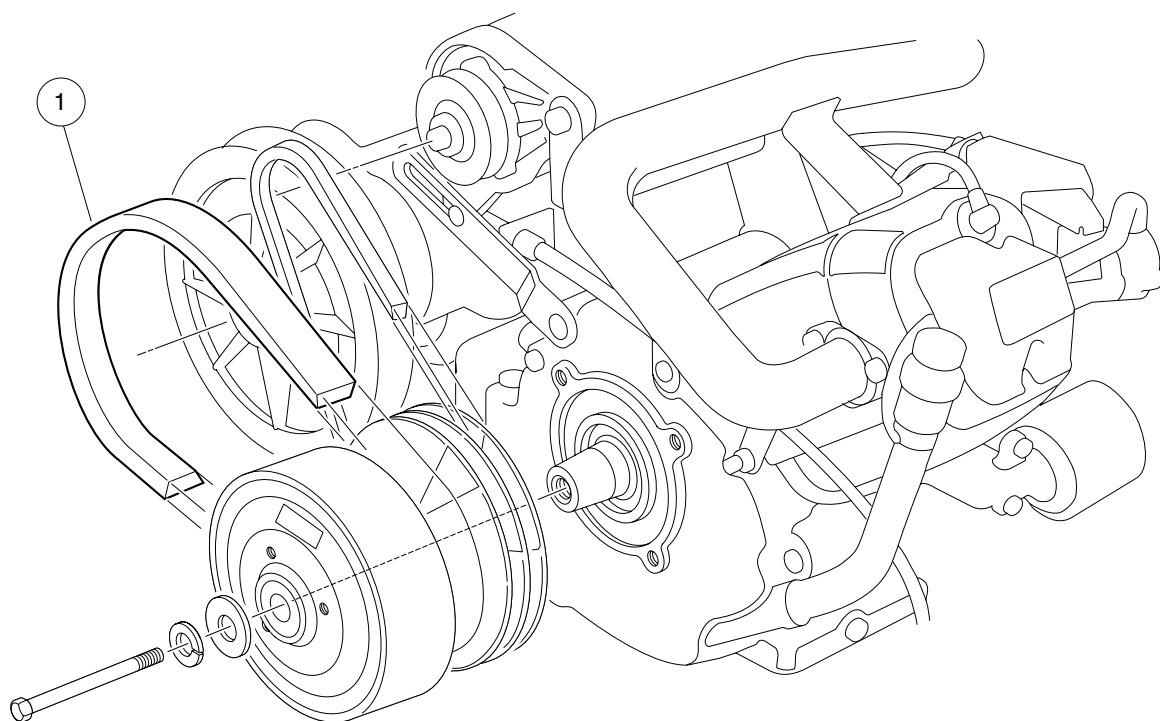
000217-001

DRIVE CLUTCH

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

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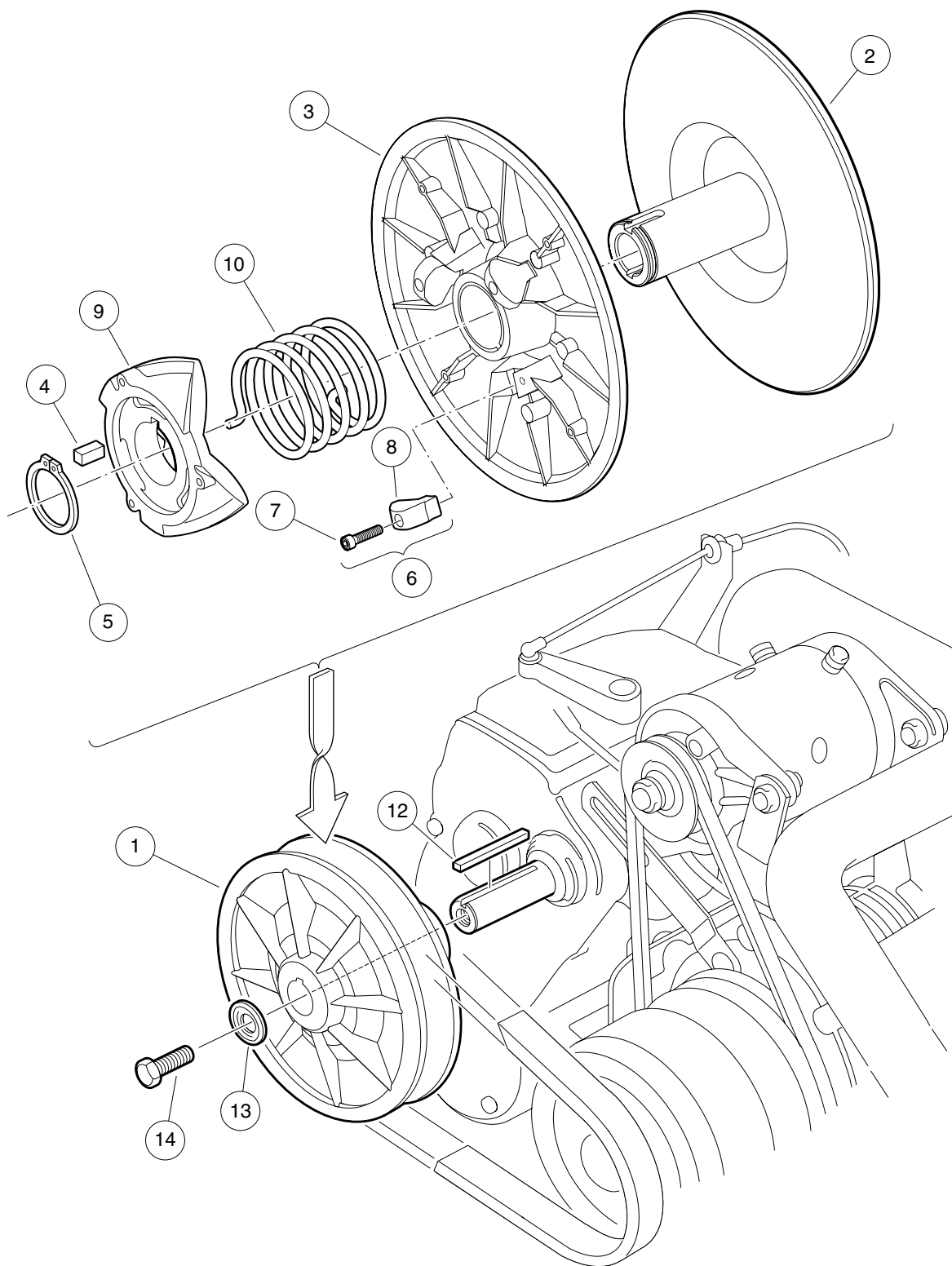
000218-001

DRIVE BELT

ITEM	PART NO.	DESCRIPTION	QTY
1	<u>1016203</u>	1 2 3 4 Belt, Drive	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	N/A	Washer, Driven Clutch	1		
14	<u>102242101</u>	Screw, 5/16-18 X 3/4 Hex-Head with Patch	1		

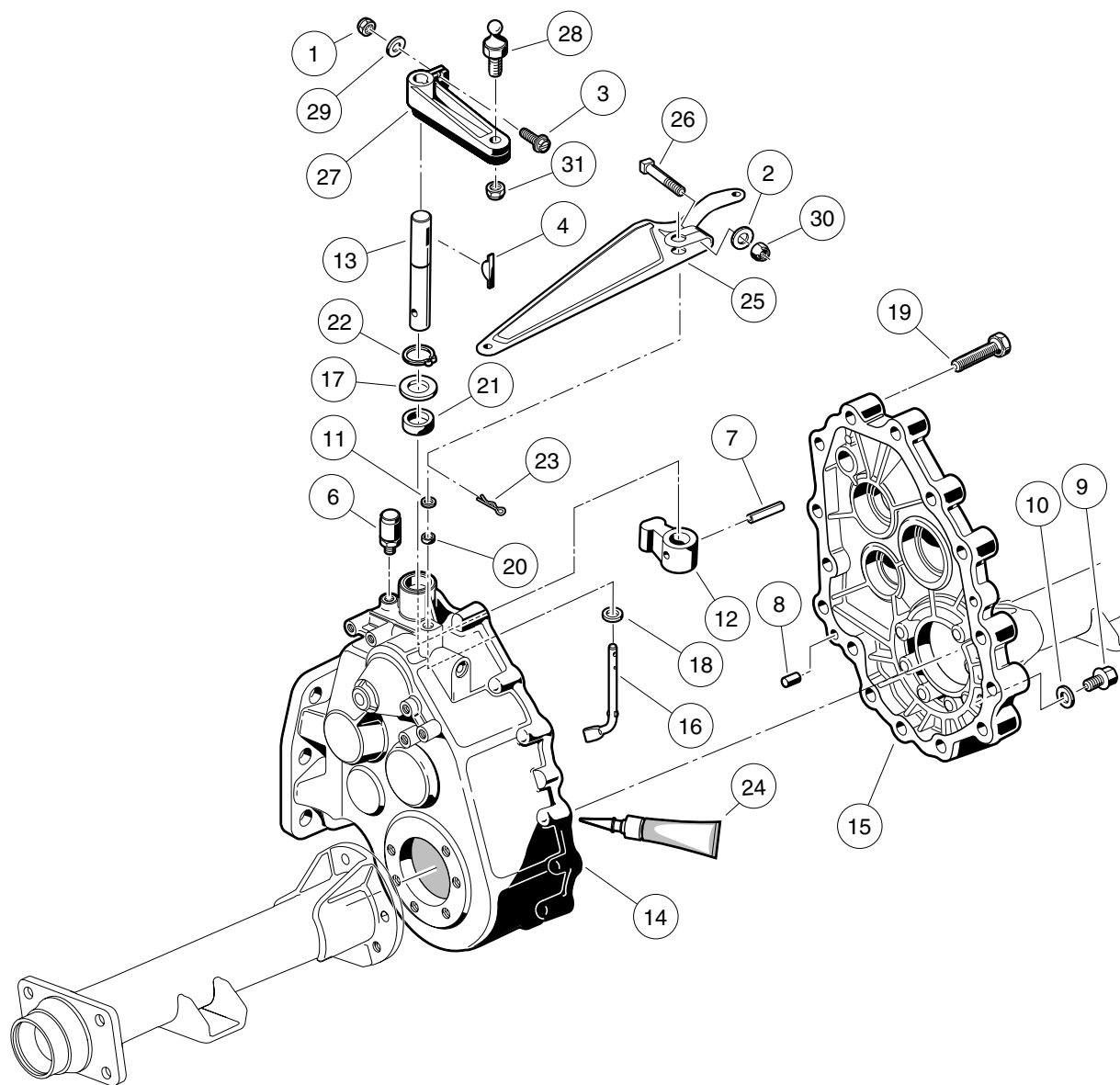
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UNITIZED TRANSAXLE

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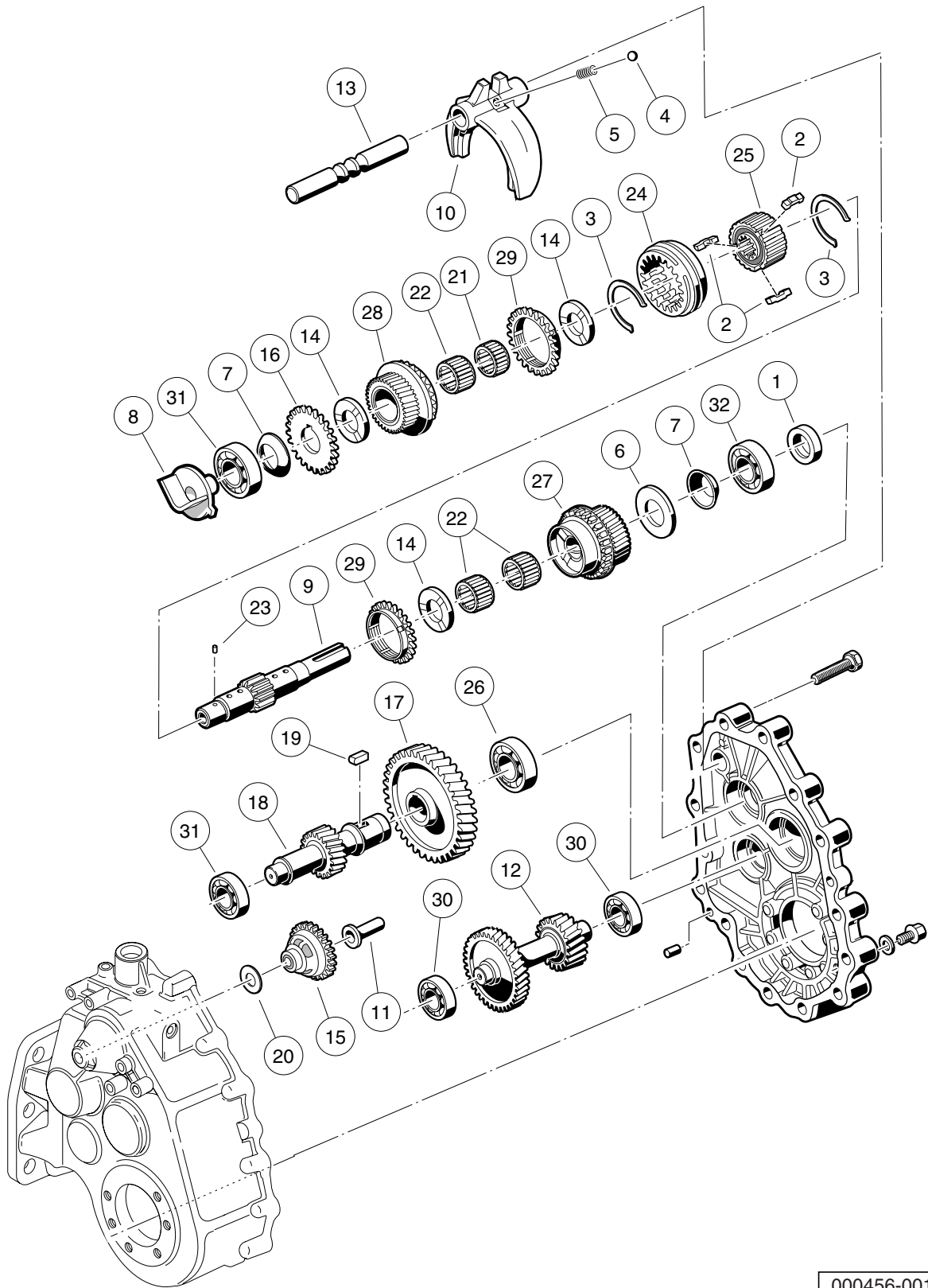
000220-002

UNITIZED TRANSAXLE – GEAR CASES AND BRACKETS

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1013061</u>	Locknut, #10-32 Nylon Insert	1
2	<u>1014007</u>	Washer, 1/4 Flat	1
3	<u>1017082</u>	Screw, #10-32 X 0.75, Hex-Head Machine	1
4	<u>1017231</u>	Key, Woodruff	1
5	<u>101833601</u>	Transaxle, 11.77 Ratio (includes items 6 through 24)	1
6	<u>1012711</u>	Breather	1
7	<u>1012752</u>	Roll Pin	1
8	<u>1012896</u>	Pin, Dowel	2
9	<u>1013760</u>	Fill Plug	2
10	<u>1016432</u>	Gasket, Drain Plug	1
11	<u>1016513</u>	Washer, M6 Flat	1
12	<u>101890101</u>	Lever, Change	1
13	<u>101890201</u>	Shaft - Change	1
14	<u>101890501</u>	Gear Case (driver side)	1
15	<u>101890601</u>	Gear Case (passenger side)	1
16	<u>101891301</u>	Arm Pivot	1
17	<u>101892901</u>	Washer	1
18	<u>101893801</u>	Washer	1
19	<u>101926901</u>	Screw, M8-1.25 X 40mm Hex-Head	15
20	<u>101927101</u>	Seal, Oil	1
21	<u>101927201</u>	Seal, Oil	1
22	<u>101927301</u>	Snap Ring	1
23	<u>101928601</u>	Pin, Cotter	1
24	<u>101928701</u>	Liquid Gasket (Transaxle case)	A/R
25	<u>101834801</u>	Arm, Governor	1
26	<u>101886101</u>	Screw, 1/4-20 X 1.00 Square-Head	1
27	<u>102515401</u>	Lever, Transmission Shift	1
28	<u>102526201</u>	Stud, Thread, 1/4-28	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, 1/4-28 Nylon Insert	1
Note: Unitized transaxle component listings span several pages.			

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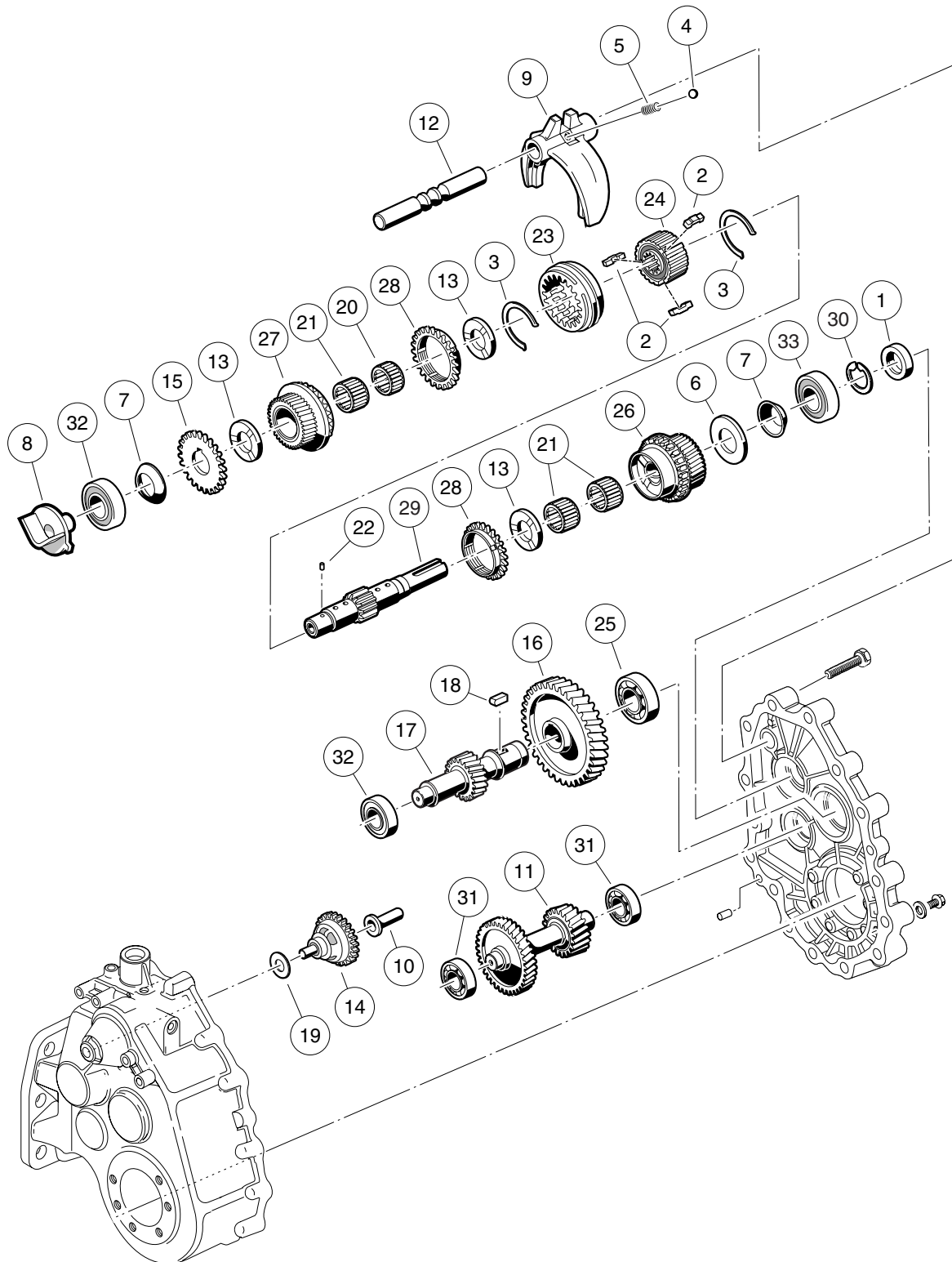


000456-001

UNITIZED TRANSAXLE – F&R TRANSMISSION AND GEAR REDUCTION – EARLIER VERSION

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1012714</u>	Oil Seal	1
2	<u>1012740</u>	Synchro Insert	3
3	<u>1012741</u>	Synchro Spring	2
4	<u>1012747</u>	Shifter Ball	1
5	<u>1012748</u>	Shifter Spring	1
6	<u>1016337</u>	Washer, Thrust	1
7	<u>1016338</u>	Washer, Spring	2
8	<u>101889401</u>	Guide	1
9	<u>101889901</u>	Shaft, Input	1
10	<u>101890001</u>	Fork - Shift	1
11	<u>101891601</u>	Sleeve, Governor	1
12	<u>101891901</u>	Gear, Cluster	1
13	<u>101892001</u>	Rod, Shift	1
14	<u>101892201</u>	Plate, Thrust	3
15	<u>101892301</u>	Governor Assembly	1
16	<u>101892401</u>	Gear, Spur	1
17	<u>101892501</u>	Gear, Helical (61 Tooth)	1
18	<u>101892601</u>	Gear, Helical (17 Tooth)	1
19	<u>101893201</u>	Key Sunk	1
20	<u>101893901</u>	Washer	1
21	<u>101927501</u>	Needle Bearing	1
22	<u>101927601</u>	Needle Bearing	3
23	<u>101927701</u>	Pin, .116" Dia X 0.264 Dowel	1
24	<u>101927901</u>	Sleeve, Synchro	1
25	<u>101928001</u>	Hub, Synchro Clutch	1
26	<u>101928101</u>	Bearing, Ball	1
27	<u>101980801</u>	Gear Assembly, 16-Degree Synchro (25 Tooth)	1
28	<u>101980901</u>	Gear Assembly, 16-Degree Rear Synchro (28 Tooth)	1
29	<u>101981001</u>	Ring, 16-Degree Synchronizer	2
30	<u>7335</u>	Bearing	2
31	<u>AM10080</u>	Bearing, Ball, Sealed	2
32	<u>AM10081</u>	Bearing, Ball, Sealed	1
Note: Items listed on this page are components of the unitized transaxle.			

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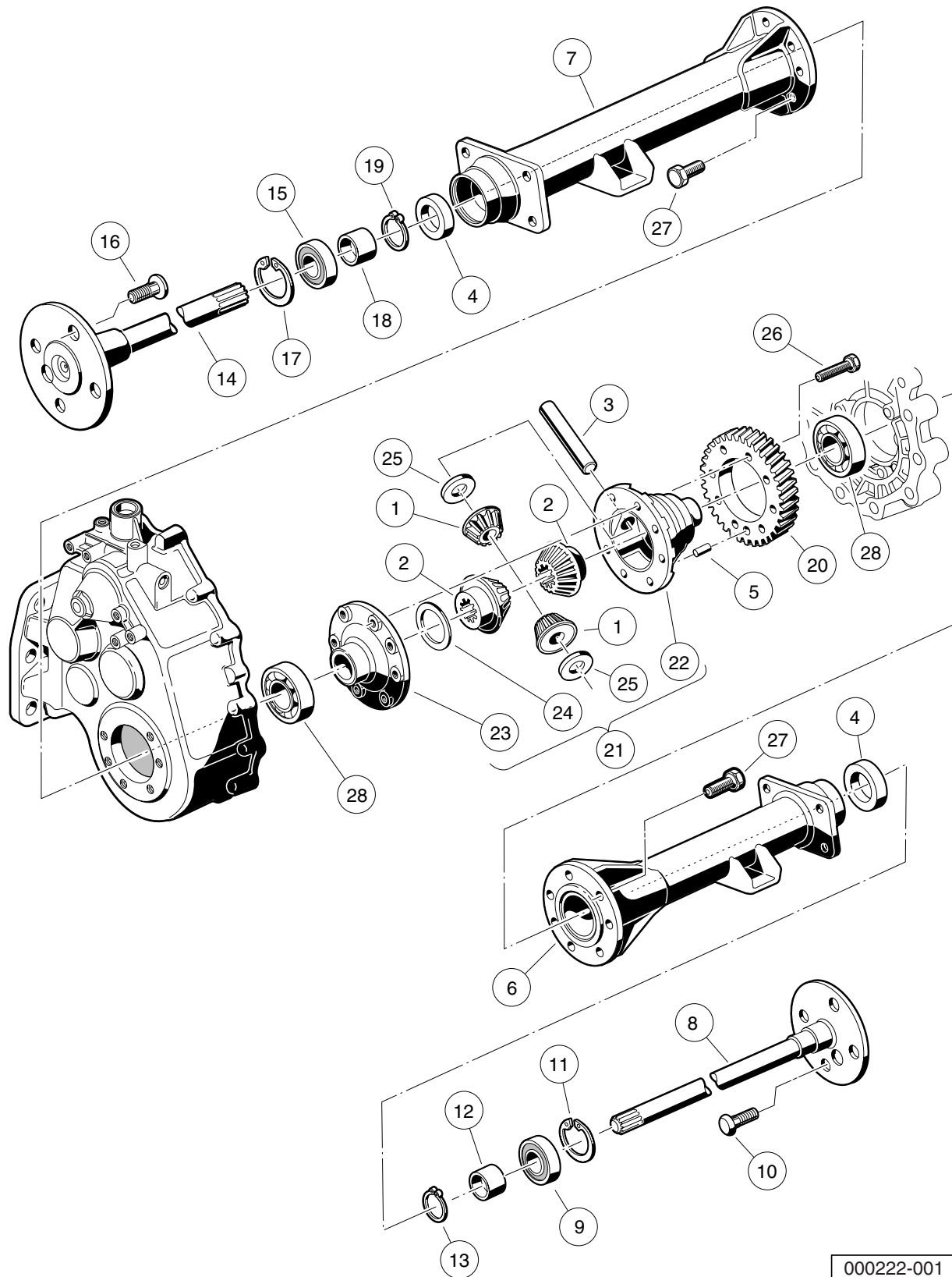


000221-001

UNITIZED TRANSAXLE – F&R TRANSMISSION AND GEAR REDUCTION – LATER VERSION

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

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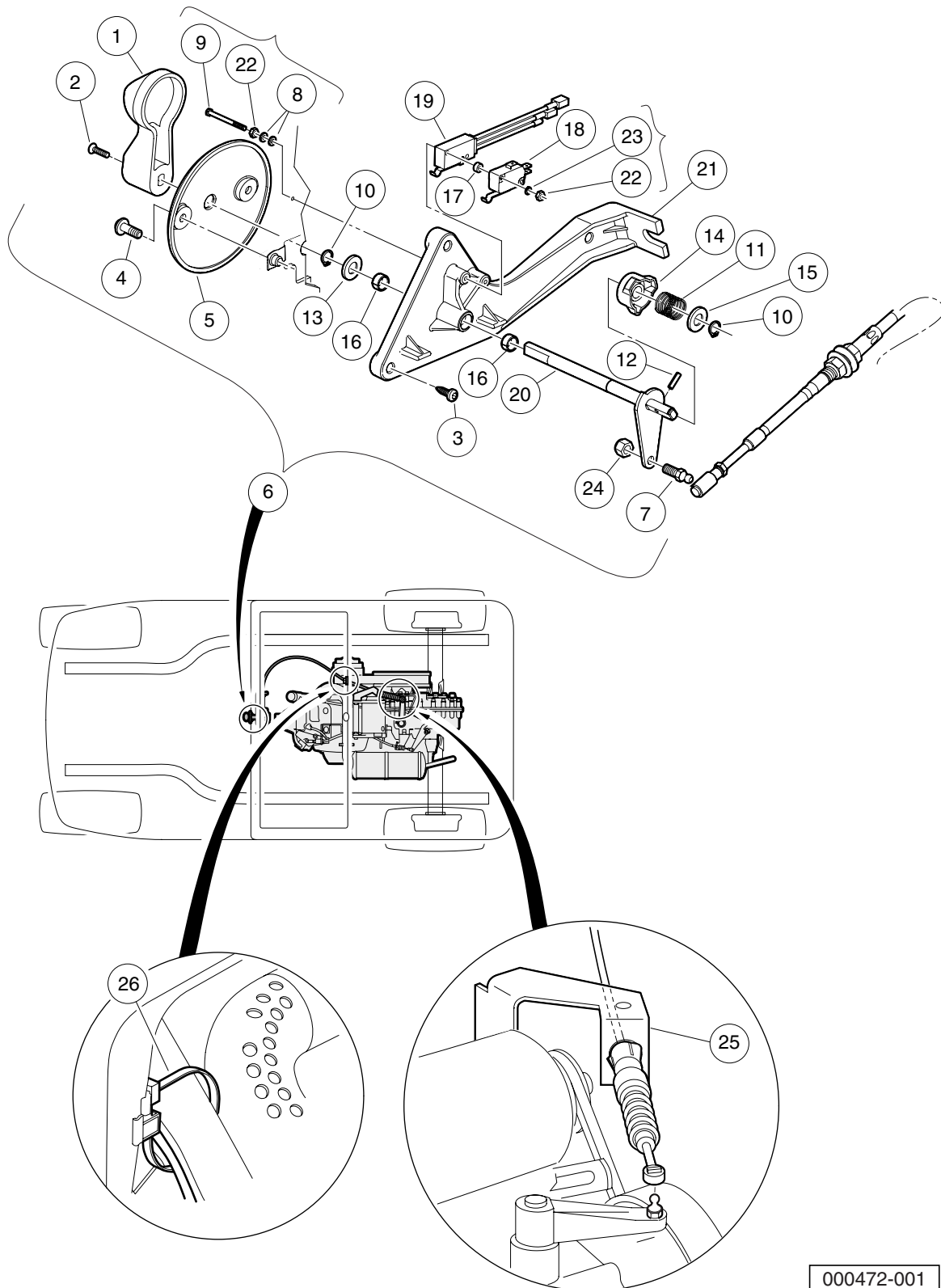
000222-001

UNITIZED TRANSAXLE – DIFFERENTIAL AND AXLES

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

11

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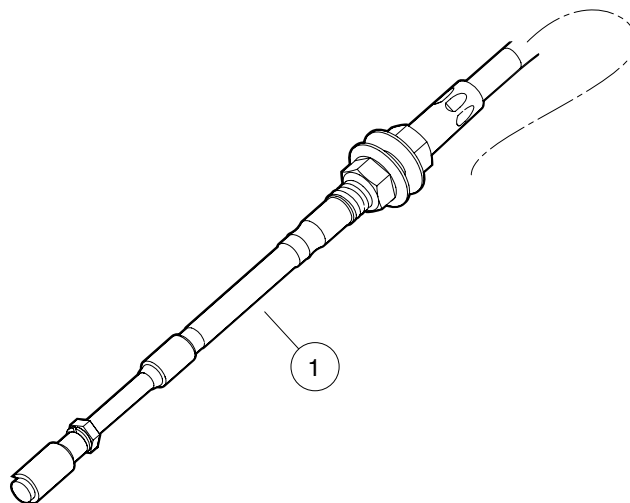


000472-001

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 Bttn Hd Sems	2
5	<u>102512001</u>	Bezel, FNR Gas	1
6	<u>102514601</u>	Assembly - Gas F-n-r Shifter (includes items 7 through 24)	1
7	<u>1010954</u>	Stud, 1/4-28 X 0.560 Ball	1
8	<u>1012431</u>	Washer, #4 Flat	4
9	<u>1012594</u>	Screw, #4-40 Machine	2
10	<u>1013589</u>	Ring, 0.338" Internal Retaining	2
11	<u>1013590</u>	Spring, FNR Cam	1
12	<u>1013591</u>	Pin, 1/8 X 1/2 Roll	1
13	<u>1014065</u>	Washer, 0.38" ID Delrin Flat	1
14	<u>1014089</u>	Neutral Lockout Cam Kit (includes item 15)	1
15	<u>1014065</u>	Washer, 0.38" ID Delrin Flat	1
16	<u>1014145</u>	Bushing, Secondary Weight, Split	2
17	<u>1014727</u>	Washer, #4 Nylon Flat	2
18	<u>1014807</u>	Switch, Limit	1
19	<u>101979101</u>	Assembly, Switch, Limit	1
20	<u>102515301</u>	Weldment, F-n-r Gas	1
21	<u>102515601</u>	Base, Gas FNR Shifter	1
22	<u>8057</u>	Nut, #4-40 Hex Machine	4
23	<u>8058</u>	Lockwasher, #4 Helical Split	2
24	<u>8717</u>	Locknut, 1/4-28 Nylon Insert	1
25	<u>102515501</u>	Bracket, Trans Cable Support	1
26	<u>102554901</u>	Clip,edge,trans Shift Cable	1

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000473-001

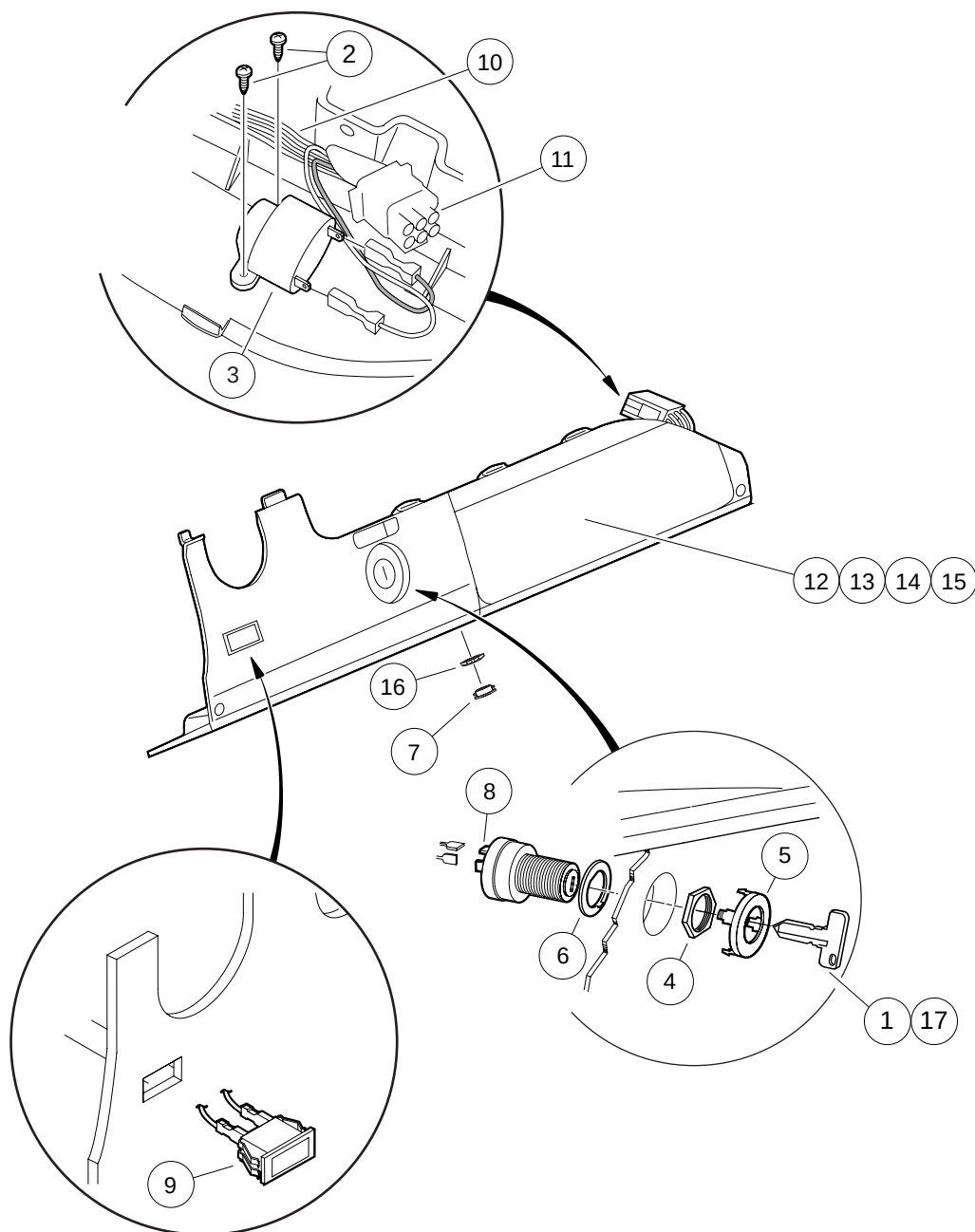
TRANSMISSION CABLE

ITEM	PART NO.	DESCRIPTION	QTY	11
1	<u>102516001</u>	1 2 3 4 Cable, Transmission	1	G

ELECTRICAL SYSTEM – ELECTRIC VEHICLE

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000490-001

ELECTRICAL COMPONENTS, FRONT BODY – ELECTRIC VEHICLE

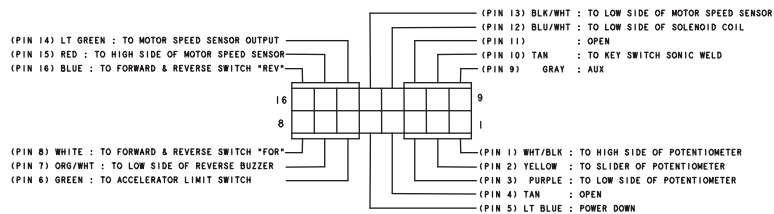
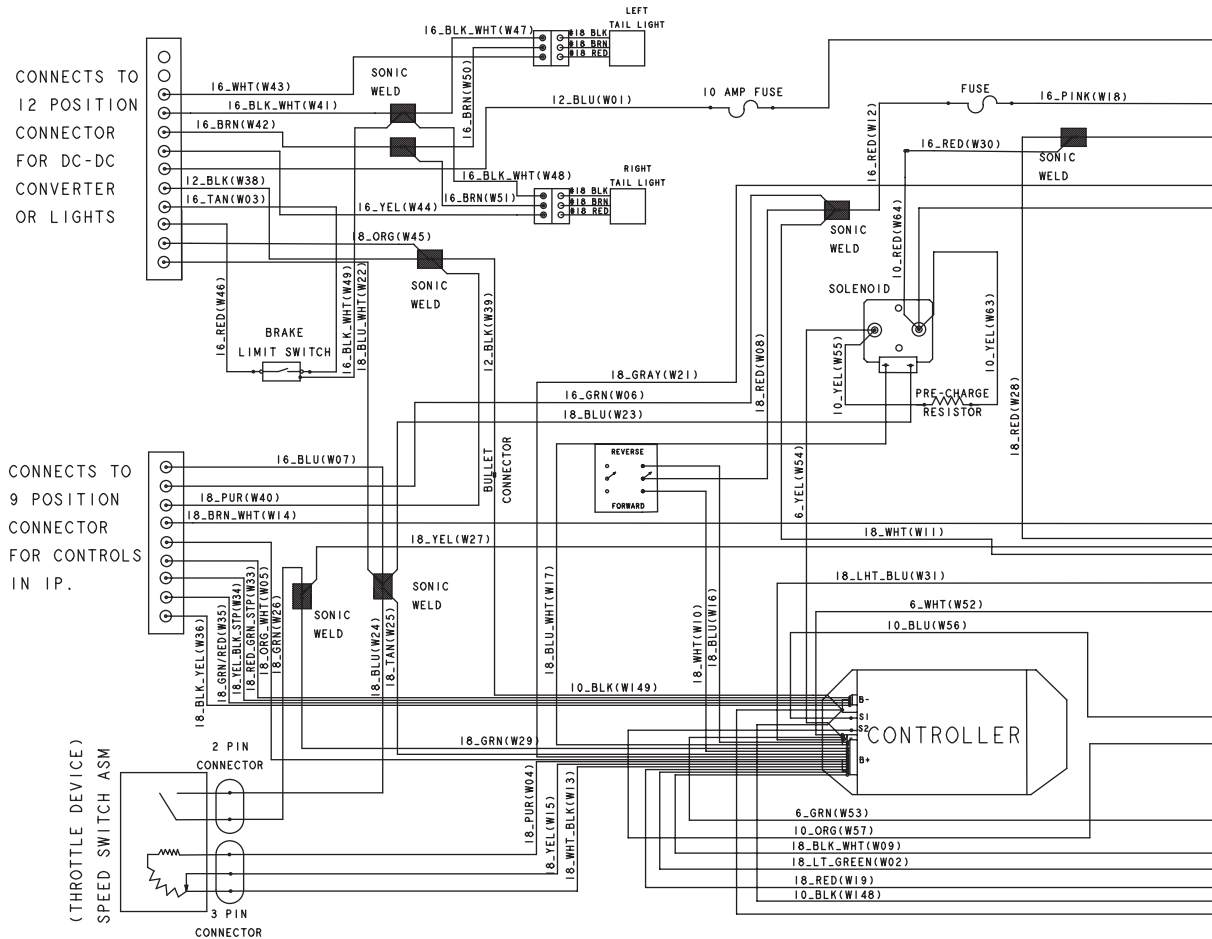
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1012505</u>	Keys (set of 2)	1
2	<u>1016849</u>	Screw, #4-24 X 0.33 Pan-Head Machine	2
3	<u>1016851</u>	Buzzer, Reverse (9-48 VDC)	1
4	<u>101830701</u>	Nut, Key Switch	1
5	<u>101834502</u>	Cap, Black Key Switch	1
6	<u>101851101</u>	Washer, Key Switch	1
7	<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	<u>102223401</u>	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.	

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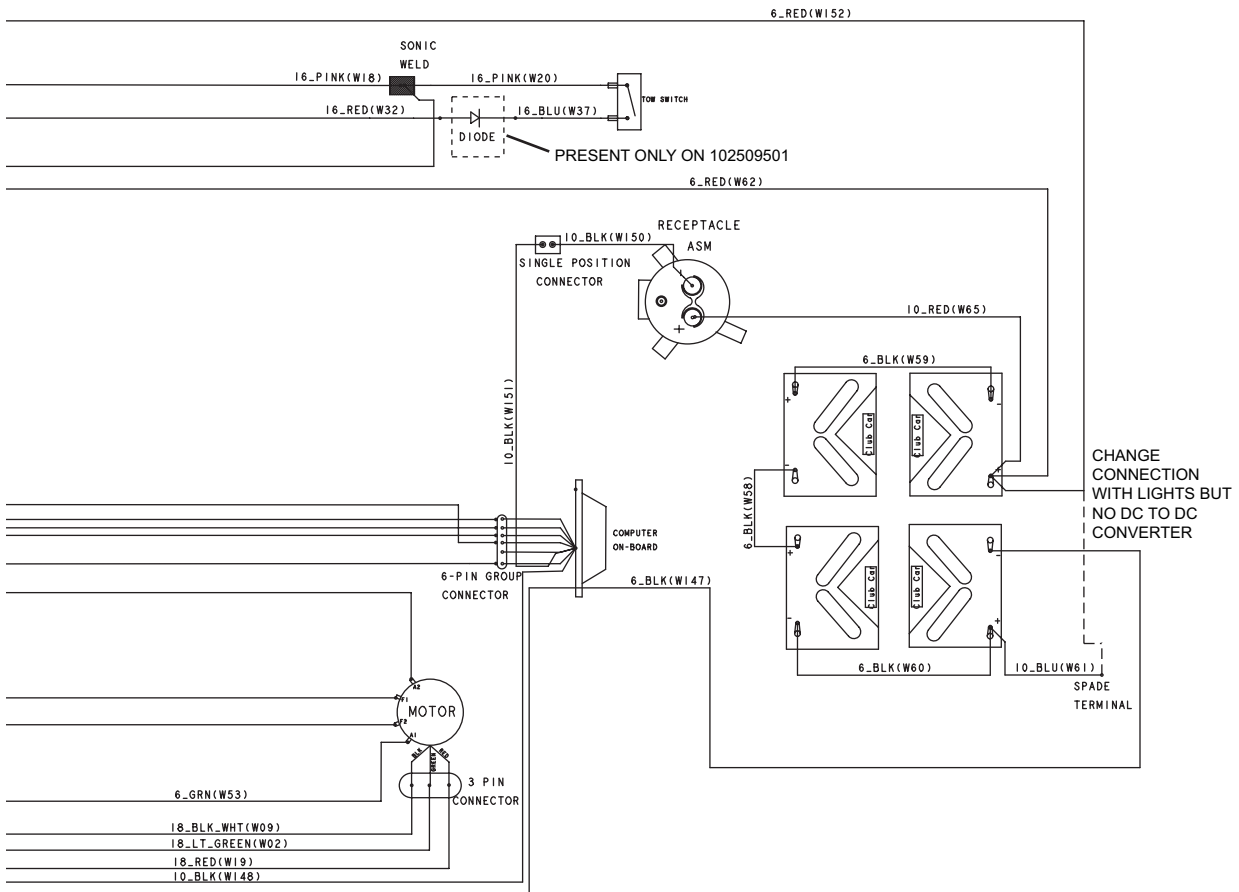
IQ SYSTEM VEHICLE - STYLE A BATTERY CONFIGURATION

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16 - PIN CONNECTOR AT CONTROLLER

000498-001



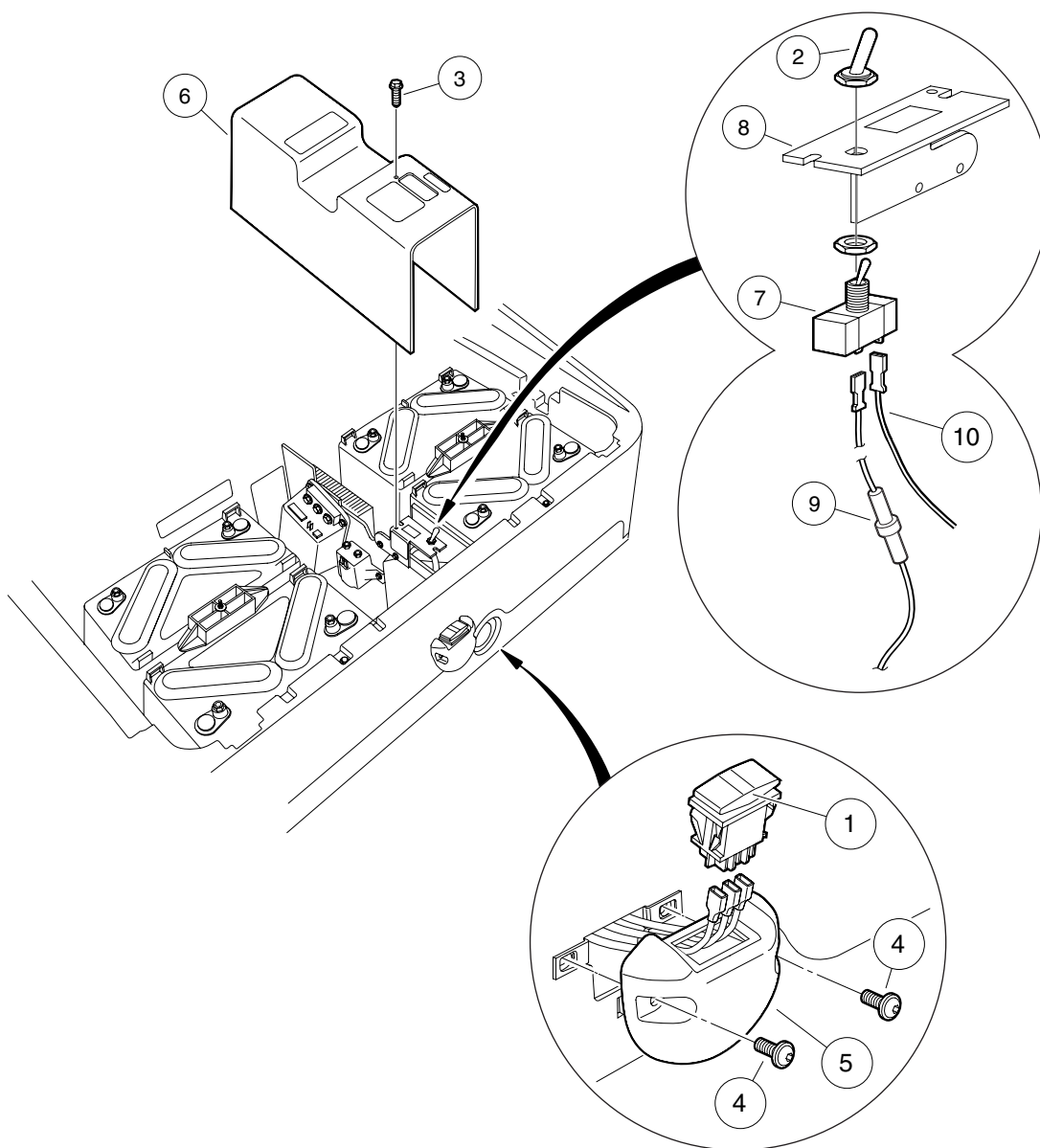
NOTE:
SOME WIRING / COMPONENTS SHOWN
ARE OPTIONAL ACCESSORIES

000498-001

See previous two pages for illustration.

WIRING – ELECTRIC VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY	12
		1 2 3 4		
1	<u>102510101</u>	Motor Sub-harness	1	
2	<u>102550301</u>	Sub Harness Charger, Prec	1	E
3	<u>102585801</u>	Prec Elec Harness For 1510a	1	
4	<u>102590001</u>	Prec Ce Tow-switch Diode	1	
Note: Item 4 is used on vehicles going to the European Union.				



000462-001

FORWARD/REVERSE SWITCH AND TOW/RUN SWITCH – ELECTRIC VEHICLE

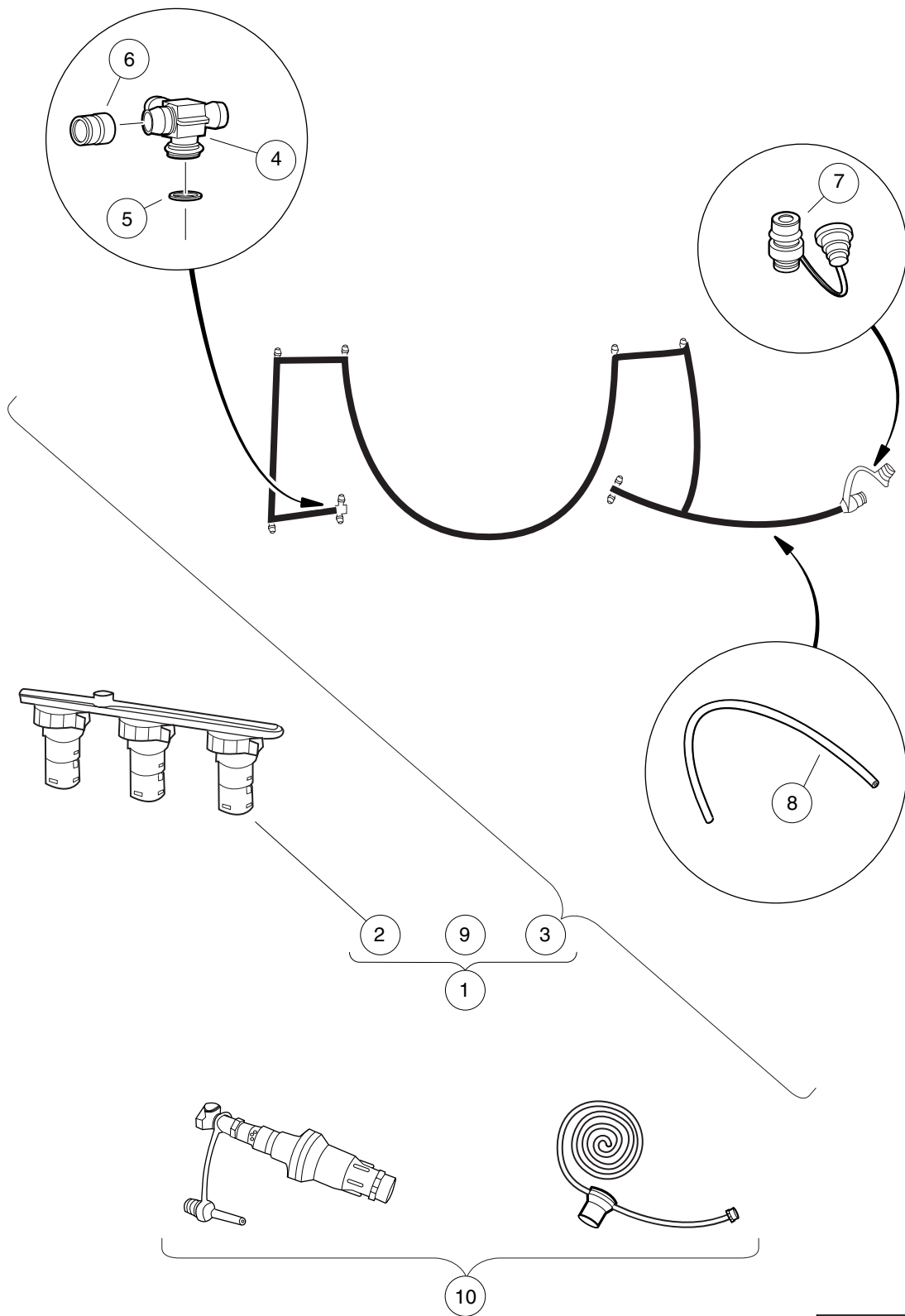
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>101856001</u>	Switch, Rocker, Double-Pole	1
2	<u>101908401</u>	Boot, Switch	1
3	<u>102296716</u>	Screw, M6 X 16 Tt Hx Fl Hd	1
4	<u>102296920</u>	Screw, M6 Torx Bttn Hd Sems	2
5	<u>102508401</u>	Housing, FNR Electric	1
6	<u>102510901</u>	Cover, Electronics Module	1
7	<u>102511101</u>	Switch, Tow	1
8	<u>102520001</u>	Hour Meter/tow Switch Bkt	1
9	<u>102538601</u>	15 Amp Fuse	1
10	<u>102576801</u>	Diode Asm, Precedent	1

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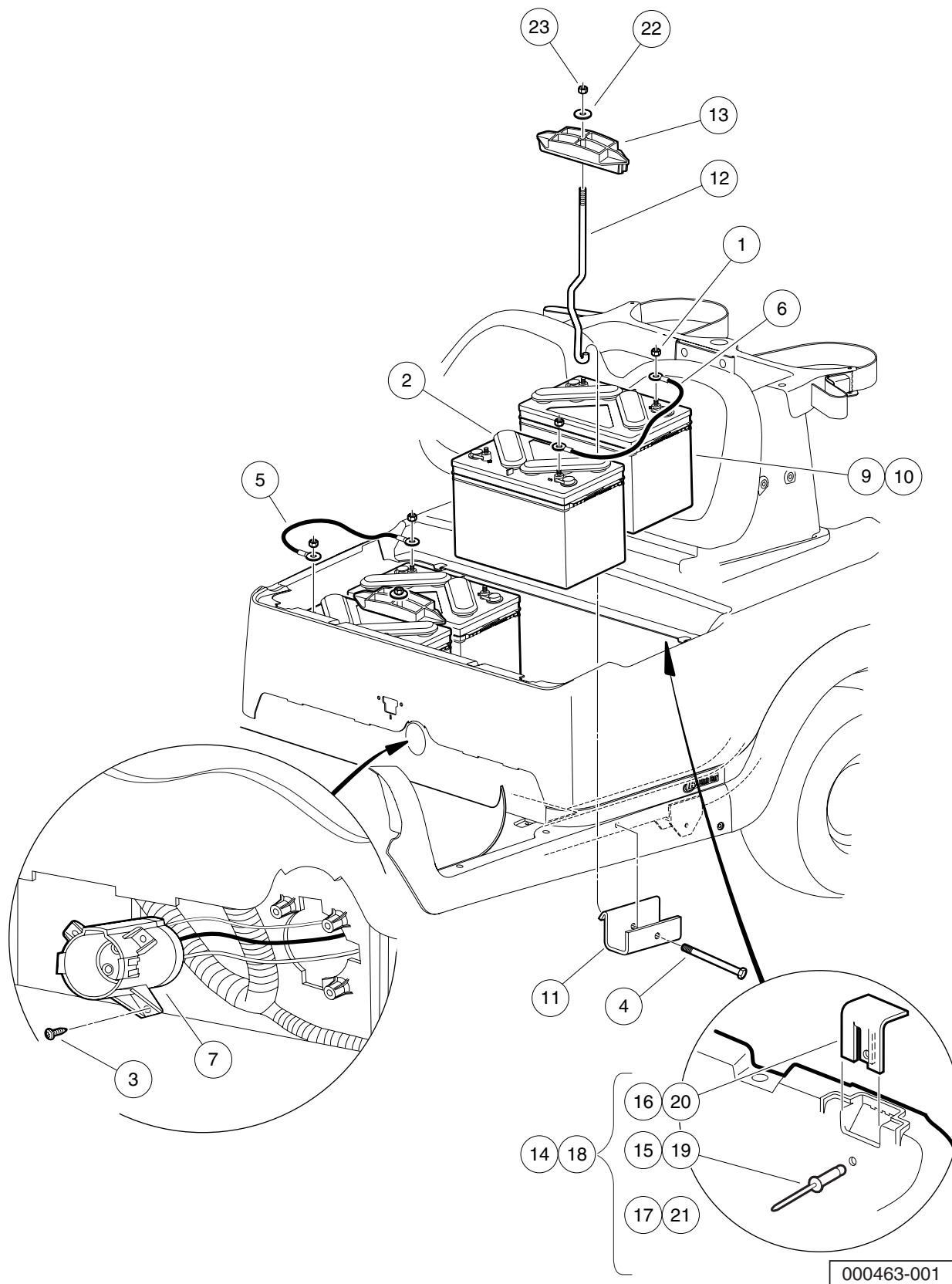
000731-001

SINGLE POINT WATERING SYSTEM

ITEM	PART NO.	DESCRIPTION	QTY	12
		1 2 3 4		
1	<u>102956301</u>	Kit Spws Prec Fr (includes items 2 through 9)	1	
2	<u>102956401</u>	Manifold, SPWS (Single-Point Watering System)	8	E
3	<u>102956501</u>	Assy Tube Single-Point Watering System, Precedent (includes items 4 through 8)	1	
4	<u>103226201</u>	Fitting Spws Swivel T	8	
5	<u>103226301</u>	O-ring Spws Swivel T	8	
6	<u>103226401</u>	Cap Spws Swivel T Red	9	
7	<u>103226601</u>	Coupler Male Spws Supply	1	
8	<u>103226701</u>	Tubing Spws Bulk Roll	1	
9	<u>102989101</u>	Instr Spws Kit Prec Ds Fr	1	
10	<u>102958001</u>	Kit Regulated Hose Sply Spws	1	

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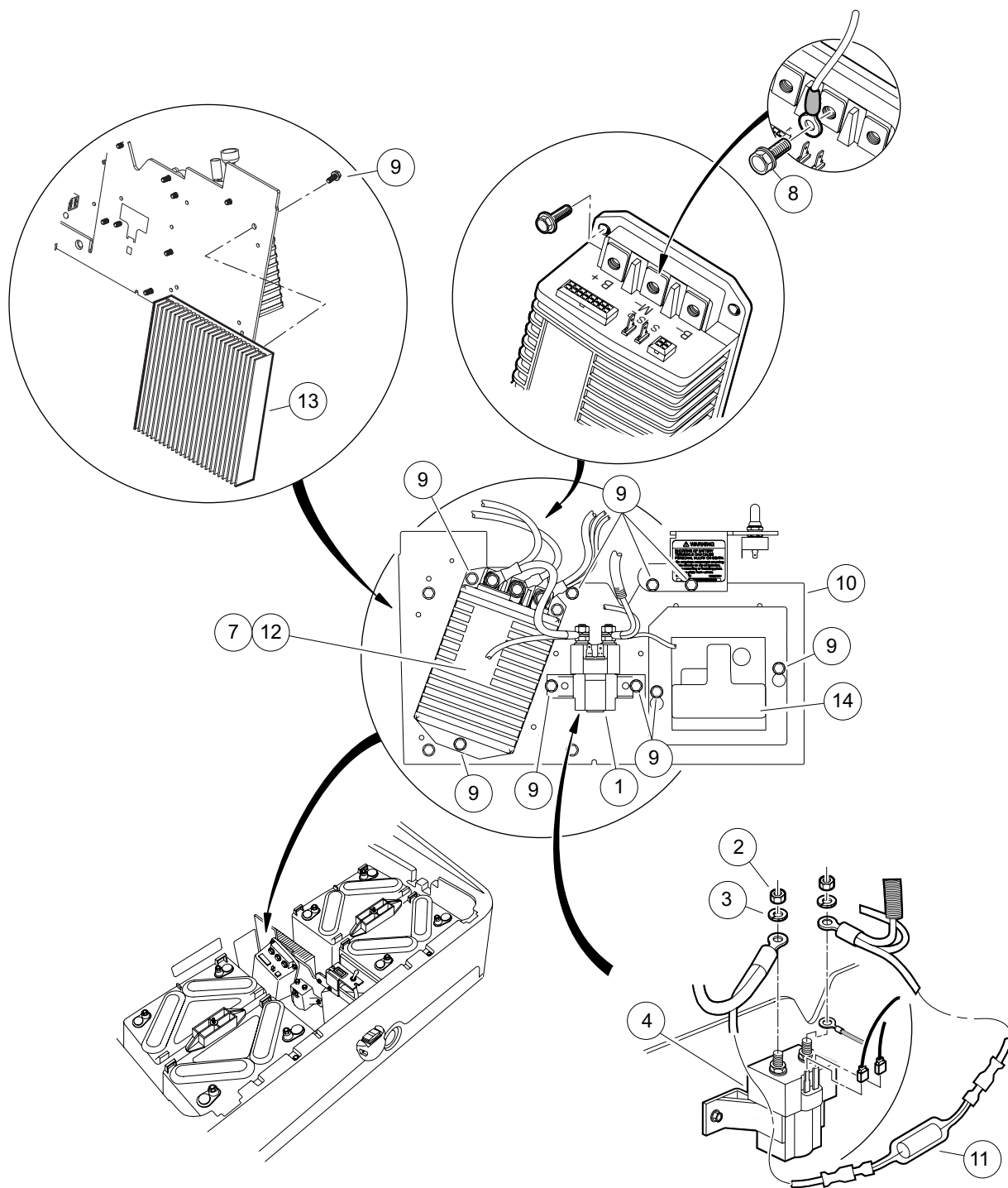


BATTERIES, BUCKET, AND CHARGER RECEPTACLE – ELECTRIC VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1014304</u>	Nut, 5/16-18 Stainless-Steel Hex	8
2	<u>101831401</u>	Battery Cap 6 Volt	8
3	<u>102293512</u>	Screw-k35 Torx Pan Head Pt	3
4	<u>102298770</u>	M8-1.25x70 Taptite	2
5	<u>102509701</u>	Cable - Ev Passenger Jumper	1
6	<u>102509801</u>	Cable - Ev Rear Jumper	2
7	<u>102510201</u>	Receptacle Asm	1
8	<u>102510601</u>	Bucket-Electric Vehicle (not shown)	1
9	<u>102511301</u>	Battery, Ventmaster 12-Volt (Wet)	4
10	<u>102511302</u>	Battery, Ventmaster 12-Volt (Dry, also known as moist)	4
11	<u>102526401</u>	Support - Battery Clamp	2
12	<u>102526801</u>	Rod - Battery Clamp	2
13	<u>102534001</u>	Clamp - Battery	2
14	<u>102577001</u>	Kit, Bucket Closeout (includes items 15 through 17)	1
15	<u>1013357</u>	Rivet, 5/32 Aluminum Pop	2
16	N/A	Bracket, Bucket Closeout	2
17	N/A	Instr. Bucket Closeout	1
18	<u>102577002</u>	Kit, Bucket Closeout - 10 Sets (includes items 19 through 21)	1
19	<u>1013357</u>	Rivet, 5/32 Aluminum Pop	20
20	N/A	Bracket, Bucket Closeout	20
21	N/A	Instr. Bucket Closeout	1
22	<u>808</u>	Washer, 3/8 Type B Flat	2
23	<u>8754</u>	Locknut, 3/8-16 Hex	2

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000486-001

COMPUTER, CONTROLLER, AND SOLENOID – ELECTRIC VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY	12
		1 2 3 4		
1	<u>101908701</u>	Solenoid, 48-Volt (includes items 2 through 6)	1	
2	<u>1012528</u>	Nut, M8-1.25 Hex	2	E
3	<u>1013734</u>	Lockwasher, 8mm Split	2	
4	N/A	Solenoid, 48-Volt	1	
5	N/A	Washer, Lock	2	
6	N/A	Nut	2	
7	<u>101956503</u>	Controller, 48-volt, IQ, CE Mark	1	
8	<u>102240501</u>	Bolt, Controller, Terminal	3	
9	<u>102296716</u>	Screw, M6 X 16 Tt Hx Fl Hd	13	
10	<u>102510802</u>	Plate - Heat Sink Mntg Solnd	1	
11	<u>102522701</u>	Asm, Pre-charge Resistor	1	
12	<u>102806201</u>	Controller, IQ, 48-volt	1	
13	<u>103262001</u>	Heat Sink Prec	1	
14	<u>103403201</u>	Precedent V3.0 Obc	1	
Note: Item 7 is for vehicles shipped to the European Union. Items 5 & 6 are not used in this application.				

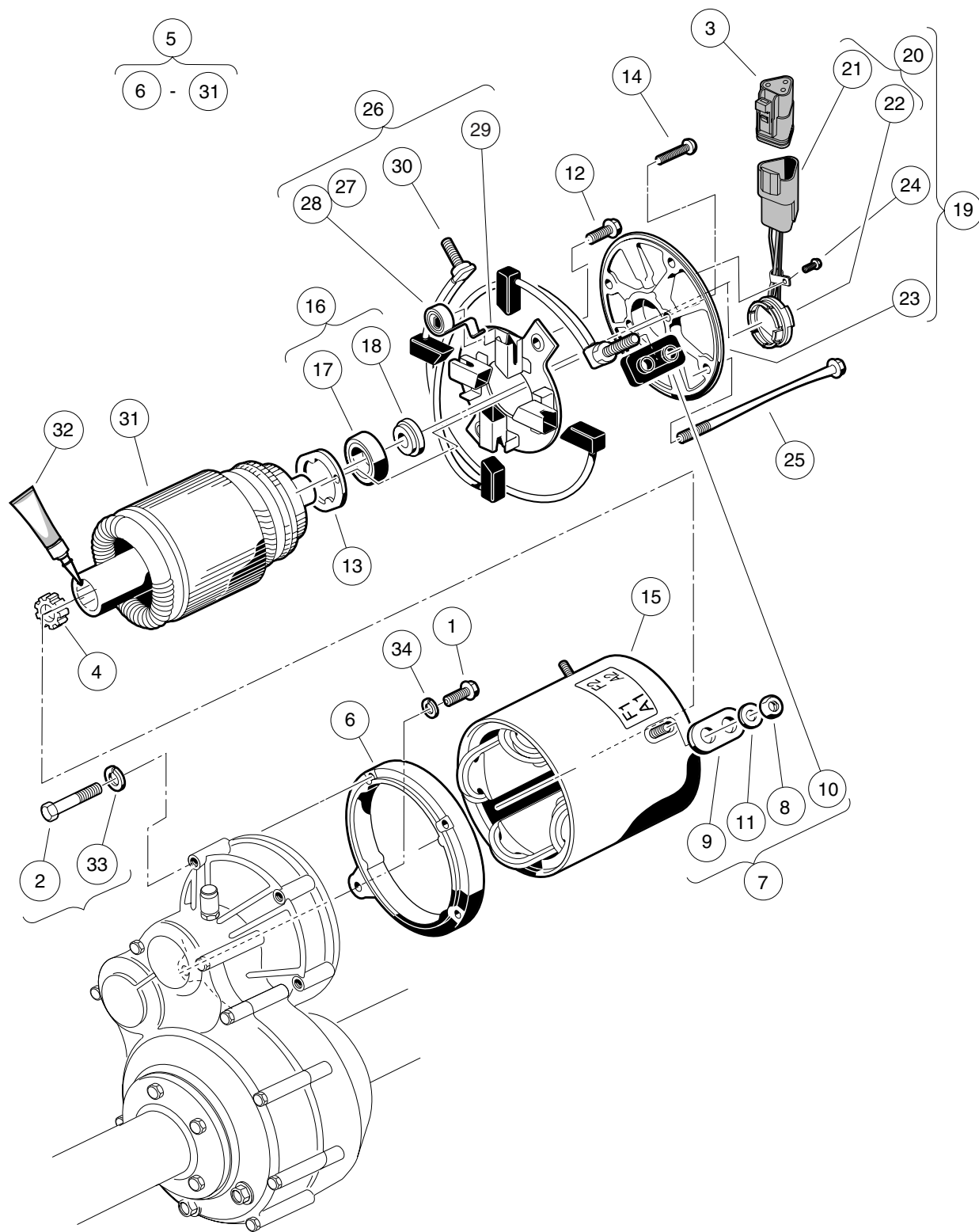
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ELECTRIC MOTOR

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000349-001

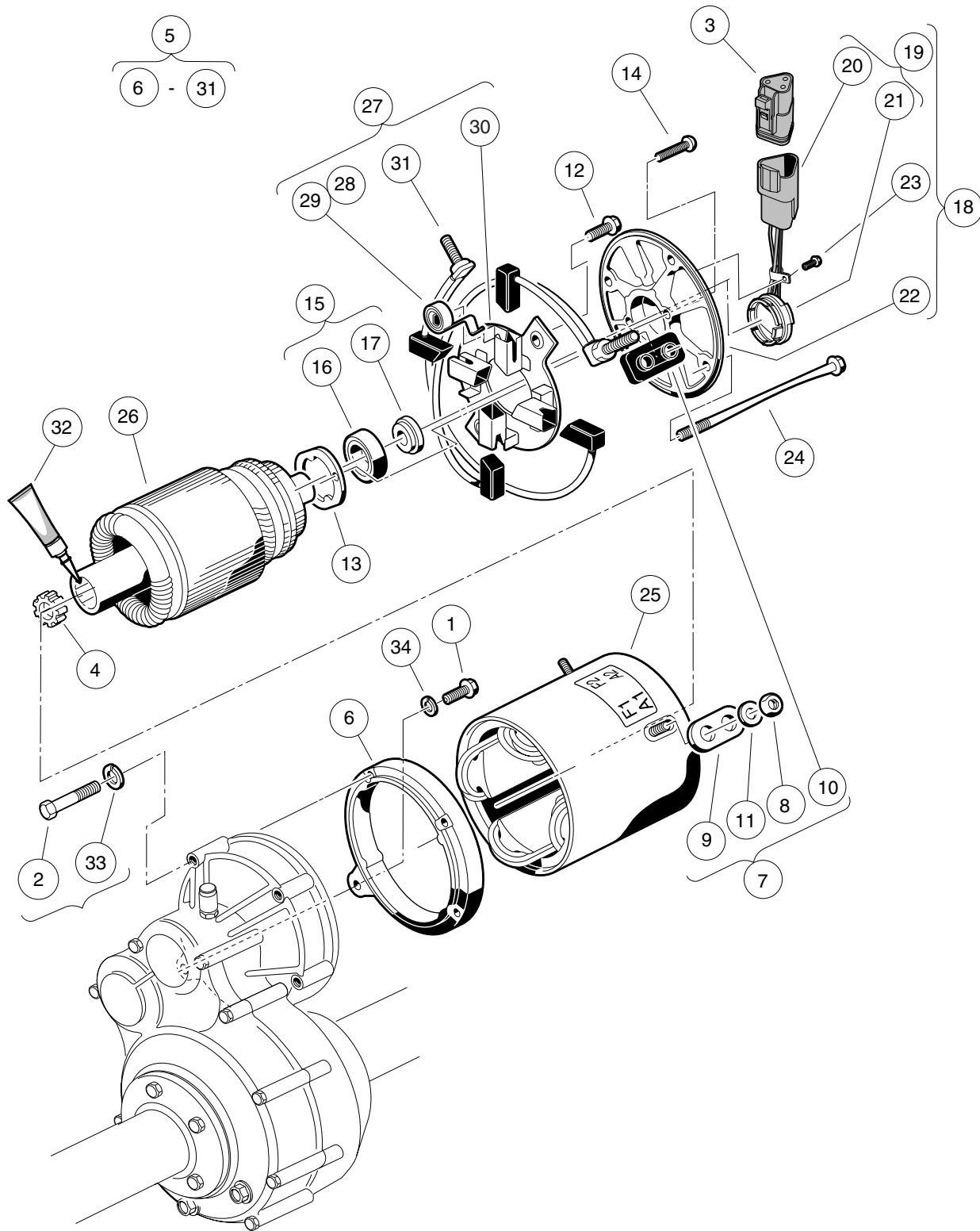
MOTOR (MODEL 5BC59JBS6365) – ELECTRIC VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1010934</u>	Screw, 5/16-18 X 1.00 Hex Cap	1
2	<u>1014201</u>	Screw, 1/4-20 X 2.25 Hex Cap	3
3	<u>101920101</u>	Kit, 3-Pin Wedge Lock	1
4	<u>102235201</u>	Bumper, Drive Unit	1
5	N/A	Motor, 48-Volt Shunt-Wound * (includes items 6 through 31)	1
6	<u>1017944</u>	End Shield	1
7	<u>1017947</u>	Hardware Package (includes items 8 through 11)	1
8	<u>1011280</u>	Locknut, 5/16-18	4
9	N/A	Insulator Bushing	2
10	N/A	Insulated Bushing	2
11	<u>1241</u>	Washer, 5/16 Type A Flat	4
12	<u>1017949</u>	Screw, #6-32 X 0.480 Hex-Head	2
13	<u>1017950</u>	Bearing Retainer	1
14	<u>1017953</u>	Screw, Bearing Retainer	2
15	<u>102265501</u>	Stator Shell and Winding	1
16	<u>102265701</u>	Kit, Bearing and Magnet (includes items 17 and 18)	1
17	N/A	Ball Bearing	1
18	N/A	Magnet	1
19	<u>102265901</u>	Motor End Shield Asm (includes items 20 through 24)	1
20	<u>102265601</u>	Speed Sensor Assembly (includes items 21 and 22)	1
21	<u>101942301</u>	Kit, 3-Pin Wedge Lock	1
22	N/A	Sensor, Speed, without Connector	1
23	<u>102266001</u>	End Shield, Motor	1
24	<u>102267001</u>	Screw, #8-32 X 0.375 Hex-Head	1
25	<u>102266101</u>	Screw, #10 - 32 X 8.250	4
26	<u>102327801</u>	Brush Assembly, Beveled (includes items 27 through 30)	1
27	<u>1011411</u>	Kit, Brush Spring (ge Motor) (includes item 28)	1
28	N/A	Brush Spring	4
29	<u>1017948</u>	Brush Rigging	1
30	<u>102251901</u>	Brush Kit, Motor	1
31	N/A	Armature	1
32	<u>102243403</u>	Lubricant, Moly-Teflon (Single-Use Tube)	1
33	<u>451</u>	Lockwasher, 1/4 Helical Split	3
34	<u>7174</u>	Lockwasher, 5/16 Split	1

* Note: The model 5BC59JBS6365 motor has been discontinued. To replace the motor, use motor model 5BC59JBS6390.

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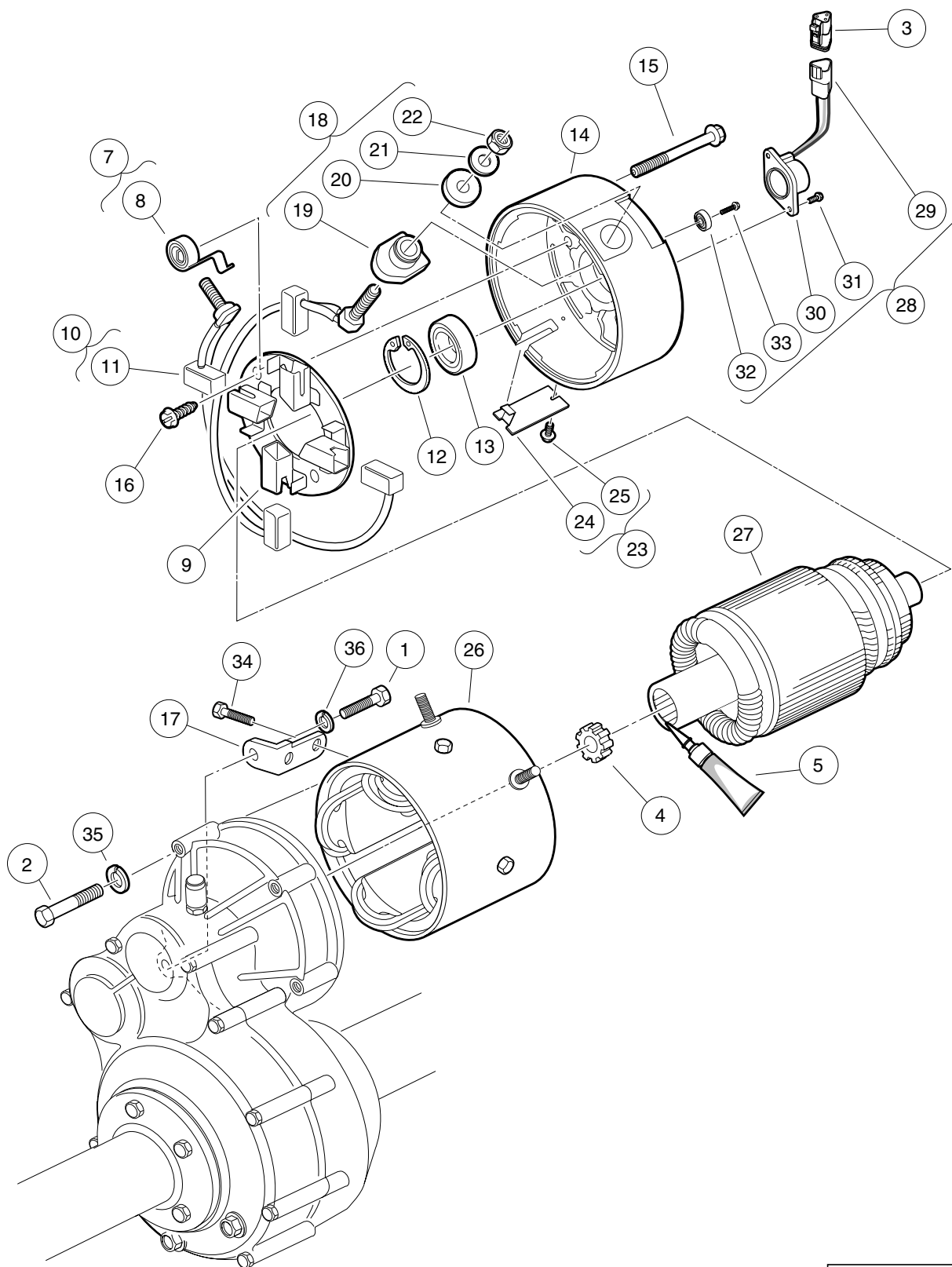
000349-002

MOTOR (MODEL 5BC59JBS6365A) – ELECTRIC VEHICLE (LATER VERSION)

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1010934</u>	Screw, 5/16-18 X 1.00 Hex Cap	1
2	<u>1014201</u>	Screw, 1/4-20 X 2.25 Hex Cap	3
3	<u>101920101</u>	Kit, 3-Pin Wedge Lock	1
4	<u>102235201</u>	Bumper, Drive Unit	1
5	<u>102240104</u>	Motor, 48-Volt Non-Skew IQ (includes items 6 through 27)	1
6	<u>1017944</u>	End Shield	1
7	<u>1017947</u>	Hardware Package (includes items 8 through 11)	1
8	<u>1011280</u>	Locknut, 5/16-18	4
9	N/A	Insulator Bushing	2
10	N/A	Insulated Bushing	2
11	<u>1241</u>	Washer, 5/16 Type A Flat	4
12	<u>1017949</u>	Screw, #6-32 X 0.480 Hex-Head	2
13	<u>1017950</u>	Bearing Retainer	1
14	<u>1017953</u>	Screw, Bearing Retainer	2
15	<u>102265701</u>	Kit, Bearing and Magnet (includes items 16 and 17)	1
16	N/A	Ball Bearing	1
17	N/A	Magnet	1
18	<u>102265901</u>	Motor End Shield Asm (includes items 19 through 23)	1
19	<u>102265601</u>	Speed Sensor Assembly (includes items 20 and 21)	1
20	<u>101942301</u>	Kit, 3-Pin Wedge Lock	1
21	N/A	Sensor, Speed, without Connector	1
22	<u>102266001</u>	End Shield, Motor	1
23	<u>102267001</u>	Screw, #8-32 X 0.375 Hex-Head	1
24	<u>102266101</u>	Screw, #10 - 32 X 8.250	4
25	<u>103325701</u>	Stator Shell and Winding	1
26	N/A	Non Skew Armature	1
27	<u>103337601</u>	Brush Assembly, IQ Motor, Non-Skew (includes items 28 through 31)	1
28	<u>1011411</u>	Kit, Brush Spring (ge Motor) (includes item 29)	1
29	N/A	Brush Spring	4
30	<u>103325501</u>	Brush Rigging, Non-Skew Motor	1
31	<u>103325601</u>	Brush Set, Non-Skew	1
32	<u>102243403</u>	Lubricant, Moly-Teflon (Single-Use Tube)	1
33	<u>451</u>	Lockwasher, 1/4 Helical Split	3
34	<u>7174</u>	Lockwasher, 5/16 Split	1

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000185-001

MOTOR (MODEL EJ4-4001) – ELECTRIC VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1010934</u>	Screw, 5/16-18 X 1.00 Hex Cap	1
2	<u>1014201</u>	Screw, 1/4-20 X 2.25 Hex Cap	3
3	<u>101920101</u>	Kit, 3-Pin Wedge Lock	1
4	<u>102235201</u>	Bumper, Drive Unit	1
5	<u>102243403</u>	Lubricant, Moly-Teflon (Single-Use Tube)	1
6	<u>102705001</u>	IQ Electric Motor, 48-VDC 3.3 hp (includes items 7 through 34)	1
7	<u>102186001</u>	Spring Kit, Motor Brush (includes item 8)	1
8	N/A	Spring, Brush, S-g	4
9	<u>102186101</u>	Brush Box Assembly	1
10	<u>102186201</u>	Brush Kit, Motor (includes item 11)	1
11	N/A	Assembly, Brush and Terminal	2
12	<u>102186301</u>	Ring, 2.24" Internal Retaining	1
13	<u>102186401</u>	Bearing, Ball	1
14	<u>102186701</u>	End Cap, Motor	1
15	<u>102186801</u>	Screw, 1/4-20 X 2.25 Hex-Head Washer	2
16	<u>102186901</u>	Screw, #8-32 X .5 Hex-Head	2
17	<u>102187001</u>	L-Bracket, Motor	1
18	<u>102187101</u>	Hardware Kit, Motor Terminal (includes items 19 through 22)	2
19	N/A	Bushing, Nylon	2
20	N/A	Washer, Nylon Flat	2
21	N/A	Washer, Flat, 5/16 Steel	2
22	N/A	Nut, Brass Hex, 5/16 - 18	2
23	<u>102187201</u>	Plate Kit, Motor Cover (includes items 24 and 25)	1
24	N/A	Assembly, Cover Plate	1
25	N/A	Screw, #8-32 x 0.375, Taptite Thread	1
26	<u>102704701</u>	Frame and Field Assembly	1
27	<u>102704801</u>	Armature Assembly	1
28	<u>102704901</u>	Kit, Speed Sensor (includes items 29 through 33)	1
29	<u>101942301</u>	Kit, 3-Pin Wedge Lock	1
30	N/A	Sensor, Motor Speed, ADC	1
31	N/A	Screw, #8-32, Taptite Thread	2
32	N/A	Magnet, ADC Motor	1
33	N/A	Screw, 1/4-20 x 0.5	1
34	N/A	Bolt, 1/4 - 20 x 0.73 Thread-Forming	2
35	<u>451</u>	Lockwasher, 1/4 Helical Split	3
36	<u>7174</u>	Lockwasher, 5/16 Split	1

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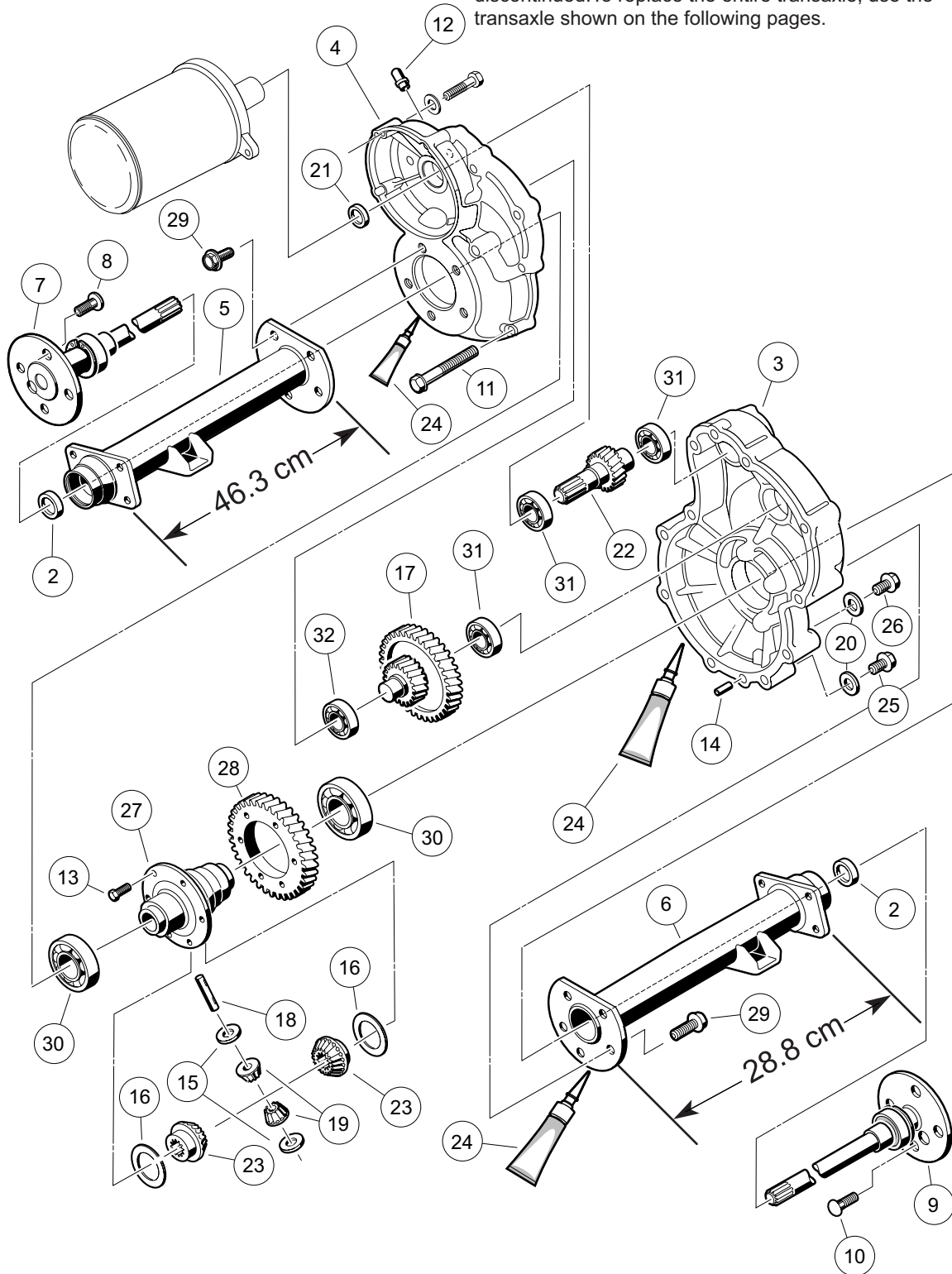
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TRANSAXLE – ELECTRIC VEHICLES

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Note: This transaxle (as a complete unit) has been discontinued. To replace the entire transaxle, use the transaxle shown on the following pages.



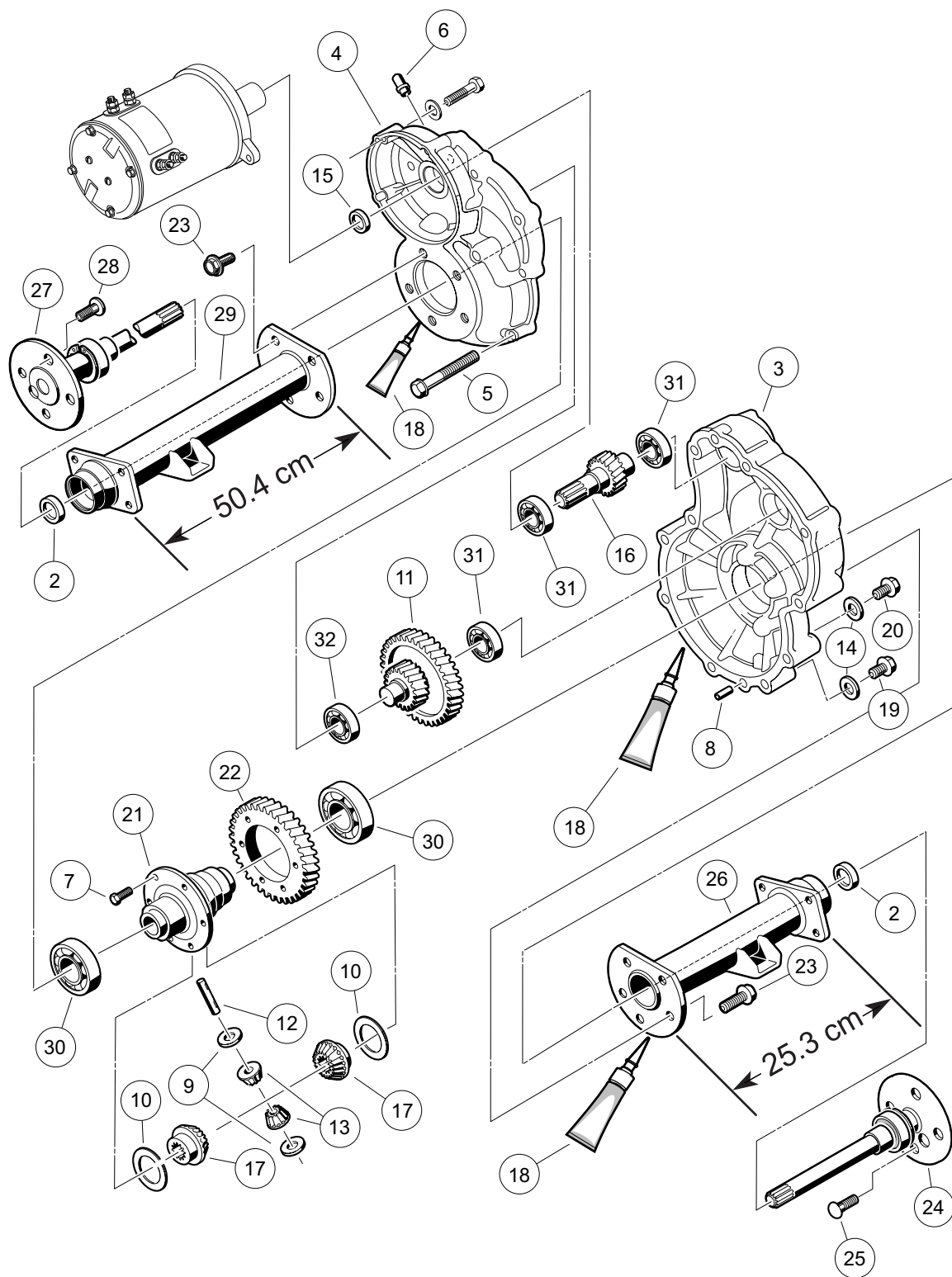
000223-001

TRANSAXLE – ELECTRIC VEHICLE (EARLIER VERSION)

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	N/A	Transaxle -12.3 (includes items 2 through 32)	1
2	<u>1013794</u>	Axle Shaft Oil Seal	2
3	<u>101895401</u>	Gear Case, Left-Hand	1
4	<u>101895501</u>	Gear Case, Passenger-Side	1
5	<u>101895601</u>	Tube, Axle, Passenger-Side	1
6	<u>101895701</u>	Tube, Axle, Driver-Side	1
7	<u>101895801</u>	Axle Assembly, Passenger-Side (includes item 8)	1
8	<u>101922201</u>	Lug Stud	4
9	<u>101895901</u>	Axle Assembly, Driver-Side (includes item 10)	1
10	<u>101922201</u>	Lug Stud	4
11	<u>101897001</u>	Screw, M8-1.25 X 60mm Hex-Head	11
12	<u>101897201</u>	Breather	1
13	<u>101897401</u>	Screw, M10-1.25 X 25mm	6
14	<u>101897601</u>	Pin, 11mm OD X 8.5mm ID X 10mm	2
15	<u>101903601</u>	Washer, Thrust	2
16	<u>101903701</u>	Washer, Thrust	2
17	<u>101906901</u>	Intermediate Shaft Assembly	1
18	<u>101922101</u>	Pin, 15.99mm X 88.7mm Dowel	1
19	<u>101923001</u>	Gear, Differential Idler	2
20	<u>101923201</u>	Gasket	2
21	<u>101923501</u>	Seal, Lip	1
22	<u>101923701</u>	Shaft, Input	1
23	<u>101923901</u>	Gear, Differential	2
24	<u>101928701</u>	Liquid Gasket (Transaxle case)	A/R
25	<u>101972101</u>	Plug, M14-1.5 X 12mm Magnetic	1
26	<u>101972201</u>	Plug, M14-1.5 X 12mm Hex	1
27	<u>102356601</u>	Housing, Differential, 6 Bolt	1
28	<u>102356801</u>	Gear, Differential Output, 6-Bolt	1
29	<u>102357001</u>	Screw, Flg Hd M10 X 1.5 X 30	10
30	<u>7330</u>	Inner Axle Tube Bearing	2
31	<u>7335</u>	Bearing	3
32	<u>7336</u>	Bearing	1
Note: If either the Differential Output Gear (item 28) or the Differential Housing (item 27) require replacement, both must be purchased at the same time. Items 27 and 28 are replacements for all gear and differential housing combinations in this transaxle.			

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000223-002

TRANSAXLE – ELECTRIC VEHICLE (LATER VERSION)

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, Left-Hand	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	<u>101923701</u>	Shaft, Input	1
17	<u>101923901</u>	Gear, Differential	2
18	<u>101928701</u>	Liquid Gasket (Transaxle case)	A/R
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

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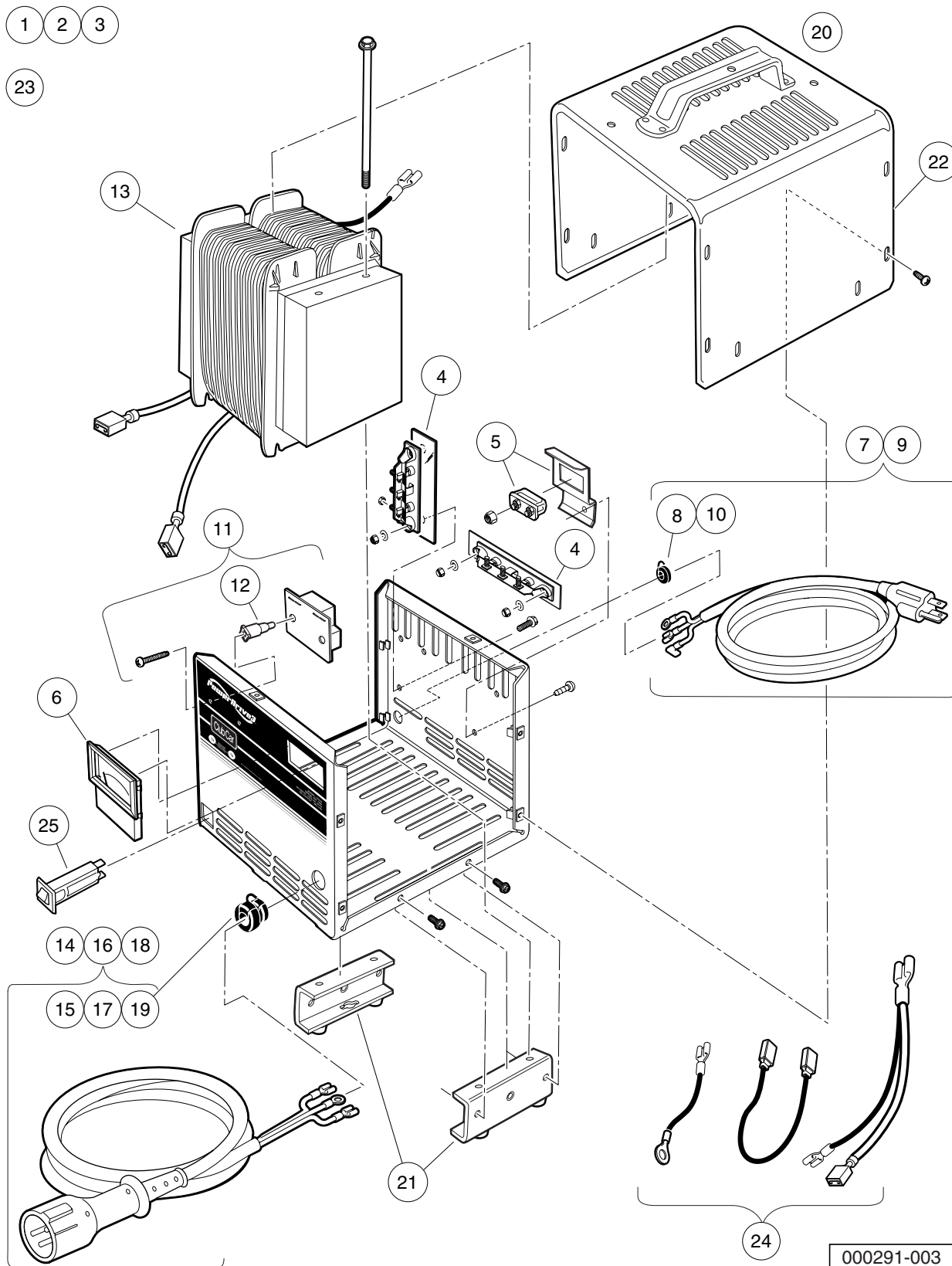
BATTERY CHARGER

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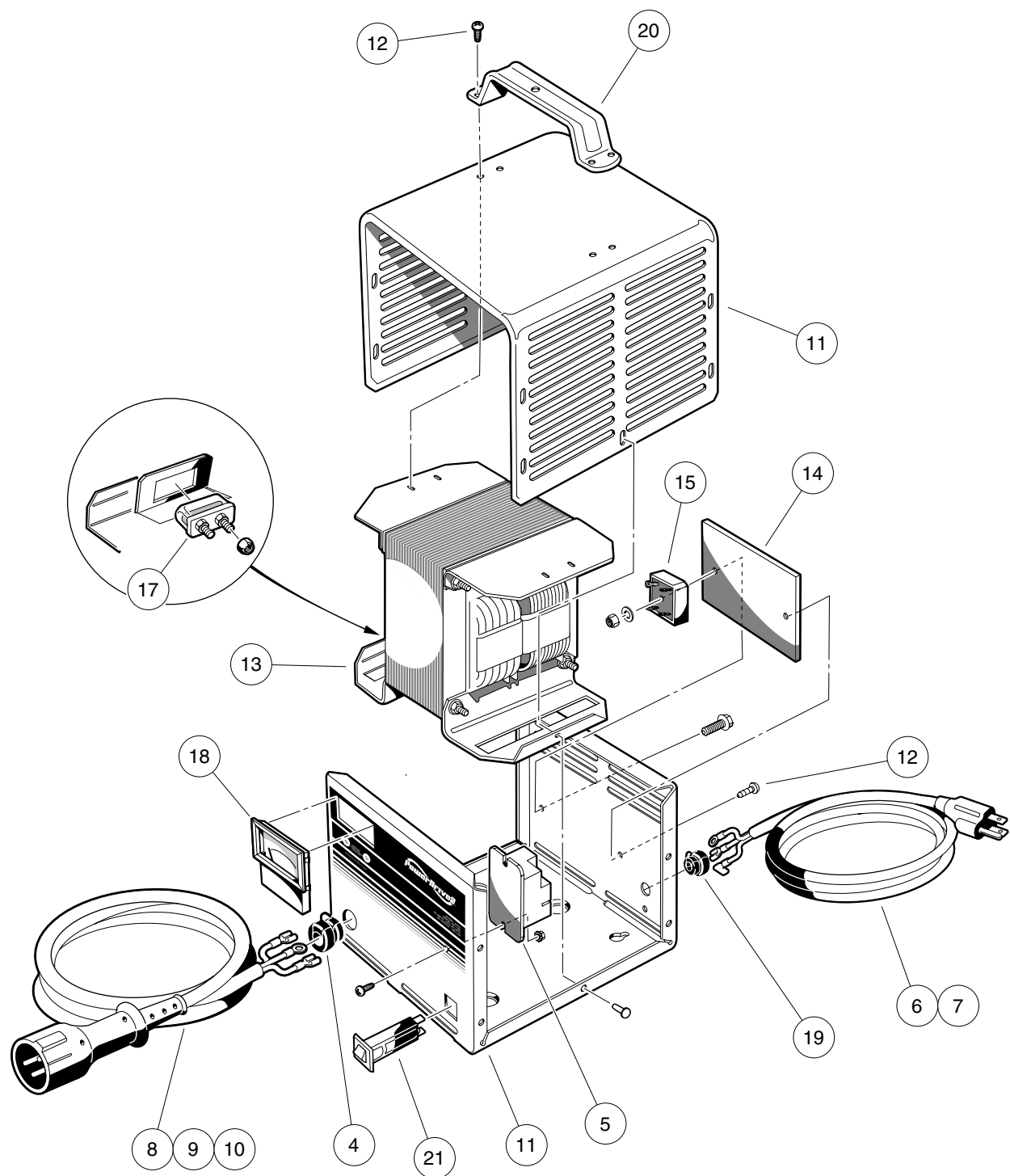
000291-003

POWERDRIVE 3 BATTERY CHARGER, DOMESTIC

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	103499101	Chgr, Pd3 Stnry, 9Dc/6'Ac'	1
2	<u>103499102</u>	Chgr, Pd3 Stnry, 12Dc/9'Ac'	1
3	<u>103499103</u>	Chgr, Pd3 Stnry, 20Dc/9'Ac'(includes items 4 through 25)	1
4	<u>1015914</u>	Rectifier with Heatsink Assembly	2
5	<u>102273701</u>	PD2 Fuse Asm	1
6	<u>102273801</u>	PD2 Ammeter	1
7	<u>103428501</u>	Kit, PD3 Cordset - AC 80" (includes item 8)	1
8	<u>102273901</u>	PD2 AC Cord Bushing	1
9	<u>103428601</u>	Kit, PD3 Cordset, - AC 114" (includes item 10)	1
10	<u>102273901</u>	PD2 AC Cord Bushing	1
11	<u>103428701</u>	Asm, PD3 Board Relay (includes item 12)	1
12	<u>103429701</u>	PD3 Plastic Stand-Offs	2
13	<u>103428801</u>	PD3 Transformer	1
14	<u>103429001</u>	PD3 Cordset - DC 113" (includes item 15)	1
15	<u>1012098</u>	Bushing, DC Cord	1
16	<u>103429101</u>	PD3 Cordset - DC 154" (includes item 17)	1
17	<u>1012098</u>	Bushing, DC Cord	1
18	<u>103429201</u>	PD3 Cordset - DC 205" (includes item 19)	1
19	<u>1012098</u>	Bushing, DC Cord	1
20	<u>103429301</u>	Asm, PD3 Case (includes items 21 and 22)	1
21	<u>103434001</u>	Asm, PD3 Legs	1
22	<u>103439901</u>	PD3Case Top (Includes Handle)	1
23	<u>103429501</u>	Kit, PD3 Hardware	1
24	<u>103429601</u>	Kit, PD3 Wires	1
25	<u>CCX8506</u>	Circuit Breaker, 15-Amp/120-Volt	1

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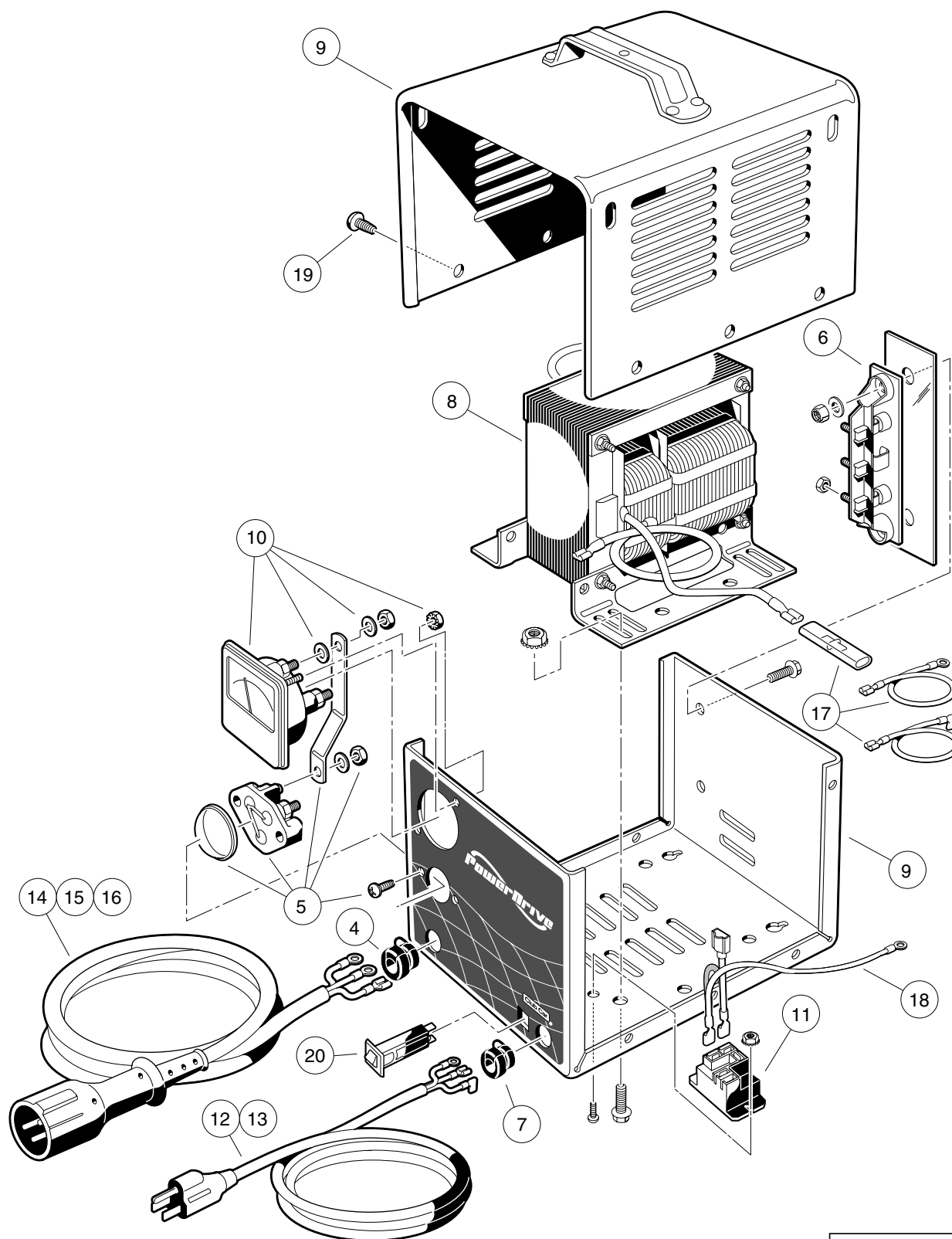
000291-001

POWERDRIVE 2 BATTERY CHARGER (MODEL 22110), DOMESTIC

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	N/A	48-V/13-A PowerDrive 2 (9-ft. DC, 6-ft. AC)	1
2	N/A	48-V/13-A PowerDrive 2 (12-ft. DC, 9-ft. AC)	1
3	N/A	48-V/13-A PowerDrive 2 (20-ft. DC, 9-ft. AC) (includes items 4 through 21)	1
4	<u>1012098</u>	Bushing, DC Cord	1
5	<u>101828601</u>	Relay, 48-Volt	1
6	<u>101828801</u>	Cord, AC, 80-Inch (203 cm)	1
7	<u>101828802</u>	Cord, AC, 108-Inch (274 cm)	1
8	<u>101828904</u>	PD2 DC Cordset, 113-inch	1
9	<u>101828905</u>	PD2 DC Cordset, 154-inch	1
10	<u>101828906</u>	Pd2 Dc Cordset 250 Inch	1
11	<u>102273201</u>	PD2 Case (includes item 12)	1
12	7577	Screw, #10 X 0.50 Phillips Pan-Head	12
13	<u>102273301</u>	PD2 Transformer Asm	1
14	<u>102273401</u>	PD2 Heatsink	1
15	<u>102273501</u>	PD2 Diode Bridge w/Film	1
16	<u>102273601</u>	PD2 Wire Asm	1
17	<u>102273701</u>	PD2 Fuse Asm	1
18	<u>102273801</u>	PD2 Ammeter	1
19	<u>102273901</u>	PD2 AC Cord Bushing	1
20	<u>102274001</u>	PD2 Handle	1
21	<u>CCX8506</u>	Circuit Breaker, 15-Amp/120-Volt	1
Note: Item 16 not shown. Level 1 Battery Charger part numbers include one AC and one DC cord. They do not include all of the level 2 cords listed.			

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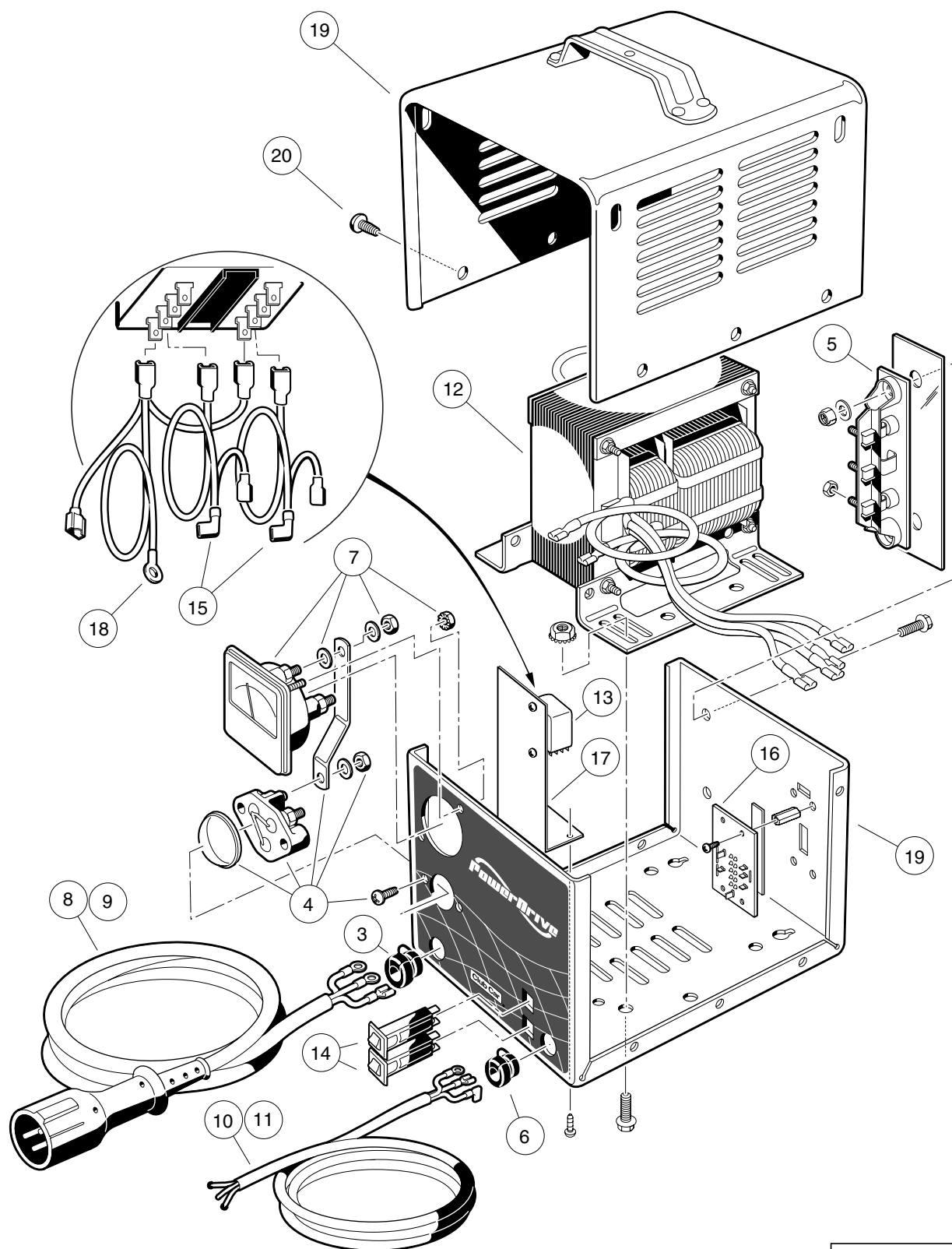
000351-001

POWERDRIVE BATTERY CHARGER (MODEL 17930), DOMESTIC

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>101802201</u>	48V/17A PowerDrive (9-ft DC, 6-ft AC Cord)	1
2	<u>101802202</u>	48V/17A PowerDrive (12-ft DC, 9-ft AC Cord)	1
3	<u>101802203</u>	48V/17A PowerDrive (20-ft DC, 9-ft AC Cord) (includes items 4 through 20)	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	****	Transformer, Battery Charger	1
9	<u>101828301</u>	Case Assembly	1
10	****	Ammeter	1
11	<u>101828601</u>	Relay, 48-Volt	1
12	<u>101828801</u>	Cord, AC, 80-Inch (203 cm)	1
13	<u>101828802</u>	Cord, AC, 108-Inch (274 cm)	1
14	<u>101828901</u>	Cord, DC, 113-Inch (287 cm)	1
15	<u>101828902</u>	Cord, DC, 154-Inch (391 cm)	1
16	<u>101828903</u>	Cord, DC, 250-Inch (635 cm)	1
17	<u>101831101</u>	Wire Assembly Kit	1
18	101914401	Assembly, Voltage Suppressor	1
19	7577	Screw, #10 X 0.50 Phillips Pan-Head	10
20	<u>CCX8506</u>	Circuit Breaker, 15-Amp/120-Volt	1
**** Special order item available upon request. Note: Level 1 Battery Charger part numbers include one AC and one DC cord. They do not include all of the level 2 cords listed.			

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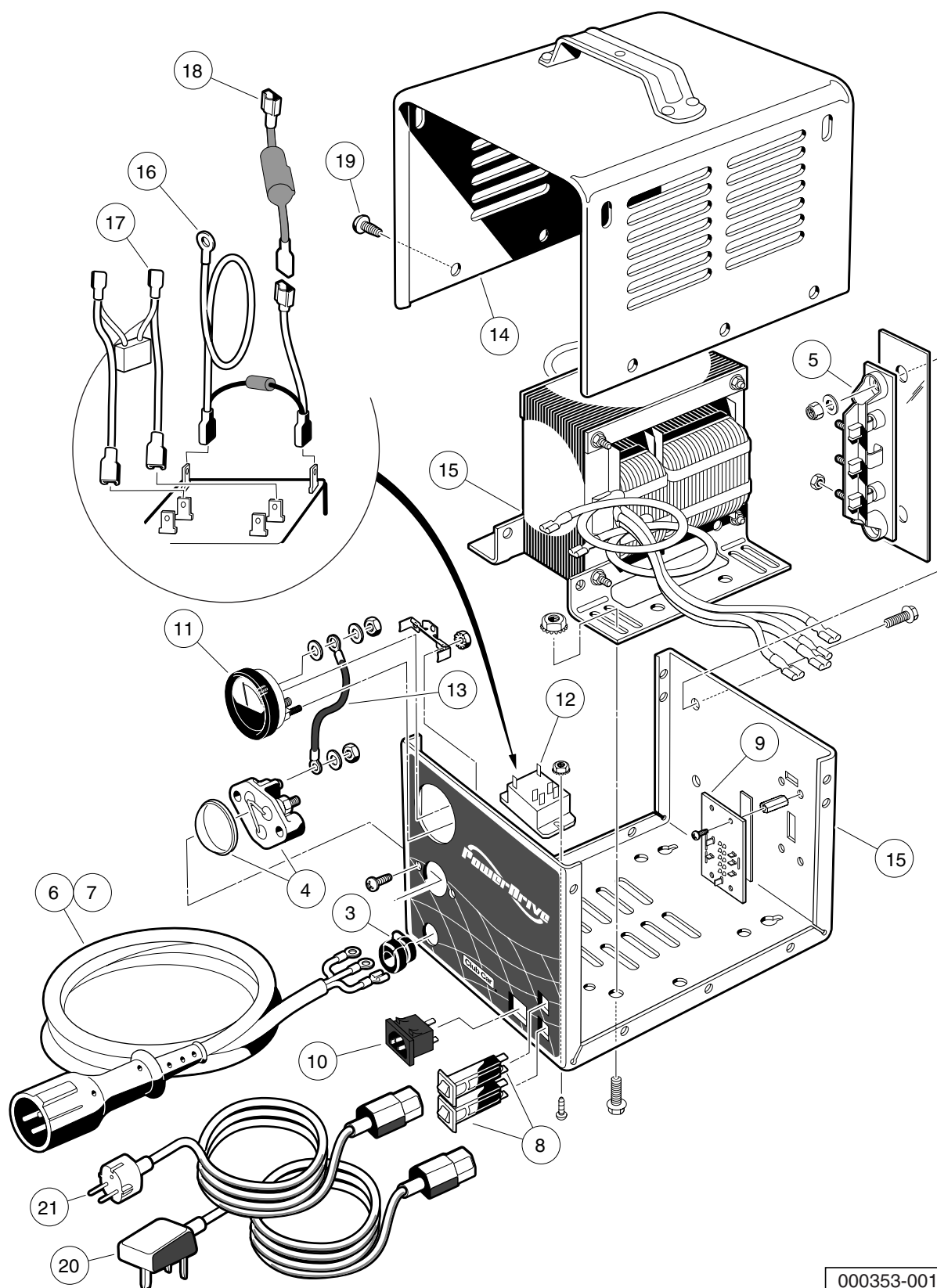
000352-001

POWERDRIVE BATTERY CHARGER (MODEL 18780), EXPORT

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

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000353-001

POWERDRIVE BATTERY CHARGER (MODEL 20310), EUROPEAN

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>101956201</u>	Battery Charger, 48-Volt w/ 4-Position Switch (8.5-ft DC)	1
2	<u>101956202</u>	Battery Charger, 48-Volt w/ 4-Pos. Switch (12-ft DC) (includes items 3 through 19)	1
3	<u>1012098</u>	Bushing, DC Cord	1
4	<u>1012101</u>	Fuse Assembly	1
5	<u>1015914</u>	Rectifier with Heatsink Assembly	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	101976601	Ammeter with Mounting Bracket	1
12	<u>101987501</u>	Relay	1
13	N/A	Wire, Jumper	1
14	N/A	Case, Charger	1
15	****	Transformer, European Battery Charger	1
16	****	Suppressor, AC Voltage	1
17	****	Assembly, Wire	1
18	****	Limiter, Current	1
19	7577	Screw, #10 X 0.50 Phillips Pan-Head	10
20	<u>101958201</u>	Cord, UK, AC, Battery Charger	1
21	101958301	Cord, European AC, Battery Charger	1
**** Special order item available upon request. Note: Level 1 Battery Charger part numbers include one AC and one DC cord. They do not include all of the level 2 cords listed.			

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MAINTENANCE AND SERVICE TOOLS

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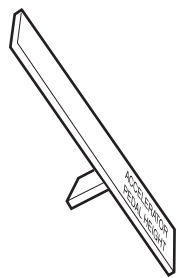
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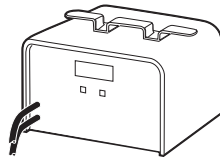
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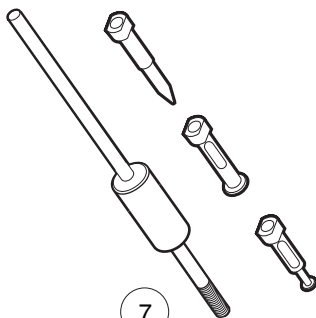
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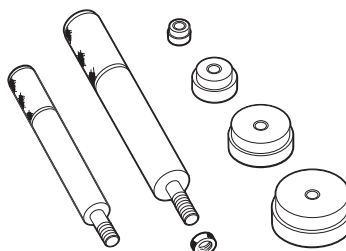
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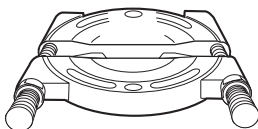
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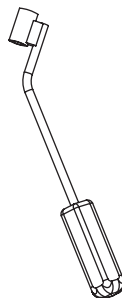
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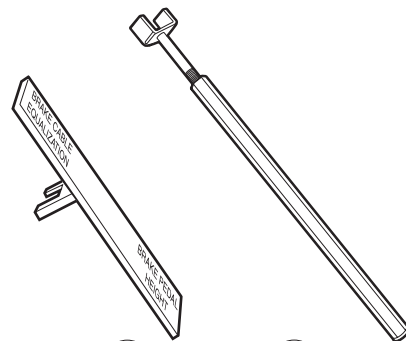
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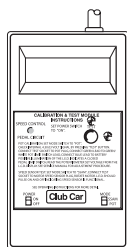
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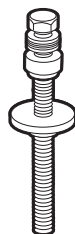
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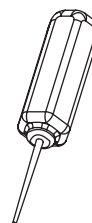
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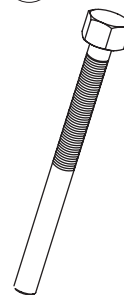
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MAINTENANCE AND SERVICE TOOLS

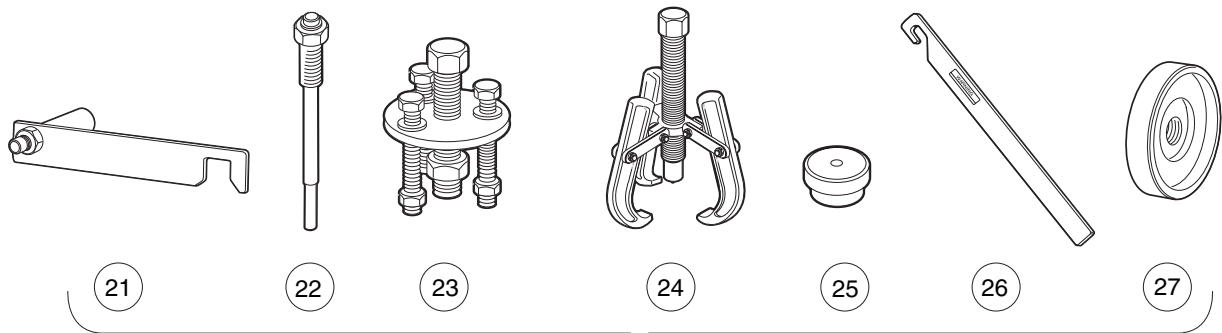
ITEM	PART NO.	DESCRIPTION	QTY DIESEL	QTY GAS	QTY ELEC	16 G E D
		1 2 3 4 The following tool list includes all tools available from Club Car for maintenance and service procedures for gasoline, electric, and/or diesel vehicles, both past and present models. Be sure to carefully examine the tool list for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

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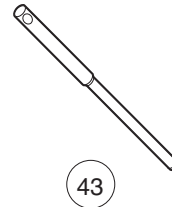
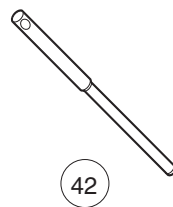
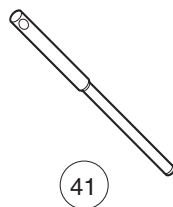
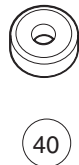
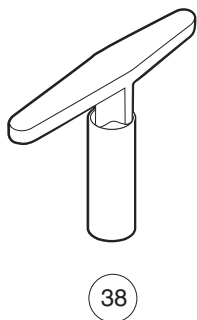
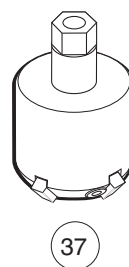
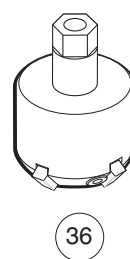
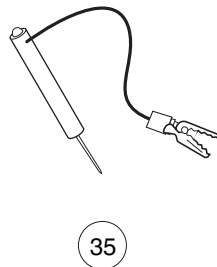
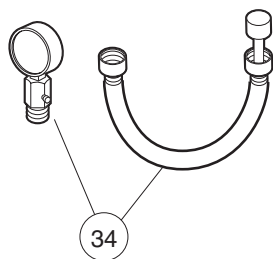
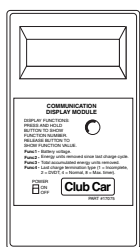
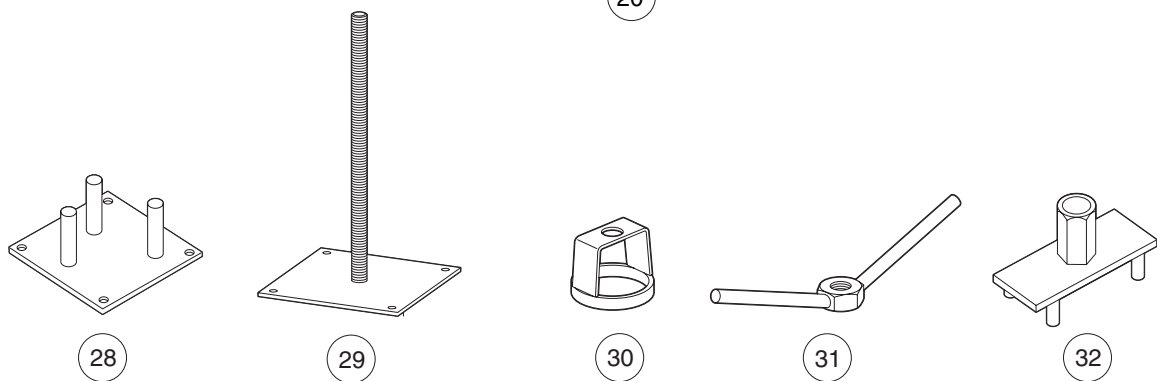
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MAINTENANCE AND SERVICE TOOLS, CONTINUED

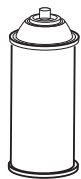
ITEM	PART NO.	DESCRIPTION	QTY DIESEL	QTY GAS	QTY ELEC	16 G E D
		1 2 3 4				
20	<u>1014510</u>	Clutch Tool Kit (includes items 21 - 27)		1		
21	<u>1014498</u>	Clutch Alignment Tool (for pre-unitized transaxle vehicles built prior to 1997 model year)		1		
22	<u>1014496</u>	Drive Clutch Puller (for Kawasaki engines only)		1		
23	<u>1014497</u>	Drive Clutch Hub Puller (for Kawasaki engines only)		1		
24	<u>1014508</u>	Driven Clutch Cam Puller (for Kawasaki engines only)		1		
25	<u>1014507</u>	Driven Clutch Puller Plug (for Kawasaki engines only)		1		
26	<u>1015524</u>	Drive Clutch Holder Tool Assembly (for Kawasaki engines only)		1		
27	<u>101809101</u>	Press Weldment (for Kawasaki engines only)		1		
28	<u>102601501</u>	Drive ClutchFixed Sheave Tool (for 4x4 vehicles).....	1	1		
29	<u>102603501</u>	Driven Clutch Spring Compression Base (for use with items 30 and 31) (for 4x4 vehicles)	1	1		
30	<u>102605201</u>	Driven Clutch Spring Compression Collar (for use with items 29 and 31) (for 4x4 vehicles)	1	1		
31	<u>102606101</u>	Driven Clutch Spring Compression Nut (for use with items 29 and 30) (for 4x4 vehicles)	1	1		
32	<u>102607501</u>	Drive Clutch Spider Removal Tool (for 4x4 vehicles).....	1	1		
33	101831801	Communication Display Module			1	
34	101641002	Compression Gauge and Adapter		1		
35	1011273	Continuity Tester		1	1	
36	<u>102773801</u>	Cutter, Valve Seat, #122		1		
37	<u>102773901</u>	Cutter, Valve Seat #115.....		1		
38	<u>102774101</u>	Wrench, T, #505		1		
39	<u>102774101</u>	Adapter, T-Wrench		1		
40	102675401	Cutter, Valve Seat, 60 Degree (requires item 51) (for Honda GX620 Gasoline Engines)		1		
41	<u>102774201</u>	Pilot, 6.6 MM		1		
42	<u>102774301</u>	Pilot, 6.62 MM		1		
43	<u>102774401</u>	Pilot, 6.65 MM		1		
		Please refer to the maintenance and service manual for proper tool application.				

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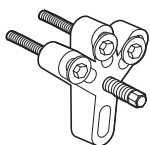
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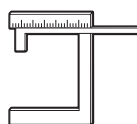
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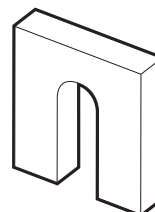
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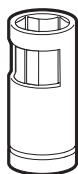
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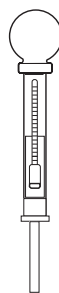
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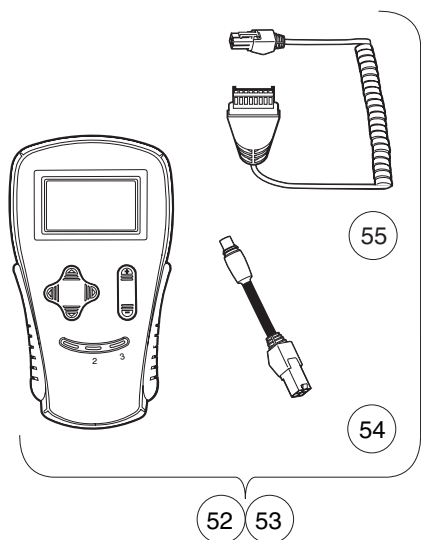
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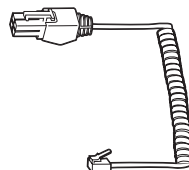


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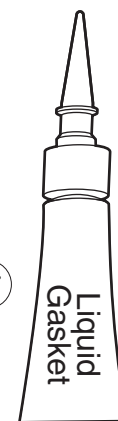


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MAINTENANCE AND SERVICE TOOLS, CONTINUED

ITEM	PART NO.	DESCRIPTION	QTY DIESEL	QTY GAS	QTY ELEC	16 G E D
		1 2 3 4				
44	<u>1012151</u>	Dry Moly Lubricant	1	1	1	
45	<u>1016627</u>	Flywheel Puller Kit (for Kawasaki Engines)		1		
46	<u>102669901</u>	Gauge, Carburetor Float Level (for Honda GX620 Gasoline Engines)		1		
47	<u>1016418</u>	Gear Yoke	1	1	1	
48	<u>101933101</u>	Governor Shaft Installation Tool (for Kawasaki Engine Vehicles) ...		1		
49	<u>102169401</u>	Hydraulic Brake Adjuster (for Turf/CA 272/472, Pioneer/XRT 1200, Bobcat 2100, HUV 4213)			1	
50	<u>1011478</u>	Hydrometer	1	1	1	
51	<u>1013593</u>	Internal Retaining Ring Pliers	1	1	1	
52	<u>102248803</u>	IQ Display Module (IQDM) Kit (IQ System and IQ Plus vehicles) ... (includes items 54 and 55)			1	
53	<u>102248804</u>	IQ Display Module (IQDM-P) Kit (IQ System and IQ Plus vehicles) (includes items 54 and 55)			1	
54	<u>102251501</u>	Adaptor, Cable			1	
55	<u>102241502</u>	IQDM Series 2 Cable			1	
56	<u>102241501</u>	IQDM Series 1 Cable (replacement)			1	
57	<u>101928701</u>	Liquid Gasket (transaxle case)	1	1	1	
58	<u>102243402</u>	Moly-Teflon Lubricant (4-oz. (113-gram) tube)			1	
59	<u>101997201</u>	Paint, Touch-Up – Beige*		1	1	
59	<u>101997207</u>	Paint, Touch-Up – Black*		1	1	
59	<u>101997212</u>	Paint, Touch-Up – Burgundy*		1	1	
59	<u>101997211</u>	Paint, Touch-Up – Classic Blue (Navy)*		1	1	
59	<u>101997205</u>	Paint, Touch-Up – Dark Gray*	1	1	1	
59	<u>101997209</u>	Paint, Touch-Up – Dark Green*	1	1	1	
59	<u>101997204</u>	Paint, Touch-Up – Gray*	1	1	1	
59	<u>101997203</u>	Paint, Touch-Up – Red*	1	1	1	
59	<u>101997206</u>	Paint, Touch-Up – Royal Blue (Pacific Blue)*		1	1	
59	<u>101997202</u>	Paint, Touch-Up – White*	1	1	1	
60	<u>102562301</u>	Paint, Precedent Underbody – Gray		1	1	
61	<u>102587201</u>	Paint Pen, Touch-Up, Precedent Underbody – Black		1	1	
Please refer to the maintenance and service manual for proper tool application. * Item 59 is not for use on Surlyn® body material, which is used on Precedent vehicles.						

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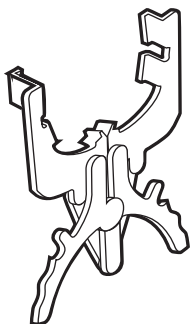
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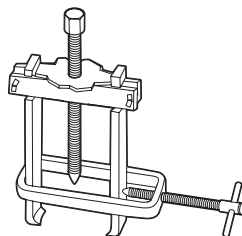
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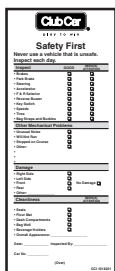
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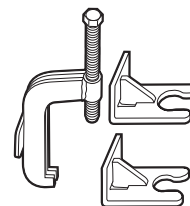
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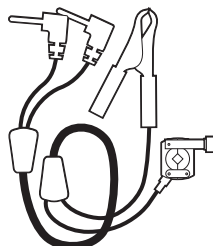
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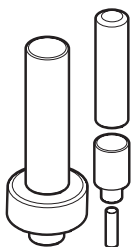
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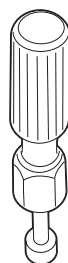
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MAINTENANCE AND SERVICE TOOLS, CONTINUED

ITEM	PART NO.	DESCRIPTION	QTY DIESEL	QTY GAS	QTY ELEC	16 G E D
		1 2 3 4				
62	<u>1016414</u>	Piston Ring Compressor Kit (FE290, FE350 and FE400 engines) .		1		
63	<u>1016415</u>	Piston Ring Pliers (for Kawasaki Engines)		1		
64	<u>102668801</u>	Puller, Special Use (for Kubota D722 Diesel Engines)	1			
65	<u>1012549</u>	Retaining Ring Pliers, 45° External	1	1	1	
66	<u>1012560</u>	Retaining Ring Pliers, 90° Internal	1	1	1	
67	<u>101823101</u>	Safety First Card (50 per pack)	1	1	1	
68	<u>1012809</u>	Seal Puller	1	1	1	
69	<u>102330901</u>	Spanner Wrench (for coil over shock front suspension vehicles only)	1	1		
70	<u>1014264</u>	Steering Column Bearing Press Tool		1	1	
71	<u>1014259</u>	Steering Column Retaining Ring Tool		1	1	
72	<u>102061201</u>	Steering Wheel Puller Tool	1	1	1	
73	<u>AM10753</u>	Tachometer (includes gasoline engine pick up lead only)	1	1		
74	<u>AM10771</u>	Tachometer Diesel Probe (for use with item 73)	1			
75	<u>1014162</u>	Transaxle Axle Seal Tool		1		
76	<u>1014161</u>	Transaxle Pinion Seal Tool		1		
77	<u>1014115</u>	Transmission Tool Kit		1		
78	<u>101611003</u>	Tune-Up Kit, All OHV (for FE290, FE350, FE400 only) (includes air filter, spark plug, oil filter, fuel filters) (not shown)		1		
79	<u>AM11804</u>	Tune-Up Kit, Gx620 (for Honda Engines) (includes air filter, spark plug, oil filter, fuel filters) (not shown)		1		
80	<u>AM11805</u>	Tune-Up Kit, D722 (for Kubota Engines) (includes air filter, oil filter, fuel filters, water separator filter) (not shown)	1			
81	<u>AM1220301</u>	Tune-Up Kit, Precedent (for FE290/350 Engines) (includes air filter, spark plug, oil filter, fuel filters) (not shown)		1		
82	<u>AM1232401</u>	Tune-Up Kit, FH680D (for Kawasaki V-Twin Engines) (includes oil filter, fuel filter, air filter, and spark plugs) (not shown)		1		
83	<u>1016413</u>	Valve Clearance Adjuster Screw Holder (for FE290 engines only) .		1		
84	<u>102674601</u>	Valve Guide Driver (for Honda GX620 Gasoline Engines)		1		
85	<u>101641201</u>	Valve Guide Reamer (FE290, FE350, and FE400 only)		1		
86	<u>102674401</u>	Valve Guide Reamer, 6.6 mm (for Honda GX620 Gasoline Engines)		1		

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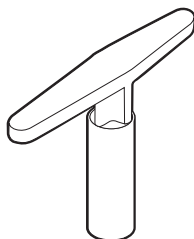
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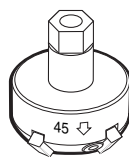
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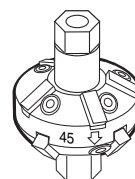
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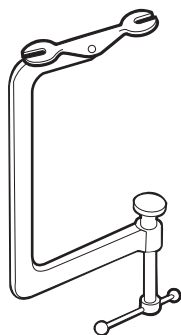
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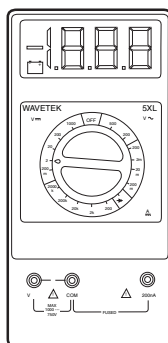
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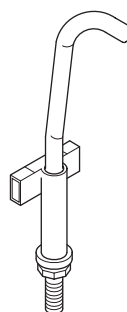
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MAINTENANCE AND SERVICE TOOLS, CONTINUED

ITEM	PART NO.	DESCRIPTION	QTY DIESEL	QTY GAS	QTY ELEC	16 G E D
		1 2 3 4				
87	<u>1016552</u>	Valve Seat Cutter Guide		1		
88	<u>1016551</u>	Valve Seat Cutter T-Wrench		1		
89	<u>1016553</u>	Valve Seat Cutter, 45° (32 mm diameter) (for FE290 engines only)		1		
90	<u>1016554</u>	Valve Seat Cutter, 45°/30° (35 mm diameter)		1		
91	<u>101641101</u>	Valve Spring Compressor		1		
92	1011480	Volt Ohm Meter	1	1	1	
93	<u>102570401</u>	Tool, Tensioning, Starter Generator (For Precedent vehicles)		1		

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