



# **2008 Precedent Illustrated Parts List**



**Gasoline and Electric Vehicles**

Manual Number 103373001  
Edition Code 0907K1110J



# USING THE ILLUSTRATED PARTS LIST

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## WARNING

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

This manual covers all 2008 Club Car® Precedent® Professional, Champion, i2, i2L, Villager 4 and 4 Pass vehicles.

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

Use the Table of Contents to find the sections and pages that contain the parts and assemblies you seek. The Table of Contents lists section numbers, and under them, the individual page titles and numbers to be found in that section. The index can be used to find specific parts and assemblies. The index is divided into numerical and alphabetical listings with the page numbers in italic text.

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

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

## HOW TO ORDER PARTS

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



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

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

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



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## SECTION i – INDEX

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# BODY AND TRIM

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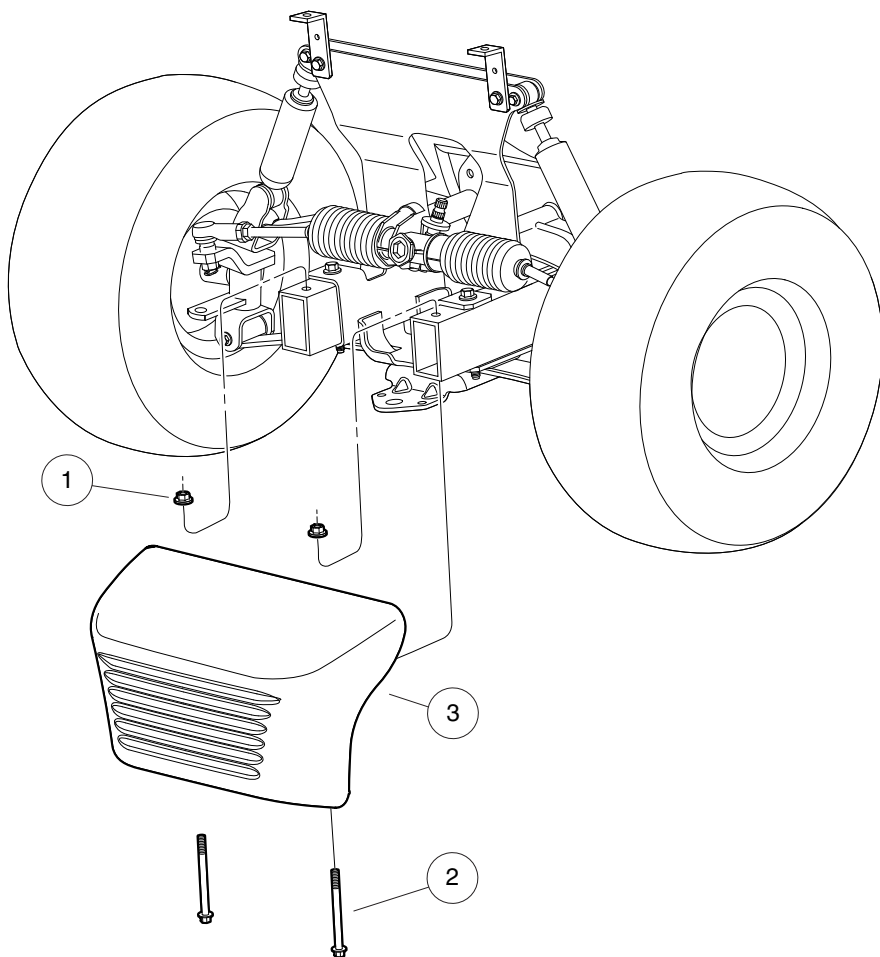
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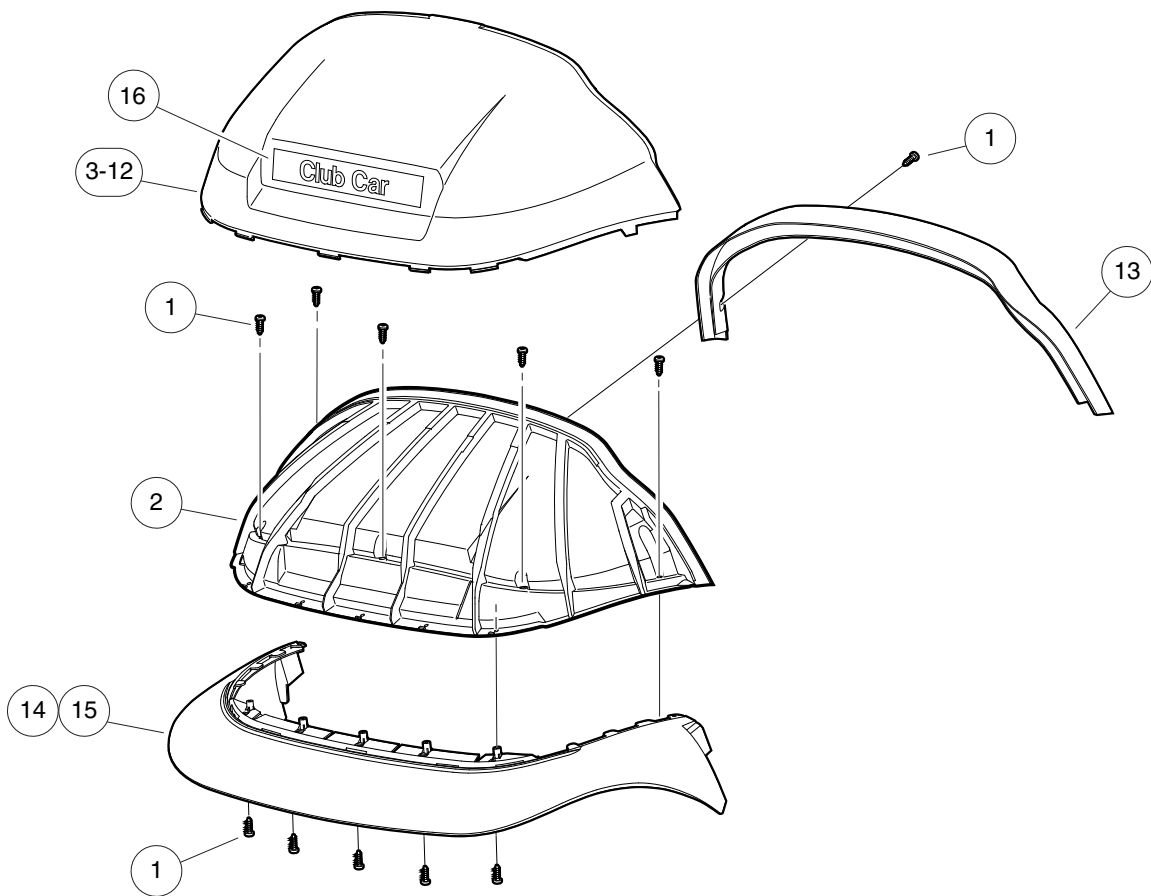
## FRONT BUMPER

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

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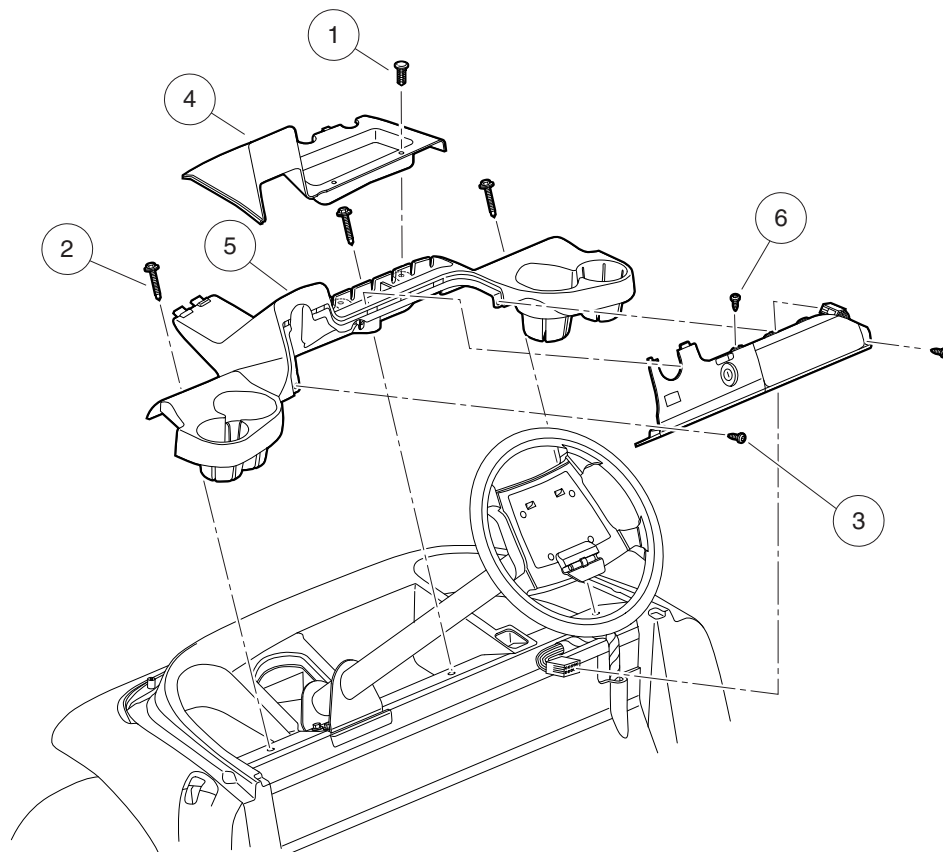
# FRONT BODY

| ITEM | PART NO.  | DESCRIPTION                          | QTY | 1 |
|------|-----------|--------------------------------------|-----|---|
|      |           | 1 2 3 4                              |     | G |
| 1    | 102296020 | Screw, Torx Pan Hd Pt, M6 X 20 ..... | 14  | E |
| 2    | 102501501 | Brow .....                           | 1   |   |
| 3    | 102502401 | Panel, Beauty Front, White .....     | 1   |   |
| 4    | 102502402 | Panel, Beauty Front, Beige .....     | 1   |   |
| 5    | 102502404 | Panel, Beauty Front, Gray .....      | 1   |   |
| 6    | 102502405 | Panel, Beauty Front, Red .....       | 1   |   |
| 7    | 102502406 | Panel, Beauty Front, Burgundy .....  | 1   |   |
| 8    | 102502407 | Panel, Beauty Front, Green .....     | 1   |   |
| 9    | 102502408 | Panel, Beauty Front, Blue .....      | 1   |   |
| 10   | 102502409 | Panel, Beauty Front, Black .....     | 1   |   |
| 11   | 102502411 | Panel, Beauty, Front, Cayenne .....  | 1   |   |
| 12   | 102502413 | Panel-beauty Front, Atlantic .....   | A/R |   |
| 13   | 102502501 | Brow Cap .....                       | 1   |   |
| 14   | 102534403 | Fascia, Grey .....                   | 1   |   |
| 15   | 102534404 | Fascia, Blk .....                    | 1   |   |
| 16   | 103816601 | Nameplate -cc .....                  | 1   |   |

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DASH – STYLE A

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

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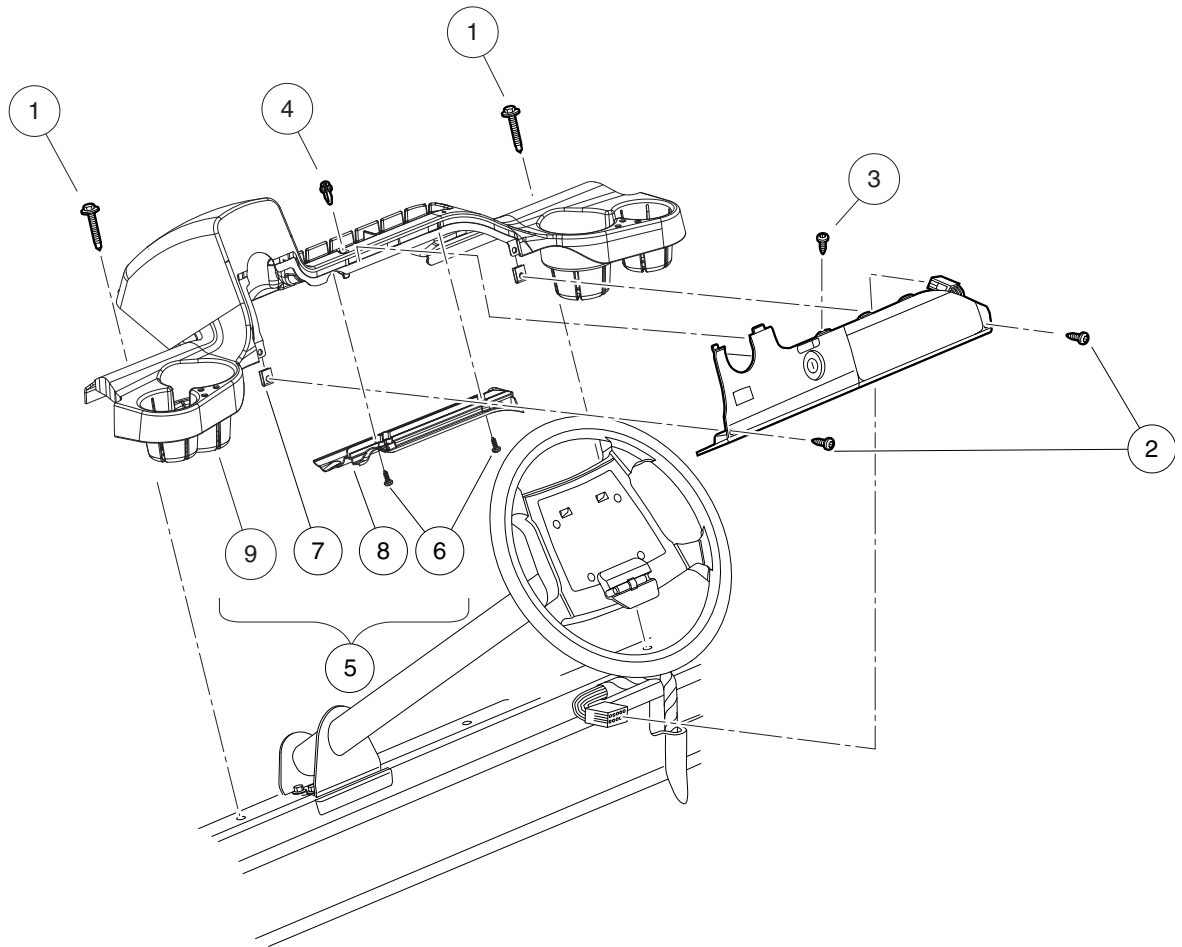
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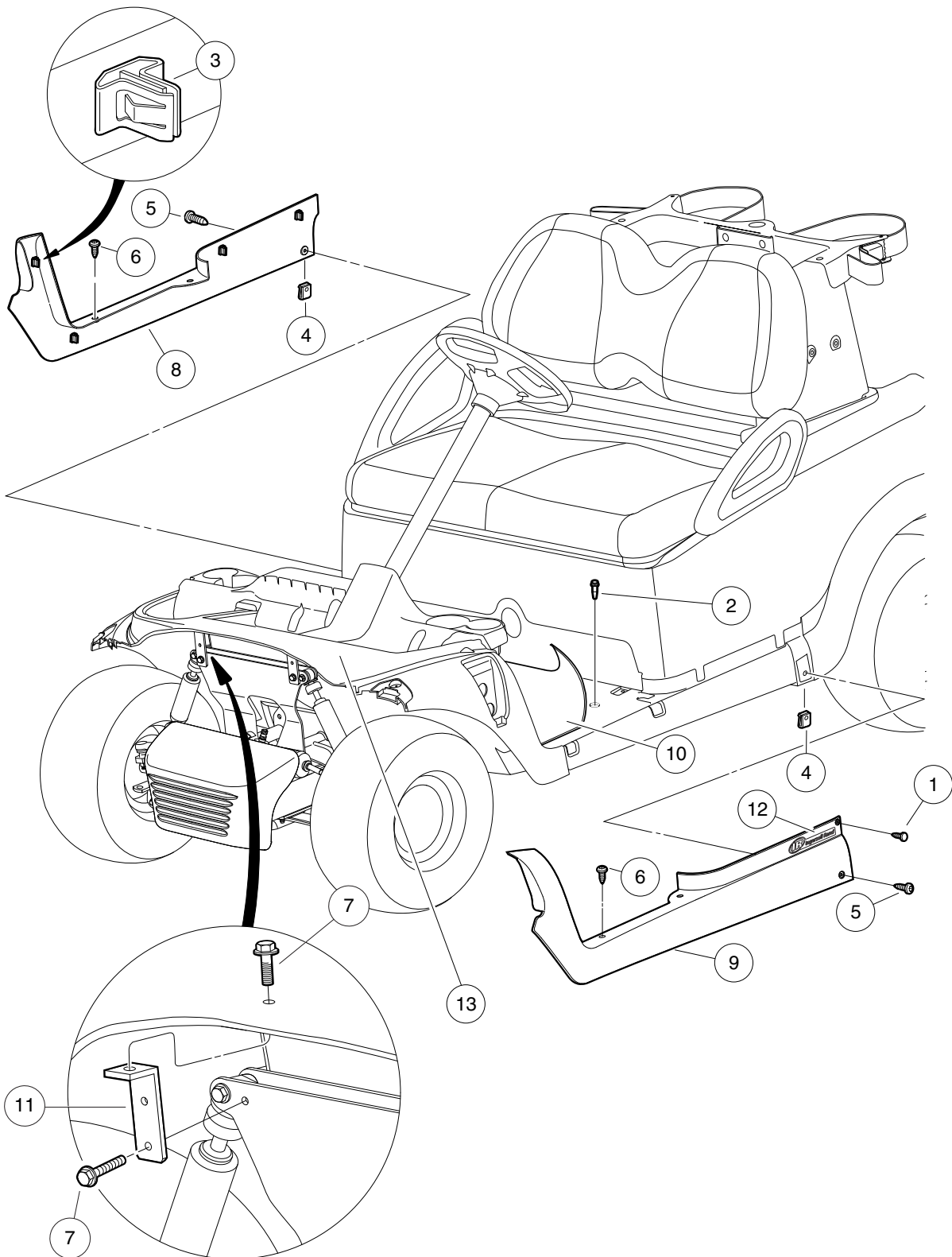
DASH – STYLE B

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

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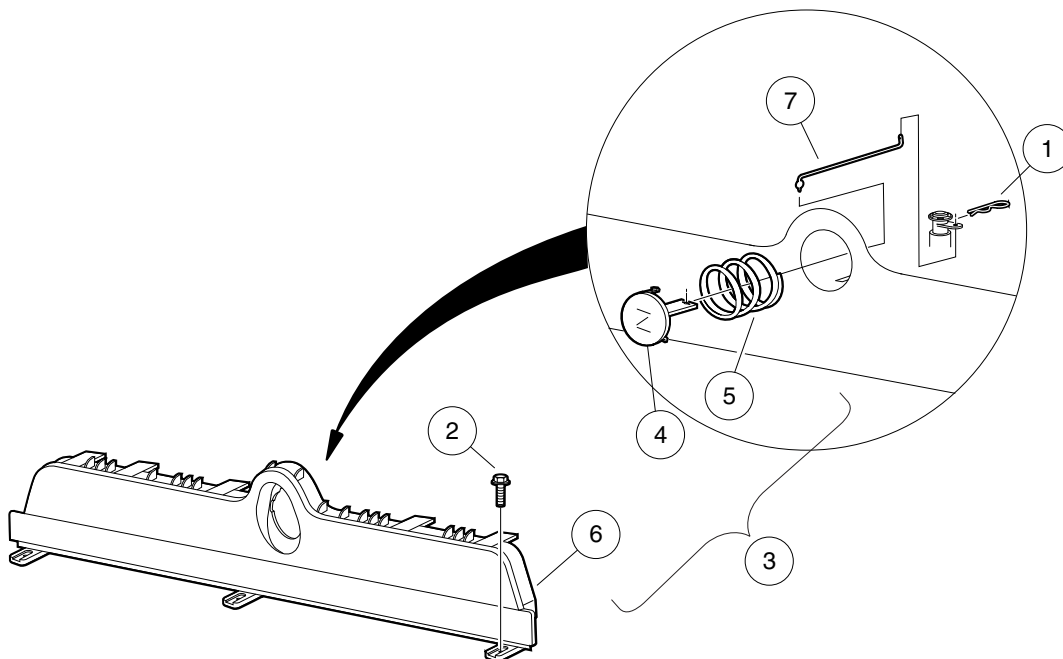
# FLOOR MAT, RETAINER, AND FRONT UNDERBODY – STYLE B

| ITEM | PART NO.  | DESCRIPTION                                                    | QTY | 1<br>G<br>E |
|------|-----------|----------------------------------------------------------------|-----|-------------|
|      |           | 1 2 3 4                                                        |     |             |
| 1    | 1010434   | Barrel - Plastic .....                                         | 2   |             |
| 2    | 102292356 | Screw-1/4-20x56 Hwh Self Drill .....                           | 3   |             |
| 3    | 102292701 | Clip-body-trim .....                                           | 8   |             |
| 4    | 102296601 | U-nut, M6-1.0 Prev Torque .....                                | 2   |             |
| 5    | 102296920 | Screw, M6 Torx Bttn Hd Sems .....                              | 2   |             |
| 6    | 102298020 | Screw, K80x20, Torx Pn Hd Pt .....                             | 4   |             |
| 7    | 102298716 | M8-1.25x16 Taptite .....                                       | 4   |             |
| 8    | 102302504 | Retainer Asm-floormat Rh, Blk .....                            | 1   |             |
| 9    | 102302604 | Retainer Asm-floormat Lh, Blk .....                            | 1   |             |
| 10   | 102504802 | Floormat, Precedent .....                                      | 1   |             |
| 11   | 102521901 | Bracket-clamshell .....                                        | 2   |             |
| 12   | 102523901 | 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. |     |             |

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KICK PLATE – GASOLINE VEHICLE

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

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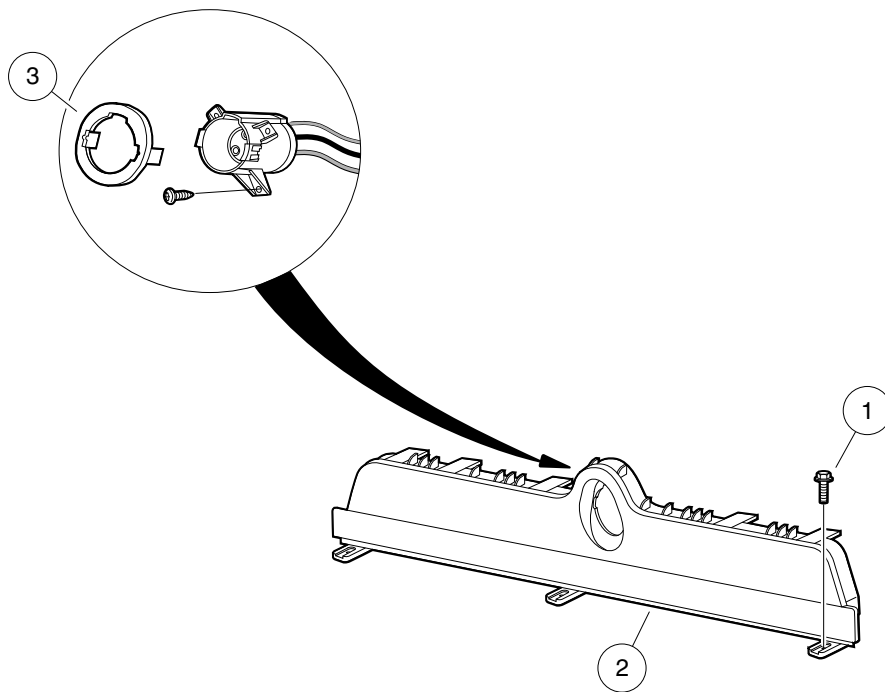
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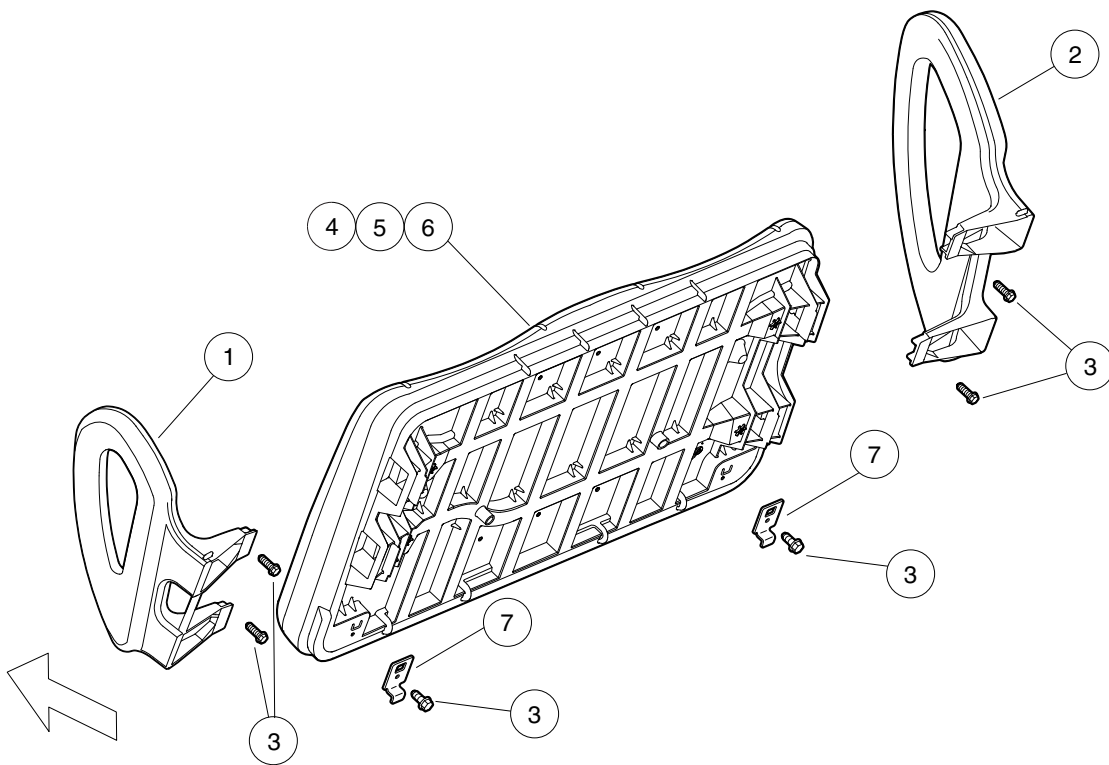
## KICK PLATE – ELECTRIC VEHICLE

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

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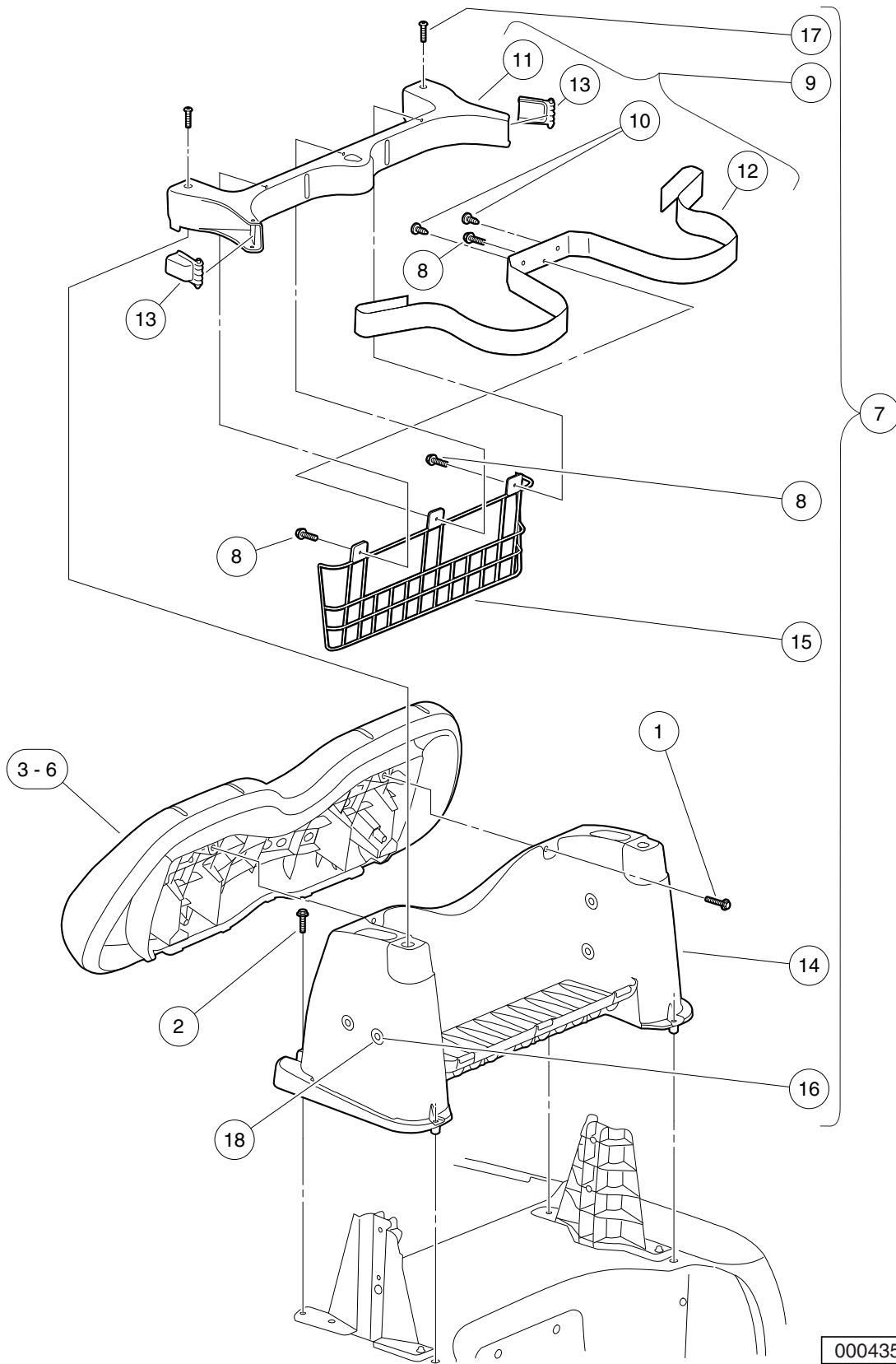
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# SEAT WITH HIP RESTRAINTS

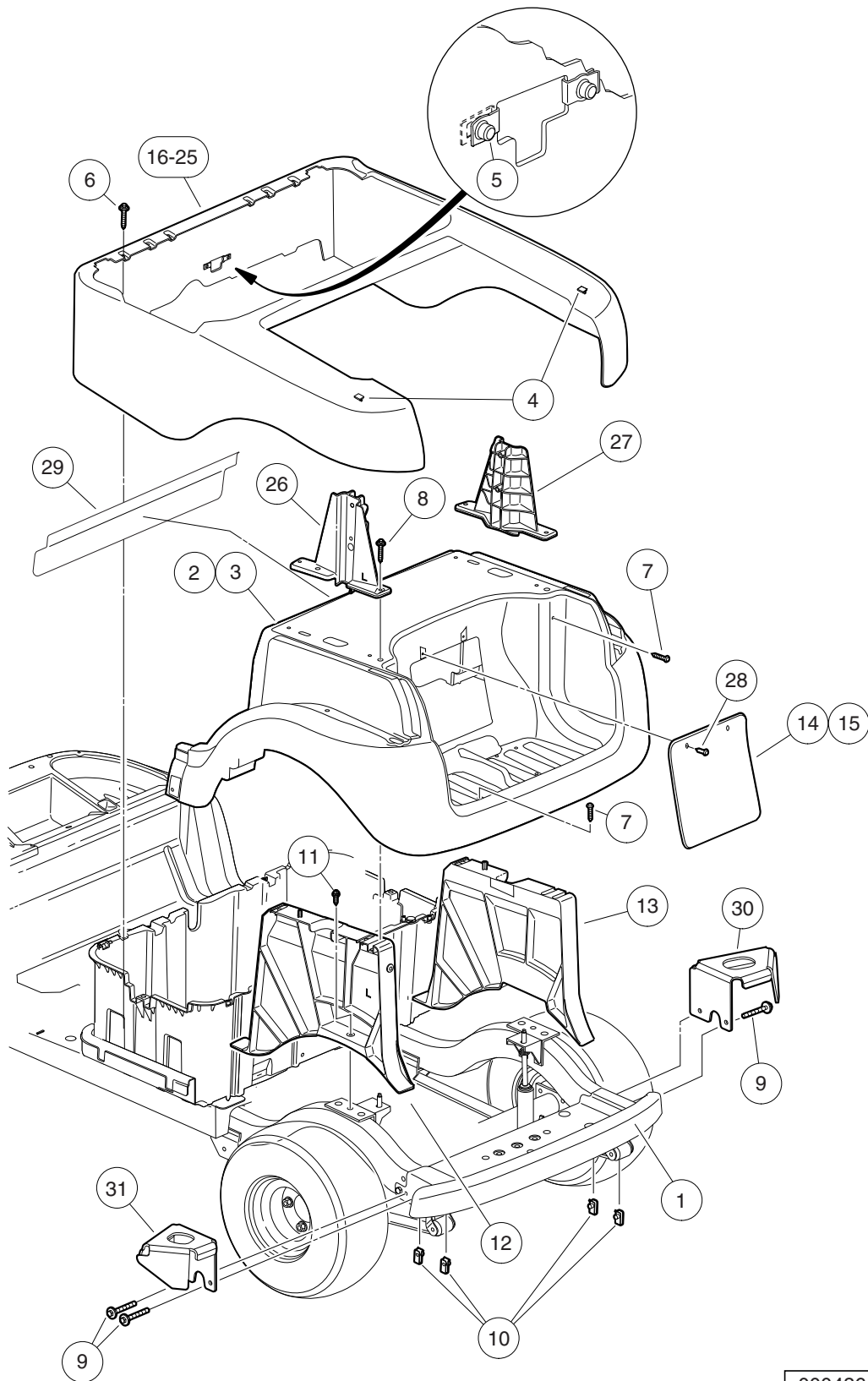
| ITEM | PART NO.  | DESCRIPTION                       | QTY | 1 |
|------|-----------|-----------------------------------|-----|---|
|      |           | 1 2 3 4                           |     | G |
| 1    | 102562701 | Hip Restraint, Prec, Lh .....     | 1   | E |
| 2    | 102562801 | Hip Restraint, Prec, Rh .....     | 1   |   |
| 3    | 102562901 | Screw, Seat Bottom Prec .....     | 6   |   |
| 4    | 103423001 | Seat Bottom Asy, Prec-beige ..... | 1   |   |
| 5    | 103423002 | Seat Bottom Asy, Prec-white ..... | 1   |   |
| 6    | 103423004 | Seat Bottom Asy, Prec-gray .....  | 1   |   |
| 7    | 103447901 | Bracket, Hinge, Male, Prec .....  | 2   |   |

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# BACKREST AND STRUCTURAL ACCESSORY MODULE (SAM)

| ITEM | PART NO.  | DESCRIPTION                                       | QTY | 1<br>G<br>E |
|------|-----------|---------------------------------------------------|-----|-------------|
|      |           | 1 2 3 4                                           |     |             |
| 1    | 102296530 | Screw - M6 X 1.0 X 30 Sems .....                  | 2   |             |
| 2    | 102298240 | Bolt, Flange Head, M8-1.25 X 40 .....             | 4   |             |
| 3    | 102503221 | Service Backrest Asm, Beige .....                 | 1   |             |
| 4    | 102503222 | Service Backrest Asm, White .....                 | 1   |             |
| 5    | 102503224 | Service Backrest Asm, Gray .....                  | 1   |             |
| 6    | 102503225 | Service Backrest Asm-black .....                  | 1   |             |
| 7    | 102503901 | Asm-sam (includes items 8 through 17) .....       | 1   |             |
| 8    | 102297125 | Screw M6-1.0x25.4 Thd Fm Sems .....               | 3   |             |
| 9    | 102504001 | Asm-bag Hoop (includes items 10 through 13) ..... | 1   |             |
| 10   | 1010434   | Barrel - Plastic .....                            | 2   |             |
| 11   | 102504201 | Hoop-bag .....                                    | 1   |             |
| 12   | 102504301 | Strap, Bag .....                                  | 1   |             |
| 13   | 102517001 | Buckle-bag Strap .....                            | 2   |             |
| 14   | N/A       | Structural Accessory Module .....                 | 1   |             |
| 15   | 102504501 | Panel, SAM .....                                  | 1   |             |
| 16   | 102551701 | Insert M6x1.0 .....                               | 4   |             |
| 17   | 103327601 | Screw, 5/16, Torx, Bosscrew .....                 | 2   |             |
| 18   | 102568701 | Barrel - Plastic 6mm .....                        | 8   |             |

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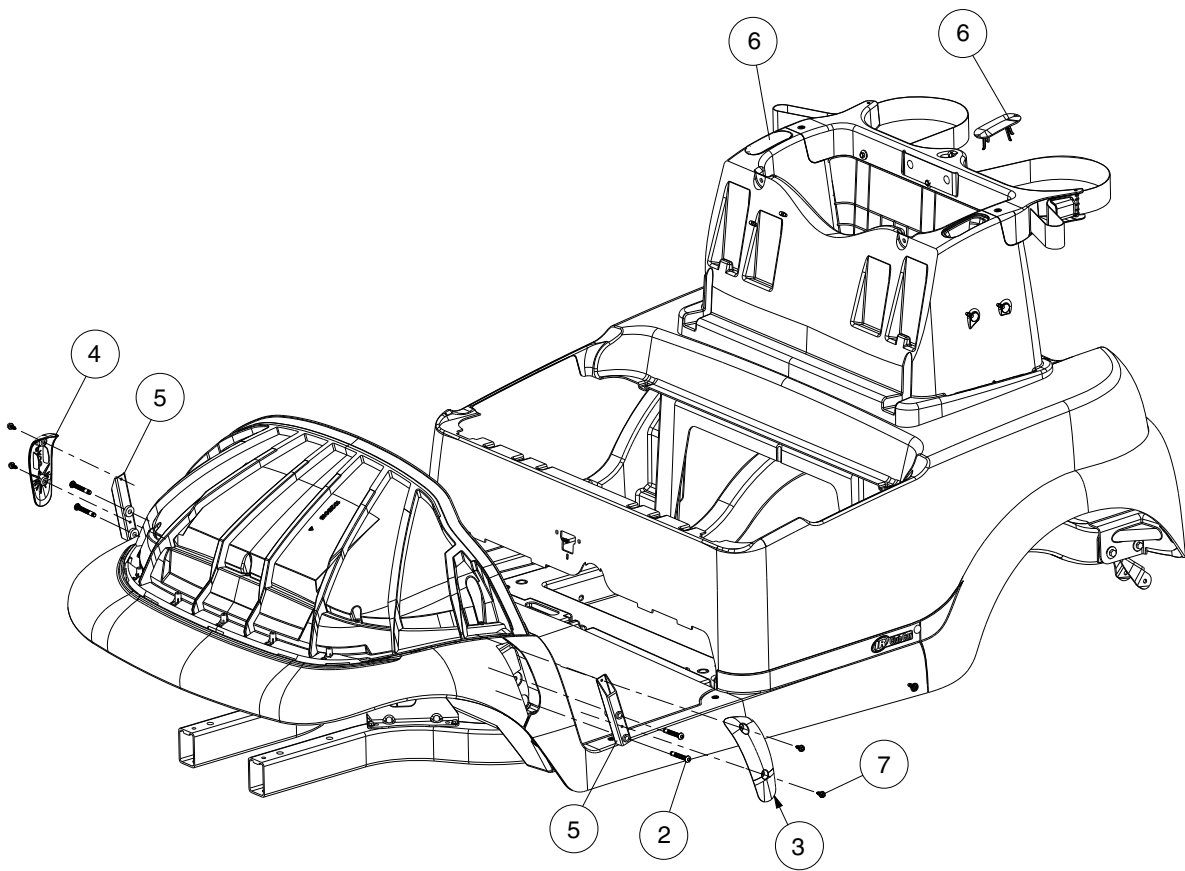
# REAR BODY

| ITEM | PART NO.  | DESCRIPTION                              | QTY | 1 | G | E |
|------|-----------|------------------------------------------|-----|---|---|---|
|      |           | 1 2 3 4                                  |     |   |   |   |
| 1    | 102279001 | Rear Bumper Beam .....                   | 1   |   |   |   |
| 2    | 102279103 | Underbody - Rear, Grey .....             | 1   |   |   |   |
| 3    | 102279104 | Underbody - Rear, Blk .....              | 1   |   |   |   |
| 4    | 102292701 | Clip-body-trim .....                     | 2   |   |   |   |
| 5    | 102296601 | U-nut, M6-1.0 Prev Torque .....          | 2   |   |   |   |
| 6    | 102297230 | Screw,m6,torx,interlock,thread .....     | 4   |   |   |   |
| 7    | 102298030 | Screw, K80x30, Torx Pn Hd Pt .....       | 4   |   |   |   |
| 8    | 102298240 | Bolt, Flange Head, M8-1.25 X 40 .....    | 2   |   |   |   |
| 9    | 102298580 | M8-1.25 X 80 Sems .....                  | 4   |   |   |   |
| 10   | 102298601 | J-clip - M8 X 1.25 .....                 | 4   |   |   |   |
| 11   | 102298716 | M8-1.25x16 Taptite .....                 | 2   |   |   |   |
| 12   | 102500501 | Asm, Rear U/b Support, Lh .....          | 1   |   |   |   |
| 13   | 102500601 | Asm, Rear U/b Support, Rh .....          | 1   |   |   |   |
| 14   | 102501401 | Panel, Access, Gray .....                | 1   |   |   |   |
| 15   | 102501402 | Panel, Access, Black .....               | 1   |   |   |   |
| 16   | 102502301 | Panel, Beauty, Rear, White .....         | 1   |   |   |   |
| 17   | 102502302 | Panel, Beauty, Rear, Beige .....         | 1   |   |   |   |
| 18   | 102502304 | Panel, Beauty, Rear, Gray .....          | 1   |   |   |   |
| 19   | 102502305 | Panel, Beauty, Rear, Red .....           | 1   |   |   |   |
| 20   | 102502306 | Panel, Beauty, Rear, Burgundy .....      | 1   |   |   |   |
| 21   | 102502307 | Panel, Beauty, Rear, Green .....         | 1   |   |   |   |
| 22   | 102502308 | Panel, Beauty, Rear, Blue .....          | 1   |   |   |   |
| 23   | 102502309 | Panel, Beauty, Rear, Black .....         | 1   |   |   |   |
| 24   | 102502311 | Panel-beauty Rear, Cayenne .....         | 1   |   |   |   |
| 25   | 102502313 | Panel-beauty Rear, Atlantic .....        | 1   |   |   |   |
| 26   | 102502901 | Bracket, Canopy Support Left-Hand .....  | 1   |   |   |   |
| 27   | 102503001 | Bracket, Canopy Support Right-Hand ..... | 1   |   |   |   |
| 28   | 102967901 | Rivet, Removable, Tuflok 1/4" .....      | 2   |   |   |   |
| 29   | N/A       | Diverter, Precedent Water .....          | 1   |   |   |   |
| 30   | 103677401 | Bracket, Bmpr, Pas .....                 | 1   |   |   |   |
| 31   | 103677402 | Bracket, Bmpr, Drv .....                 | 1   |   |   |   |

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UNDERBODY COVERS (VEHICLE WITHOUT CANOPY)

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

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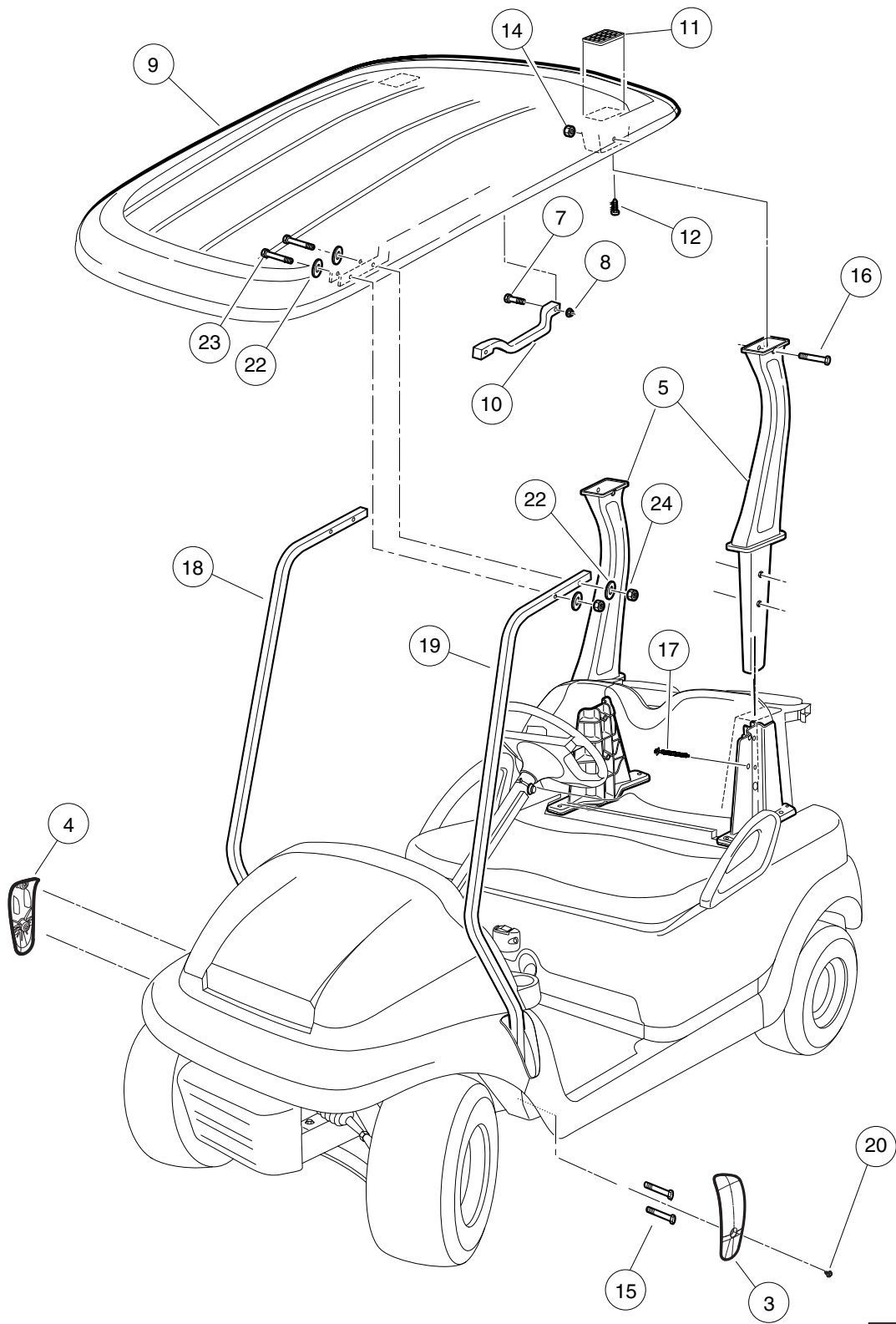
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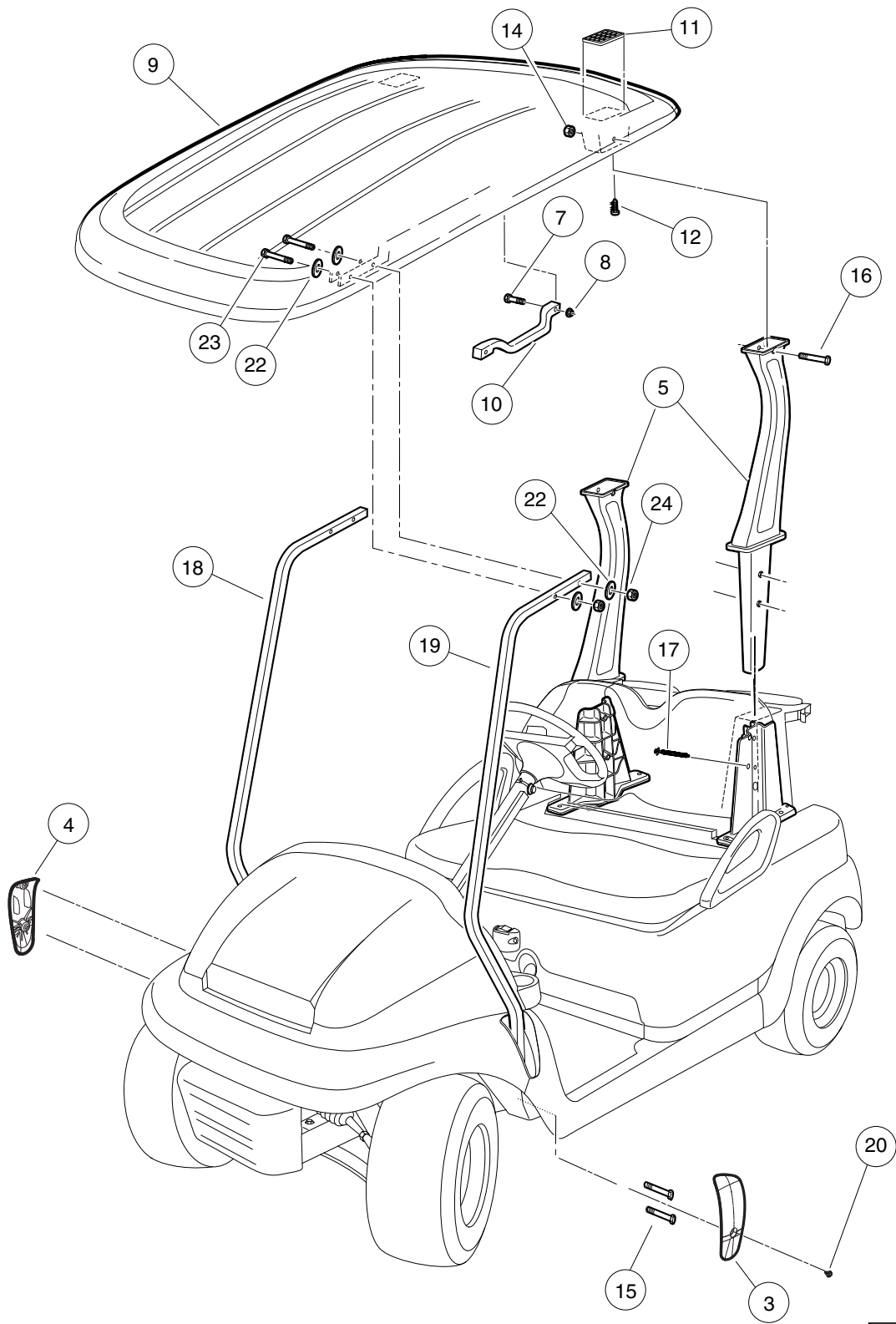
# CANOPY – BEIGE

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

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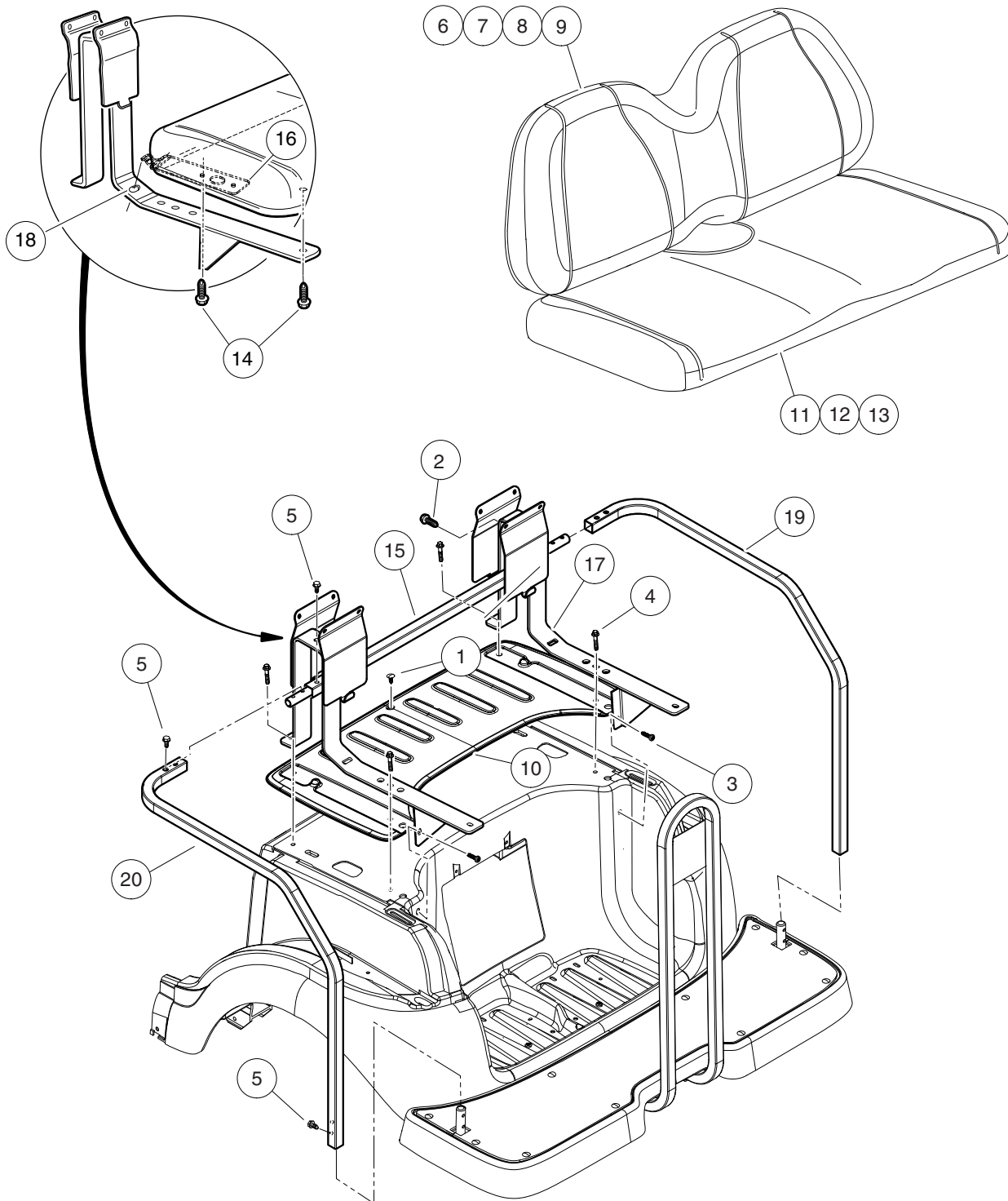
# CANOPY – WHITE

| ITEM                     | PART NO.  | DESCRIPTION                                                      | QTY | 1<br>G<br>E |
|--------------------------|-----------|------------------------------------------------------------------|-----|-------------|
|                          |           | 1 2 3 4                                                          |     |             |
| 1                        | 102520701 | Kit-canopy, Prec-white (includes items 2 through 13) .....       | 1   |             |
| 2                        | N/A       | White Canopy Component Kit (includes items 3 through 6) .....    | 1   |             |
| 3                        | 102400002 | Cover, Lh Canopy Support, Blk .....                              | 1   |             |
| 4                        | 102400102 | Cover, Rh Canopy Support, Blk .....                              | 1   |             |
| 5                        | 102513501 | Asm-rear Canopy Support .....                                    | 2   |             |
| 6                        | N/A       | Asm-canopy, White (includes items 7 through 12) .....            | 1   |             |
| 7                        | 102296140 | Bolt, Flanged Head, M6x1.0x40 .....                              | 4   |             |
| 8                        | 102296401 | Nut-m6x1.0 Flng All Mtl Lock .....                               | 4   |             |
| 9                        | 102508901 | Canopy-white .....                                               | 1   |             |
| 10                       | 102511601 | Handle, Canopy (White) .....                                     | 2   |             |
| 11                       | 103205101 | Cover, Drain, Canopy, Precedent .....                            | 2   |             |
| 12                       | 103210101 | Screw, #8 X.75, Torx, Tapping .....                              | 2   |             |
| 13                       | N/A       | Kit, Hardware, Canopy Strut (includes items 14 through 24) ..... | 1   |             |
| 14                       | 102298401 | Nut,m8,all Metal Lock .....                                      | 2   |             |
| 15                       | 102299065 | M8-1.25 X 65 Tx Bttm Hd Bolt .....                               | 4   |             |
| 16                       | 102299360 | Screw, M8-1.25 X 60, Sems, Tx .....                              | 2   |             |
| 17                       | 102299601 | Screw, Pt, K80x70 Hex Flg Hd .....                               | 2   |             |
| 18                       | 102512401 | Support, Canopy Front, Right-Hand .....                          | 1   |             |
| 19                       | 102513301 | Support, Canopy Front Left-Hand .....                            | 1   |             |
| 20                       | 102544201 | Screw, M6 Hex .....                                              | 2   |             |
| 21                       | N/A       | Instr, Kit, Canopy (prec) .....                                  | 1   |             |
| 22                       | 103196001 | Washer, Conical Spring, Canopy .....                             | 8   |             |
| 23                       | 103199301 | Bolt - M6 X 1 X 45 Hh Grey .....                                 | 4   |             |
| 24                       | 103200301 | Nut, M6 x 1.00 .....                                             | 4   |             |
| Note: Item 21 not shown. |           |                                                                  |     |             |

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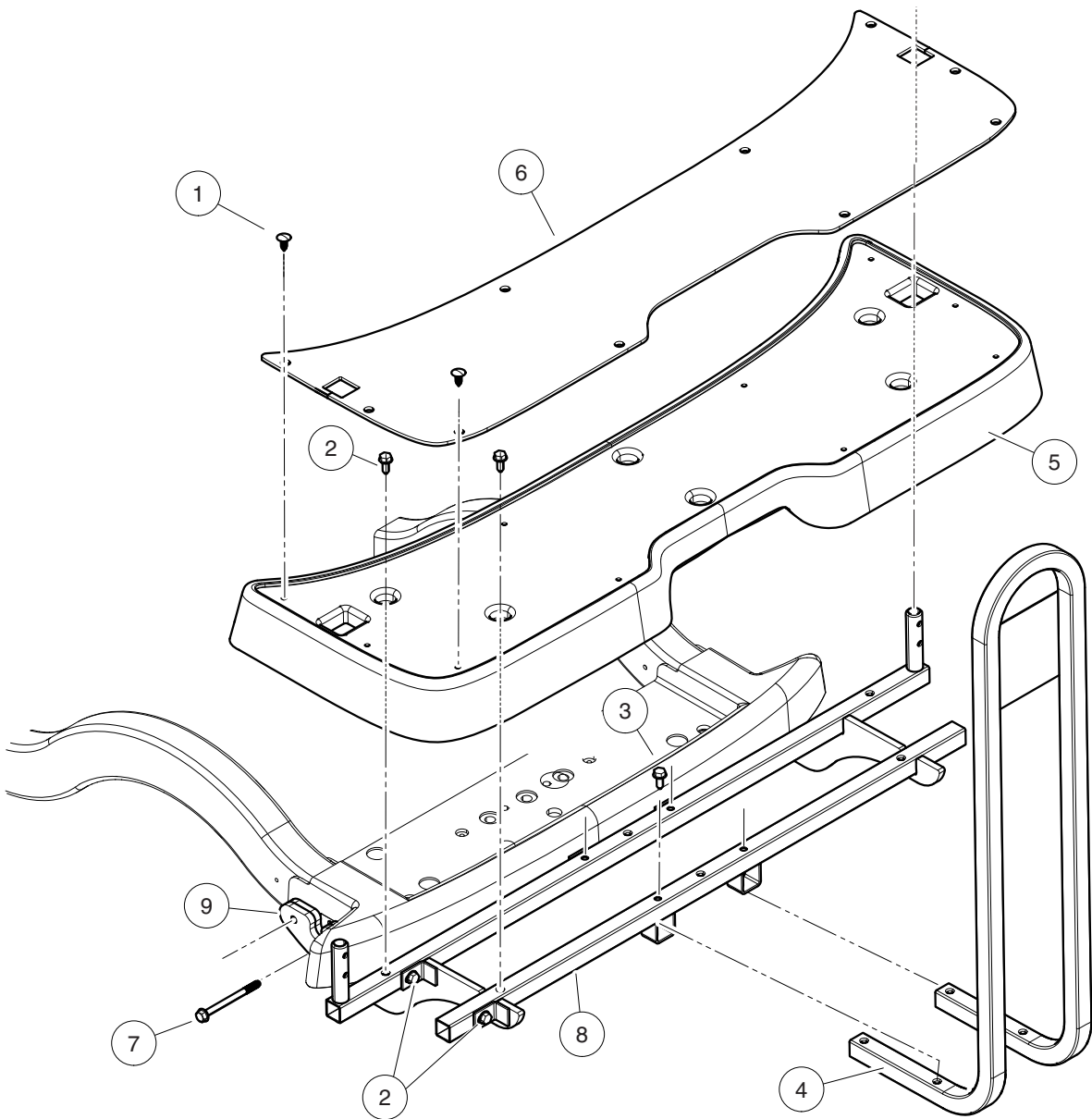
# REAR SEAT – PRECEDENT VILLAGER 4 AND I2 4 PASSENGER

| ITEM                                           | PART NO.  | DESCRIPTION                               | QTY | 1<br>G<br>E |
|------------------------------------------------|-----------|-------------------------------------------|-----|-------------|
|                                                |           | 1 2 3 4                                   |     |             |
| 1                                              | 1010434   | Barrel - Plastic .....                    | 10  |             |
| 2                                              | 102296530 | Screw - M6 X 1.0 X 30 Sems .....          | 4   |             |
| 3                                              | 102298030 | Screw, K80x30, Torx Pn Hd Pt .....        | 2   |             |
| 4                                              | 102298240 | Bolt, Flange Head, M8-1.25 X 40 .....     | A/R |             |
| 5                                              | 102298720 | M8-1.25x20 Taptite .....                  | 10  |             |
| 6                                              | 102503221 | Service Backrest Asm, Beige .....         | 1   |             |
| 7                                              | 102503222 | Service Backrest Asm, White .....         | 1   |             |
| 8                                              | 102503224 | Service Backrest Asm, Gray .....          | 1   |             |
| 9                                              | 102503225 | Service Backrest Asm-black .....          | 1   |             |
| 10                                             | 102531501 | Cover, 4-pass Ns1 Underbody .....         | 1   |             |
| 11                                             | 102531701 | 4-Passenger Rear Seat Bottom, Beige ..... | 1   |             |
| 12                                             | 102531702 | 4-Passenger Rear Seat Bottom, White ..... | 1   |             |
| 13                                             | 102531704 | 4-Passenger Rear Seat Bottom, Gray .....  | 1   |             |
| 14                                             | 102541425 | Bolt-m6x1.0x25 Hex Flhd, Blk-l .....      | 4   |             |
| 15                                             | 102572201 | Connector Tube-hand Rail Asm .....        | 1   |             |
| 16                                             | 102573101 | Bracket, 4-pass Lower Seat .....          | 2   |             |
| 17                                             | 102574801 | Support-rh 4 Passenger Seat .....         | 1   |             |
| 18                                             | 102574901 | Support-lh 4 Passenger Seat .....         | 1   |             |
| 19                                             | 102575101 | Restraint- Rh 4-passenger Hip .....       | 1   |             |
| 20                                             | 102575201 | Restraint- Lh 4-passenger Hip .....       | 1   |             |
| Note: See also four-passenger kit information. |           |                                           |     |             |

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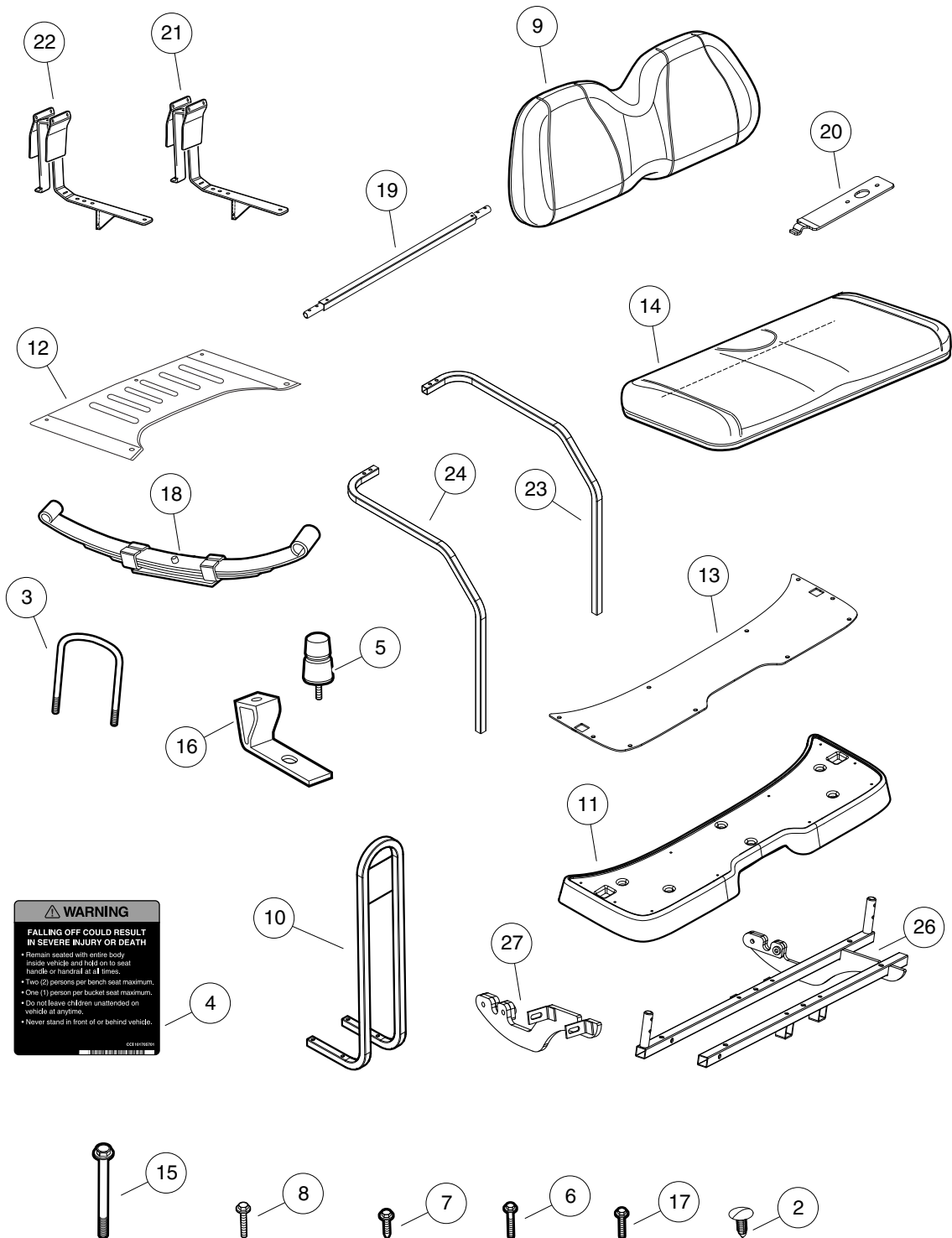
# REAR FOOTREST ASSEMBLY – PRECEDENT VILLAGER 4 AND I2 4 PASSENGER

| ITEM | PART NO.  | DESCRIPTION                        | QTY | 1<br>G<br>E |
|------|-----------|------------------------------------|-----|-------------|
|      |           | 1 2 3 4                            |     |             |
| 1    | 1010434   | Barrel - Plastic .....             | 10  |             |
| 2    | 102298720 | M8-1.25x20 Taptite .....           | 8   |             |
| 3    | 102298745 | M8-1.25x45 Taptite .....           | 4   |             |
| 4    | 102531001 | Handrail Weldment, Rear Seat ..... | 1   |             |
| 5    | 102531402 | Footdeck, 4-Passenger, Black ..... | 1   |             |
| 6    | 102531601 | Floormat, 4-Passenger, Rear .....  | 1   |             |
| 7    | 102534201 | Bolt - Fl Hd, M8 X 95 .....        | 4   |             |
| 8    | 102584701 | Weld, 4-pass Footdeck-a .....      | 1   |             |
| 9    | 102584801 | Weld, 4-pass Footdeck-b .....      | 1   |             |

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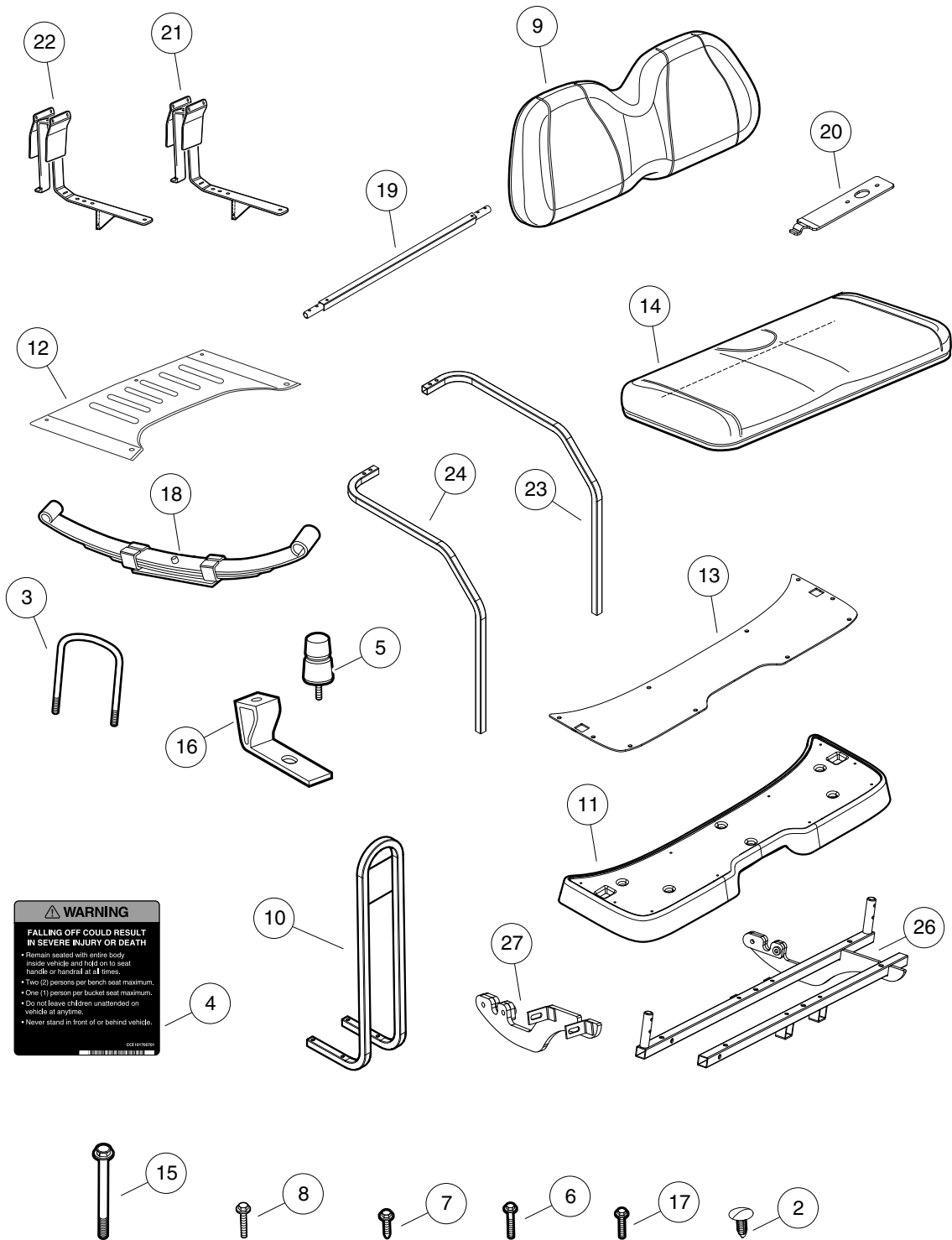
# FOUR PASSENGER CONVERSION KIT – BEIGE

| ITEM | PART NO.  | DESCRIPTION                                                      | QTY | 1<br>G<br>E |
|------|-----------|------------------------------------------------------------------|-----|-------------|
|      |           | 1 2 3 4                                                          |     |             |
| 1    | 102570901 | Kit-4-pass, Prec, Std, Beige (includes items 2 through 27) ..... | 1   |             |
| 2    | 1010434   | Barrel - Plastic .....                                           | 11  |             |
| 3    | 1014902   | U-Bolt .....                                                     | 2   |             |
| 4    | 101705701 | Decal, Warning .....                                             | 1   |             |
| 5    | 1017235   | Bumper, Jounce .....                                             | 2   |             |
| 6    | 102296530 | Screw - M6 X 1.0 X 30 Sems .....                                 | 4   |             |
| 7    | 102298720 | M8-1.25x20 Taptite .....                                         | 18  |             |
| 8    | 102298745 | M8-1.25x45 Taptite .....                                         | 4   |             |
| 9    | 102503221 | Service Backrest Asm, Beige .....                                | 1   |             |
| 10   | 102531001 | Handrail Weldment, Rear Seat .....                               | 1   |             |
| 11   | 102531402 | Footdeck, 4-Passenger, Black .....                               | 1   |             |
| 12   | 102531501 | Cover, 4-pass Ns1 Underbody .....                                | 1   |             |
| 13   | 102531601 | Floormat, 4-Passenger, Rear .....                                | 1   |             |
| 14   | 102531701 | 4-Passenger Rear Seat Bottom, Beige .....                        | 1   |             |
| 15   | 102534201 | Bolt - Fl Hd, M8 X 95 .....                                      | 4   |             |
| 16   | 102534801 | Jounce Bumper Bracket .....                                      | 2   |             |
| 17   | 102541425 | Bolt-m6x1.0x25 Hex Flhd, Blk-l .....                             | 6   |             |
| 18   | 102544901 | Spril, Leaf, Rear .....                                          | 2   |             |
| 19   | 102572201 | Connector Tube-hand Rail Asm .....                               | 1   |             |
| 20   | 102573101 | Bracket, 4-pass Lower Seat .....                                 | 2   |             |
| 21   | 102574801 | Support-rh 4 Passenger Seat .....                                | 1   |             |
| 22   | 102574901 | Support-lh 4 Passenger Seat .....                                | 1   |             |
| 23   | 102575101 | Restraint- Rh 4-passenger Hip .....                              | 1   |             |
| 24   | 102575201 | Restraint- Lh 4-passenger Hip .....                              | 1   |             |
| 25   | N/A       | Instructions-4 Pass Field .....                                  | 1   |             |
| 26   | 102584701 | Weld, 4-pass Footdeck-a .....                                    | 1   |             |
| 27   | 102584801 | Weld, 4-pass Footdeck-b .....                                    | 1   |             |

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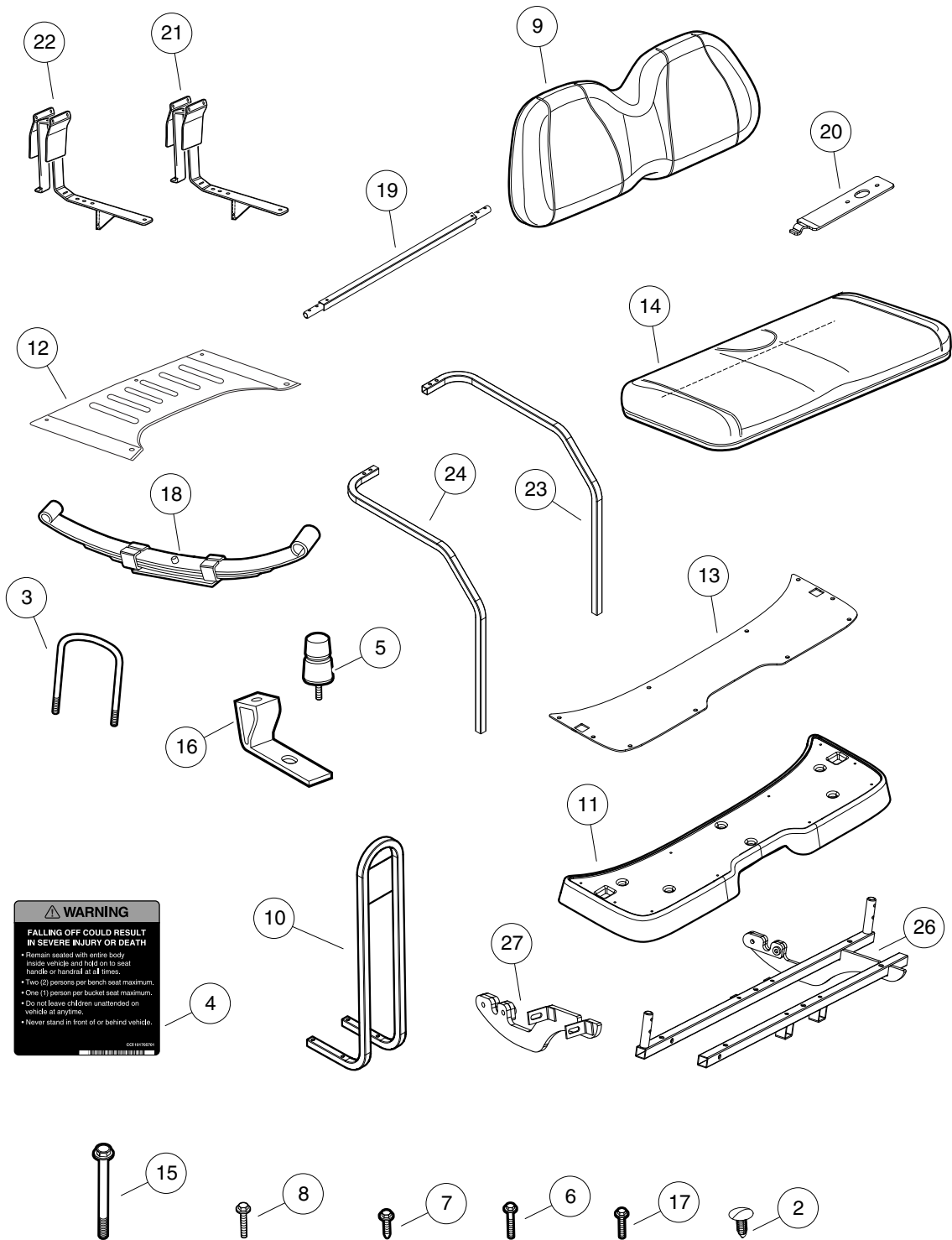
# FOUR PASSENGER CONVERSION KIT – WHITE

| ITEM | PART NO.  | DESCRIPTION                                                      | QTY | 1<br>G<br>E |
|------|-----------|------------------------------------------------------------------|-----|-------------|
|      |           | 1 2 3 4                                                          |     |             |
| 1    | 102570902 | Kit-4-pass, Prec, Std, White (includes items 2 through 27) ..... | 1   |             |
| 2    | 1010434   | Barrel - Plastic .....                                           | 11  |             |
| 3    | 1014902   | U-Bolt .....                                                     | 2   |             |
| 4    | 101705701 | Decal, Warning .....                                             | 1   |             |
| 5    | 1017235   | Bumper, Jounce .....                                             | 2   |             |
| 6    | 102296530 | Screw - M6 X 1.0 X 30 Sems .....                                 | 4   |             |
| 7    | 102298720 | M8-1.25x20 Taptite .....                                         | 18  |             |
| 8    | 102298745 | M8-1.25x45 Taptite .....                                         | 4   |             |
| 9    | 102503222 | Service Backrest Asm, White .....                                | 1   |             |
| 10   | 102531001 | Handrail Weldment, Rear Seat .....                               | 1   |             |
| 11   | 102531402 | Footdeck, 4-Passenger, Black .....                               | 1   |             |
| 12   | 102531501 | Cover, 4-pass Ns1 Underbody .....                                | 1   |             |
| 13   | 102531601 | Floormat, 4-Passenger, Rear .....                                | 1   |             |
| 14   | 102531702 | 4-Passenger Rear Seat Bottom, White .....                        | 1   |             |
| 15   | 102534201 | Bolt - Fl Hd, M8 X 95 .....                                      | 4   |             |
| 16   | 102534801 | Jounce Bumper Bracket .....                                      | 2   |             |
| 17   | 102541425 | Bolt-m6x1.0x25 Hex Flhd, Blk-l .....                             | 6   |             |
| 18   | 102544901 | Spril, Leaf, Rear .....                                          | 2   |             |
| 19   | 102572201 | Connector Tube-hand Rail Asm .....                               | 1   |             |
| 20   | 102573101 | Bracket, 4-pass Lower Seat .....                                 | 2   |             |
| 21   | 102574801 | Support-rh 4 Passenger Seat .....                                | 1   |             |
| 22   | 102574901 | Support-lh 4 Passenger Seat .....                                | 1   |             |
| 23   | 102575101 | Restraint- Rh 4-passenger Hip .....                              | 1   |             |
| 24   | 102575201 | Restraint- Lh 4-passenger Hip .....                              | 1   |             |
| 25   | N/A       | Instructions-4 Pass Field .....                                  | 1   |             |
| 26   | 102584701 | Weld, 4-pass Footdeck-a .....                                    | 1   |             |
| 27   | 102584801 | Weld, 4-pass Footdeck-b .....                                    | 1   |             |

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# FOUR PASSENGER CONVERSION KIT – GRAY

| ITEM | PART NO.  | DESCRIPTION                                                                | QTY | 1<br>G<br>E |
|------|-----------|----------------------------------------------------------------------------|-----|-------------|
|      |           | 1 2 3 4                                                                    |     |             |
| 1    | 102570904 | Kit, 4 Passenger, Precedent, Std, Gray (includes items 2 through 27) ..... | 1   |             |
| 2    | 1010434   | Barrel - Plastic .....                                                     | 11  |             |
| 3    | 1014902   | U-Bolt .....                                                               | 2   |             |
| 4    | 101705701 | Decal, Warning .....                                                       | 1   |             |
| 5    | 1017235   | Bumper, Jounce .....                                                       | 2   |             |
| 6    | 102296530 | Screw - M6 X 1.0 X 30 Sems .....                                           | 4   |             |
| 7    | 102298720 | M8-1.25x20 Taptite .....                                                   | 18  |             |
| 8    | 102298745 | M8-1.25x45 Taptite .....                                                   | 4   |             |
| 9    | 102503224 | Service Backrest Asm, Gray .....                                           | 1   |             |
| 10   | 102531001 | Handrail Weldment, Rear Seat .....                                         | 1   |             |
| 11   | 102531402 | Footdeck, 4-Passenger, Black .....                                         | 1   |             |
| 12   | 102531501 | Cover, 4-pass Ns1 Underbody .....                                          | 1   |             |
| 13   | 102531601 | Floormat, 4-Passenger, Rear .....                                          | 1   |             |
| 14   | 102531704 | 4-Passenger Rear Seat Bottom, Gray .....                                   | 1   |             |
| 15   | 102534201 | Bolt - Fl Hd, M8 X 95 .....                                                | 4   |             |
| 16   | 102534801 | Jounce Bumper Bracket .....                                                | 2   |             |
| 17   | 102541425 | Bolt-m6x1.0x25 Hex Flhd, Blk-l .....                                       | 6   |             |
| 18   | 102544901 | Spril, Leaf, Rear .....                                                    | 2   |             |
| 19   | 102572201 | Connector Tube-hand Rail Asm .....                                         | 1   |             |
| 20   | 102573101 | Bracket, 4-pass Lower Seat .....                                           | 2   |             |
| 21   | 102574801 | Support-rh 4 Passenger Seat .....                                          | 1   |             |
| 22   | 102574901 | Support-lh 4 Passenger Seat .....                                          | 1   |             |
| 23   | 102575101 | Restraint- Rh 4-passenger Hip .....                                        | 1   |             |
| 24   | 102575201 | Restraint- Lh 4-passenger Hip .....                                        | 1   |             |
| 25   | N/A       | Instructions-4 Pass Field .....                                            | 1   |             |
| 26   | 102584701 | Weld, 4-pass Footdeck-a .....                                              | 1   |             |
| 27   | 102584801 | Weld, 4-pass Footdeck-b .....                                              | 1   |             |

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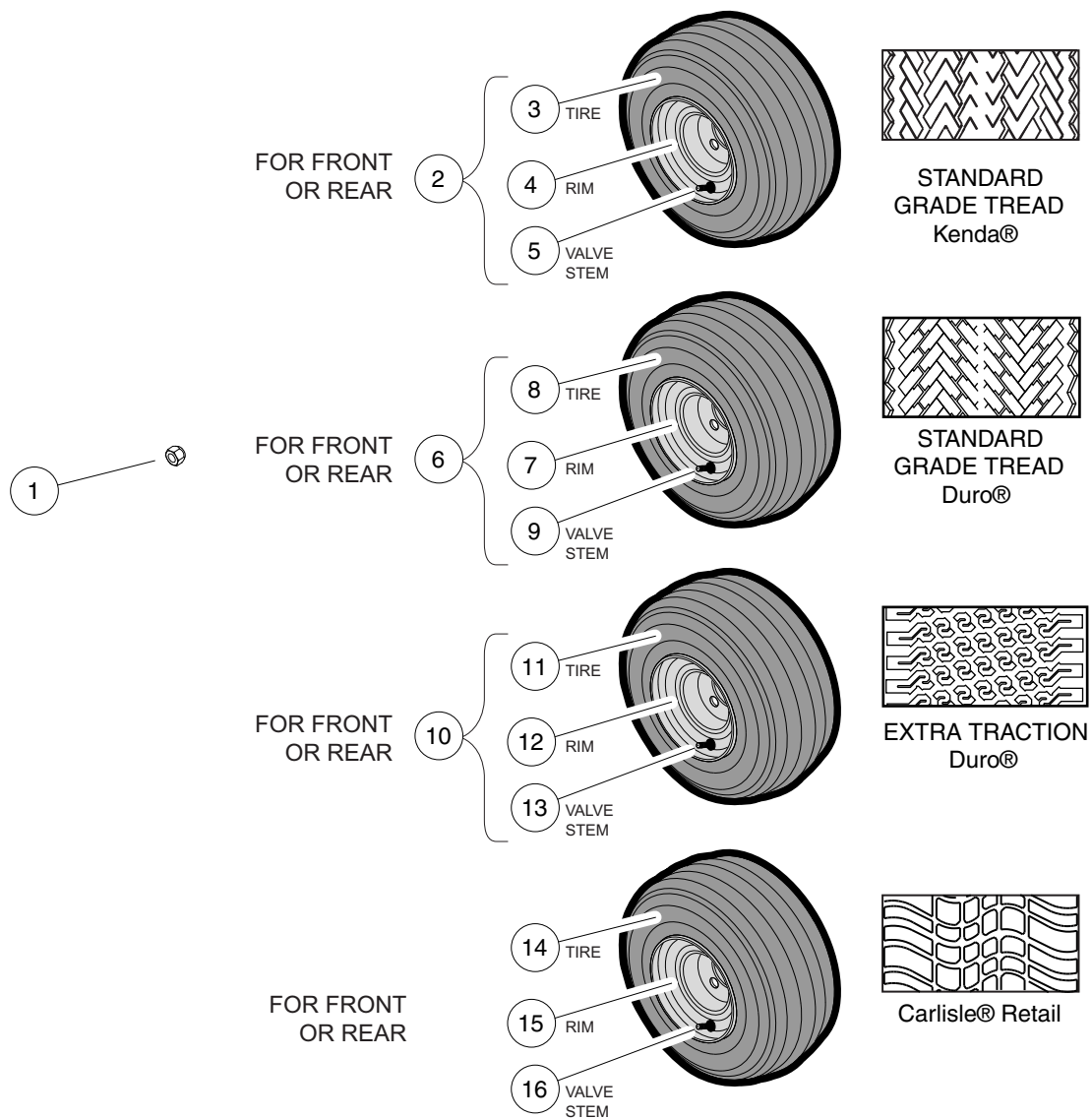
# WHEEL AND TIRES

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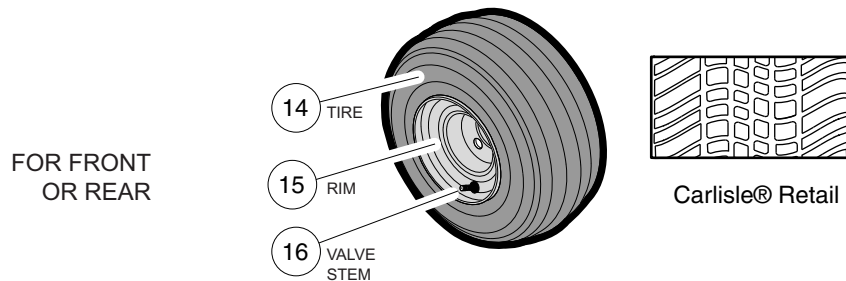
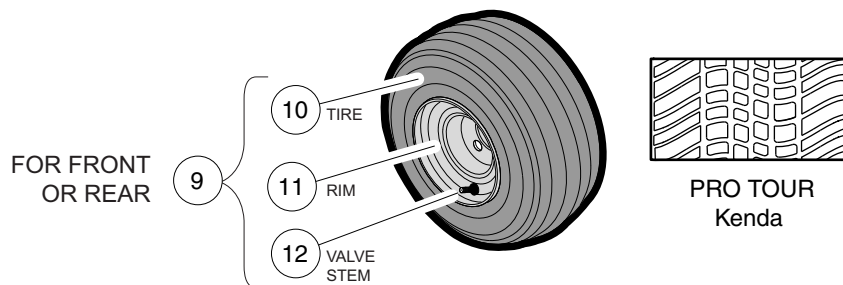
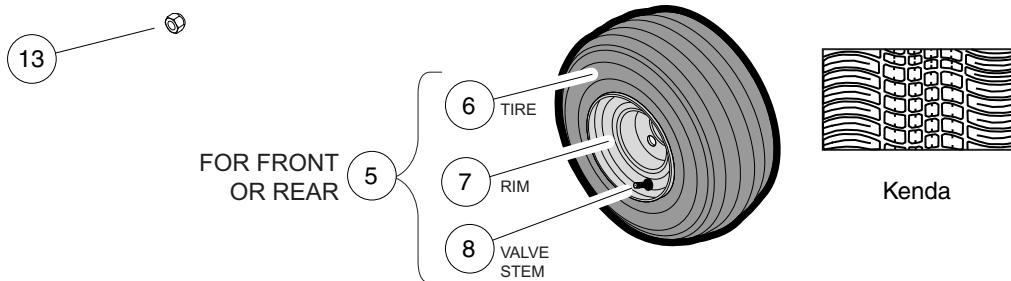
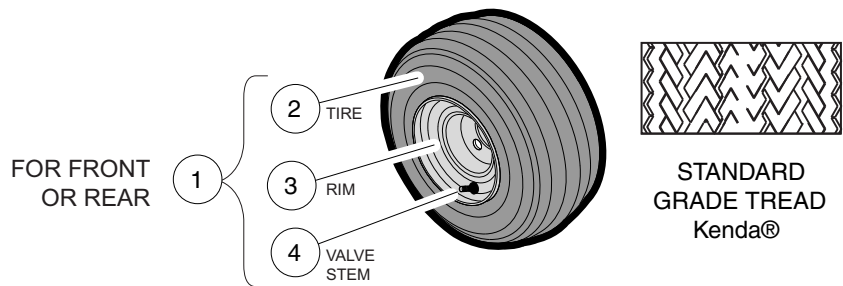
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## WHEELS AND TIRES – PROFESSIONAL AND I2

| ITEM | PART NO.  | DESCRIPTION                                                    | QTY | 2 |
|------|-----------|----------------------------------------------------------------|-----|---|
|      |           | 1 2 3 4                                                        |     | G |
| 1    | 1010984   | .500-20 Unf Lug Nut .....                                      | 16  | E |
| 2    | 102522601 | Asm-Kenda Std Gray (includes items 3 through 5) .....          | 4   |   |
| 3    | 103458601 | Tire, Kenda Hole-n-1, Xt .....                                 | 1   |   |
| 4    | 103459101 | Wheel Rim Asm, 8"x7", Silver .....                             | 1   |   |
| 5    | 7310      | Valve Stem .....                                               | 1   |   |
| 6    | 102522604 | Asm-duro Std Gray (includes items 7 through 9) .....           | 4   |   |
| 7    | 102557801 | Wheel Rim Asm, 8" X 7.000" .....                               | 1   |   |
| 8    | 102569304 | Duro 18 X 8.5 X 8, 4-Ply .....                                 | 1   |   |
| 9    | 7310      | Valve Stem .....                                               | 1   |   |
| 10   | 102522605 | Asm-duro Extra Tract Gray (includes items 11 through 13) ..... | 4   |   |
| 11   | 101769302 | Tire, Unmounted Xtrac 18 x 8.50-8 .....                        | 1   |   |
| 12   | 102557801 | Wheel Rim Asm, 8" X 7.000" .....                               | 1   |   |
| 13   | 7310      | Valve Stem .....                                               | 1   |   |
| 14   | 102569309 | Carlisle 18 X 8.50 R8 .....                                    | 1   |   |
| 15   | 103459101 | Wheel Rim Asm, 8"x7", Silver .....                             | 1   |   |
| 16   | 7310      | Valve Stem .....                                               | 1   |   |



000475-003

## WHEELS AND TIRES – CHAMPION AND I2L

| ITEM | PART NO.  | DESCRIPTION                                                   | QTY | 2 |
|------|-----------|---------------------------------------------------------------|-----|---|
|      |           | 1 2 3 4                                                       |     | G |
| 1    | 102522601 | Asm-Kenda Std Gray (includes items 2 through 4) .....         | 4   | E |
| 2    | 103458601 | Tire, Kenda Hole-n-1, Xt .....                                | 1   |   |
| 3    | 103459101 | Wheel Rim Asm, 8"x7", Silver .....                            | 1   |   |
| 4    | 7310      | Valve Stem .....                                              | 1   |   |
| 5    | 102522611 | Asm-kenda Retail, Radial (includes items 6 through 8) .....   | 4   |   |
| 6    | 102569311 | Tire-kenda 18x8.5 R8, 4-ply .....                             | 1   |   |
| 7    | 103459101 | Wheel Rim Asm, 8"x7", Silver .....                            | 1   |   |
| 8    | 7310      | Valve Stem .....                                              | 1   |   |
| 9    | 102540601 | Tire and Wheel, Aluminum (includes items 10 through 12) ..... | 4   |   |
| 10   | 102556701 | Tire, Pro Tour, 205-50 X 10 .....                             | 1   |   |
| 11   | 102556801 | Wheel, ChampionsAluminum'.....                                | 1   |   |
| 12   | 7310      | Valve Stem .....                                              | 1   |   |
| 13   | 102540701 | Lug Nut, 1/2" Closed End .....                                | 16  |   |
| 14   | 102569309 | Carlisle 18 X 8.50 R8 .....                                   | 4   |   |
| 15   | 103459101 | Wheel Rim Asm, 8"x7", Silver .....                            | 1   |   |
| 16   | 7310      | Valve Stem .....                                              | 1   |   |

2

*G*

*E*



# DECALS

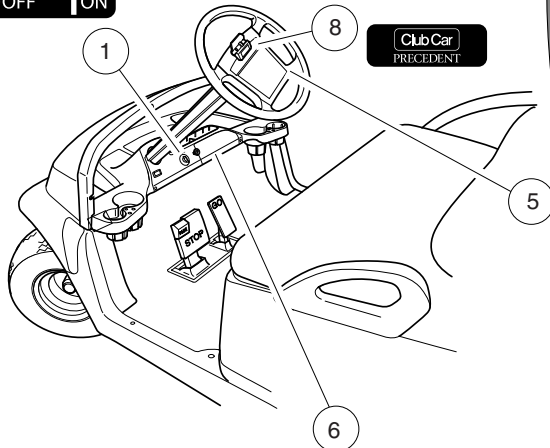
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3

G

E

OFF ON



## 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

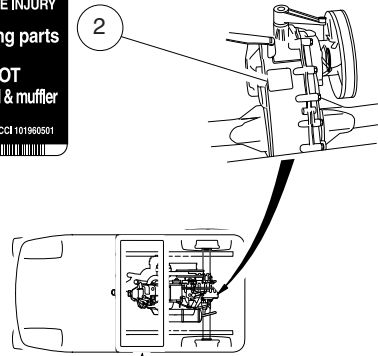
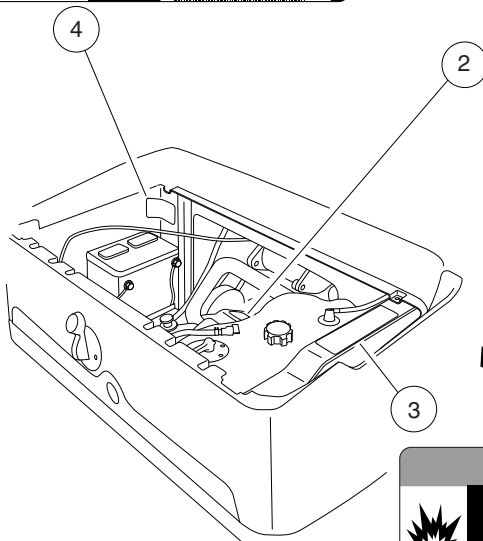
### CAN CAUSE SEVERE INJURY

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

CE

000444-001

## DECALS – GASOLINE VEHICLE

| ITEM                           | PART NO.  | DESCRIPTION                              | QTY | 3<br>G<br>E |
|--------------------------------|-----------|------------------------------------------|-----|-------------|
|                                |           | <b>1 2 3 4</b>                           |     |             |
| 1                              | 101825101 | Decal, Off/On .....                      | 1   |             |
| 2                              | 101960501 | Decal, Rotating Parts/Hot Manifold ..... | 2   |             |
| 3                              | 102517801 | Decal, Warning - Gas and Govenor .....   | 1   |             |
| 4                              | 102517901 | Decal, Warning - Frame Ground .....      | 1   |             |
| 5                              | 102519201 | Decal, Operating Instr, Gas .....        | 1   |             |
| 6                              | 102519301 | Decal, Warning, Rollover .....           | 1   |             |
| 7                              | 102538101 | Decal, Operating Instructions .....      | 1   |             |
| 8                              | 102540901 | Decal, Club Car Clip .....               | 1   |             |
| <p>Note: Item 7 not shown.</p> |           |                                          |     |             |

**IMPORTANT  
NOTICE**

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

CCI 102555901

**OPERATING INSTRUCTIONS**

- 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.

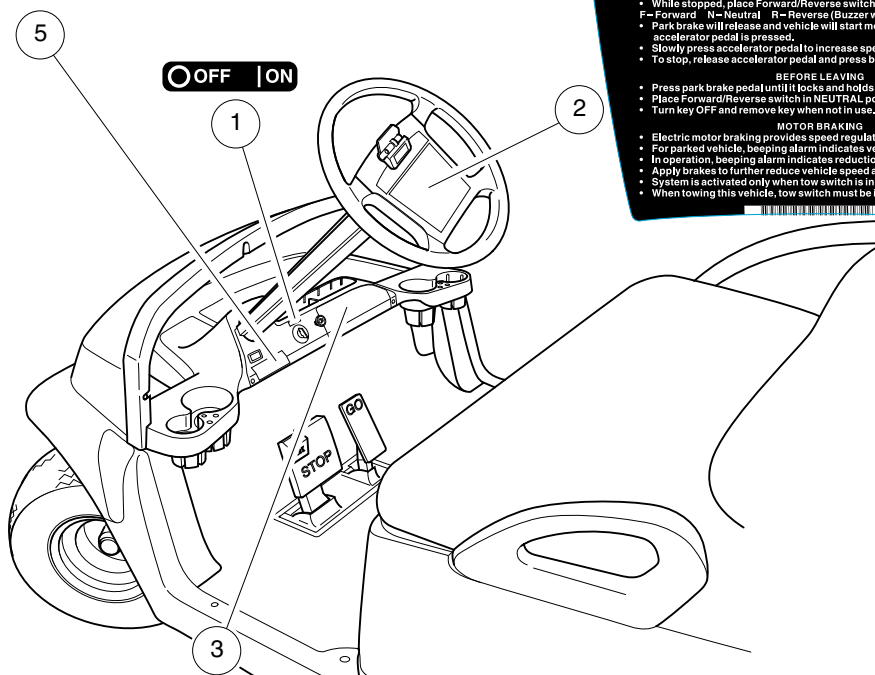
**BEFORE LEAVING**

- 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.

CCI 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.

CCI 102519301

000441-002

# DECALS – ELECTRIC VEHICLE, STYLES A, B, AND C

| ITEM | PART NO.  | DESCRIPTION                         | QTY | 3 |
|------|-----------|-------------------------------------|-----|---|
|      |           | 1 2 3 4                             |     | G |
| 1    | 101825101 | Decal, Off/On .....                 | 1   | E |
| 2    | 102518001 | Decal, Operating Instr, Elec .....  | 1   |   |
| 3    | 102519301 | Decal, Warning, Rollover .....      | 1   |   |
| 4    | 102538201 | Decal, Operating Instructions ..... | 1   |   |
| 5    | 102555901 | Decal, Private Speed, Prec .....    | 1   |   |
|      |           | Note: Item 4 not shown.             |     |   |

**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.

CCJ 103238501

**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.

CCJ 102516301

**WARNING**

**BATTERY EXPLOSION COULD RESULT IN SEVERE PERSONAL INJURY**

- Do not store items in battery compartment.
- 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

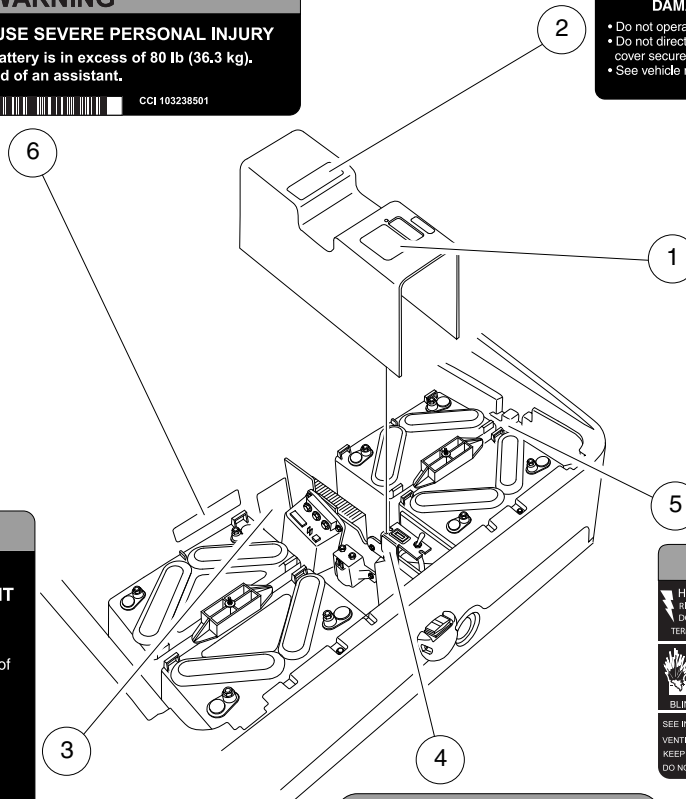
CCJ 102518101

**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.

CCJ 102519401



**DANGER!**

**HIGH VOLTAGE...**  
RISK OF SHOCK.  
DO NOT TOUCH UNINSULATED  
TERMINALS OR CONNECTORS.

**NO SPARKS  
FLAMES  
SMOKING**

**SULFURIC  
ACID**  
CAN CAUSE  
BLINDNESS OR  
SEVERE BURNS.

**SHIELD EYES  
EXPLOSIVE  
GASES**  
CAN CAUSE  
BLINDNESS OR INJURY

**FLUSH EYES  
IMMEDIATELY  
WITH WATER.**  
GET MEDICAL HELP FAST

SEE INSTALLATION, MAINTENANCE AND OPERATION INSTRUCTIONS  
VENTILATE WELL WHEN IN AN ENCLOSED SPACE AND WHEN CHARGING.  
KEEP OUT OF REACH OF CHILDREN  
DO NOT TIP

CCJ 102591901

**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

000441-003

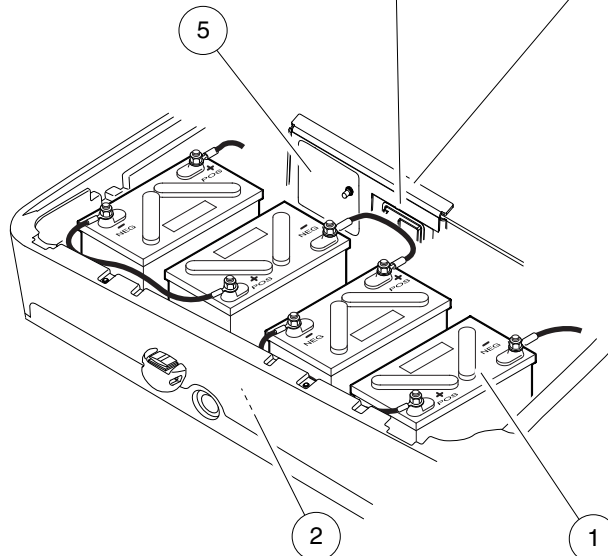
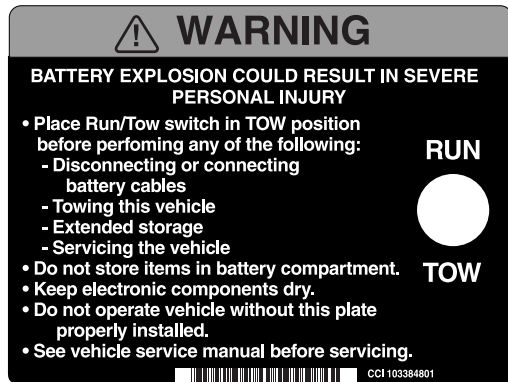
DECALS – ELECTRIC VEHICLE, STYLE A

| ITEM | PART NO.  | DESCRIPTION                                           | QTY |
|------|-----------|-------------------------------------------------------|-----|
|      |           | 1 2 3 4                                               |     |
| 1    | 102518101 | Decal, Run/Tow with Storage Area .....                | 1   |
| 2    | 102518301 | Decal, Caution, Electrical Component Cover .....      | 1   |
| 3    | 102519401 | Decal, Run/Tow Safety, IQ .....                       | 1   |
| 4    | 102527501 | Decal-component Mounting Plate .....                  | 1   |
| 5    | 102591901 | Warning Tag, Battery, SPWS (For SPWS Accessory) ..... | 4   |
| 6    | 103238501 | Decal, Warning -battery Weight .....                  | 1   |

3

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000441-004



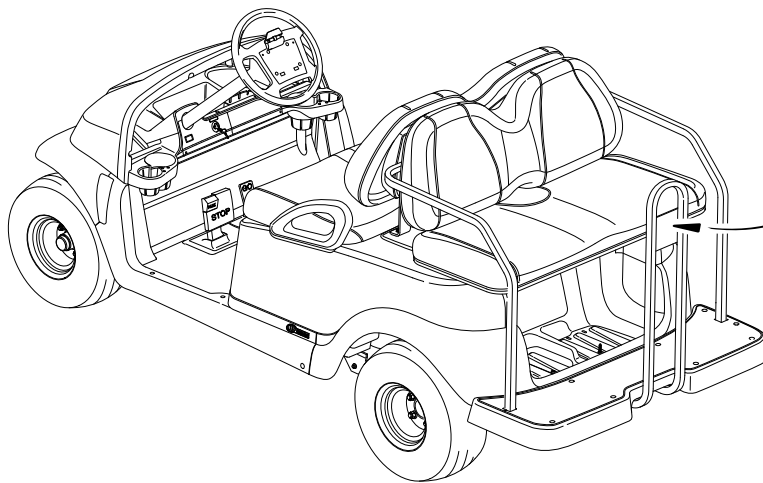
## DECALS – ELECTRIC VEHICLE, STYLE B AND STYLE C

| ITEM | PART NO.  | DESCRIPTION                                           | QTY | 3 |
|------|-----------|-------------------------------------------------------|-----|---|
|      |           | 1 2 3 4                                               |     | G |
| 1    | 102591901 | Warning Tag, Battery, SPWS (For SPWS Accessory) ..... | 4   | E |
| 2    | 103238501 | Decal, Warning -battery Weight .....                  | 1   |   |
| 3    | 103384601 | Decal-water Exposure .....                            | 1   |   |
| 4    | 103384701 | Decal-warning, Short .....                            | 1   |   |
| 5    | 103384801 | Decal-warning, Run Tow .....                          | 1   |   |

3

G

E



## 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 AND I2 4 PASSENGER**

| ITEM | PART NO.  | DESCRIPTION                                        | QTY | 3<br>G<br>E |
|------|-----------|----------------------------------------------------|-----|-------------|
| 1    | 101705701 | <div>1 2 3 4</div> <div>Decal, Warning .....</div> | 4   |             |

3

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*E*

# BRAKES AND PEDAL GROUP ASSEMBLIES

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**4**

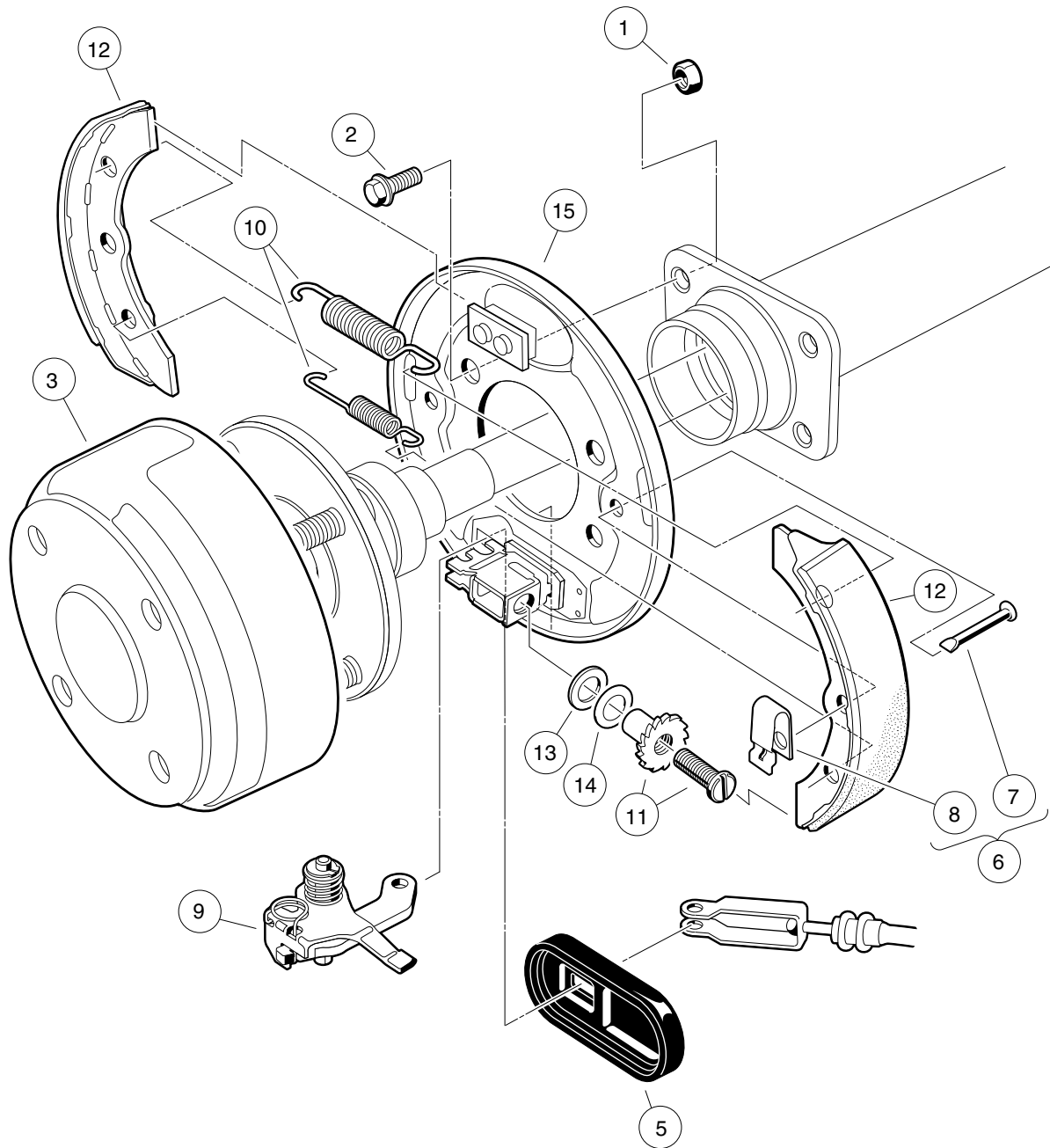
**G**

**E**

4

G

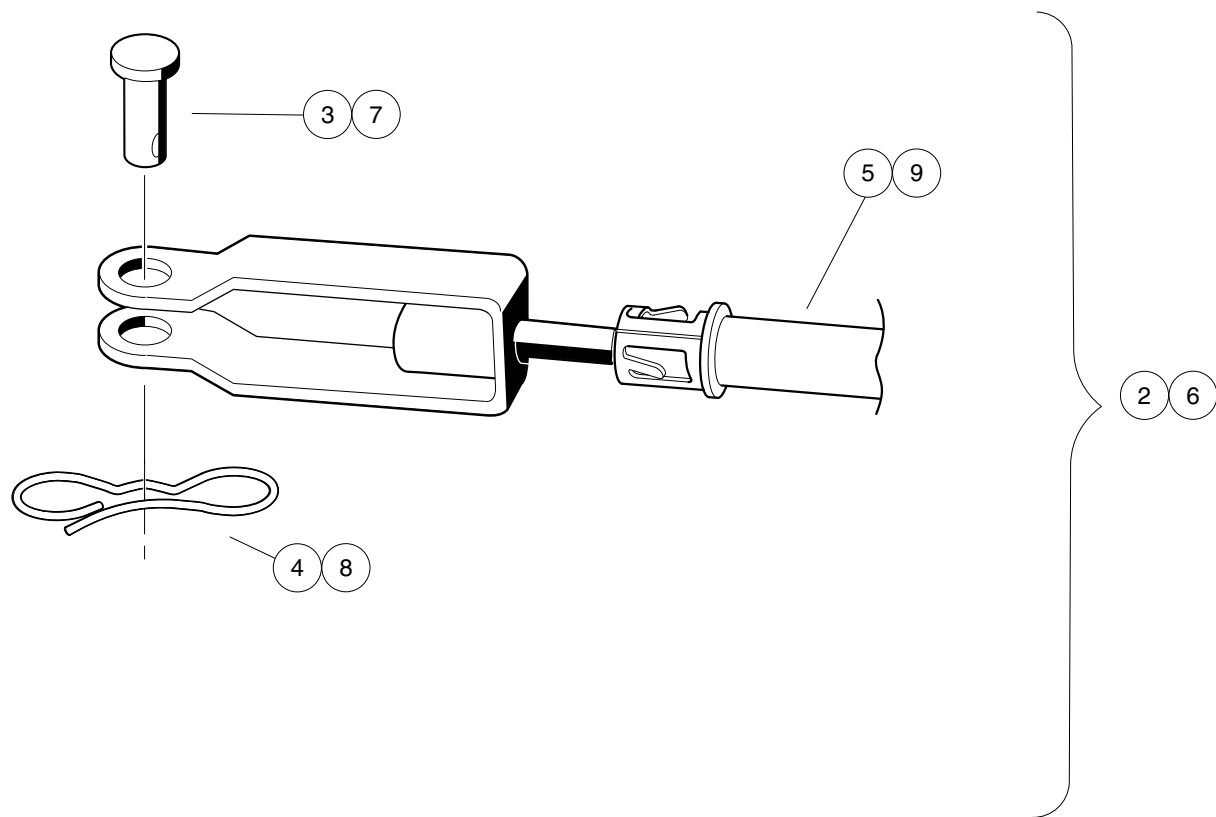
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000186-001

## REAR BRAKE ASSEMBLY, SELF-ADJUSTING

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



000467-001



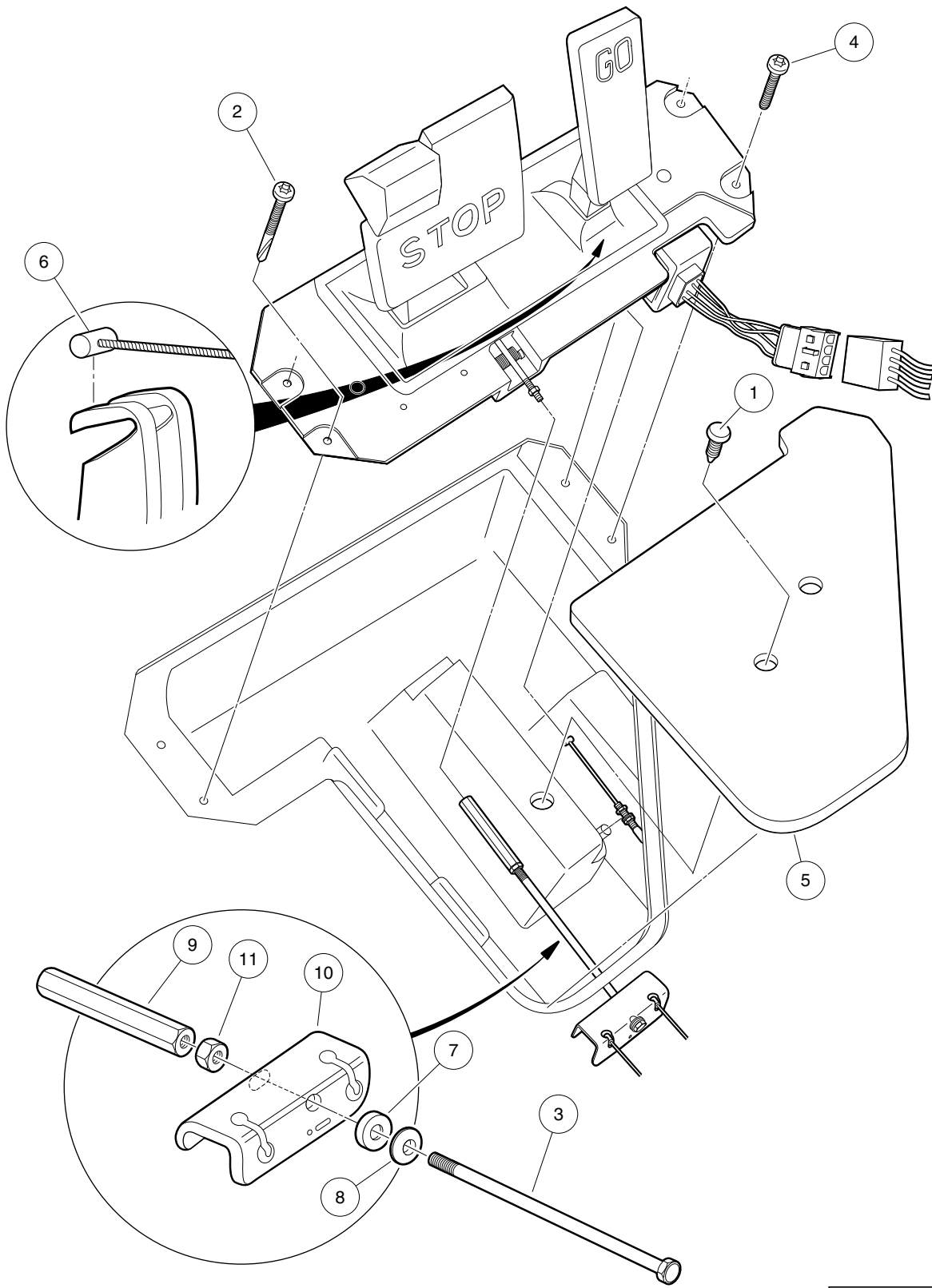
# BRAKE CABLES

| ITEM | PART NO.  | DESCRIPTION                                                        | QTY | 4 |
|------|-----------|--------------------------------------------------------------------|-----|---|
|      |           | 1 2 3 4                                                            |     | G |
| 1    | 103528801 | Kit, Brake Cable, Prec Upgrade (includes items 2 through 11) ..... | 1   | E |
| 2    | 103528701 | Kit, Brake Cable, Prec, Rh (includes items 3 through 5) .....      | 1   |   |
| 3    | 1010829   | Pin, Clevis, 5/16 X 3/4 .....                                      | 1   |   |
| 4    | 102292801 | Pin, Bow Tie Locking - .072 .....                                  | 1   |   |
| 5    | 103528501 | Cable, Brake, Prec, Right .....                                    | 1   |   |
| 6    | 103528702 | Kit, Brake Cable, Prec, Lh (includes items 7 through 9) .....      | 1   |   |
| 7    | 1010829   | Pin, Clevis, 5/16 X 3/4 .....                                      | 1   |   |
| 8    | 102292801 | Pin, Bow Tie Locking - .072 .....                                  | 1   |   |
| 9    | 103528601 | Cable, Brake, Prec, Left .....                                     | 1   |   |
| 10   | 103535001 | Bracket, Equalizer, Prec Awd .....                                 | 1   |   |
| 11   | N/A       | Instr, Prec Brake Cable Kit .....                                  | 1   |   |

4

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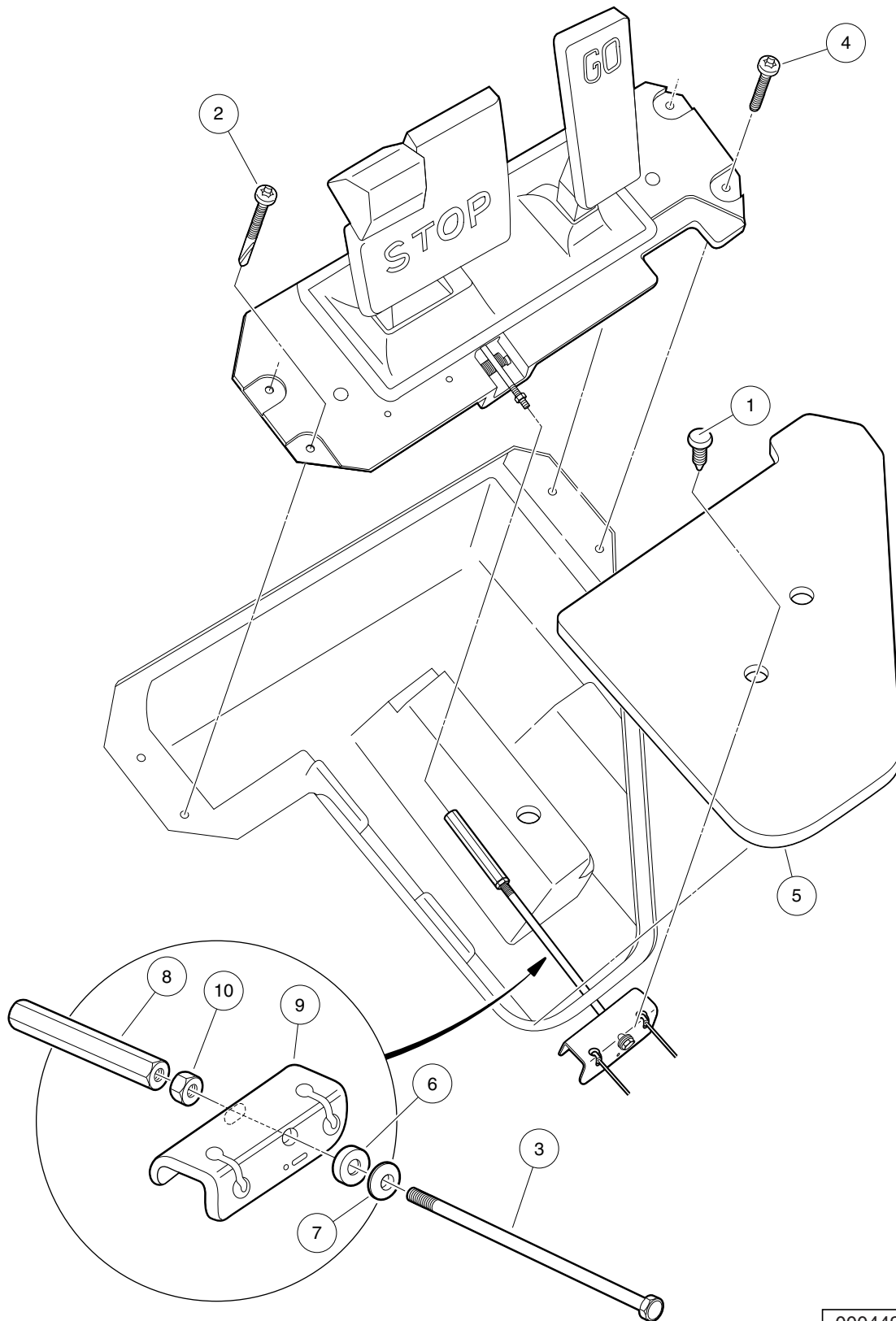
## PEDAL GROUP CONNECTIONS – GASOLINE VEHICLE

| ITEM | PART NO.  | DESCRIPTION                          | QTY | 4<br>G<br>E |
|------|-----------|--------------------------------------|-----|-------------|
|      |           | <b>1 2 3 4</b>                       |     |             |
| 1    | 1010434   | Barrel - Plastic .....               | 1   |             |
| 2    | 102292201 | Screw-1/4-20x2.20 Tx Pn Hd Sd .....  | 2   |             |
| 3    | 102297901 | Bolt, 5/16-18 X 7.375, Hex .....     | 1   |             |
| 4    | 102298030 | Screw, K80x30, Torx Pn Hd Pt .....   | 2   |             |
| 5    | 102500801 | Plate - Floor Cover .....            | 1   |             |
| 6    | 102513102 | Cable, Acc, Snap-in .....            | 1   |             |
| 7    | 102551901 | Washer, 5/16, Self Comp, Cup .....   | 1   |             |
| 8    | 102552001 | Washer, 5/16, Self Comp, Cone .....  | 1   |             |
| 9    | 102594301 | Nut, 5/16-18, Hex Adjusting -I ..... | 1   |             |
| 10   | 103535001 | Bracket, Equalizer, Prec Awd .....   | 1   |             |
| 11   | 1242      | Nut, 5/16-18 Hex .....               | 1   |             |

4

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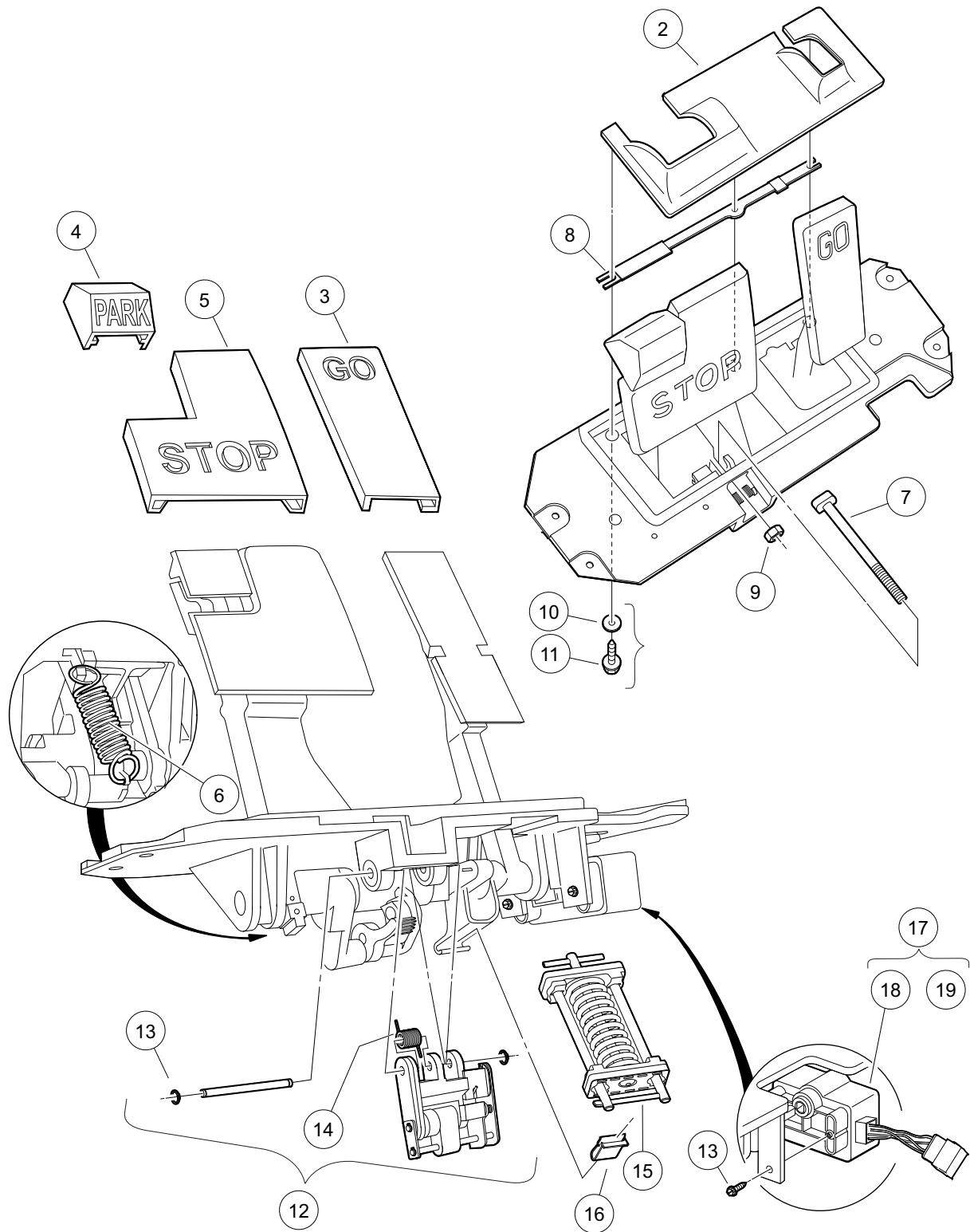
## PEDAL GROUP CONNECTIONS – ELECTRIC VEHICLE

| ITEM | PART NO.  | DESCRIPTION                          | QTY | 4 |
|------|-----------|--------------------------------------|-----|---|
|      |           | 1 2 3 4                              |     | G |
| 1    | 1010434   | Barrel - Plastic .....               | 1   | E |
| 2    | 102292201 | Screw-1/4-20x2.20 Tx Pn Hd Sd .....  | 2   |   |
| 3    | 102297901 | Bolt, 5/16-18 X 7.375, Hex .....     | 1   |   |
| 4    | 102298030 | Screw, K80x30, Torx Pn Hd Pt .....   | 2   |   |
| 5    | 102500801 | Plate - Floor Cover .....            | 1   |   |
| 6    | 102551901 | Washer, 5/16, Self Comp, Cup .....   | 1   |   |
| 7    | 102552001 | Washer, 5/16, Self Comp, Cone .....  | 1   |   |
| 8    | 102594301 | Nut, 5/16-18, Hex Adjusting -I ..... | 1   |   |
| 9    | 103535001 | Bracket, Equalizer, Prec Awd .....   | 1   |   |
| 10   | 103744901 | Adapter, Gen 2 Pedal, Mcor .....     | 1   |   |
| 11   | 103745001 | Drive Bar, Gen 2 Pedal, Mcor .....   | 1   |   |
| 12   | 1242      | Nut, 5/16-18 Hex .....               | 1   |   |

4

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000487-001

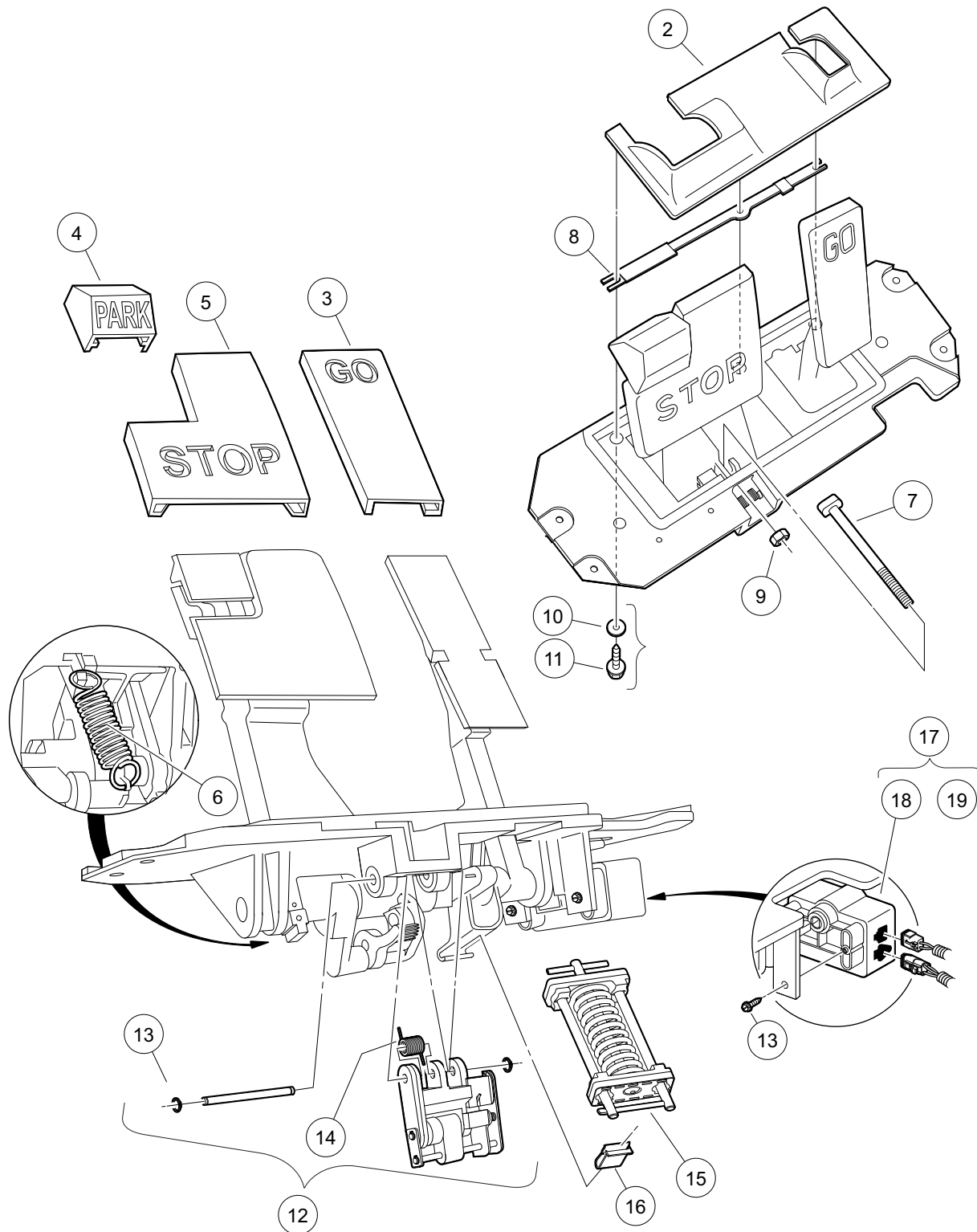
## PEDAL GROUP COMPONENTS – GASOLINE VEHICLE

| ITEM                                                                                                                                                                                                 | PART NO.  | DESCRIPTION                                                     | QTY | 4        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------|-----|----------|
|                                                                                                                                                                                                      |           | <b>1 2 3 4</b>                                                  |     | <b>G</b> |
| 1                                                                                                                                                                                                    | 102500101 | Asm, Pedal Box Gas (includes items 2 through 17) .....          | 1   | <b>E</b> |
| 2                                                                                                                                                                                                    | 102558801 | Shield, Debris .....                                            | 1   |          |
| 3                                                                                                                                                                                                    | 102558901 | Pad, Pedal, Accelerator .....                                   | 1   |          |
| 4                                                                                                                                                                                                    | 102559001 | Pad, Pedal, Park .....                                          | 1   |          |
| 5                                                                                                                                                                                                    | 102559101 | Pad, Pedal, Brake .....                                         | 1   |          |
| 6                                                                                                                                                                                                    | 102559301 | Spring, Brake, Return .....                                     | 1   |          |
| 7                                                                                                                                                                                                    | 102559401 | Rod, Brake .....                                                | 1   |          |
| 8                                                                                                                                                                                                    | 102559601 | Shield, Debris, Aux .....                                       | 1   |          |
| 9                                                                                                                                                                                                    | 102559701 | Nut, Brake Rod .....                                            | 1   |          |
| 10                                                                                                                                                                                                   | 102563001 | Washer, Std Fender, #10 .....                                   | 3   |          |
| 11                                                                                                                                                                                                   | 102563101 | Screw, Type A, #10 .....                                        | 5   |          |
| 12                                                                                                                                                                                                   | N/A       | Assembly Pawl Lock Headed Pins (includes items 13 and 14) ..... | 1   |          |
| 13                                                                                                                                                                                                   | 102587501 | Clip, Push, Pawl .....                                          | 2   |          |
| 14                                                                                                                                                                                                   | 103344301 | Spring, Pawl Return .....                                       | 1   |          |
| 15                                                                                                                                                                                                   | 102588701 | Kit, Pedal Spring .....                                         | 1   |          |
| 16                                                                                                                                                                                                   | 102588901 | Clip, U .....                                                   | 1   |          |
| 17                                                                                                                                                                                                   | 103327701 | Kit, Gcor (includes items 18 and 19) .....                      | 1   |          |
| 18                                                                                                                                                                                                   | 102528601 | GCOR, Prec .....                                                | 1   |          |
| 19                                                                                                                                                                                                   | N/A       | Instr, Kit Gcor/mcor .....                                      | 1   |          |
| <p>Note: Replace pedal box assembly with Generation 2 pedal box assembly (CCI P/N 102595021). Generation 2 pedal box assembly will also require new accelerator pedal cable (CCI P/N 102595101).</p> |           |                                                                 |     |          |

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## PEDAL GROUP COMPONENTS – ELECTRIC VEHICLE

| ITEM                                                                                              | PART NO.  | DESCRIPTION                                                     | QTY | 4        |
|---------------------------------------------------------------------------------------------------|-----------|-----------------------------------------------------------------|-----|----------|
|                                                                                                   |           | <b>1 2 3 4</b>                                                  |     | <b>G</b> |
| 1                                                                                                 | N/A       | Asm, Pedal Box Elec (includes items 2 through 17) .....         | 1   | <b>E</b> |
| 2                                                                                                 | 102558801 | Shield, Debris .....                                            | 1   |          |
| 3                                                                                                 | 102558901 | Pad, Pedal, Accelerator .....                                   | 1   |          |
| 4                                                                                                 | 102559001 | Pad, Pedal, Park .....                                          | 1   |          |
| 5                                                                                                 | 102559101 | Pad, Pedal, Brake .....                                         | 1   |          |
| 6                                                                                                 | 102559301 | Spring, Brake, Return .....                                     | 1   |          |
| 7                                                                                                 | 102559401 | Rod, Brake .....                                                | 1   |          |
| 8                                                                                                 | 102559601 | Shield, Debris, Aux .....                                       | 1   |          |
| 9                                                                                                 | 102559701 | Nut, Brake Rod .....                                            | 1   |          |
| 10                                                                                                | 102563001 | Washer, Std Fender, #10 .....                                   | 3   |          |
| 11                                                                                                | 102563101 | Screw, Type A, #10 .....                                        | 5   |          |
| 12                                                                                                | N/A       | Assembly Pawl Lock Headed Pins (includes items 13 and 14) ..... | 1   |          |
| 13                                                                                                | 102587501 | Clip, Push, Pawl .....                                          | 2   |          |
| 14                                                                                                | 103344301 | Spring, Pawl Return .....                                       | 1   |          |
| 15                                                                                                | 102588701 | Kit, Pedal Spring .....                                         | 1   |          |
| 16                                                                                                | 102588901 | Clip, U .....                                                   | 1   |          |
| 17                                                                                                | 103327901 | Kit, Mcor (includes items 18 and 19) .....                      | 1   |          |
| 18                                                                                                | 102528501 | Mcor, Prec .....                                                | 1   |          |
| 19                                                                                                | N/A       | Instr, Kit Gcor/mcor .....                                      | 1   |          |
| <p>Note: Replace pedal box assembly with Generation 2 pedal box assembly (CCI P/N 102595012).</p> |           |                                                                 |     |          |

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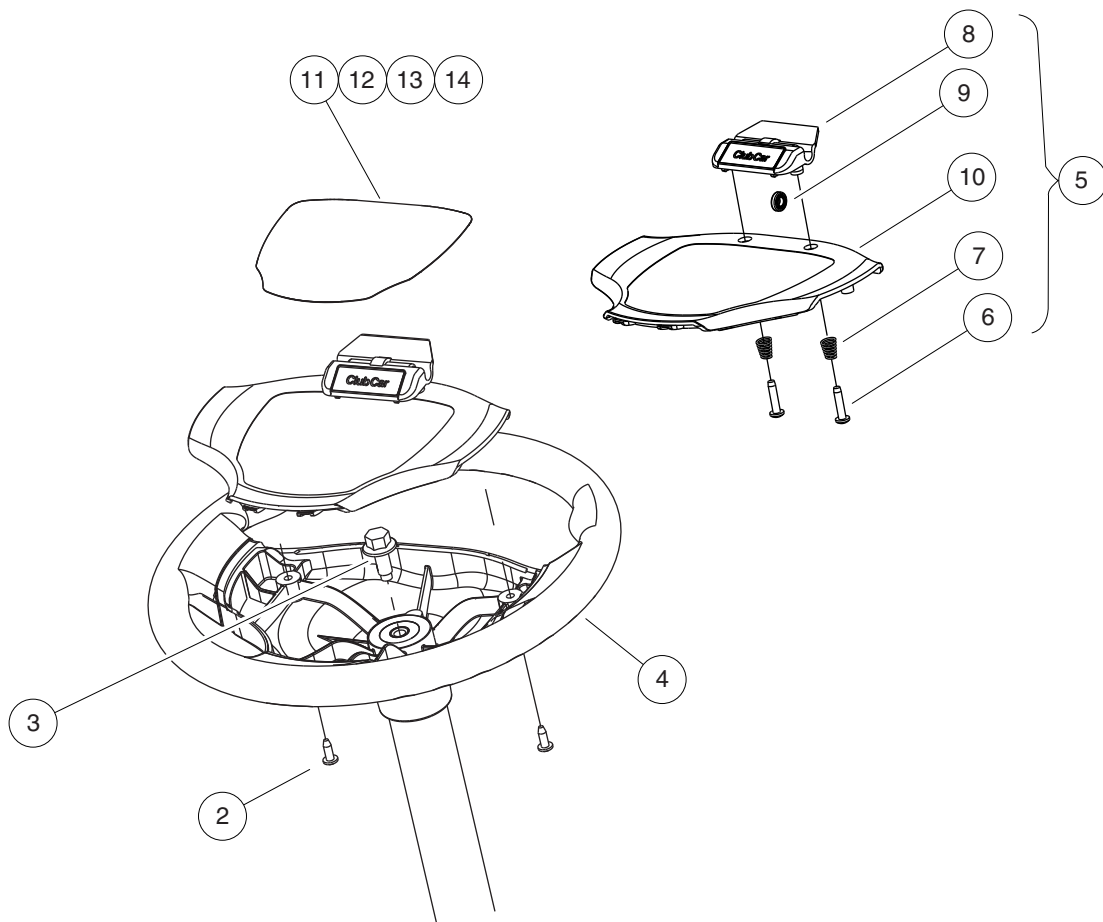
# STEERING, FRONT AND REAR SUSPENSION

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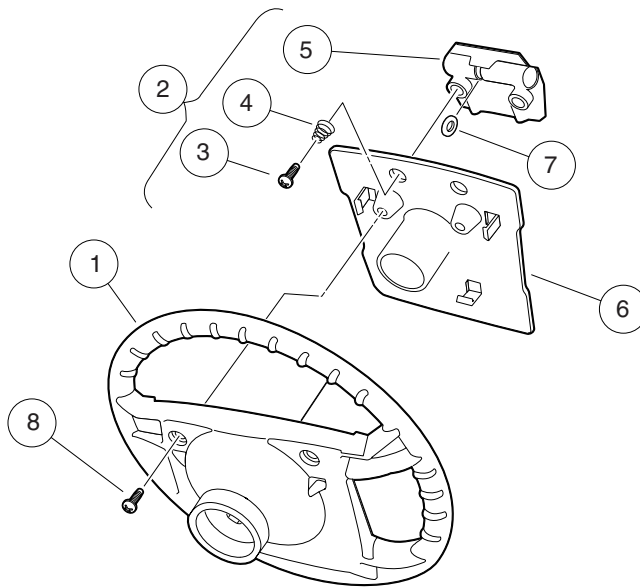
## STEERING WHEEL – CHAMPION AND I2L

| ITEM | PART NO.  | DESCRIPTION                                                  | QTY | 5 |
|------|-----------|--------------------------------------------------------------|-----|---|
|      |           | 1 2 3 4                                                      |     | G |
| 1    | N/A       | Kit, Hex, Steering Wheel (includes items 2 through 15) ..... | 1   | E |
| 2    | 1016663   | Screw, #12-14 X 0.625 .....                                  | 2   |   |
| 3    | 102290120 | Bolt, M10 X 20 Hex Washer Hd .....                           | 1   |   |
| 4    | N/A       | Steering Wheel, Soft Hex .....                               | 1   |   |
| 5    | N/A       | Asm, Scorecard, Clip (includes items 6 through 10) .....     | 1   |   |
| 6    | 1012565   | Screw, #12 Phillips Round Head .....                         | 2   |   |
| 7    | 1012566   | Tapered Compression Spring .....                             | 2   |   |
| 8    | 1016154   | Clip, Scorecard .....                                        | 1   |   |
| 9    | 1016214   | Pencil Grip .....                                            | 1   |   |
| 10   | N/A       | Cover, Steering Wheel, Clip .....                            | 1   |   |
| 11   | N/A       | Decal, Op Instr, Ele .....                                   | 1   |   |
| 12   | N/A       | Decal, Op Instr, Gas Ps .....                                | 1   |   |
| 13   | N/A       | Decal, Op Instr, Gas Ks .....                                | 1   |   |
| 14   | N/A       | Decal, Op Instr, Limo Ab .....                               | 1   |   |
| 15   | N/A       | Kit Instr, Steering Wheel .....                              | 1   |   |

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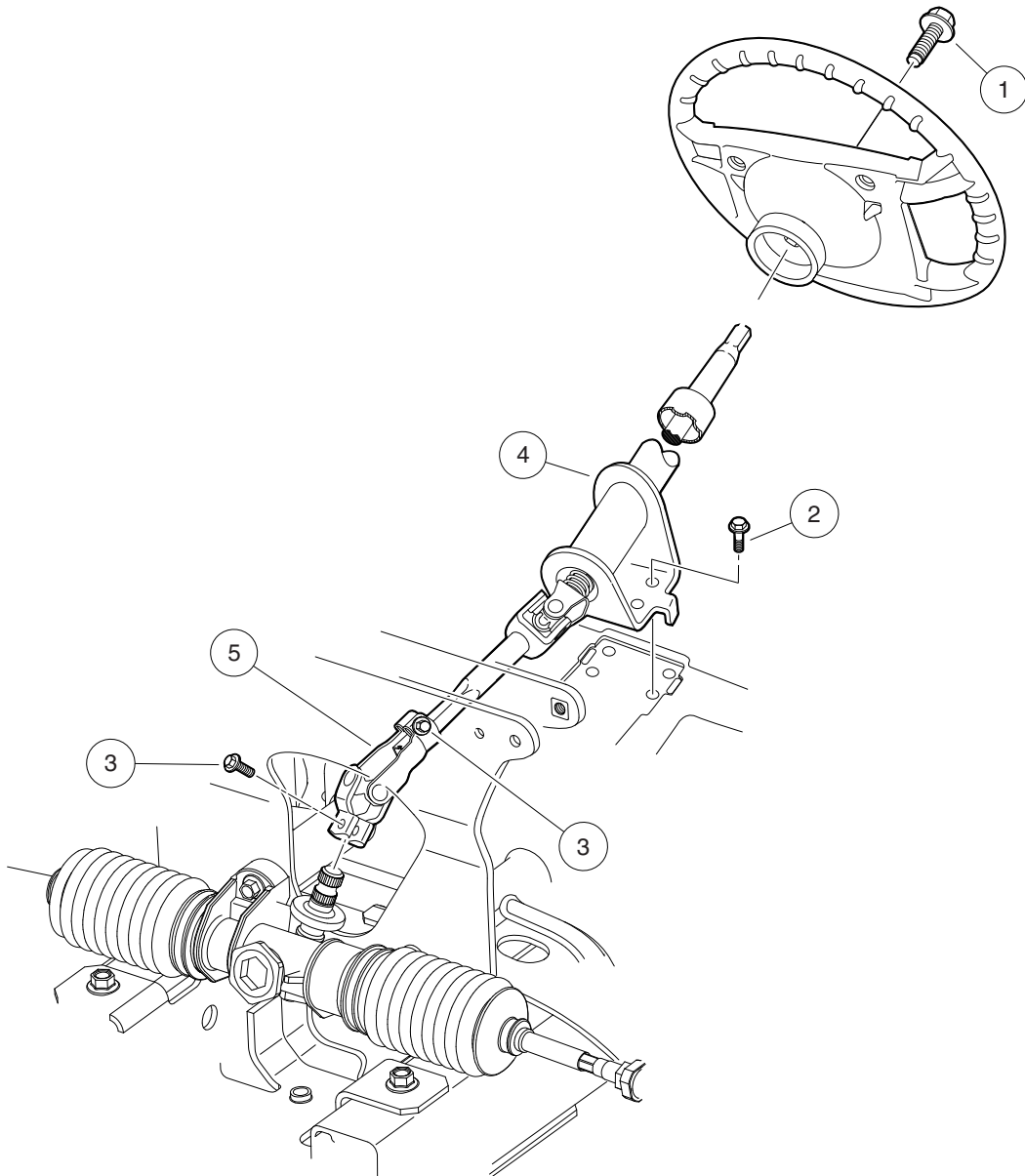
## STEERING WHEEL – PROFESSIONAL AND I2

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

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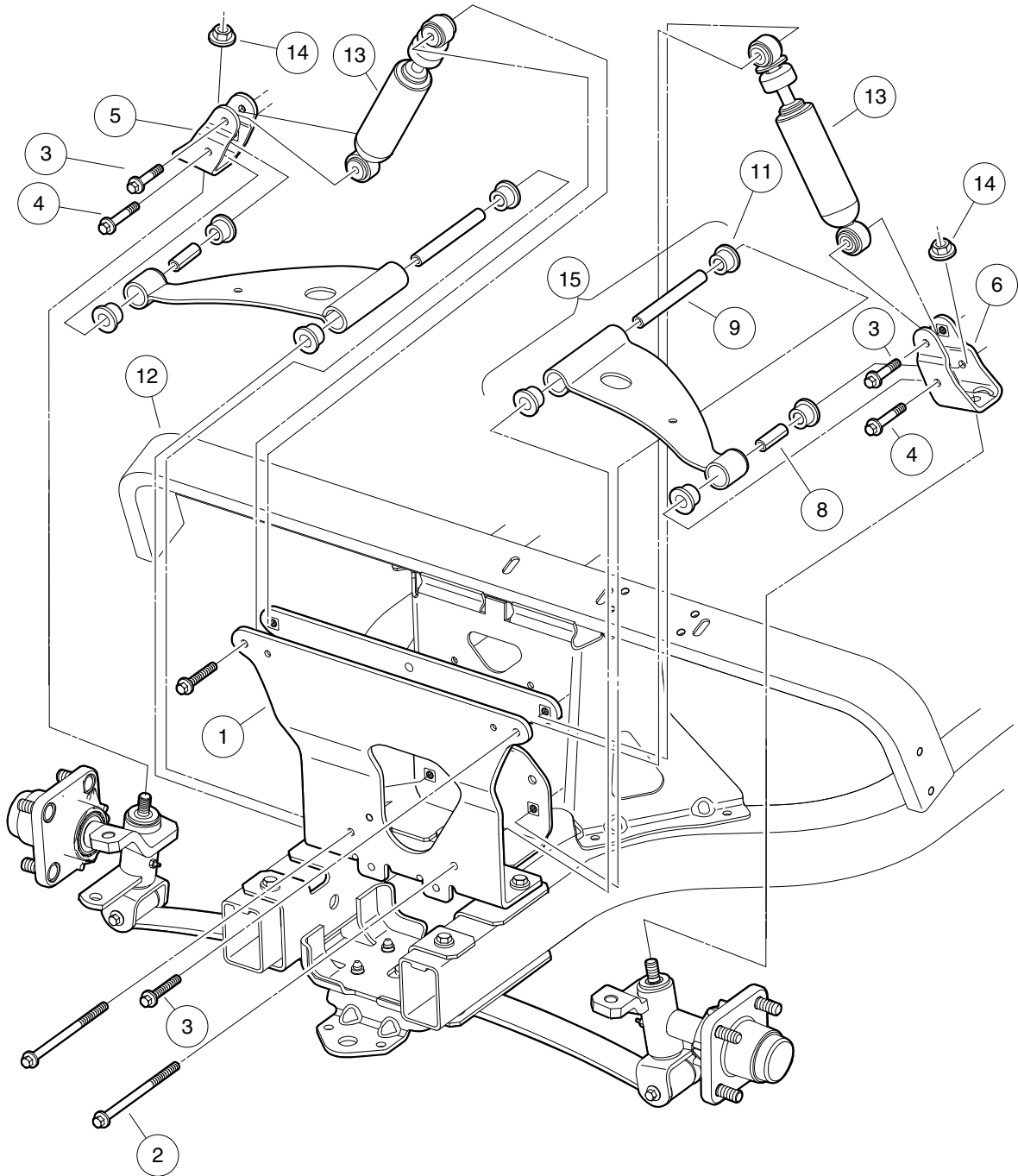


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# STEERING COLUMN

| ITEM | PART NO.  | DESCRIPTION                        | QTY | 5 |
|------|-----------|------------------------------------|-----|---|
|      |           | 1 2 3 4                            |     | G |
| 1    | 102290120 | Bolt, M10 X 20 Hex Washer Hd ..... | 1   | E |
| 2    | 102298116 | Bolt - Flanged Hd, M8 X 16.0 ..... | 4   |   |
| 3    | 102298130 | Bolt, Flange Head, M8 X 30.0 ..... | 2   |   |
| 4    | 103209501 | Assy, Steering Column, Ld .....    | 1   |   |
| 5    | 103810201 | Kit, Prec Lower Yoke, Wanda .....  | 1   |   |

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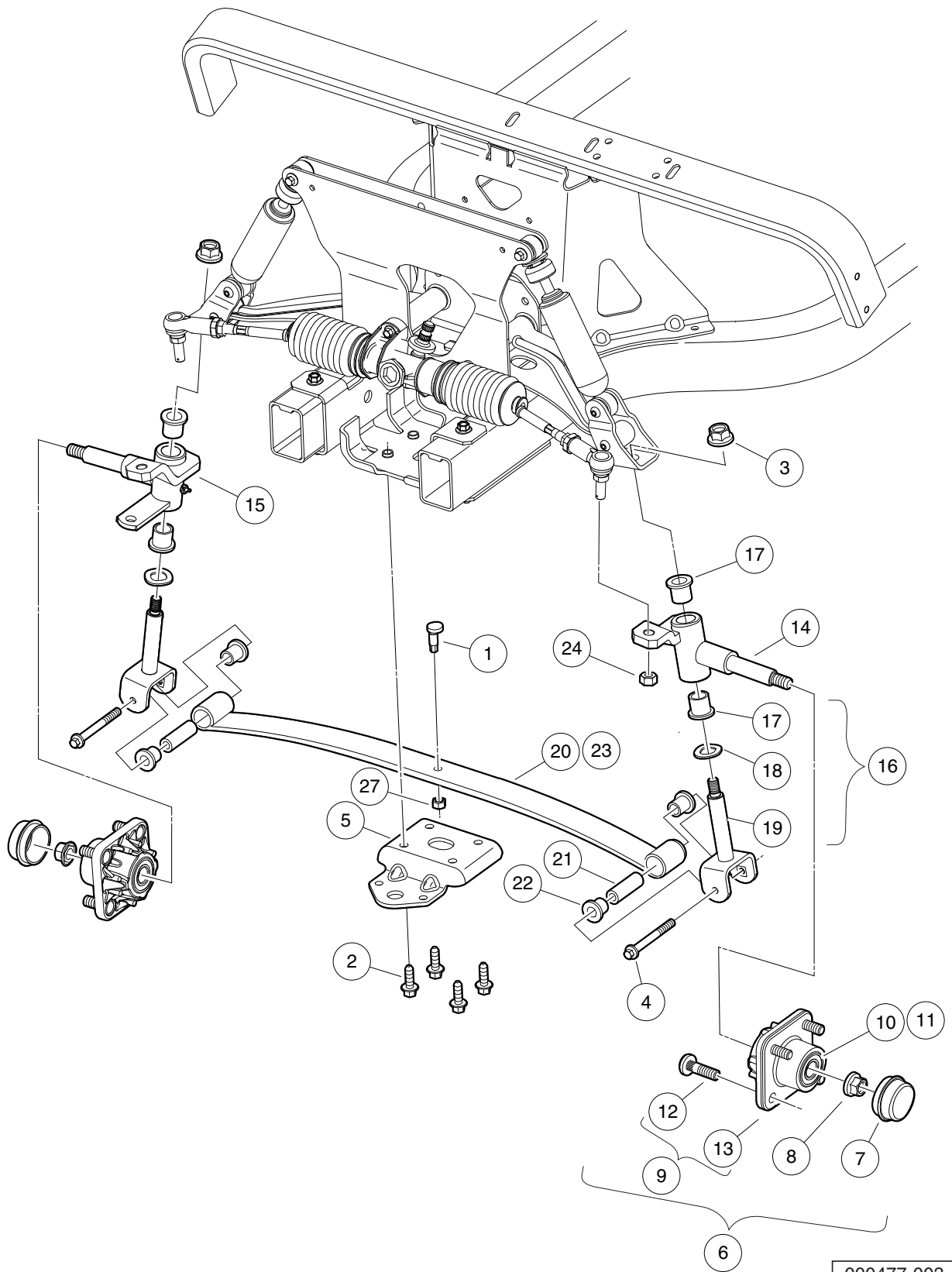
## FRONT SUSPENSION, UPPER

| ITEM                                                                                                                                                                                                            | PART NO.  | DESCRIPTION                                                   | QTY | 5<br>G<br>E |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------|-----|-------------|
|                                                                                                                                                                                                                 |           | <b>1 2 3 4</b>                                                |     |             |
| 1                                                                                                                                                                                                               | 102287101 | Assembly - Front Structure .....                              | 1   |             |
| 2                                                                                                                                                                                                               | 102288901 | Bolt - Hex, M8x1.25 X 135 .....                               | 2   |             |
| 3                                                                                                                                                                                                               | 102289401 | Screw- Hex Cap, M8 X 1.25 X 45 .....                          | 4   |             |
| 4                                                                                                                                                                                                               | 102289501 | Screw- Hex Cap, M8 X 1.25 X 70 .....                          | 2   |             |
| 5                                                                                                                                                                                                               | 102289601 | Upper Clevis Assembly - Rh .....                              | 1   |             |
| 6                                                                                                                                                                                                               | 102289701 | Upper Clevis Assembly - Lh .....                              | 1   |             |
| 7                                                                                                                                                                                                               | 102289901 | Kit, Susp, Bushing Joints (includes items 8 through 11) ..... | 1   |             |
| 8                                                                                                                                                                                                               | 102287601 | Sleeve - Rolled, Outer .....                                  | 2   |             |
| 9                                                                                                                                                                                                               | 102287701 | Sleeve - Rolled, Inner .....                                  | 2   |             |
| 10                                                                                                                                                                                                              | 102288101 | Sleeve - Rolled, Spring .....                                 | 2   |             |
| 11                                                                                                                                                                                                              | 102956201 | Bushing, Urethane, Short, Prec .....                          | 12  |             |
| 12                                                                                                                                                                                                              | 102505701 | Assembly, Dash Support .....                                  | 1   |             |
| 13                                                                                                                                                                                                              | 102588601 | Shock Absorber Front Prv Spd .....                            | 2   |             |
| 14                                                                                                                                                                                                              | 102878201 | Nut, Lock,m12,washer,conical .....                            | 2   |             |
| 15                                                                                                                                                                                                              | 103388501 | Asm, 3 Piece A-arm, Bushings .....                            | 2   |             |
| <p>Note: Item 15 includes bushings and sleeves. Item 7 (not shown) includes bushings and sleeves for control arms, and front suspension leaf spring. See lower suspension page for illustration of item 10.</p> |           |                                                               |     |             |

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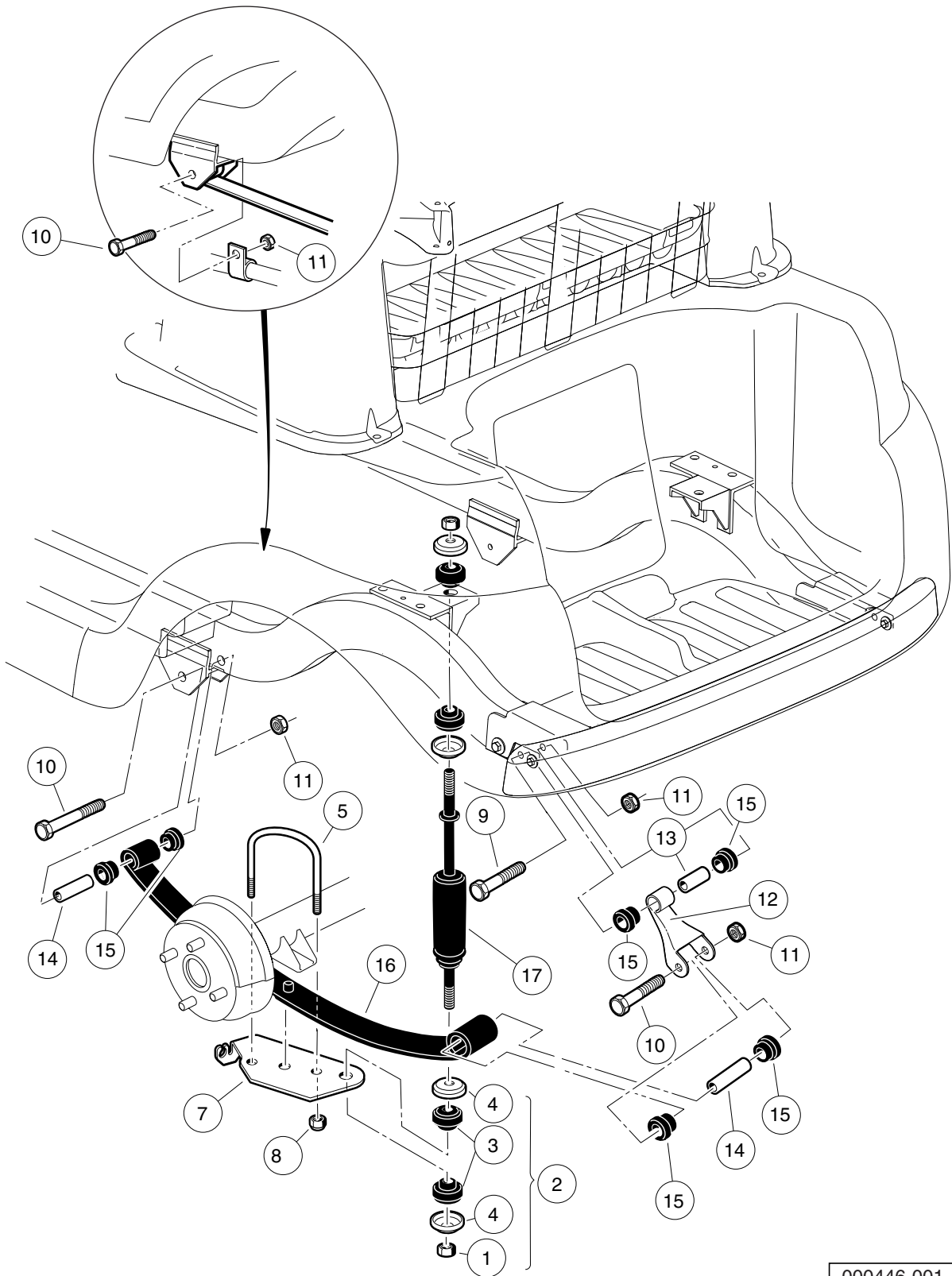
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## FRONT SUSPENSION, LOWER (STYLE B)

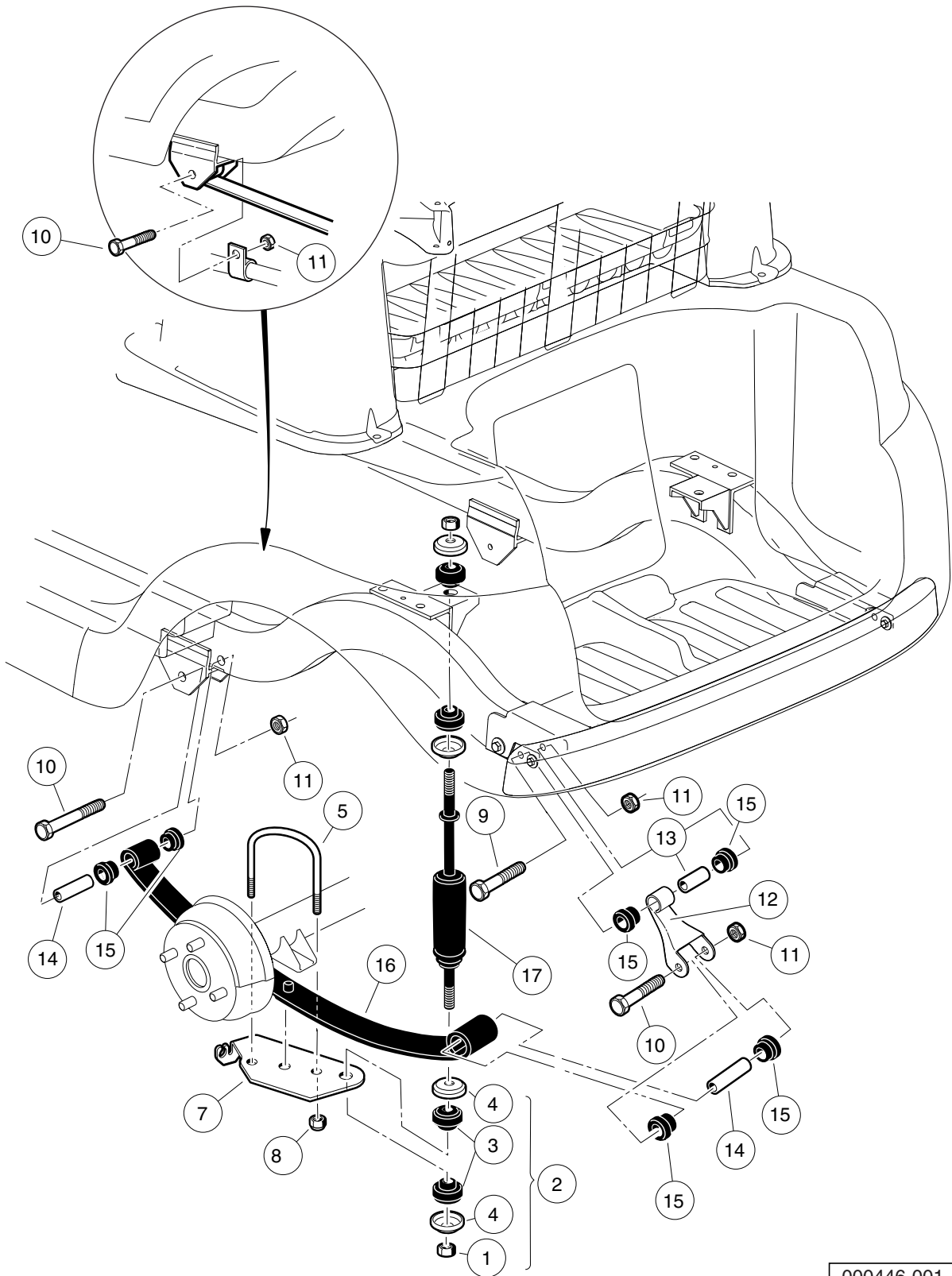
| ITEM | PART NO.  | DESCRIPTION                                                         | QTY | 5<br>G<br>E |
|------|-----------|---------------------------------------------------------------------|-----|-------------|
|      |           | <b>1 2 3 4</b>                                                      |     |             |
| 1    | N/A       | Eccentric Bolt .....                                                | 1   |             |
| 2    | 102289101 | Screw-m10x1.5, Trilob, Hex Fl .....                                 | 4   |             |
| 3    | 102289201 | Nut - Hex Locking, M12 X 1.25 .....                                 | 2   |             |
| 4    | 102289501 | Screw- Hex Cap, M8 X 1.25 X 70 .....                                | 2   |             |
| 5    | 102289801 | Clamp - Leaf Spring .....                                           | 1   |             |
| 6    | 102357701 | Replacement Kit, Front Hub (includes items 7 through 9) .....       | 1   |             |
| 7    | 102353201 | Cap, Front Hub .....                                                | 1   |             |
| 8    | 102353301 | Hex Nut, Locking Flange, M14x2 .....                                | 1   |             |
| 9    | N/A       | Asm, Front Hub, Bb, Long Stud (includes items 10 through 13) .....  | 1   |             |
| 10   | N/A       | Bearing, Ball, 6204 .....                                           | 2   |             |
| 11   | N/A       | Spacer, Bearing, Front Hub, Pm .....                                | 1   |             |
| 12   | 103477901 | Lug Stud, 1/2-20 Unf, 4037 .....                                    | 4   |             |
| 13   | N/A       | Front Hub, Ball Brg, Long Stud .....                                | 1   |             |
| 14   | 103638701 | Asm, Spindle-bushings, Lh .....                                     | 1   |             |
| 15   | 103638702 | Asm, Spindle-bushings, Rh .....                                     | 1   |             |
| 16   | 103638801 | Kit, King Pin Joints, Prec (includes items 17 through 19) .....     | 1   |             |
| 17   | 102288201 | Bushing - Flanged .....                                             | 4   |             |
| 18   | 102288401 | Wave Washer - Kingpin .....                                         | 2   |             |
| 19   | 103638601 | Asm, King Pin, M12 .....                                            | 2   |             |
| 20   | 103711001 | Asm, Spring, Leaf, Front, Prec (includes items 21 through 23) ..... | 1   |             |
| 21   | 102288101 | Sleeve - Rolled, Spring .....                                       | 2   |             |
| 22   | 102956201 | Bushing, Urethane, Short, Prec .....                                | 4   |             |
| 23   | N/A       | Spring, 1 Leaf, Front .....                                         | 1   |             |
| 24   | 706       | Nut, Hex 3/8-16 .....                                               | 1   |             |

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## REAR SUSPENSION – GASOLINE VEHICLE

| ITEM | PART NO.  | DESCRIPTION                                                | QTY | 5<br>G<br>E |
|------|-----------|------------------------------------------------------------|-----|-------------|
|      |           | <b>1 2 3 4</b>                                             |     |             |
| 1    | 1010145   | Nut, 3/8-24 Hex .....                                      | 4   |             |
| 2    | 1011415   | Kit, Shock Absorber Cushion (includes items 3 and 4) ..... | 2   |             |
| 3    | 1010142   | Cushion, Shock Absorber .....                              | 2   |             |
| 4    | 1010144   | Retainer, Shock Absorber Cushion .....                     | 2   |             |
| 5    | 1012180   | U-Bolt .....                                               | 2   |             |
| 6    | 1012181   | Bracket, Shock Mounting, Right (Passenger) .....           | 1   |             |
| 7    | 1012182   | Bracket, Shock Mounting, Left (Driver) .....               | 1   |             |
| 8    | 1014555   | Locknut, 7/16-14 Nylon Hex .....                           | 4   |             |
| 9    | 102298170 | Bolt - Flange Hd, M8 X 70.0 .....                          | 2   |             |
| 10   | 102298185 | Bolt - Flange Hd, M8 X 85.0 .....                          | 4   |             |
| 11   | 102298401 | Nut,m8,all Metal Lock .....                                | 6   |             |
| 12   | 102506201 | Shackle - Rear .....                                       | 2   |             |
| 13   | 102506301 | Sleeve - Shackle Upper .....                               | 2   |             |
| 14   | 102506401 | Sleeve - Spring Eye Mounts .....                           | 4   |             |
| 15   | 102506601 | Bushing - Urethane .....                                   | 12  |             |
| 16   | 102513001 | Rear Leaf Spring, Gas .....                                | 2   |             |
| 17   | 102588501 | Shock Absorber Rear Prv Spd .....                          | 2   |             |

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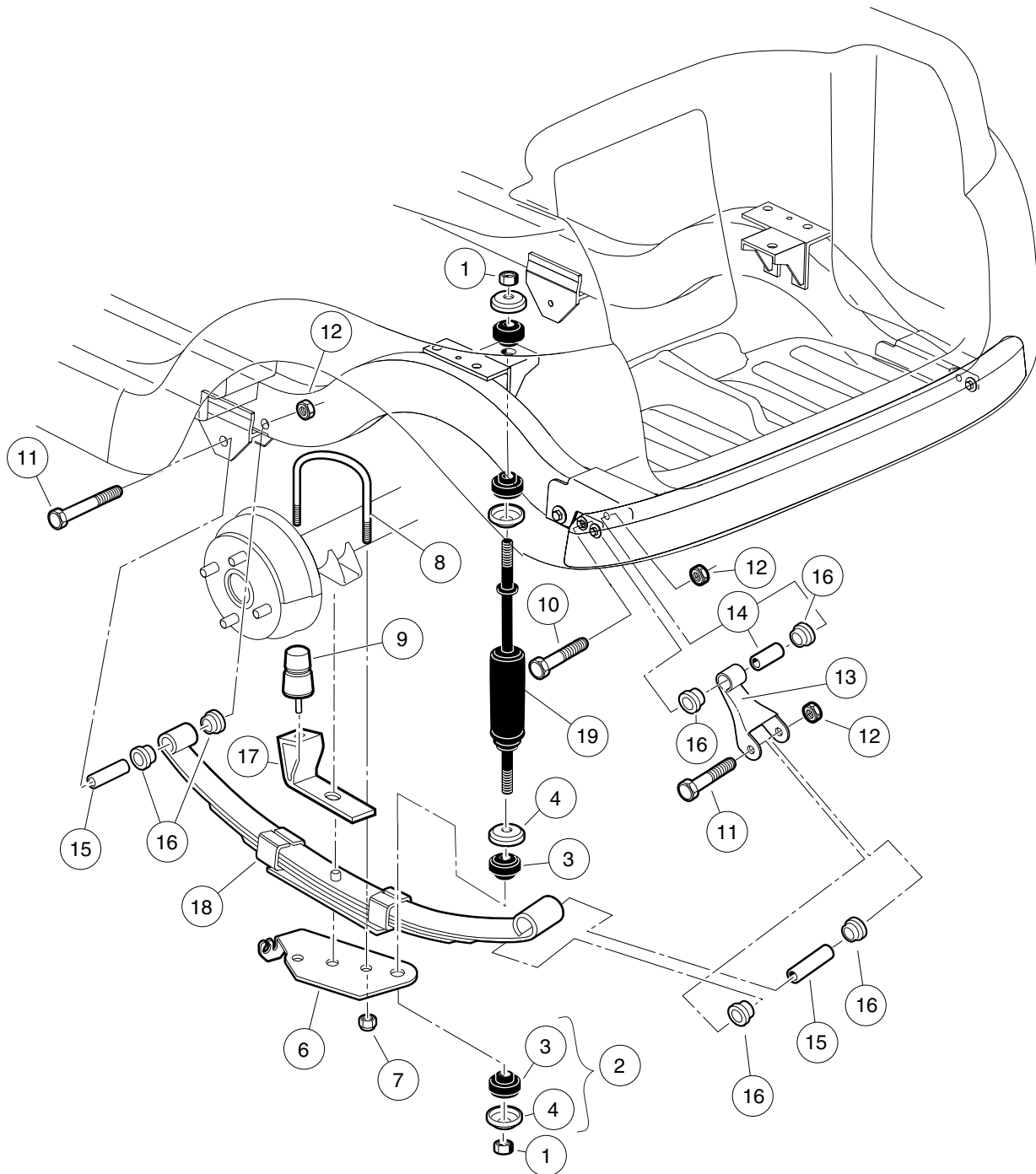
## REAR SUSPENSION – ELECTRIC VEHICLE

| ITEM | PART NO.  | DESCRIPTION                                                | QTY | 5<br>G<br>E |
|------|-----------|------------------------------------------------------------|-----|-------------|
|      |           | <b>1 2 3 4</b>                                             |     |             |
| 1    | 1010145   | Nut, 3/8-24 Hex .....                                      | 4   |             |
| 2    | 1011415   | Kit, Shock Absorber Cushion (includes items 3 and 4) ..... | 2   |             |
| 3    | 1010142   | Cushion, Shock Absorber .....                              | 2   |             |
| 4    | 1010144   | Retainer, Shock Absorber Cushion .....                     | 2   |             |
| 5    | 1012180   | U-Bolt .....                                               | 2   |             |
| 6    | 1012181   | Bracket, Shock Mounting, Right (Passenger) .....           | 1   |             |
| 7    | 1012182   | Bracket, Shock Mounting, Left (Driver) .....               | 1   |             |
| 8    | 1014555   | Locknut, 7/16-14 Nylon Hex .....                           | 4   |             |
| 9    | 102298170 | Bolt - Flange Hd, M8 X 70.0 .....                          | 2   |             |
| 10   | 102298185 | Bolt - Flange Hd, M8 X 85.0 .....                          | 4   |             |
| 11   | 102298401 | Nut,m8,all Metal Lock .....                                | 6   |             |
| 12   | 102506201 | Shackle - Rear .....                                       | 2   |             |
| 13   | 102506301 | Sleeve - Shackle Upper .....                               | 2   |             |
| 14   | 102506401 | Sleeve - Spring Eye Mounts .....                           | 4   |             |
| 15   | 102506601 | Bushing - Urethane .....                                   | 12  |             |
| 16   | 102509301 | Rear Leaf Spring, Elec .....                               | 2   |             |
| 17   | 102588501 | Shock Absorber Rear Prv Spd .....                          | 2   |             |

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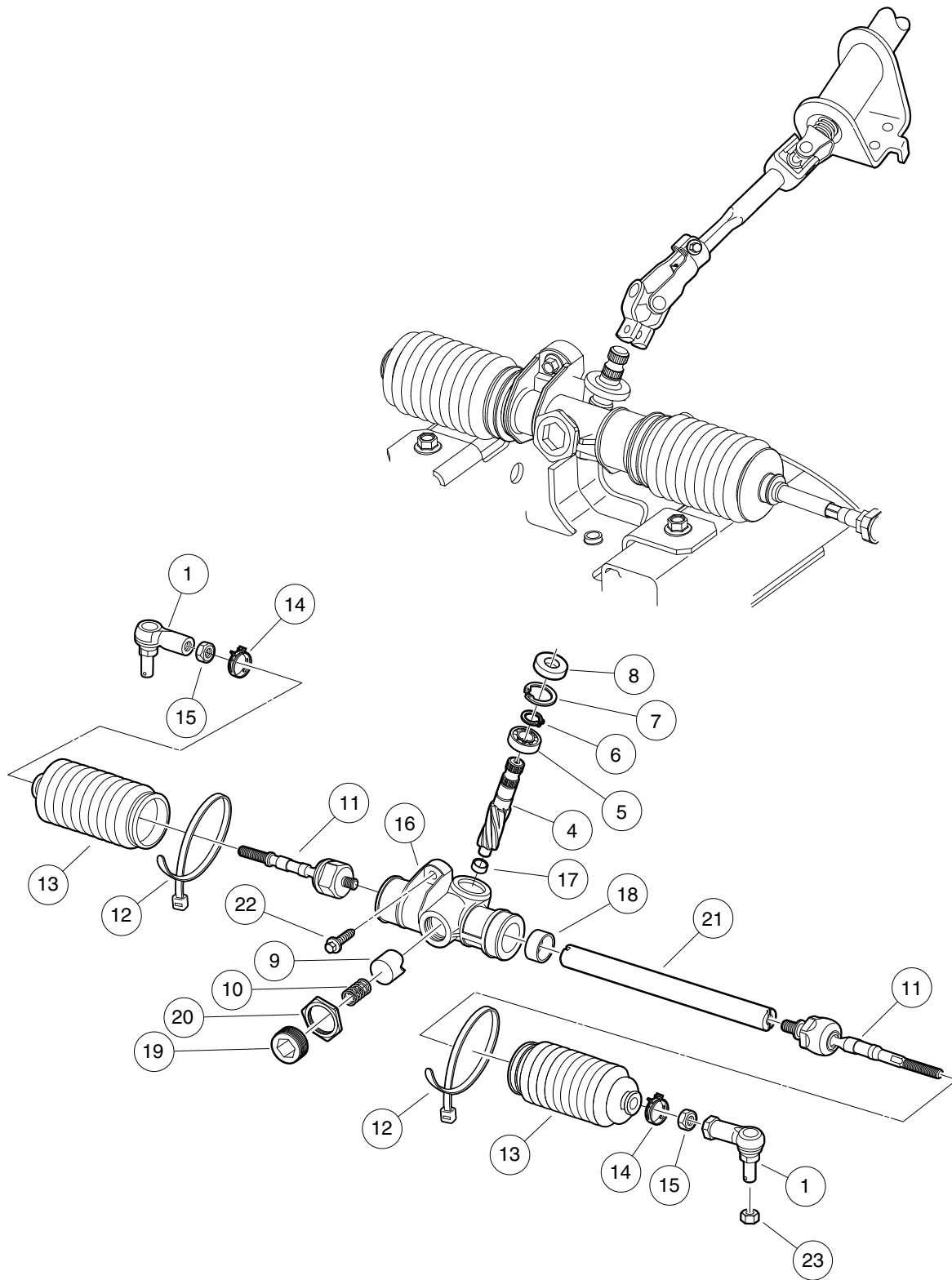
# **REAR SUSPENSION – PRECEDENT VILLAGER 4 AND I2 4 PASSENGER**

| ITEM | PART NO.  | DESCRIPTION                                                | QTY | 5<br>G<br>E |
|------|-----------|------------------------------------------------------------|-----|-------------|
|      |           | <b>1 2 3 4</b>                                             |     |             |
| 1    | 1010145   | Nut, 3/8-24 Hex .....                                      | 4   |             |
| 2    | 1011415   | Kit, Shock Absorber Cushion (includes items 3 and 4) ..... | 2   |             |
| 3    | 1010142   | Cushion, Shock Absorber .....                              | 2   |             |
| 4    | 1010144   | Retainer, Shock Absorber Cushion .....                     | 2   |             |
| 5    | 1012181   | Bracket, Shock Mounting, Right (Passenger) .....           | 1   |             |
| 6    | 1012182   | Bracket, Shock Mounting, Left (Driver) .....               | 1   |             |
| 7    | 1014555   | Locknut, 7/16-14 Nylon Hex .....                           | 4   |             |
| 8    | 1014902   | U-Bolt .....                                               | 2   |             |
| 9    | 1017235   | Bumper, Jounce .....                                       | 2   |             |
| 10   | 102298170 | Bolt - Flange Hd, M8 X 70.0 .....                          | 2   |             |
| 11   | 102298185 | Bolt - Flange Hd, M8 X 85.0 .....                          | 4   |             |
| 12   | 102298401 | Nut,m8,all Metal Lock .....                                | 6   |             |
| 13   | 102506201 | Shackle - Rear .....                                       | 2   |             |
| 14   | 102506301 | Sleeve - Shackle Upper .....                               | 2   |             |
| 15   | 102506401 | Sleeve - Spring Eye Mounts .....                           | 4   |             |
| 16   | 102506601 | Bushing - Urethane .....                                   | 12  |             |
| 17   | 102534801 | Jounce Bumper Bracket .....                                | 2   |             |
| 18   | 102544901 | Spril, Leaf, Rear .....                                    | 2   |             |
| 19   | 102588501 | Shock Absorber Rear Prv Spd .....                          | 2   |             |

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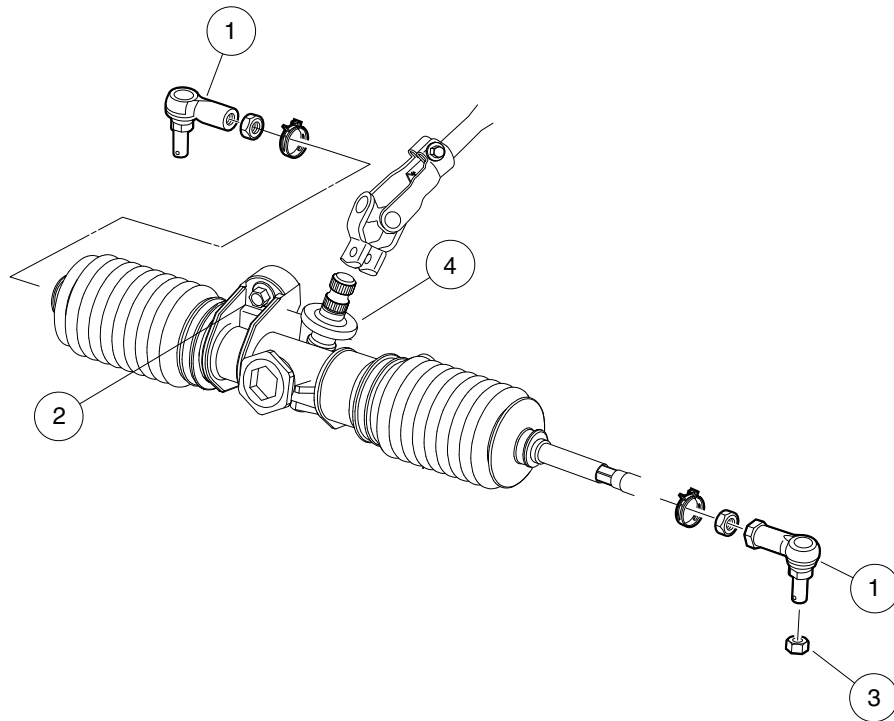
# STEERING GEAR ASSEMBLY (STYLE B)

| ITEM | PART NO.  | DESCRIPTION                                                      | QTY | 5 |
|------|-----------|------------------------------------------------------------------|-----|---|
|      |           | 1 2 3 4                                                          |     | G |
| 1    | 102022601 | End, Tie Rod M12 X 1.25 Rh .....                                 | 2   | E |
| 2    | 102288601 | Steering Gear Box Assembly (includes items 3 through 21) .....   | 1   |   |
| 3    | 102564901 | 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    | 102565101 | Ring, C-type, Stop, Prec .....                                   | 1   |   |
| 8    | 102565201 | Seal, Dust, Steering, Pinion .....                               | 1   |   |
| 9    | 102565301 | Yoke, Support .....                                              | 1   |   |
| 10   | 102565401 | Spring, Yoke, Prec .....                                         | 1   |   |
| 11   | 102565701 | Assy, Ball Joint, Inner, Prec .....                              | 2   |   |
| 12   | 102565801 | Wrap, Tie, Steel, Prec .....                                     | 2   |   |
| 13   | 102565901 | Bellows, Steering .....                                          | 2   |   |
| 14   | 102566001 | Clip, Steering, Prec .....                                       | 2   |   |
| 15   | 102566101 | 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   | 102289001 | Screw, M8X1.25X30, Hex .....                                     | 3   |   |
| 23   | 102289201 | Nut - Hex Locking, M12 X 1.25 .....                              | 2   |   |

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STEERING GEAR ASSEMBLY

| ITEM | PART NO.  | DESCRIPTION                         | QTY |
|------|-----------|-------------------------------------|-----|
|      |           | 1 2 3 4                             |     |
| 1    | 102022601 | End, Tie Rod M12 X 1.25 Rh .....    | 2   |
| 2    | 102289001 | Screw, M8X1.25X30, Hex .....        | 3   |
| 3    | 102289201 | Nut - Hex Locking, M12 X 1.25 ..... | 2   |
| 4    | 103679701 | Asm, Rack & Pinion, Precedent ..... | 1   |

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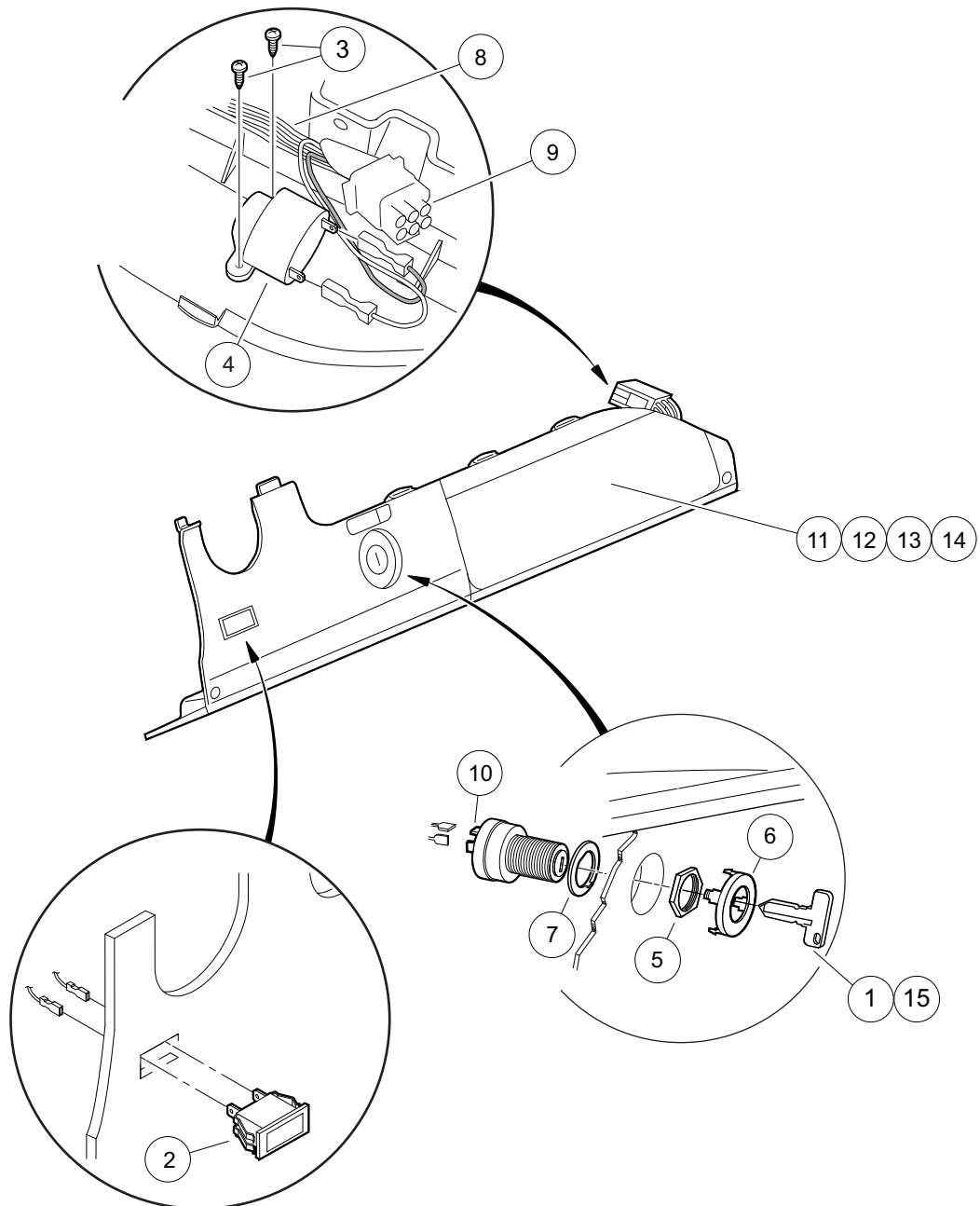


# ELECTRICAL SYSTEM – GASOLINE VEHICLE

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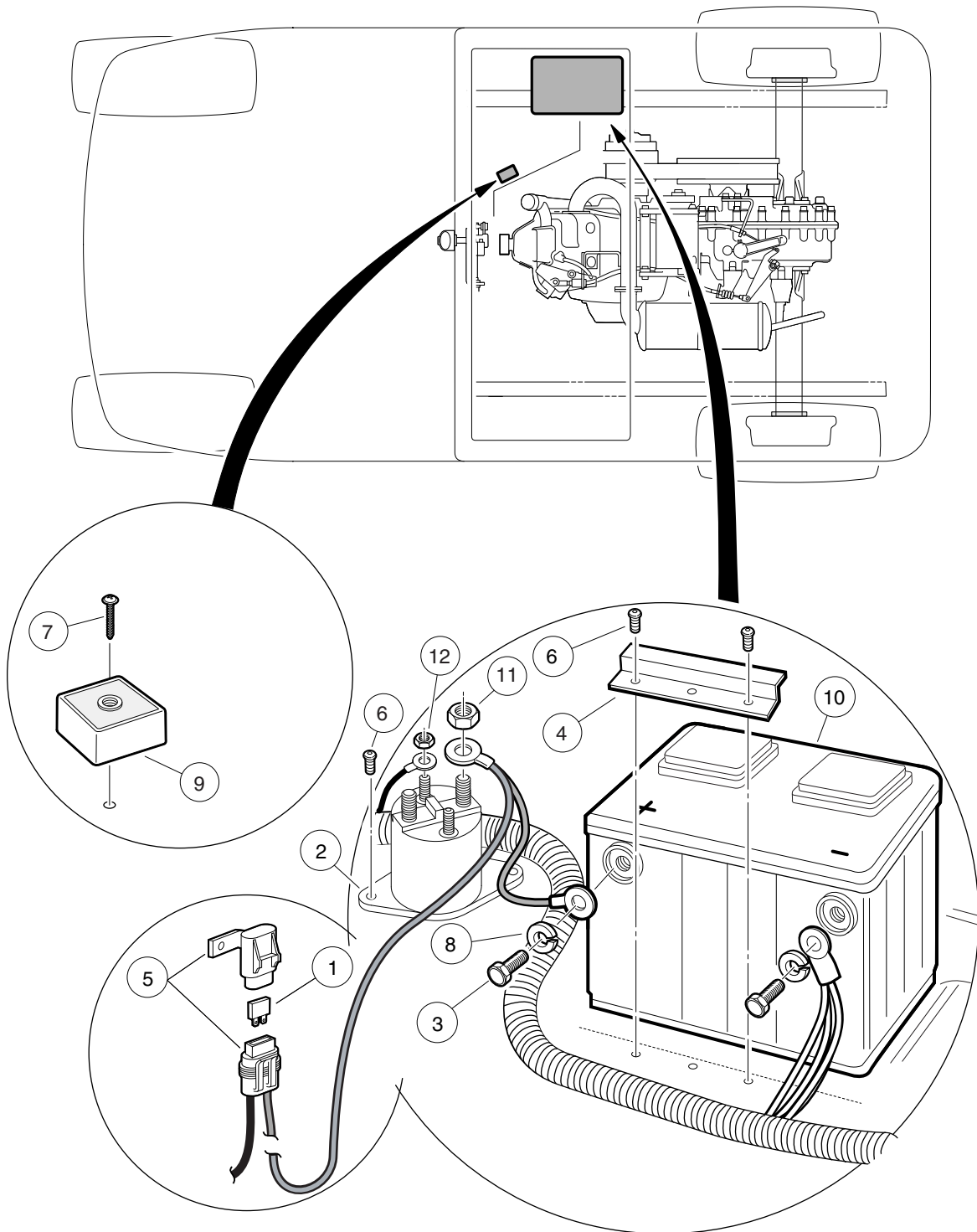
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# ELECTRICAL COMPONENTS, FRONT BODY – GASOLINE VEHICLE

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

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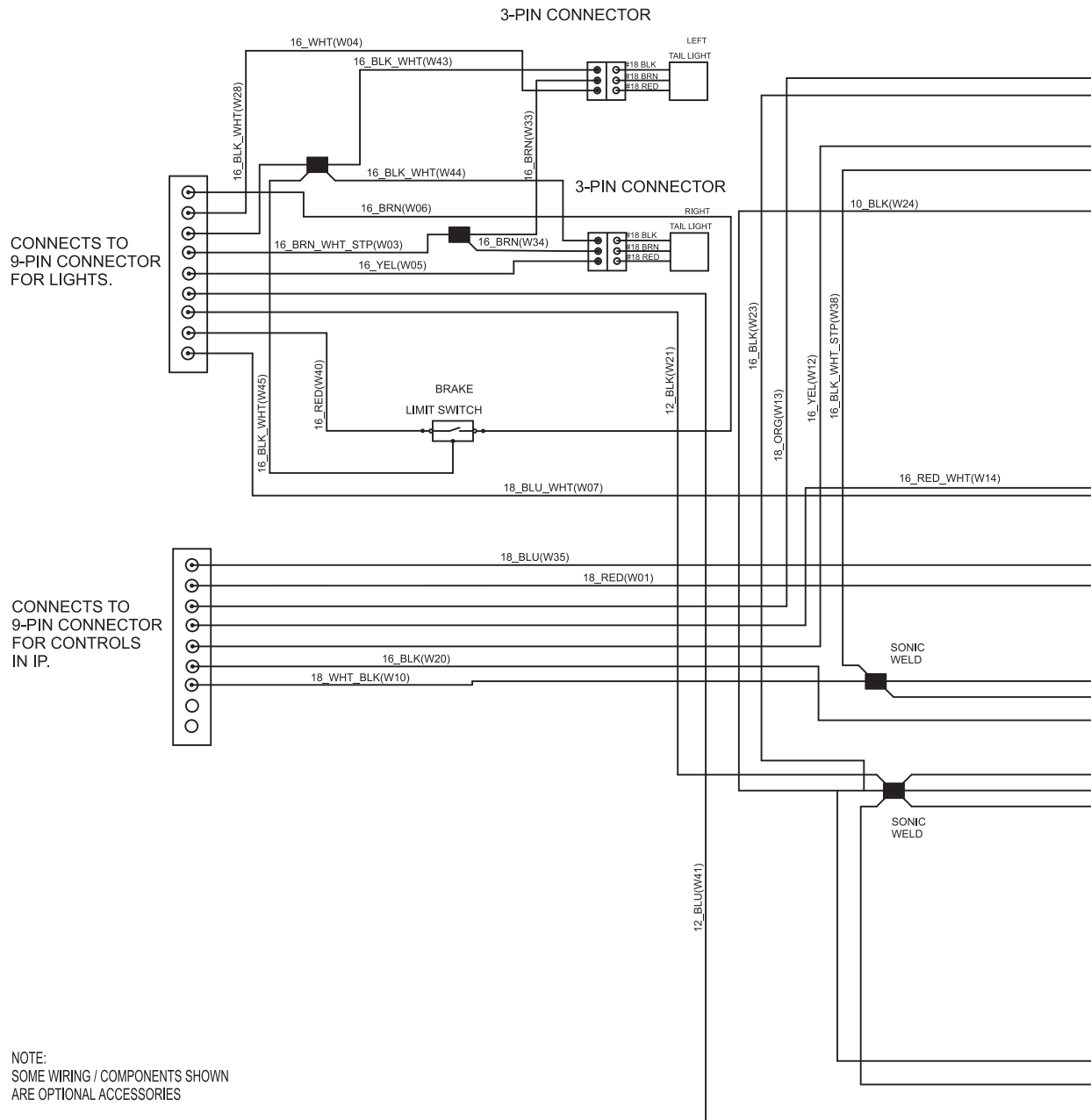
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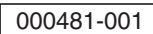
000479-001

## BATTERY – GASOLINE VEHICLE

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



000481-001



See previous two pages for illustration.

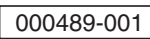


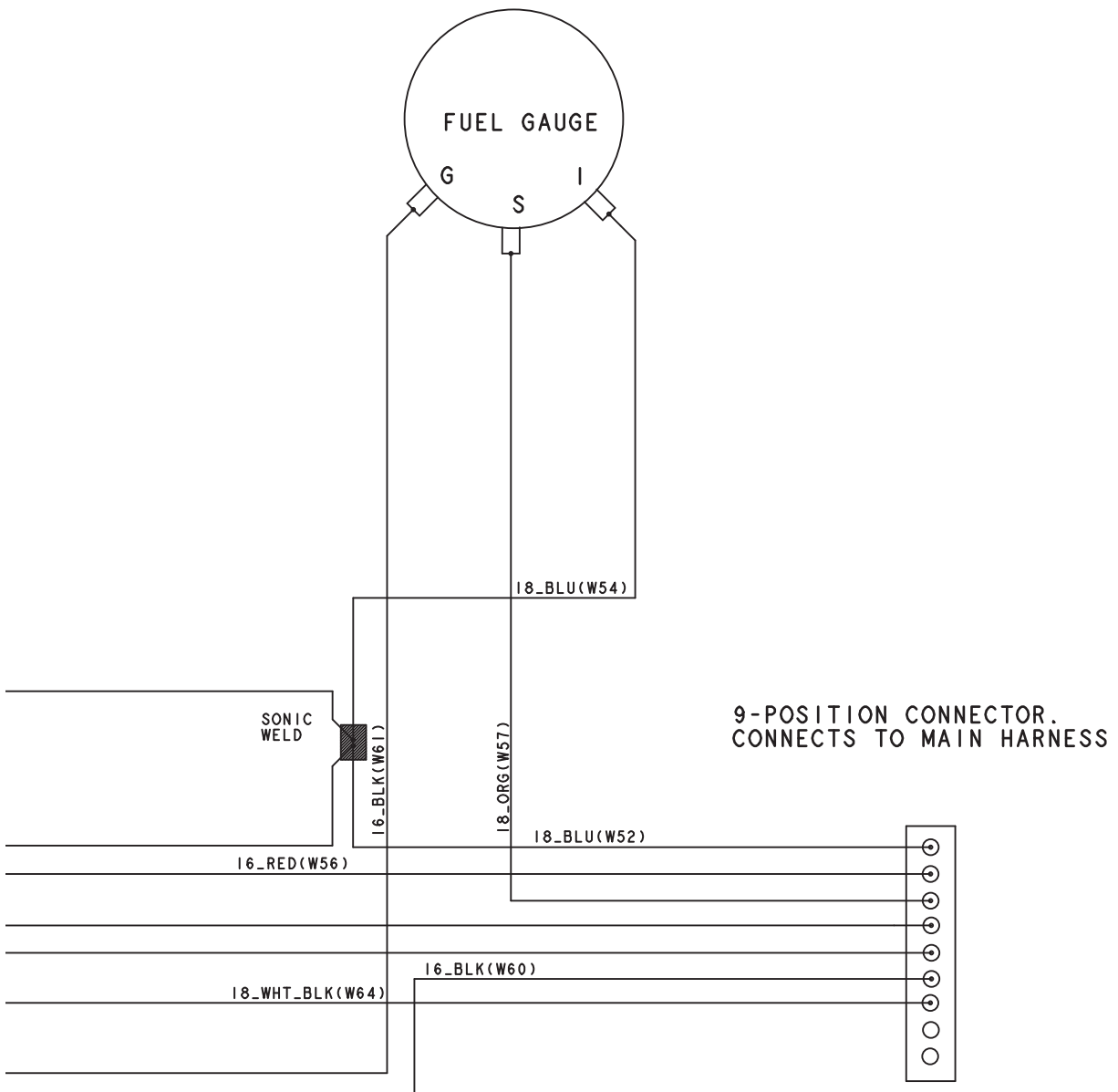
# WIRING – GASOLINE VEHICLE

| ITEM | PART NO.  | DESCRIPTION                                           | QTY |
|------|-----------|-------------------------------------------------------|-----|
| 1    | 102586201 | <div>1 2 3 4</div> <div>Main Harness, Gas .....</div> | 1   |

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000489-001

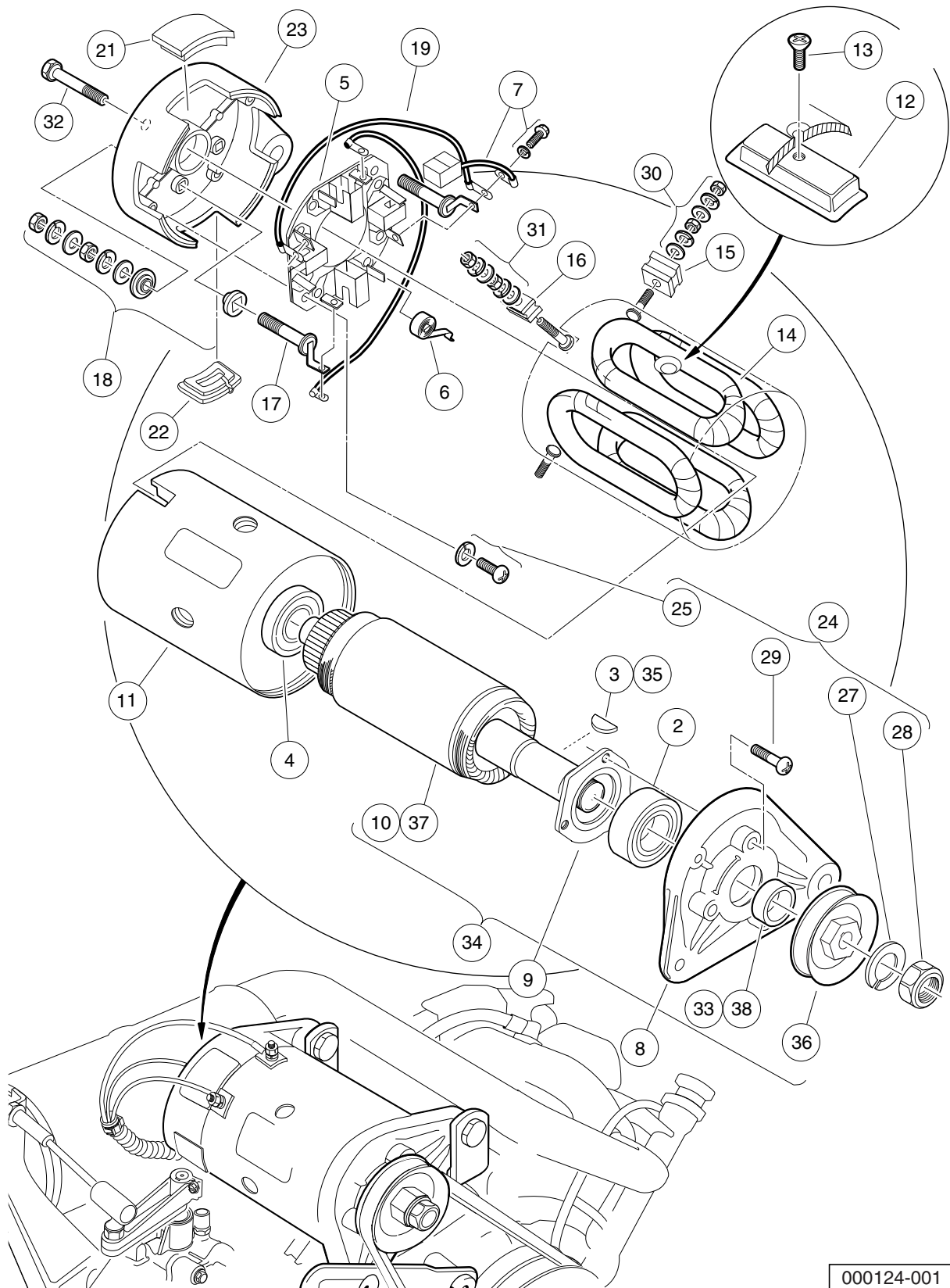
See previous two pages for illustration.

INSTRUMENT PANEL WIRE HARNESS

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

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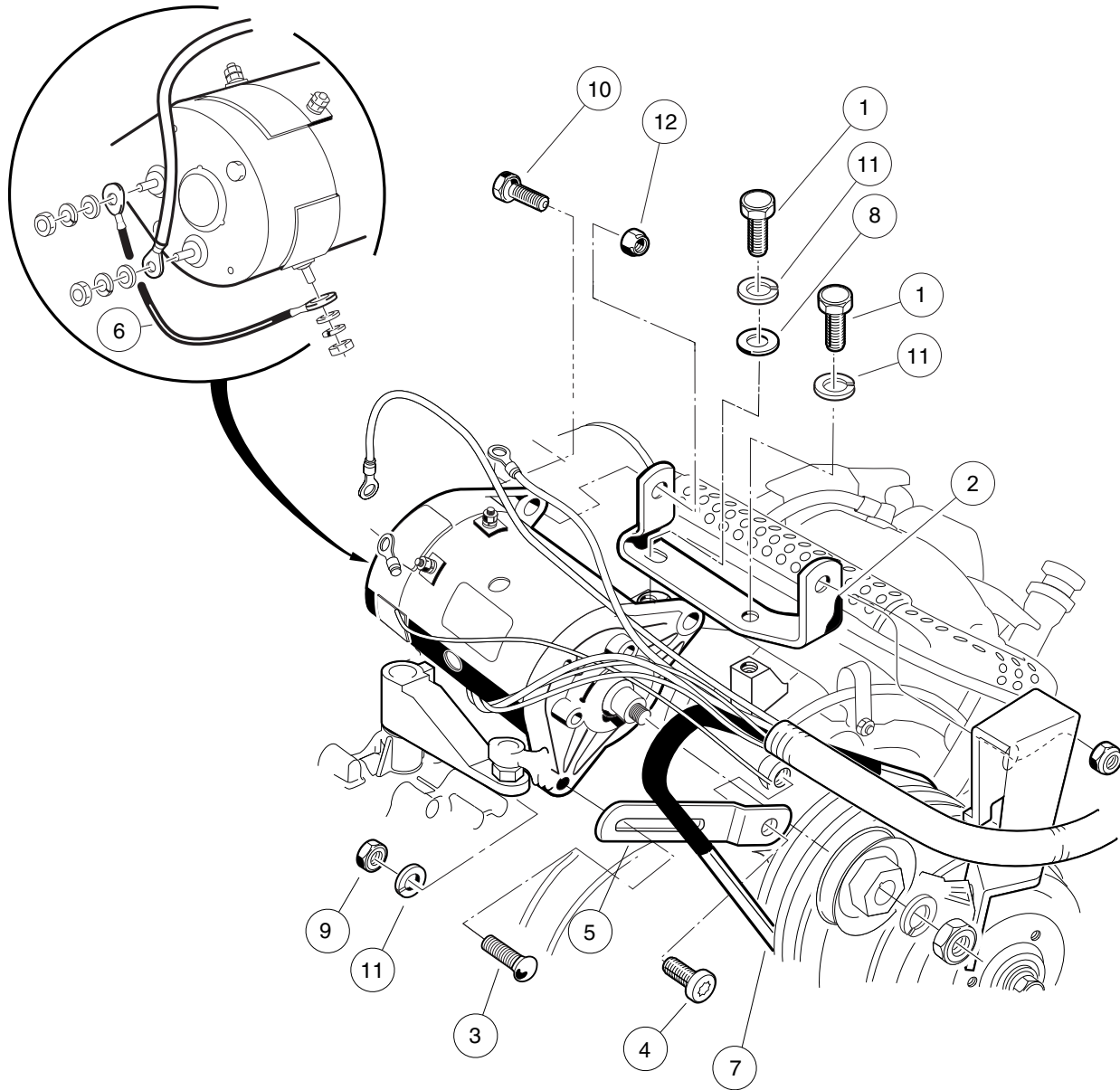
000124-001

# STARTER/GENERATOR ASSEMBLY MODEL G425419 – GASOLINE VEHICLES

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

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000238-004



## STARTER/GENERATOR MOUNTING – FE350

| ITEM | PART NO.  | DESCRIPTION                                 | QTY | 6 |
|------|-----------|---------------------------------------------|-----|---|
|      |           | 1 2 3 4                                     |     | G |
| 1    | 1012830   | Screw, M8-125 X 22 Hex-Head .....           | 2   |   |
| 2    | 101524002 | Bracket, Starter/Generator Mounting .....   | 1   |   |
| 3    | 1015932   | Bolt, Carriage, 5/16-18 .....               | 1   |   |
| 4    | 1016074   | Screw, M8-1.25 X 18mm Torx .....            | 1   |   |
| 5    | 1016883   | Bracket, Starter/Generator Adjustment ..... | 1   |   |
| 6    | 101837301 | Wire Assy, #6 Green .....                   | 1   |   |
| 7    | 101916701 | V-Belt .....                                | 1   |   |
| 8    | 1241      | Washer, 5/16 Type A Flat .....              | 1   |   |
| 9    | 1242      | Nut, 5/16-18 Hex .....                      | 1   |   |
| 10   | 1624      | Screw, 3/8-16 X 1.50 Hex-Head Cap .....     | 2   |   |
| 11   | 7174      | Lockwasher, 5/16 Split .....                | 3   |   |
| 12   | 8754      | Locknut, 3/8-16 Hex .....                   | 2   |   |

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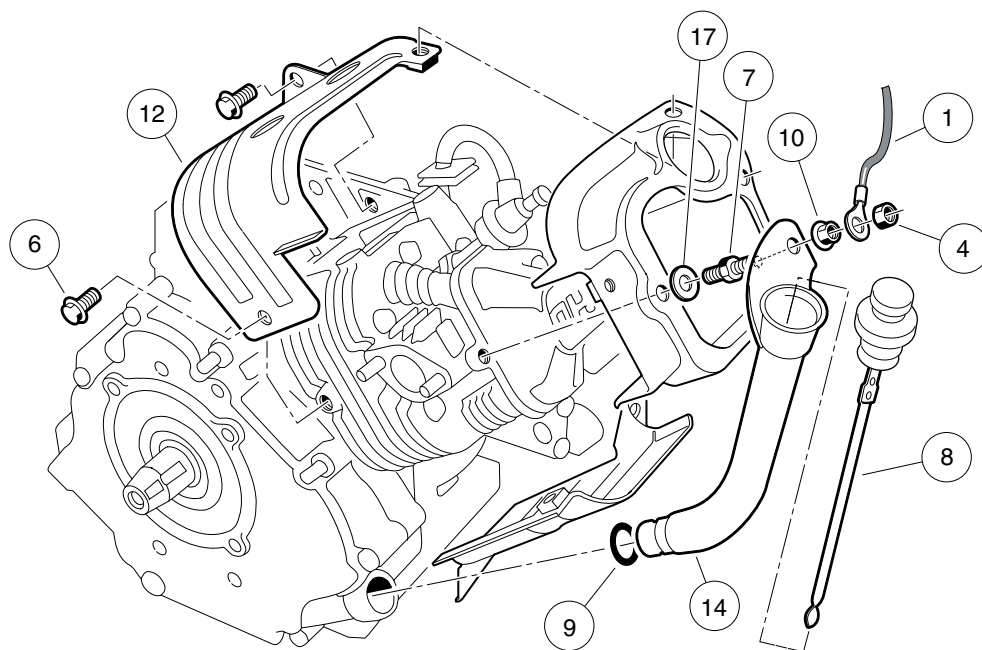
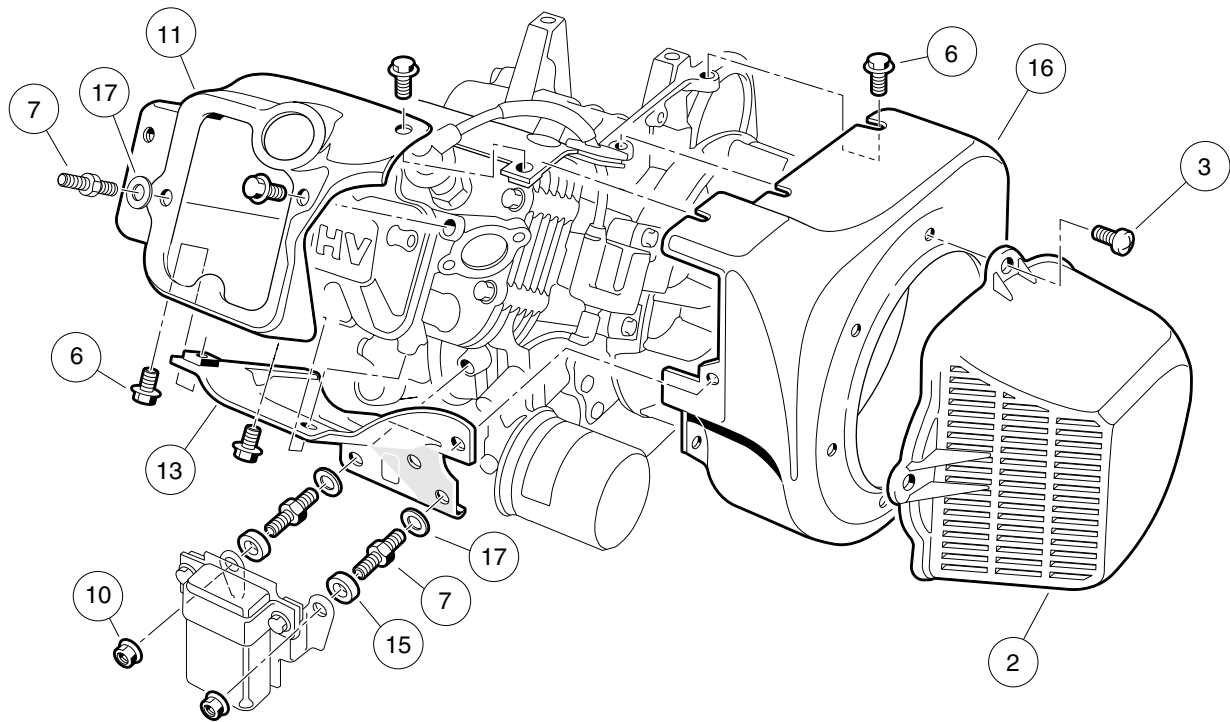
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# AS11 FE350 ENGINE

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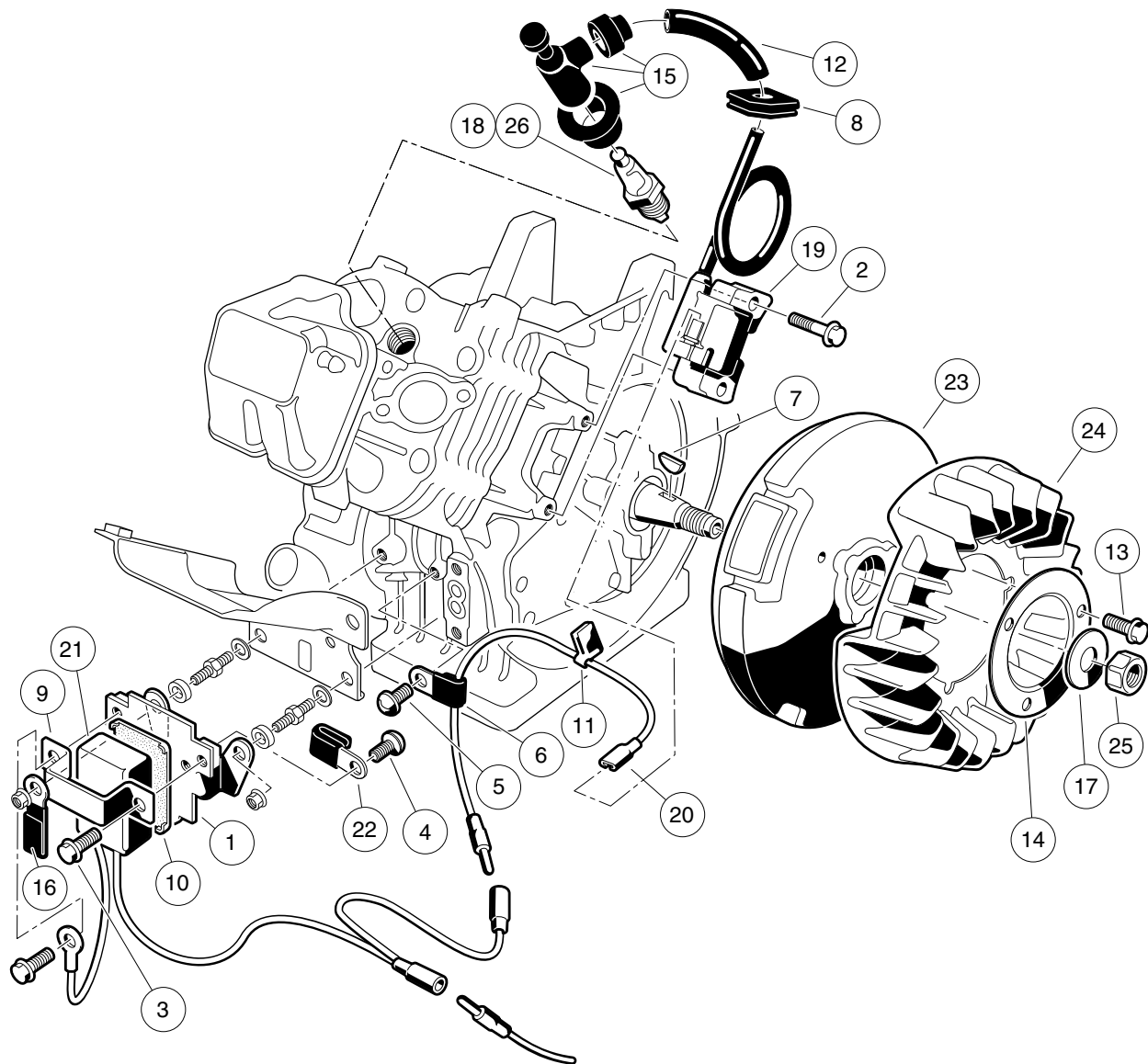
000201-001

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

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

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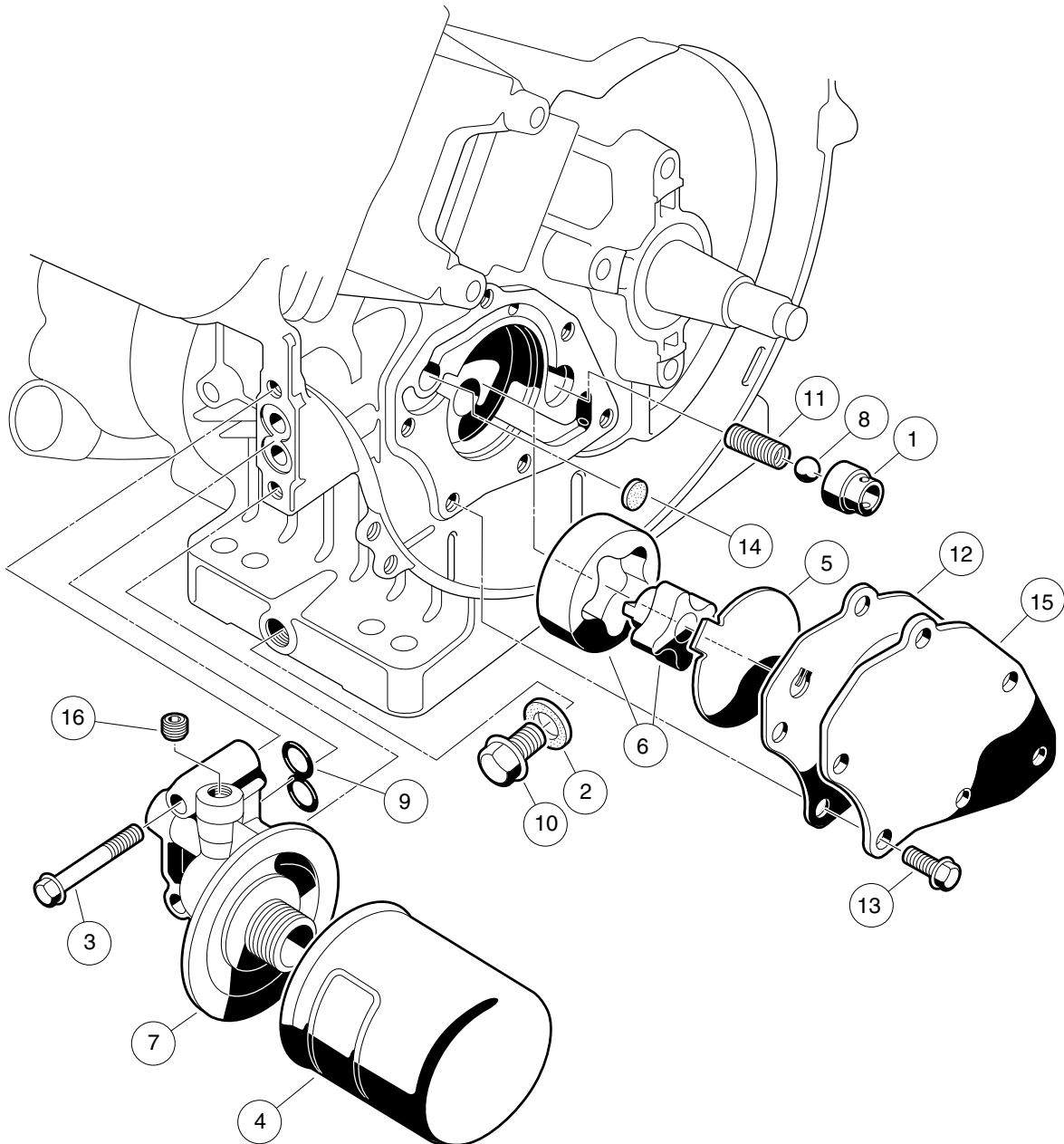
000202-001

# AS11 FE350 ENGINE – IGNITION COMPONENTS AND FLYWHEEL

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

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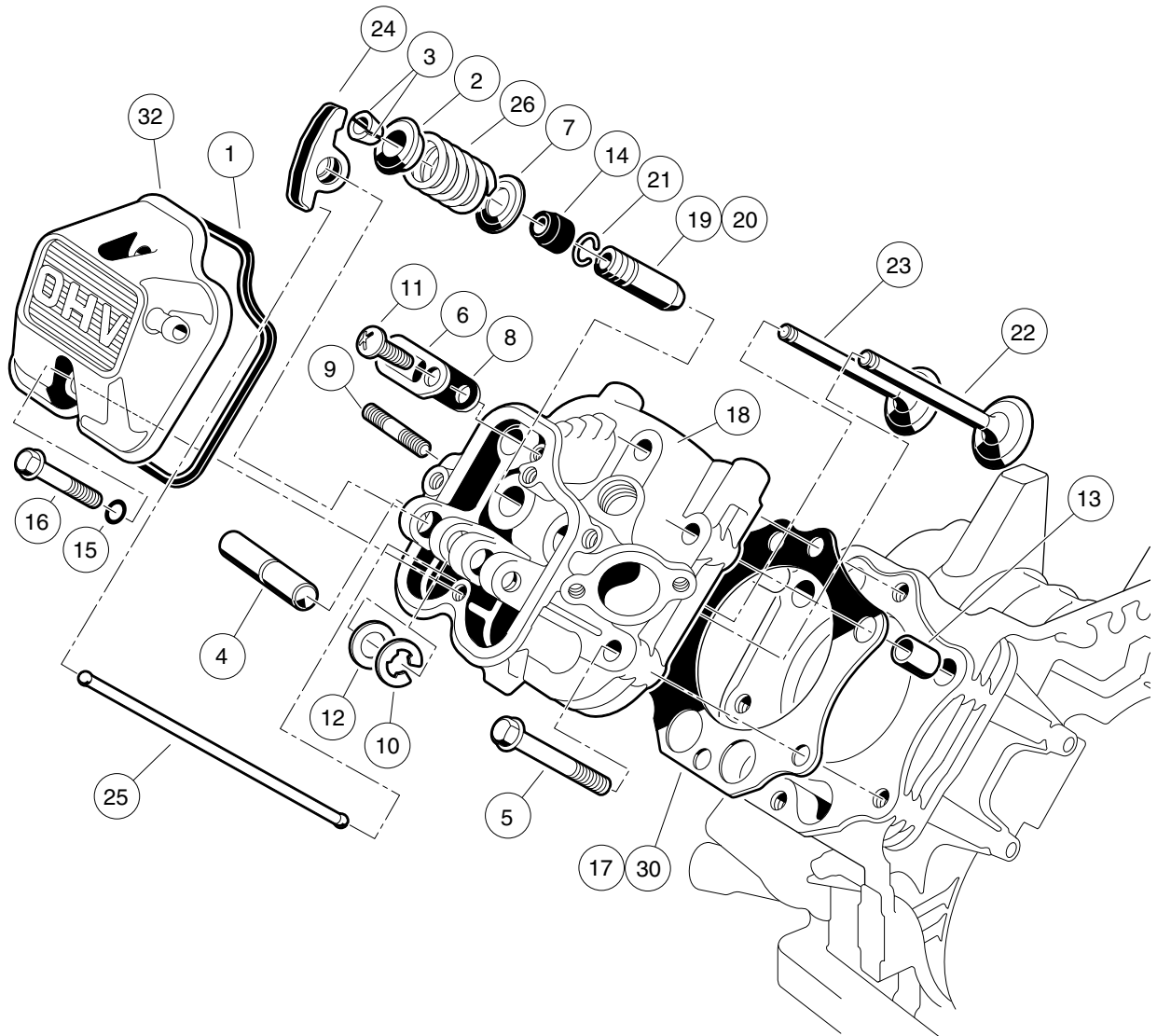


000203-001



## FE350 ENGINE – OIL CIRCULATION

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



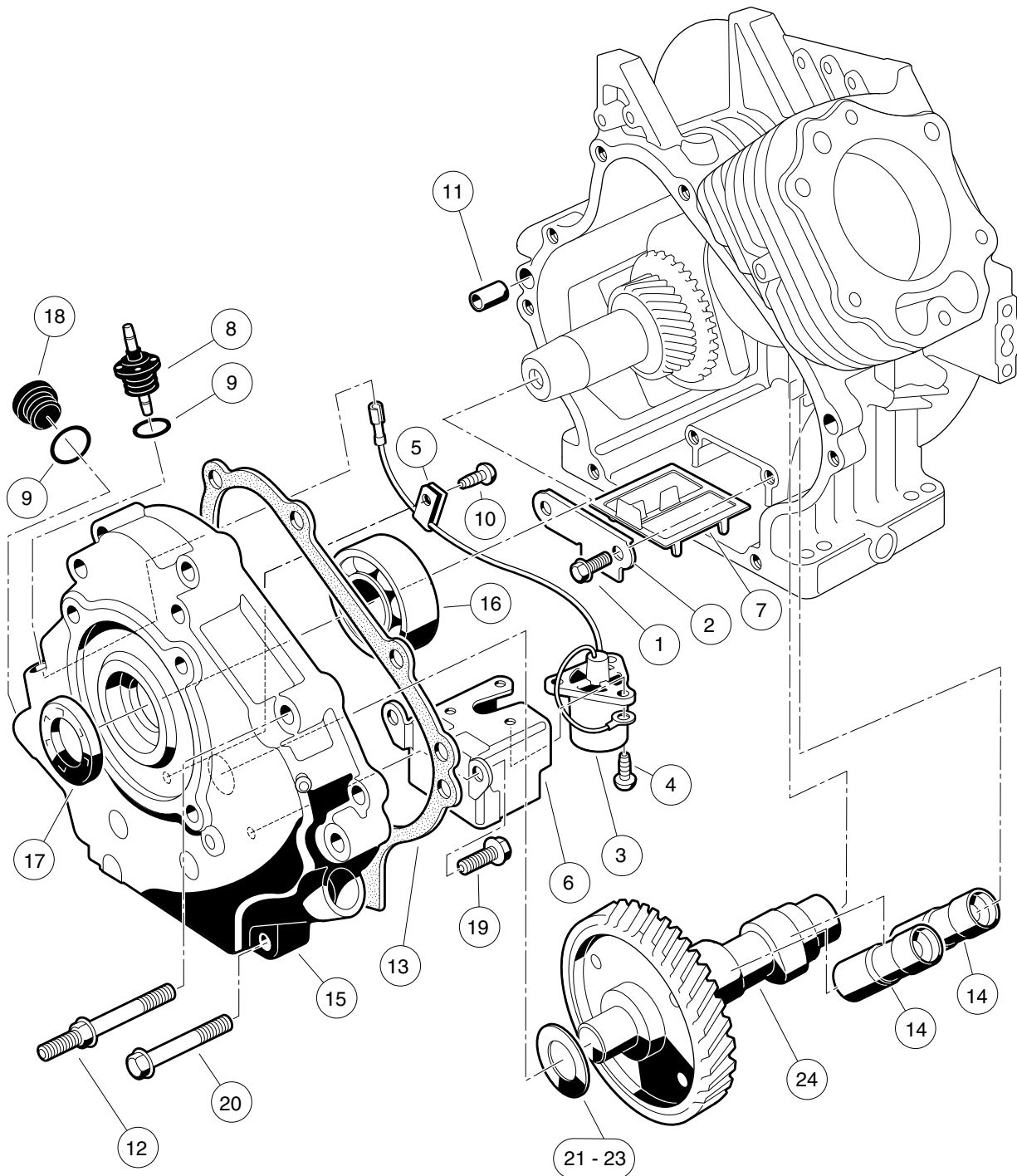
000204-001

# AS11 FE350 ENGINE – CYLINDER HEAD

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

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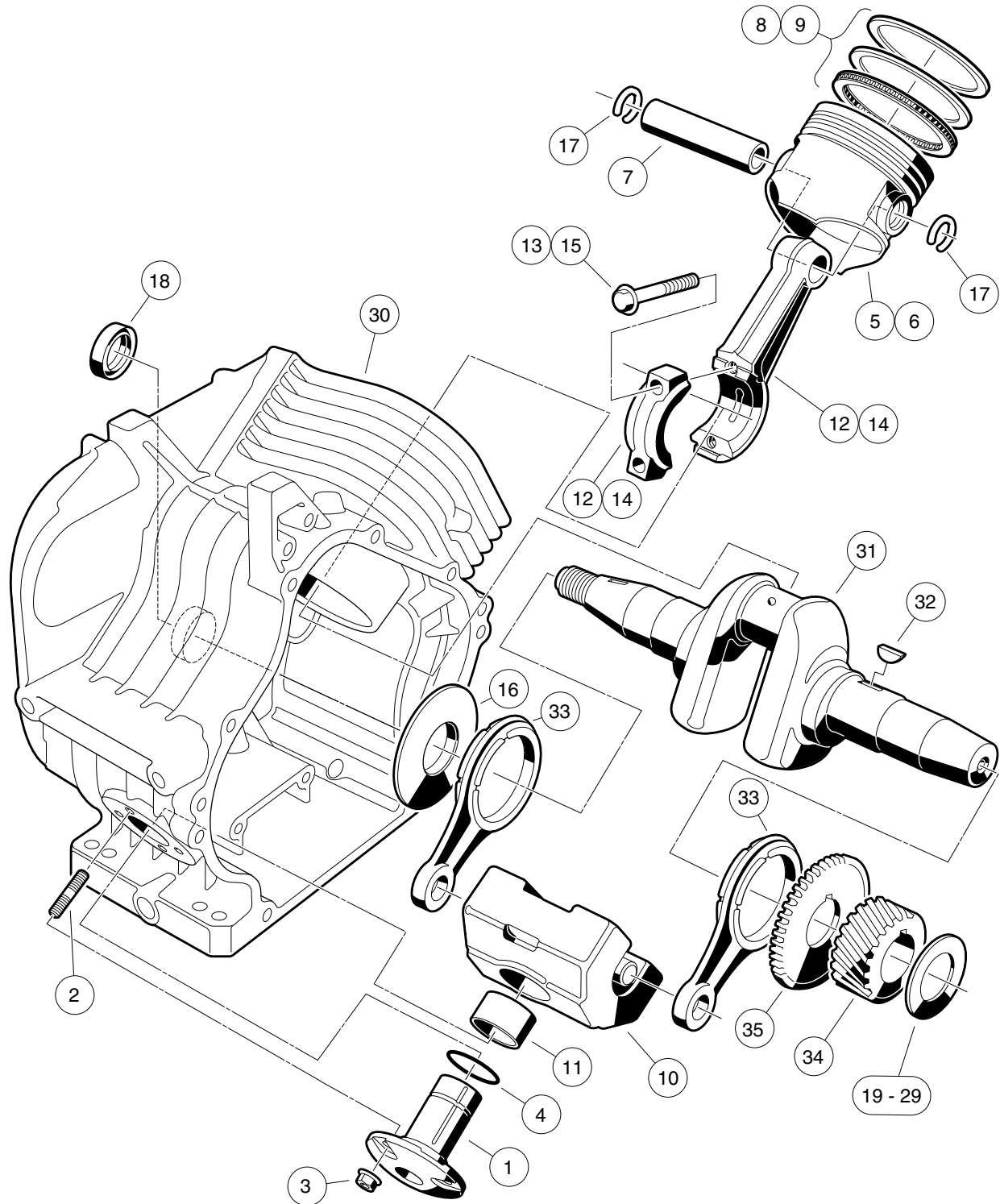


000205-002

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

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

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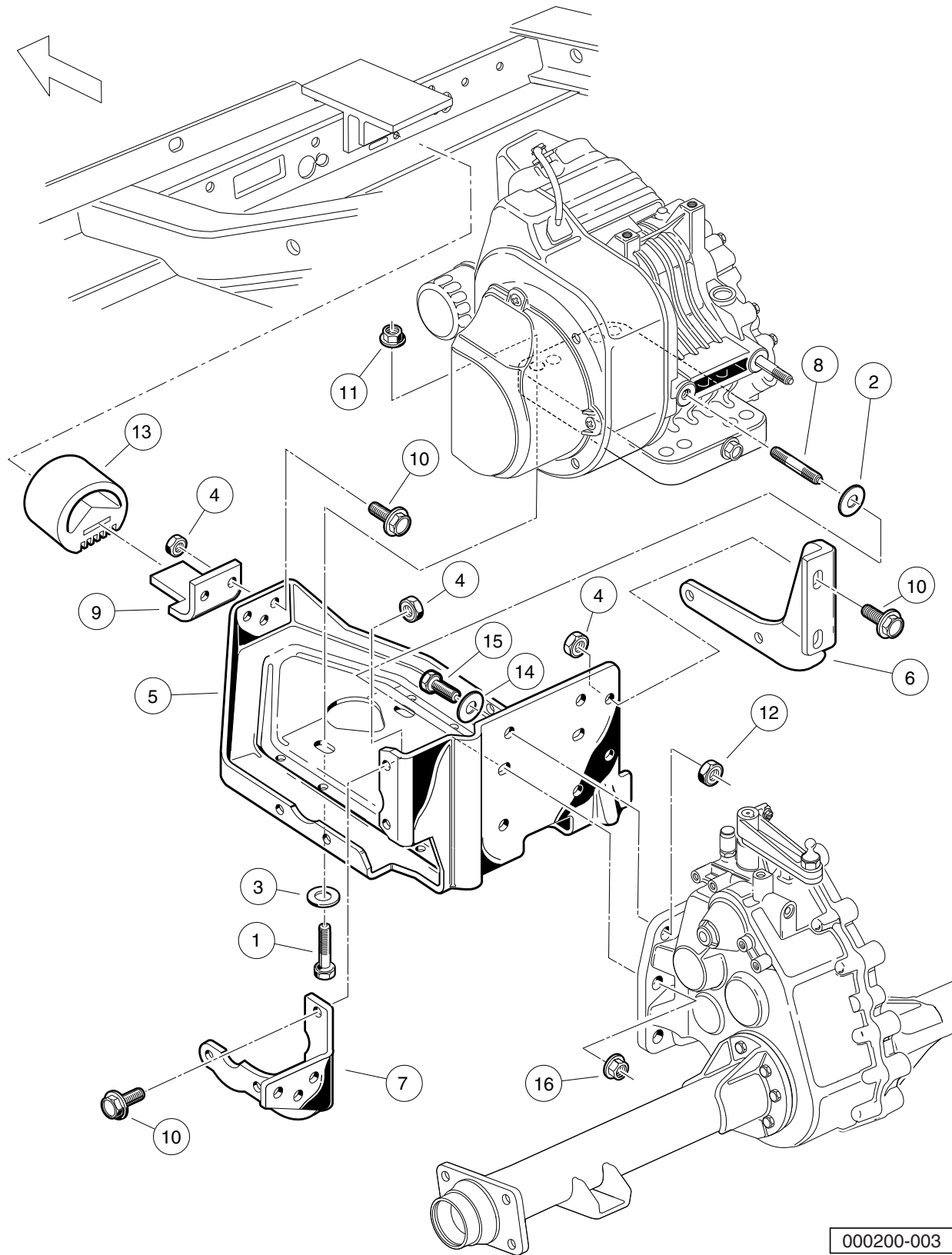
000206-001

# AS11 FE350 ENGINE – CRANKCASE AND CRANKSHAFT

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

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000200-003



# FE350 ENGINE MOUNTING

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

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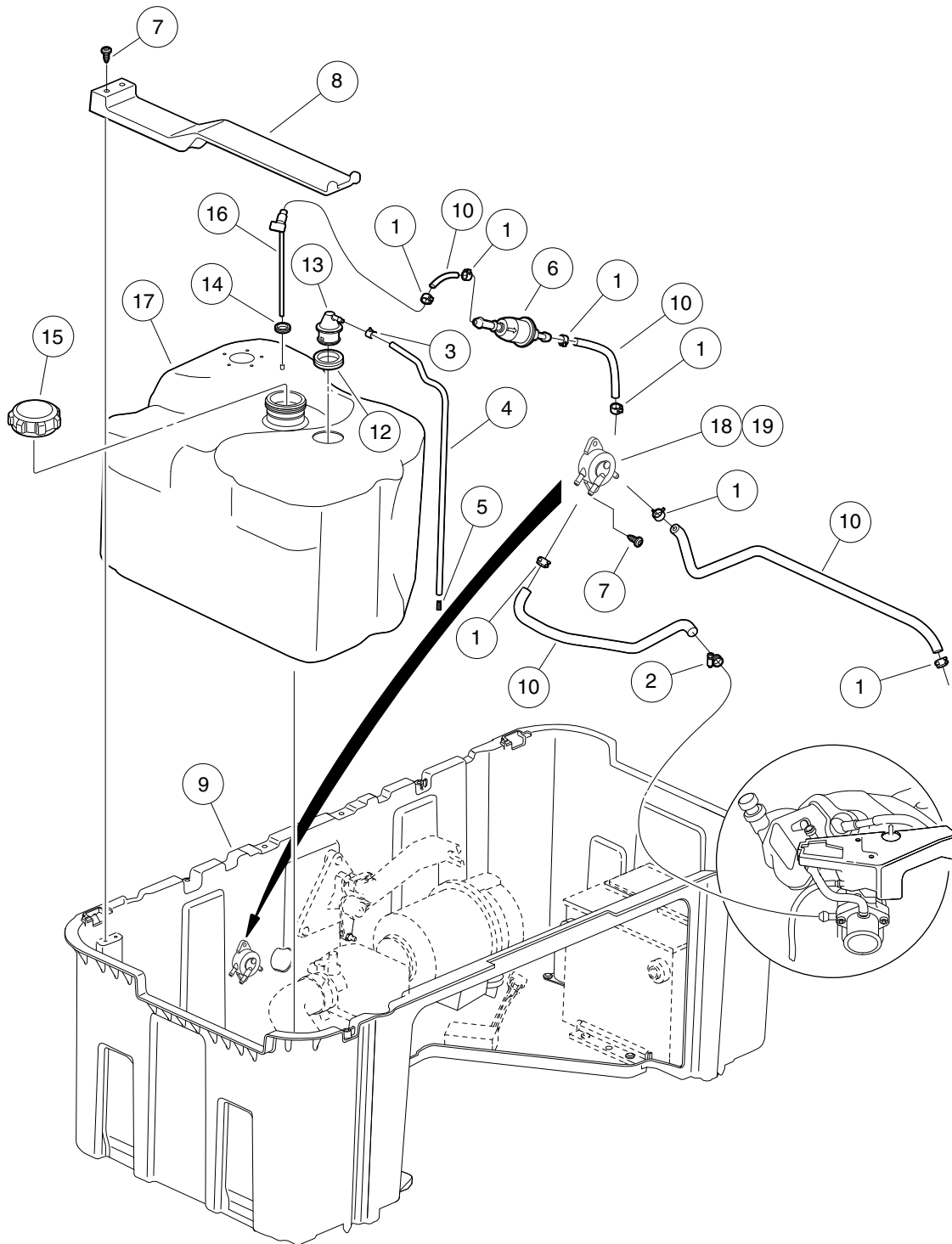
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# FUEL, INTAKE, AND GOVERNOR SYSTEMS

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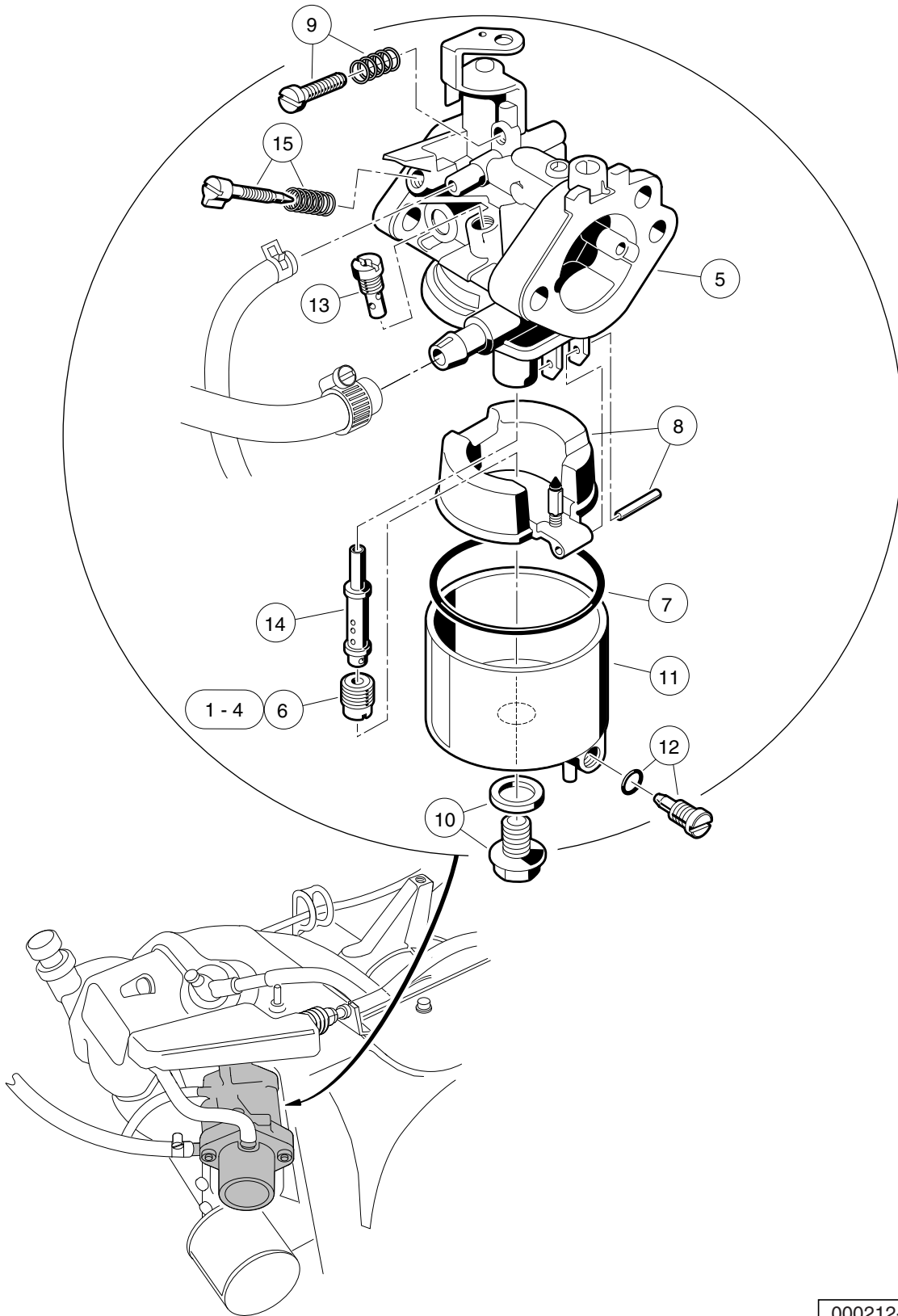
000449-001

# FUEL SYSTEM

| ITEM | PART NO.  | DESCRIPTION                                                      | QTY |
|------|-----------|------------------------------------------------------------------|-----|
|      |           | <b>1 2 3 4</b>                                                   |     |
| 1    | 1012649   | Clamp, 0.460 Red Hose .....                                      | 7   |
| 2    | 1013687   | Clamp, 3/8" Hose (screw type) .....                              | 1   |
| 3    | 1013746   | Clamp, 0.301 ID Hose .....                                       | 2   |
| 4    | 1015137   | Fuel Line (available by the foot) .....                          | A/R |
| 5    | 101824401 | Vent Barb .....                                                  | 1   |
| 6    | 102003201 | Filter, Fuel, 30 Micron .....                                    | 1   |
| 7    | 102296020 | Screw, Torx Pan Hd Pt, M6 X 20 .....                             | 2   |
| 8    | 102514201 | Hold-down - Fuel Tank .....                                      | 1   |
| 9    | 102514701 | Bucket - Gas Vehicle .....                                       | 1   |
| 10   | 102865101 | Fuel Line .....                                                  | A/R |
| 11   | 103655002 | Asm, Tank, Prec, Wo/su Nano (includes items 12 through 17) ..... | 1   |
| 12   | 1015139   | Insulation Grommet .....                                         | 1   |
| 13   | 1015143   | Vent, Fuel Tank .....                                            | 1   |
| 14   | 102406701 | Bushing, Line, Return .....                                      | 1   |
| 15   | 103372101 | Cap, Fuel Tank, Gas, Ratchet .....                               | 1   |
| 16   | 103372301 | Valve, Fuel, 259mm .....                                         | 1   |
| 17   | 103777001 | Tank, Fuel, Prec, Nano .....                                     | 1   |
| 18   | N/A       | Kit, Fuel Pump Retrofit (includes items 19 and 20) .....         | 1   |
| 19   | 103010101 | Pump, Fuel, Impulse, Fh .....                                    | 1   |
| 20   | 103781201 | Instr, Fuel Pump Retrofit .....                                  | 1   |

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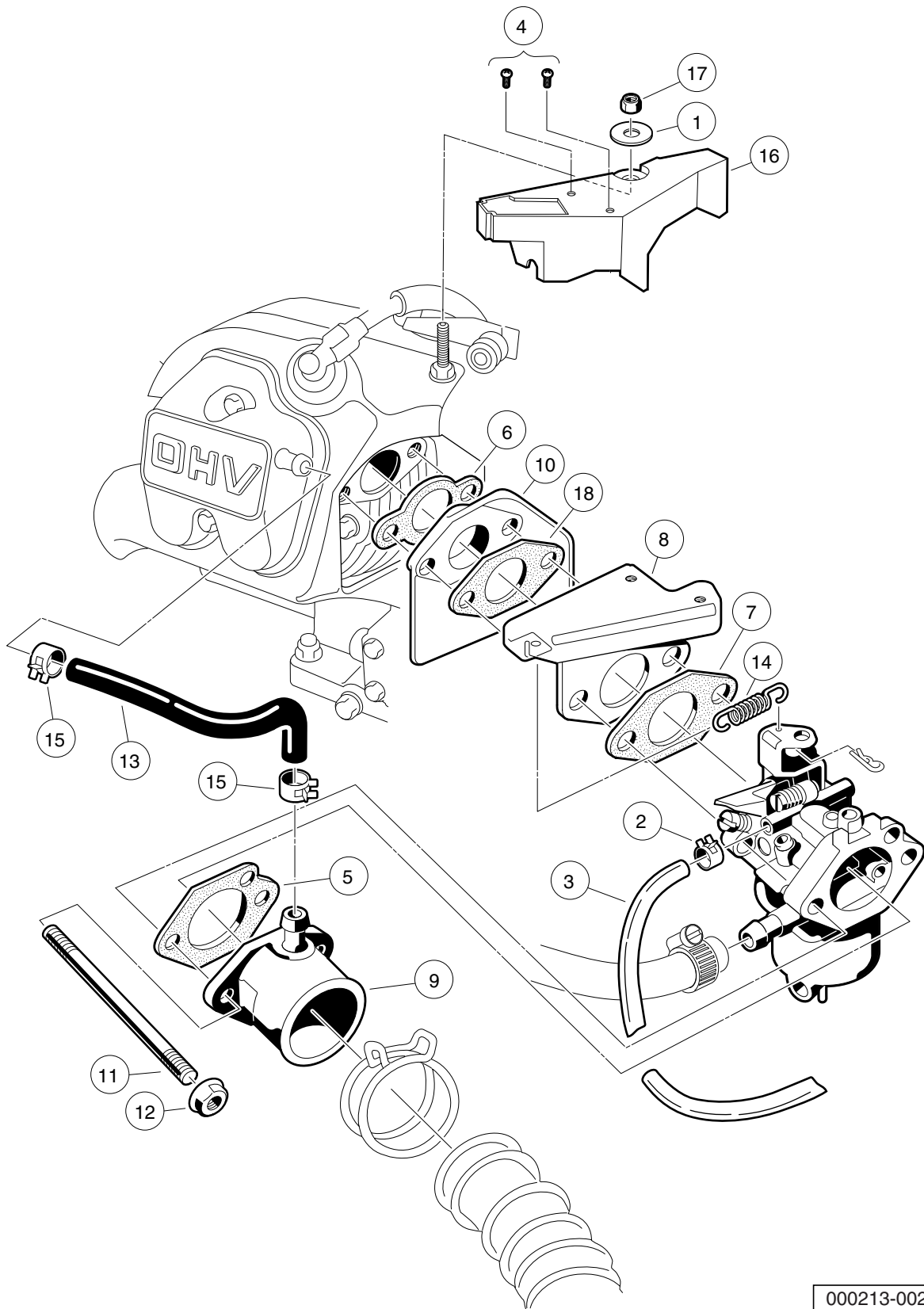
000212-001

# CARBURETOR ASSEMBLY – FE350

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

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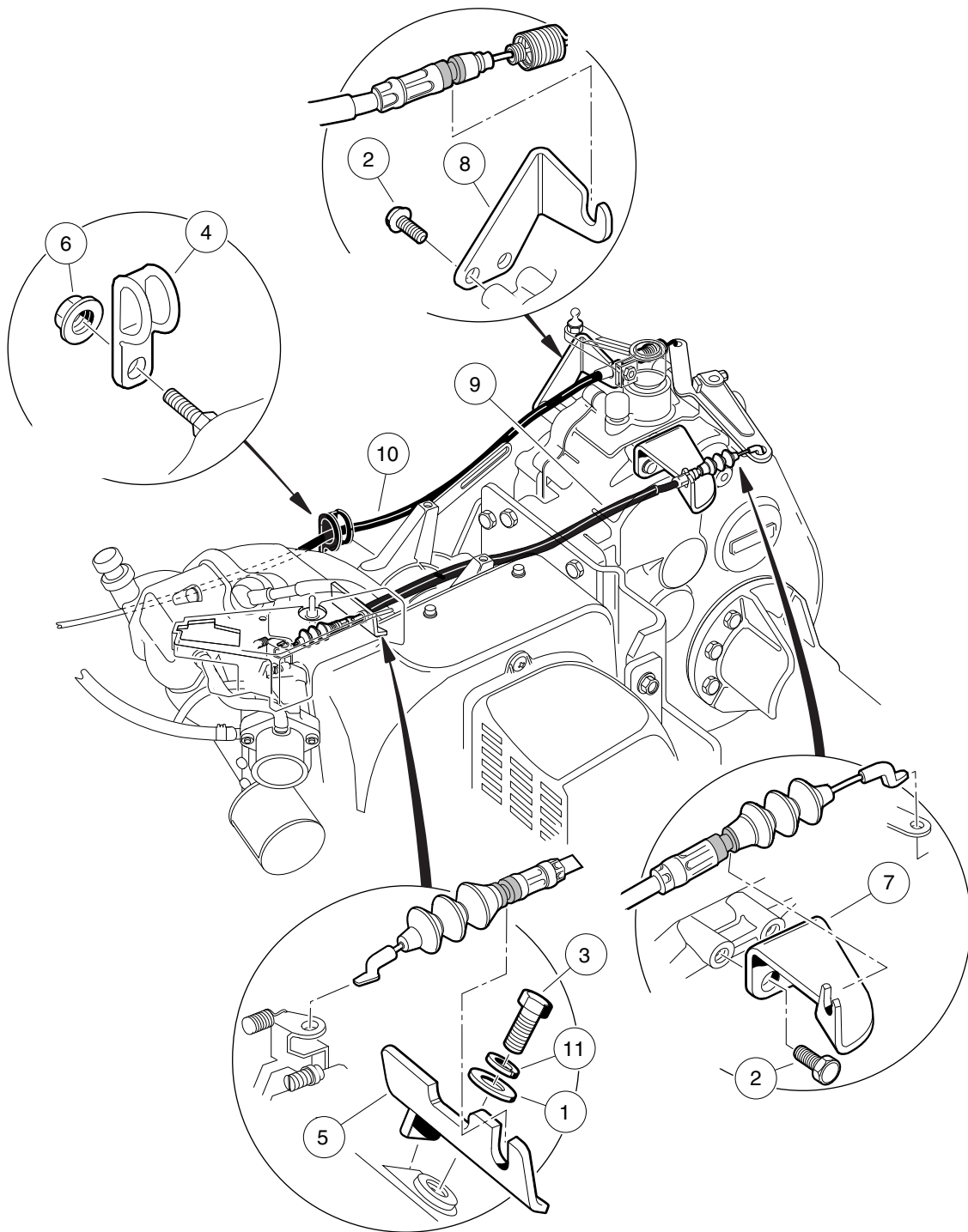


000213-002



# CARBURETOR INSTALLATION – FE350

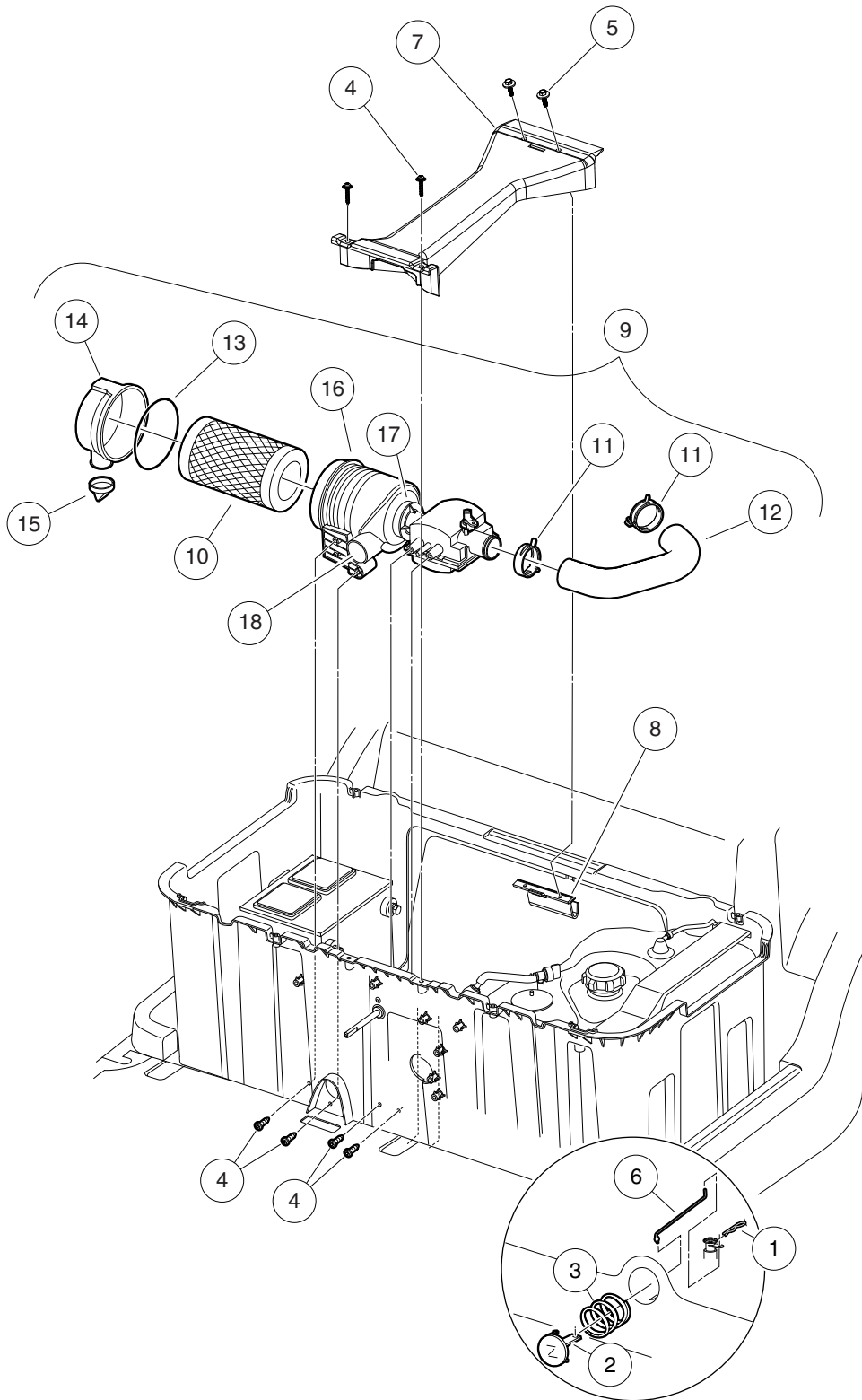
| ITEM | PART NO.  | DESCRIPTION                             | QTY | 8 |
|------|-----------|-----------------------------------------|-----|---|
|      |           | 1 2 3 4                                 |     | G |
| 1    | 1011697   | Washer, 5/16 Flat .....                 | 1   |   |
| 2    | 1013746   | Clamp, 0.301 ID Hose .....              | 1   |   |
| 3    | 1015137   | Fuel Line (available by the foot) ..... | 1   |   |
| 4    | 1016103   | Screw, Pan Hd Tx, Taptite 6-32 .....    | 2   |   |
| 5    | 1016438   | Gasket, Carb To Intake Manifold .....   | 1   |   |
| 6    | 1016440   | Gasket, Engine to Insulator .....       | 1   |   |
| 7    | 1016441   | Gasket, Sprg Brkt To Carb OHV .....     | 1   |   |
| 8    | 1016444   | Bracket, Throttle Spring Return .....   | 1   |   |
| 9    | 1016480   | Pipe, Intake Manifold .....             | 1   |   |
| 10   | 101648102 | Insulator, Carburetor .....             | 1   |   |
| 11   | 101649002 | Stud, M6-1.00 Two-Ended .....           | 2   |   |
| 12   | 1016547   | Nut, M6 Flange .....                    | 2   |   |
| 13   | 1016572   | Tube, Crankcase Vent .....              | 1   |   |
| 14   | 1016582   | Spring, Throttle Return .....           | 1   |   |
| 15   | 1017466   | Clamp .....                             | 2   |   |
| 16   | 101820201 | Shield, Governor .....                  | 1   |   |
| 17   | 101887601 | Locknut, M6-1.00 Nylon Insert .....     | 1   |   |
| 18   | 101973401 | Gasket, Insulator To Bracket .....      | 1   |   |



000215-001

# GOVERNOR AND ACCELERATOR CABLES

| ITEM | PART NO.  | DESCRIPTION                                   | QTY | 8 |
|------|-----------|-----------------------------------------------|-----|---|
|      |           | 1 2 3 4                                       |     | G |
| 1    | 1011697   | Washer, 5/16 Flat .....                       | 1   |   |
| 2    | 1012285   | Screw, 1/4 X 0.625 Hex-Head .....             | 4   |   |
| 3    | 1012830   | Screw, M8-125 X 22 Hex-Head .....             | 1   |   |
| 4    | 1013700   | Clamp .....                                   | 2   |   |
| 5    | 101584502 | Bracket, Governor Cable Snap-In .....         | 1   |   |
| 6    | 1016546   | Nut .....                                     | 2   |   |
| 7    | 101832202 | Bracket, Rear Governor Cable Snap-In .....    | 1   |   |
| 8    | 101832302 | Bracket, Rear Accelerator Cable Snap-In ..... | 1   |   |
| 9    | 102336001 | Cable, Governor, Snap-In .....                | 1   |   |
| 10   | 102513102 | Cable, Acc, Snap-in .....                     | 1   |   |
| 11   | 7174      | Lockwasher, 5/16 Split .....                  | 1   |   |



000484-001

# CHOKE AND AIR BOX ASSEMBLY

| ITEM | PART NO.  | DESCRIPTION                                            | QTY | 8 |
|------|-----------|--------------------------------------------------------|-----|---|
|      |           | 1 2 3 4                                                |     | G |
| 1    | 1014413   | Pin, Hair Spring Cotter .....                          | 1   |   |
| 2    | 101811401 | Lever, Choke .....                                     | 1   |   |
| 3    | 101856201 | Compression Spring .....                               | 1   |   |
| 4    | 102296020 | Screw, Torx Pan Hd Pt, M6 X 20 .....                   | 6   |   |
| 5    | 102297125 | Screw M6-1.0x25.4 Thd Fm Sems .....                    | 2   |   |
| 6    | 102514401 | Rod, Choke Button .....                                | 1   |   |
| 7    | 102521301 | Brace, Gas Fuel Bucket .....                           | 1   |   |
| 8    | 102521401 | Support, Gas Bucket Brace .....                        | 1   |   |
| 9    | 102588301 | Air Intake Assy (includes items 10 through 16) .....   | 1   |   |
| 10   | 102558201 | Air Filter, Precedent .....                            | 1   |   |
| 11   | 102558301 | Clamp, Air Intake, Prec .....                          | 2   |   |
| 12   | 102558401 | Hose, Air Intake, Prec .....                           | 1   |   |
| 13   | 102558501 | Gasket, Air Intake, Prec .....                         | 1   |   |
| 14   | 102558601 | Cover Asm, Air Intake, Prec .....                      | 1   |   |
| 15   | 102558701 | 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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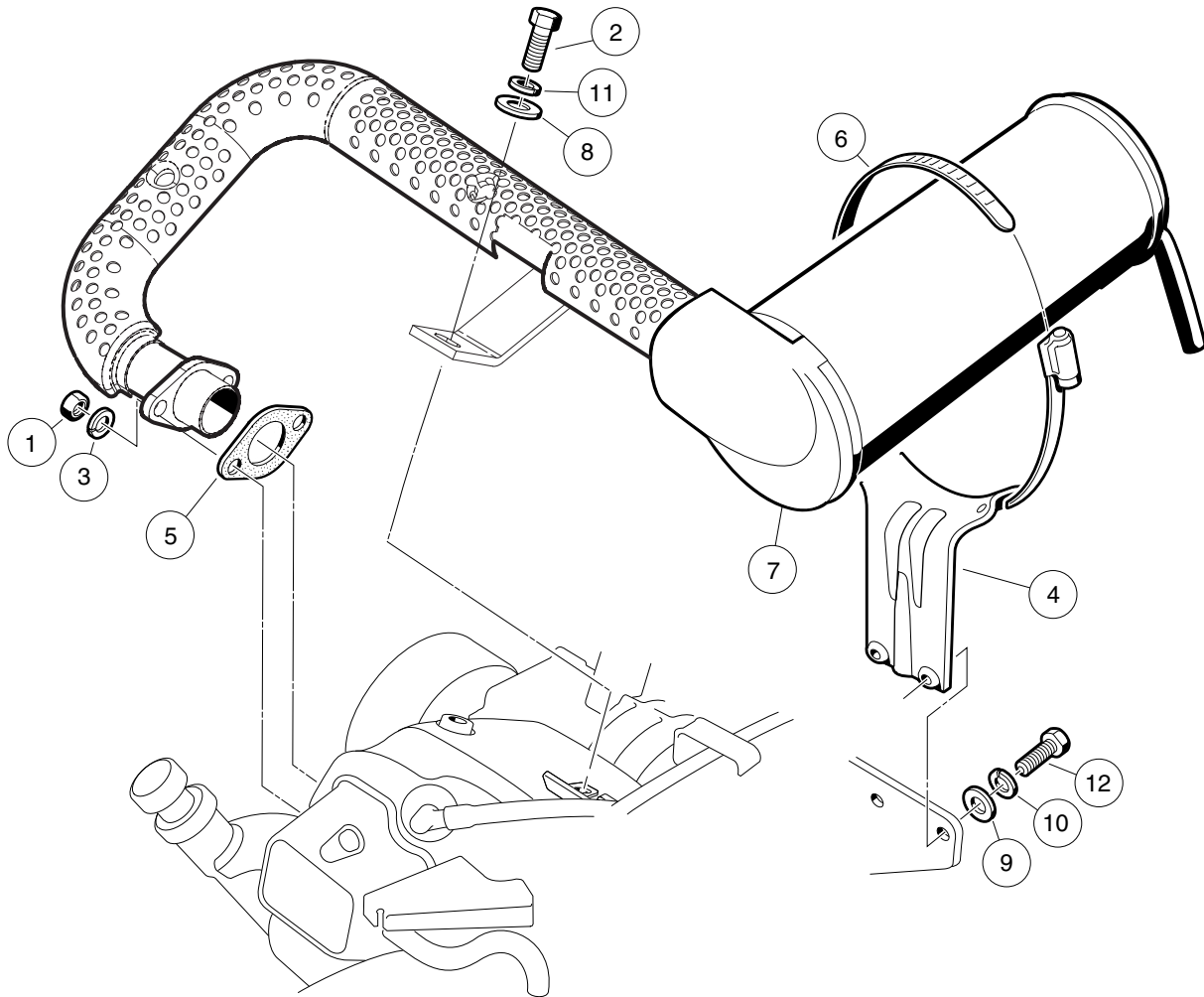
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# EXHAUST SYSTEM

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000491-001



## EXHAUST SYSTEM – FE350

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

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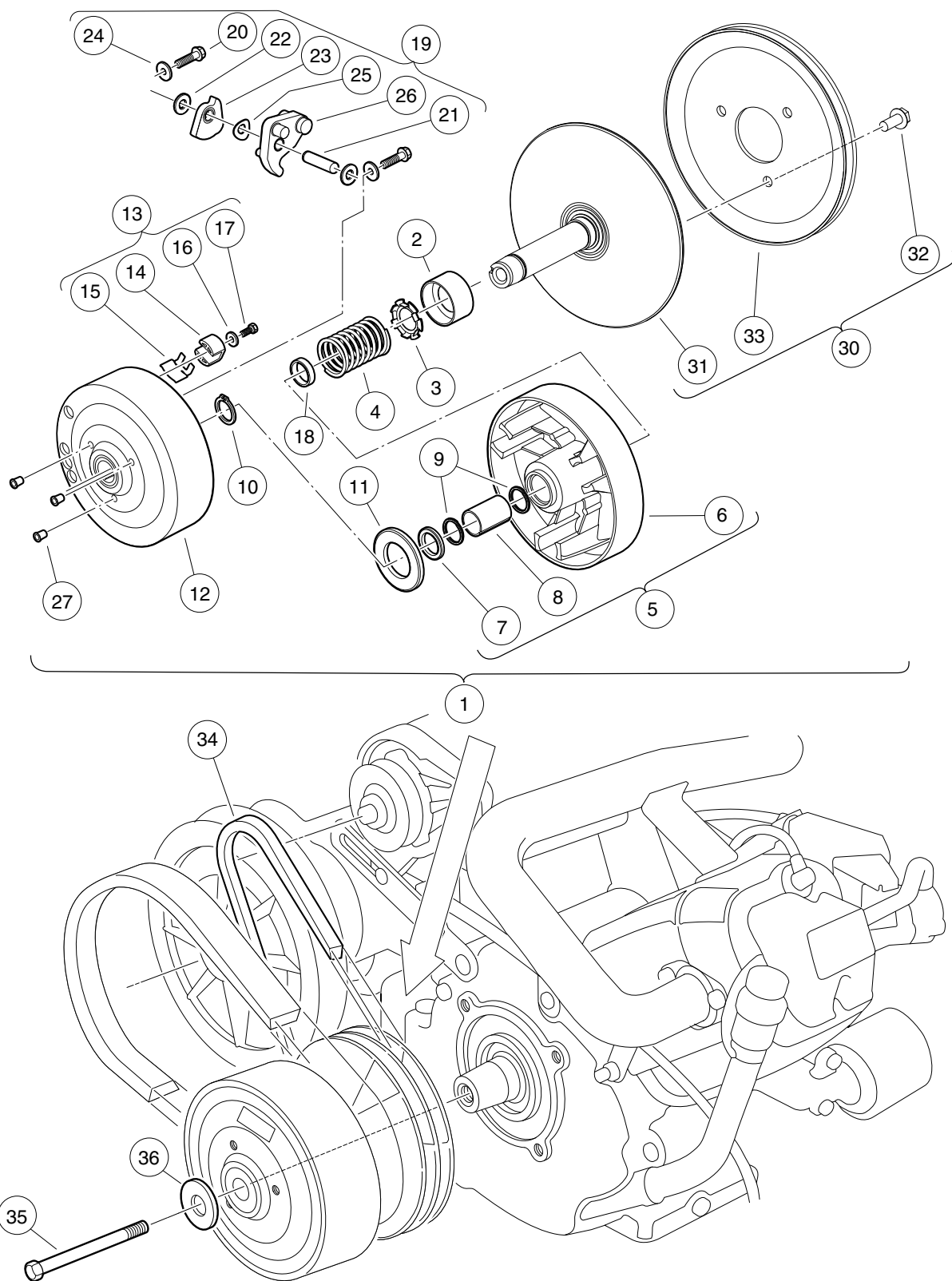
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# TORQUE CONVERTER

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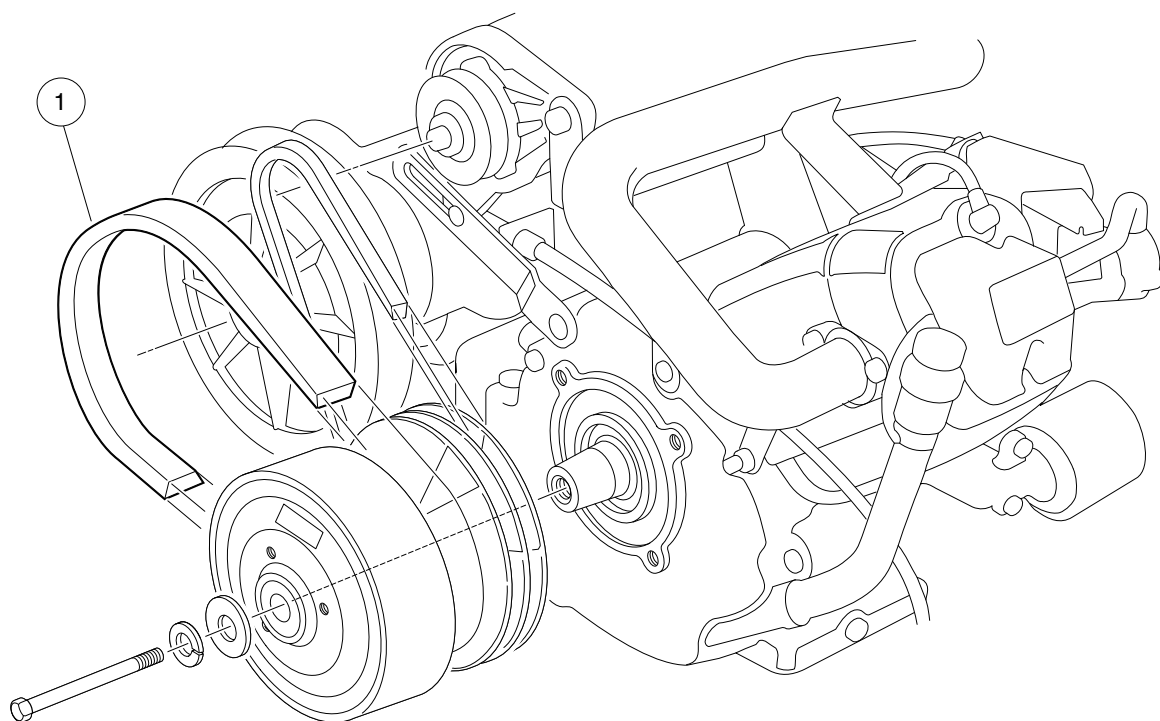
000217-001

# DRIVE CLUTCH

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

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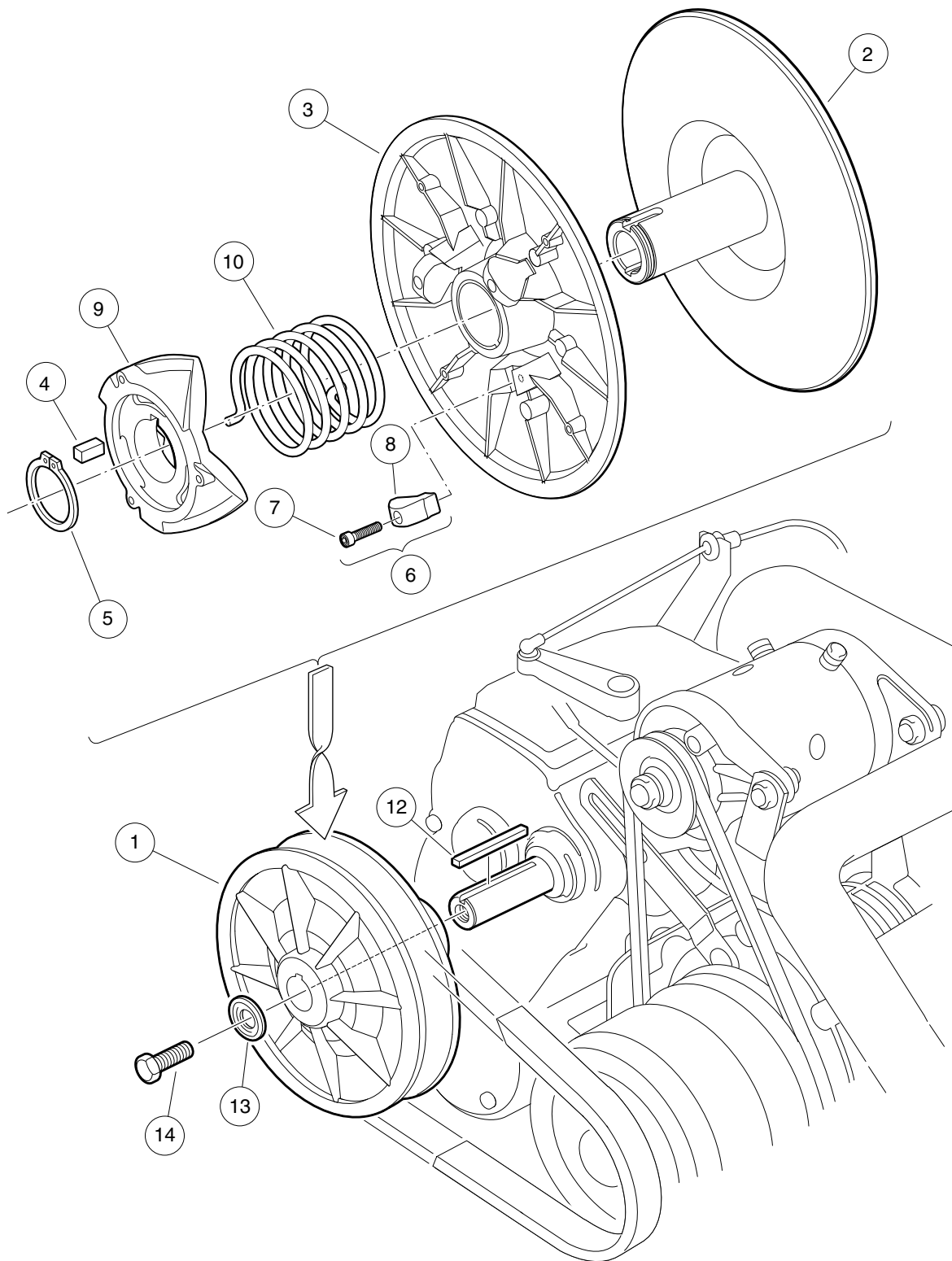
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000218-001

# DRIVE BELT

| ITEM | PART NO. | DESCRIPTION                                     | QTY | 10 |
|------|----------|-------------------------------------------------|-----|----|
| 1    | 1016203  | <div>1 2 3 4</div> <div>Belt, Drive .....</div> | 1   | G  |



000219-001



# DRIVEN CLUTCH

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

**10**

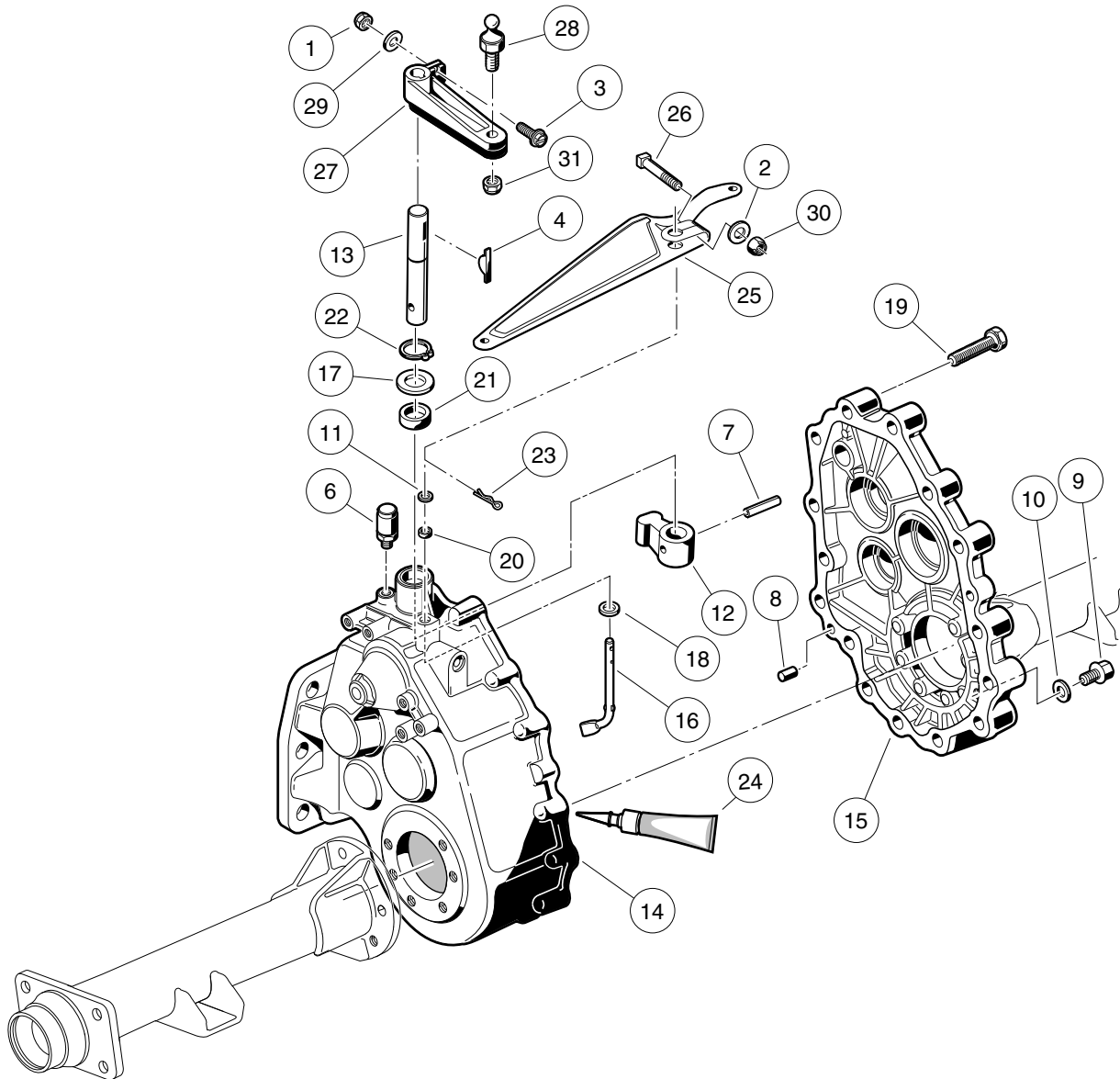
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# UNITIZED TRANSAXLE

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**11**

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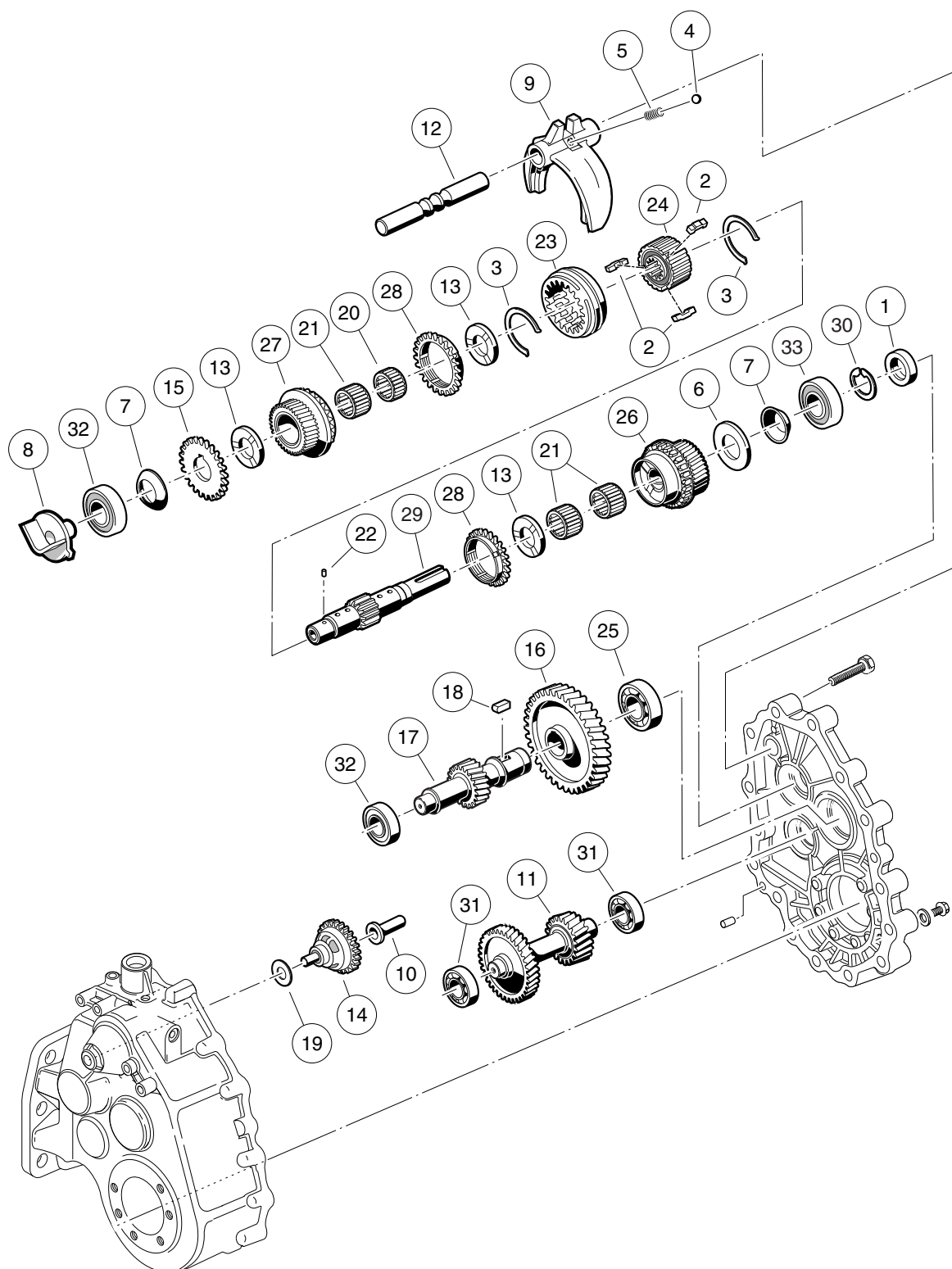
000220-002

# UNITIZED TRANSAXLE – GEAR CASES AND BRACKETS

| ITEM                                                            | PART NO.  | DESCRIPTION                                                | QTY |
|-----------------------------------------------------------------|-----------|------------------------------------------------------------|-----|
|                                                                 |           | <b>1 2 3 4</b>                                             |     |
| 1                                                               | 1013061   | Locknut, #10-32 Nylon Insert .....                         | 1   |
| 2                                                               | 1014007   | Washer, 1/4 Flat .....                                     | 1   |
| 3                                                               | 1017082   | Screw, #10-32 X 0.75, Hex-Head Machine .....               | 1   |
| 4                                                               | 1017231   | Key, Woodruff .....                                        | 1   |
| 5                                                               | 101833601 | Transaxle, 11.77 Ratio (includes items 6 through 24) ..... | 1   |
| 6                                                               | 1012711   | Breather .....                                             | 1   |
| 7                                                               | 1012752   | Roll Pin .....                                             | 1   |
| 8                                                               | 1012896   | Pin, Dowel .....                                           | 2   |
| 9                                                               | 1013760   | Fill Plug .....                                            | 2   |
| 10                                                              | 1016432   | Gasket, Drain Plug .....                                   | 1   |
| 11                                                              | 1016513   | Washer, M6 Flat .....                                      | 1   |
| 12                                                              | 101890101 | Lever, Change .....                                        | 1   |
| 13                                                              | 101890201 | Shaft - Change .....                                       | 1   |
| 14                                                              | 101890501 | Gear Case (driver side) .....                              | 1   |
| 15                                                              | 101890601 | Gear Case (passenger side) .....                           | 1   |
| 16                                                              | 101891301 | Arm Pivot .....                                            | 1   |
| 17                                                              | 101892901 | Washer .....                                               | 1   |
| 18                                                              | 101893801 | Washer .....                                               | 1   |
| 19                                                              | 101926901 | Screw, M8-1.25 X 40mm Hex-Head .....                       | 15  |
| 20                                                              | 101927101 | Seal, Oil .....                                            | 1   |
| 21                                                              | 101927201 | Seal, Oil .....                                            | 1   |
| 22                                                              | 101927301 | Snap Ring .....                                            | 1   |
| 23                                                              | 101928601 | Pin, Cotter .....                                          | 1   |
| 24                                                              | 101928701 | Liquid Gasket (Transaxle case) .....                       | A/R |
| 25                                                              | 101834801 | Arm, Governor .....                                        | 1   |
| 26                                                              | 101886101 | Screw, 1/4-20 X 1.00 Square-Head .....                     | 1   |
| 27                                                              | 102515401 | Lever, Transmission Shift .....                            | 1   |
| 28                                                              | 102526201 | Stud, Thread, 1/4-28 .....                                 | 1   |
| 29                                                              | 183       | Washer, #10 Type A Flat .....                              | 1   |
| 30                                                              | 8233      | Locknut, 1/4-20 Nylon Insert .....                         | 1   |
| 31                                                              | 8717      | Locknut, 1/4-28 Nylon Insert .....                         | 1   |
| Note: Unitized transaxle component listings span several pages. |           |                                                            |     |

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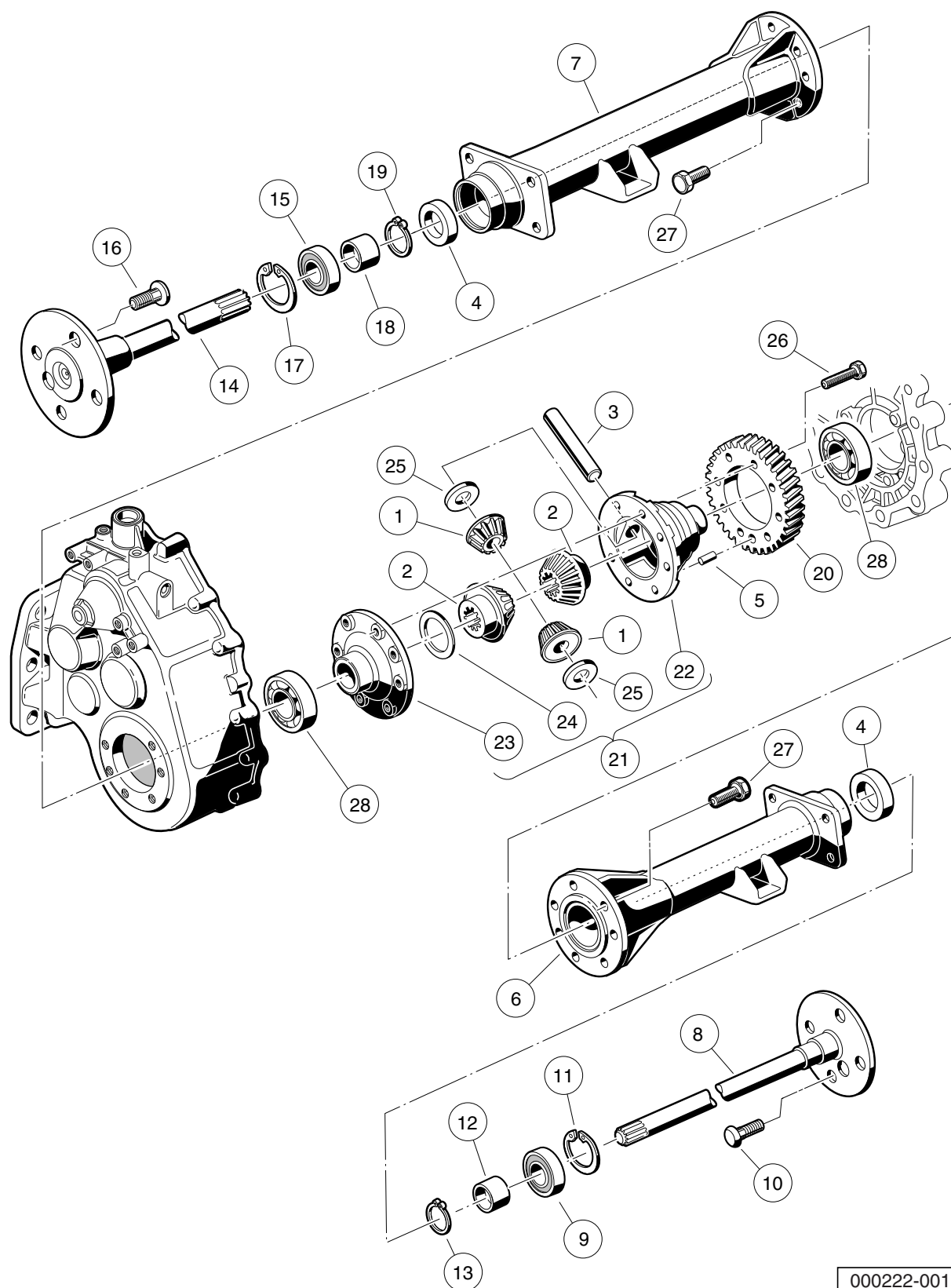


000221-001

# UNITIZED TRANSAXLE – F&R TRANSMISSION AND GEAR REDUCTION

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

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000222-001

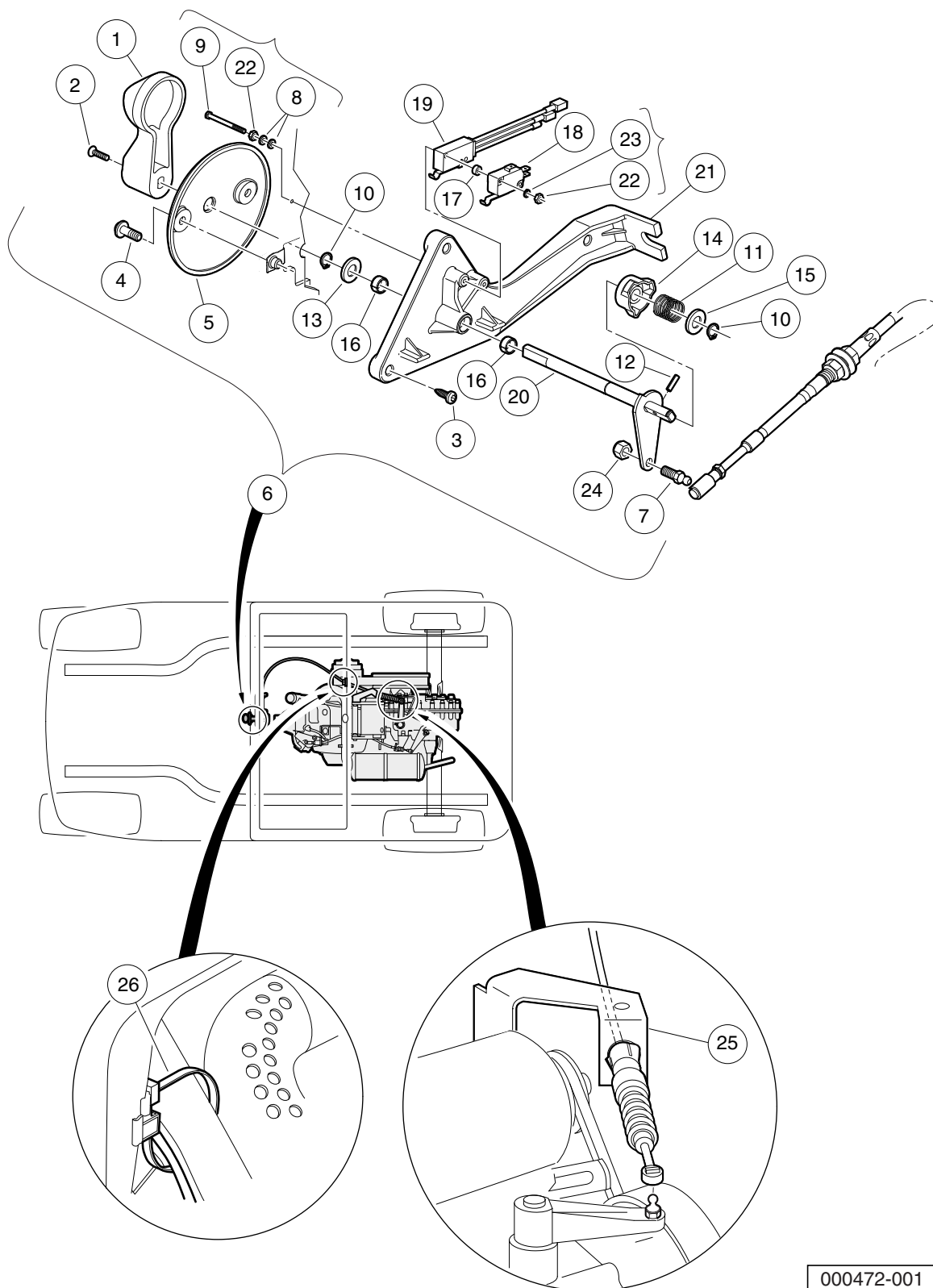


# TRANSAXLE – GASOLINE VEHICLES, DIFFERENTIAL AND AXLES

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

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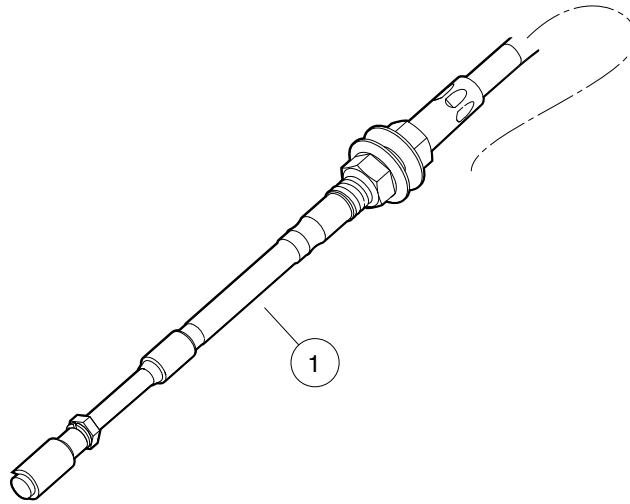


000472-001

# FORWARD/REVERSE SHIFTER ASSEMBLY – GASOLINE VEHICLE

| ITEM | PART NO.  | DESCRIPTION                                                      | QTY |
|------|-----------|------------------------------------------------------------------|-----|
|      |           | <b>1 2 3 4</b>                                                   |     |
| 1    | 1012987   | Handle, FNR .....                                                | 1   |
| 2    | 1015064   | Screw, #8-32 X 0.63 Machine .....                                | 1   |
| 3    | 102296040 | Screw, Torx Pan Hd Pt, M6 X 40 .....                             | 3   |
| 4    | 102296920 | Screw, M6 Torx Bttn Hd Sems .....                                | 2   |
| 5    | 102512001 | Bezel, FNR Gas .....                                             | 1   |
| 6    | N/A       | Assembly - Gas F-n-r Shifter (includes items 7 through 24) ..... | 1   |
| 7    | 1010954   | Stud, 1/4-28 X 0.560 Ball .....                                  | 1   |
| 8    | 1012431   | Washer, #4 Flat .....                                            | 4   |
| 9    | 1012594   | Screw, #4-40 Machine .....                                       | 2   |
| 10   | 1013589   | Ring, 0.338" Internal Retaining .....                            | 2   |
| 11   | 1013590   | Spring, FNR Cam .....                                            | 1   |
| 12   | 1013591   | Pin, 1/8 X 1/2 Roll .....                                        | 1   |
| 13   | 1014065   | Washer, 0.38" ID Delrin Flat .....                               | 1   |
| 14   | 1014089   | Neutral Lockout Cam Kit (includes item 15) .....                 | 1   |
| 15   | 1014065   | Washer, 0.38" ID Delrin Flat .....                               | 1   |
| 16   | 1014145   | Bushing, Secondary Weight, Split .....                           | 2   |
| 17   | 1014727   | Washer, #4 Nylon Flat .....                                      | 2   |
| 18   | 1014807   | Switch, Limit .....                                              | 1   |
| 19   | 101979101 | Assembly, Switch, Limit .....                                    | 1   |
| 20   | 102515301 | Weldment, F-n-r Gas .....                                        | 1   |
| 21   | 102515601 | Base, Gas FNR Shifter .....                                      | 1   |
| 22   | 8057      | Nut, #4-40 Hex Machine .....                                     | 4   |
| 23   | 8058      | Lockwasher, #4 Split .....                                       | 2   |
| 24   | 8717      | Locknut, 1/4-28 Nylon Insert .....                               | 1   |
| 25   | 102515501 | Bracket-trans Cable Support .....                                | 1   |
| 26   | 102554901 | Clip,edge,trans Shift Cable .....                                | 1   |

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000473-001

TRANSMISSION CABLE

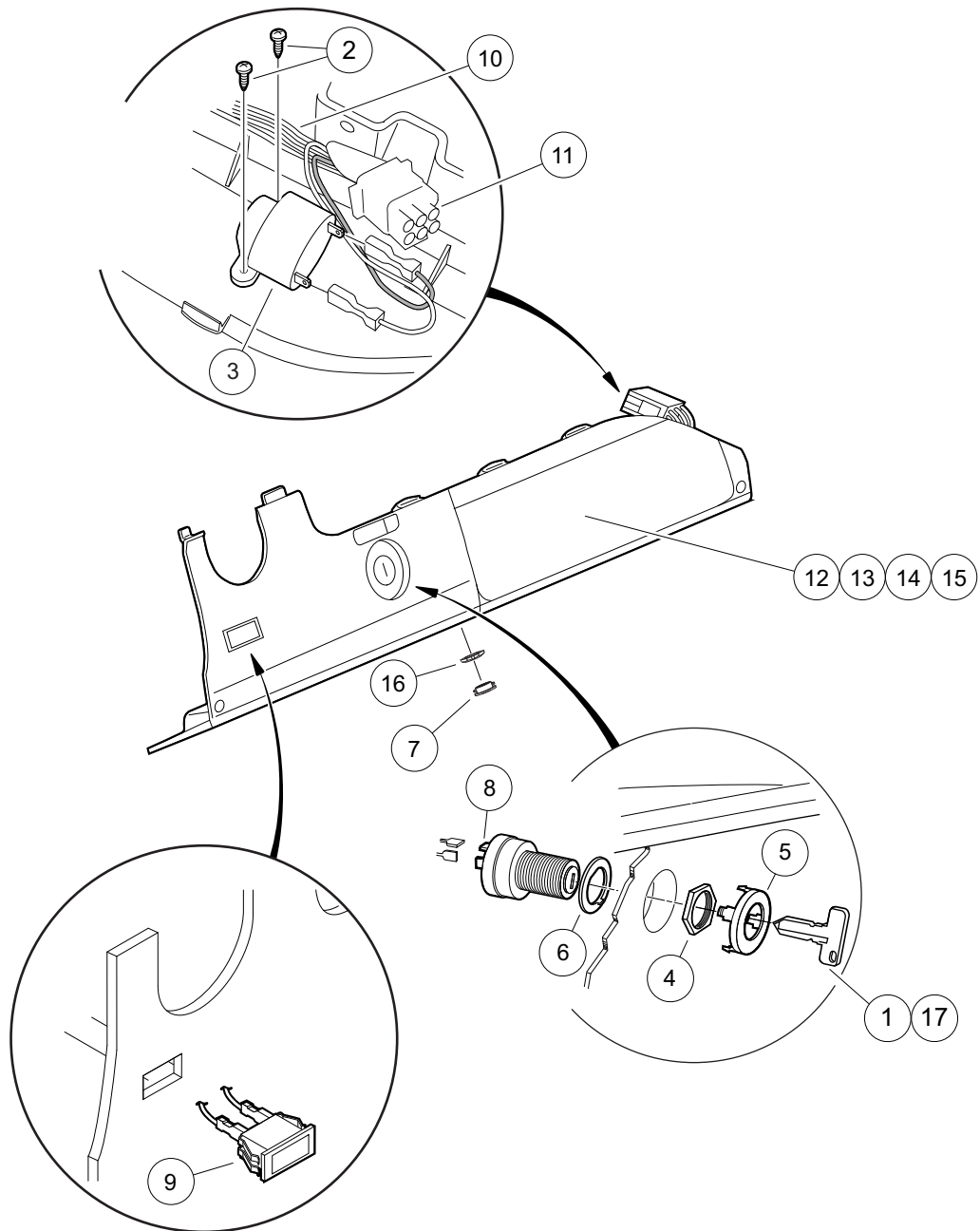
| ITEM | PART NO.  | DESCRIPTION                                                    | QTY |
|------|-----------|----------------------------------------------------------------|-----|
| 1    | 103379601 | <div>1 2 3 4</div> Cable, Transmission, Prec ..... <div></div> | 1   |

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000490-001



# ELECTRICAL COMPONENTS, FRONT BODY – ELECTRIC VEHICLE

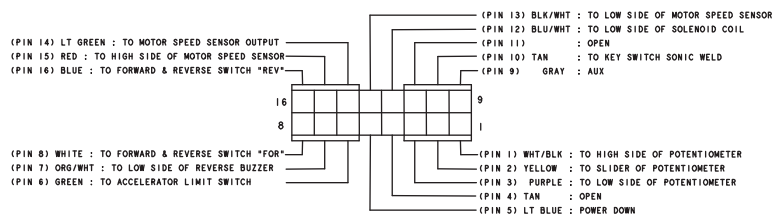
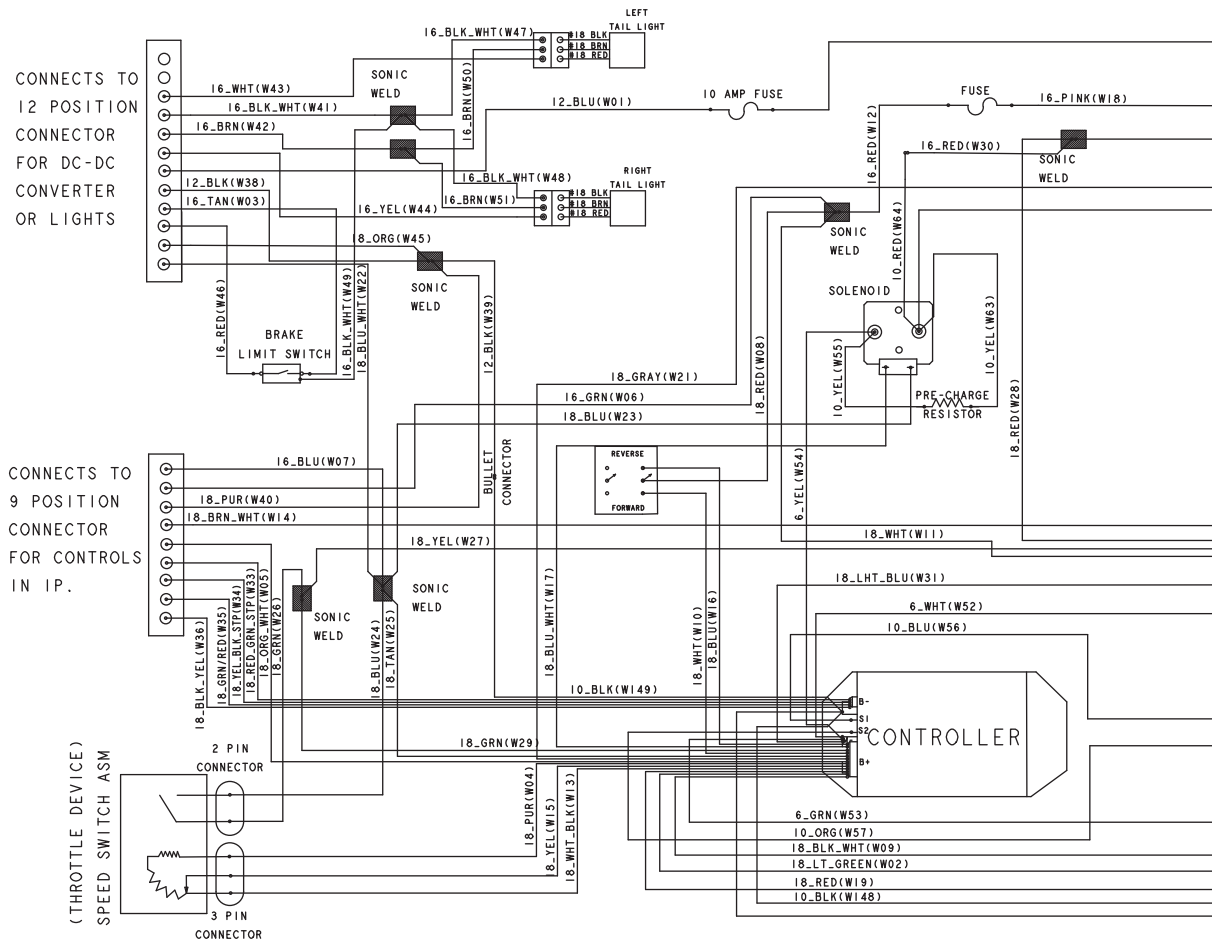
| ITEM | PART NO.  | DESCRIPTION                                                                             | QTY |
|------|-----------|-----------------------------------------------------------------------------------------|-----|
|      |           | <b>1 2 3 4</b>                               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

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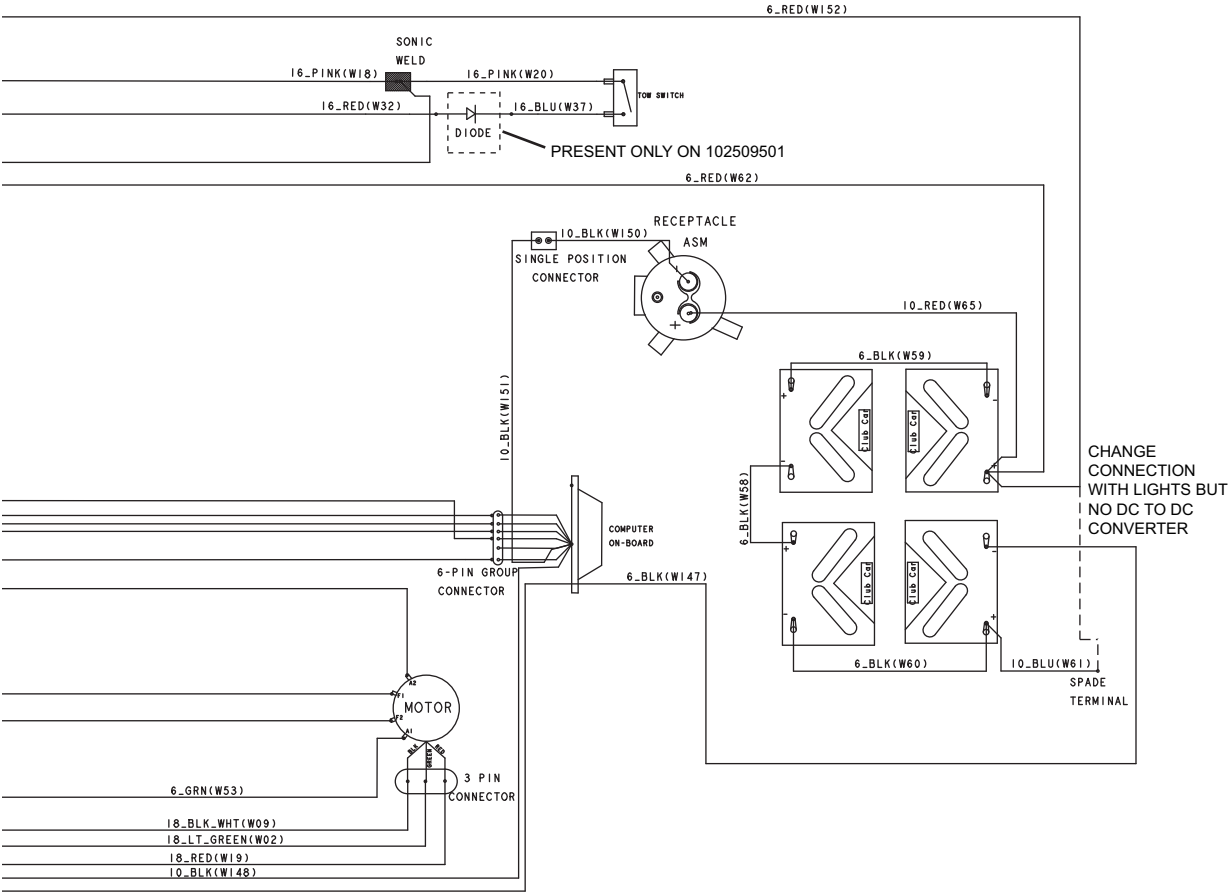
## IQ SYSTEM VEHICLE - STYLE A BATTERY CONFIGURATION

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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.

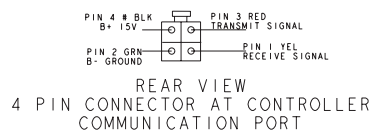
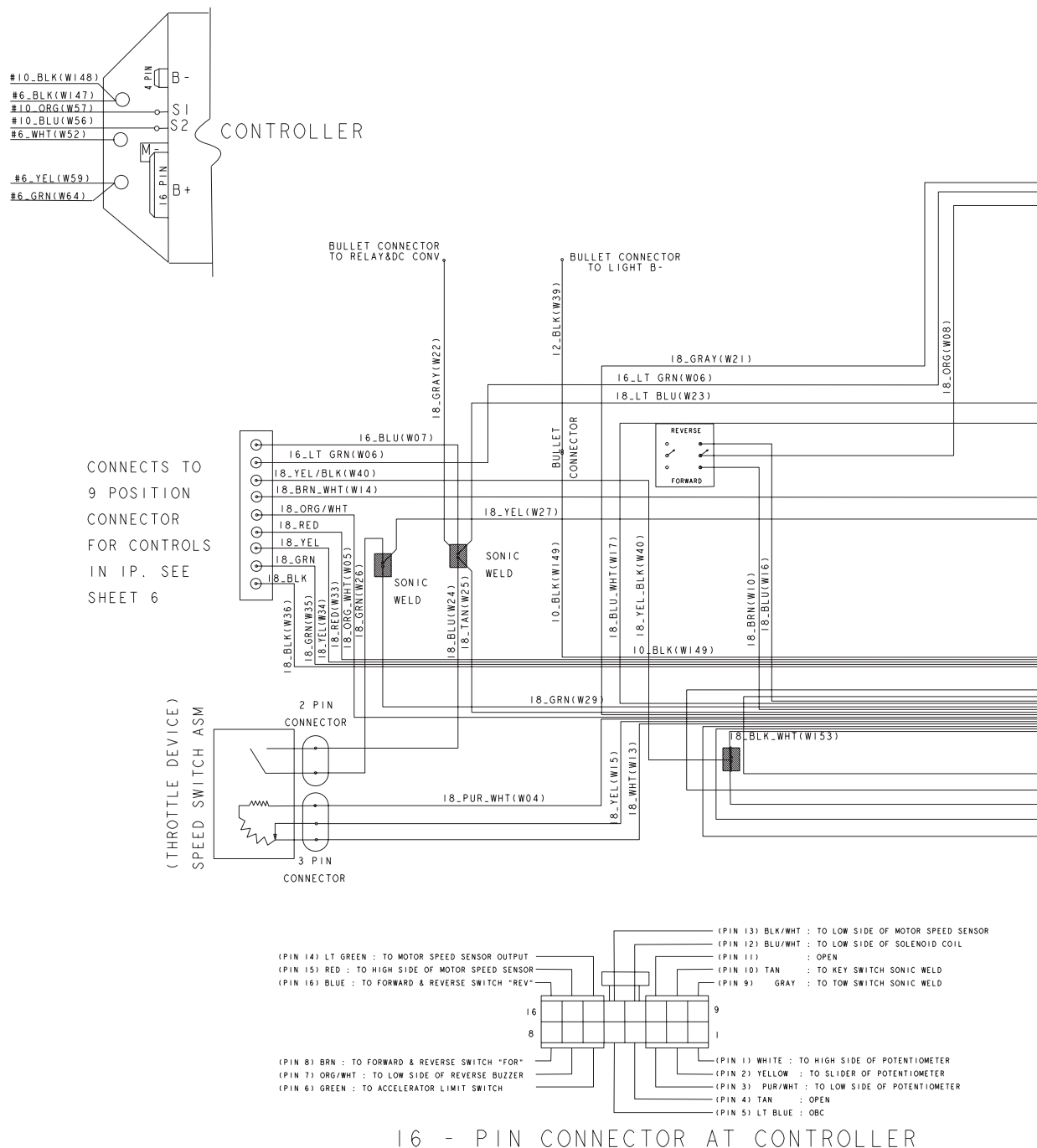
# WIRING – IQ SYSTEM WITH STYLE A BATTERY CONFIGURATION

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

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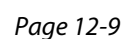
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# IQ SYSTEM VEHICLE - STYLE B AND STYLE C BATTERY CONFIGURATIONS



000498-002

000498-002



See previous two pages for illustration.

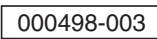


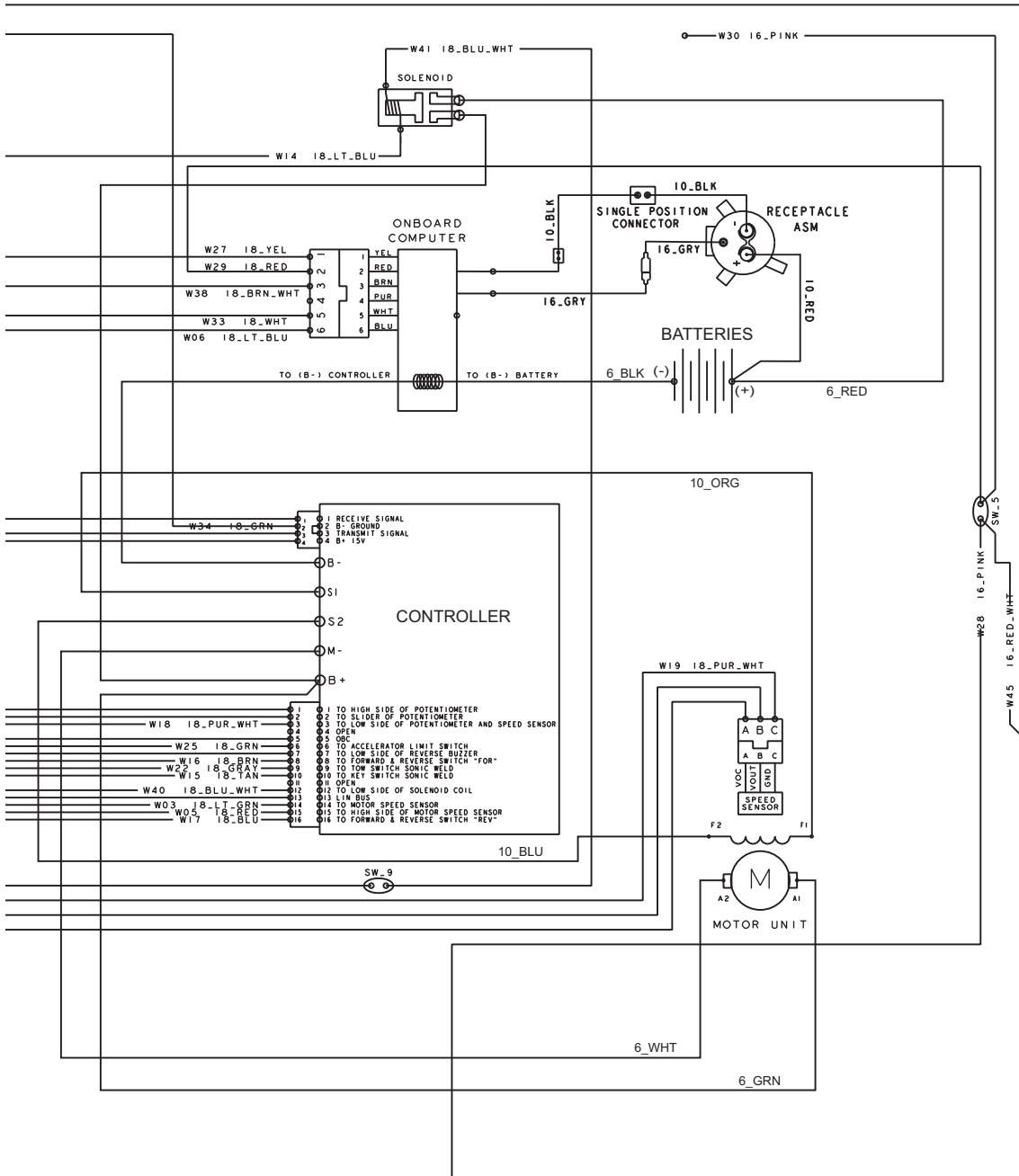
# WIRING – IQ SYSTEM WITH STYLES B OR C BATTERY CONFIGURATION

| ITEM                                                                 | PART NO.  | DESCRIPTION                      | QTY |
|----------------------------------------------------------------------|-----------|----------------------------------|-----|
|                                                                      |           | <b>1 2 3 4</b>                   |     |
| 1                                                                    | 102590001 | Prec Ce Tow-switch Diode .....   | 1   |
| 2                                                                    | 103374901 | Wire Harness, Prec/restyle ..... | 1   |
| 3                                                                    | 103375701 | Asm, Harness, Motor .....        | 1   |
| 4                                                                    | 103421801 | Asm Harness Charger, Prec .....  | 1   |
| <p>Note: Item 1 is used on vehicles going to the European Union.</p> |           |                                  |     |

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000498-003

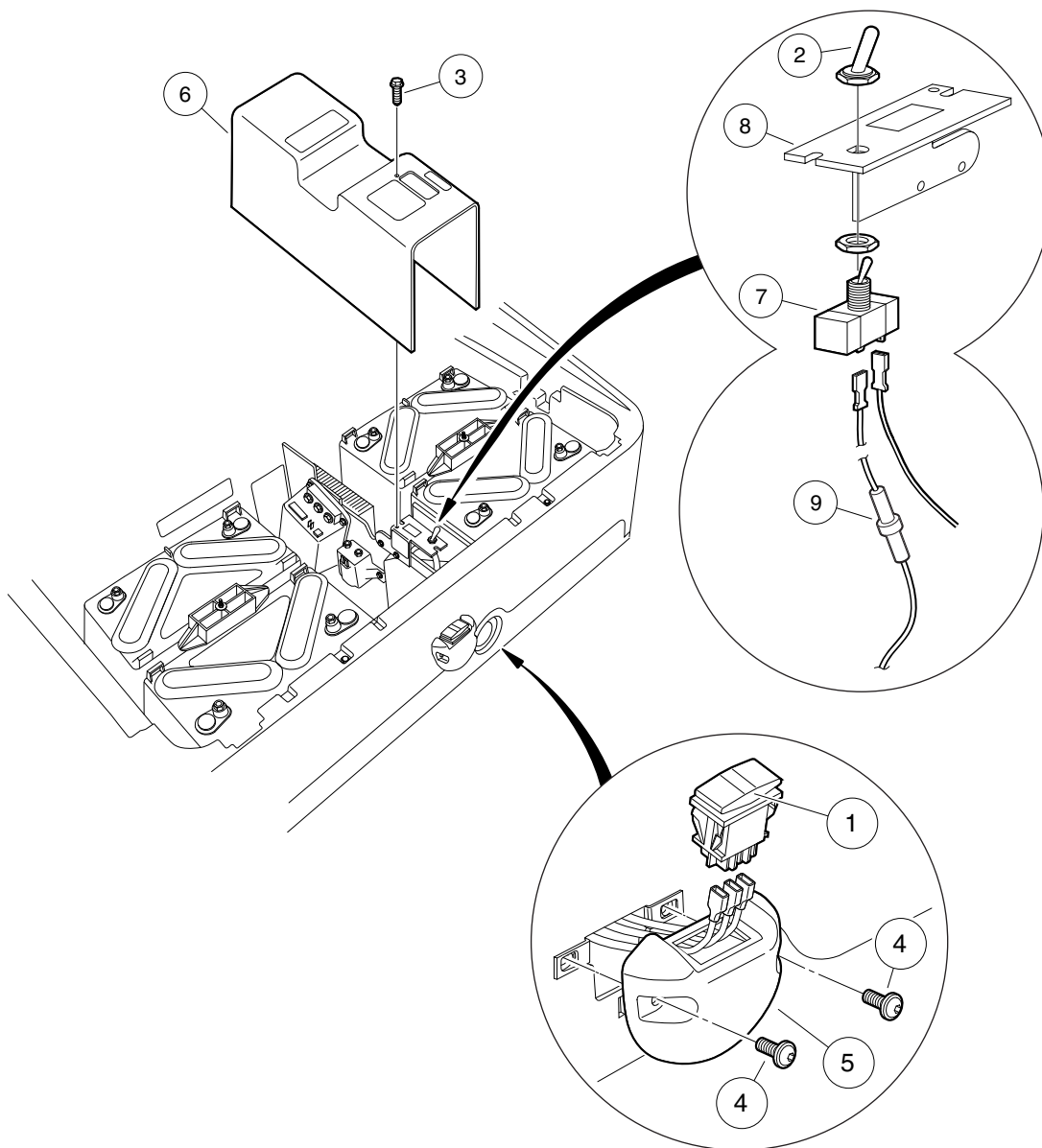
See previous two pages for illustration.

# WIRING – EXCEL SYSTEM WITH STYLE B OR C BATTERY CONFIGURATION

| ITEM                                                                 | PART NO.  | DESCRIPTION                     | QTY |
|----------------------------------------------------------------------|-----------|---------------------------------|-----|
|                                                                      |           | <b>1 2 3 4</b>                  |     |
| 1                                                                    | 102590001 | Prec Ce Tow-switch Diode .....  | 1   |
| 2                                                                    | 103375701 | Asm, Harness, Motor .....       | 1   |
| 3                                                                    | 103403501 | Harness, Main, Excel .....      | 1   |
| 4                                                                    | 103421801 | Asm Harness Charger, Prec ..... | 1   |
| <p>Note: Item 1 is used on vehicles going to the European Union.</p> |           |                                 |     |

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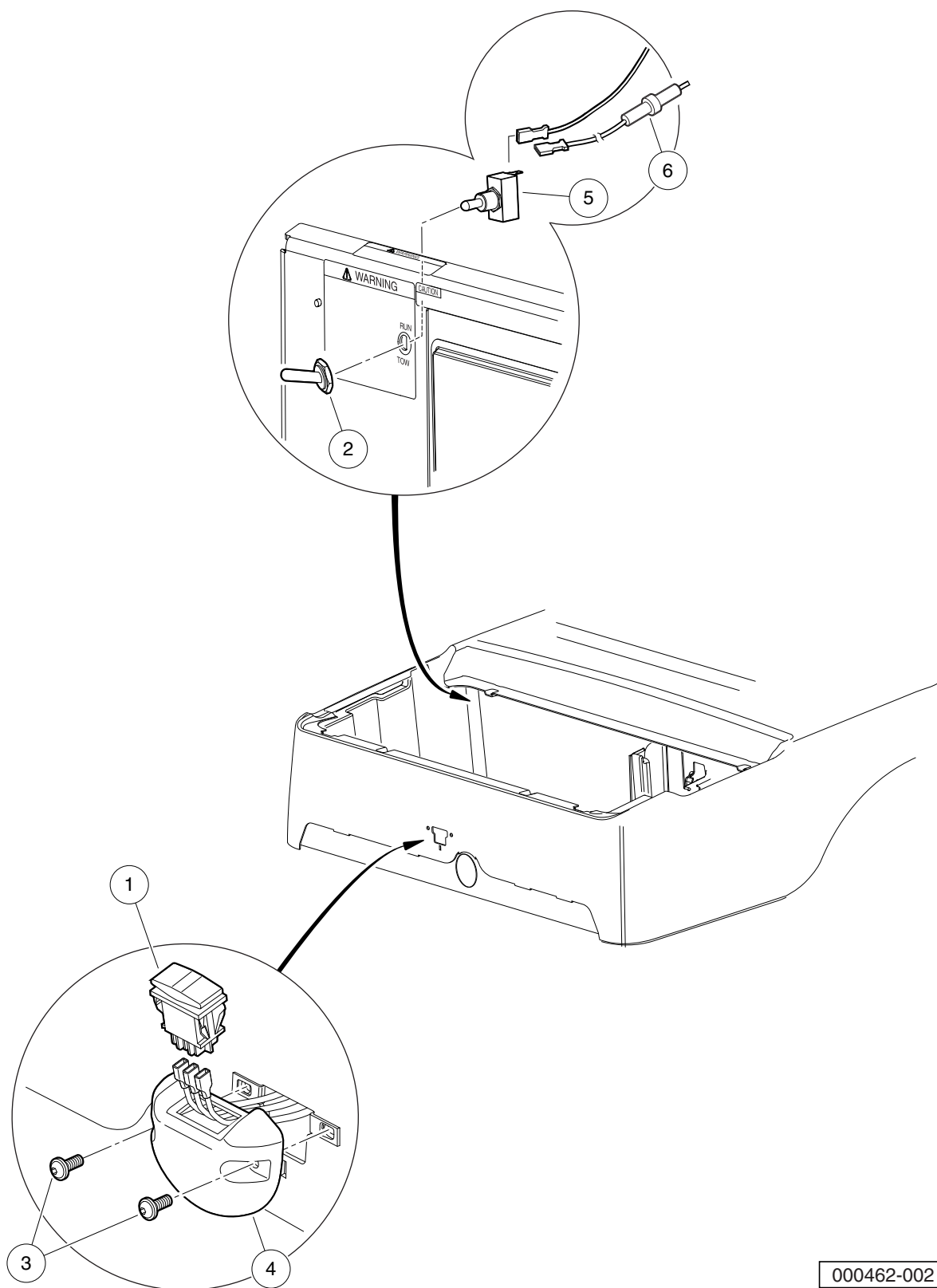
000462-003

# FORWARD/REVERSE SWITCH AND TOW/RUN SWITCH – ELECTRIC VEHICLE, STYLE A

| ITEM | PART NO.  | DESCRIPTION                       | QTY |
|------|-----------|-----------------------------------|-----|
|      |           | 1 2 3 4                           |     |
| 1    | 101856002 | Switch, Rocker, Single-Pole ..... | 1   |
| 2    | 101908401 | Boot, Switch .....                | 1   |
| 3    | 102296716 | Screw, M6 X 16 Tt Hx Fl Hd .....  | 1   |
| 4    | 102296920 | Screw, M6 Torx Bttn Hd Sems ..... | 2   |
| 5    | 102508401 | Housing, FNR Electric .....       | 1   |
| 6    | 102510901 | Cover, Electronics Module .....   | 1   |
| 7    | 102511101 | Switch, Tow .....                 | 1   |
| 8    | 102520001 | Hour Meter/tow Switch Bkt .....   | 1   |
| 9    | 102538601 | 15 Amp Fuse .....                 | 1   |

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000462-002



# FORWARD/REVERSE SWITCH AND TOW/RUN SWITCH – ELECTRIC VEHICLE, STYLES B AND C

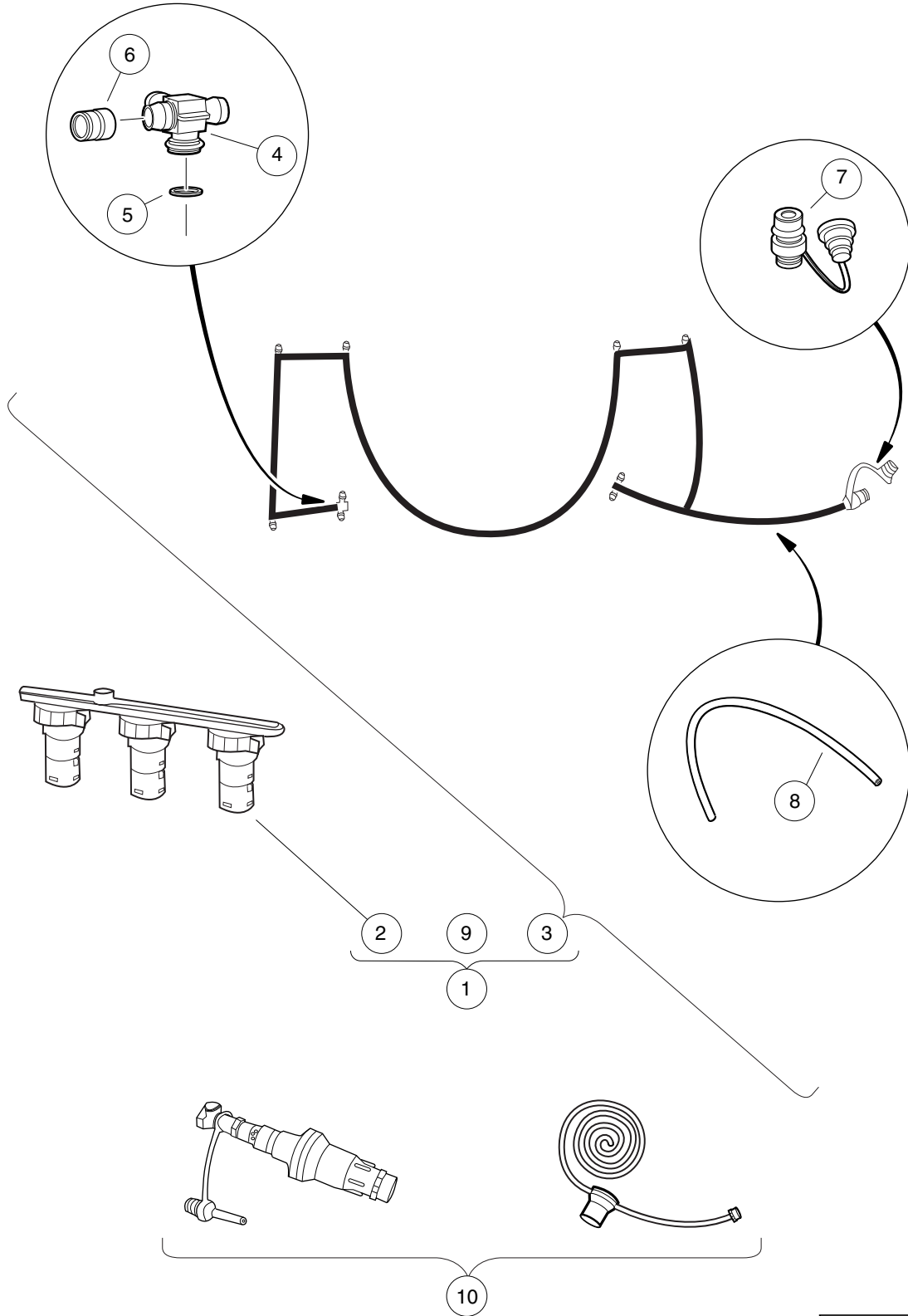
| ITEM | PART NO.  | DESCRIPTION                       | QTY |
|------|-----------|-----------------------------------|-----|
|      |           | <b>1 2 3 4</b>                    |     |
| 1    | 101856002 | Switch, Rocker, Single-Pole ..... | 1   |
| 2    | 101908401 | Boot, Switch .....                | 1   |
| 3    | 102296920 | Screw, M6 Torx Bttn Hd Sems ..... | 2   |
| 4    | 102508401 | Housing, FNR Electric .....       | 1   |
| 5    | 102511101 | Switch, Tow .....                 | 1   |
| 6    | 102538601 | 15 Amp Fuse .....                 | 1   |

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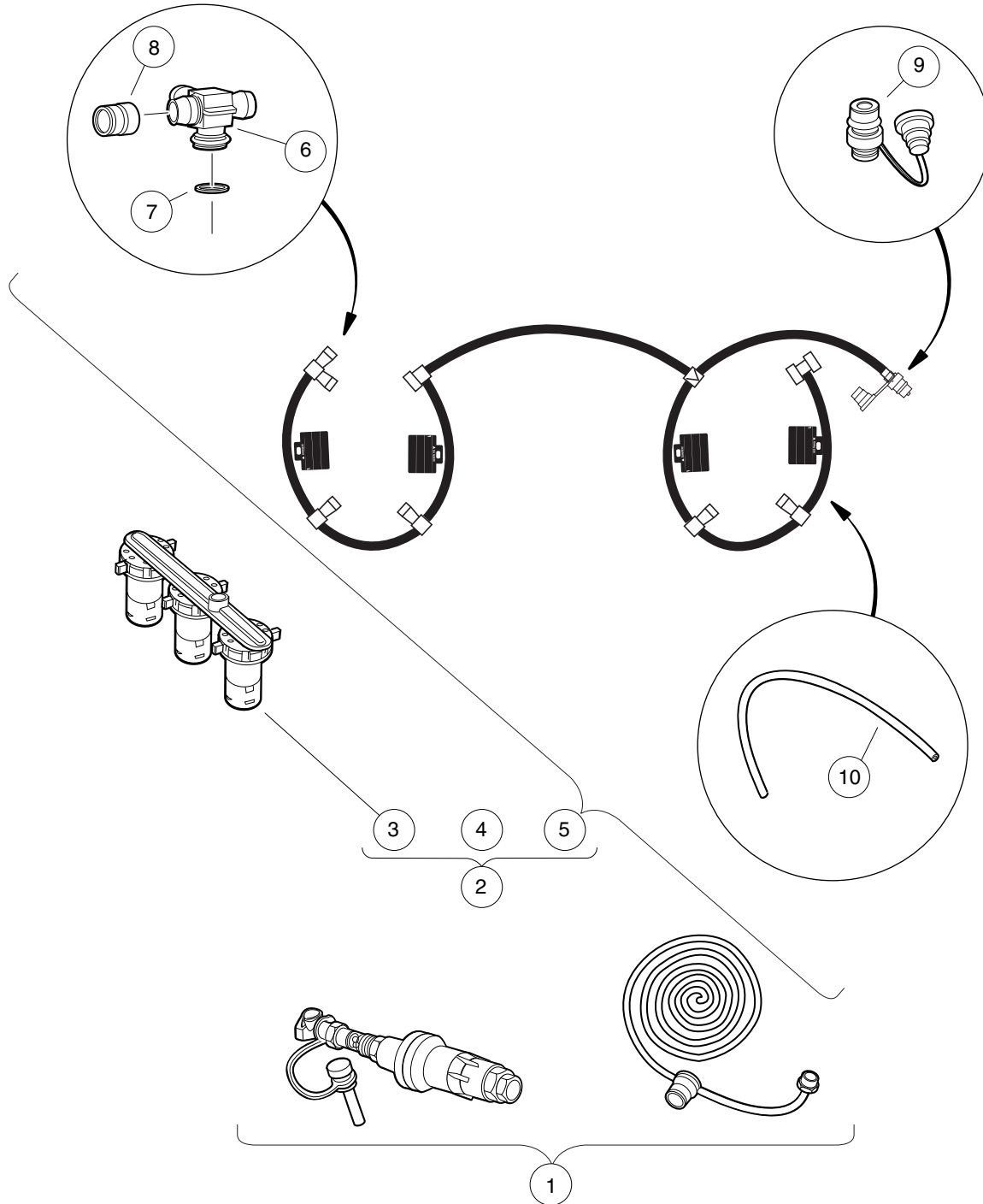
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000731-001

# SINGLE POINT WATERING SYSTEM, STYLE A

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



000731-002

SINGLE POINT WATERING SYSTEM, STYLE B

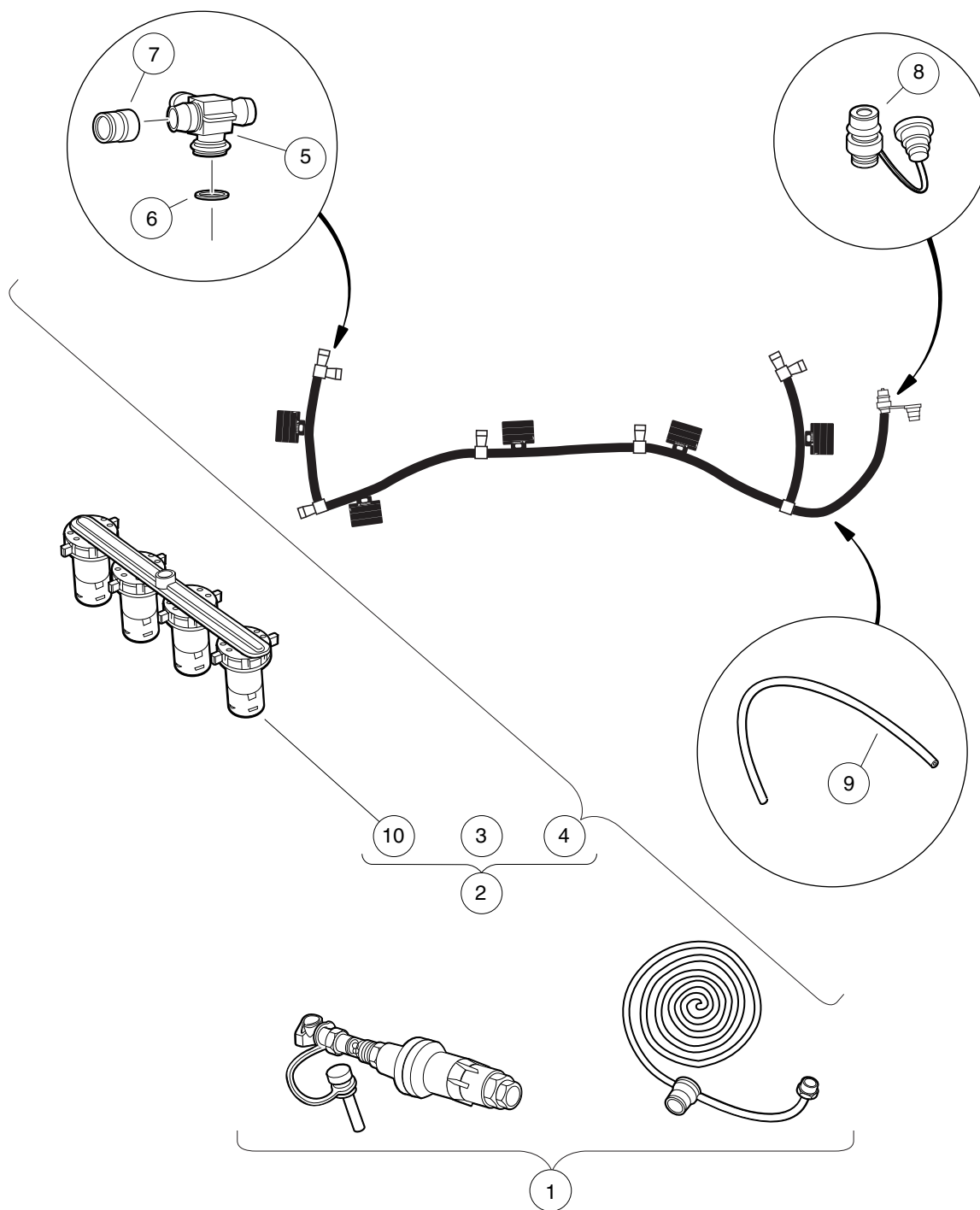
| ITEM | PART NO.  | DESCRIPTION                                                     | QTY |
|------|-----------|-----------------------------------------------------------------|-----|
|      |           | 1 2 3 4                                                         |     |
| 1    | 102958001 | Kit Regulated Hose Sply Spws .....                              | 1   |
| 2    | 103395503 | Kit, Spws F/r, Prec/res, 12v (includes items 3 through 5) ..... | 1   |
| 3    | 102956401 | Manifold, SPWS (Single-Point Watering System) .....             | 8   |
| 4    | N/A       | Instr Spws Kit Prec Ds Fr .....                                 | 1   |
| 5    | 103395402 | Asm Tube Spws Prec/res, 12v (includes items 6 through 10) ..... | 1   |
| 6    | 103226201 | Fitting Spws Swivel T .....                                     | 8   |
| 7    | 103226301 | O-ring Spws Swivel T .....                                      | 8   |
| 8    | 103226401 | Cap Spws Swivel T Red .....                                     | 9   |
| 9    | 103226601 | Coupler Male Spws Supply .....                                  | 1   |
| 10   | 103226701 | Tubing Spws .....                                               | A/R |

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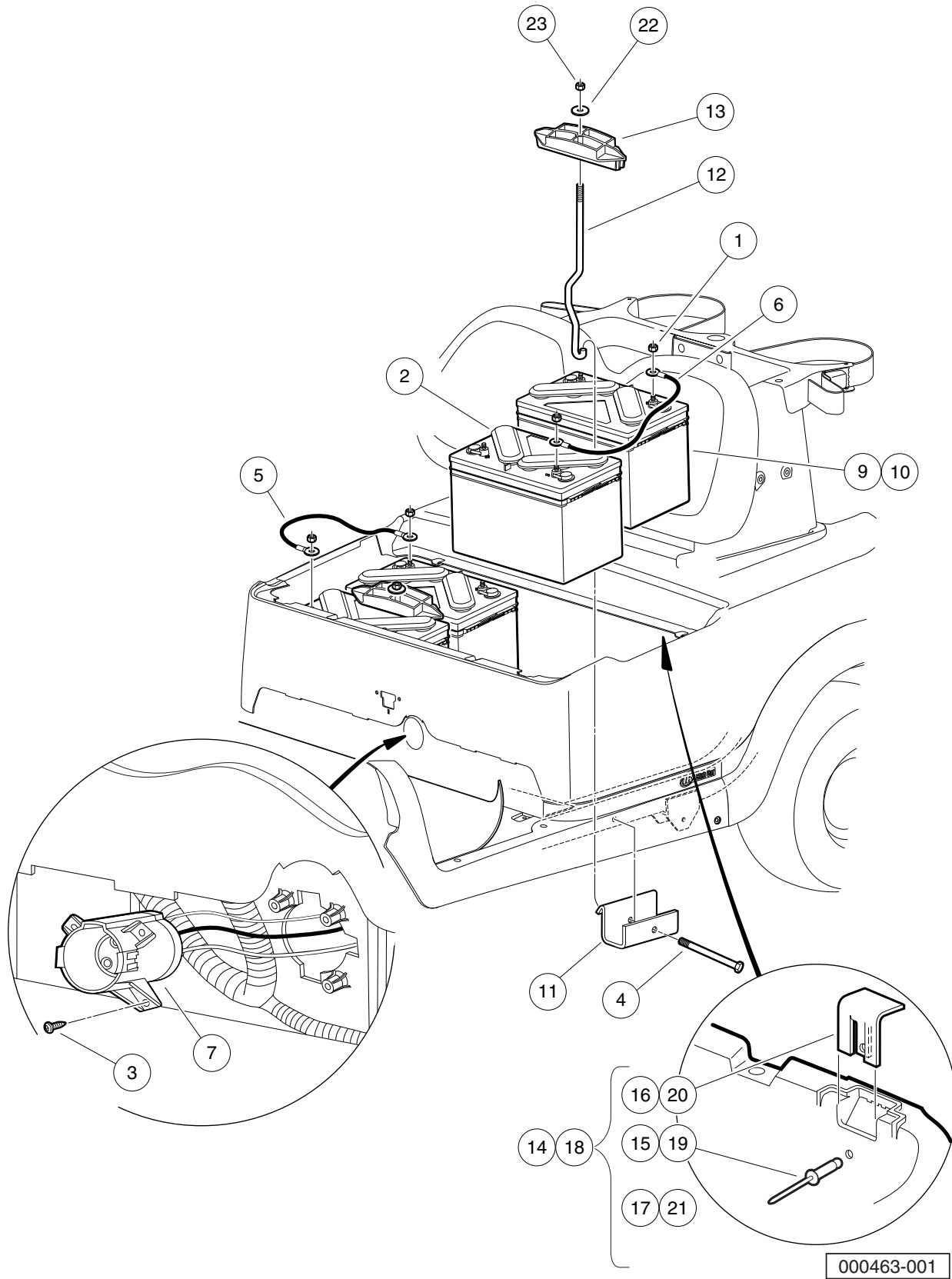
000731-003

SINGLE POINT WATERING SYSTEM, STYLE C

| ITEM | PART NO.  | DESCRIPTION                                                     | QTY |
|------|-----------|-----------------------------------------------------------------|-----|
|      |           | 1 2 3 4                                                         |     |
| 1    | 102958001 | Kit Regulated Hose Sply Spws .....                              | 1   |
| 2    | 103395501 | Kit, Spws F/r, Prec/res, 8v (includes items 3 through 10) ..... | 1   |
| 3    | N/A       | Instr Spws Kit Prec Ds Fr .....                                 | 1   |
| 4    | 103395401 | Asm Tube Spws Prec/res, 8v (includes items 5 through 9) .....   | 1   |
| 5    | 103226201 | Fitting Spws Swivel T .....                                     | 6   |
| 6    | 103226301 | O-ring Spws Swivel T .....                                      | 6   |
| 7    | 103226401 | Cap Spws Swivel T Red .....                                     | 7   |
| 8    | 103226601 | Coupler Male Spws Supply .....                                  | 1   |
| 9    | 103226701 | Tubing Spws .....                                               | A/R |
| 10   | 103510601 | Spws, Manifold Asm, Tr 8 Volt .....                             | 1   |

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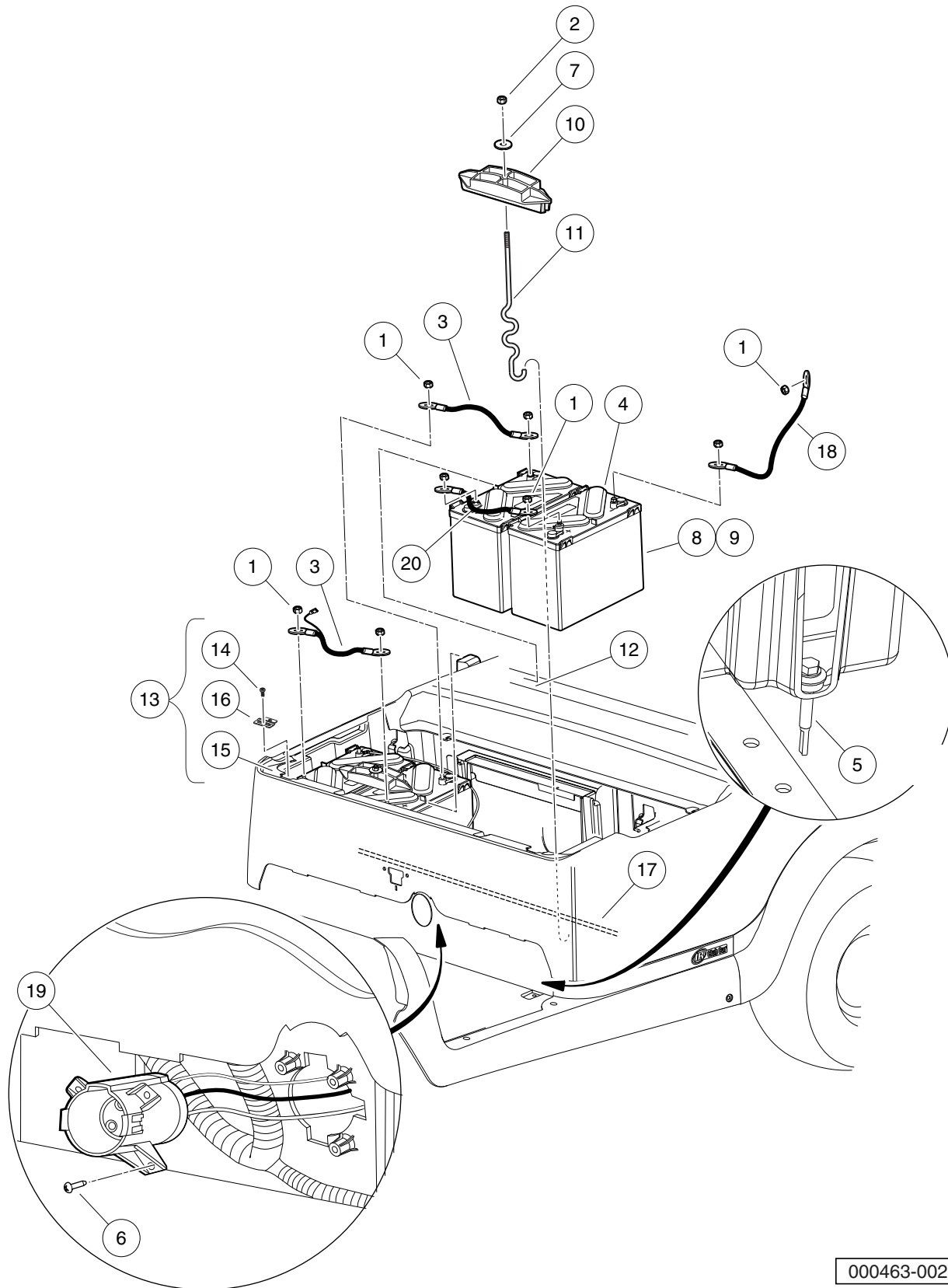


# BATTERIES, BUCKET, AND CHARGER RECEPTACLE – IQ SYSTEM, STYLE A

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

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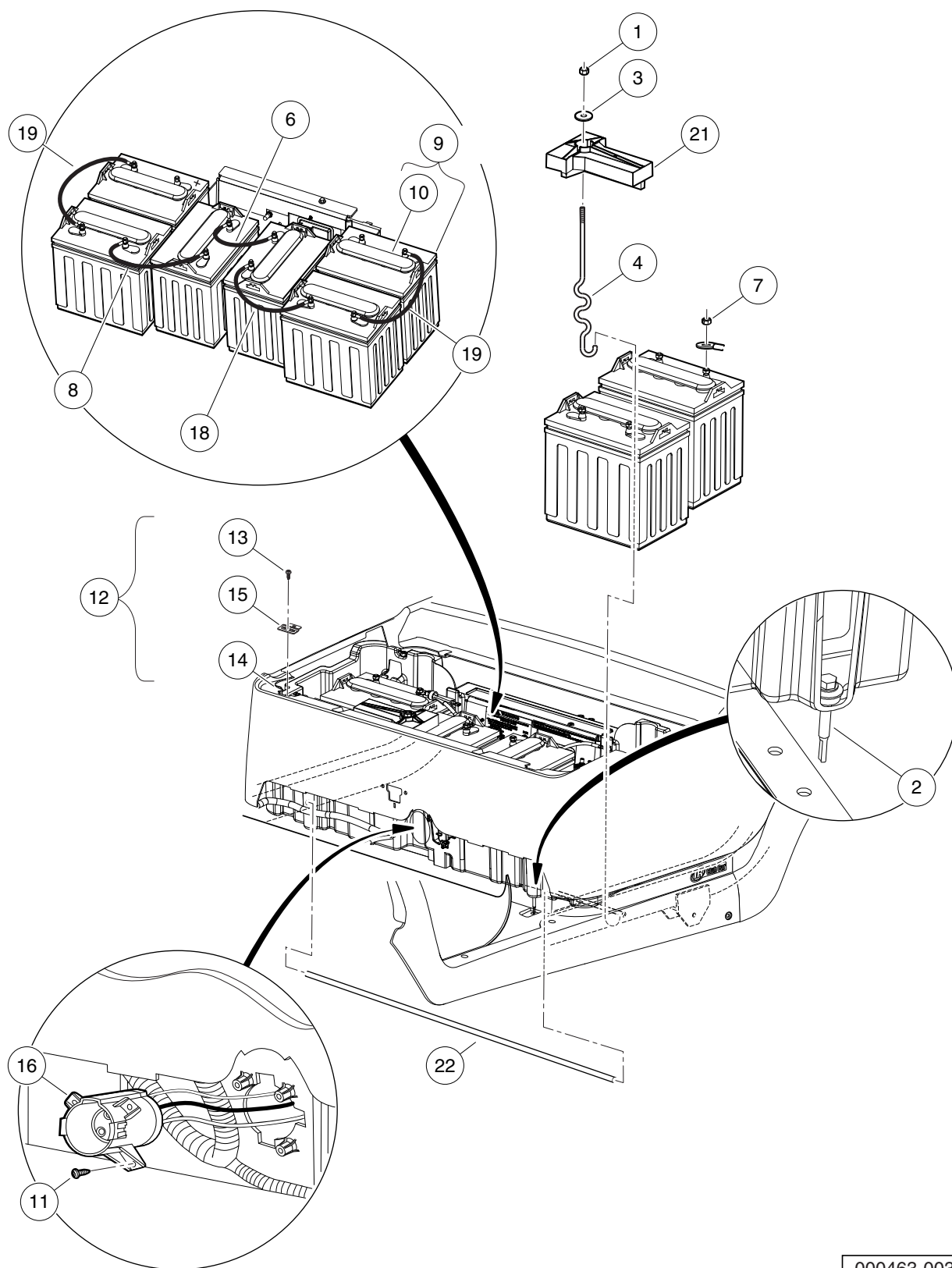
000463-002

# BATTERIES, BUCKET, AND CHARGER RECEPTACLE – IQ AND EXCEL SYSTEMS, STYLE B

| ITEM | PART NO.  | DESCRIPTION                                                        | QTY |
|------|-----------|--------------------------------------------------------------------|-----|
|      |           | <b>1 2 3 4</b>                                                     |     |
| 1    | 1014304   | Nut, 5/16-18 Stainless-Steel Hex .....                             | 8   |
| 2    | 1014555   | Locknut, 7/16-14 Nylon Hex .....                                   | 2   |
| 3    | 101795701 | Asm, Wire, #6blk 13in .....                                        | 2   |
| 4    | 101831401 | Battery Cap 6 Volt .....                                           | 8   |
| 5    | 101832001 | Screw, #7-19 X 0.625 Phillips Pan-Head Tap .....                   | 3   |
| 6    | 102292356 | Screw-1/4-20x56 Hwh Self Drill .....                               | 4   |
| 7    | 102491501 | Washer Hard,m10 .....                                              | 2   |
| 8    | 102511301 | Battery, Ventmaster 12-Volt (Wet) .....                            | 4   |
| 9    | 102511302 | Battery, Ventmaster 12-Volt (Dry, also known as moist) .....       | 4   |
| 10   | 102534001 | Clamp - Battery .....                                              | 2   |
| 11   | 103357701 | Bolt, Battery, "s" Hold-down .....                                 | 2   |
| 12   | 103358501 | Separator, Battery, 12 Volt .....                                  | 1   |
| 13   | 103368401 | Asm, Bucket, Batt, Elec, Prec (includes items 14 through 16) ..... | 1   |
| 14   | 102298020 | Screw, K80x20, Torx Pn Hd Pt .....                                 | 2   |
| 15   | N/A       | Bucket, Batt, Elec, Precedent .....                                | 1   |
| 16   | 103368301 | Hinge - Nested .....                                               | 2   |
| 17   | 103375301 | Tube, Cross, Battery Rod .....                                     | 1   |
| 18   | 103375401 | Asm, Ev Battery Positive .....                                     | 1   |
| 19   | 103375501 | Asm, Prec Restyle Receptacle .....                                 | 1   |
| 20   | 103376001 | Wire Asm #6 Blk, Prec/restyle .....                                | 1   |

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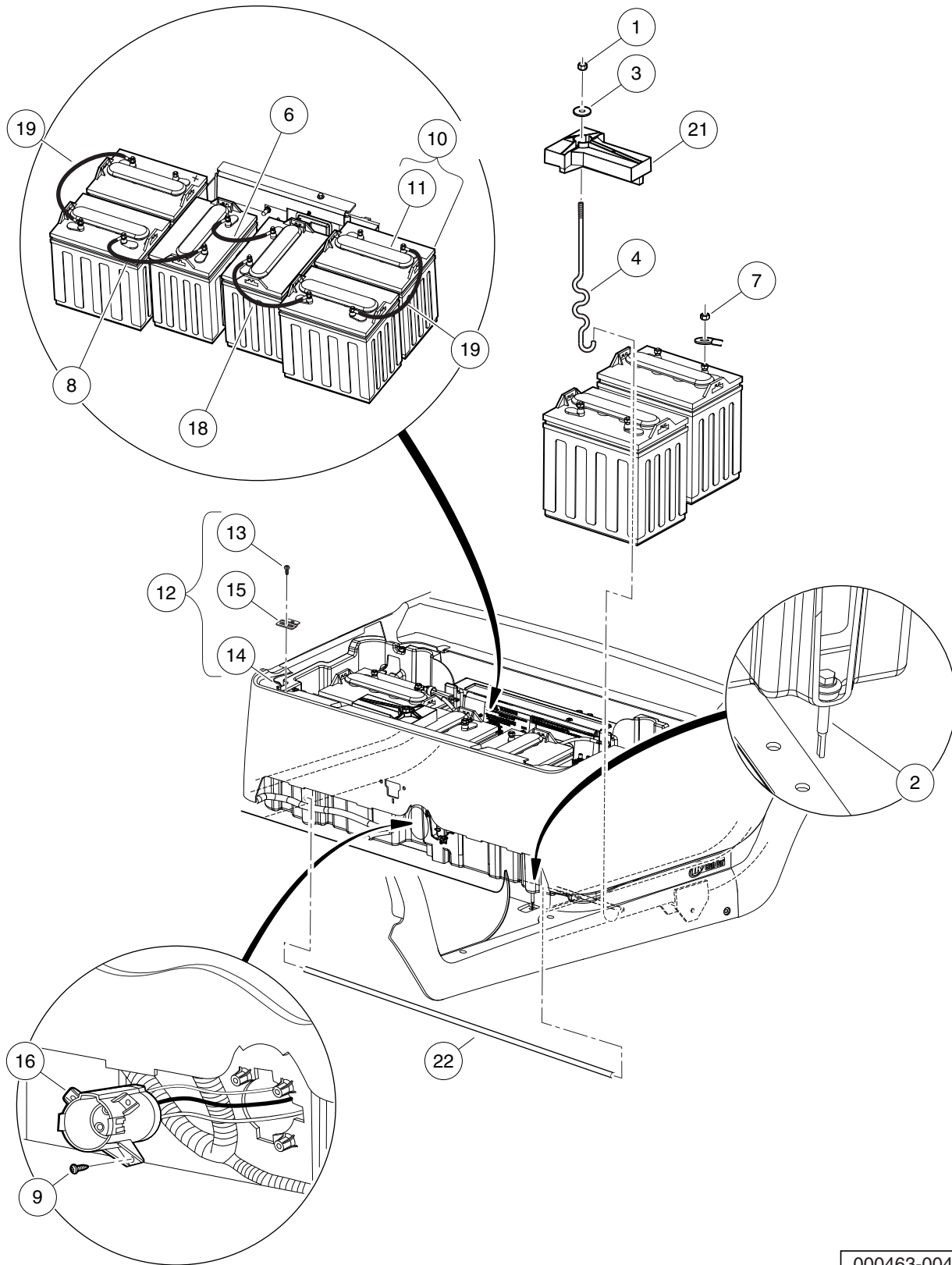
000463-003

# BATTERIES, BUCKET, AND CHARGER RECEPTACLE – IQ AND EXCEL SYSTEMS, STYLE C

| ITEM | PART NO.  | DESCRIPTION                                                        | QTY |
|------|-----------|--------------------------------------------------------------------|-----|
|      |           | <b>1 2 3 4</b>                                                     |     |
| 1    | 1014555   | Locknut, 7/16-14 Nylon Hex .....                                   | 2   |
| 2    | 102292356 | Screw-1/4-20x56 Hwh Self Drill .....                               | 4   |
| 3    | 102491501 | Washer Hard,m10 .....                                              | 2   |
| 4    | 103357701 | Bolt, Battery, "s" Hold-down .....                                 | 2   |
| 5    | N/A       | Bucket Asm - 8v (includes items 6 through 19) .....                | 1   |
| 6    | 1014304   | Nut, 5/16-18 Stainless-Steel Hex .....                             | 12  |
| 7    | 101797701 | Battery, 8-Volt, T875 (includes item 8) .....                      | 6   |
| 8    | 101797801 | Cap, 4-Gang Battery .....                                          | 1   |
| 9    | 101832001 | Screw, #7-19 X 0.625 Phillips Pan-Head Tap .....                   | 3   |
| 10   | 103368401 | Asm, Bucket, Batt, Elec, Prec (includes items 11 through 13) ..... | 1   |
| 11   | 102298020 | Screw, K80x20, Torx Pn Hd Pt .....                                 | 2   |
| 12   | N/A       | Bucket, Batt, Elec, Precedent .....                                | 1   |
| 13   | 103368301 | Hinge - Nested .....                                               | 2   |
| 14   | 103375501 | Asm, Prec Restyle Receptacle .....                                 | 1   |
| 15   | N/A       | Asm, Elec Module, Prec/res .....                                   | 1   |
| 16   | 103376001 | Wire Asm #6 Blk, Prec/restyle .....                                | 1   |
| 17   | 103647401 | Wire Asm #6 Blk, 5" .....                                          | 1   |
| 18   | 103647402 | Wire Asm #6 Blk, 12" .....                                         | 2   |
| 19   | 8639      | Tie Wrap, 11" Nylon .....                                          | 2   |
| 20   | 103374801 | Hold Down, Battery .....                                           | 2   |
| 21   | 103375301 | Tube, Cross, Battery Rod .....                                     | 1   |

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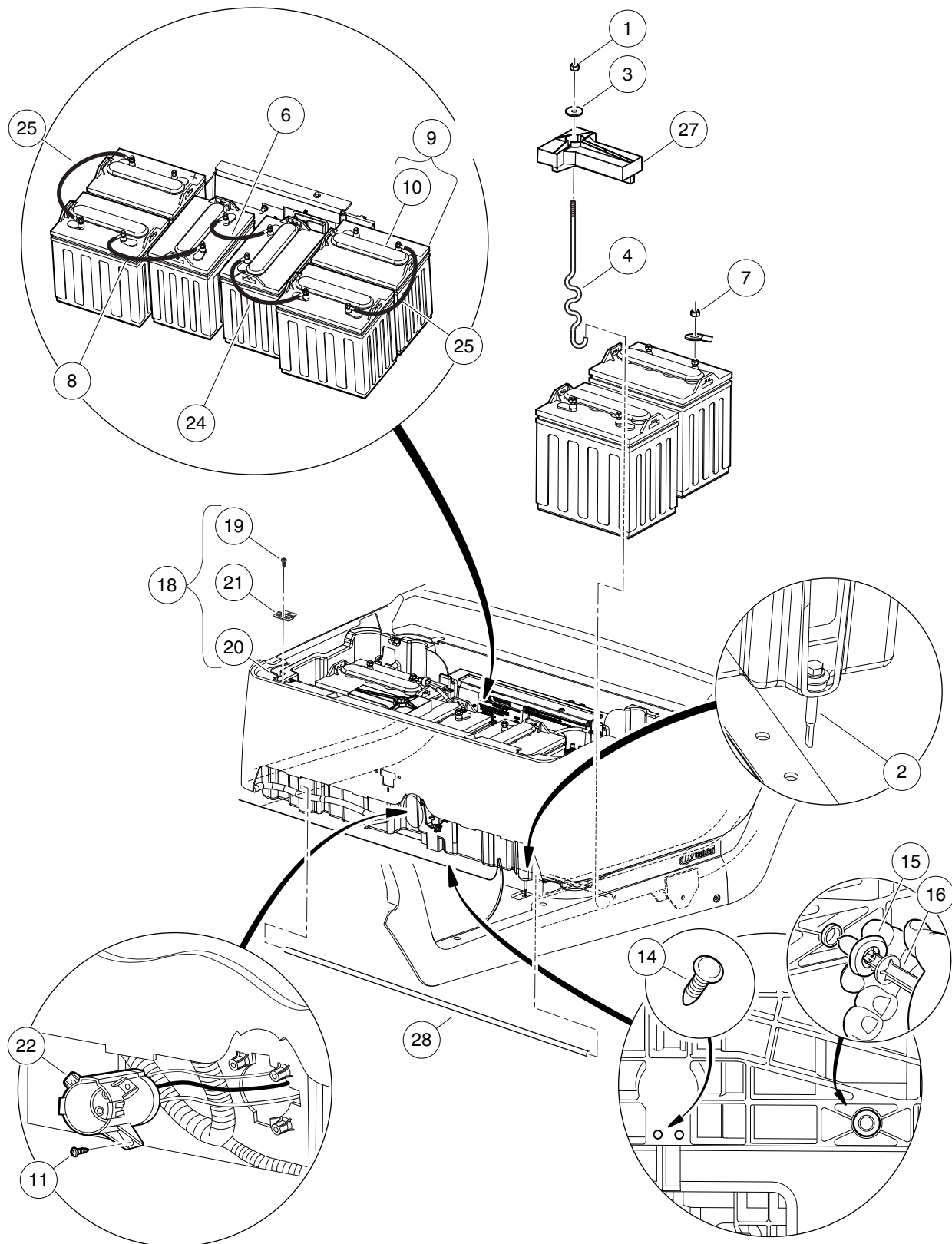
000463-004

# BATTERIES, BUCKET, AND CHARGER RECEPTACLE – IQ AND EXCEL SYSTEMS, HEAVY DUTY, STYLE C

| ITEM | PART NO.  | DESCRIPTION                                                        | QTY |
|------|-----------|--------------------------------------------------------------------|-----|
|      |           | <b>1 2 3 4</b>                                                     |     |
| 1    | 1014555   | Locknut, 7/16-14 Nylon Hex .....                                   | 2   |
| 2    | 102292356 | Screw-1/4-20x56 Hwh Self Drill .....                               | 4   |
| 3    | 102491501 | Washer Hard,m10 .....                                              | 2   |
| 4    | 103357701 | Bolt, Battery, "s" Hold-down .....                                 | 2   |
| 5    | N/A       | Bucket Asm - 8v, Hd (includes items 6 through 20) .....            | 1   |
| 6    | 1010958   | Asm, Wire, #6blk 8in .....                                         | 1   |
| 7    | 1014304   | Nut, 5/16-18 Stainless-Steel Hex .....                             | 12  |
| 8    | 101795701 | Asm, Wire, #6blk 13in .....                                        | 1   |
| 9    | 101832001 | Screw, #7-19 X 0.625 Phillips Pan-Head Tap .....                   | 3   |
| 10   | 101964201 | Battery, 8v Trojan T890 (Wet) (includes item 11) .....             | 6   |
| 11   | 101797801 | Cap, 4-Gang Battery .....                                          | 1   |
| 12   | 103368401 | Asm, Bucket, Batt, Elec, Prec (includes items 13 through 15) ..... | 1   |
| 13   | 102298020 | Screw, K80x20, Torx Pn Hd Pt .....                                 | 2   |
| 14   | N/A       | Bucket, Batt, Elec, Precedent .....                                | 1   |
| 15   | 103368301 | Hinge - Nested .....                                               | 2   |
| 16   | 103375501 | Asm, Prec Restyle Receptacle .....                                 | 1   |
| 17   | N/A       | Asm, Elec Module, Prec/res .....                                   | 1   |
| 18   | 103376001 | Wire Asm #6 Blk, Prec/restyle .....                                | 1   |
| 19   | 103413901 | Wire Asm, #6 Blk #21 .....                                         | 2   |
| 20   | 8639      | Tie Wrap, 11" Nylon .....                                          | 2   |
| 21   | 103374801 | Hold Down, Battery .....                                           | 2   |
| 22   | 103375301 | Tube, Cross, Battery Rod .....                                     | 1   |

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000463-005

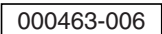


# BATTERIES, BUCKET, AND CHARGER RECEPTACLE – IQ AND EXCEL SYSTEMS, CE, STYLE C

| ITEM | PART NO.  | DESCRIPTION                                                        | QTY |
|------|-----------|--------------------------------------------------------------------|-----|
|      |           | <b>1 2 3 4</b>                                                     |     |
| 1    | 1014555   | Locknut, 7/16-14 Nylon Hex .....                                   | 2   |
| 2    | 102292356 | Screw-1/4-20x56 Hwh Self Drill .....                               | 4   |
| 3    | 102491501 | Washer Hard,m10 .....                                              | 2   |
| 4    | 103357701 | Bolt, Battery, "s" Hold-down .....                                 | 2   |
| 5    | N/A       | Bucket Asm - 8v, Ce (includes items 6 through 26) .....            | 1   |
| 6    | 1010958   | Asm, Wire, #6blk 8in .....                                         | 1   |
| 7    | 1014304   | Nut, 5/16-18 Stainless-Steel Hex .....                             | 12  |
| 8    | 101795701 | Asm, Wire, #6blk 13in .....                                        | 1   |
| 9    | 101797701 | Battery, 8-Volt, T875 (includes item 10) .....                     | 6   |
| 10   | 101797801 | Cap, 4-Gang Battery .....                                          | 1   |
| 11   | 101832001 | Screw, #7-19 X 0.625 Phillips Pan-Head Tap .....                   | 3   |
| 12   | 101865805 | Decal Ce .....                                                     | 1   |
| 13   | 102571202 | Kit Ce Plug - Bucket Elec (includes items 14 through 17) .....     | 1   |
| 14   | 1010434   | Barrel - Plastic .....                                             | 2   |
| 15   | N/A       | Plug, 1/2", Ce Bucket .....                                        | 6   |
| 16   | N/A       | Instal Tool, Ce Bucket Plug .....                                  | 1   |
| 17   | N/A       | Instr, Prec Ce Bucket Plug .....                                   | 1   |
| 18   | 103368401 | Asm, Bucket, Batt, Elec, Prec (includes items 19 through 21) ..... | 1   |
| 19   | 102298020 | Screw, K80x20, Torx Pn Hd Pt .....                                 | 2   |
| 20   | N/A       | Bucket, Batt, Elec, Precedent .....                                | 1   |
| 21   | 103368301 | Hinge - Nested .....                                               | 2   |
| 22   | 103375501 | Asm, Prec Restyle Receptacle .....                                 | 1   |
| 23   | N/A       | Asm, Elec Module, Prec/res, Ce .....                               | 1   |
| 24   | 103376001 | Wire Asm #6 Blk, Prec/restyle .....                                | 1   |
| 25   | 103413901 | Wire Asm, #6 Blk #21 .....                                         | 2   |
| 26   | 8639      | Tie Wrap, 11" Nylon .....                                          | 2   |
| 27   | 103374801 | Hold Down, Battery .....                                           | 2   |
| 28   | 103375301 | Tube, Cross, Battery Rod .....                                     | 1   |

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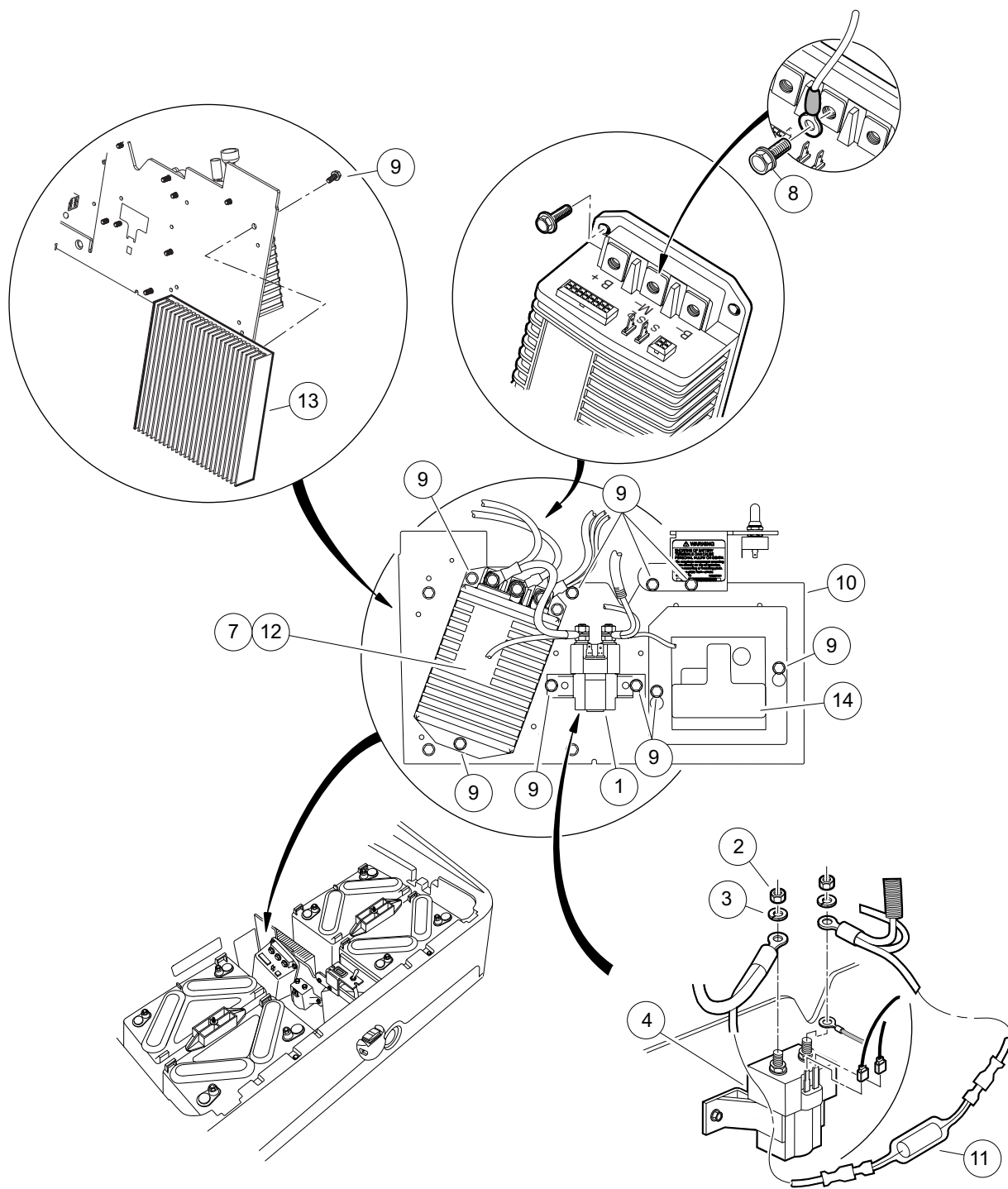


# BATTERIES, BUCKET, AND CHARGER RECEPTACLE – IQ AND EXCEL SYSTEMS, HEAVY DUTY, CE, STYLE C

| ITEM | PART NO.  | DESCRIPTION                                                        | QTY |
|------|-----------|--------------------------------------------------------------------|-----|
|      |           | <b>1 2 3 4</b>                                                     |     |
| 1    | 1014555   | Locknut, 7/16-14 Nylon Hex .....                                   | 2   |
| 2    | 102292356 | Screw-1/4-20x56 Hwh Self Drill .....                               | 4   |
| 3    | 102491501 | Washer Hard,m10 .....                                              | 2   |
| 4    | 103357701 | Bolt, Battery, "s" Hold-down .....                                 | 2   |
| 5    | N/A       | Bucket Asm - 8v, Hd, Ce (includes items 6 through 26) .....        | 1   |
| 6    | 1010958   | Asm, Wire, #6blk 8in .....                                         | 1   |
| 7    | 1014304   | Nut, 5/16-18 Stainless-Steel Hex .....                             | 12  |
| 8    | 101795701 | Asm, Wire, #6blk 13in .....                                        | 1   |
| 9    | 101832001 | Screw, #7-19 X 0.625 Phillips Pan-Head Tap .....                   | 3   |
| 10   | 101865805 | Decal Ce .....                                                     | 1   |
| 11   | 101964201 | Battery, 8v Trojan T890 (Wet) (includes item 12) .....             | 6   |
| 12   | 101797801 | Cap, 4-Gang Battery .....                                          | 1   |
| 13   | 102571202 | Kit Ce Plug - Bucket Elec (includes items 14 through 17) .....     | 1   |
| 14   | 1010434   | Barrel - Plastic .....                                             | 2   |
| 15   | N/A       | Plug, 1/2", Ce Bucket .....                                        | 6   |
| 16   | N/A       | Instal Tool, Ce Bucket Plug .....                                  | 1   |
| 17   | N/A       | Instr, Prec Ce Bucket Plug .....                                   | 1   |
| 18   | 103368401 | Asm, Bucket, Batt, Elec, Prec (includes items 19 through 21) ..... | 1   |
| 19   | 102298020 | Screw, K80x20, Torx Pn Hd Pt .....                                 | 2   |
| 20   | N/A       | Bucket, Batt, Elec, Precedent .....                                | 1   |
| 21   | 103368301 | Hinge - Nested .....                                               | 2   |
| 22   | 103375501 | Asm, Prec Restyle Receptacle .....                                 | 1   |
| 23   | N/A       | Asm, Elec Module, Prec/res, Ce .....                               | 1   |
| 24   | 103376001 | Wire Asm #6 Blk, Prec/restyle .....                                | 1   |
| 25   | 103413901 | Wire Asm, #6 Blk #21 .....                                         | 2   |
| 26   | 8639      | Tie Wrap, 11" Nylon .....                                          | 2   |
| 27   | 103374801 | Hold Down, Battery .....                                           | 2   |
| 28   | 103375301 | Tube, Cross, Battery Rod .....                                     | 1   |

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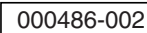
000486-001

# COMPUTER, CONTROLLER, AND SOLENOID – IQ SYSTEM, STYLE A

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

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# COMPUTER, CONTROLLER, AND SOLENOID – IQ SYSTEM, STYLES B AND C

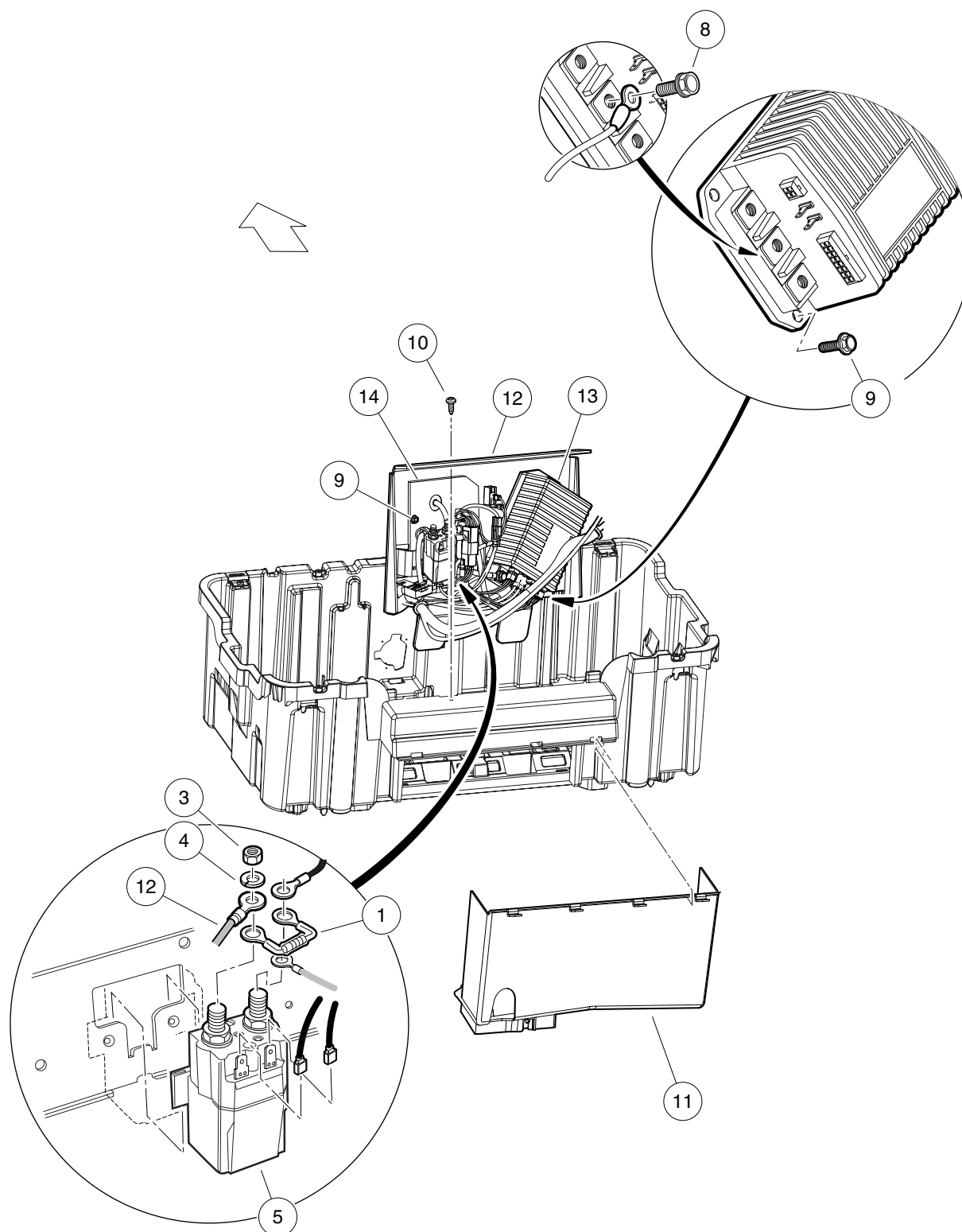
| ITEM                                                         | PART NO.  | DESCRIPTION                                          | QTY |
|--------------------------------------------------------------|-----------|------------------------------------------------------|-----|
|                                                              |           | <b>1 2 3 4</b>                                       |     |
| 1                                                            | 1014947   | Resistor Assembly .....                              | 1   |
| 2                                                            | 101908701 | Solenoid, 48-Volt (includes items 3 through 7) ..... | 1   |
| 3                                                            | 1012528   | Nut, M8-1.25 Hex .....                               | 2   |
| 4                                                            | 1013734   | Lockwasher, 8mm Split .....                          | 2   |
| 5                                                            | N/A       | Solenoid, 48-Volt .....                              | 1   |
| 6                                                            | N/A       | Washer, Lock .....                                   | 2   |
| 7                                                            | N/A       | Nut .....                                            | 2   |
| 8                                                            | 102240501 | Bolt, Controller, Terminal .....                     | 3   |
| 9                                                            | 102296716 | Screw, M6 X 16 Tt Hx Fl Hd .....                     | 11  |
| 10                                                           | 102298020 | Screw, K80x20, Torx Pn Hd Pt .....                   | 1   |
| 11                                                           | 102806201 | Controller, IQ, 48-volt .....                        | 1   |
| 12                                                           | 102806203 | Controller, 48v Iq Golf, Ce .....                    | 1   |
| 13                                                           | 103367901 | Shield - Controller .....                            | 1   |
| 14                                                           | 103375401 | Asm, Ev Battery Positive .....                       | 1   |
| 15                                                           | 103446601 | Obc, Prec, V4.0 .....                                | 1   |
| 16                                                           | 103449601 | Bead, Ferrite, Fair-rite .....                       | 1   |
| 17                                                           | 103498501 | Watershed, Controller, Angle .....                   | 1   |
| 18                                                           | 103639401 | Component Mounting Plate, Cast .....                 | 1   |
| Note: Item 16 is for vehicles shipped to the European Union. |           |                                                      |     |

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000486-003



# COMPUTER, CONTROLLER, AND SOLENOID – EXCEL SYSTEM, STYLES B AND C

| ITEM | PART NO.  | DESCRIPTION                                          | QTY |
|------|-----------|------------------------------------------------------|-----|
|      |           | <b>1 2 3 4</b>                                       |     |
| 1    | 1014947   | Resistor Assembly .....                              | 1   |
| 2    | 101908701 | Solenoid, 48-Volt (includes items 3 through 7) ..... | 1   |
| 3    | 1012528   | Nut, M8-1.25 Hex .....                               | 2   |
| 4    | 1013734   | Lockwasher, 8mm Split .....                          | 2   |
| 5    | N/A       | Solenoid, 48-Volt .....                              | 1   |
| 6    | N/A       | Washer, Lock .....                                   | 2   |
| 7    | N/A       | Nut .....                                            | 2   |
| 8    | 102240501 | Bolt, Controller, Terminal .....                     | 3   |
| 9    | 102296716 | Screw, M6 X 16 Tt Hx Fl Hd .....                     | 11  |
| 10   | 102298020 | Screw, K80x20, Torx Pn Hd Pt .....                   | 1   |
| 11   | 103367901 | Shield - Controller .....                            | 1   |
| 12   | 103375401 | Asm, Ev Battery Positive .....                       | 1   |
| 13   | 103403401 | Controller, Excel .....                              | 1   |
| 14   | 103446601 | Obc, Prec, V4.0 .....                                | 1   |
| 15   | 103498501 | Watershed, Controller, Angle .....                   | 1   |
| 16   | 103639401 | Component Mounting Plate, Cast .....                 | 1   |

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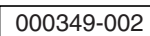
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# ELECTRIC MOTOR

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**13**

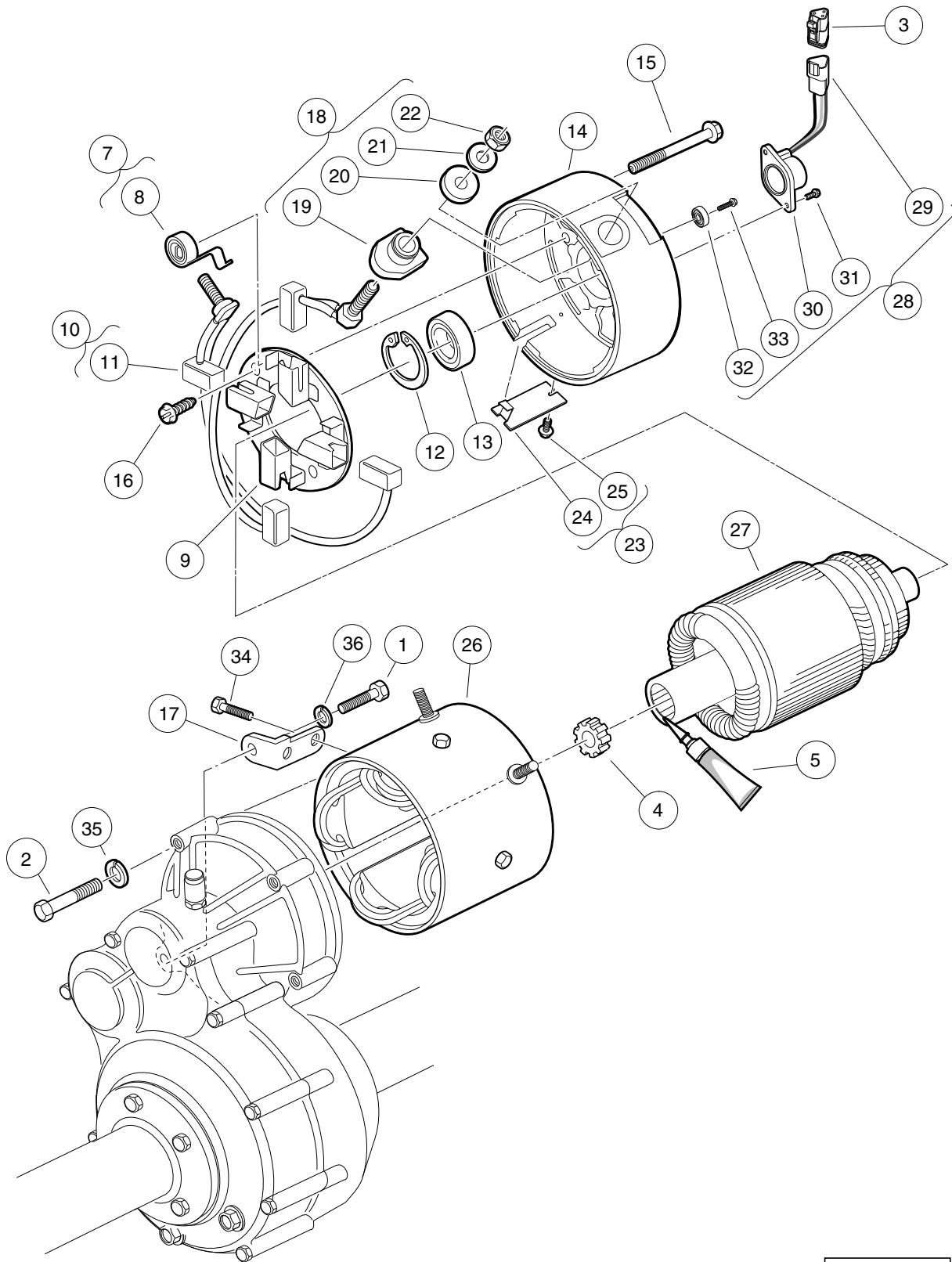
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# MOTOR (MODEL 5BC59JBS6390) – ELECTRIC VEHICLE

| ITEM                                                                                                                | PART NO.  | DESCRIPTION                                                             | QTY |
|---------------------------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------|-----|
|                                                                                                                     |           | <b>1 2 3 4</b>                                                          |     |
| 1                                                                                                                   | 1010934   | Screw, 5/16-18 X 1.00 Hex Cap .....                                     | 1   |
| 2                                                                                                                   | 1014201   | Screw, 1/4-20 X 2.25 Hex Cap .....                                      | 3   |
| 3                                                                                                                   | 101920101 | Kit, 3-Pin Wedge Lock .....                                             | 1   |
| 4                                                                                                                   | 102235201 | Bumper, Drive Unit .....                                                | 1   |
| 5                                                                                                                   | N/A       | Motor, 48-Volt Non-Skew IQ * (includes items 6 through 27) .....        | 1   |
| 6                                                                                                                   | 1017944   | End Shield .....                                                        | 1   |
| 7                                                                                                                   | 1017947   | Hardware Package (includes items 8 through 11) .....                    | 1   |
| 8                                                                                                                   | 1011280   | Locknut, 5/16-18 .....                                                  | 4   |
| 9                                                                                                                   | N/A       | Insulator Bushing .....                                                 | 2   |
| 10                                                                                                                  | N/A       | Insulated Bushing .....                                                 | 2   |
| 11                                                                                                                  | 1241      | Washer, 5/16 Type A Flat .....                                          | 4   |
| 12                                                                                                                  | 1017949   | Screw, #6-32 X 0.480 Hex-Head .....                                     | 2   |
| 13                                                                                                                  | 1017950   | Bearing Retainer .....                                                  | 1   |
| 14                                                                                                                  | 1017953   | Screw, Bearing Retainer .....                                           | 2   |
| 15                                                                                                                  | 102265701 | Kit, Bearing and Magnet (includes items 16 and 17) .....                | 1   |
| 16                                                                                                                  | 1011290   | Ball Bearing .....                                                      | 1   |
| 17                                                                                                                  | 102265801 | Magnet .....                                                            | 1   |
| 18                                                                                                                  | 102265901 | Motor End Shield Asm (includes items 19 through 23) .....               | 1   |
| 19                                                                                                                  | 102265601 | Speed Sensor Assembly (includes items 20 and 21) .....                  | 1   |
| 20                                                                                                                  | 101942301 | Kit, 3-Pin Wedge Lock .....                                             | 1   |
| 21                                                                                                                  | N/A       | Sensor, Speed, without Connector .....                                  | 1   |
| 22                                                                                                                  | 102266001 | End Shield, Motor .....                                                 | 1   |
| 23                                                                                                                  | 102267001 | Screw, #8-32 X 0.375 Hex-Head .....                                     | 1   |
| 24                                                                                                                  | 102266101 | Screw, #10 - 32 X 8.250 .....                                           | 4   |
| 25                                                                                                                  | 103325701 | Stator Shell and Winding .....                                          | 1   |
| 26                                                                                                                  | 103325801 | Non Skew Armature .....                                                 | 1   |
| 27                                                                                                                  | 103337601 | Brush Assembly, IQ Motor, Non-Skew (includes items 28 through 31) ..... | 1   |
| 28                                                                                                                  | 1011411   | Kit, Brush Spring (ge Motor) (includes item 29) .....                   | 1   |
| 29                                                                                                                  | N/A       | Brush Spring .....                                                      | 4   |
| 30                                                                                                                  | 103325501 | Brush Rigging, Non-Skew Motor .....                                     | 1   |
| 31                                                                                                                  | 103325601 | Brush Set, Non-Skew .....                                               | 1   |
| 32                                                                                                                  | 102243403 | Lubricant, Moly-Teflon (Single-Use Tube) .....                          | 1   |
| 33                                                                                                                  | 451       | Lockwasher, 1/4 Split .....                                             | 3   |
| 34                                                                                                                  | 7174      | Lockwasher, 5/16 Split .....                                            | 1   |
| <p>* Note: The model 5BC59JBS6390 motor has been discontinued. To replace the motor, use motor model EJ8-4001A.</p> |           |                                                                         |     |

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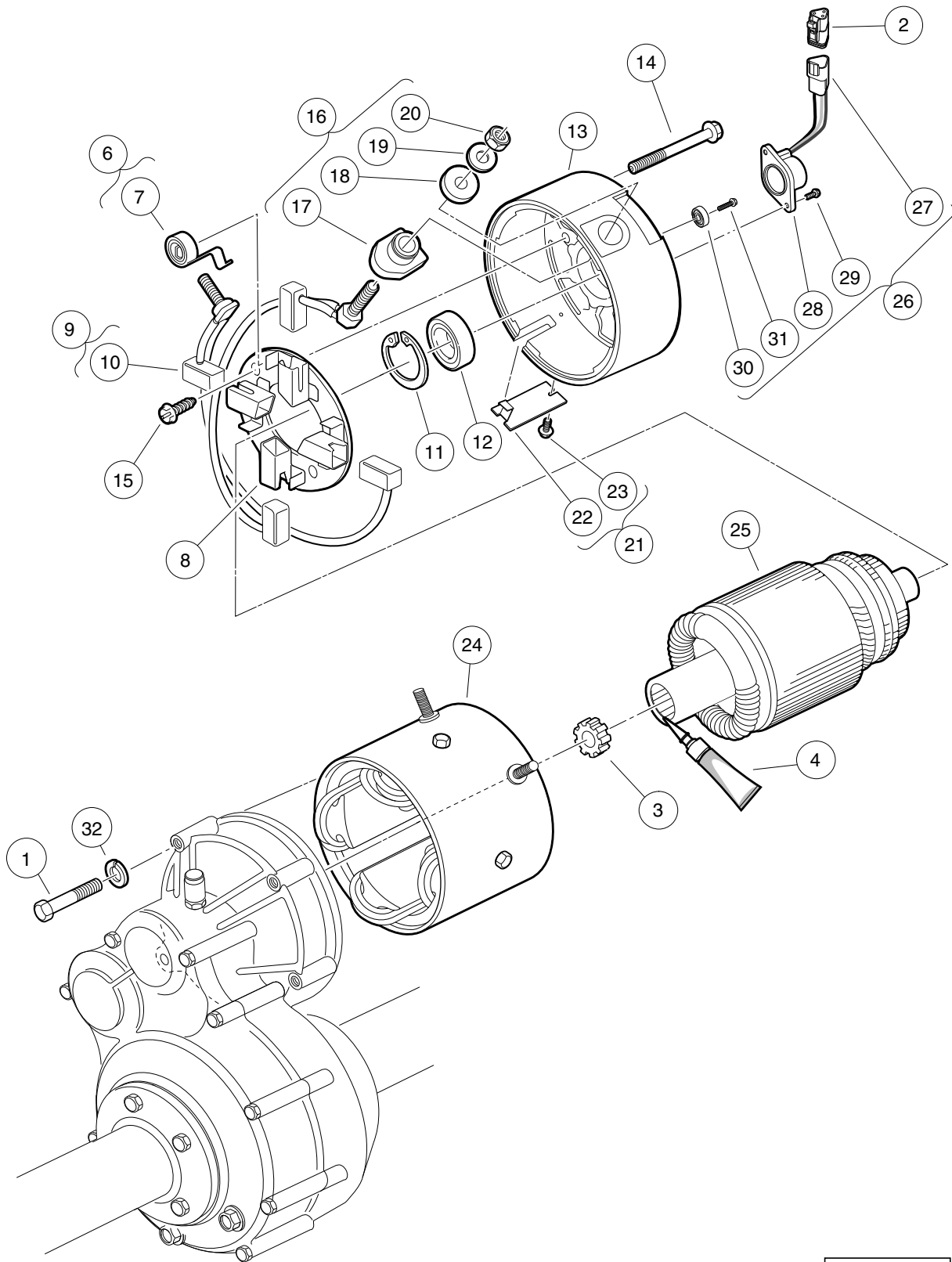


000185-001

# MOTOR (MODEL EJ4-4001) – ELECTRIC VEHICLE

| ITEM                                                                                                            | PART NO.  | DESCRIPTION                                                            | QTY |
|-----------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------|-----|
|                                                                                                                 |           | <b>1 2 3 4</b>                                                         |     |
| 1                                                                                                               | 1010934   | Screw, 5/16-18 X 1.00 Hex Cap .....                                    | 1   |
| 2                                                                                                               | 1014201   | Screw, 1/4-20 X 2.25 Hex Cap .....                                     | 3   |
| 3                                                                                                               | 101920101 | Kit, 3-Pin Wedge Lock .....                                            | 1   |
| 4                                                                                                               | 102235201 | Bumper, Drive Unit .....                                               | 1   |
| 5                                                                                                               | 102243403 | Lubricant, Moly-Teflon (Single-Use Tube) .....                         | 1   |
| 6                                                                                                               | N/A       | IQ Electric Motor, 48-VDC 3.3 hp * (includes items 7 through 34) ..... | 1   |
| 7                                                                                                               | 102186001 | Spring Kit, Motor Brush (includes item 8) .....                        | 1   |
| 8                                                                                                               | N/A       | Spring, Brush, S-g .....                                               | 4   |
| 9                                                                                                               | 102186101 | Brush Box Assembly .....                                               | 1   |
| 10                                                                                                              | 102186201 | Brush Kit, Motor (includes item 11) .....                              | 1   |
| 11                                                                                                              | N/A       | Assembly, Brush and Terminal .....                                     | 2   |
| 12                                                                                                              | 102186301 | Ring, 2.24" Internal Retaining .....                                   | 1   |
| 13                                                                                                              | 102186401 | Bearing, Ball .....                                                    | 1   |
| 14                                                                                                              | 102186701 | End Cap, Motor .....                                                   | 1   |
| 15                                                                                                              | N/A       | Screw, 1/4-20 X 2.25 Hex-Head Washer .....                             | 2   |
| 16                                                                                                              | 102186901 | Screw, #8-32 X .5 Hex-Head .....                                       | 2   |
| 17                                                                                                              | 102187001 | L-Bracket, Motor .....                                                 | 1   |
| 18                                                                                                              | 102187101 | 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                                                                                                              | N/A       | 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                                                                                                              | 102704701 | Frame and Field Assembly .....                                         | 1   |
| 27                                                                                                              | 102704801 | Armature Assembly .....                                                | 1   |
| 28                                                                                                              | 102704901 | Kit, Speed Sensor (includes items 29 through 33) .....                 | 1   |
| 29                                                                                                              | 101942301 | 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                                                                                                              | 451       | Lockwasher, 1/4 Split .....                                            | 3   |
| 36                                                                                                              | 7174      | Lockwasher, 5/16 Split .....                                           | 1   |
| <p>* Note: The model EJ4-4001 motor has been discontinued. To replace the motor, use motor model EJ8-4001A.</p> |           |                                                                        |     |

**13**
**E**



000185-002



# MOTOR (MODEL EJ8-4001A) – ELECTRIC VEHICLE

| ITEM | PART NO.  | DESCRIPTION                                                          | QTY |
|------|-----------|----------------------------------------------------------------------|-----|
|      |           | <b>1 2 3 4</b>                                                       |     |
| 1    | 1014201   | Screw, 1/4-20 X 2.25 Hex Cap .....                                   | 3   |
| 2    | 101920101 | Kit, 3-Pin Wedge Lock .....                                          | 1   |
| 3    | 102235201 | Bumper, Drive Unit .....                                             | 1   |
| 4    | 102243403 | Lubricant, Moly-Teflon (Single-Use Tube) .....                       | 1   |
| 5    | 103572501 | IQ Electric Motor, 48-VDC 3.3 hp (includes items 6 through 26) ..... | 1   |
| 6    | 102186001 | Spring Kit, Motor Brush (includes item 7) .....                      | 1   |
| 7    | N/A       | Spring, Brush, S-g .....                                             | 4   |
| 8    | 102186101 | Brush Box Assembly .....                                             | 1   |
| 9    | 102186201 | Brush Kit, Motor (includes item 10) .....                            | 1   |
| 10   | N/A       | Assembly, Brush and Terminal .....                                   | 2   |
| 11   | 102186301 | Ring, 2.24" Internal Retaining .....                                 | 1   |
| 12   | 102186401 | Bearing, Ball .....                                                  | 1   |
| 13   | 102186701 | End Cap, Motor .....                                                 | 1   |
| 14   | N/A       | Screw, 1/4-20 X 2.25 Hex-Head Washer .....                           | 2   |
| 15   | 102186901 | Screw, #8-32 X .5 Hex-Head .....                                     | 2   |
| 16   | 102187101 | Hardware Kit, Motor Terminal (includes items 17 through 20) .....    | 2   |
| 17   | N/A       | Bushing, Nylon .....                                                 | 2   |
| 18   | N/A       | Washer, Nylon Flat .....                                             | 2   |
| 19   | N/A       | Washer, Flat, 5/16 Steel .....                                       | 2   |
| 20   | N/A       | Nut, Brass Hex, 5/16 - 18 .....                                      | 2   |
| 21   | N/A       | Plate Kit, Motor Cover (includes items 22 and 23) .....              | 1   |
| 22   | N/A       | Assembly, Cover Plate .....                                          | 1   |
| 23   | N/A       | Screw, #8-32 x 0.375, Taptite Thread .....                           | 1   |
| 24   | 102704701 | Frame and Field Assembly .....                                       | 1   |
| 25   | 102704801 | Armature Assembly .....                                              | 1   |
| 26   | 102704901 | Kit, Speed Sensor (includes items 27 through 31) .....               | 1   |
| 27   | 101942301 | Kit, 3-Pin Wedge Lock .....                                          | 1   |
| 28   | N/A       | Sensor, Motor Speed, ADC .....                                       | 1   |
| 29   | N/A       | Screw, #8-32, Taptite Thread .....                                   | 2   |
| 30   | N/A       | Magnet, ADC Motor .....                                              | 1   |
| 31   | N/A       | Screw, 1/4-20 x 0.5 .....                                            | 1   |
| 32   | 451       | Lockwasher, 1/4 Split .....                                          | 3   |

**13**

**E**

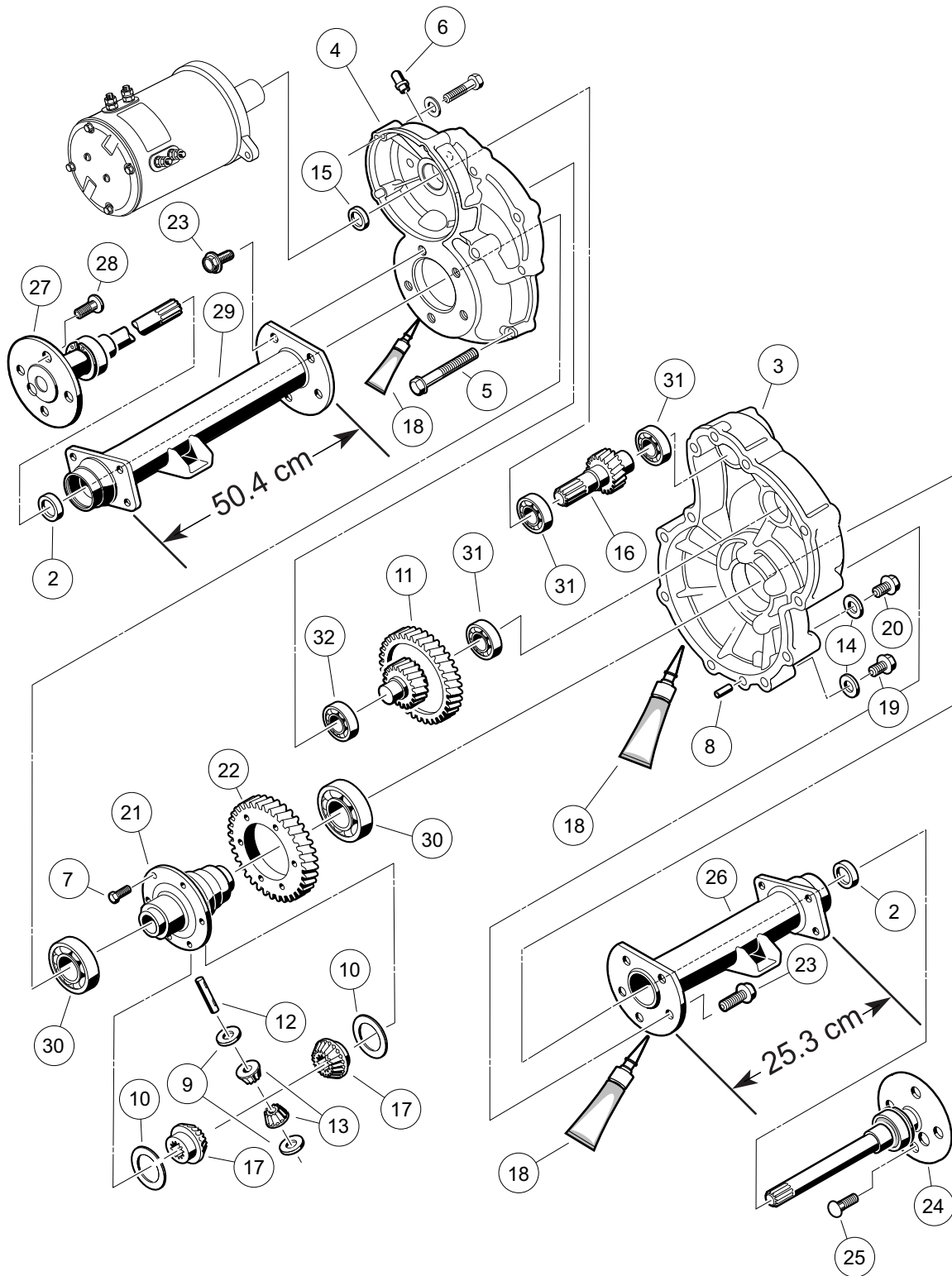


# TRANSAXLE – ELECTRIC VEHICLES

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14

*E*



000223-002

# TRANSAXLE – ELECTRIC VEHICLES

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

**14**

**E**



# BATTERY CHARGER

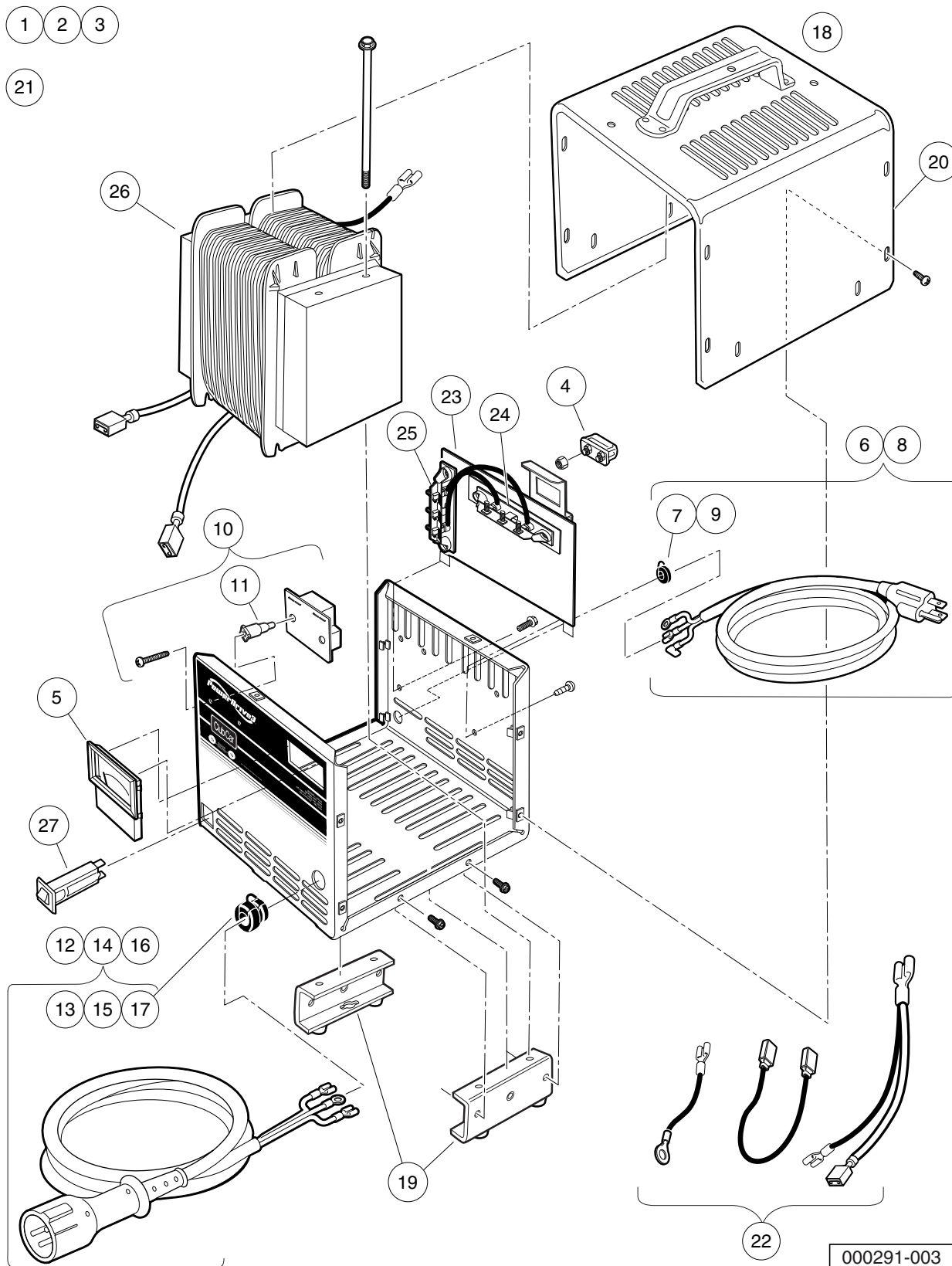
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000291-003

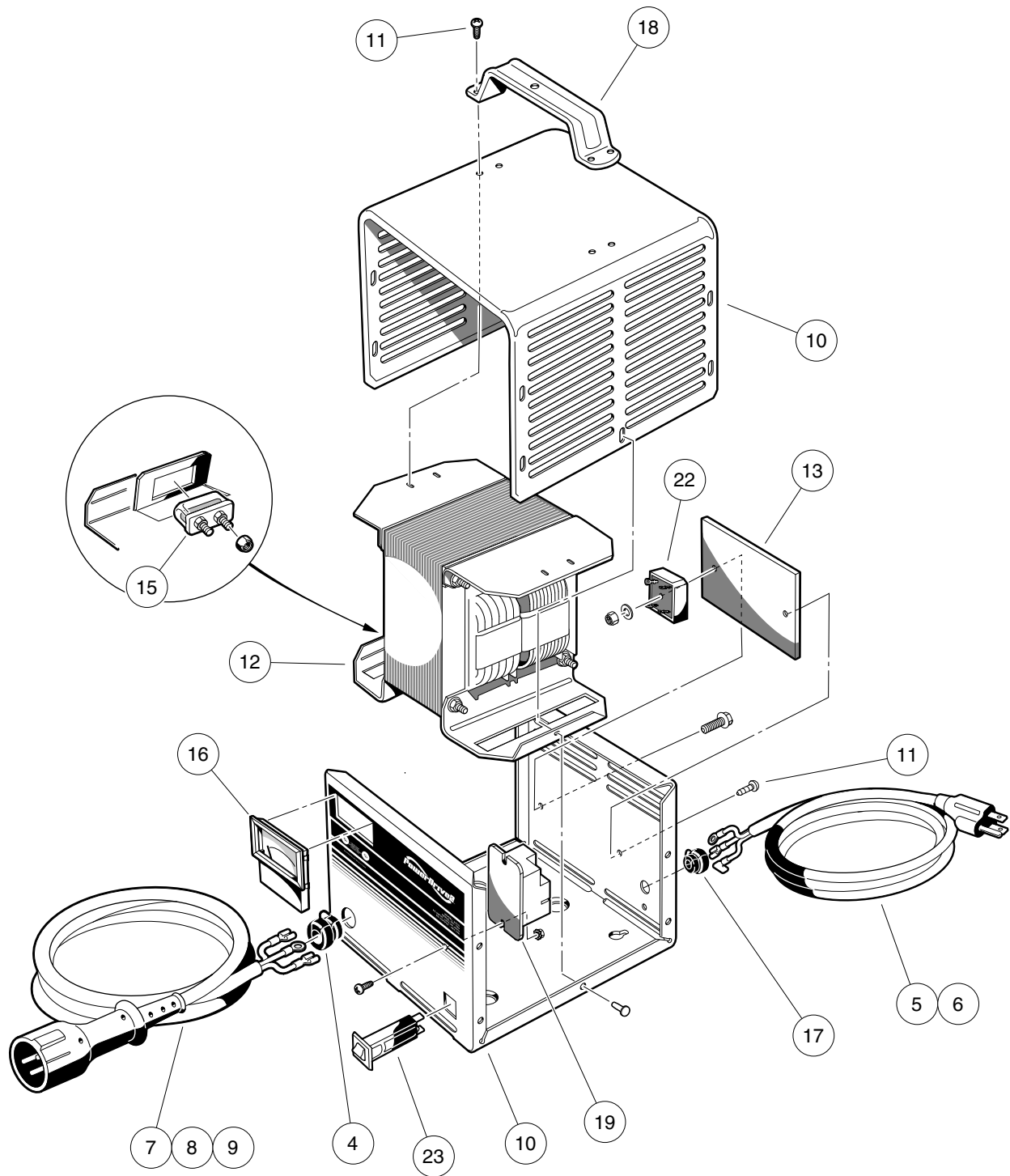


# POWERDRIVE 3 BATTERY CHARGER, DOMESTIC

| ITEM | PART NO.  | DESCRIPTION                                                   | QTY |
|------|-----------|---------------------------------------------------------------|-----|
|      |           | <b>1 2 3 4</b>                                                |     |
| 1    | 103717001 | Chgr, Pd3 Stnry, 9Dc6'Ac' .....                               | 1   |
| 2    | 103717002 | Chgr, Pd3 Stnry, 12Dc9'Ac' .....                              | 1   |
| 3    | 103717003 | Chgr, Pd3 Stnry, 20Dc9'Ac'(includes items 4 through 27) ..... | 1   |
| 4    | 102273701 | PD2 Fuse Asm .....                                            | 1   |
| 5    | 102273801 | PD2 Ammeter .....                                             | 1   |
| 6    | 103428501 | Kit, PD3 Cordset - AC 80" (includes item 7) .....             | 1   |
| 7    | 102273901 | PD2 AC Cord Bushing .....                                     | 1   |
| 8    | 103428601 | Kit, PD3 Cordset, - AC 114" (includes item 9) .....           | 1   |
| 9    | 102273901 | PD2 AC Cord Bushing .....                                     | 1   |
| 10   | 103428701 | Asm, PD3 Board Relay (includes item 11) .....                 | 1   |
| 11   | 103429701 | PD3 Plastic Stand-Offs .....                                  | 2   |
| 12   | 103429001 | PD3 Cordset - DC 113" (includes item 13) .....                | 1   |
| 13   | 1012098   | Bushing, DC Cord .....                                        | 1   |
| 14   | 103429101 | PD3 Cordset - DC 154" (includes item 15) .....                | 1   |
| 15   | 1012098   | Bushing, DC Cord .....                                        | 1   |
| 16   | 103429201 | PD3 Cordset - DC 205" (includes item 17) .....                | 1   |
| 17   | 1012098   | Bushing, DC Cord .....                                        | 1   |
| 18   | 103429301 | Asm, PD3 Case (includes items 19 and 20) .....                | 1   |
| 19   | 103434001 | Asm, PD3 Legs .....                                           | 1   |
| 20   | 103439901 | PD3Case Top (Includes Handle) .....                           | 1   |
| 21   | 103429501 | Kit, PD3 Hardware .....                                       | 1   |
| 22   | 103429601 | Kit, PD3 Wires .....                                          | 1   |
| 23   | 103517401 | Kit Pd3 Button Diode (includes items 24 and 25) .....         | 1   |
| 24   | N/A       | Asm Diode Top .....                                           | 1   |
| 25   | N/A       | Asm Diode Side .....                                          | 1   |
| 26   | 103779601 | Transformer, Pd3, Al .....                                    | 1   |
| 27   | CCX8506   | Circuit Breaker, 15-Amp/120-Volt .....                        | 1   |

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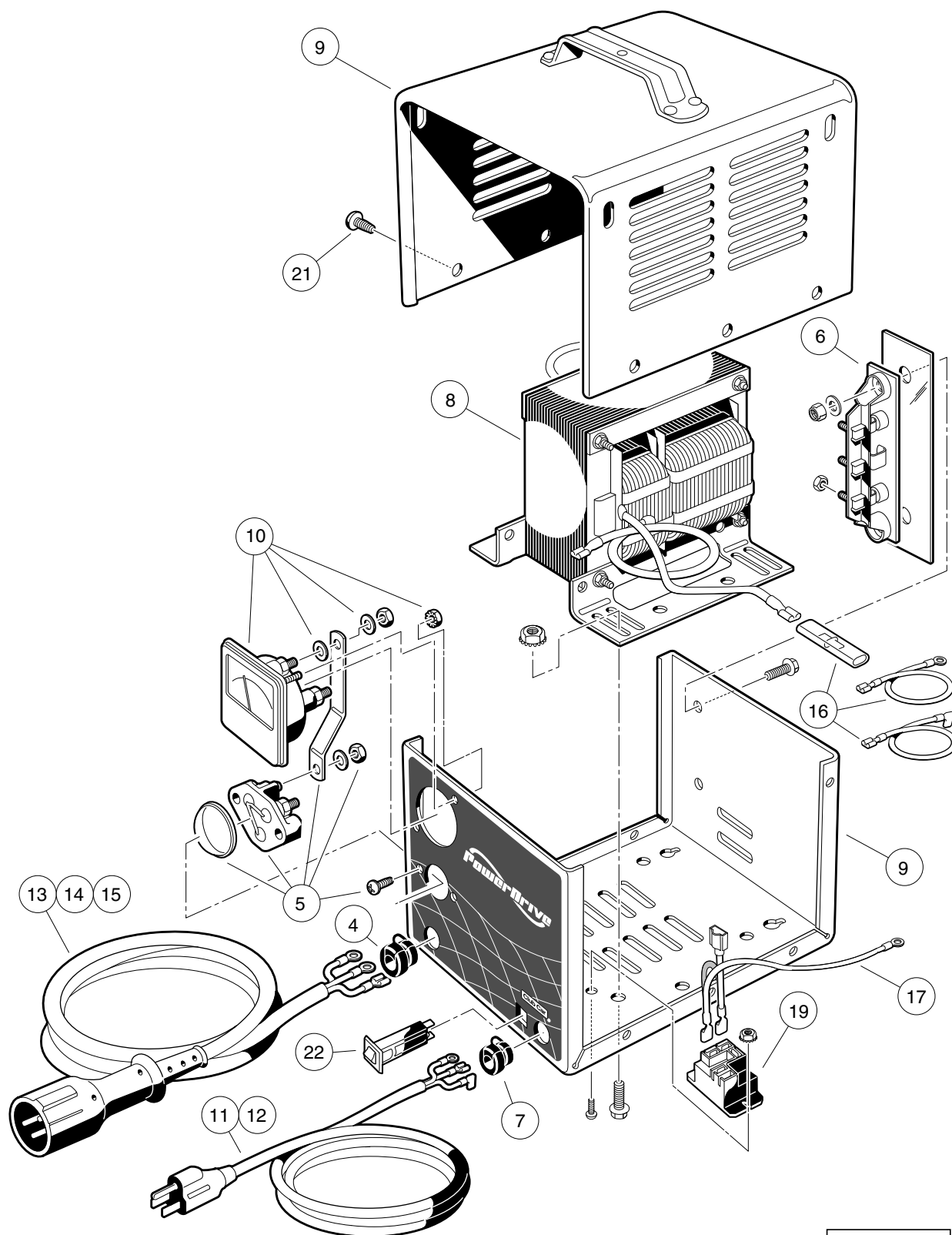
000291-001

# POWERDRIVE 2 BATTERY CHARGER (MODEL 22110), DOMESTIC

| ITEM                                                                                                                                                      | PART NO.  | DESCRIPTION                                                                      | QTY |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------|-----|
|                                                                                                                                                           |           | <b>1 2 3 4</b>                                                                   |     |
| 1                                                                                                                                                         | 101802204 | 48-V/13-A PowerDrive 2 (9-ft. DC, 6-ft. AC) .....                                | 1   |
| 2                                                                                                                                                         | 101802205 | 48-V/13-A PowerDrive 2 (12-ft. DC, 9-ft. AC) .....                               | 1   |
| 3                                                                                                                                                         | 101802206 | 48-V/13-A PowerDrive 2 (20-ft. DC, 9-ft. AC) (includes items 4 through 23) ..... | 1   |
| 4                                                                                                                                                         | 1012098   | Bushing, DC Cord .....                                                           | 1   |
| 5                                                                                                                                                         | 101828801 | Cord, AC, 80-Inch (203 cm) .....                                                 | 1   |
| 6                                                                                                                                                         | 101828802 | Cord, AC, 108-Inch (274 cm) .....                                                | 1   |
| 7                                                                                                                                                         | 101828904 | PD2 DC Cordset, 113-inch .....                                                   | 1   |
| 8                                                                                                                                                         | 101828905 | PD2 DC Cordset, 154-inch .....                                                   | 1   |
| 9                                                                                                                                                         | 101828906 | Pd2 Dc Cordset 250 Inch .....                                                    | 1   |
| 10                                                                                                                                                        | 102273201 | PD2 Case (includes item 11) .....                                                | 1   |
| 11                                                                                                                                                        | 7577      | Screw, #10 X 0.50 Phillips Pan-Head .....                                        | 12  |
| 12                                                                                                                                                        | 102273301 | PD2 Transformer Asm .....                                                        | 1   |
| 13                                                                                                                                                        | 102273401 | PD2 Heatsink .....                                                               | 1   |
| 14                                                                                                                                                        | 102273601 | PD2 Wire Asm .....                                                               | 1   |
| 15                                                                                                                                                        | 102273701 | PD2 Fuse Asm .....                                                               | 1   |
| 16                                                                                                                                                        | 102273801 | PD2 Ammeter .....                                                                | 1   |
| 17                                                                                                                                                        | 102273901 | PD2 AC Cord Bushing .....                                                        | 1   |
| 18                                                                                                                                                        | 102274001 | PD2 Handle .....                                                                 | 1   |
| 19                                                                                                                                                        | 103414901 | Kit, Relay, 48v 30a W/instr (includes items 20 and 21) .....                     | 1   |
| 20                                                                                                                                                        | 103397901 | Relay, Spst No, 48v 30a, Pmt .....                                               | 1   |
| 21                                                                                                                                                        | N/A       | Kit, Relay, 48v 30a Instrns .....                                                | 1   |
| 22                                                                                                                                                        | 103517601 | Pd2 Rectifier Kit .....                                                          | 1   |
| 23                                                                                                                                                        | CCX8506   | Circuit Breaker, 15-Amp/120-Volt .....                                           | 1   |
| <p>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.</p> |           |                                                                                  |     |

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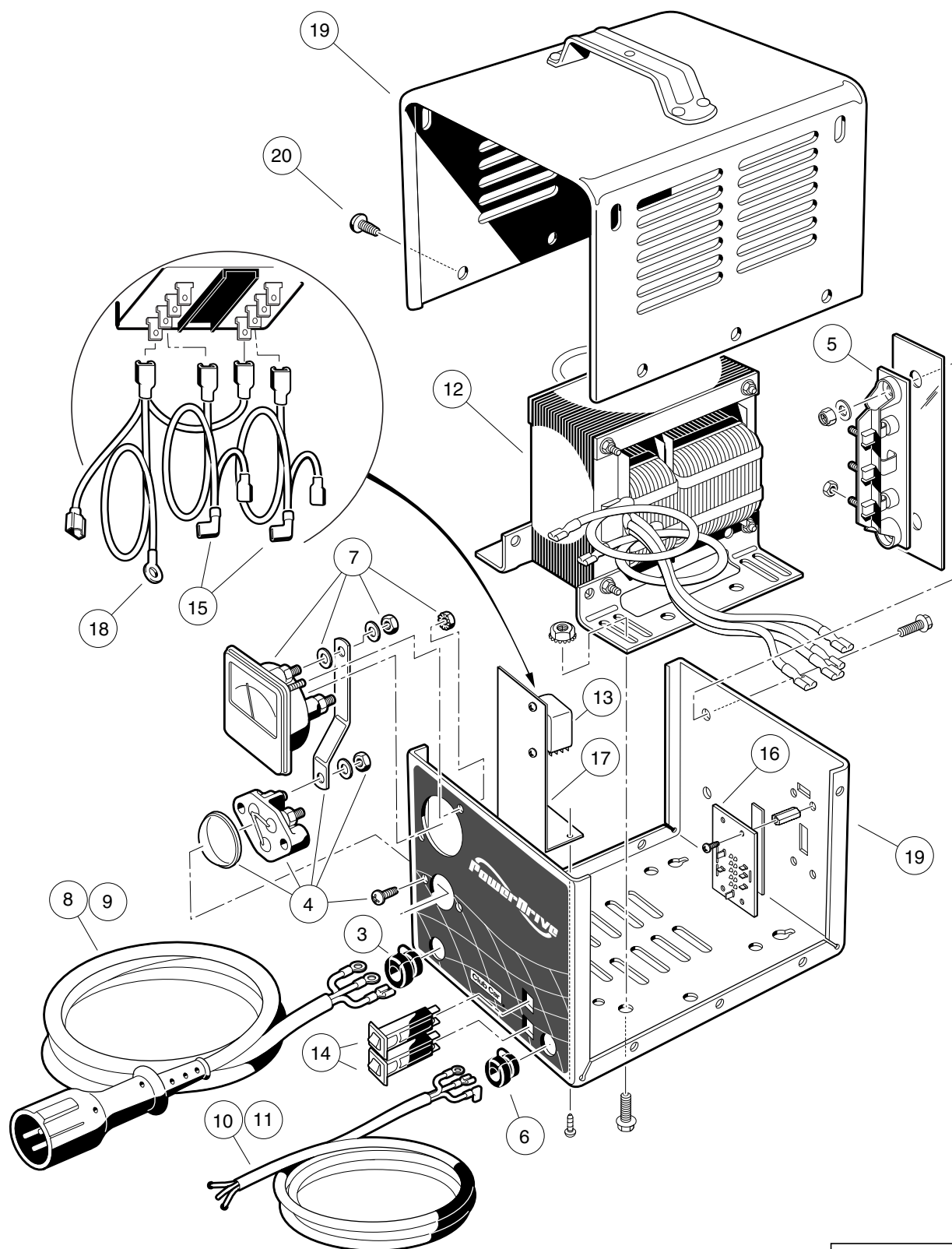
000351-001

# POWERDRIVE BATTERY CHARGER (MODEL 17930), DOMESTIC

| ITEM | PART NO.  | DESCRIPTION                                                                                                                        | QTY |
|------|-----------|------------------------------------------------------------------------------------------------------------------------------------|-----|
|      |           | <b>1 2 3 4</b>                                                                                                                     |     |
| 1    | 101802201 | 48V/17A PowerDrive (9-ft DC, 6-ft AC Cord) .....                                                                                   | 1   |
| 2    | 101802202 | 48V/17A PowerDrive (12-ft DC, 9-ft AC Cord) .....                                                                                  | 1   |
| 3    | 101802203 | 48V/17A PowerDrive (20-ft DC, 9-ft AC Cord) (includes items 4 through 22) .....                                                    | 1   |
| 4    | 1012098   | Bushing, DC Cord .....                                                                                                             | 1   |
| 5    | 1012101   | Fuse Assembly .....                                                                                                                | 1   |
| 6    | 1015914   | Rectifier with Heatsink Assembly .....                                                                                             | 1   |
| 7    | 1015917   | Bushing, AC Cord .....                                                                                                             | 1   |
| 8    | ****      | Transformer, Battery Charger .....                                                                                                 | 1   |
| 9    | 101828301 | Case Assembly .....                                                                                                                | 1   |
| 10   | 101828501 | Ammeter .....                                                                                                                      | 1   |
| 11   | 101828801 | Cord, AC, 80-Inch (203 cm) .....                                                                                                   | 1   |
| 12   | 101828802 | Cord, AC, 108-Inch (274 cm) .....                                                                                                  | 1   |
| 13   | 101828901 | Cord, DC, 113-Inch (287 cm) .....                                                                                                  | 1   |
| 14   | 101828902 | Cord, DC, 154-Inch (391 cm) .....                                                                                                  | 1   |
| 15   | 101828903 | Cord, DC, 250-Inch (635 cm) .....                                                                                                  | 1   |
| 16   | 101831101 | Wire Assembly Kit .....                                                                                                            | 1   |
| 17   | 101914401 | Assembly, Voltage Suppressor .....                                                                                                 | 1   |
| 18   | 103414901 | Kit, Relay, 48v 30a W/instr (includes items 19 and 20) .....                                                                       | 1   |
| 19   | 103397901 | Relay, Spst No, 48v 30a, Pmt .....                                                                                                 | 1   |
| 20   | N/A       | Kit, Relay, 48v 30a Instrns .....                                                                                                  | 1   |
| 21   | 7577      | Screw, #10 X 0.50 Phillips Pan-Head .....                                                                                          | 10  |
| 22   | CCX8506   | Circuit Breaker, 15-Amp/120-Volt .....                                                                                             | 1   |
|      |           | **** Special order item available upon request.                                                                                    |     |
|      |           | Note: Level 1 Battery Charger part numbers include one AC and one DC cord.<br>They do not include all of the level 2 cords listed. |     |

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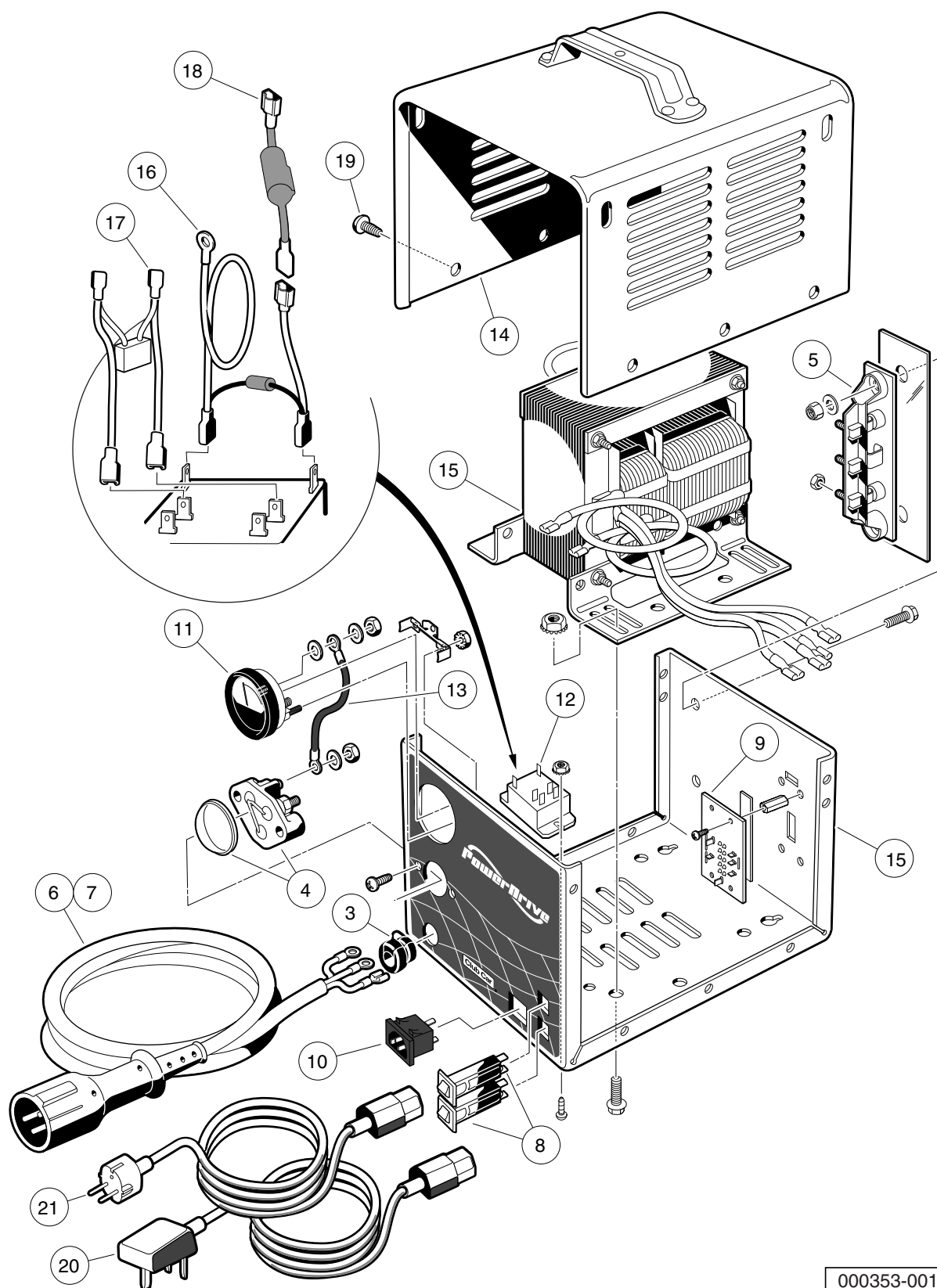
000352-001

# POWERDRIVE BATTERY CHARGER (MODEL 18780), EXPORT

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

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000353-001



# POWERDRIVE BATTERY CHARGER (MODEL 20310), EUROPEAN

| ITEM | PART NO.  | DESCRIPTION                                                                                                                        | QTY |
|------|-----------|------------------------------------------------------------------------------------------------------------------------------------|-----|
|      |           | <b>1 2 3 4</b>                                                                                                                     |     |
| 1    | 101956201 | Battery Charger, 48-Volt w/ 4-Position Switch (8.5-ft DC) .....                                                                    | 1   |
| 2    | 101956202 | Battery Charger, 48-Volt w/ 4-Pos. Switch (12-ft DC) (includes items 3 through 19) .....                                           | 1   |
| 3    | 1012098   | Bushing, DC Cord .....                                                                                                             | 1   |
| 4    | 1012101   | Fuse Assembly .....                                                                                                                | 1   |
| 5    | 1015914   | Rectifier with Heatsink Assembly .....                                                                                             | 1   |
| 6    | 101828901 | Cord, DC, 113-Inch (287 cm) .....                                                                                                  | 1   |
| 7    | 101828902 | 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   | 101987501 | Relay .....                                                                                                                        | 1   |
| 13   | N/A       | Wire, Jumper .....                                                                                                                 | 1   |
| 14   | N/A       | Case, Charger .....                                                                                                                | 1   |
| 15   | ****      | Transformer, European Battery Charger .....                                                                                        | 1   |
| 16   | ****      | Suppressor, AC Voltage .....                                                                                                       | 1   |
| 17   | ****      | Assembly, Wire .....                                                                                                               | 1   |
| 18   | ****      | Limiter, Current .....                                                                                                             | 1   |
| 19   | 7577      | Screw, #10 X 0.50 Phillips Pan-Head .....                                                                                          | 10  |
| 20   | 101958201 | Cord, UK, AC, Battery Charger .....                                                                                                | 1   |
| 21   | 101958301 | Cord, European AC, Battery Charger .....                                                                                           | 1   |
|      |           | **** Special order item available upon request.                                                                                    |     |
|      |           | Note: Level 1 Battery Charger part numbers include one AC and one DC cord.<br>They do not include all of the level 2 cords listed. |     |

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# MAINTENANCE AND SERVICE TOOLS

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**16**

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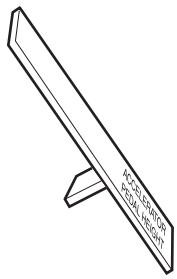
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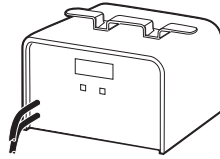
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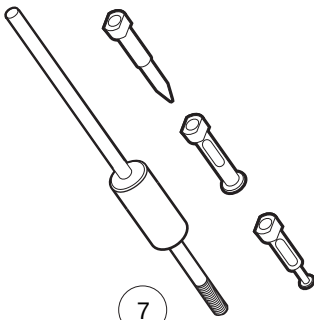
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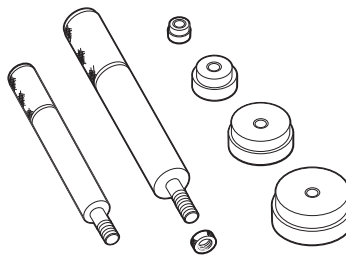
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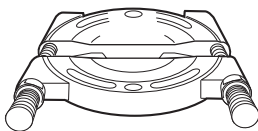
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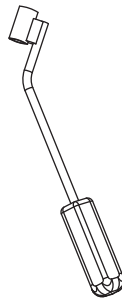
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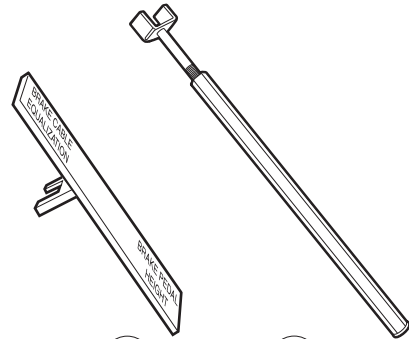
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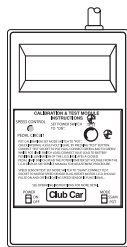
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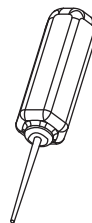
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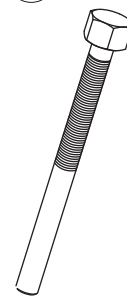
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19

# MAINTENANCE AND SERVICE TOOLS

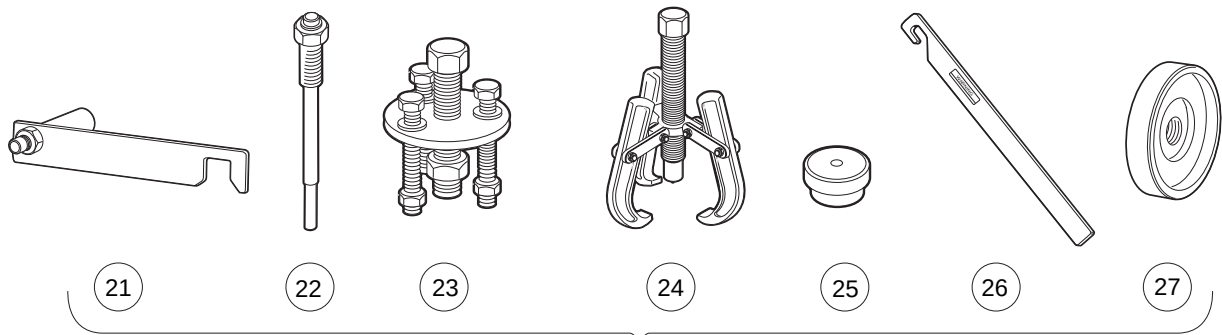
| ITEM | PART NO.  | DESCRIPTION                                                                                                                                                                                                                                                                            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

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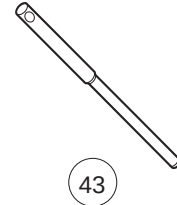
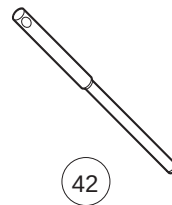
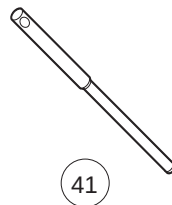
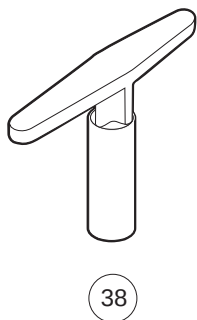
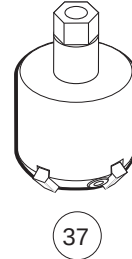
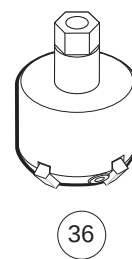
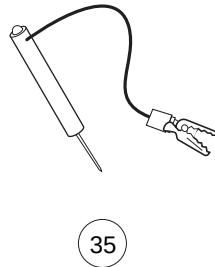
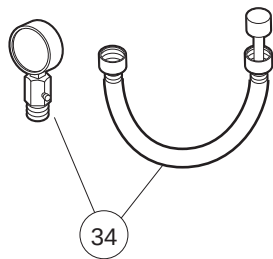
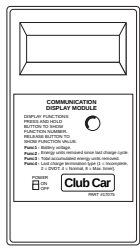
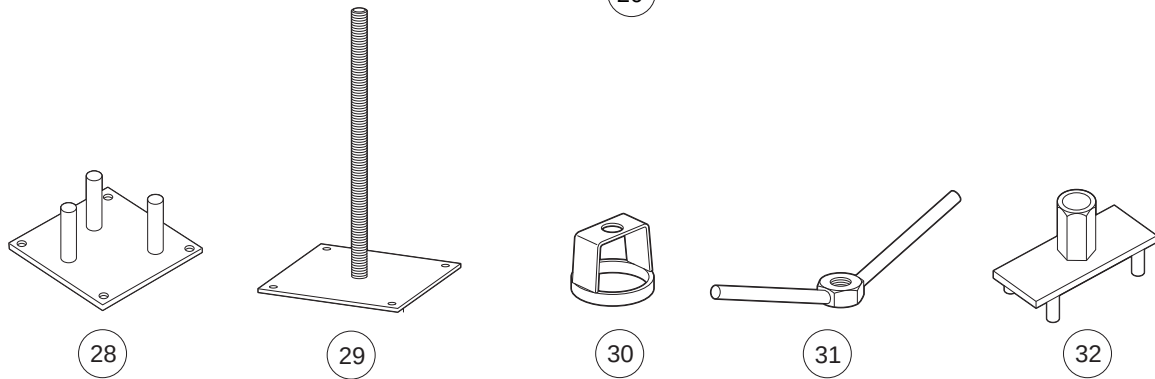
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# MAINTENANCE AND SERVICE TOOLS, CONTINUED

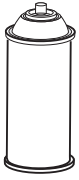
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|------|-----------|-----------------------------------------------------------------------------------------------------|---------------|------------|-------------|-------------------|
|      |           | <b>1 2 3 4</b>                                                                                      |               |            |             |                   |
| 20   | 1014510   | Clutch Tool Kit (includes items 21 - 27) .....                                                      |               | 1          |             |                   |
| 21   | 1014498   | Clutch Alignment Tool (for pre-unitized transaxle<br>vehicles built prior to 1997 model year) ..... |               | 1          |             |                   |
| 22   | 1014496   | Drive Clutch Puller (for Kawasaki engines only) .....                                               |               | 1          |             |                   |
| 23   | 1014497   | Drive Clutch Hub Puller (for Kawasaki engines only) .....                                           |               | 1          |             |                   |
| 24   | 1014508   | Driven Clutch Cam Puller (for Kawasaki engines only) .....                                          |               | 1          |             |                   |
| 25   | 1014507   | Driven Clutch Puller Plug (for Kawasaki engines only) .....                                         |               | 1          |             |                   |
| 26   | 1015524   | Drive Clutch Holder Tool Assembly (for Kawasaki engines only) .....                                 |               | 1          |             |                   |
| 27   | 101809101 | Press Weldment (for Kawasaki engines only) .....                                                    |               | 1          |             |                   |
| 28   | 102601501 | Drive ClutchFixed Sheave Tool<br>(for 4x4 vehicles) .....                                           | 1             | 1          |             |                   |
| 29   | 102603501 | Driven Clutch Spring Compression Base (for use with items 30<br>and 31) (for 4x4 vehicles) .....    | 1             | 1          |             |                   |
| 30   | 102605201 | Driven Clutch Spring Compression Collar (for use with items 29<br>and 31) (for 4x4 vehicles) .....  | 1             | 1          |             |                   |
| 31   | 102606101 | Driven Clutch Spring Compression Nut (for use with items 29<br>and 30) (for 4x4 vehicles) .....     | 1             | 1          |             |                   |
| 32   | 102607501 | Drive Clutch Spider Removal Tool<br>(for 4x4 vehicles) .....                                        | 1             | 1          |             |                   |
| 33   | 101831801 | Communication Display Module .....                                                                  |               |            | 1           |                   |
| 34   | 101641002 | Compression Gauge and Adapter .....                                                                 |               | 1          |             |                   |
| 35   | 1011273   | Continuity Tester .....                                                                             |               | 1          | 1           |                   |
| 36   | 102773801 | Cutter, Valve Seat, #122 .....                                                                      |               | 1          |             |                   |
| 37   | 102773901 | Cutter, Valve Seat #115 .....                                                                       |               | 1          |             |                   |
| 38   | 102774101 | Wrench, T, #505.....                                                                                |               | 1          |             |                   |
| 39   | 102774101 | Adapter, T-Wrench .....                                                                             |               | 1          |             |                   |
| 40   | 102675401 | Cutter, Valve Seat, 60 Degree (requires item 51)<br>(for Honda GX620 Gasoline Engines) .....        |               | 1          |             |                   |
| 41   | 102774201 | Pilot, 6.6 MM .....                                                                                 |               | 1          |             |                   |
| 42   | 102774301 | Pilot, 6.62 MM.....                                                                                 |               | 1          |             |                   |
| 43   | 102774401 | Pilot, 6.65 MM.....                                                                                 |               | 1          |             |                   |
|      |           | Please refer to the maintenance and service manual<br>for proper tool application.                  |               |            |             |                   |

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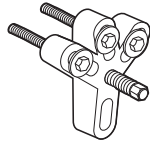
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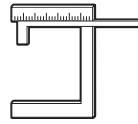
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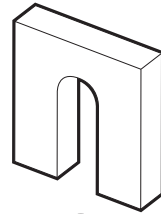
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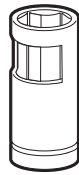
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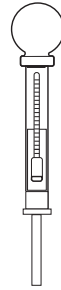
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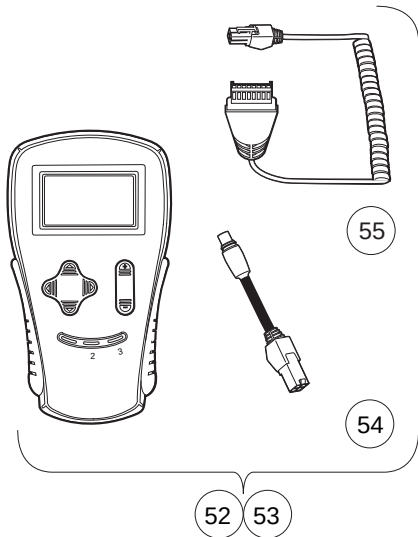
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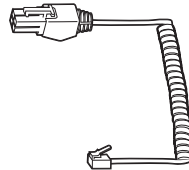


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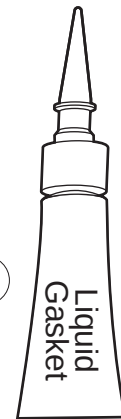


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# MAINTENANCE AND SERVICE TOOLS, CONTINUED

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

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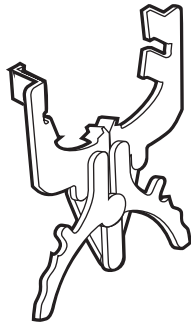
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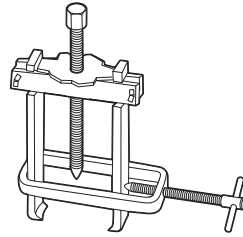
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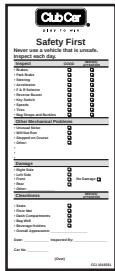
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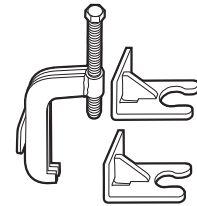
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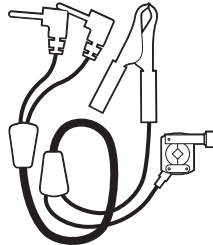
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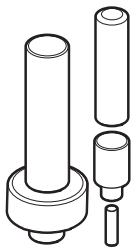
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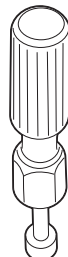
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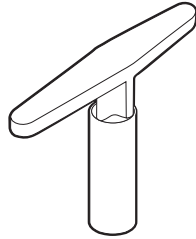
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# MAINTENANCE AND SERVICE TOOLS, CONTINUED

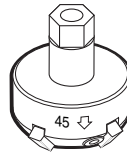
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|------|-----------|------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|-------------|----|
|      |           | 1 2 3 4                                                                                                                            |               |            |             | G  |
| 62   | 1016414   | Piston Ring Compressor Kit (FE290, FE350 and FE400 engines) .....                                                                  |               | 1          |             | E  |
| 63   | 1016415   | Piston Ring Pliers (for Kawasaki Engines) .....                                                                                    |               | 1          |             | D  |
| 64   | 102668801 | Puller, Special Use (for Kubota D722 Diesel Engines) .....                                                                         | 1             |            |             |    |
| 65   | 1012549   | Retaining Ring Pliers, 45° External .....                                                                                          | 1             | 1          | 1           |    |
| 66   | 1012560   | Retaining Ring Pliers, 90° Internal .....                                                                                          | 1             | 1          | 1           |    |
| 67   | 101823101 | Safety First Card (50 per pack) .....                                                                                              | 1             | 1          | 1           |    |
| 68   | 1012809   | Seal Puller .....                                                                                                                  | 1             | 1          | 1           |    |
| 69   | 102330901 | Spanner Wrench (for coil over shock front suspension vehicles only) .....                                                          | 1             | 1          |             |    |
| 70   | 1014264   | Steering Column Bearing Press Tool .....                                                                                           |               | 1          | 1           |    |
| 71   | 1014259   | Steering Column Retaining Ring Tool .....                                                                                          |               | 1          | 1           |    |
| 72   | 102061201 | Steering Wheel Puller Tool .....                                                                                                   | 1             | 1          | 1           |    |
| 73   | AM10753   | Tachometer (includes gasoline engine pick up lead only) .....                                                                      | 1             | 1          |             |    |
| 74   | AM10771   | Tachometer Diesel Probe (for use with item 73) .....                                                                               | 1             |            |             |    |
| 75   | 1014162   | Transaxle Axle Seal Tool .....                                                                                                     |               | 1          |             |    |
| 76   | 1014161   | Transaxle Pinion Seal Tool .....                                                                                                   |               | 1          |             |    |
| 77   | 1014115   | Transmission Tool Kit .....                                                                                                        |               | 1          |             |    |
| 78   | 101611003 | Tune-Up Kit, All OHV (for FE290, FE350, FE400 only) (includes air filter, spark plug, oil filter, fuel filters) (not shown) .....  |               | 1          |             |    |
| 79   | AM11804   | Tune-Up Kit, Gx620 (for Honda Engines) (includes air filter, spark plug, oil filter, fuel filters) (not shown) .....               |               | 1          |             |    |
| 80   | AM11805   | Tune-Up Kit, D722 (for Kubota Engines) (includes air filter, oil filter, fuel filters, water separator filter) (not shown) .....   | 1             |            |             |    |
| 81   | AM1220301 | Tune-Up Kit, Precedent (for FE290/350 Engines) (includes air filter, spark plug, oil filter, fuel filters) (not shown) .....       |               | 1          |             |    |
| 82   | AM1232401 | Tune-Up Kit, FH680D (for Kawasaki V-Twin Engines) (includes oil filter, fuel filter, air filter, and spark plugs) (not shown)..... |               | 1          |             |    |
| 83   | 1016413   | Valve Clearance Adjuster Screw Holder (for FE290 engines only) .....                                                               |               | 1          |             |    |
| 84   | 102674601 | Valve Guide Driver (for Honda GX620 Gasoline Engines) .....                                                                        |               | 1          |             |    |
| 85   | 101641201 | Valve Guide Reamer (FE290, FE350, and FE400 only) .....                                                                            |               | 1          |             |    |
| 86   | 102674401 | Valve Guide Reamer, 6.6 mm (for Honda GX620 Gasoline Engines) .....                                                                |               | 1          |             |    |



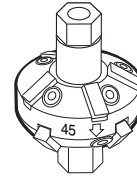
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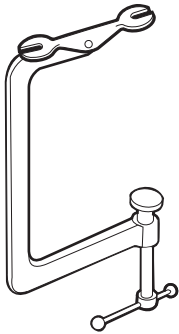
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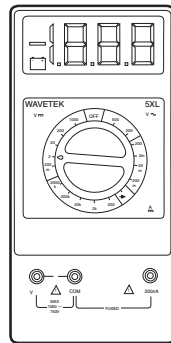
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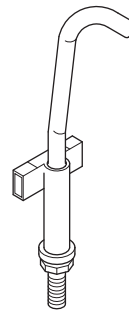
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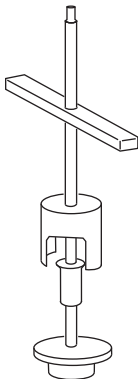
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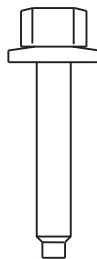
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## MAINTENANCE AND SERVICE TOOLS, CONTINUED

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