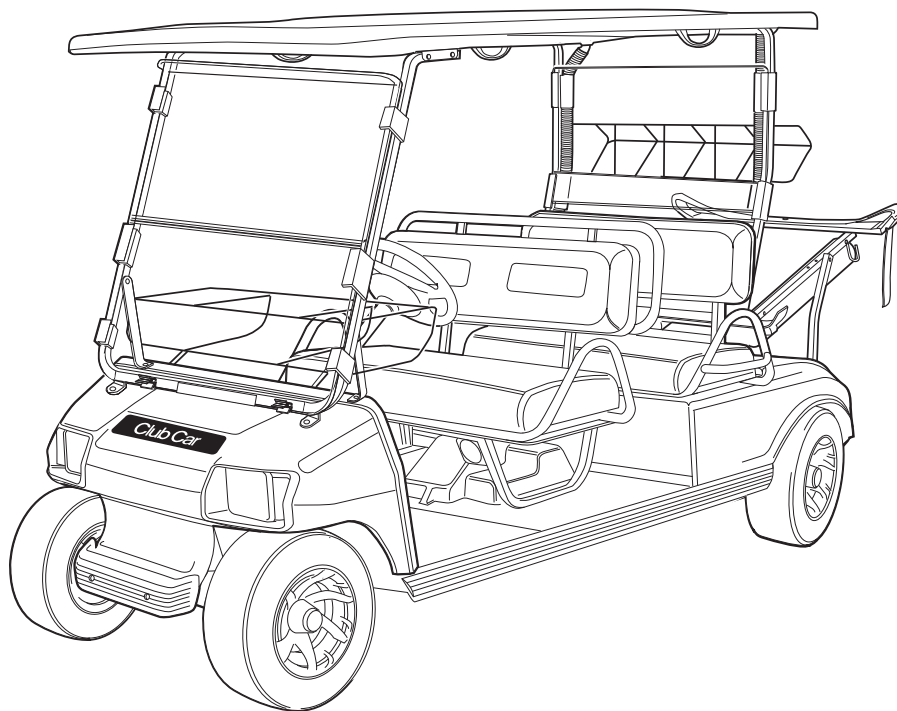




# **2009-2011 Limo Illustrated Parts List**



**Gasoline and Electric Vehicles**

Manual Number 103472606  
Edition Code 0508G0112F



# 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 2009-2011 Limo golf cars equipped with manual brakes.

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

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

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

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

## HOW TO ORDER PARTS

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



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

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

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

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*2009-2011 Limo Gasoline and Electric Vehicles Illustrated Parts List*

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## SECTION i – INDEX

# BODY AND TRIM

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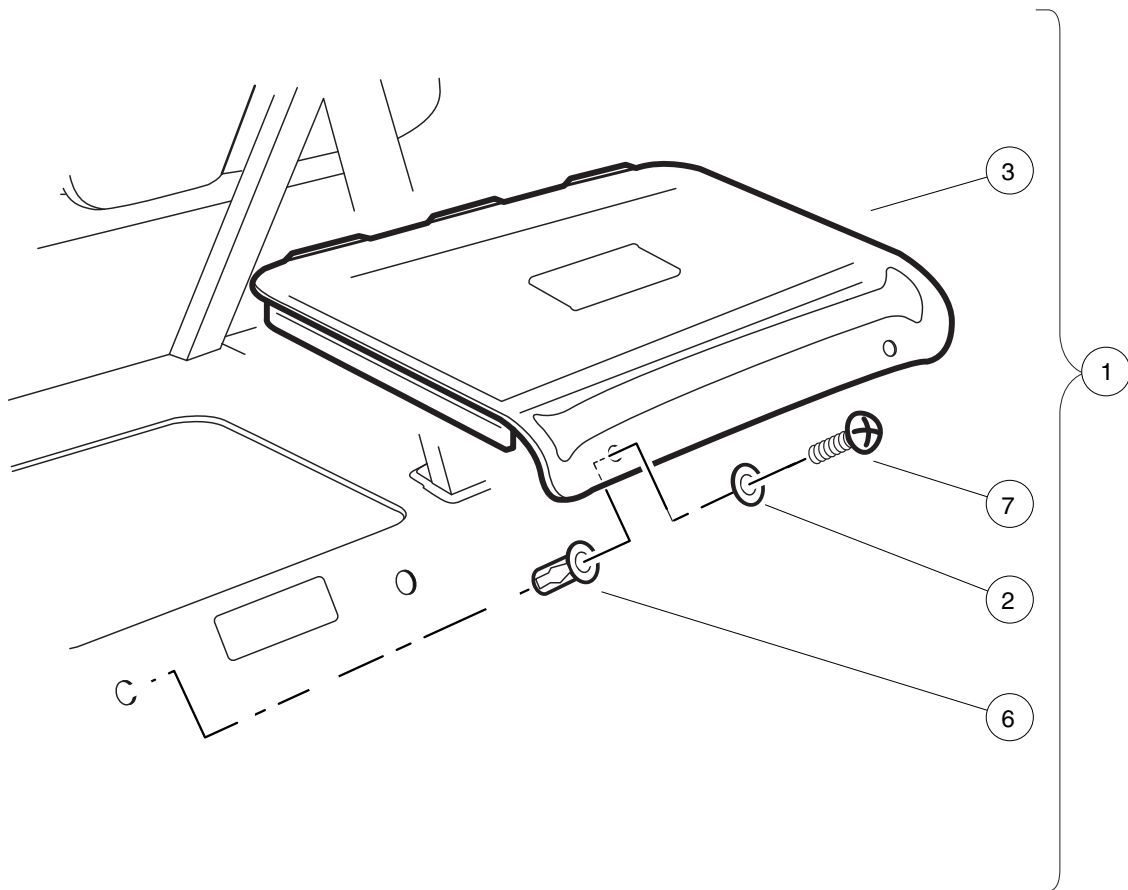
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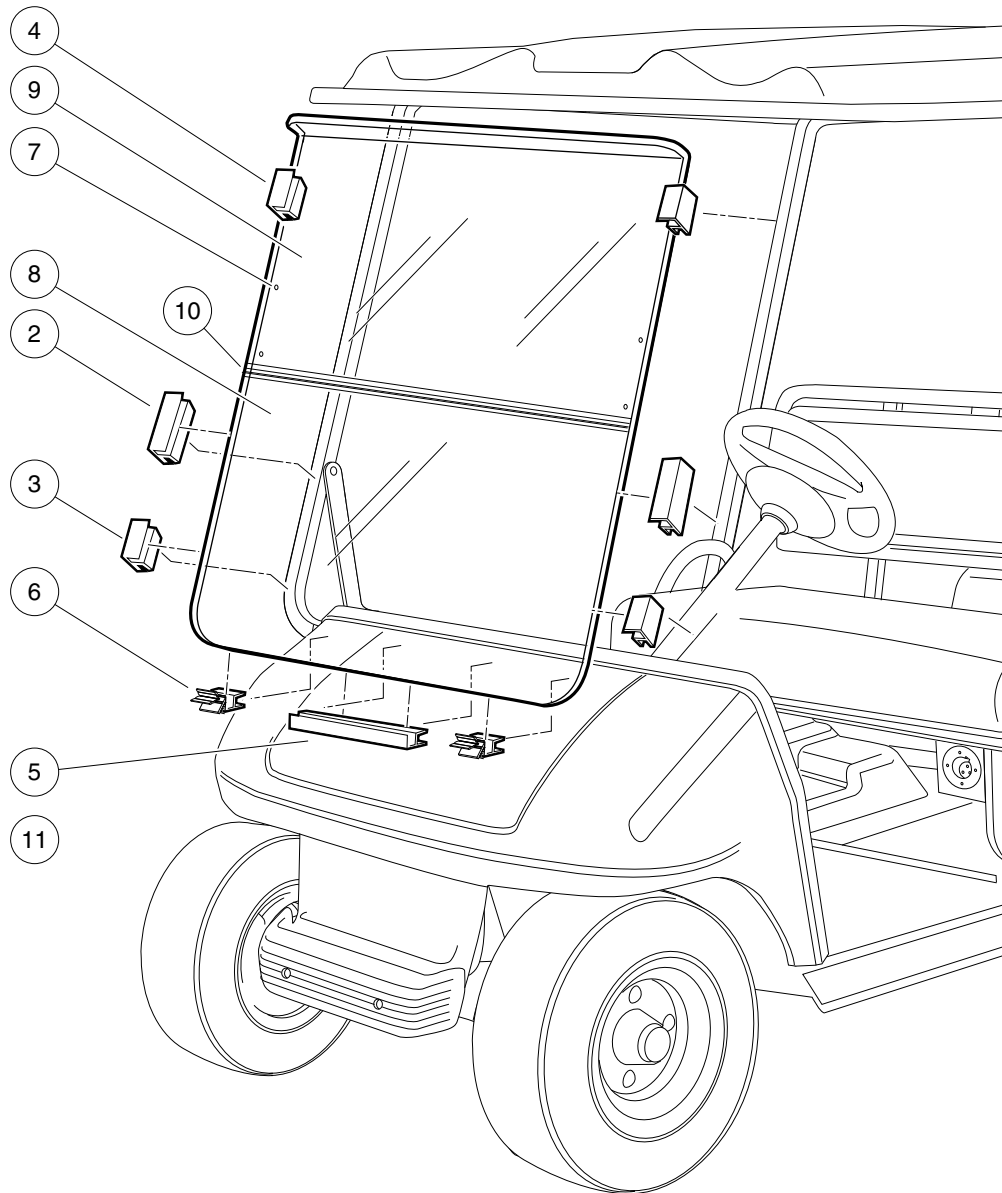
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## REAR ACCESS DOOR

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



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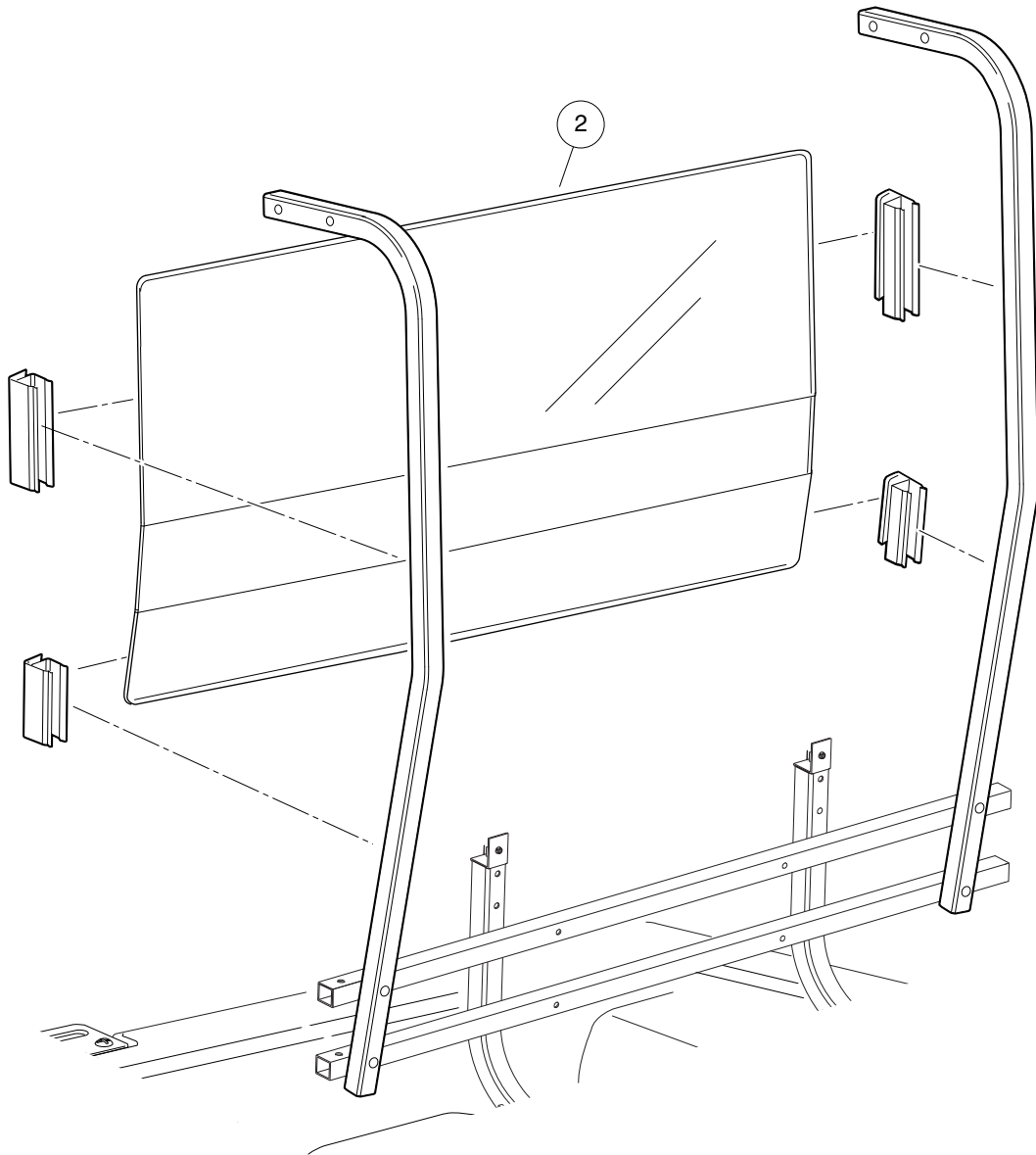
# WINDSHIELD

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

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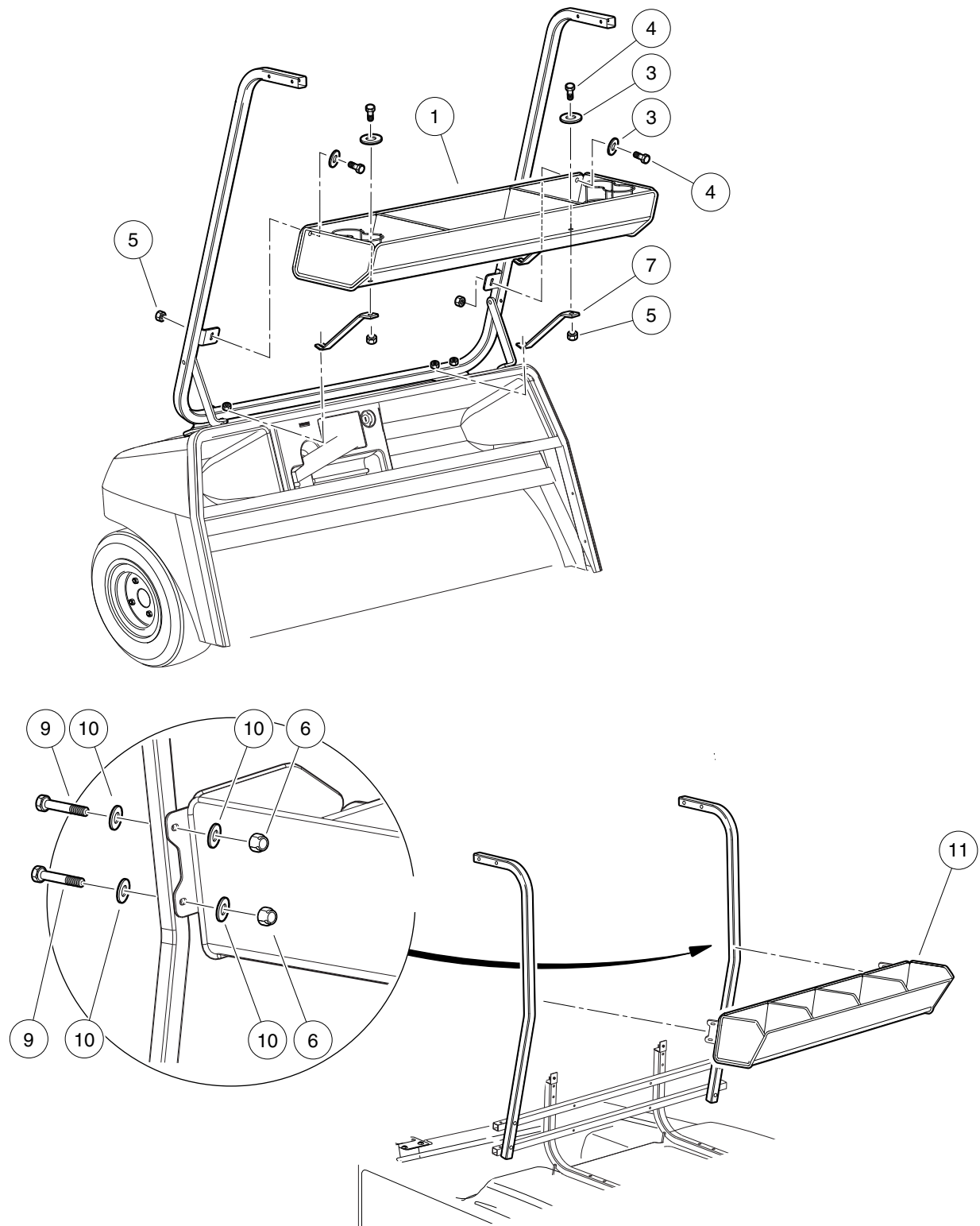
REAR WINDSHIELD

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

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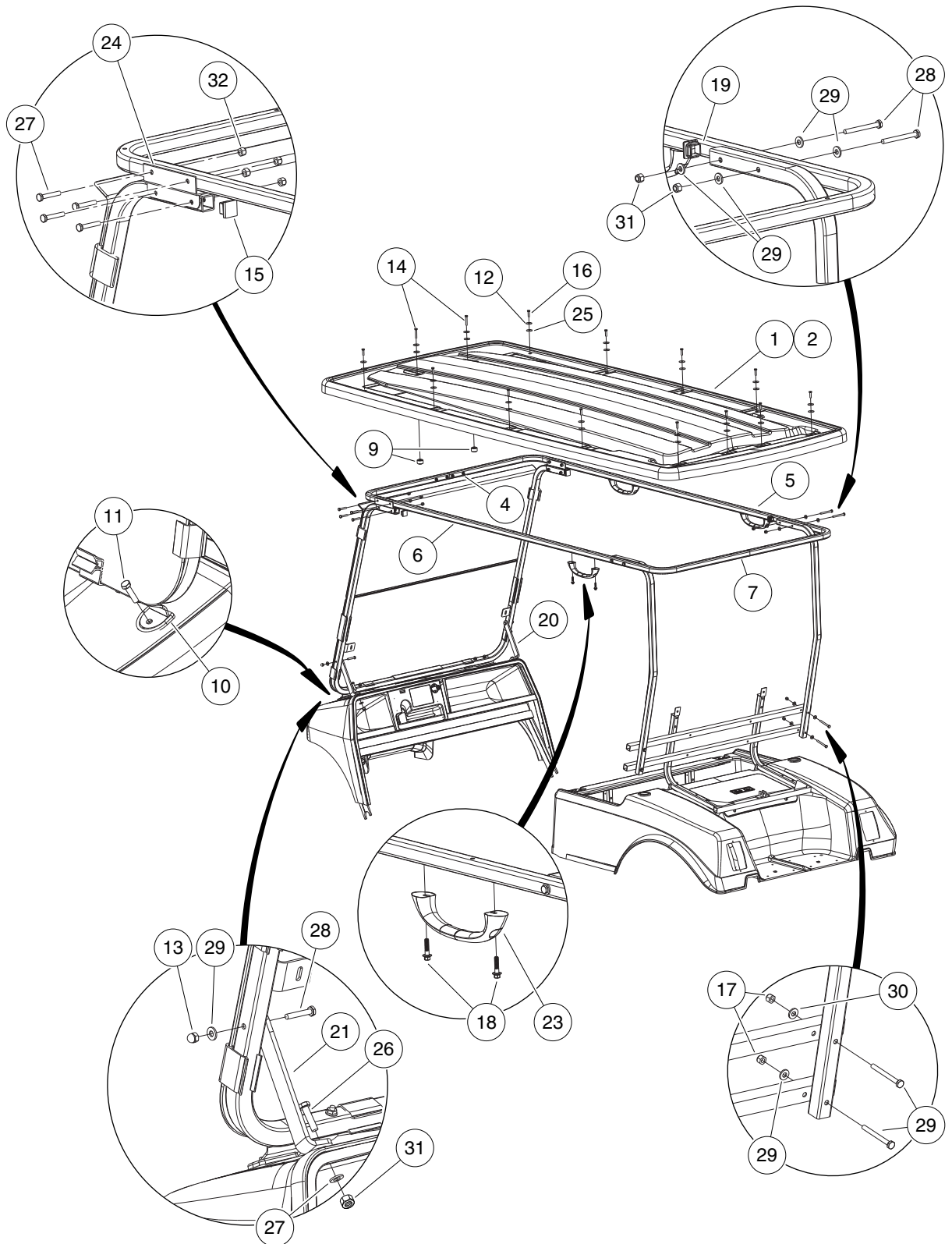
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# BASKETS

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

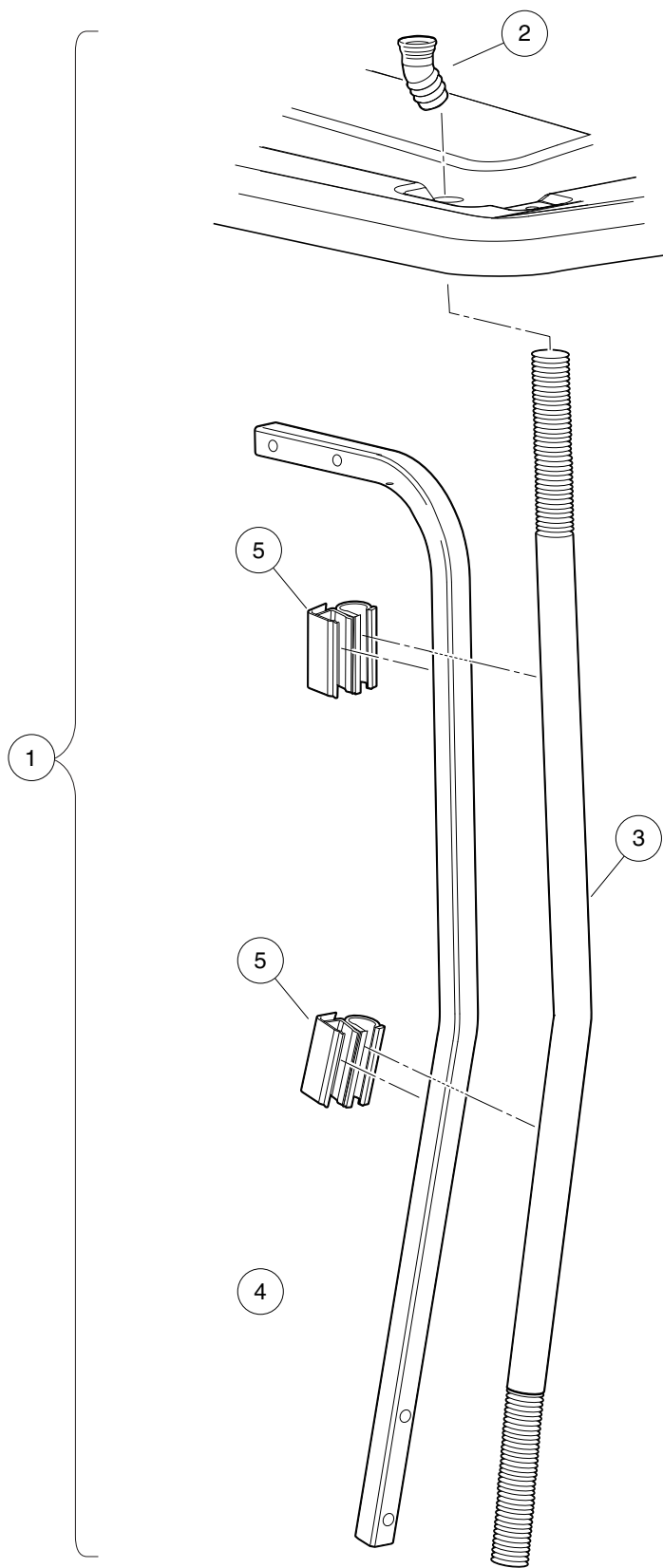
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# CANOPY

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

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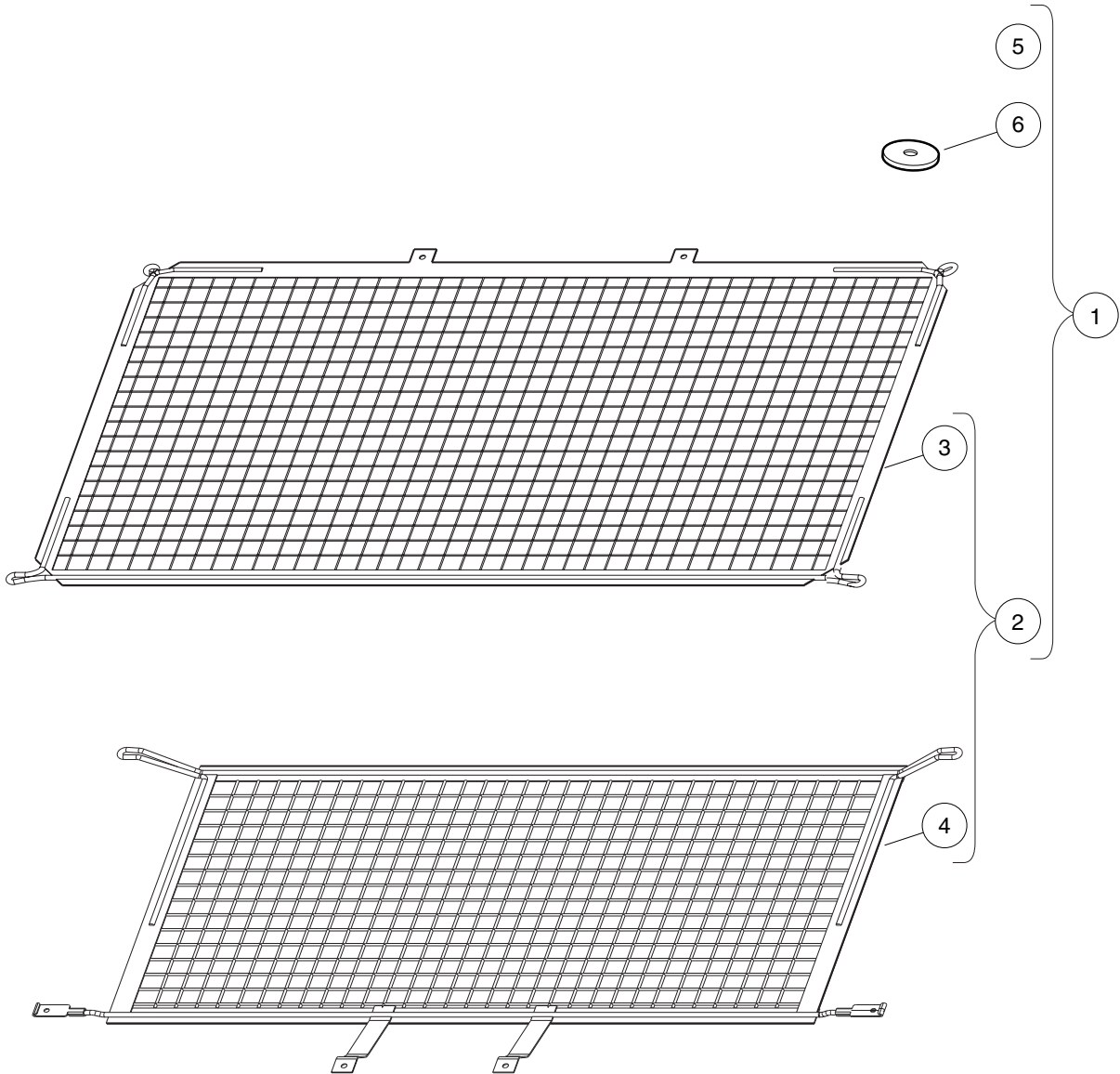
# CANOPY DRAIN KIT

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

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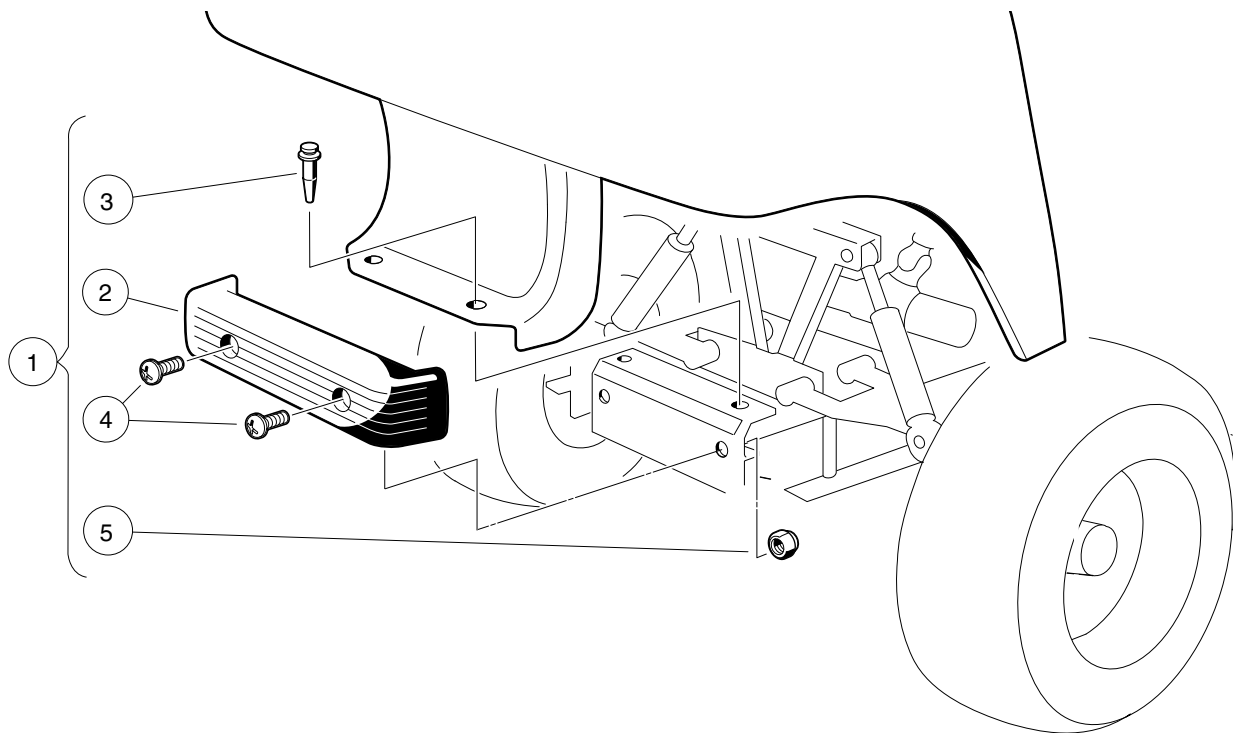
# CARGO NETS

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

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FRONT BUMPER

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

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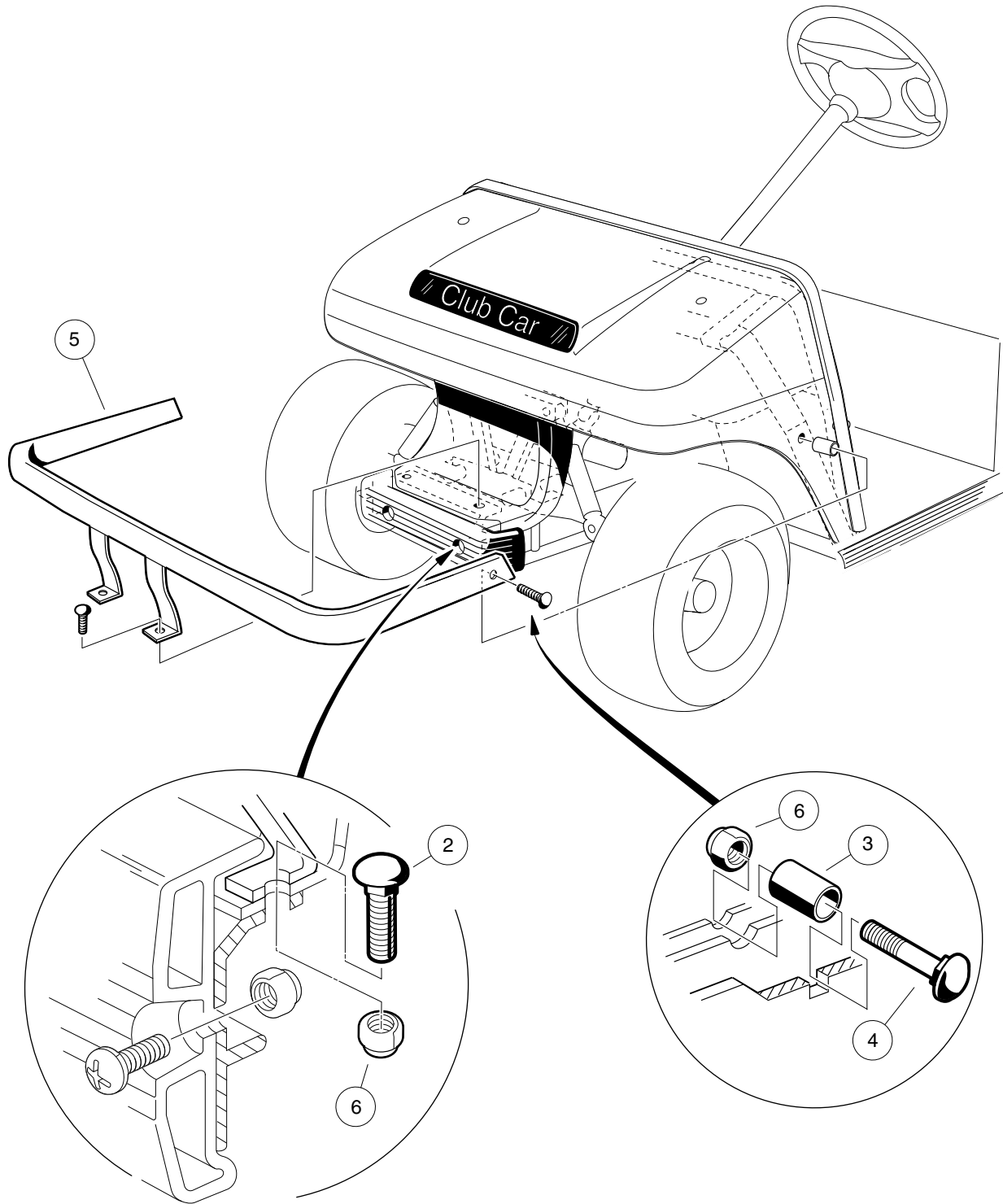
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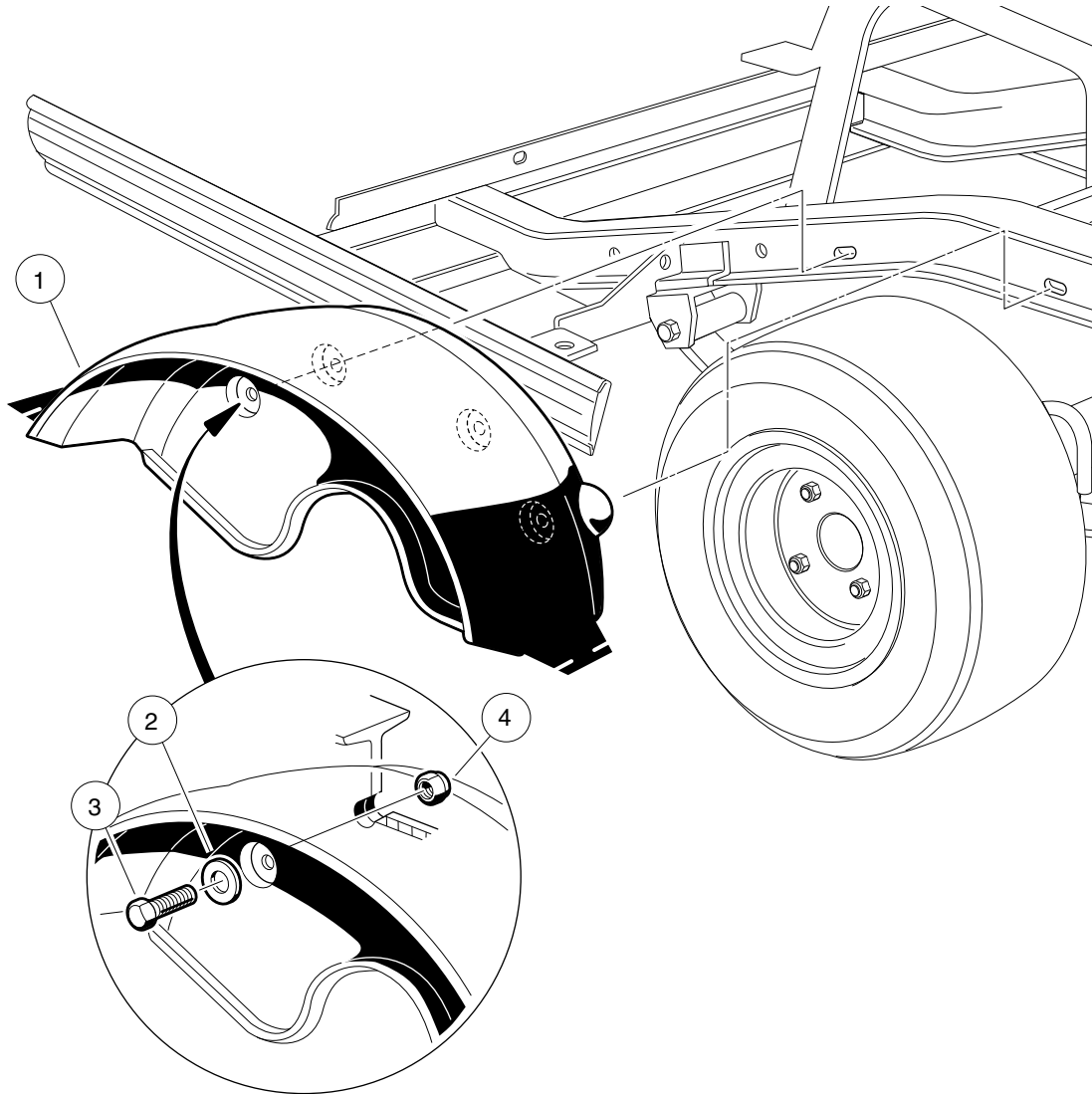
# HEAVY-DUTY FRONT BUMPER KIT

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

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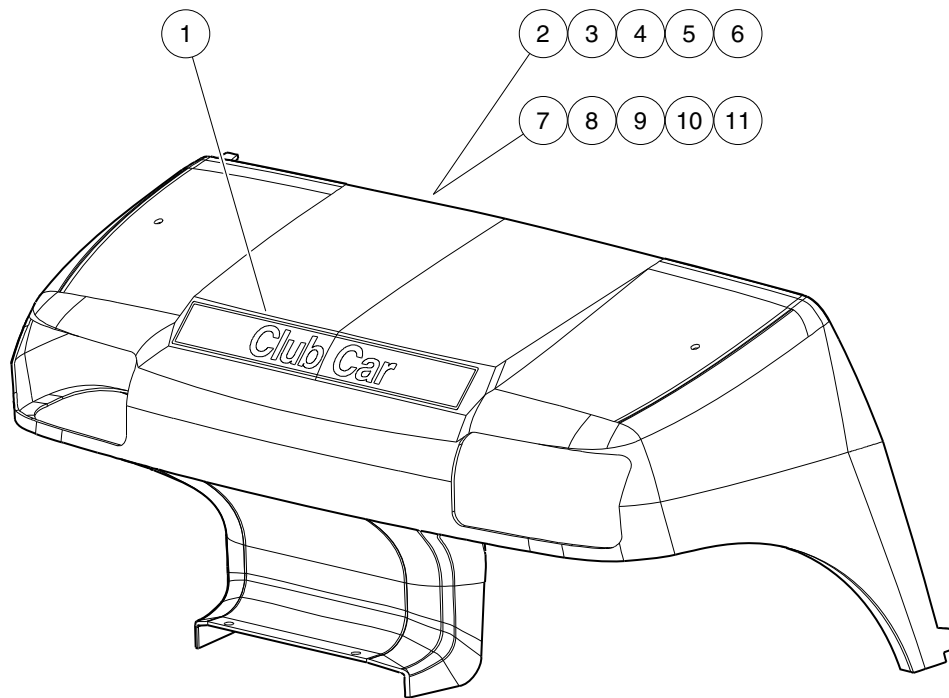
# INNER FENDER

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

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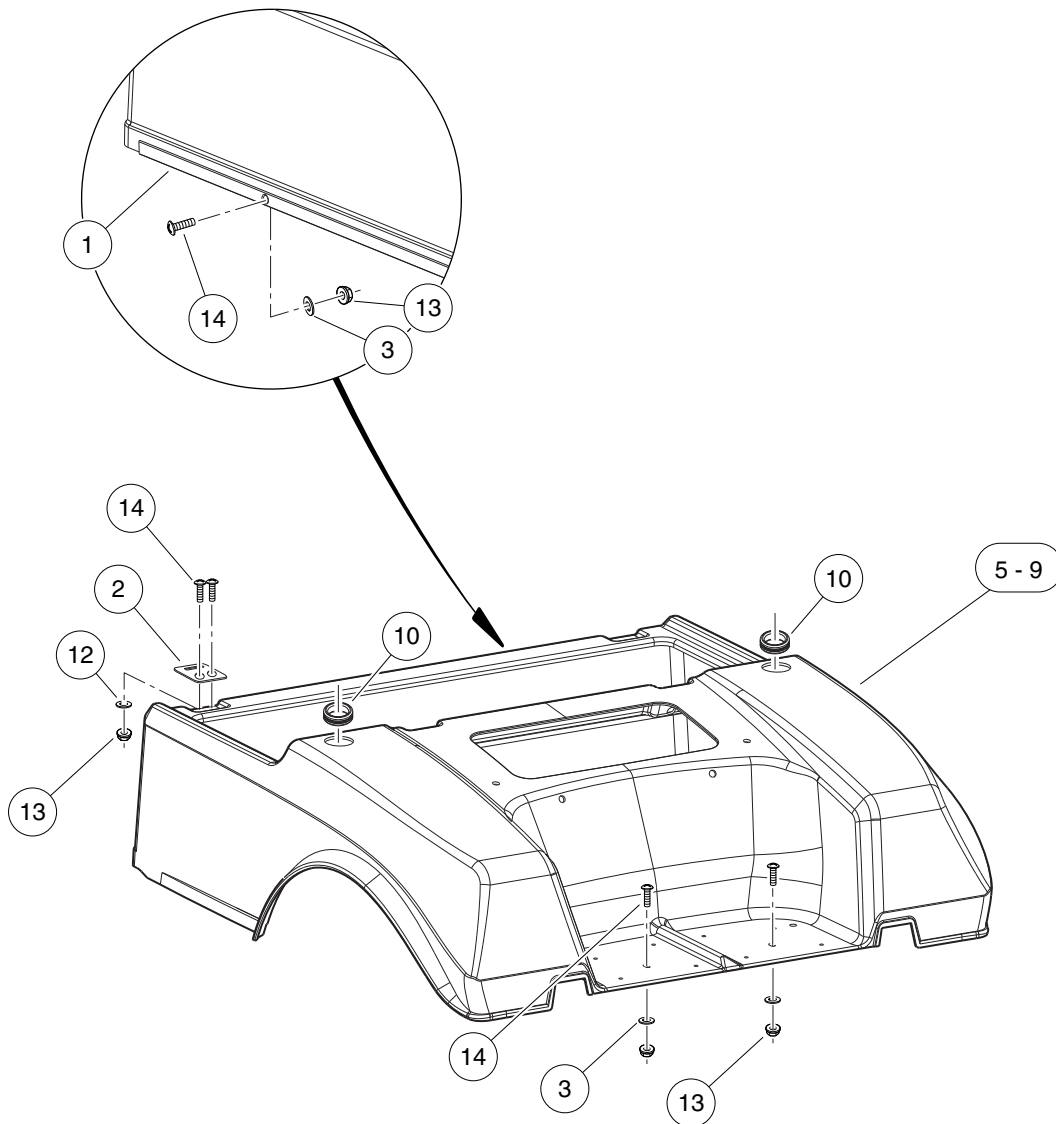
# FRONT BODY

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

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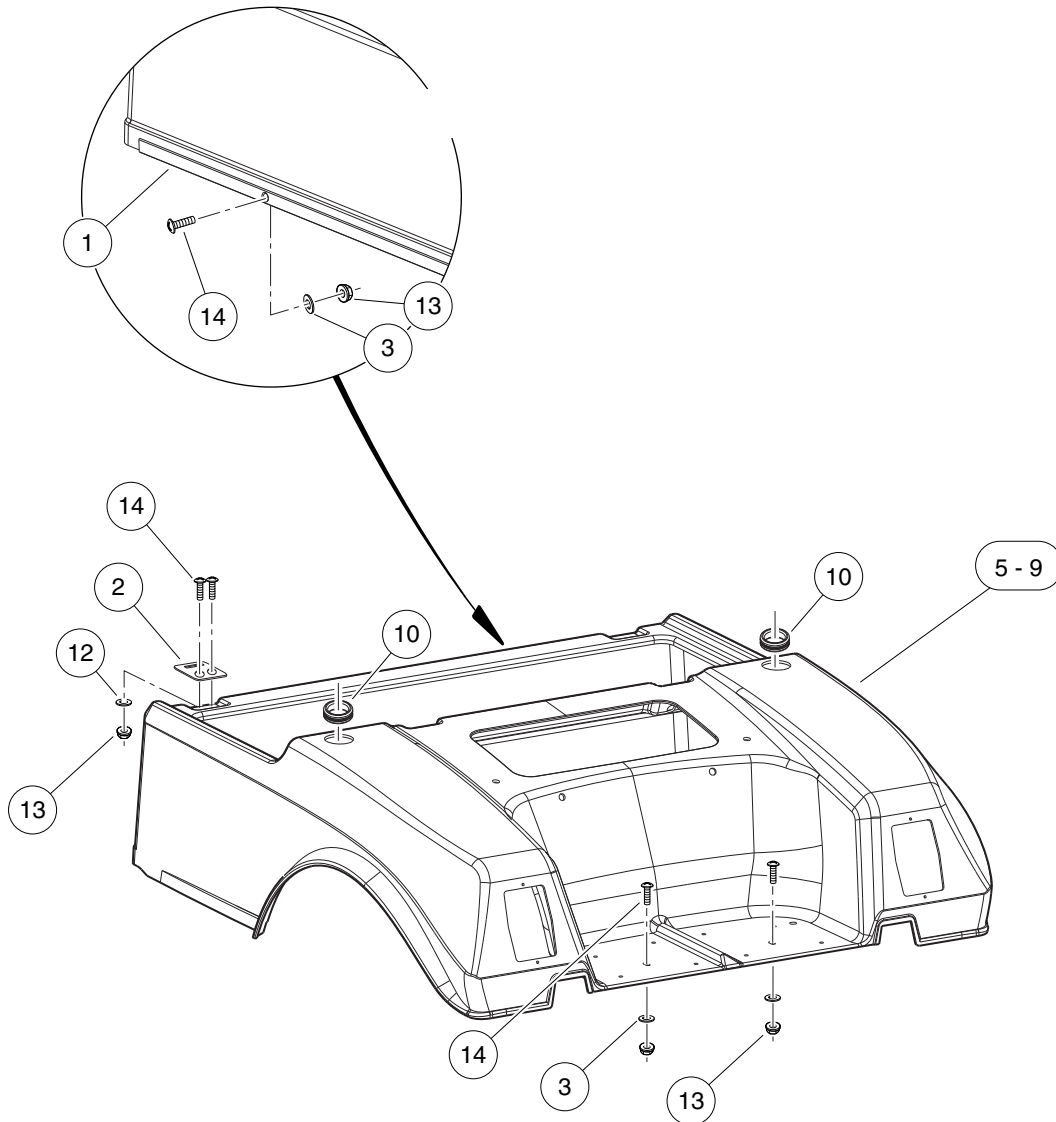
## REAR BODY WITHOUT LIGHTS

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

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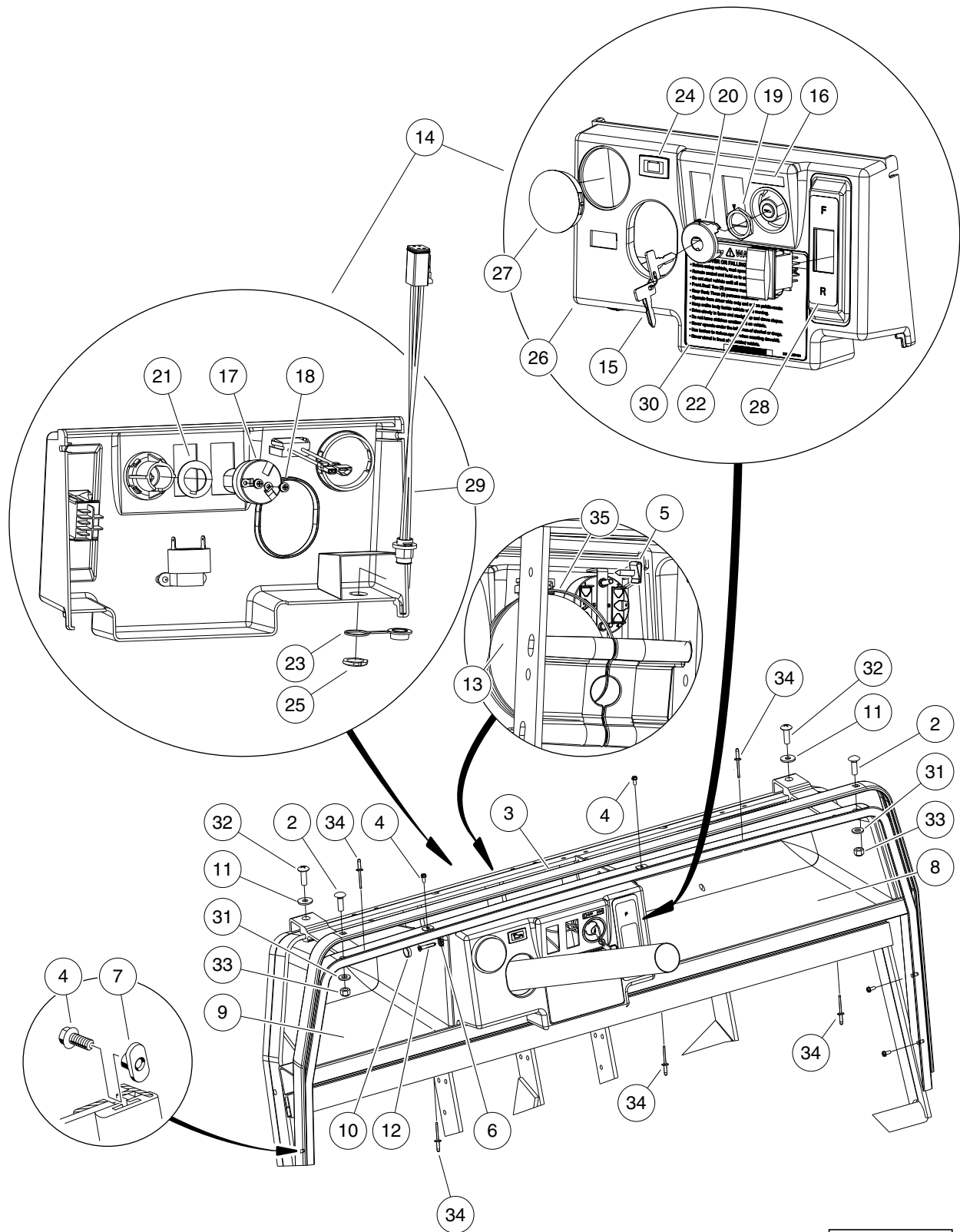
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## REAR BODY WITH LIGHTS

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

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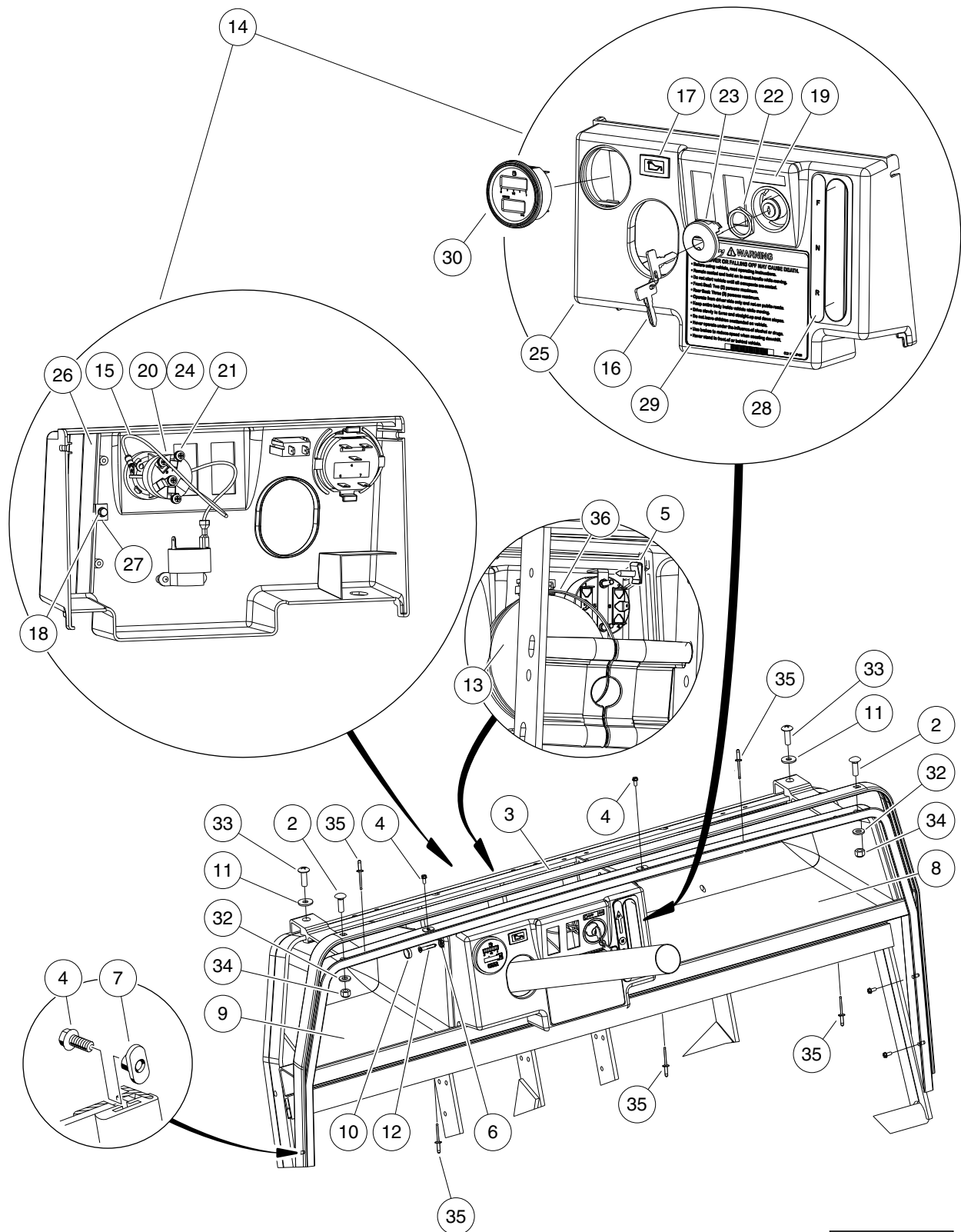
# DASH – ELECTRIC VEHICLES

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

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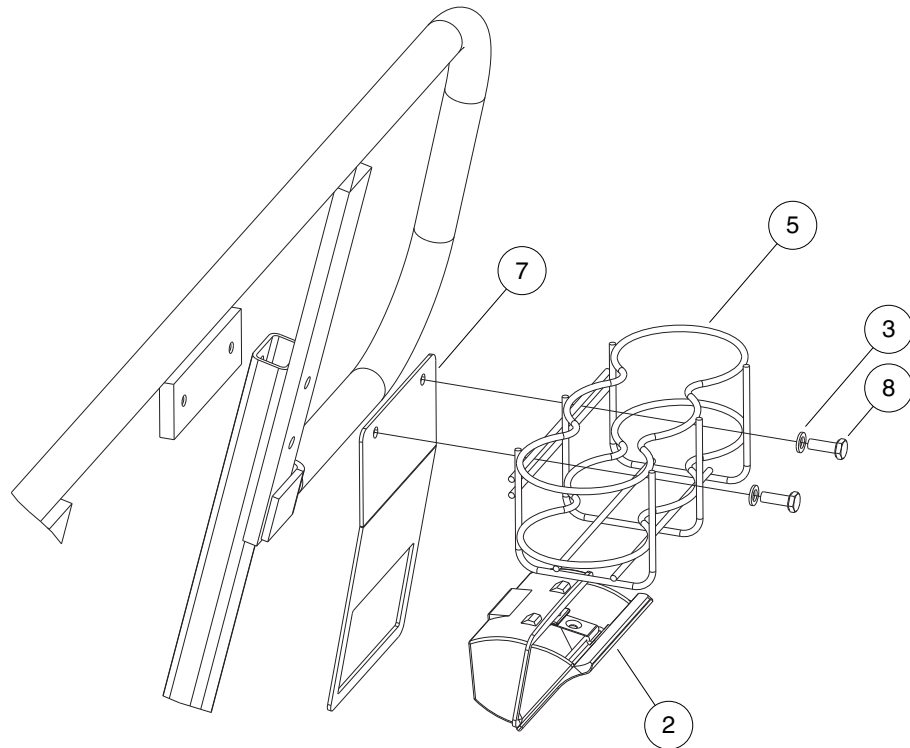
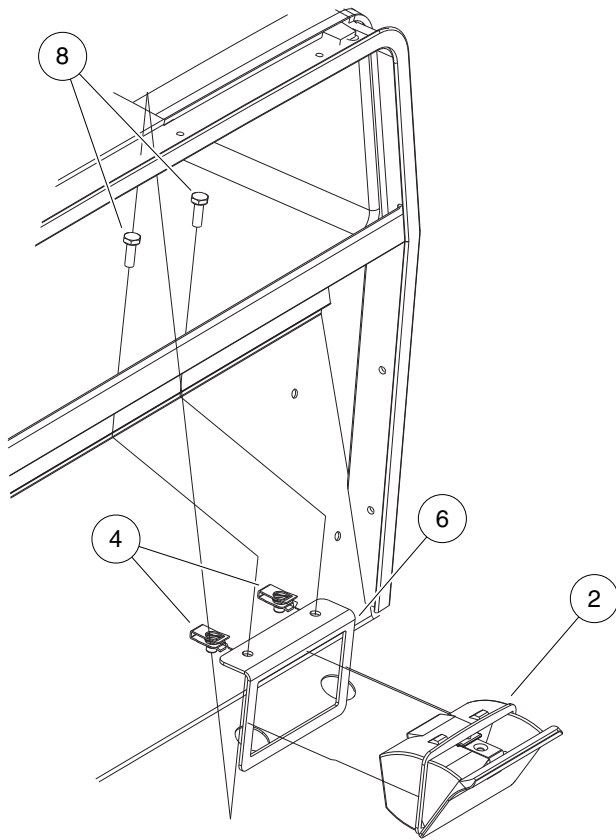
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# DASH – GASOLINE VEHICLES

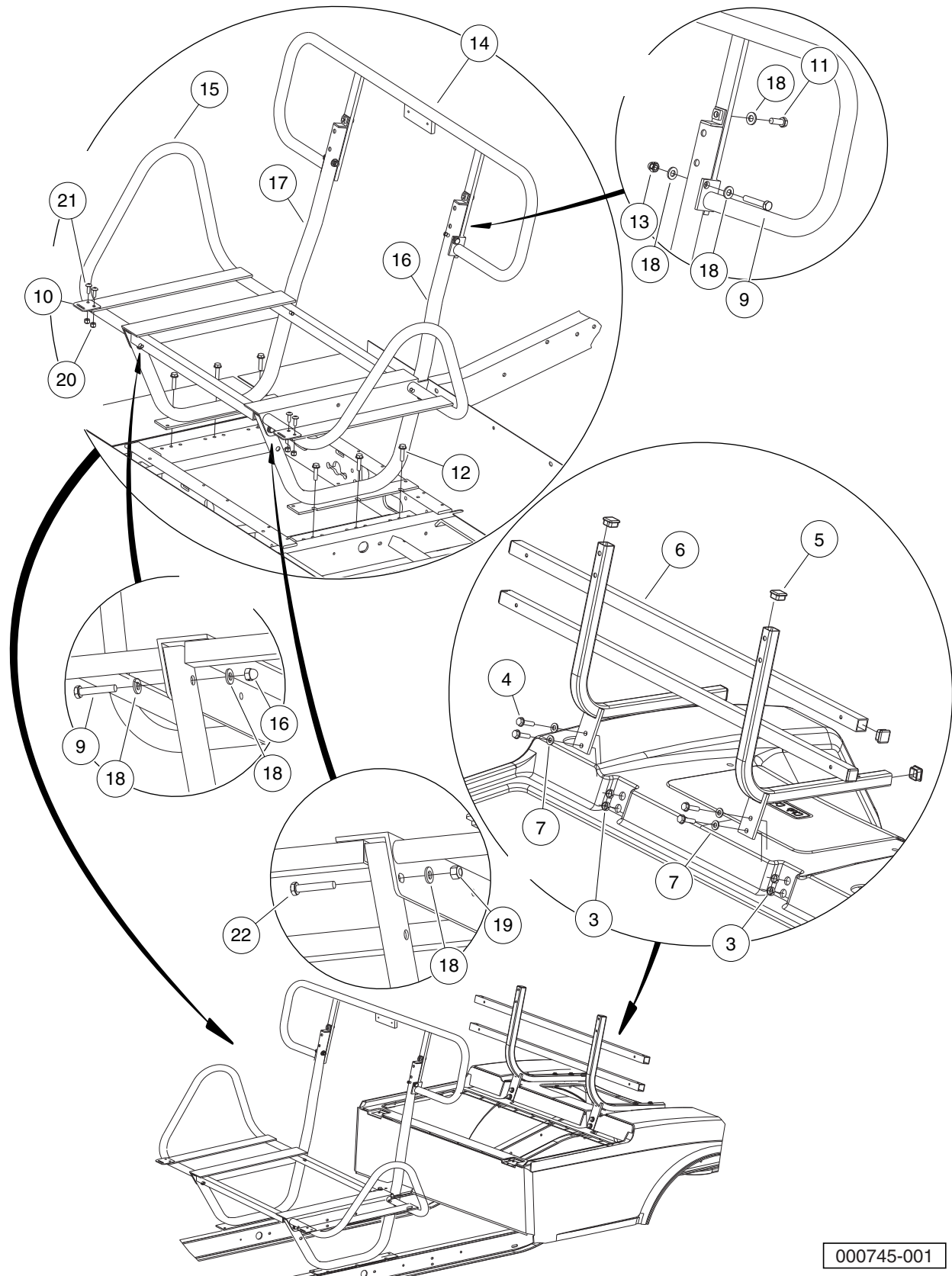
| ITEM | PART NO.  | DESCRIPTION                                                    | QTY | 1<br>G<br>E |
|------|-----------|----------------------------------------------------------------|-----|-------------|
|      |           | <b>1 2 3 4</b>                                                 |   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

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# CUP HOLDER AND ASHTRAYS

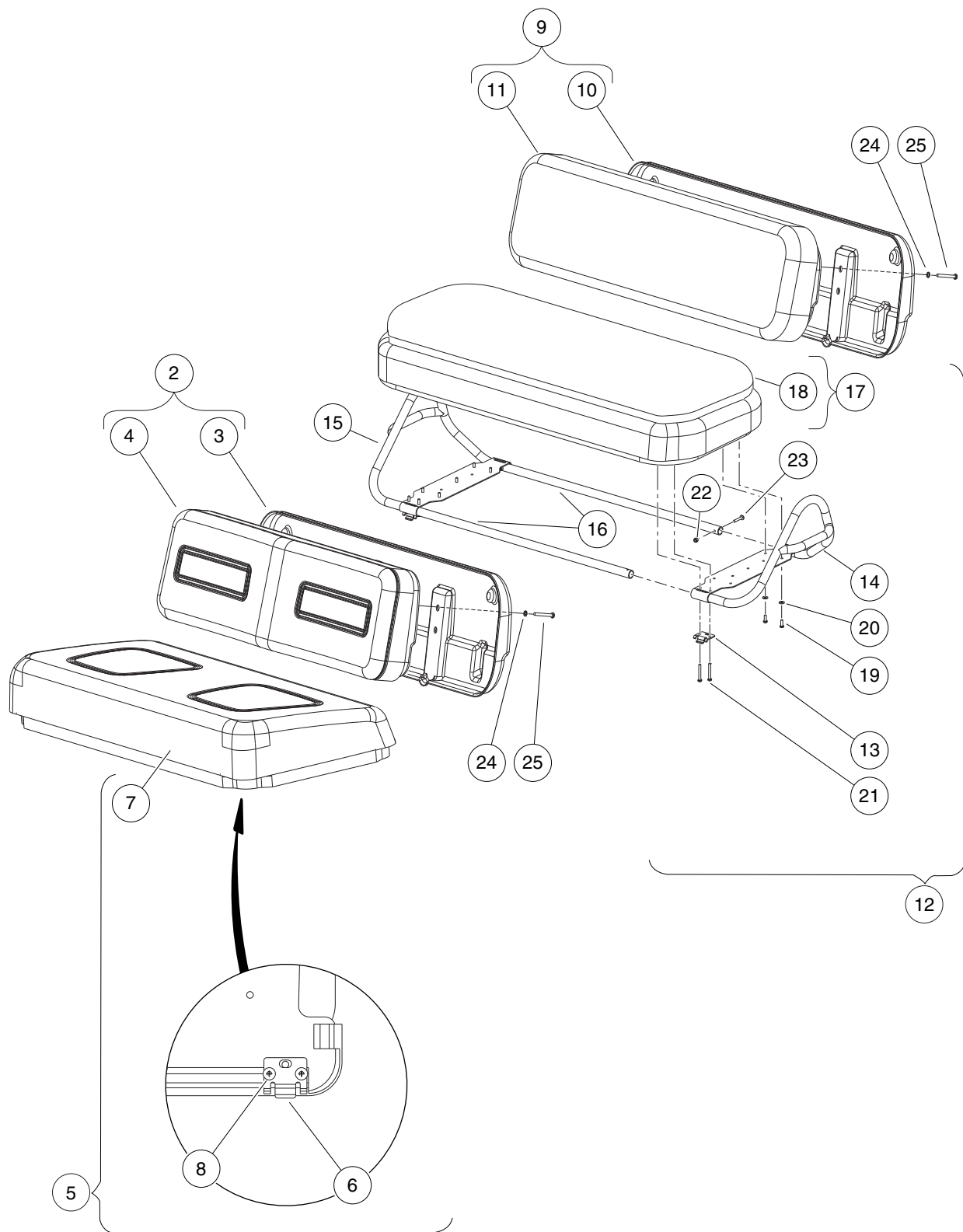
| ITEM | PART NO.  | DESCRIPTION                                                      | QTY | 1<br>G<br>E |
|------|-----------|------------------------------------------------------------------|-----|-------------|
|      |           | 1 2 3 4                                                        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

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# SEAT SUPPORT

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

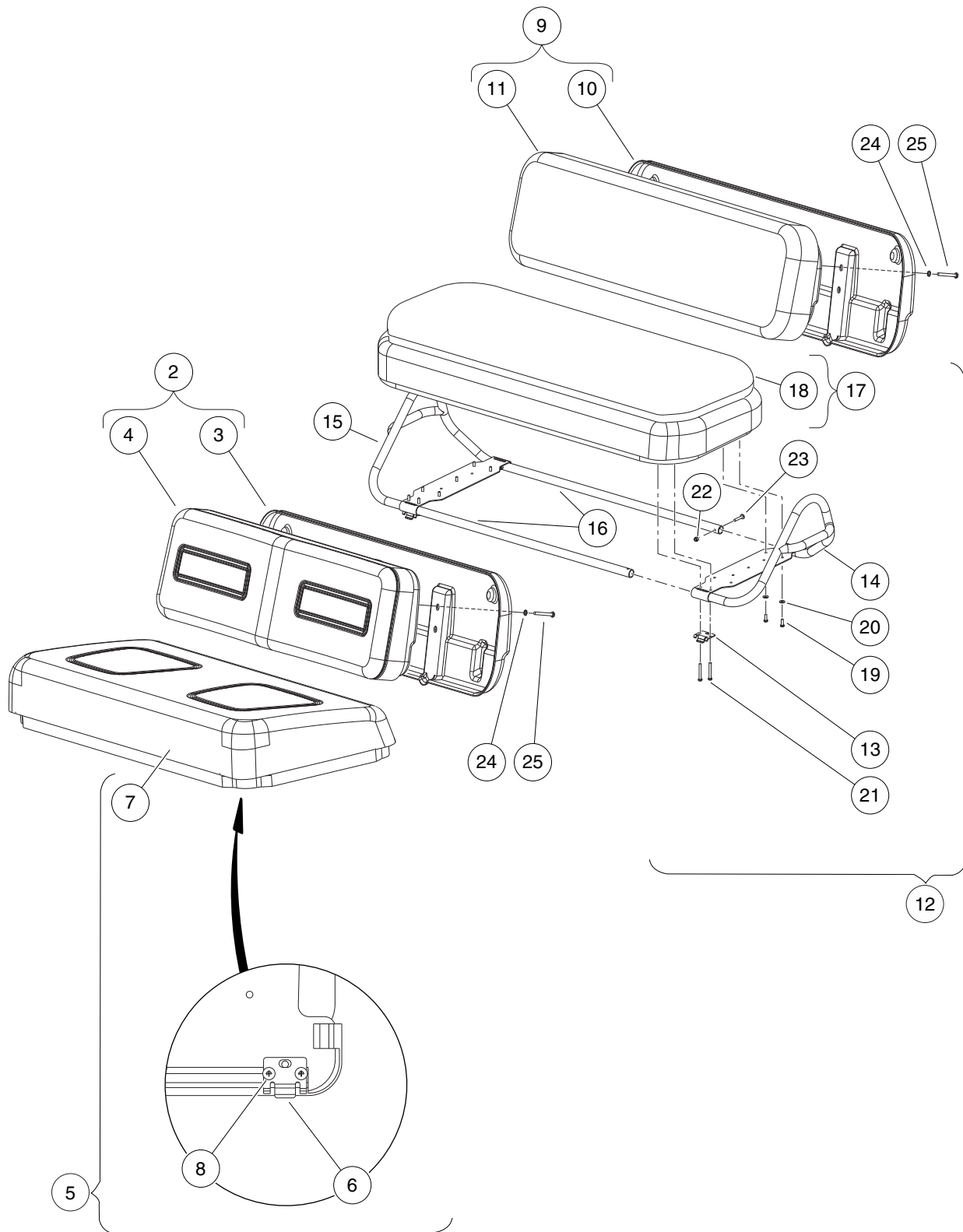


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# SEATS, BUFF

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

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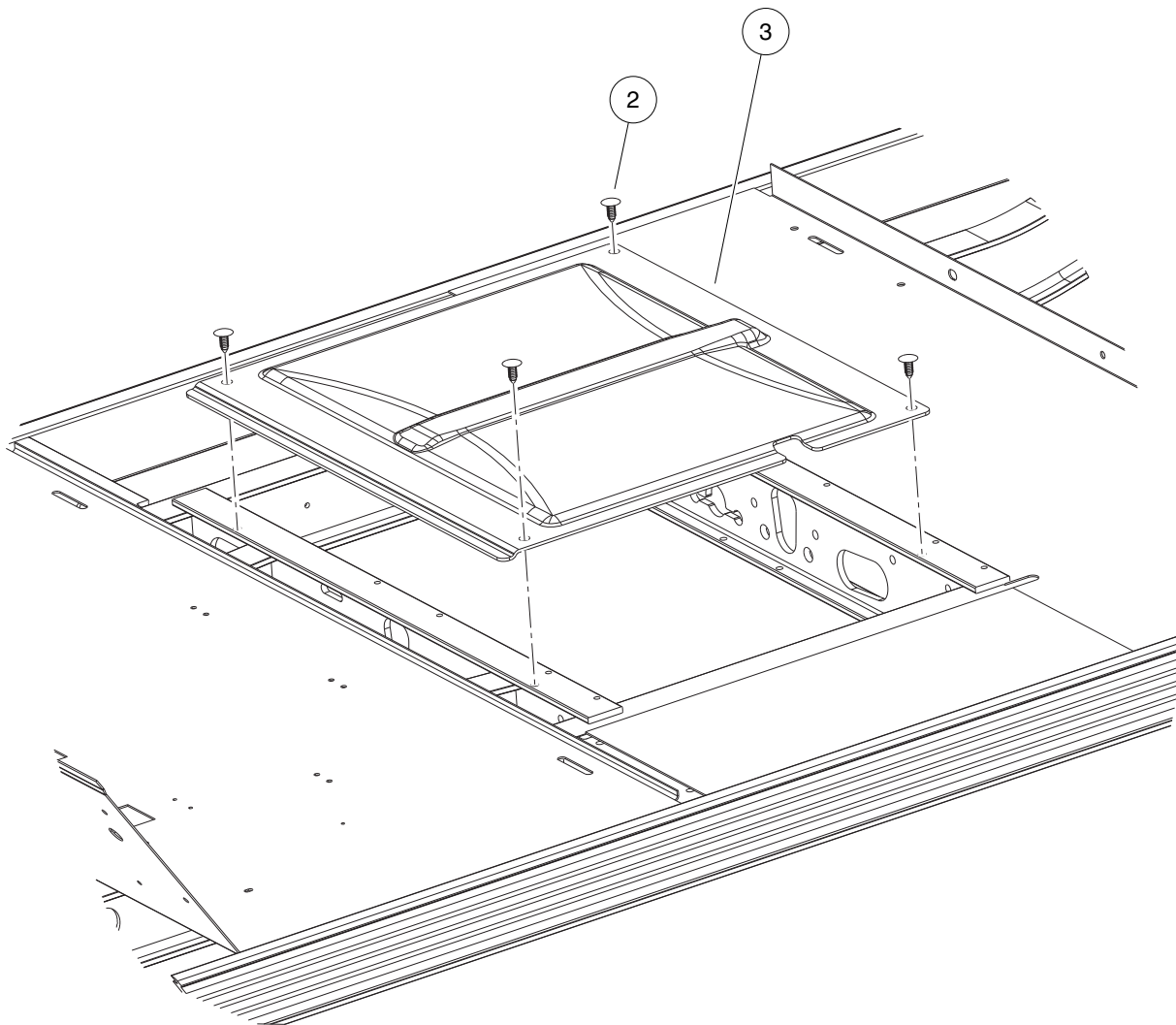
# SEATS, WHITE

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

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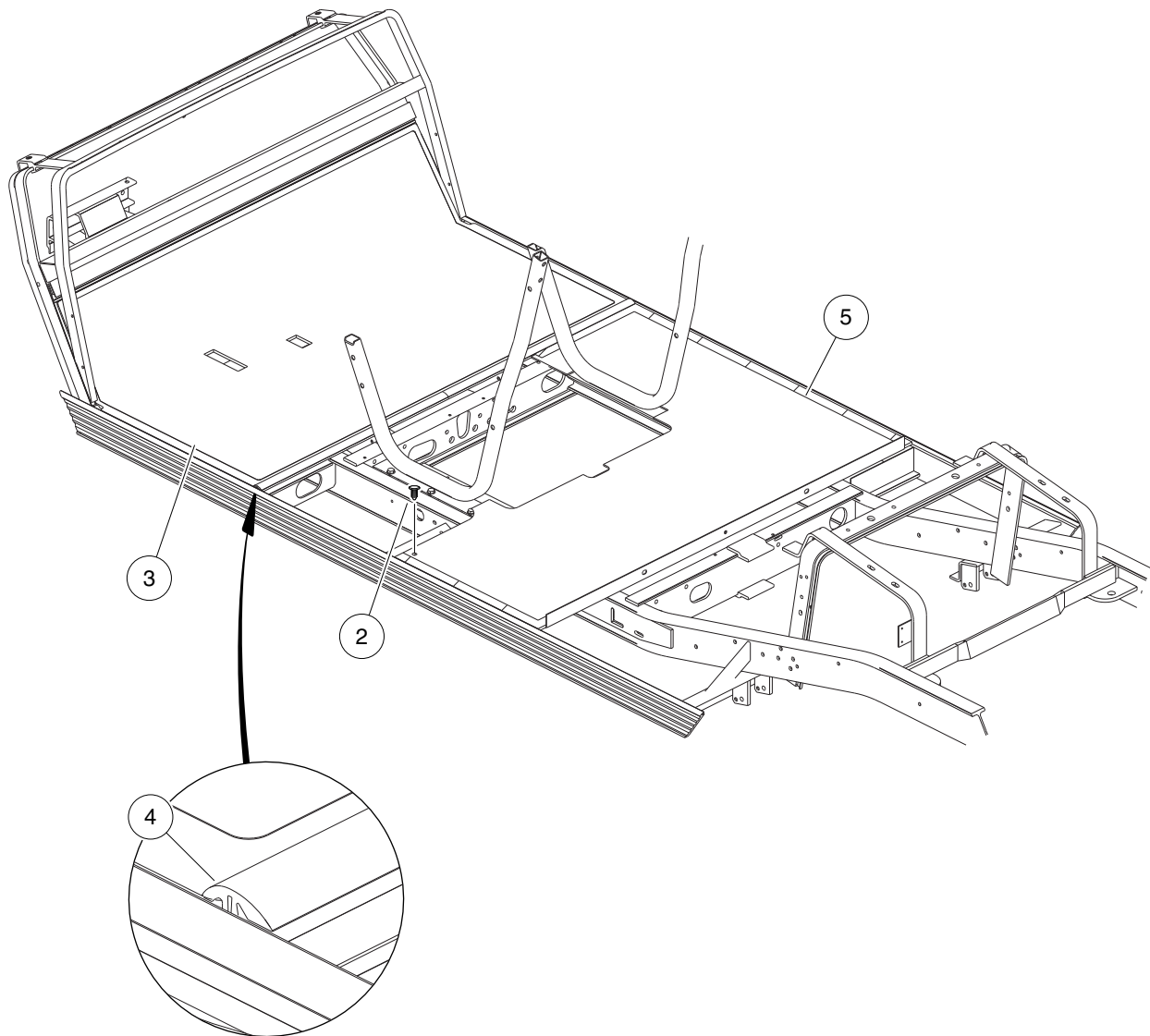
## CLOSEOUT, UNDER SEAT

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

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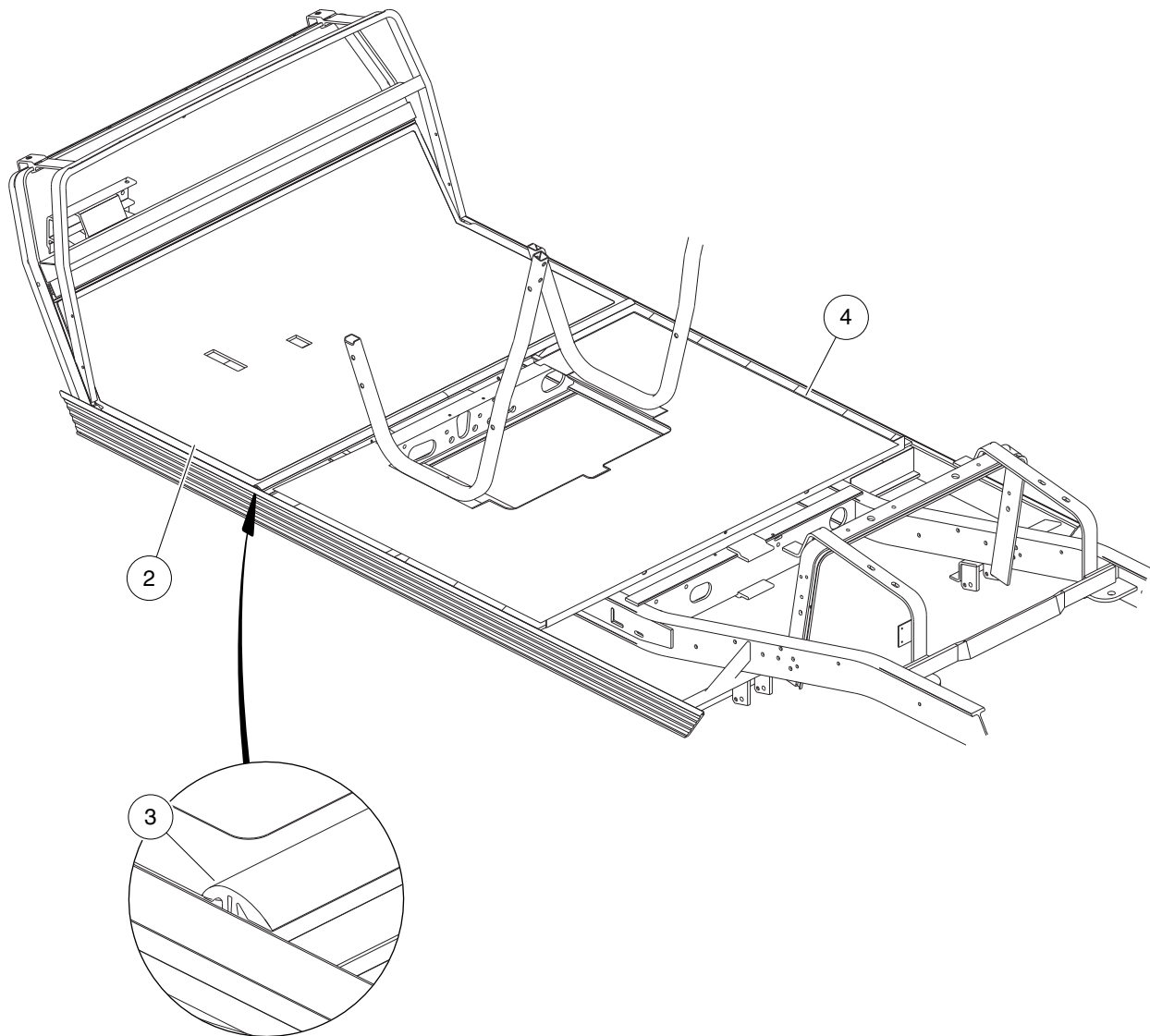
## FLOORMATS – GASOLINE VEHICLES

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

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000742-002

FLOORMATS – ELECTRIC VEHICLES

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

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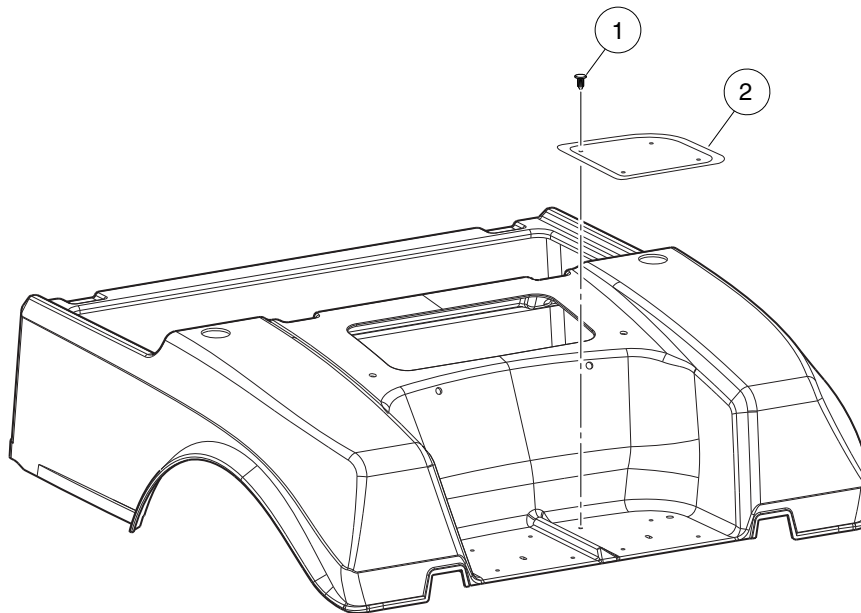
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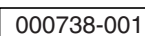
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000777-001

# BAG REST MATS

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



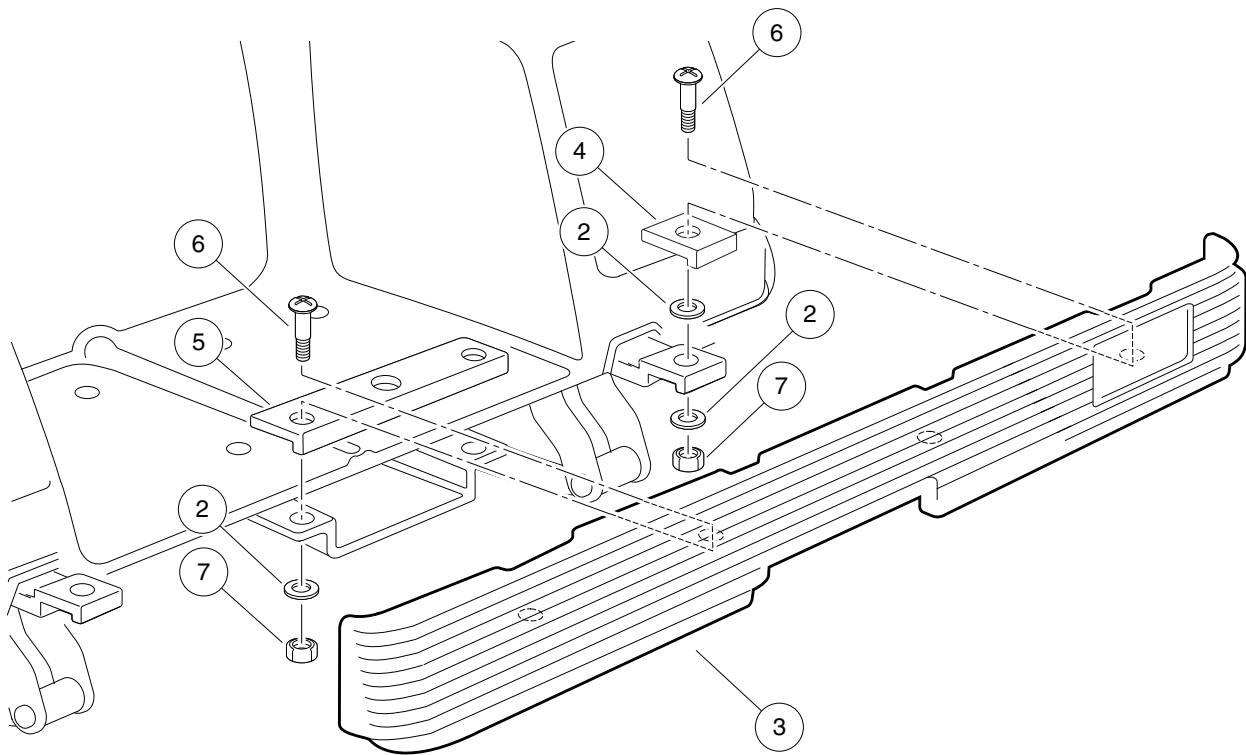
# BAGRACK

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

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000666-001

## REAR BUMPER

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

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# WHEELS AND TIRES

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2

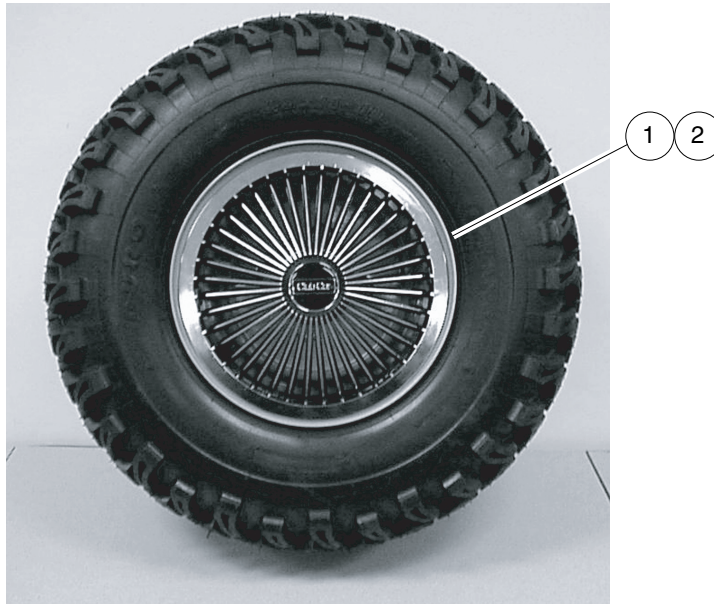
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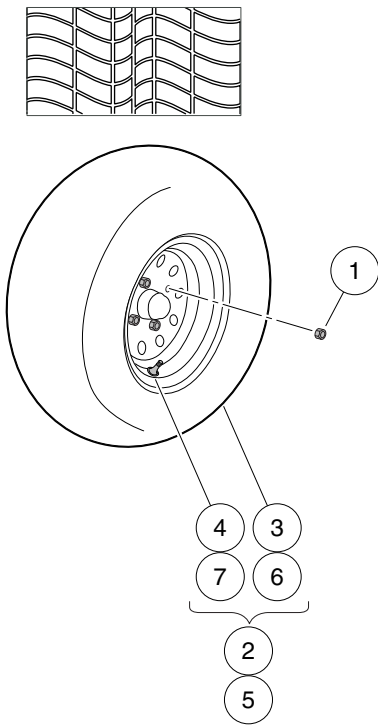
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000780-001

## WHEEL COVERS

| ITEM | PART NO. | DESCRIPTION                                          | QTY | 2 |
|------|----------|------------------------------------------------------|-----|---|
| 1    | AM10839  | 1 2 3 4<br>Wheel Cover, 10" Chrome (pair of 2) ..... | 2   | G |
| 2    | AM10840  | Wheel Cover, 10" Gold (pair of 2) .....              | 2   | E |



000737-001

## WHEELS AND TIRES

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

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# SAFETY DECALS

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### ⚠ WARNING

#### ROLLOVER OR FALLING OFF MAY CAUSE DEATH.

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



CC1 103327401

### OPERATING INSTRUCTIONS

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

#### TO OPERATE

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

#### BEFORE LEAVING

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

#### MOTOR BRAKING

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



CC1 103316001

OFF ON

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### ⚠ WARNING

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

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



CC1 103327501

000750-001

## SAFETY DECALS, ELECTRIC VEHICLES

| ITEM | PART NO.  | DESCRIPTION                        | QTY | 3<br>G<br>E |
|------|-----------|------------------------------------|-----|-------------|
|      |           | 1 2 3 4                            |     |             |
| 1    | 101825101 | Decal, Off/On .....                | 1   |             |
| 2    | 102518001 | Decal, Operating Instr, Elec ..... | 1   |             |
| 3    | N/A       | Decal, Warning, Dash .....         | 1   |             |
| 4    | 103327501 | Decal, Warning, Pass .....         | 4   |             |

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**⚠ WARNING**

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

- Do not store items in battery compartment.
- Place Run/Tow switch in TOW position before:
  - Disconnecting or connecting battery cables
  - Towing this vehicle
  - Extended storage
  - Servicing the vehicle

**NORMAL** **TRIPPED**

**TOW** **RUN**

CCI 102845101

**⚠ DANGER / POISON**

**EXPLOSIVE** **SHIELD EYES** **NO** **SULFURIC ACID** **FLUSH EYES IMMEDIATELY WITH WATER**

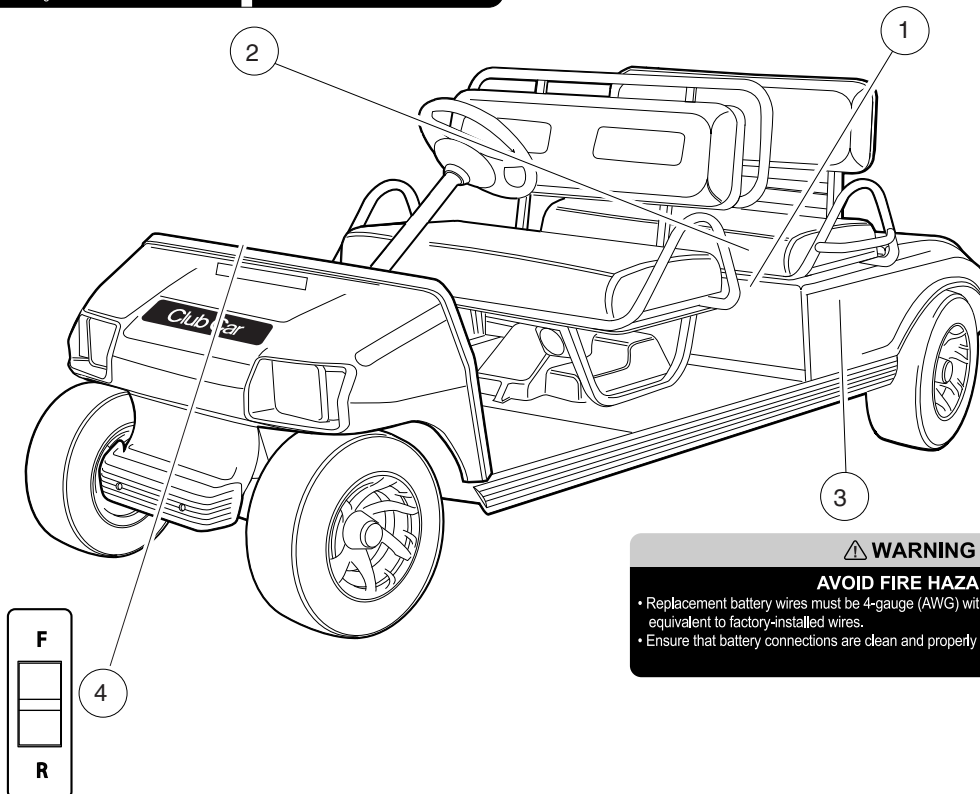
GASES CAN CAUSE BLINDNESS OR INJURY

• SPARKS  
• FLAMES  
• SMOKING

CAN CAUSE BLINDNESS OR SEVERE BURNS

GET MEDICAL HELP FAST

KEEP OUT OF THE REACH OF CHILDREN – DO NOT TIP – KEEP VENT CAPS TIGHT AND LEVEL



**⚠ WARNING**

**AVOID FIRE HAZARD**

- Replacement battery wires must be 4-gauge (AWG) with low-resistance terminals equivalent to factory-installed wires.
- Ensure that battery connections are clean and properly tightened. See owner's manual.

CCI 102967601

000750-002

SAFETY DECALS, ELECTRIC VEHICLES - CONTINUED

| ITEM | PART NO.  | DESCRIPTION                            | QTY |
|------|-----------|----------------------------------------|-----|
|      |           | 1 2 3 4                                |     |
| 1    | 1013677   | Decal, Battery Danger .....            | 1   |
| 2    | 102845101 | Decal, Tow Switch .....                | 1   |
| 3    | 102967601 | Decal, Warning, 4 Gauge Wire .....     | 1   |
| 4    | 103210301 | Decal, Forward/Reverse, Electric ..... | 1   |

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**⚠ WARNING**

**ROLLOVER OR FALLING OFF MAY CAUSE DEATH.**

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

CCI 103327401

**OPERATING INSTRUCTIONS**

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

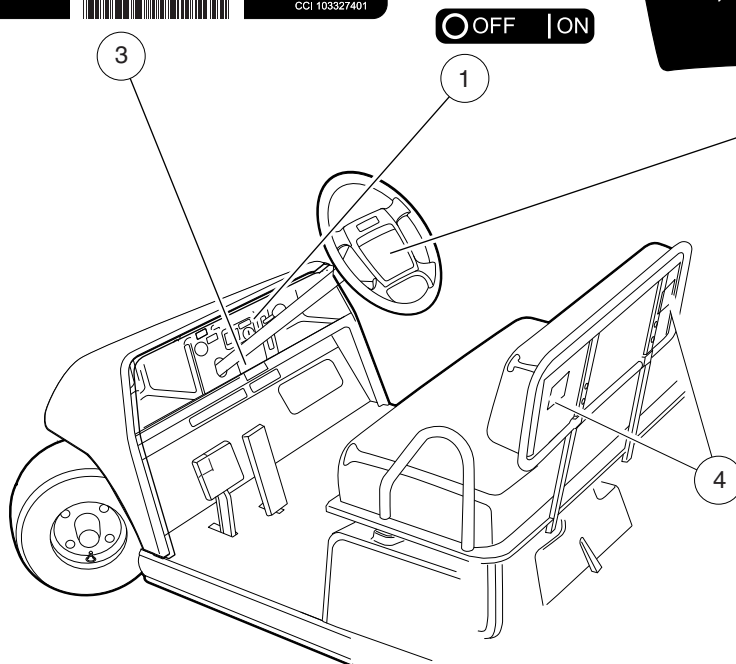
**TO OPERATE**

- 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**

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

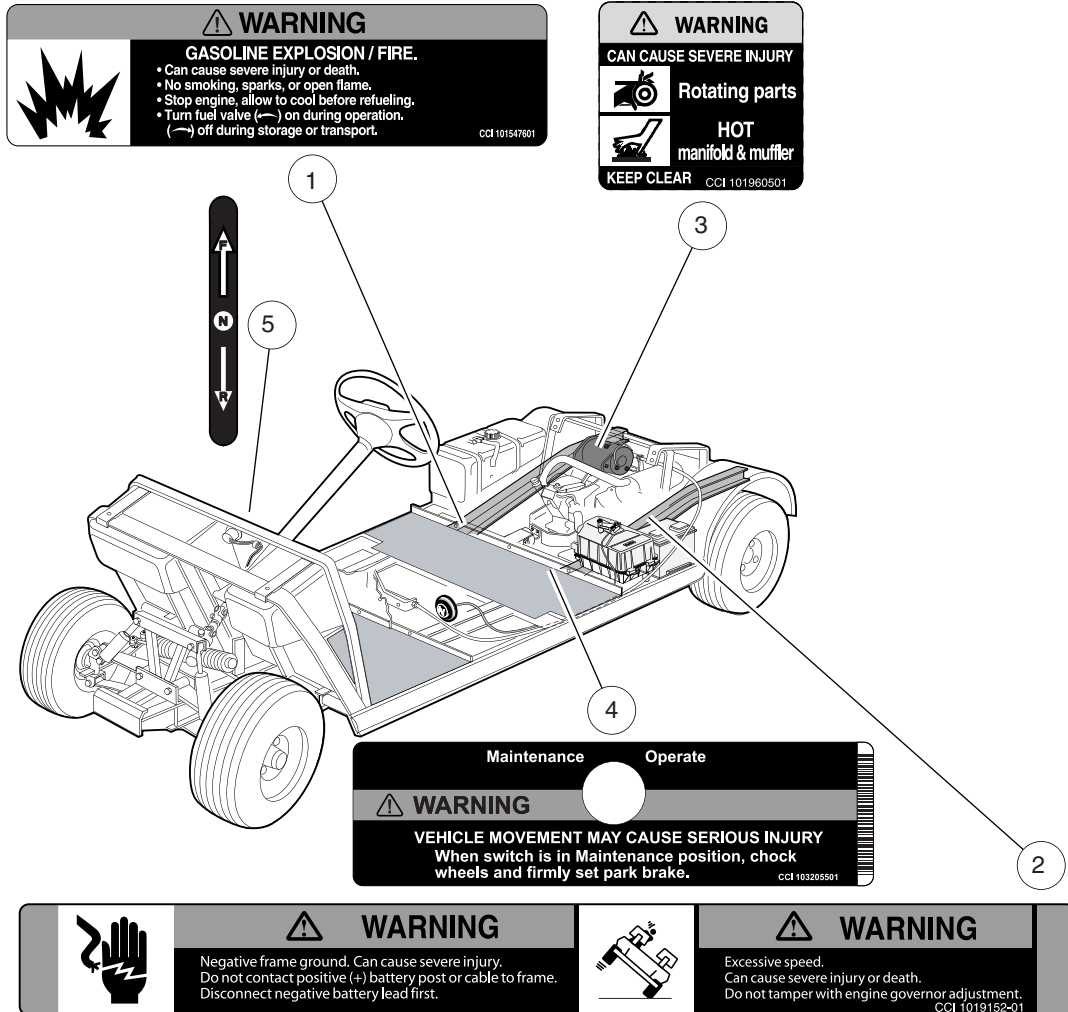
- Remain seated with entire body inside vehicle when moving.
- Hold on to seat handle or handrail at all times.
- Front Seat: Two (2) persons maximum.
- Rear Seat: Three (3) persons maximum.
- Do not leave children unattended on vehicle at anytime.
- Never stand in front of or behind vehicle.

CCI 103327501

000750-003

## SAFETY DECALS, GASOLINE VEHICLES

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



000750-004

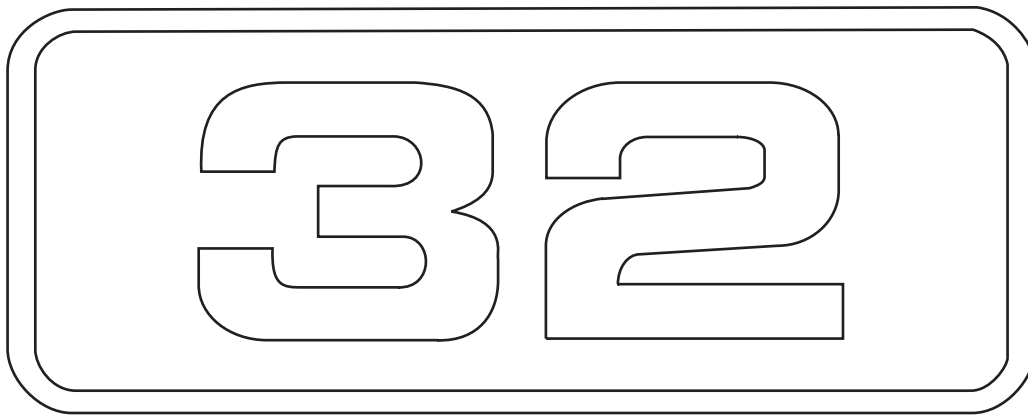
## SAFETY DECALS, GASOLINE VEHICLES - CONTINUED

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

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000779-001

FLEET NUMBERING DECALS

| ITEM | PART NO.  | DESCRIPTION                                                     | QTY |
|------|-----------|-----------------------------------------------------------------|-----|
| 1    | 101217301 | <div>1 2 3 4</div> <div>Number Decal 1 Ea B/g Loose .....</div> | 1   |

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# BRAKES, PEDAL, AND CABLE ASSEMBLIES

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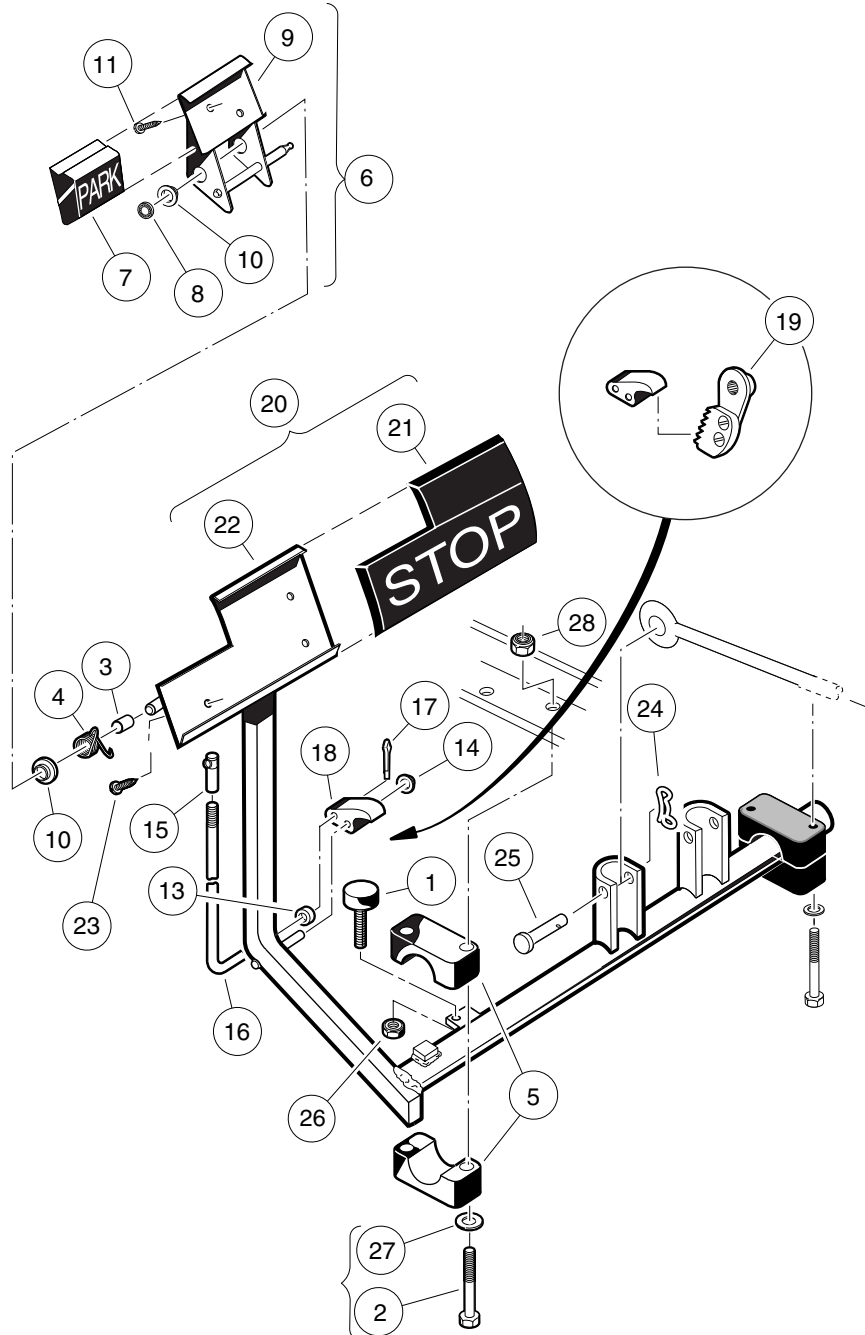
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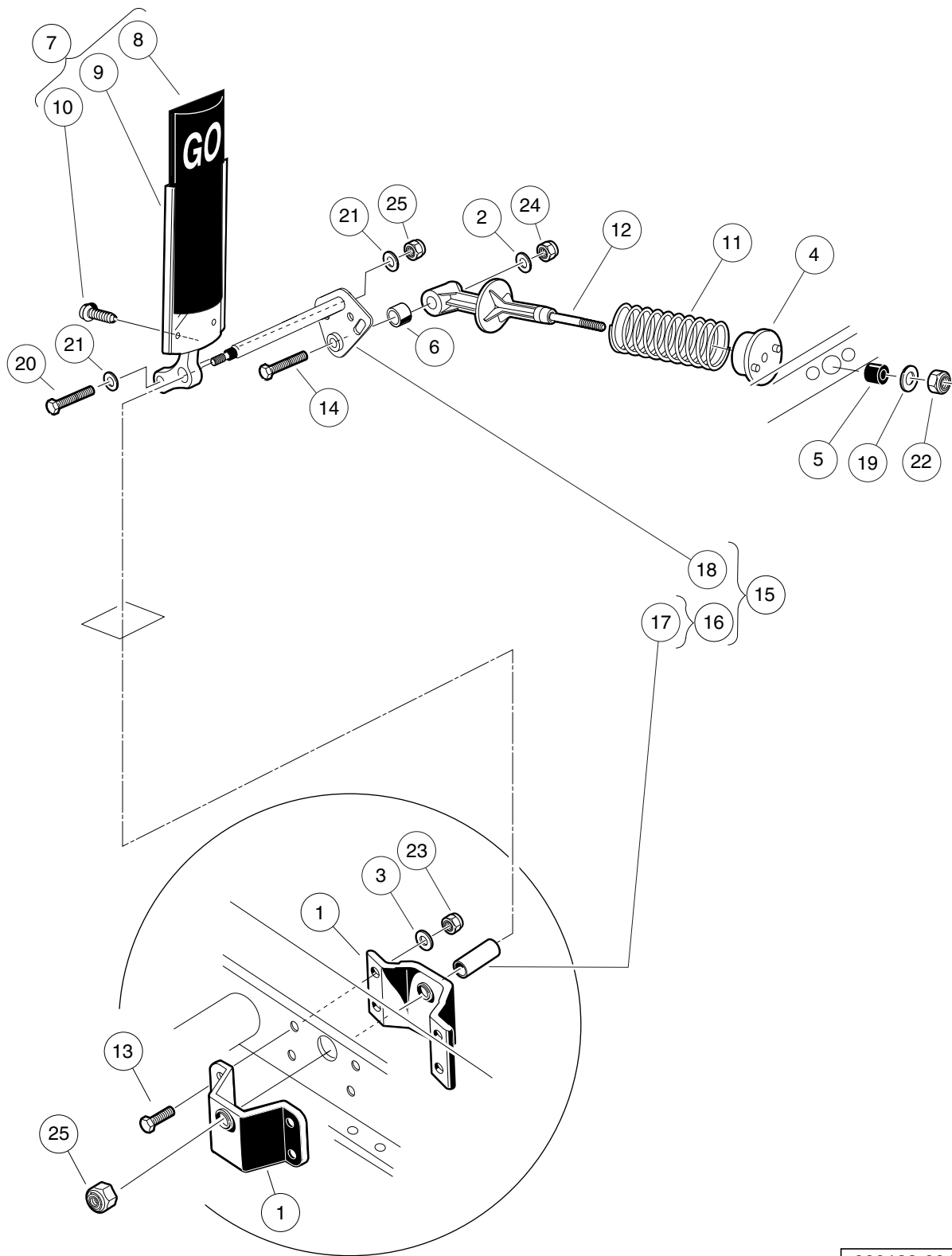
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000187-003

# BRAKE PEDAL ASSEMBLY

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



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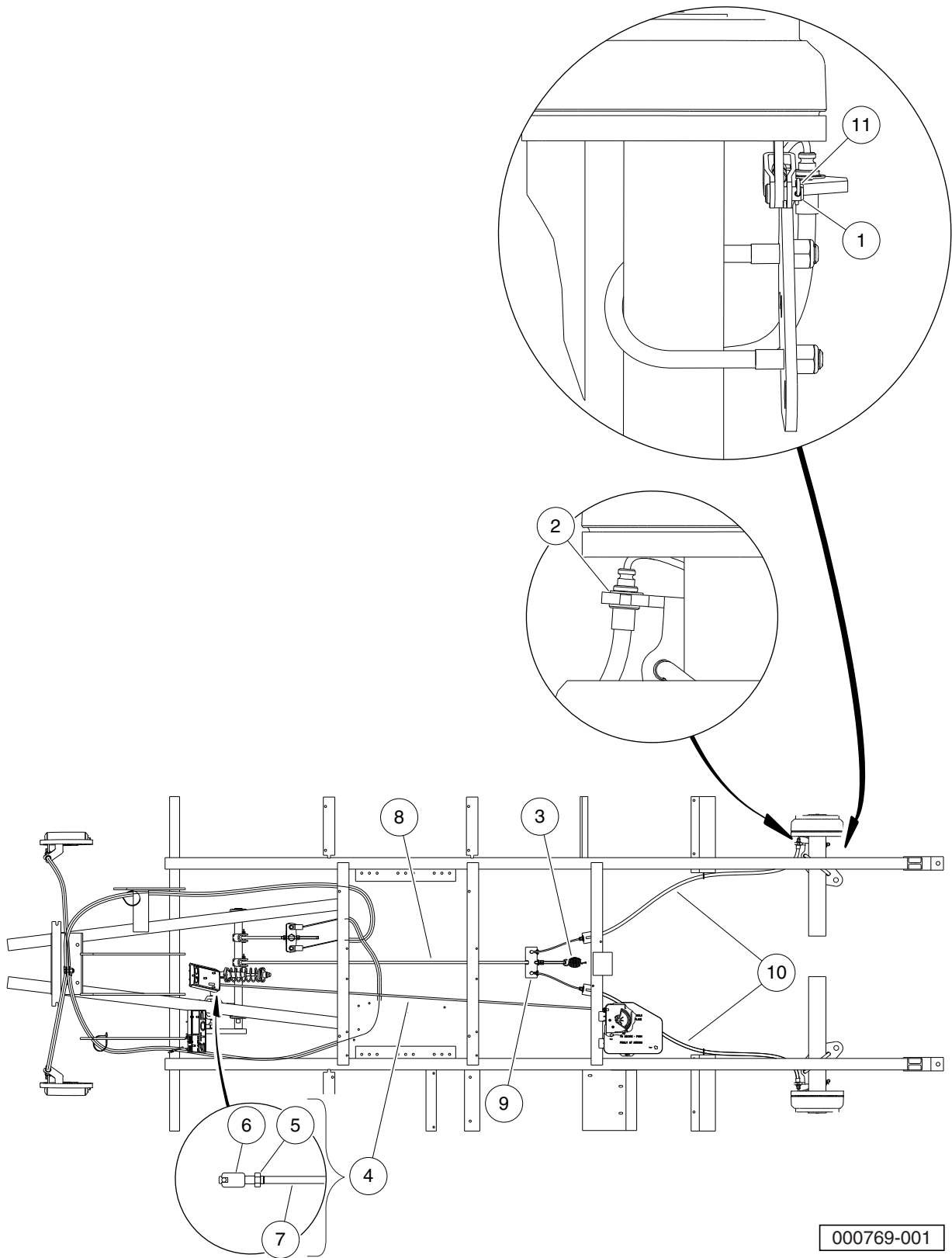
# ACCELERATOR PEDAL ASSEMBLY – ELECTRIC VEHICLES WITH MCOR

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

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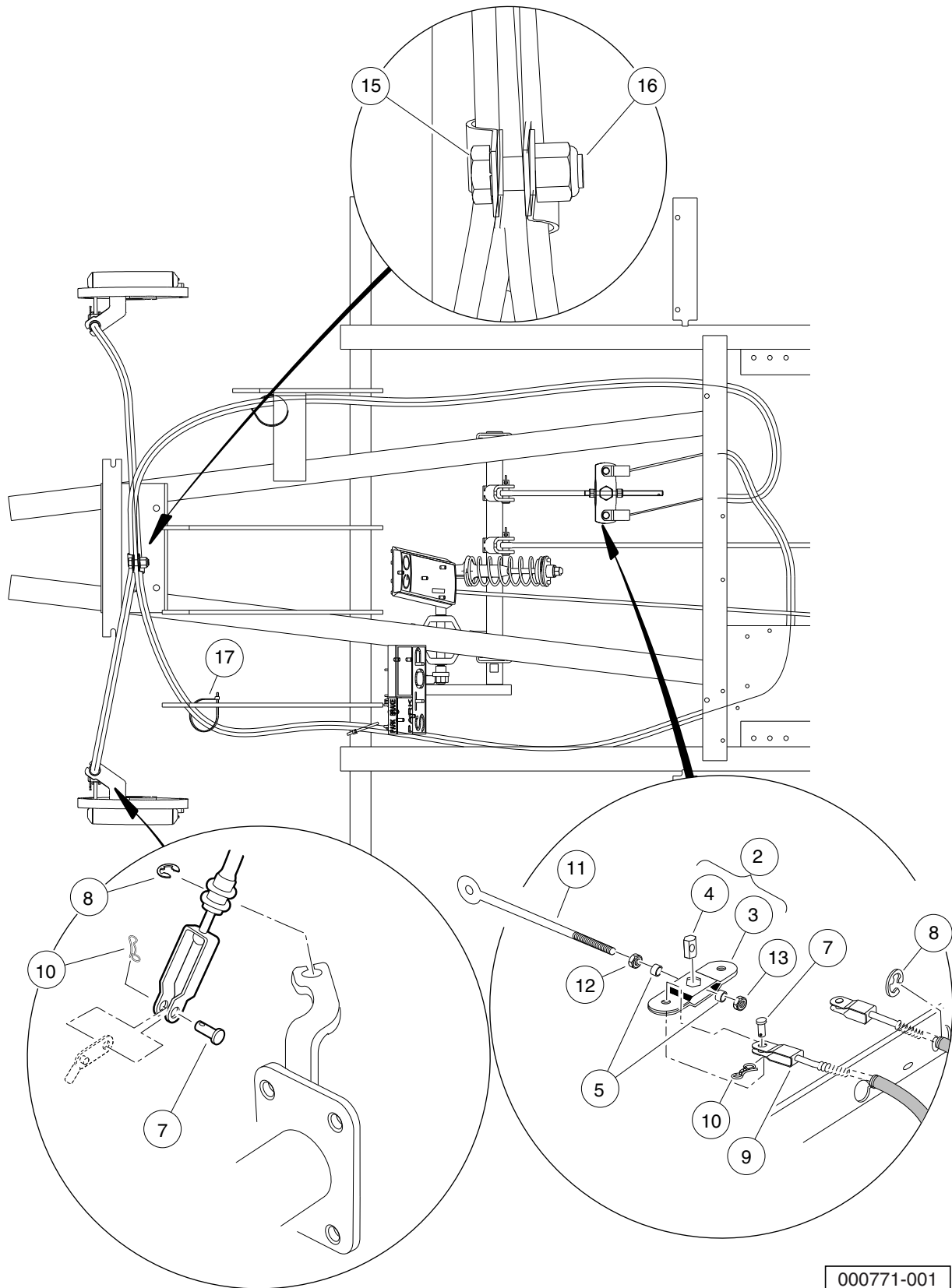
## PEDAL GROUP – GASOLINE VEHICLES

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

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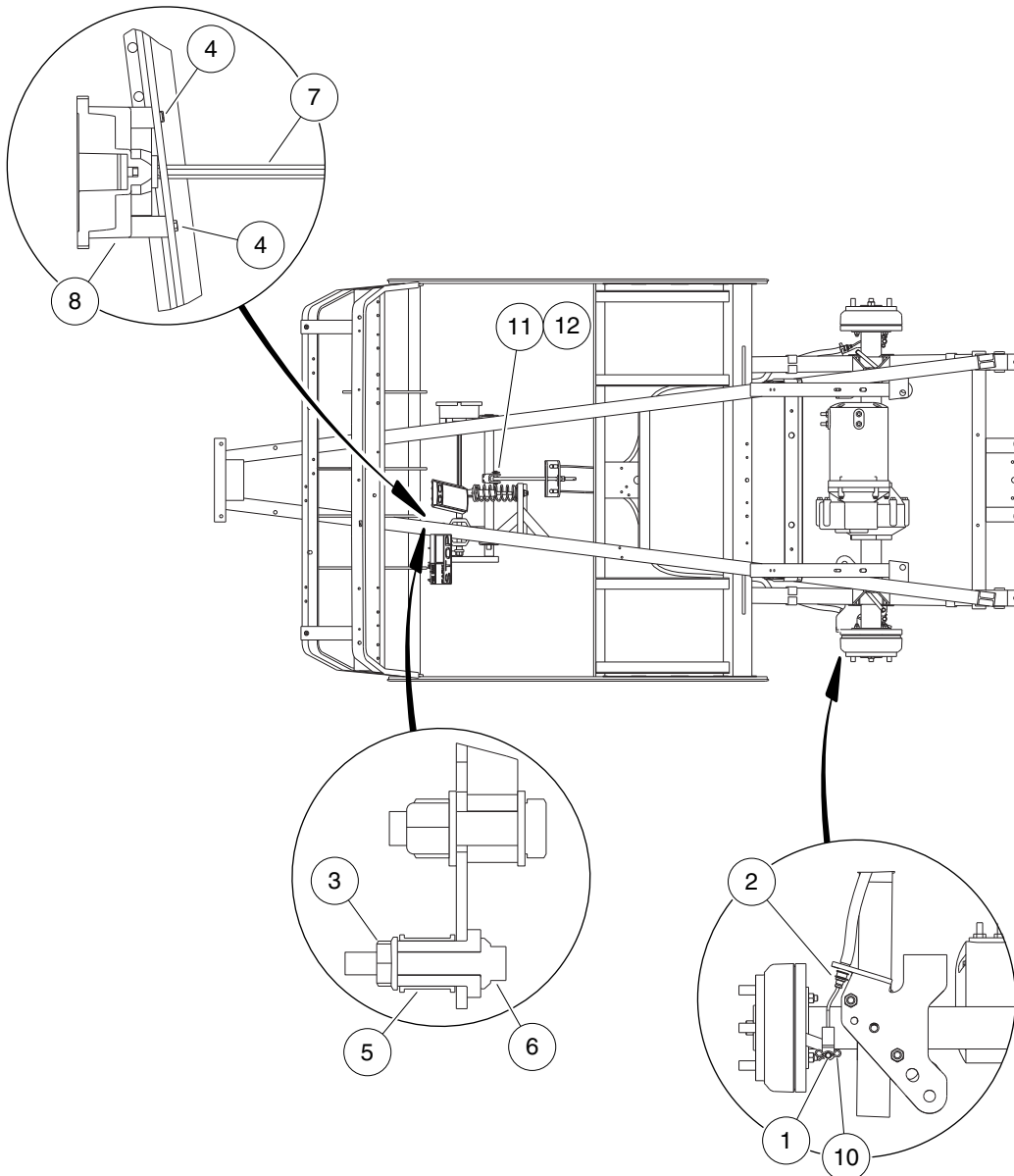
## PEDAL GROUP – GASOLINE VEHICLES, CONTINUED

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

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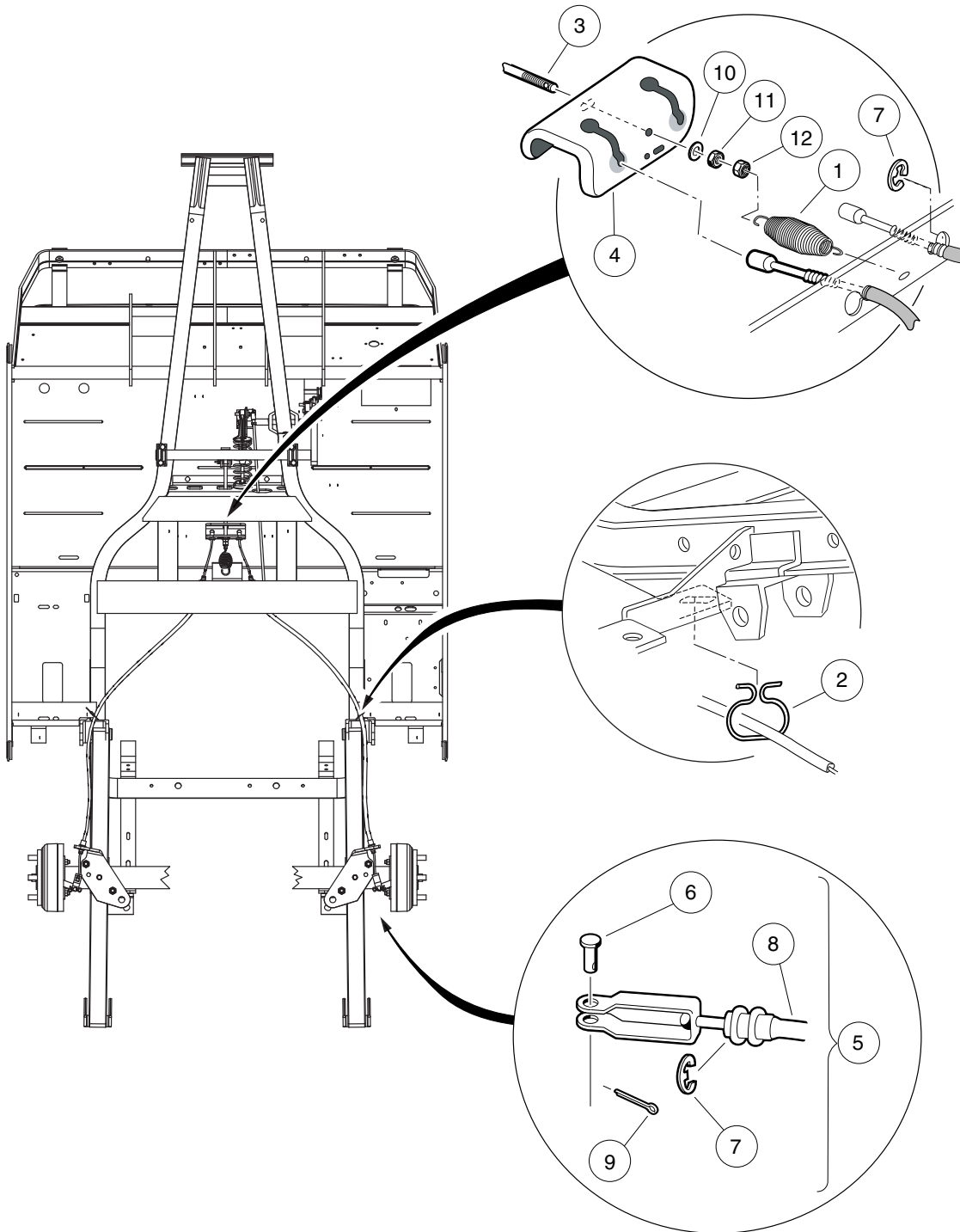
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000752-001

## PEDAL GROUP – ELECTRIC VEHICLES

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

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## PEDAL GROUP – ELECTRIC VEHICLES, CONTINUED

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

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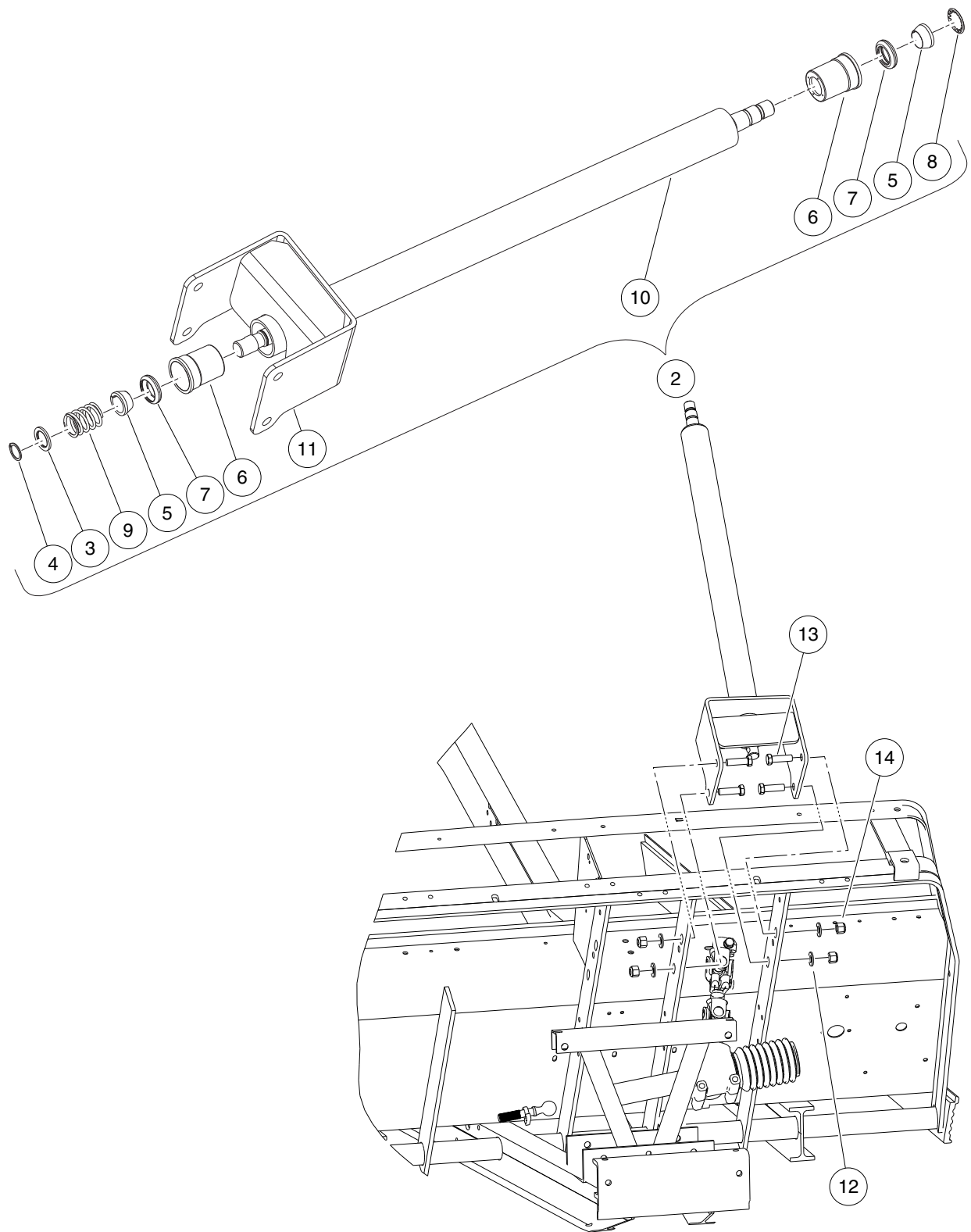
# STEERING, BRAKE CLUSTERS, FRONT AND REAR SUSPENSION

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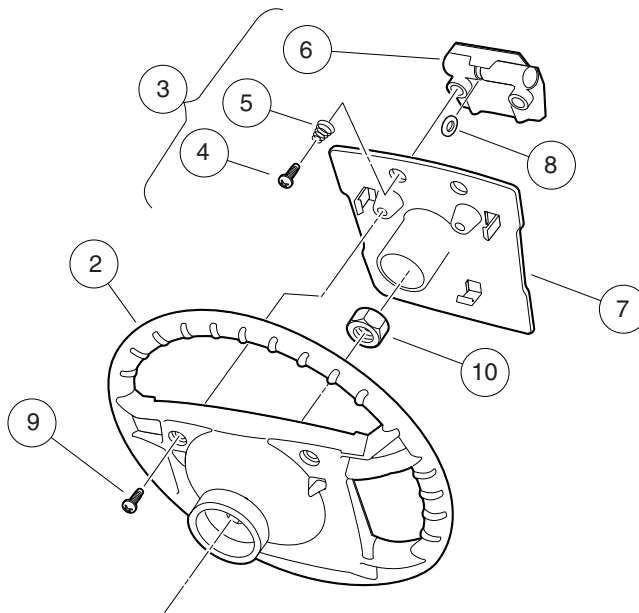
# STEERING COLUMN

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

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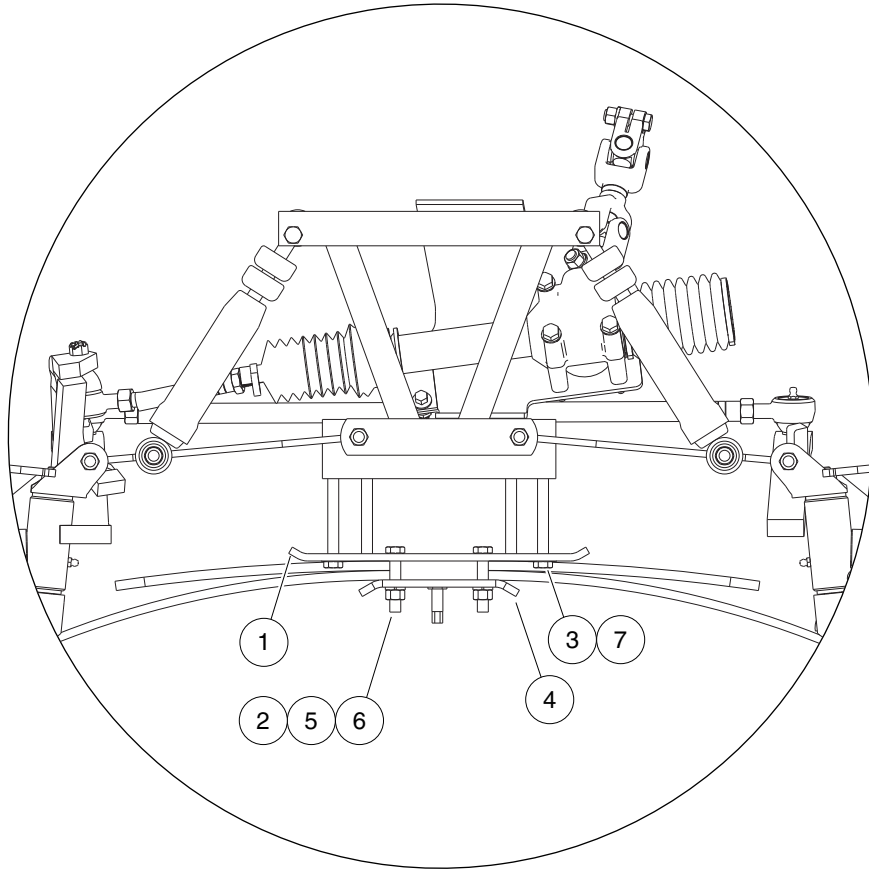


000471-002

STEERING WHEEL

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

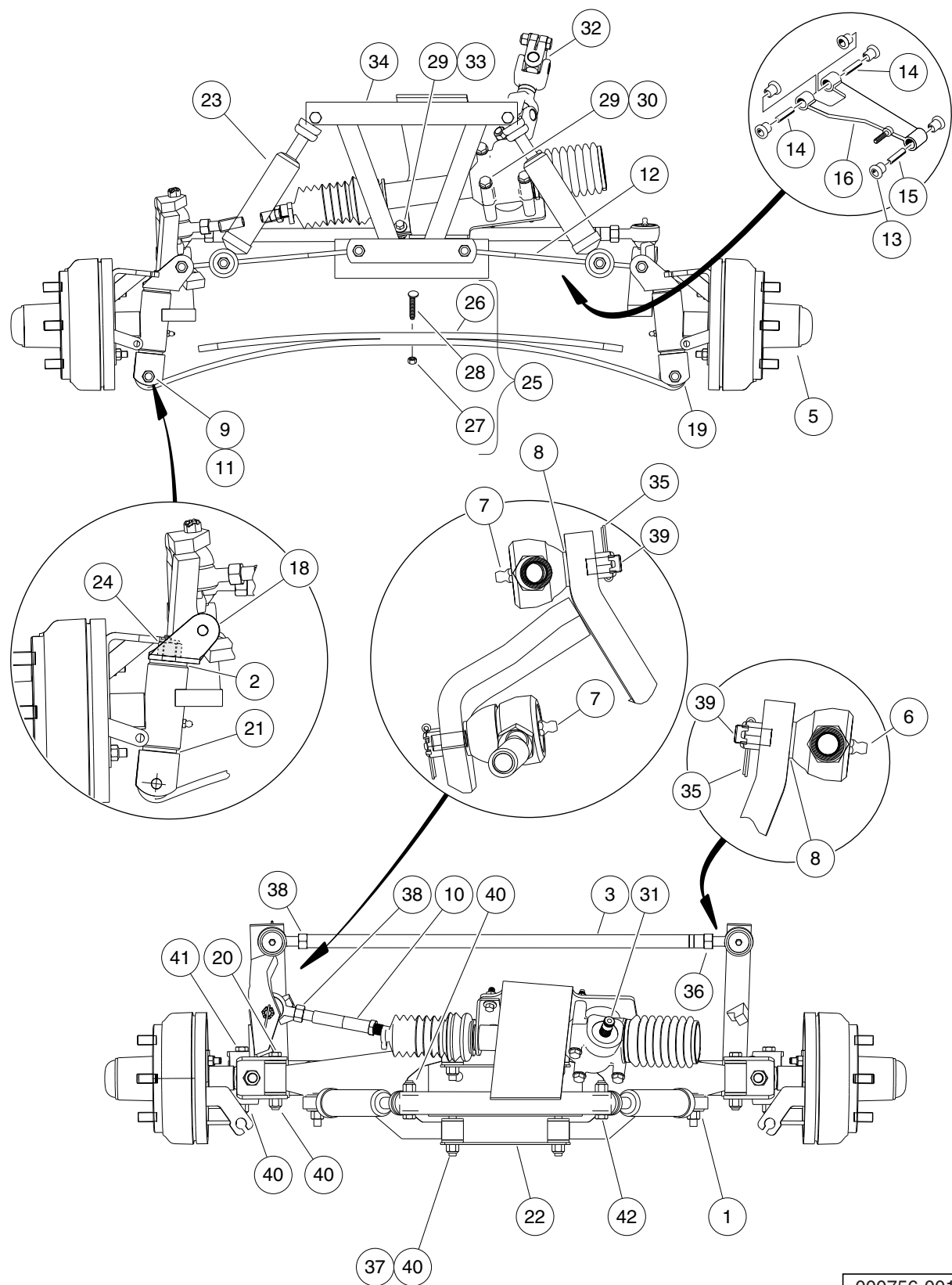
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000754-001

# FRONT SUSPENSION COMPONENTS

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



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## FRONT SUSPENSION COMPONENTS, CONTINUED

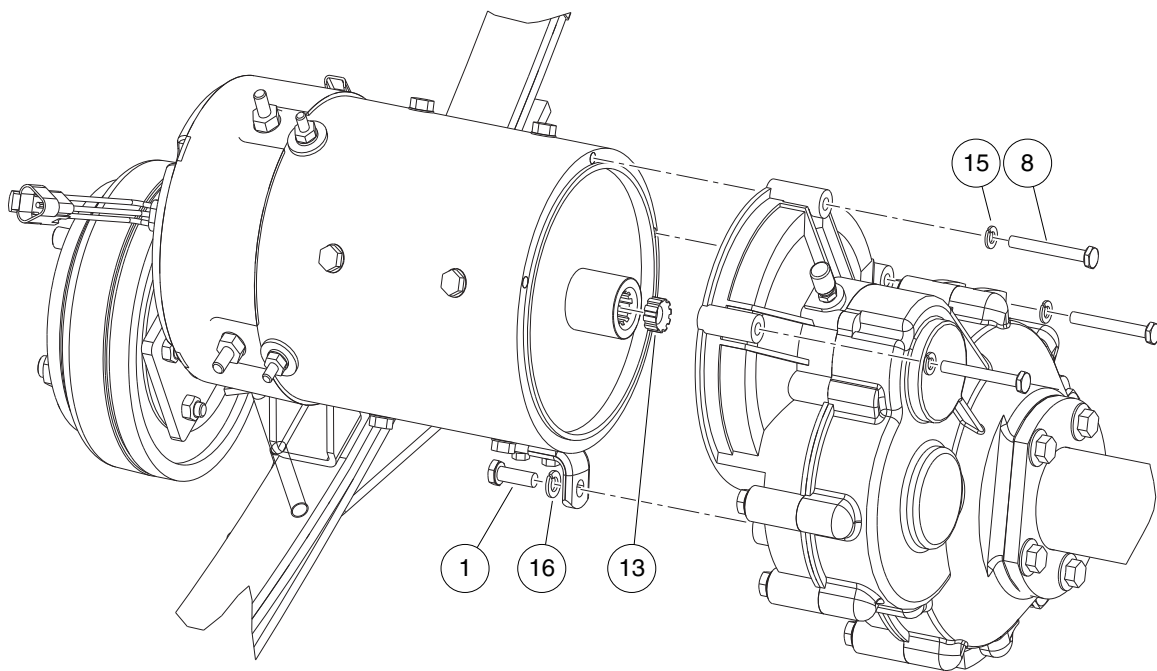
| ITEM | PART NO.  | DESCRIPTION                                                      | QTY |
|------|-----------|------------------------------------------------------------------|-----|
|      |           | <b>1 2 3 4</b>                                                   |     |
| 1    | 1010138  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

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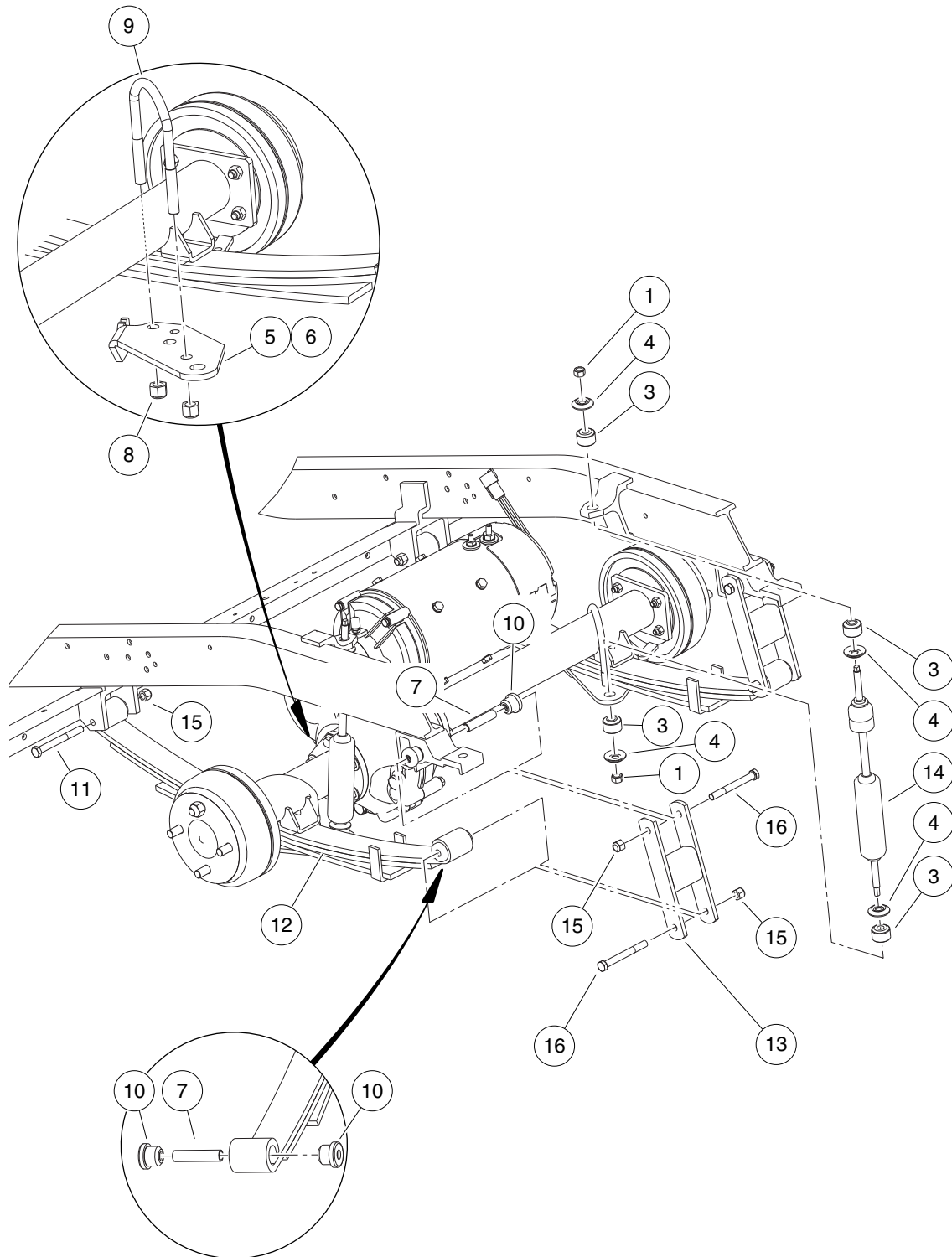
## DRIVE UNIT MOUNTING

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

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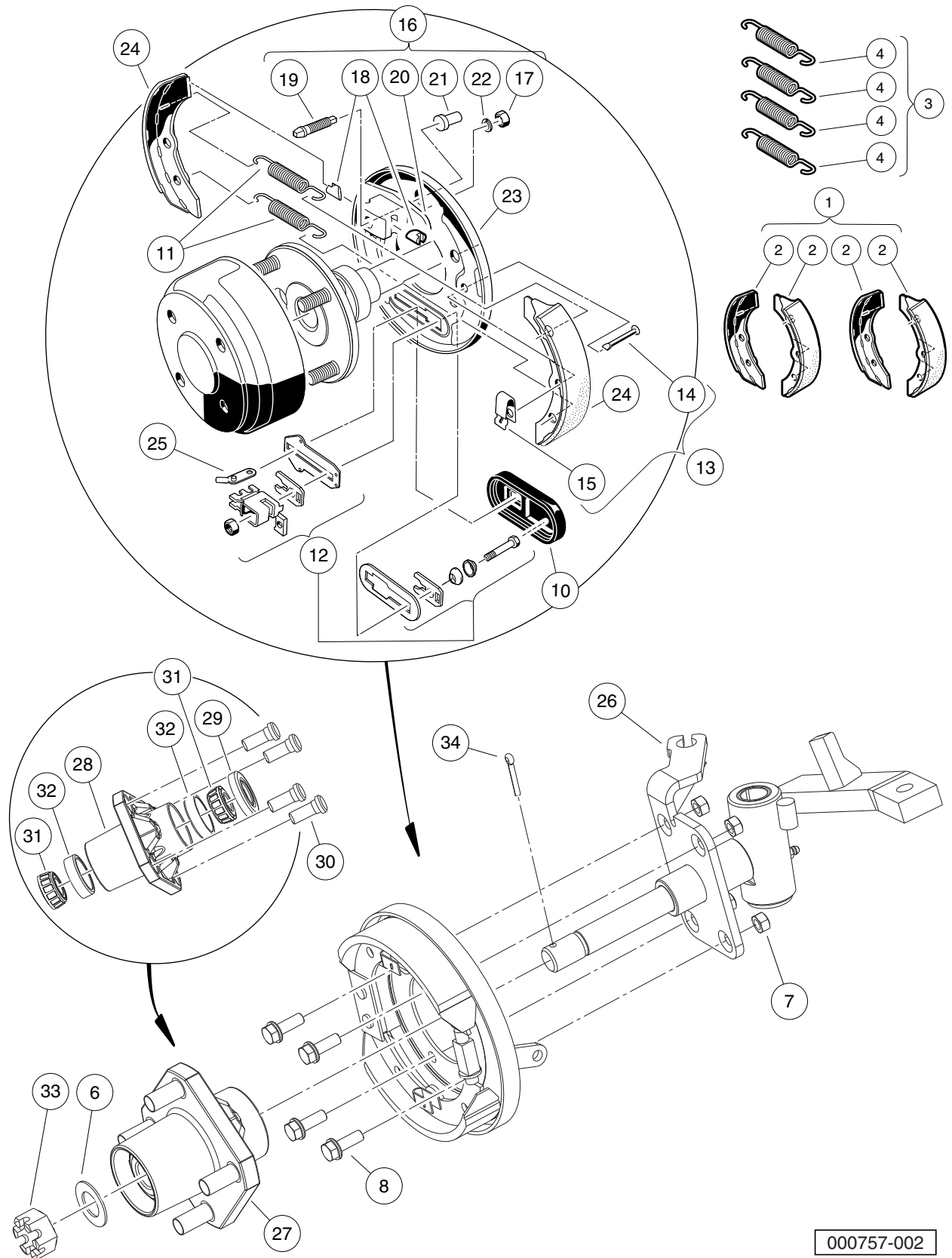
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000759-001

## REAR SUSPENSION – LEAF SPRINGS AND SHOCKS

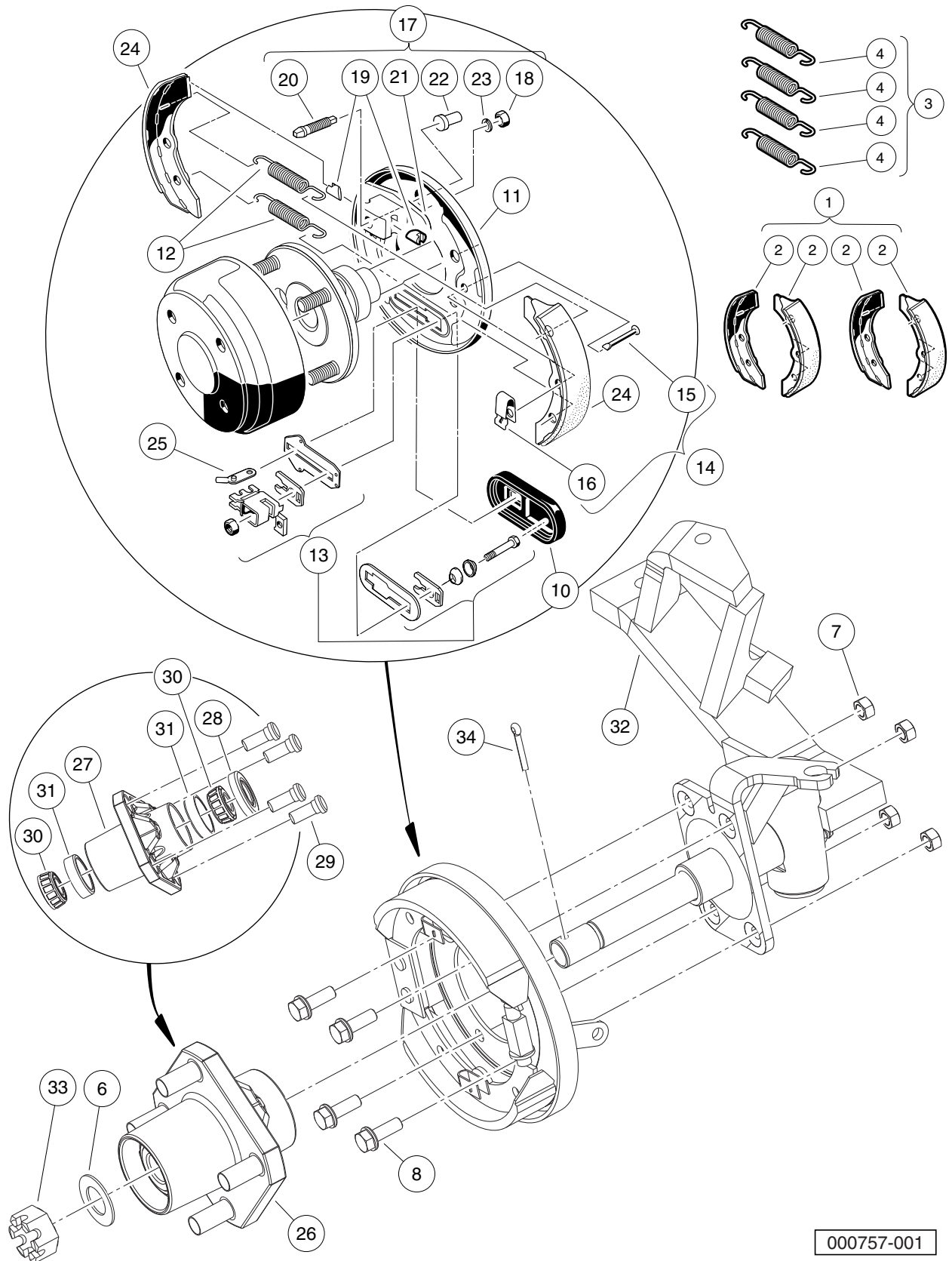
| ITEM | PART NO.  | DESCRIPTION                                                | QTY | 5<br>G<br>E |
|------|-----------|------------------------------------------------------------|-----|-------------|
|      |           | 1 2 3 4                                                    |     |         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

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000757-002

## BRAKE CLUSTERS AND SPINDLES – DRIVER SIDE

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



000757-001

## BRAKE CLUSTERS AND SPINDLES – PASSENGER SIDE

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

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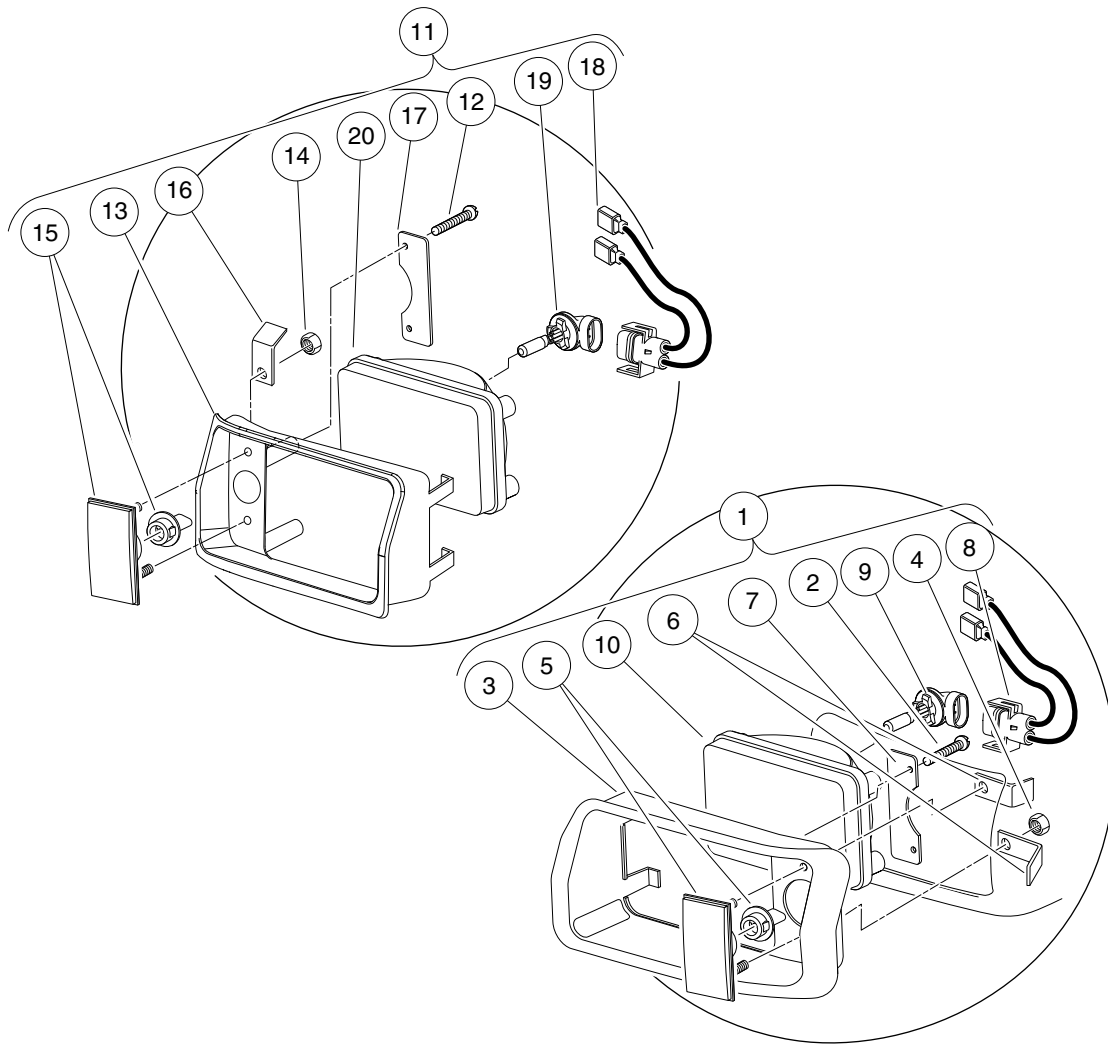
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# **ELECTRICAL SYSTEM – GASOLINE VEHICLE**

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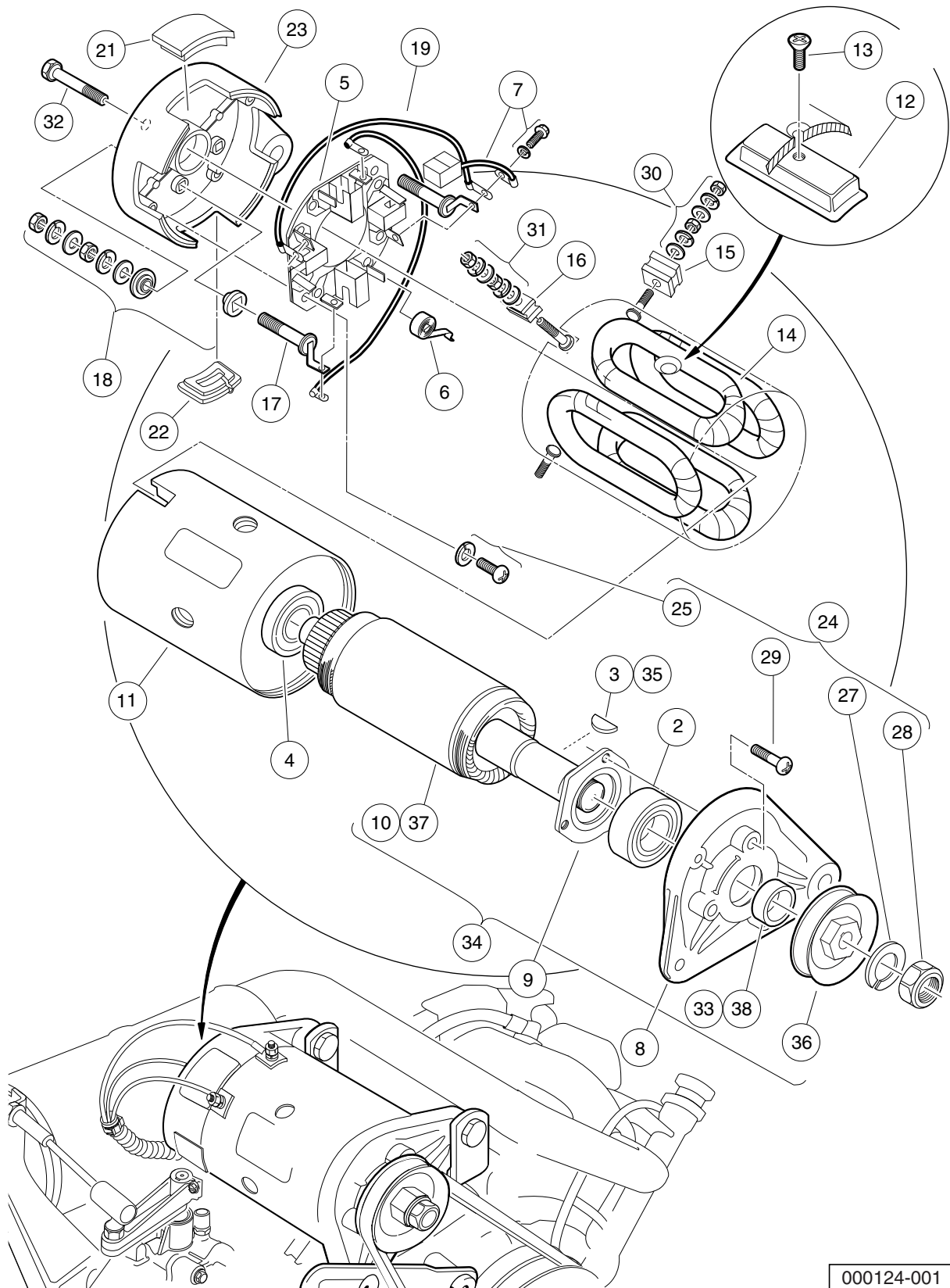
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# HEADLIGHTS

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

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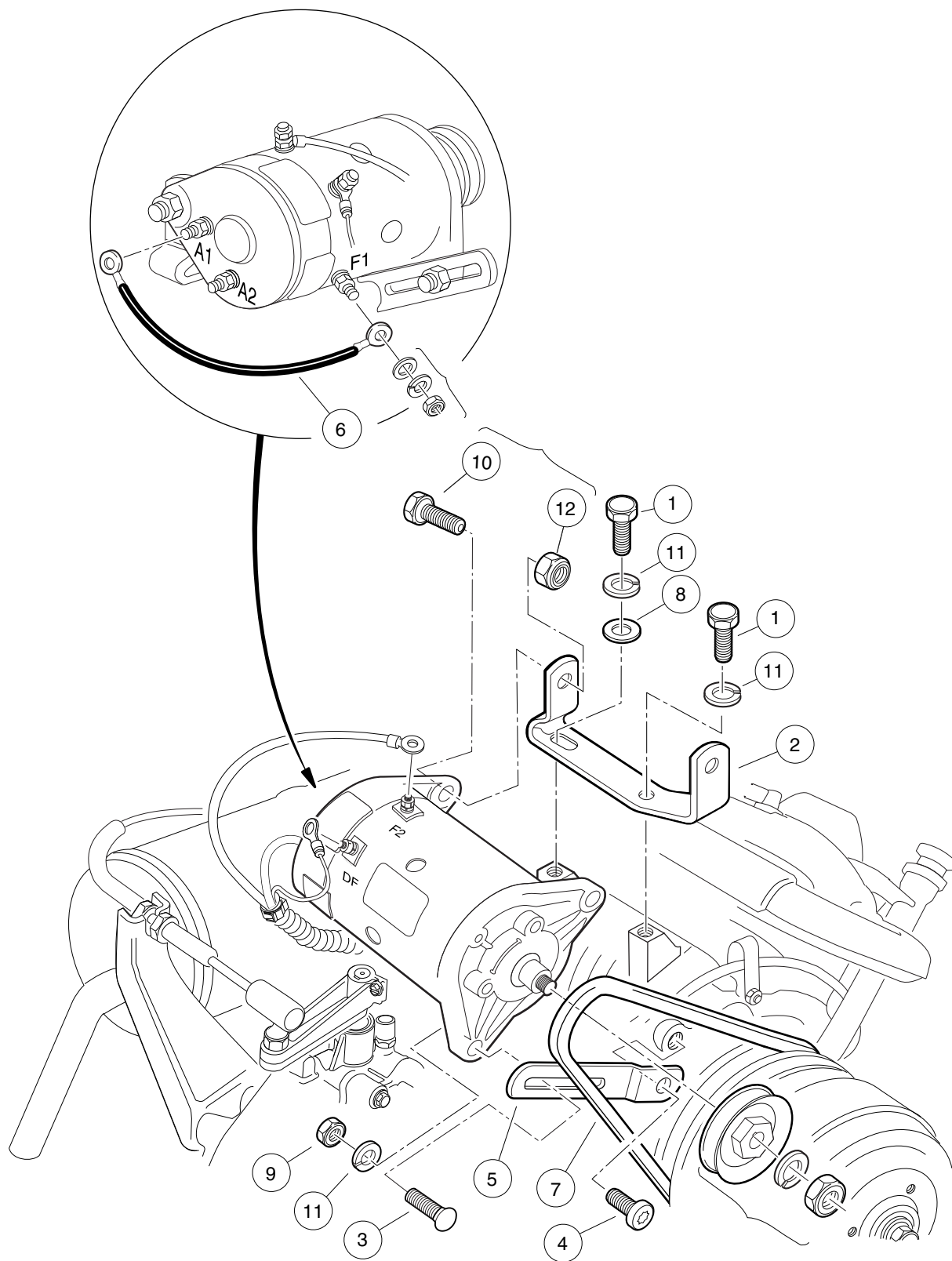
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000124-001

# STARTER/GENERATOR ASSEMBLY MODEL G425419 – GASOLINE VEHICLES

| ITEM | PART NO.  | DESCRIPTION                                                      | QTY | 6<br>G |
|------|-----------|------------------------------------------------------------------|-----|--------|
|      |           | <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   | 1012991   | Brush Inspection Port Cover .....                                | 3   |        |
| 22   | 1017653   | Brush Port Cover w/Drain .....                                   | 1   |        |
| 23   | 101876402 | Rear Bracket (cw) .....                                          | 1   |        |
| 24   | 101876501 | Nut and Screw Set (includes items 25 through 29) .....           | 1   |        |
| 25   | 101896501 | Brush Holder Asm Screw .....                                     | 2   |        |
| 26   | N/A       | Washer, M5 Flat .....                                            | 1   |        |
| 27   | N/A       | Washer, M14 Lock .....                                           | 1   |        |
| 28   | N/A       | Nut, Hex, M14 x 2 .....                                          | 1   |        |
| 29   | N/A       | Screw, M5 x 0.8 x 18mm .....                                     | 3   |        |
| 30   | 101877601 | Nut and Washer Set .....                                         | 2   |        |
| 31   | 101877701 | Nut and Washer Set .....                                         | 1   |        |
| 32   | 101879001 | Through Bolt Set .....                                           | 2   |        |
| 33   | 101939901 | Spacer .....                                                     | 1   |        |
| 34   | 101875102 | Armature Asm Conversion Kit (includes items 35 through 38) ..... | 1   |        |
| 35   | 1013003   | Key, Starter/Generator .....                                     | 1   |        |
| 36   | 1014289   | Pulley, Starter/Generator .....                                  | 1   |        |
| 37   | 101875101 | Armature .....                                                   | 1   |        |
| 38   | 101939901 | Spacer .....                                                     | 1   |        |
|      |           | Note: Item 36 will ONLY fit Model G425419 Starter/Generator.     |     |        |



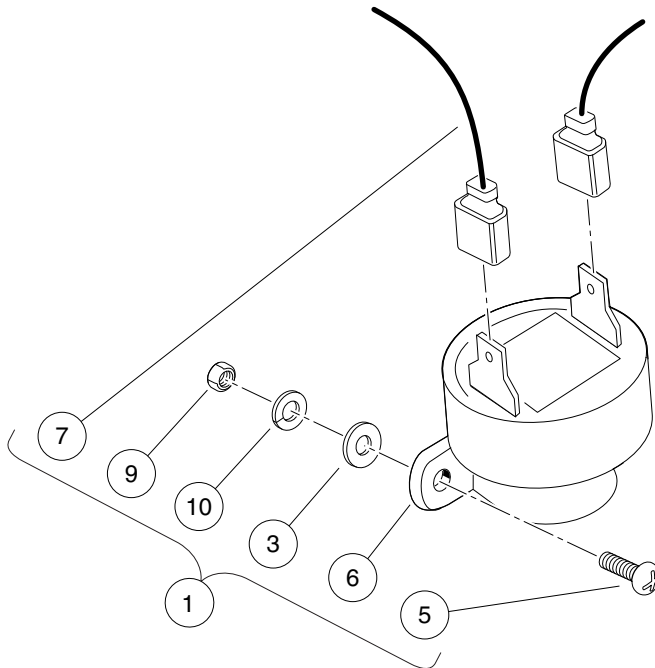
000239-001

# FE350 STARTER/GENERATOR MOUNTING – GASOLINE VEHICLES

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

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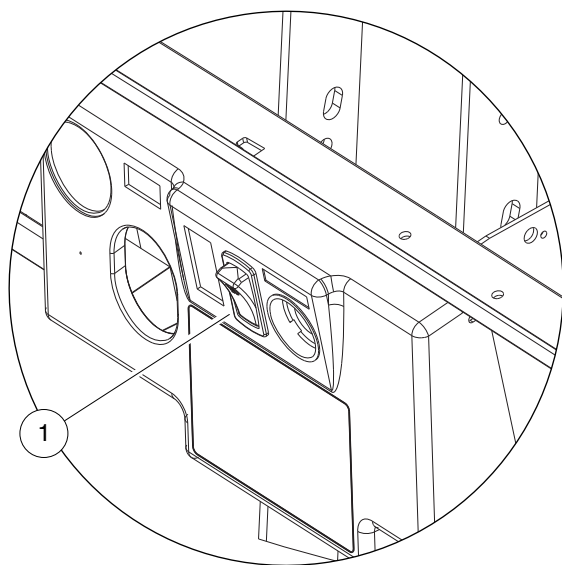
000741-003

# REVERSE BUZZER KIT

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

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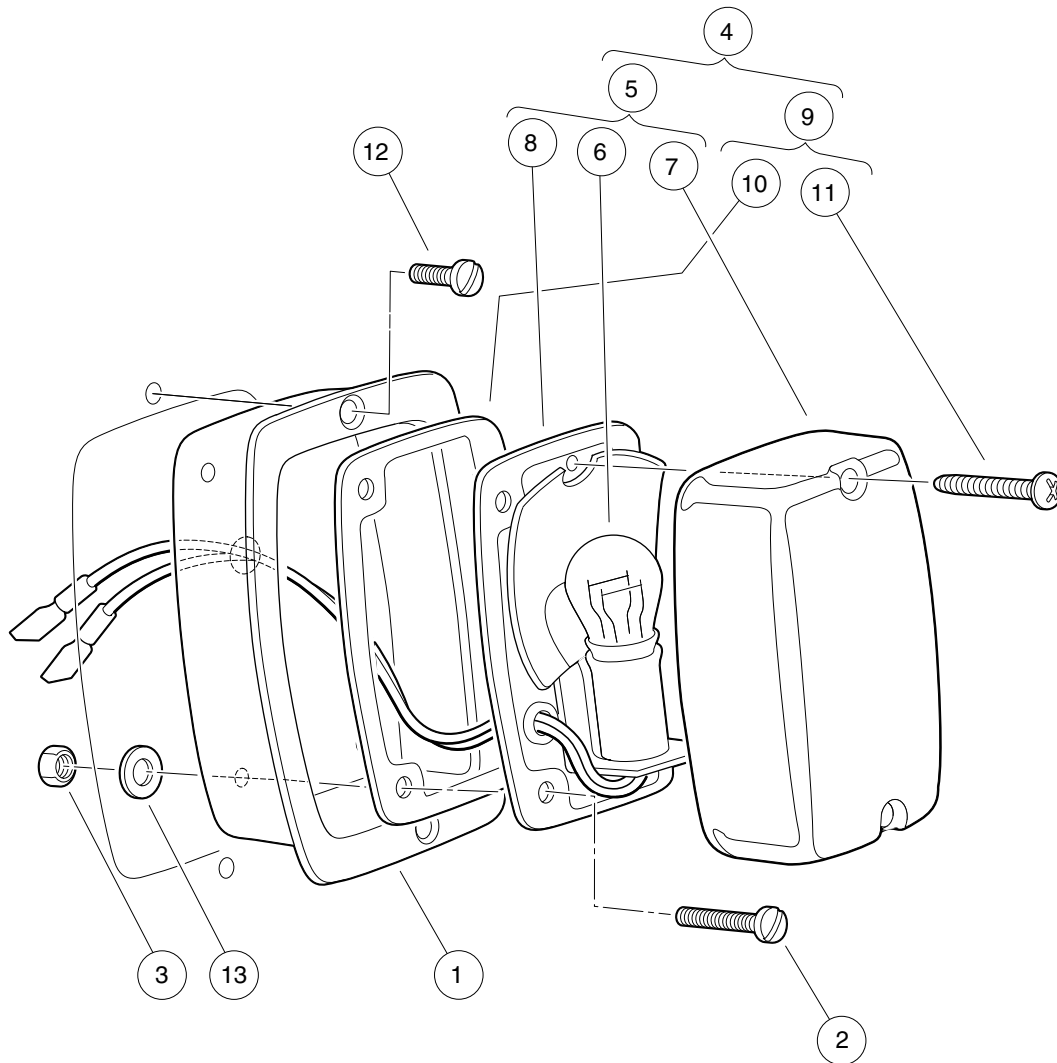
000073-003

HEADLIGHT SWITCH

| ITEM | PART NO.  | DESCRIPTION                            | QTY |
|------|-----------|----------------------------------------|-----|
| 1    | 102869401 | 1 2 3 4<br>Switch, Rocker, Light ..... | 1   |

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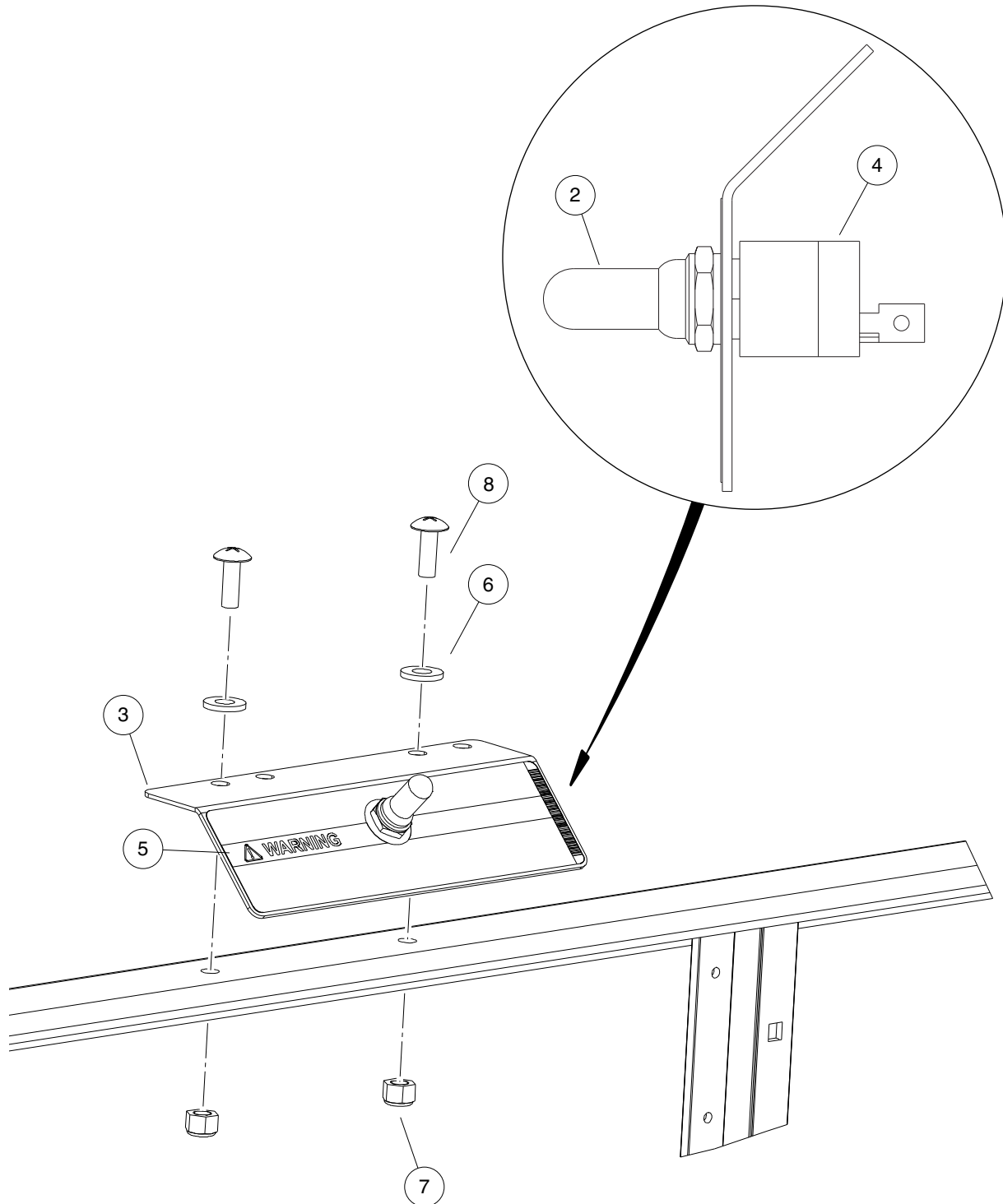
000348-006

# TAIL LIGHTS

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

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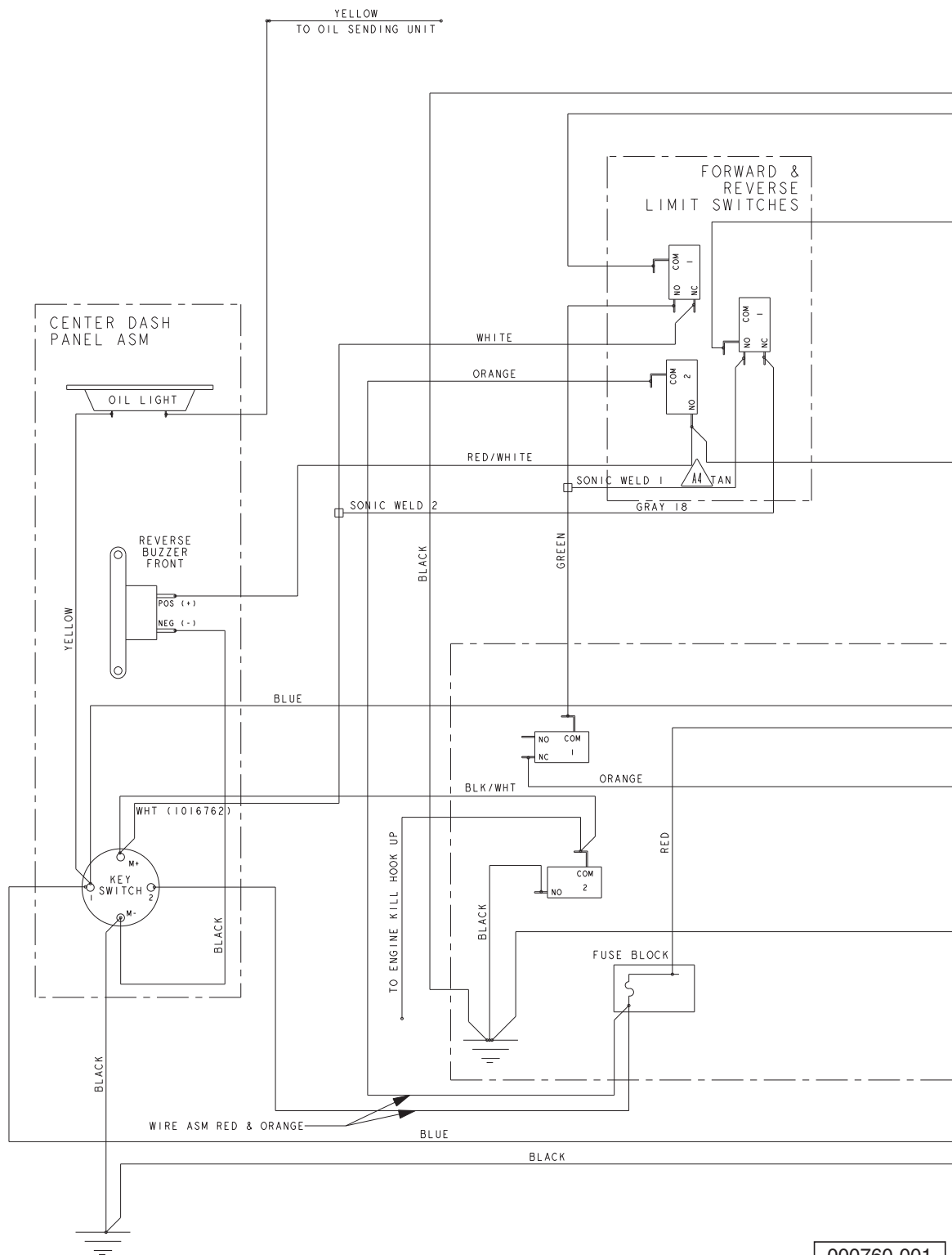
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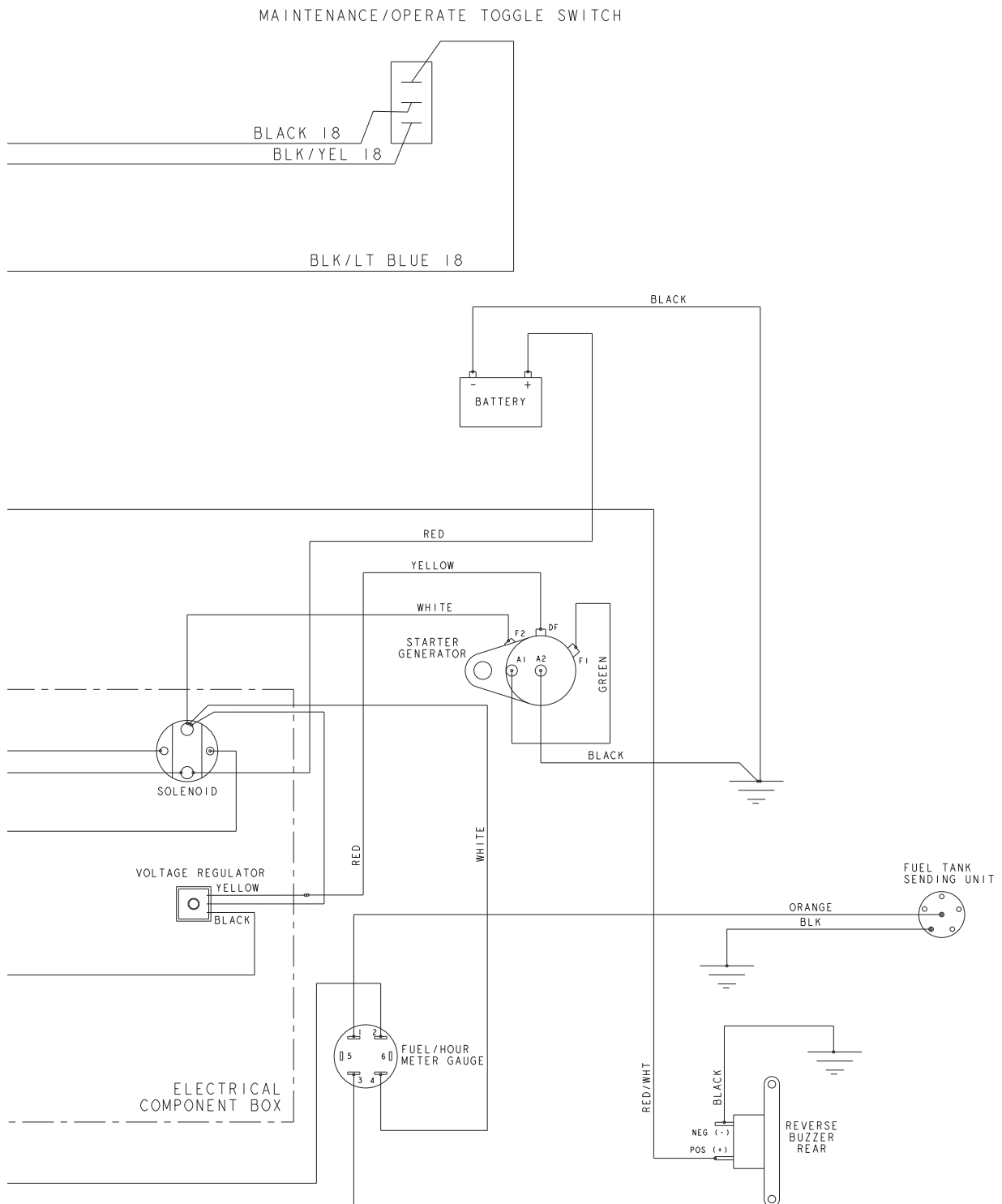
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# OPERATION AND MAINTENANCE SWITCH

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



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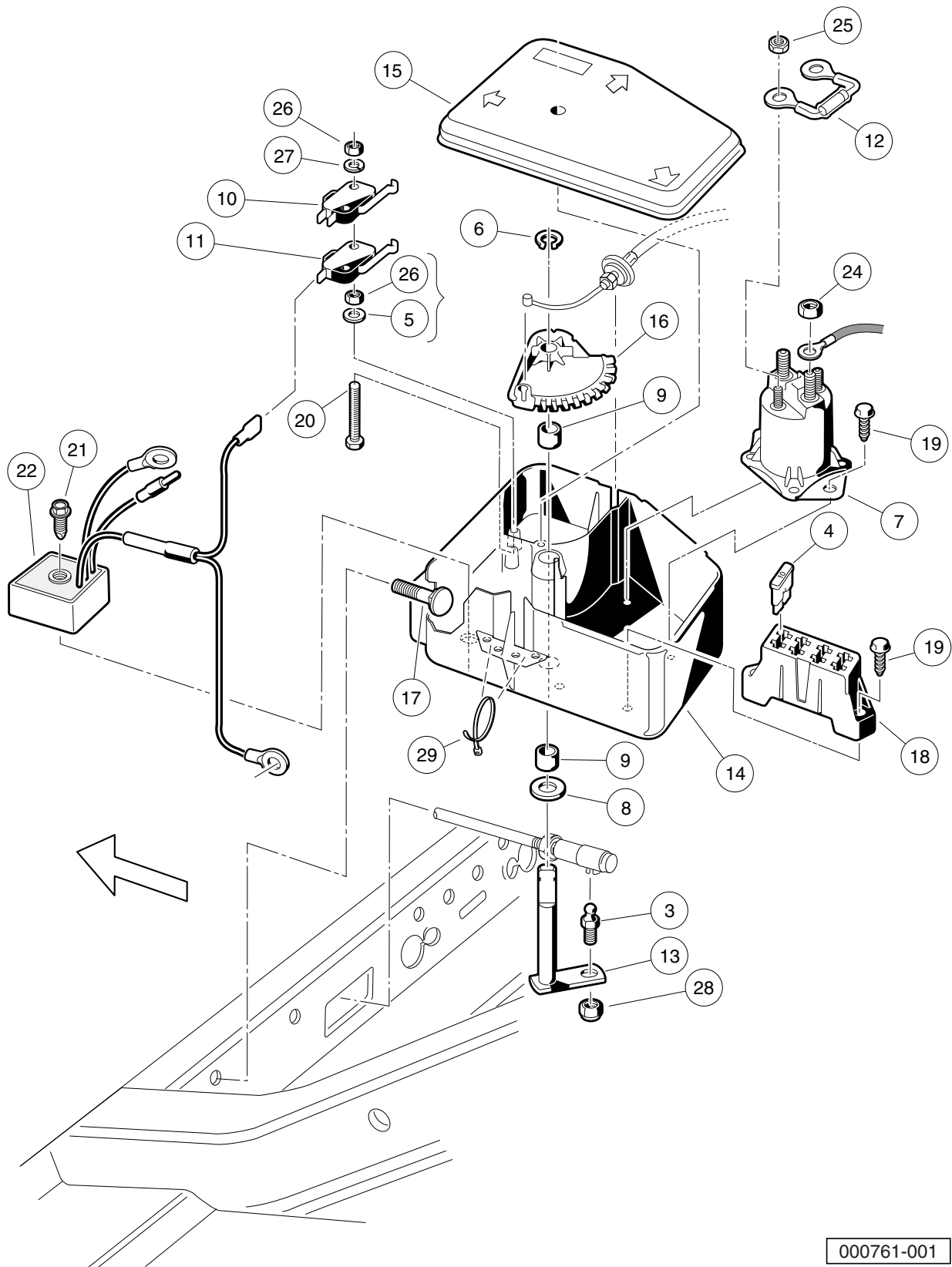
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See previous two pages for illustration.

## WIRE HARNESS – GASOLINE VEHICLE

| ITEM | PART NO. | DESCRIPTION                | QTY | 6 |
|------|----------|----------------------------|-----|---|
|      |          | 1 2 3 4                    |     | G |
| 1    | 1012382  | Wire Assy, #6 Black .....  | 1   |   |
| 2    | 1014119  | Wire Assembly #6 Red ..... | 1   |   |
| 3    | 1015737  | Wire Assy, #10 Red .....   | 1   |   |
| 4    | 1015920  | Ground Wire Assembly ..... | 1   |   |
| 5    | 10322201 | Asm, Wire Harness .....    | 1   |   |



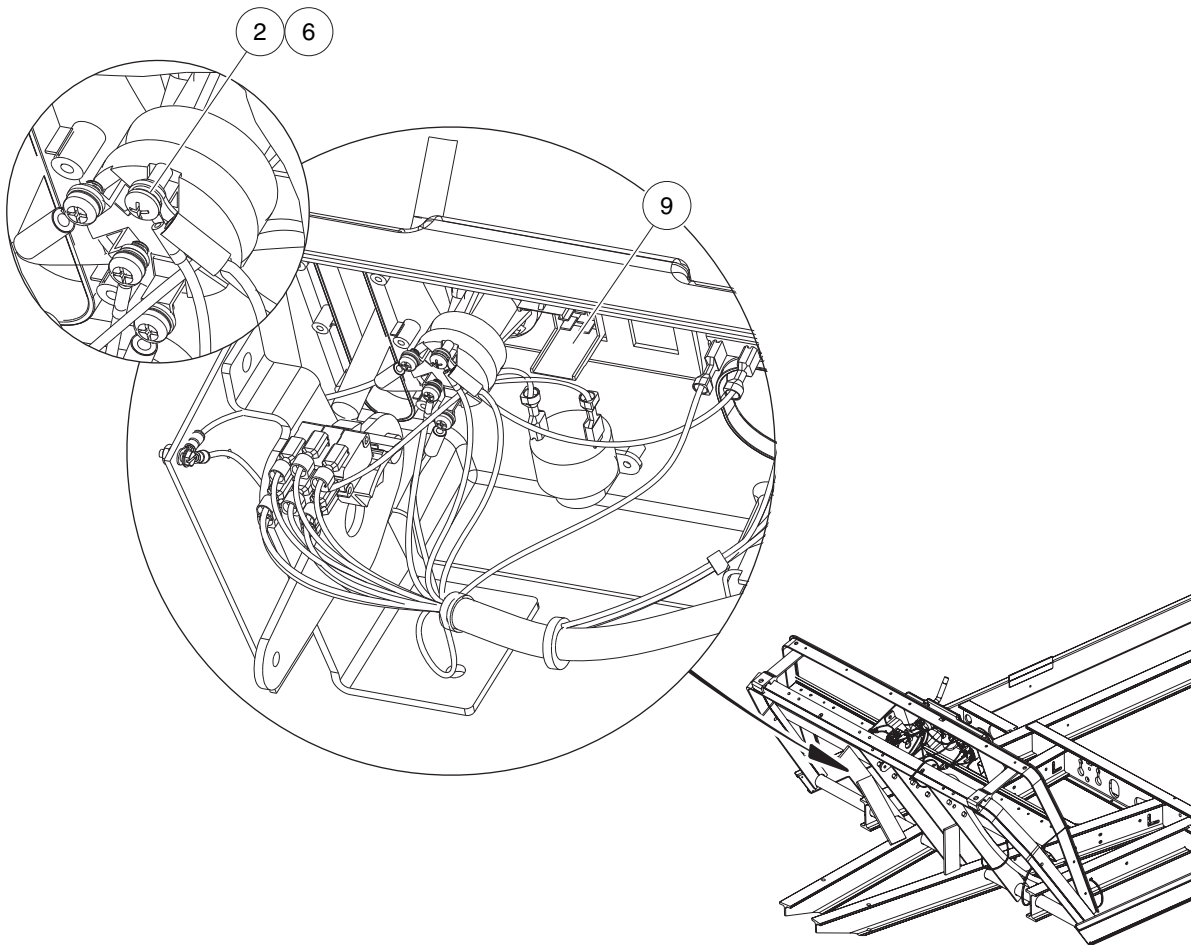
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# ELECTRICAL COMPONENT BOX – GASOLINE VEHICLES

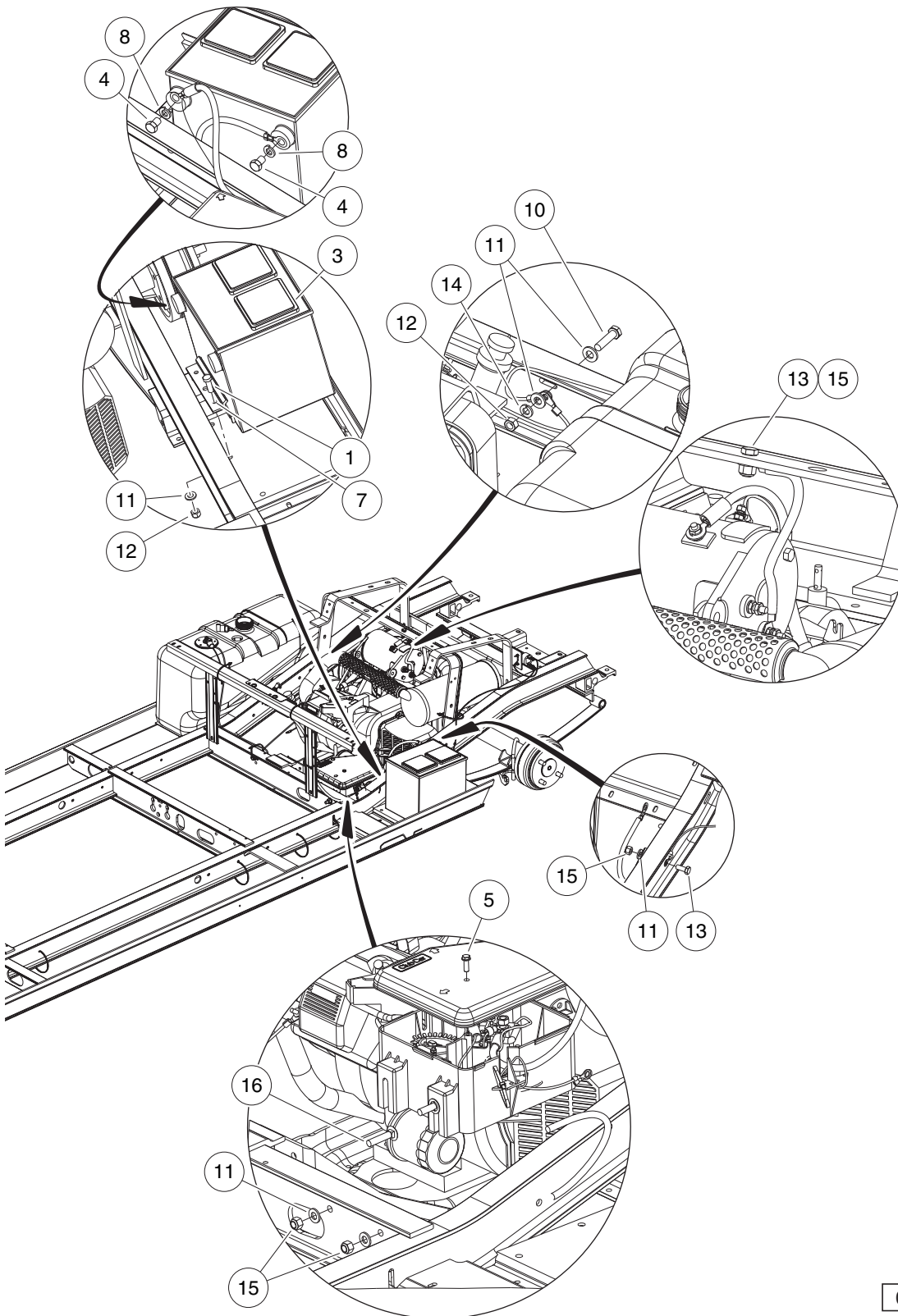
| ITEM                                                  | PART NO.  | DESCRIPTION                                                       | QTY |
|-------------------------------------------------------|-----------|-------------------------------------------------------------------|-----|
|                                                       |           | <b>1 2 3 4</b>                                                    |     |
| 1                                                     | N/A       | Instl, Elec Sys, Gas, Limo, Mb .....                              | 1   |
| 2                                                     | N/A       | Asm, Electrical Component Box (includes items 3 through 29) ..... | 1   |
| 3                                                     | 1010954   | Stud, 1/4-28 X 0.560 Ball .....                                   | 1   |
| 4                                                     | 1012295   | Fuse, 10-Amp .....                                                | 1   |
| 5                                                     | 1012431   | Washer, #4 Flat .....                                             | 2   |
| 6                                                     | 1013589   | Ring, 0.338" Internal Retaining .....                             | 1   |
| 7                                                     | 1013609   | Solenoid, 12-Volt .....                                           | 1   |
| 8                                                     | 1014065   | Washer, 0.38" ID Delrin Flat .....                                | 1   |
| 9                                                     | 1014145   | Bushing, Secondary Weight, Split .....                            | 2   |
| 10                                                    | 1014807   | Switch, Limit .....                                               | 1   |
| 11                                                    | 1014808   | Switch, Limit .....                                               | 1   |
| 12                                                    | 1014948   | Diode .....                                                       | 1   |
| 13                                                    | 1015345   | Bell Crank and Shaft Assembly .....                               | 1   |
| 14                                                    | 1015371   | Box, Electrical Component .....                                   | 1   |
| 15                                                    | 1015372   | Cover, Electric Box .....                                         | 1   |
| 16                                                    | 1015373   | Cam, Electric Box .....                                           | 1   |
| 17                                                    | 1015405   | Bolt, Carriage, 5/16-18 X 2.0 .....                               | 1   |
| 18                                                    | 1015741   | Fuse Block .....                                                  | 1   |
| 19                                                    | 1015752   | Screw, #12-16 X 0.625 Hi-Lo .....                                 | 4   |
| 20                                                    | 1015878   | Screw, #4-40 Hex Head Machine .....                               | 2   |
| 21                                                    | 101856102 | Screw, 1/4-15 X 1.50 Hi-lo Hex .....                              | 1   |
| 22                                                    | 102711201 | Voltage Regulator .....                                           | 1   |
| 23                                                    | N/A       | Washer, Nylon Retaining * .....                                   | 1   |
| 24                                                    | 1242      | Nut, 5/16-18 Hex .....                                            | 2   |
| 25                                                    | 7893      | Nut, #10-32 Hex .....                                             | 2   |
| 26                                                    | 8057      | Nut, #4-40 Hex Machine .....                                      | 4   |
| 27                                                    | 8058      | Lockwasher, #4 Split .....                                        | 2   |
| 28                                                    | 8717      | Locknut, 1/4-28 Nylon Insert .....                                | 1   |
| 29                                                    | 8990      | Tie Wrap, 8" Nylon .....                                          | 2   |
| * Note: Not used. Item is for shipping purposes only. |           |                                                                   |     |

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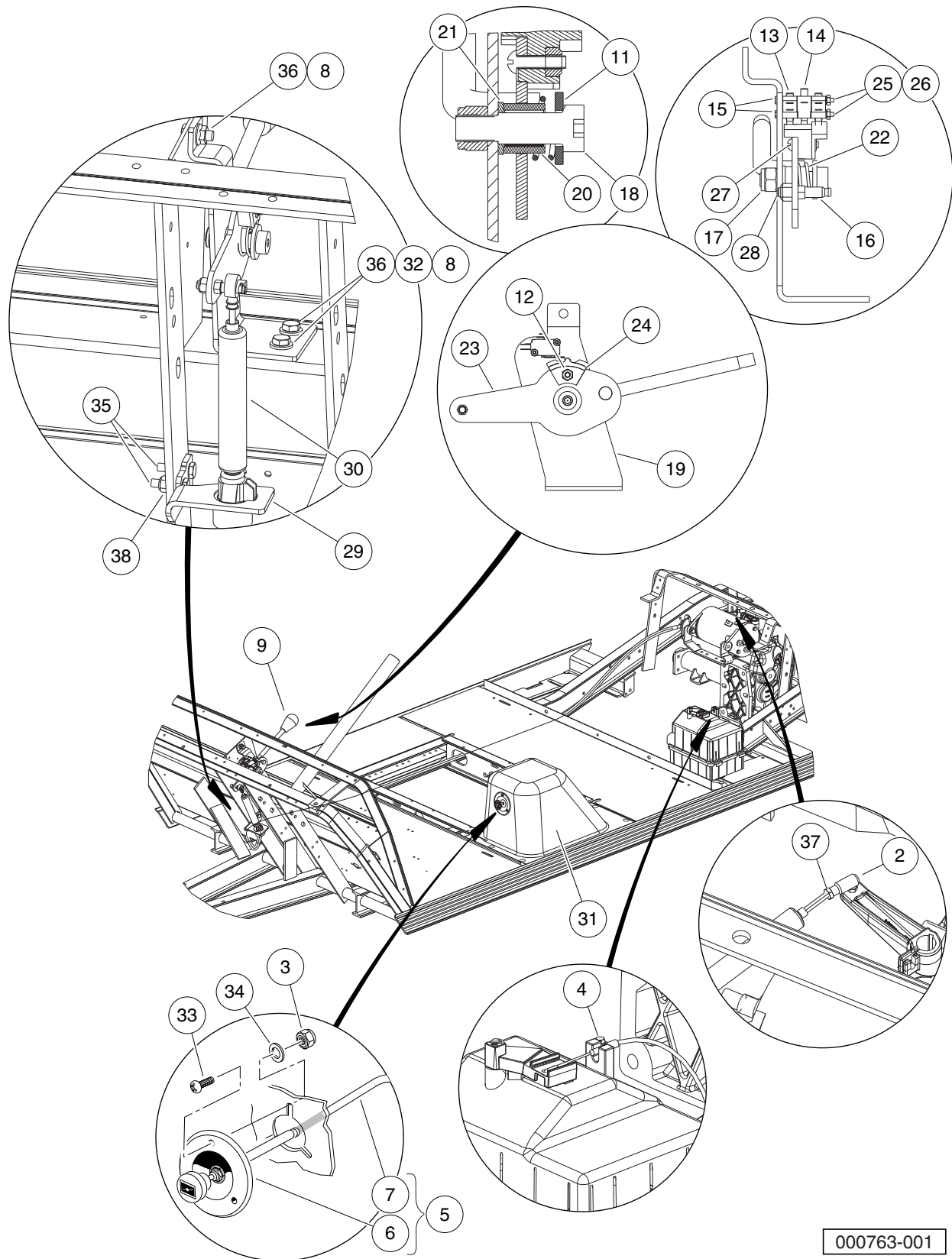
See previous two pages for illustration.

# ELECTRICAL SYSTEM MISCELLANEOUS HARDWARE – GASOLINE VEHICLES

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

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000763-001

# CONTROLS AND CABLES

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

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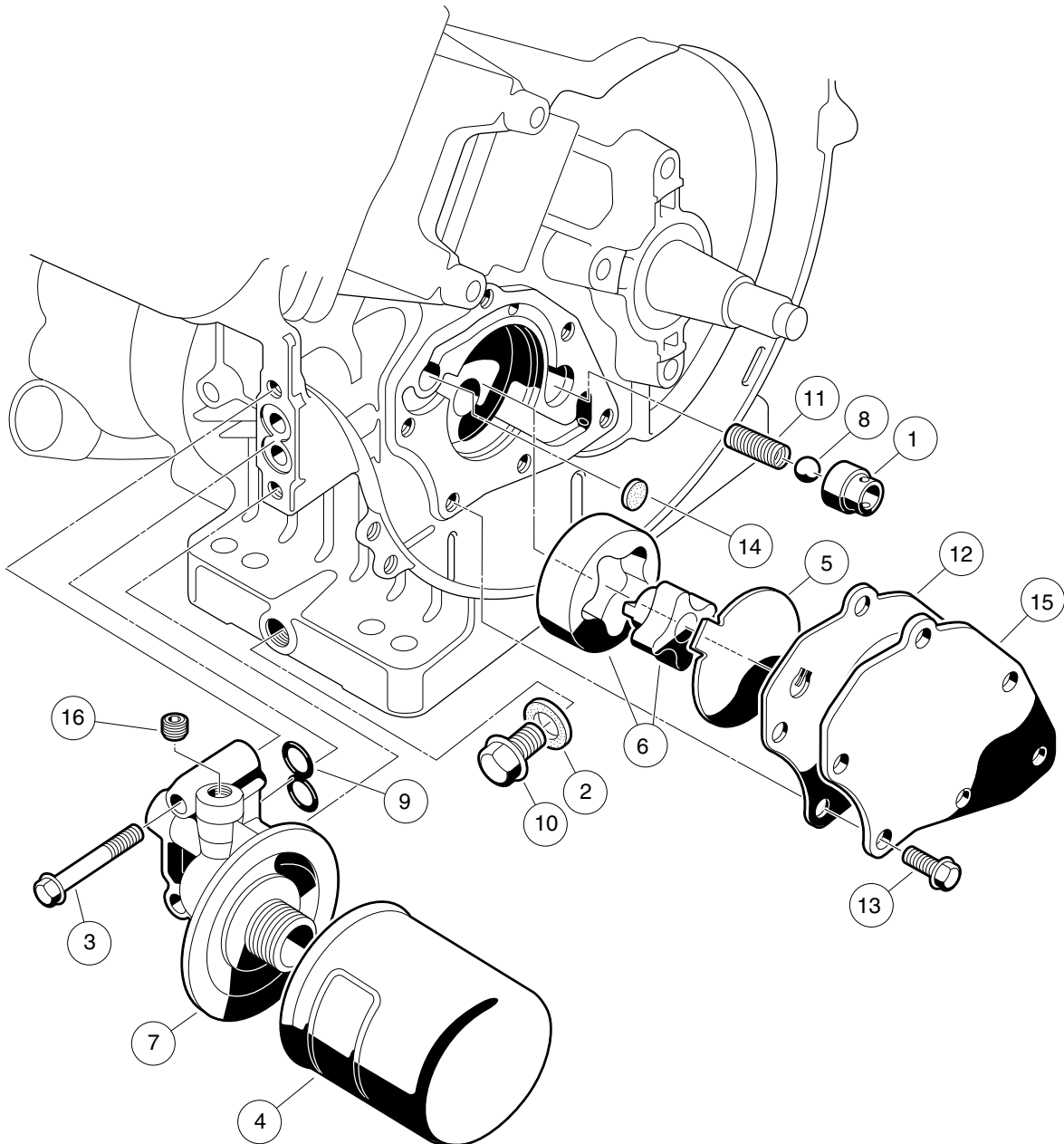
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# FE350 ENGINE – S27

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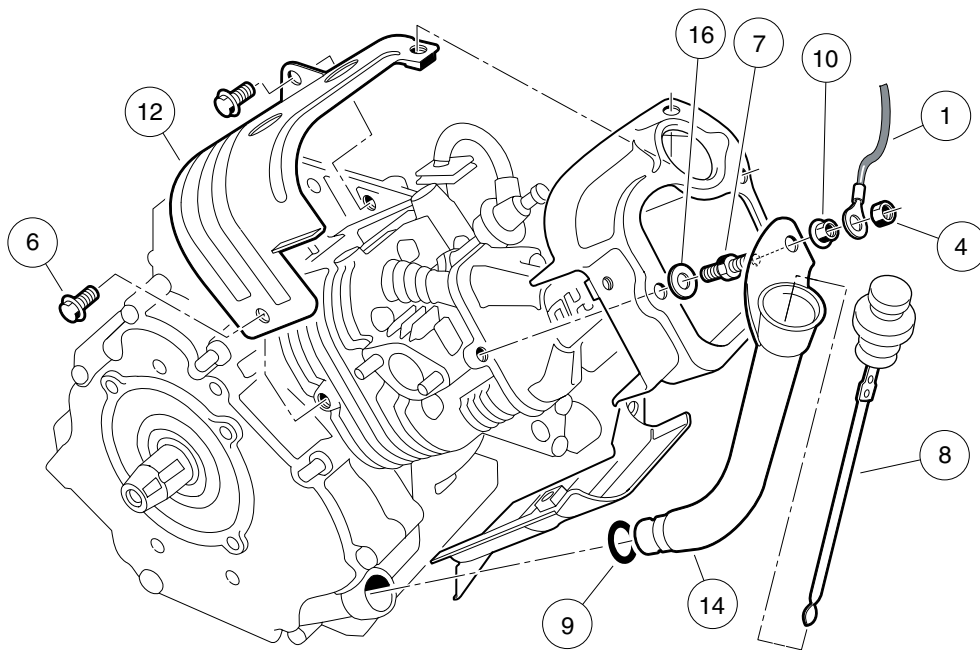
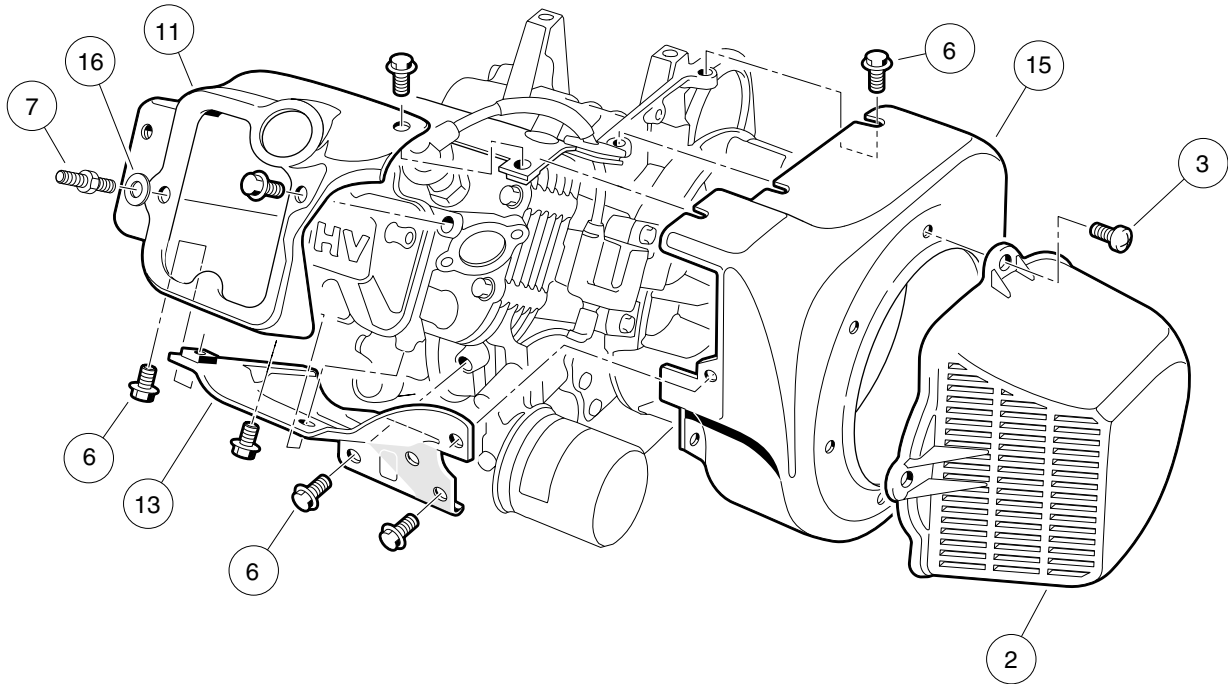
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000203-001

## FE350 ENGINE – OIL CIRCULATION

| ITEM | PART NO.  | DESCRIPTION                        | QTY | 7 | G |
|------|-----------|------------------------------------|-----|---|---|
|      |           | 1 2 3 4                            |     |   |   |
| 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   |   |   |



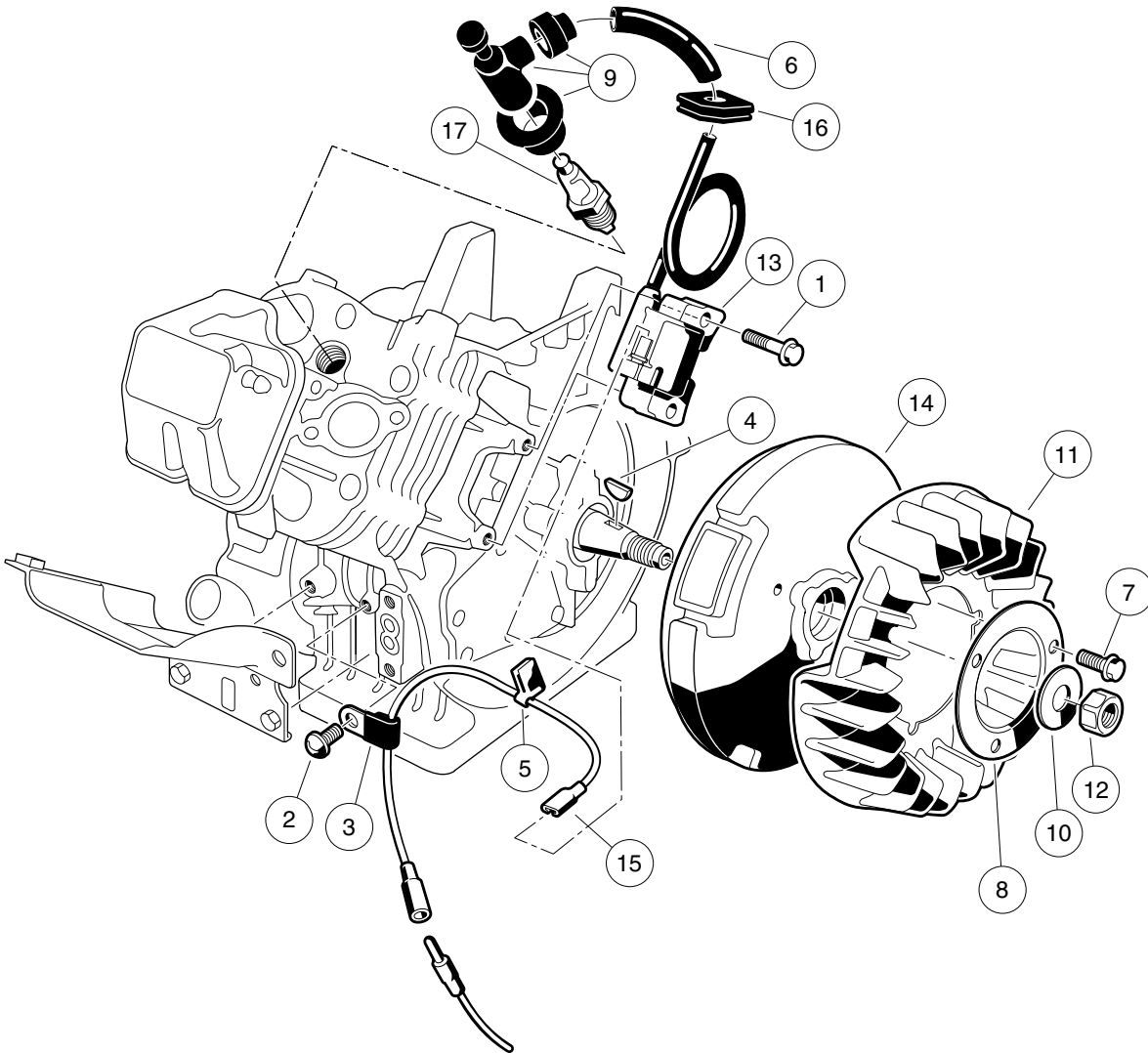
000201-002

# 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    | 103386202 | Engine, FE350 S27 (includes items 6 through 16) ..... | 1   |
| 6    | 1016456   | Bolt, Flange Head, M6 x 1 x 12 mm .....               | 16  |
| 7    | 1016507   | Bolt, Two-Ended .....                                 | 1   |
| 8    | 1016531   | Dipstick .....                                        | 1   |
| 9    | 1016539   | O-Ring .....                                          | 1   |
| 10   | 1016547   | Nut, M6 Flange .....                                  | 1   |
| 11   | 1017474   | Shroud, Engine .....                                  | 1   |
| 12   | 1017475   | Shroud, Engine .....                                  | 1   |
| 13   | 1017476   | Shroud, Engine .....                                  | 1   |
| 14   | 1017486   | Tube, Oil Filler .....                                | 1   |
| 15   | 101916101 | Housing, FE350 Fan .....                              | 1   |
| 16   | N/A       | Washer, 6mm Flat .....                                | 1   |

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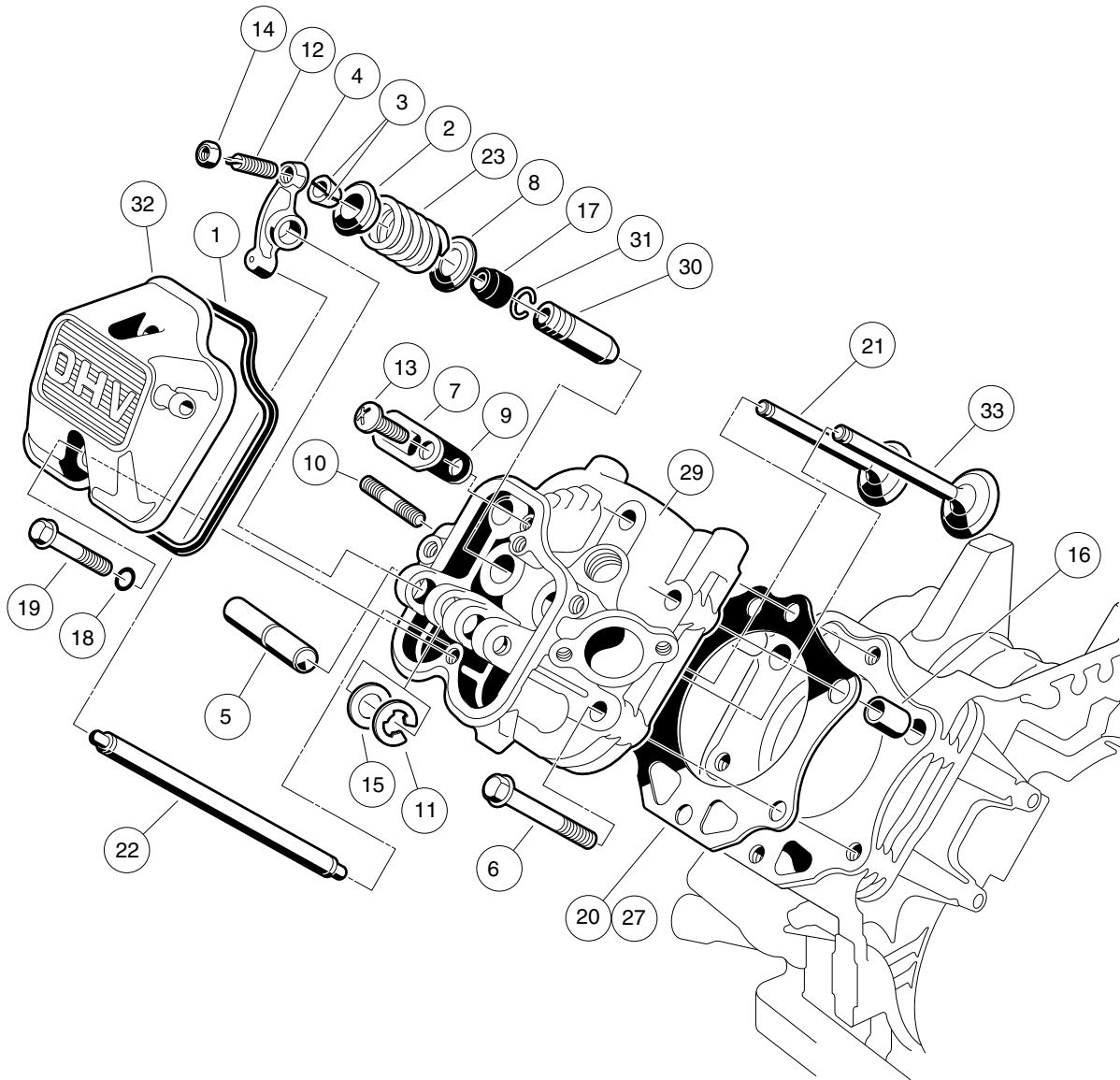
000202-002

# AS26 FE350 ENGINE – IGNITION COMPONENTS AND FLYWHEEL

| ITEM | PART NO.  | DESCRIPTION                   | QTY |
|------|-----------|-------------------------------|-----|
|      |           | <b>1 2 3 4</b>                |     |
| 1    | 1016455   | Bolt, Flange Head .....       | 2   |
| 2    | 1016544   | Screw .....                   | 1   |
| 3    | 1016561   | Clamp .....                   | 1   |
| 4    | 1016562   | Key .....                     | 1   |
| 5    | 1016587   | Clamp .....                   | 1   |
| 6    | 1016588   | Tube, 7mm X 10mm X 70mm ..... | 1   |
| 7    | 1017448   | Bolt, Flanged .....           | 3   |
| 8    | 1017455   | Plate, Flywheel Fan .....     | 1   |
| 9    | 1017463   | Cap Asm Plug .....            | 1   |
| 10   | 1017490   | Washer, Flat .....            | 1   |
| 11   | 101916301 | Fan (cw) .....                | 1   |
| 12   | N/A       | Nut, Hex, 18 mm Fine .....    | 1   |
| 13   | 103616501 | Ignition, Coil Asm .....      | 1   |
| 14   | 103616601 | Flywheel Comp .....           | 1   |
| 15   | 103616701 | Ignition, Wire Lead .....     | 1   |
| 16   | 103616801 | Ignition, Grommet .....       | 1   |
| 17   | AM1232301 | Spark Plug, BPR2ES .....      | 1   |

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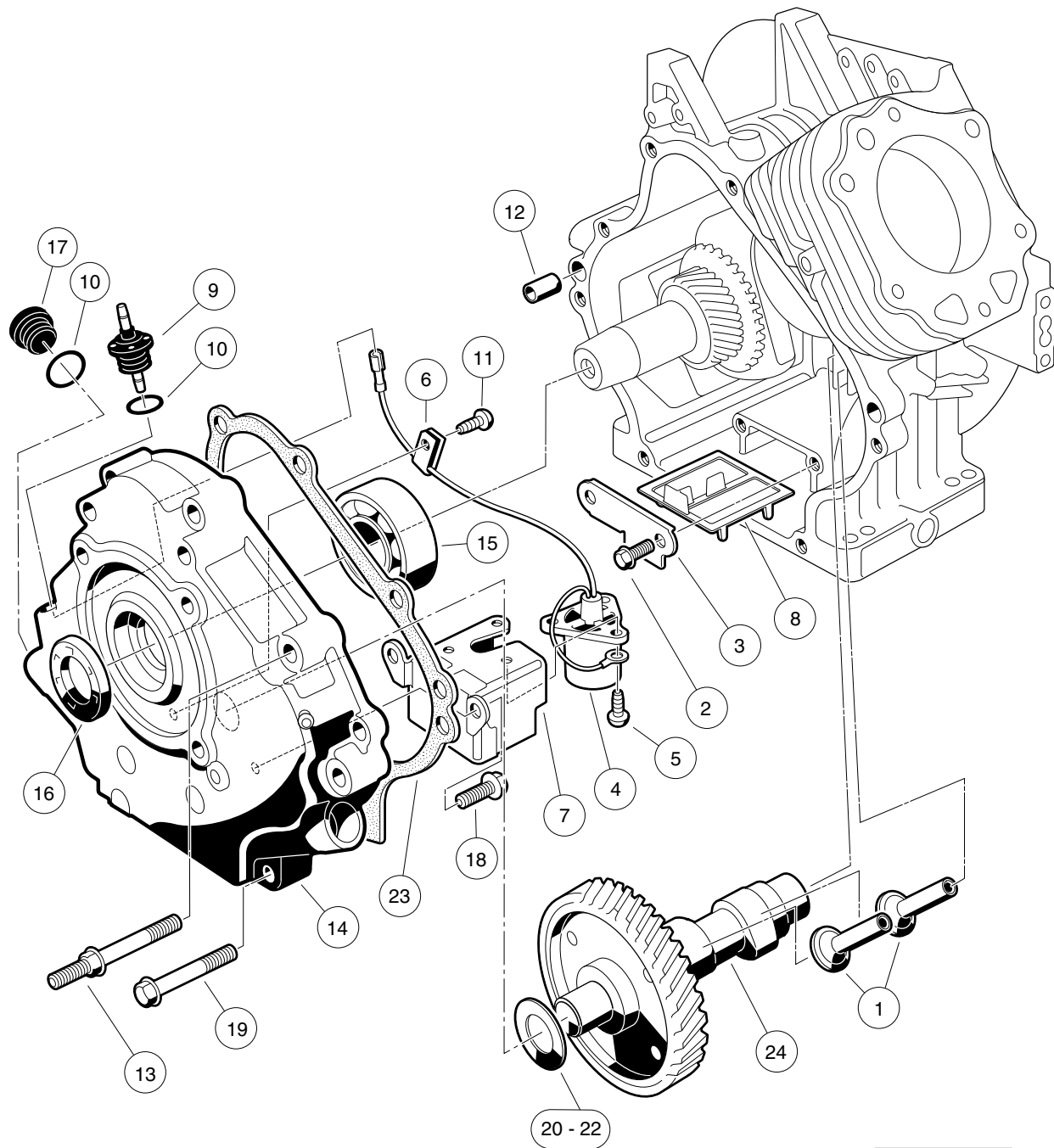
000204-002

# AS26 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                                                     | 1016451   | Arm, Rocker .....                                       | 2   |
| 5                                                     | 1016452   | Shaft, Rocker .....                                     | 1   |
| 6                                                     | 1016458   | Bolt, Flange Head, M8 x 1.25 x 45 mm .....              | 6   |
| 7                                                     | 1016474   | Plate .....                                             | 1   |
| 8                                                     | 1016479   | Seat, Spring .....                                      | 2   |
| 9                                                     | 1016483   | Valve .....                                             | 1   |
| 10                                                    | 1016489   | Stud, Two-Ended, M8-1.25 .....                          | 2   |
| 11                                                    | 1016517   | Circlip, Type-E .....                                   | 1   |
| 12                                                    | 1016542   | Screw .....                                             | 2   |
| 13                                                    | 1016544   | Screw .....                                             | 1   |
| 14                                                    | 1016545   | Nut .....                                               | 2   |
| 15                                                    | 1016549   | Washer, 12.1x19x1.8 .....                               | 1   |
| 16                                                    | 1016563   | Pin .....                                               | 2   |
| 17                                                    | 1016566   | Seal, Oil .....                                         | 2   |
| 18                                                    | 1016569   | O-Ring .....                                            | 2   |
| 19                                                    | 1016583   | Bolt, 6x35 .....                                        | 2   |
| 20                                                    | 1017434   | Gasket, Head .....                                      | 1   |
| 21                                                    | 1017445   | Valve, Exhaust .....                                    | 1   |
| 22                                                    | 1017454   | Rod, Push .....                                         | 2   |
| 23                                                    | 1017473   | Spring, Engine Valve .....                              | 2   |
| 24                                                    | 102304801 | Kit, Gasket, FE350 (includes items 25 through 28) ..... | 1   |
| 25                                                    | 1016440   | Gasket, Engine to Insulator .....                       | 1   |
| 26                                                    | 1016904   | Gasket, Exhaust .....                                   | 1   |
| 27                                                    | 1017434   | Gasket, Head .....                                      | 1   |
| 28                                                    | 1017443   | Gasket, Crankcase Cover .....                           | 1   |
| 29                                                    | 103615601 | Cylinder Head, Fe350 S26, S27 .....                     | 1   |
| 30                                                    | 103615701 | Case, Rocker, Fe350 S26 S27 .....                       | 1   |
| 31                                                    | 103616301 | Valve, Intake, Hard Tip .....                           | 1   |
| Note: Item 24 is not a component of the FE350 engine. |           |                                                         |     |

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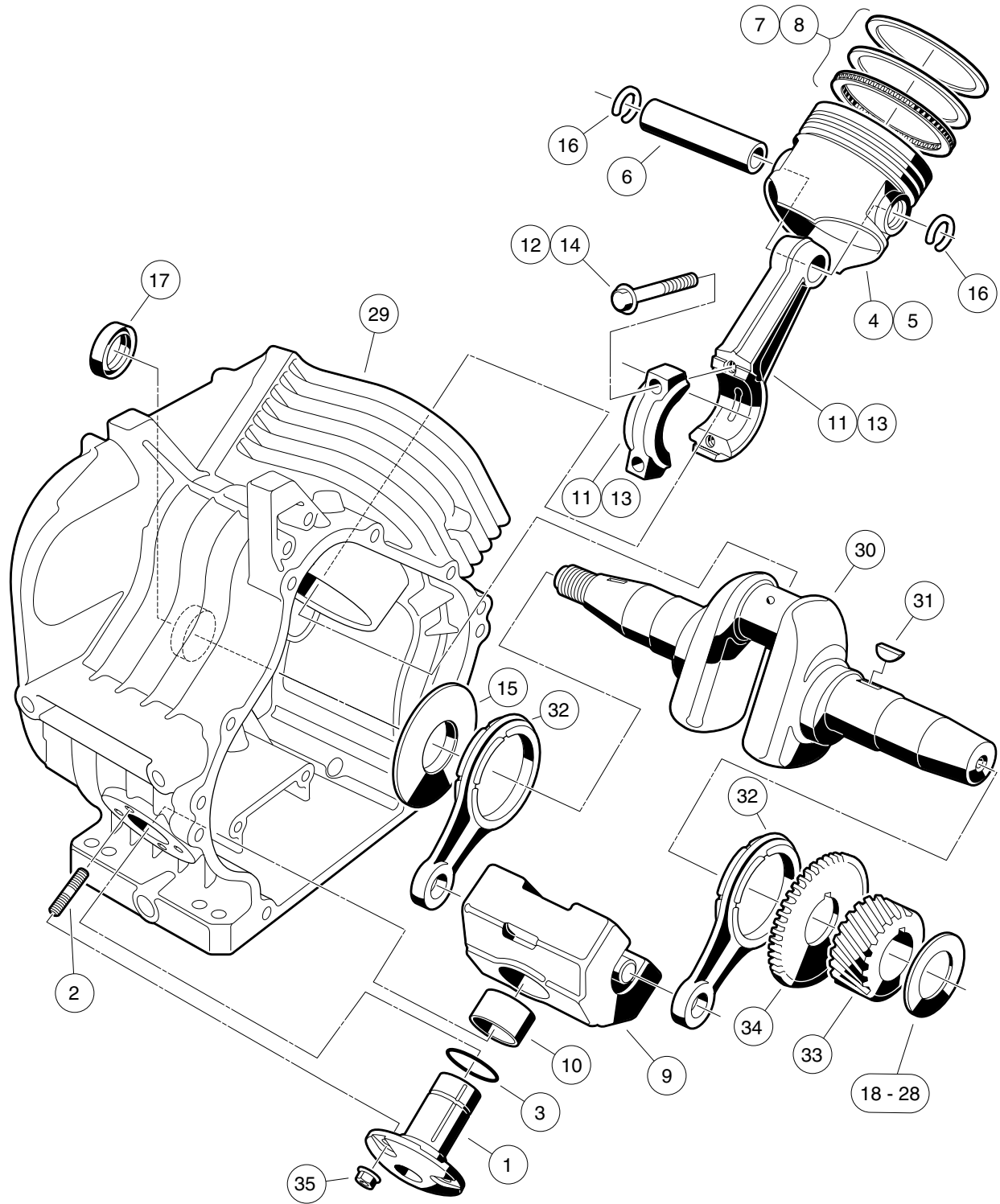
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# AS26 FE350 ENGINE – CRANKCASE AND CRANKSHAFT OIL SENSOR

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

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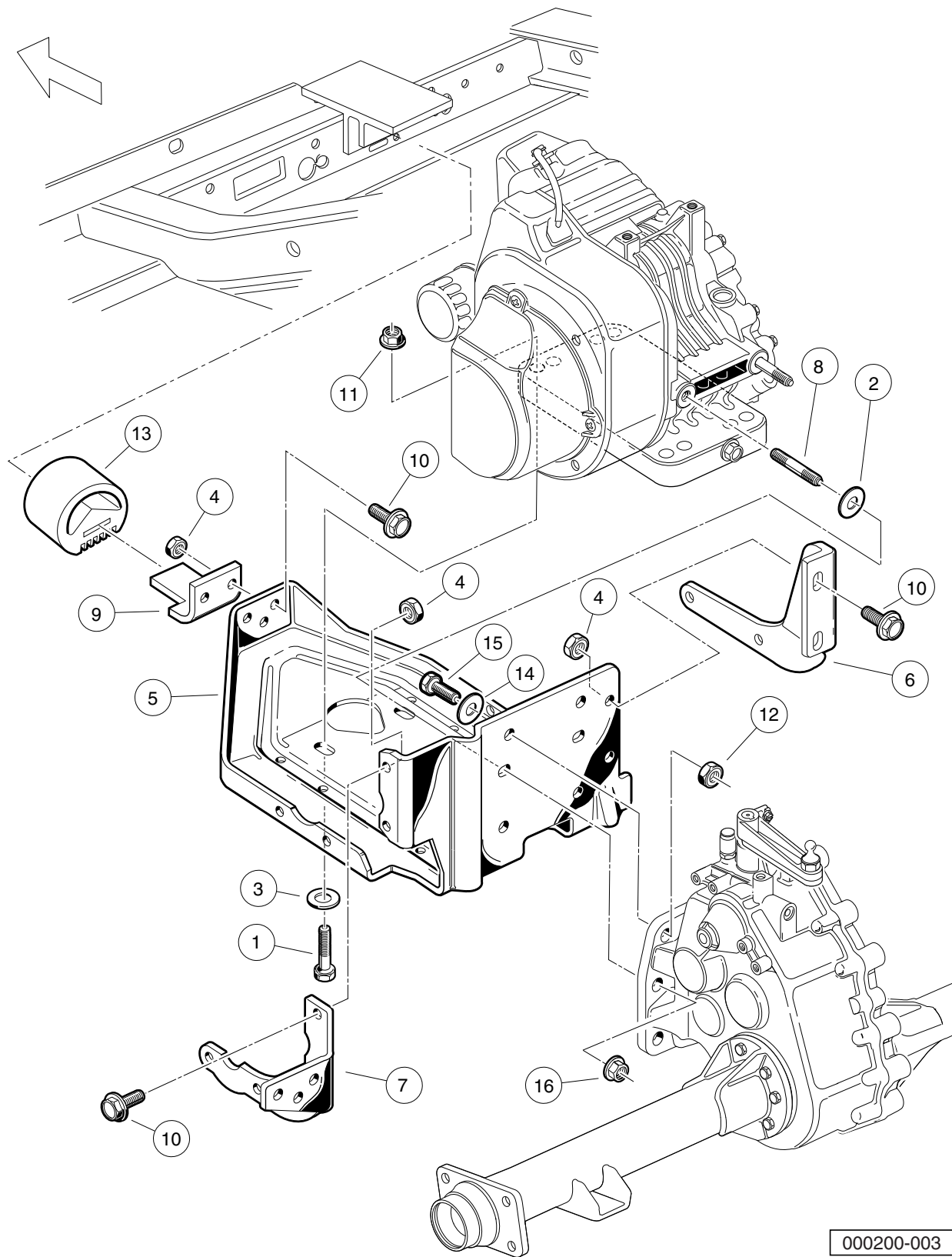


000206-001

## AS26 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    | 1016571   | O-Ring .....                                               | 1   |
| 4    | 101744901 | Piston, Standard .....                                     | 1   |
| 5    | 101744902 | Piston, 0.50 mm Oversize .....                             | 1   |
| 6    | 1017450   | Pin, Piston .....                                          | 1   |
| 7    | 101745101 | Ring Set, Standard Piston .....                            | 1   |
| 8    | 101745102 | Ring Set, Piston, 0.50 mm Oversize .....                   | 1   |
| 9    | 1017453   | Fe400 Counterbalance Weight (includes item 10) .....       | 1   |
| 10   | 1017510   | Bearing, Plain .....                                       | 1   |
| 11   | 101745701 | Asm, Con. Rod Std (includes item 12) .....                 | 1   |
| 12   | 1017512   | Bolt .....                                                 | 2   |
| 13   | 101745702 | Rod Assembly Connecting Rod 0.5mm (includes item 14) ..... | 1   |
| 14   | 1017512   | Bolt .....                                                 | 2   |
| 15   | 1017501   | Spacer .....                                               | 1   |
| 16   | 1017502   | Snap Ring .....                                            | 2   |
| 17   | 1017503   | Seal, Oil .....                                            | 1   |
| 18   | 101773301 | Shim, Crankshaft, 1.18mm .....                             | 1   |
| 19   | 101773302 | Shim, Crankshaft, 1.25mm .....                             | 1   |
| 20   | 101773303 | Shim, Crankshaft, 1.32mm .....                             | 1   |
| 21   | 101773304 | Shim, Crankshaft, 1.39mm .....                             | 1   |
| 22   | 101773305 | Shim, Crankshaft, 1.46mm .....                             | 1   |
| 23   | 101773306 | Shim, Crankshaft, 1.53mm .....                             | 1   |
| 24   | 101773307 | Shim, Crankshaft, 1.60mm .....                             | 1   |
| 25   | 101773308 | Shim, Crankshaft, 1.67mm .....                             | 1   |
| 26   | 101773309 | Shim, Crankshaft, 1.74mm .....                             | 1   |
| 27   | 101773310 | Shim, Crankshaft, 1.11mm .....                             | 1   |
| 28   | 101773311 | Shim, Crankshaft, 1.81mm .....                             | 1   |
| 29   | 103615801 | Crankcase, Fe350 S26 S27 .....                             | 1   |
| 30   | N/A       | Crankshaft, Complete (includes items 31 through 34) .....  | 1   |
| 31   | 1016562   | Key .....                                                  | 1   |
| 32   | 1017471   | Rod .....                                                  | 2   |
| 33   | N/A       | Gear, Helical .....                                        | 1   |
| 34   | N/A       | Gear, Spur .....                                           | 1   |
| 35   | 103616201 | Nut, M6 Flange .....                                       | 4   |

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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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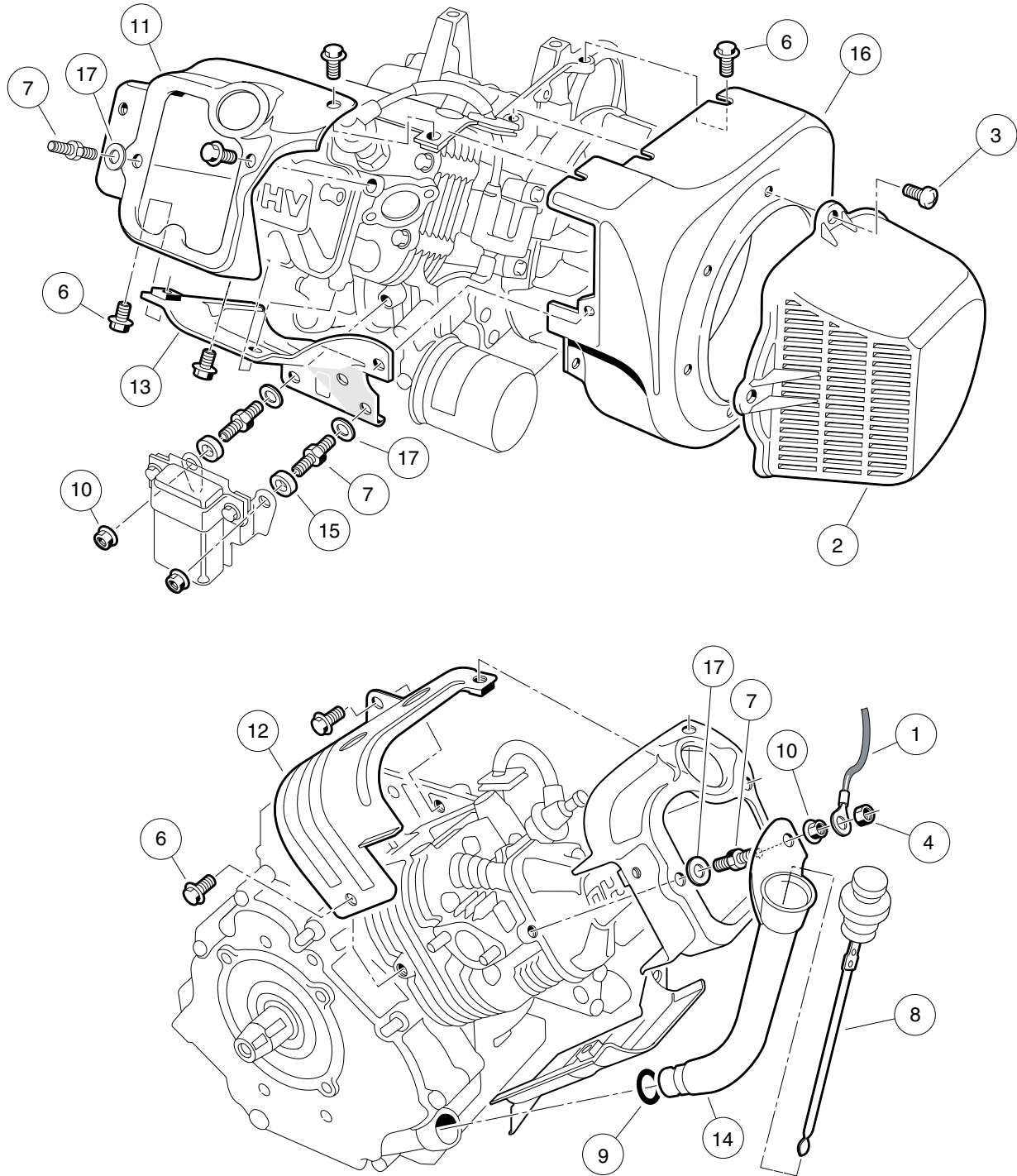
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# FE350 ENGINE WITHOUT ACR

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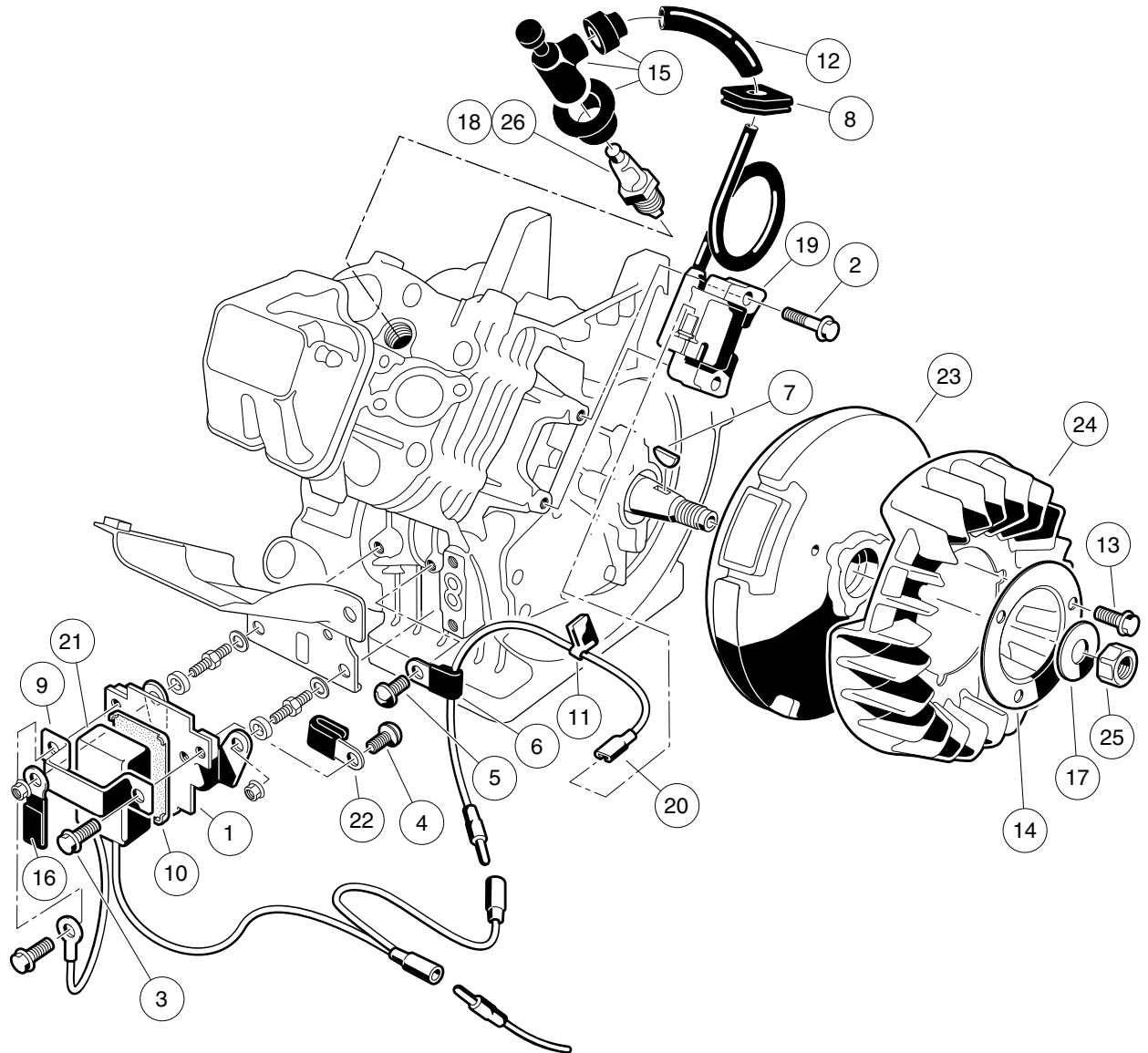


000201-001

## 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> |           |                                                                      |     |

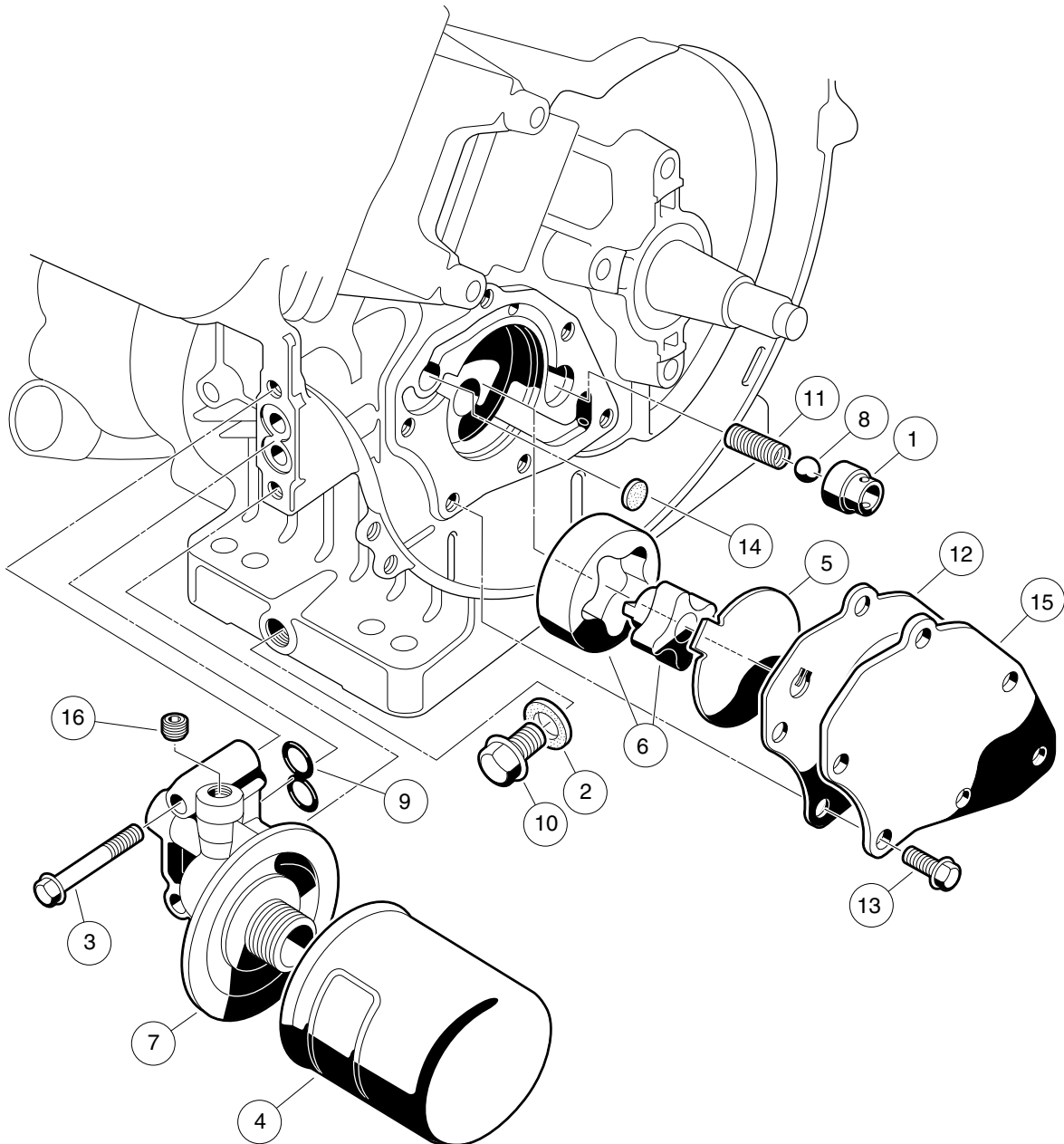
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000202-001

# AS11 FE350 ENGINE – IGNITION COMPONENTS AND FLYWHEEL

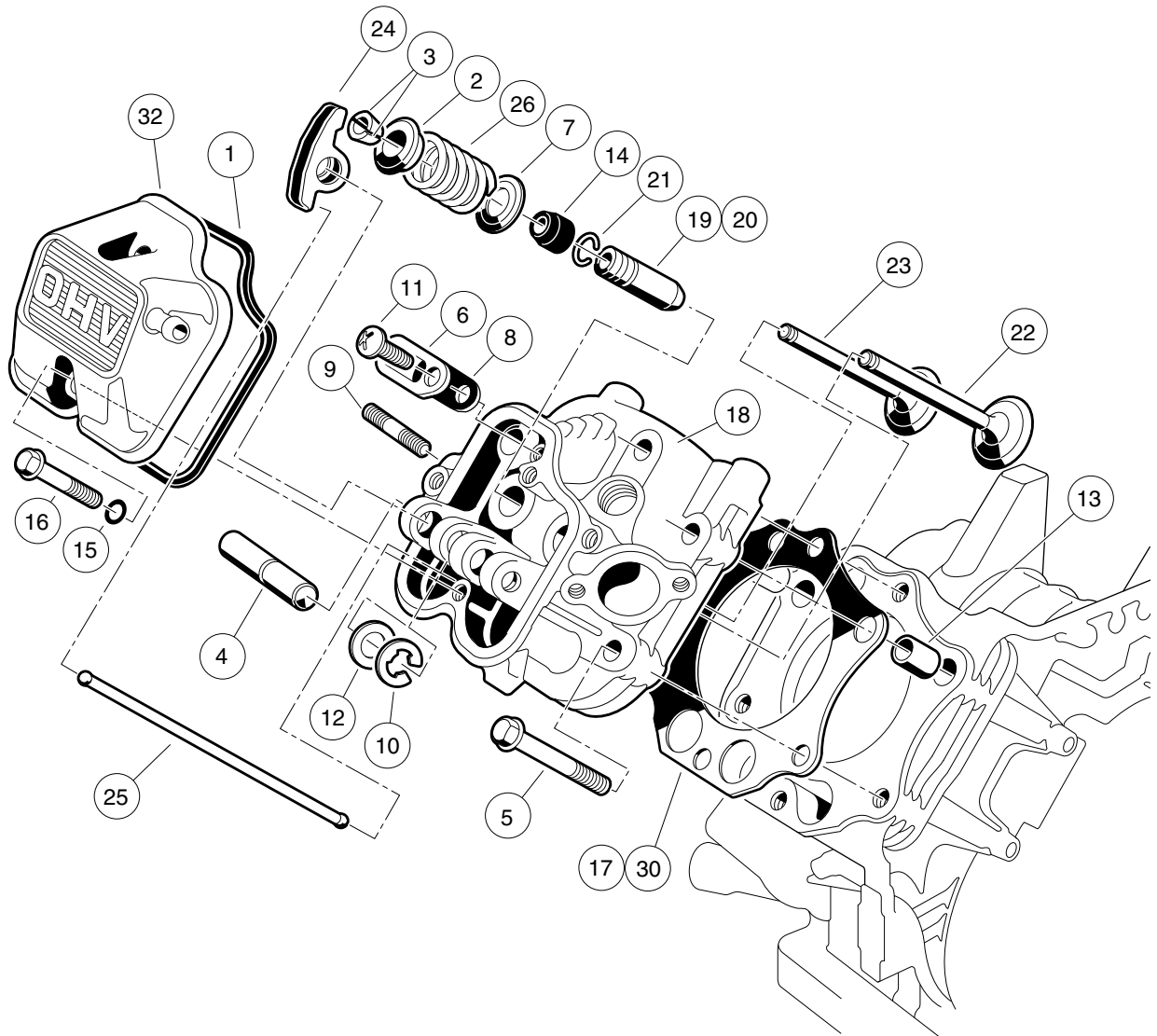
| ITEM | PART NO.  | DESCRIPTION                             | QTY | 8 |
|------|-----------|-----------------------------------------|-----|---|
|      |           | 1 2 3 4                                 |     | G |
| 1    | 1016445   | Bracket, RPM Limiter .....              | 1   |   |
| 2    |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



000203-001

## FE350 ENGINE – OIL CIRCULATION

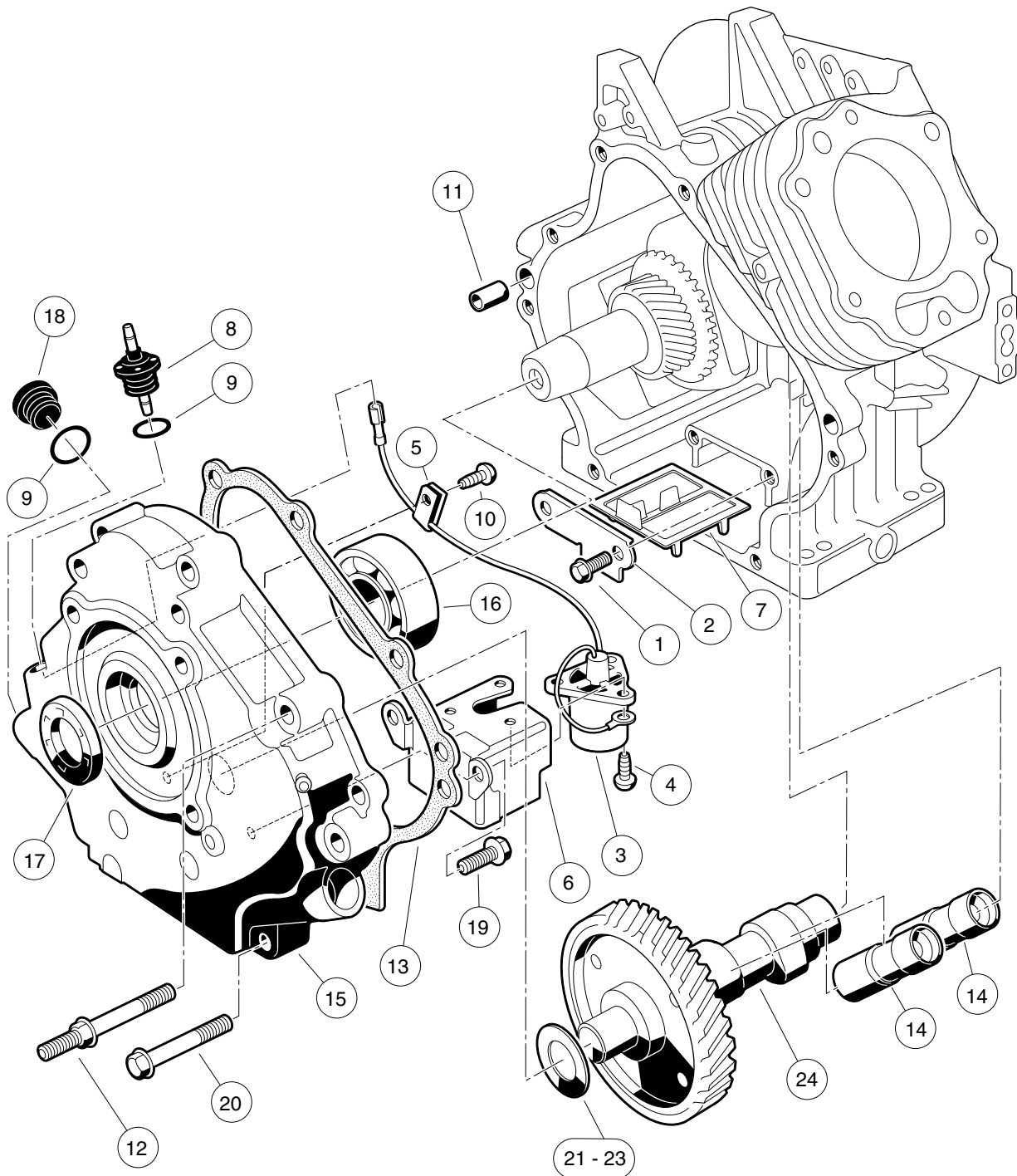
| ITEM | PART NO.  | DESCRIPTION                        | QTY | 8 |
|------|-----------|------------------------------------|-----|---|
|      |           | 1 2 3 4                            |     | G |
| 1    | 1016429   | Seat, Value Oil Press Relief ..... | 1   |   |
| 2    | 1016432   | Gasket, 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 | 8 | G |
|------|-----------|---------------------------------------------------------------------|-----|---|---|
|      |           | 1 2 3 4                                                             |     |   |   |
| 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.               |     |   |   |

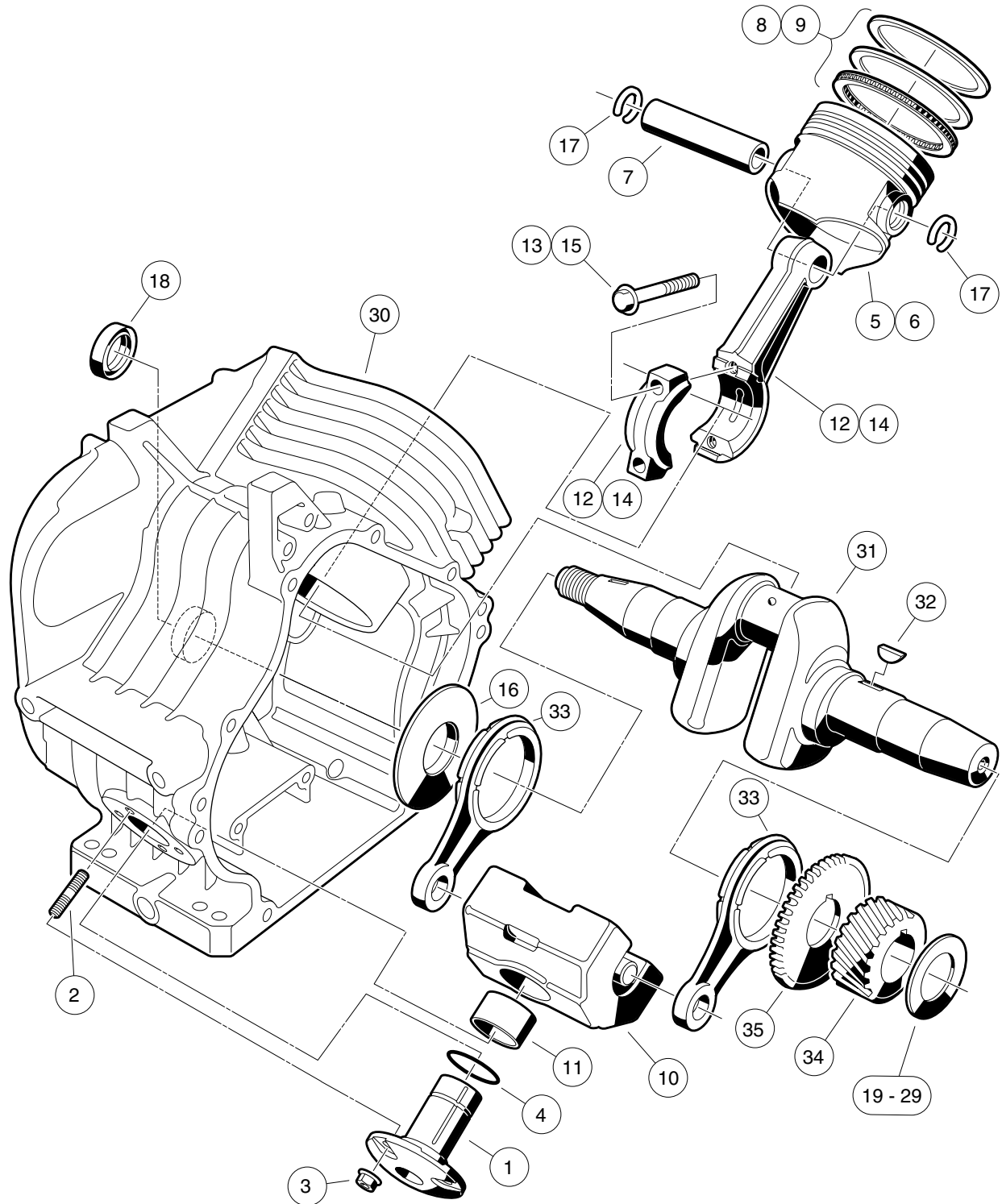


000205-002

# 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 .....                              | 1   |
| 22   | 101751802 | Shim, 0.4 .....                              | 1   |
| 23   | 101751803 | Shim, 0.5 .....                              | 1   |
| 24   | 102431001 | Camshaft, FE350 without ACR, 44-Tooth .....  | 1   |

**8**
**G**



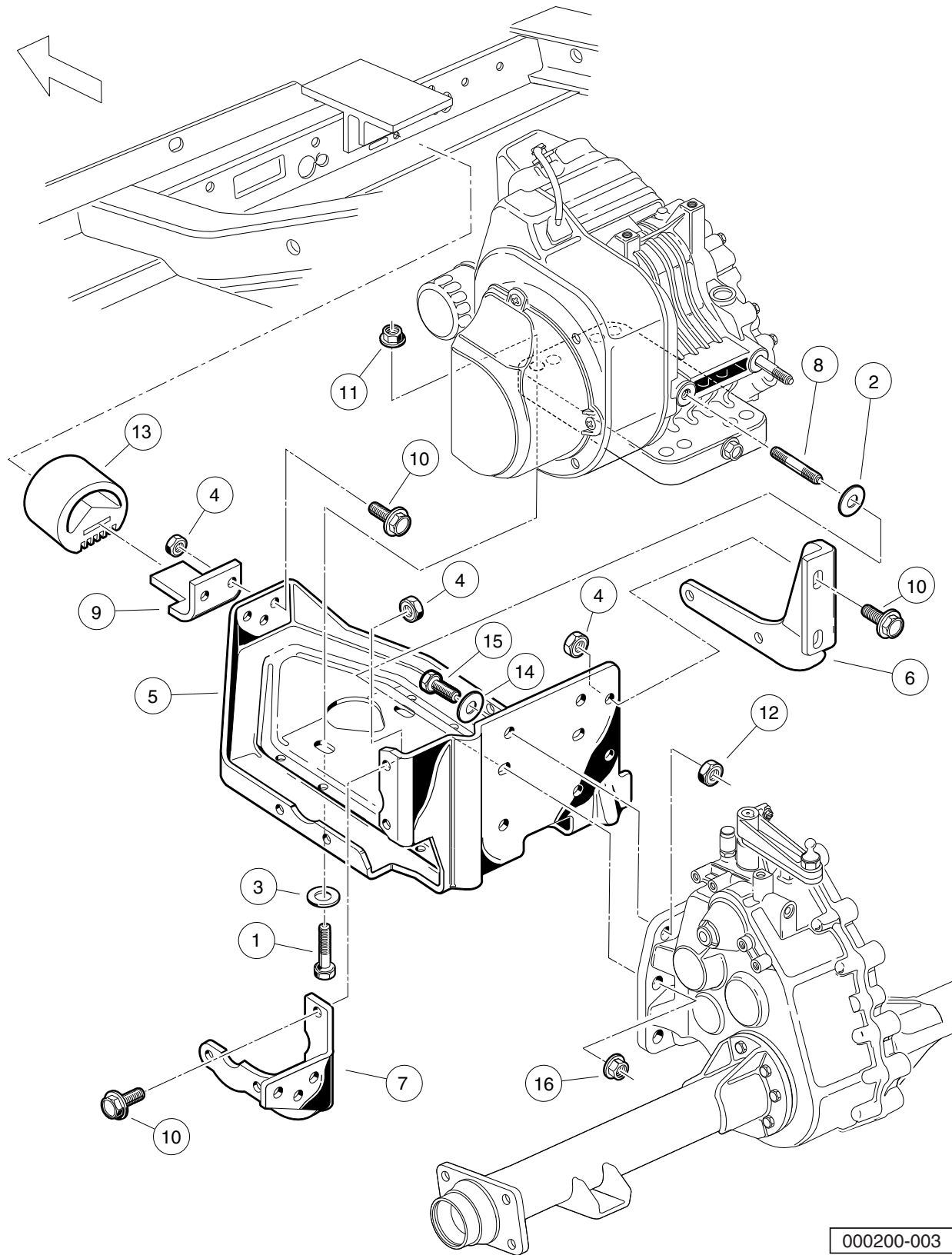
000206-001

# AS11 FE350 ENGINE – CRANKCASE AND CRANKSHAFT

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

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000200-003

## FE350 ENGINE MOUNTING

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

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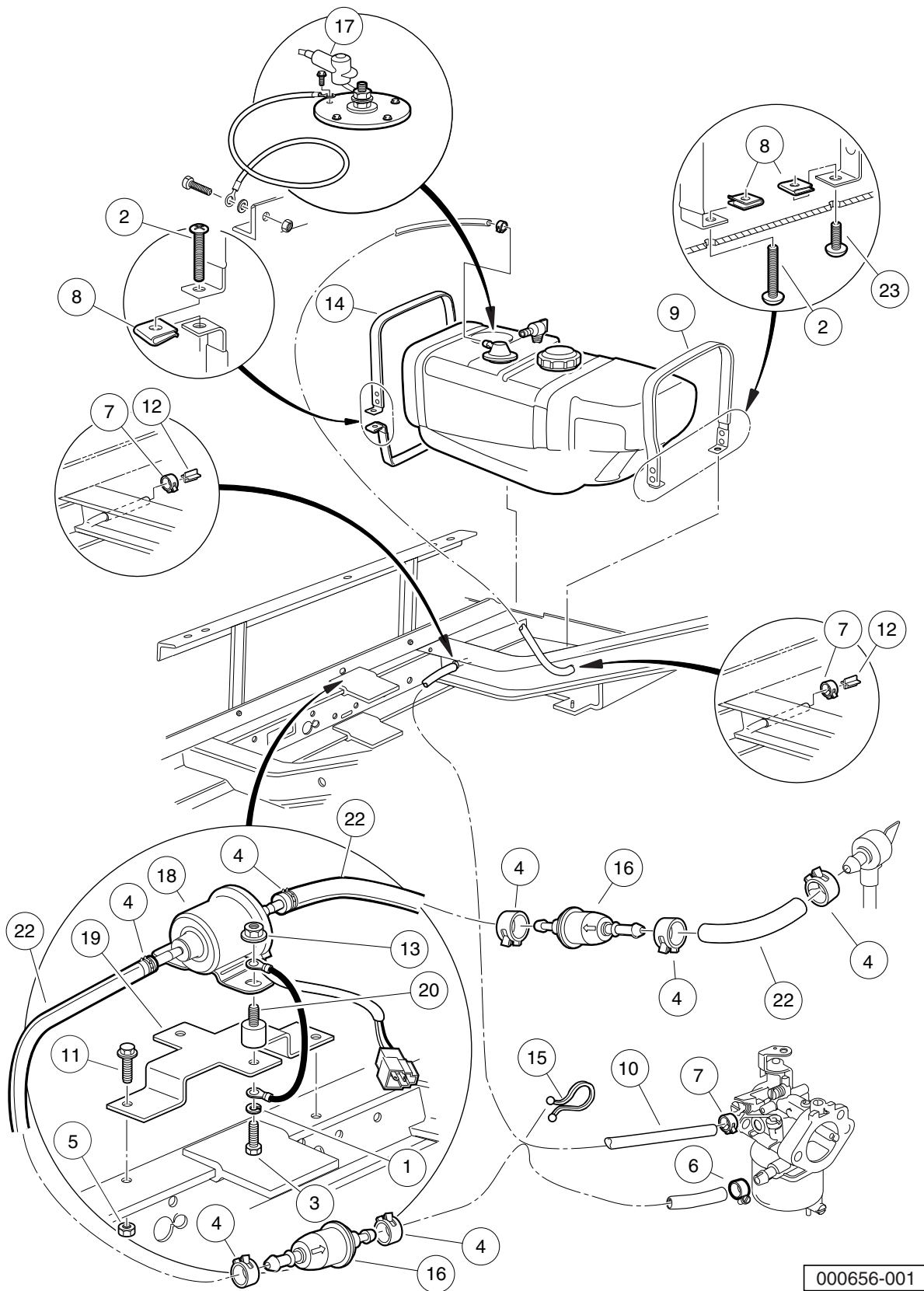
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# FUEL, INTAKE, AND GOVERNOR SYSTEM

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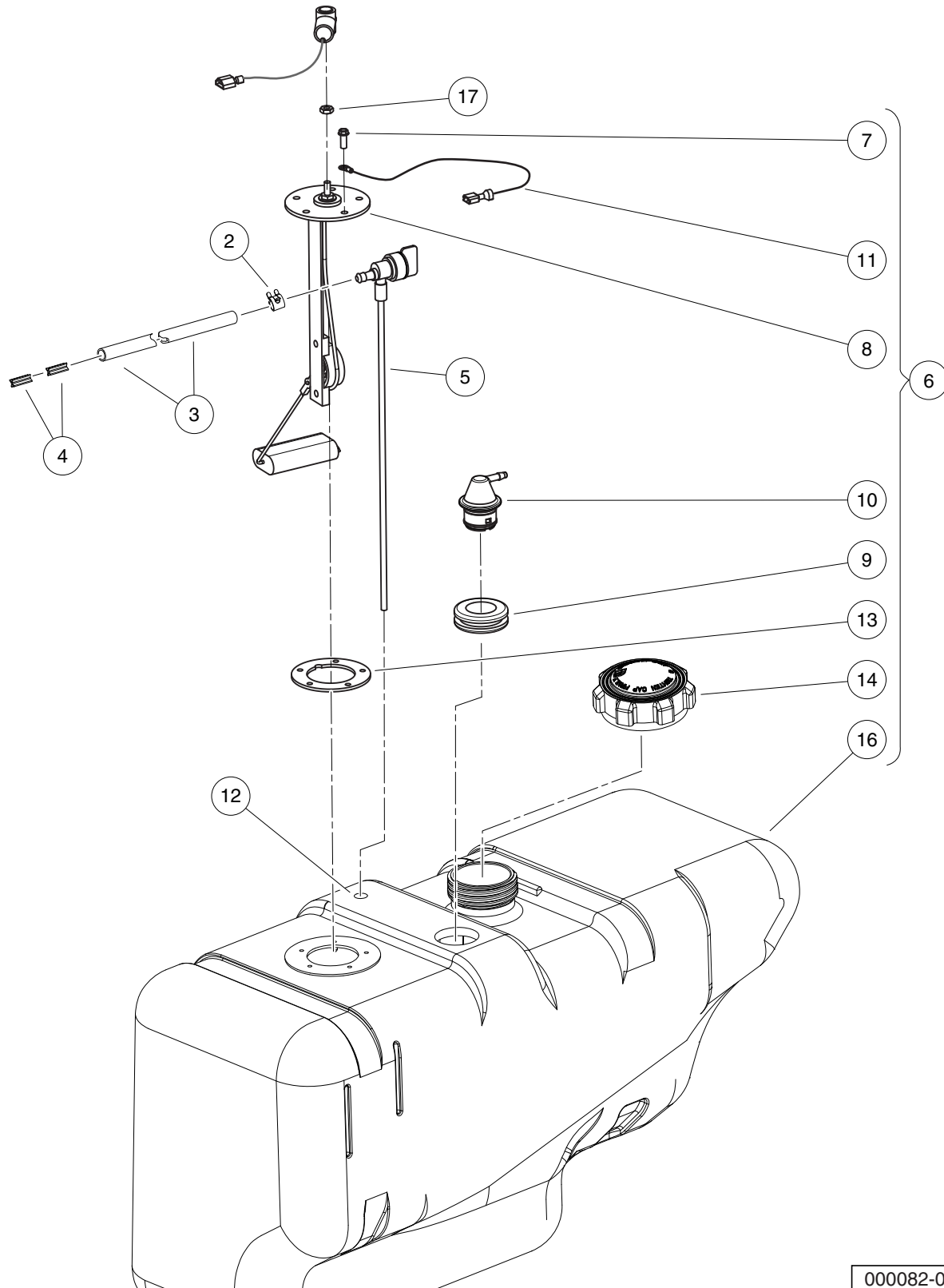
000656-001

# FUEL SYSTEM WITH ELECTRIC FUEL PUMP

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

**9**

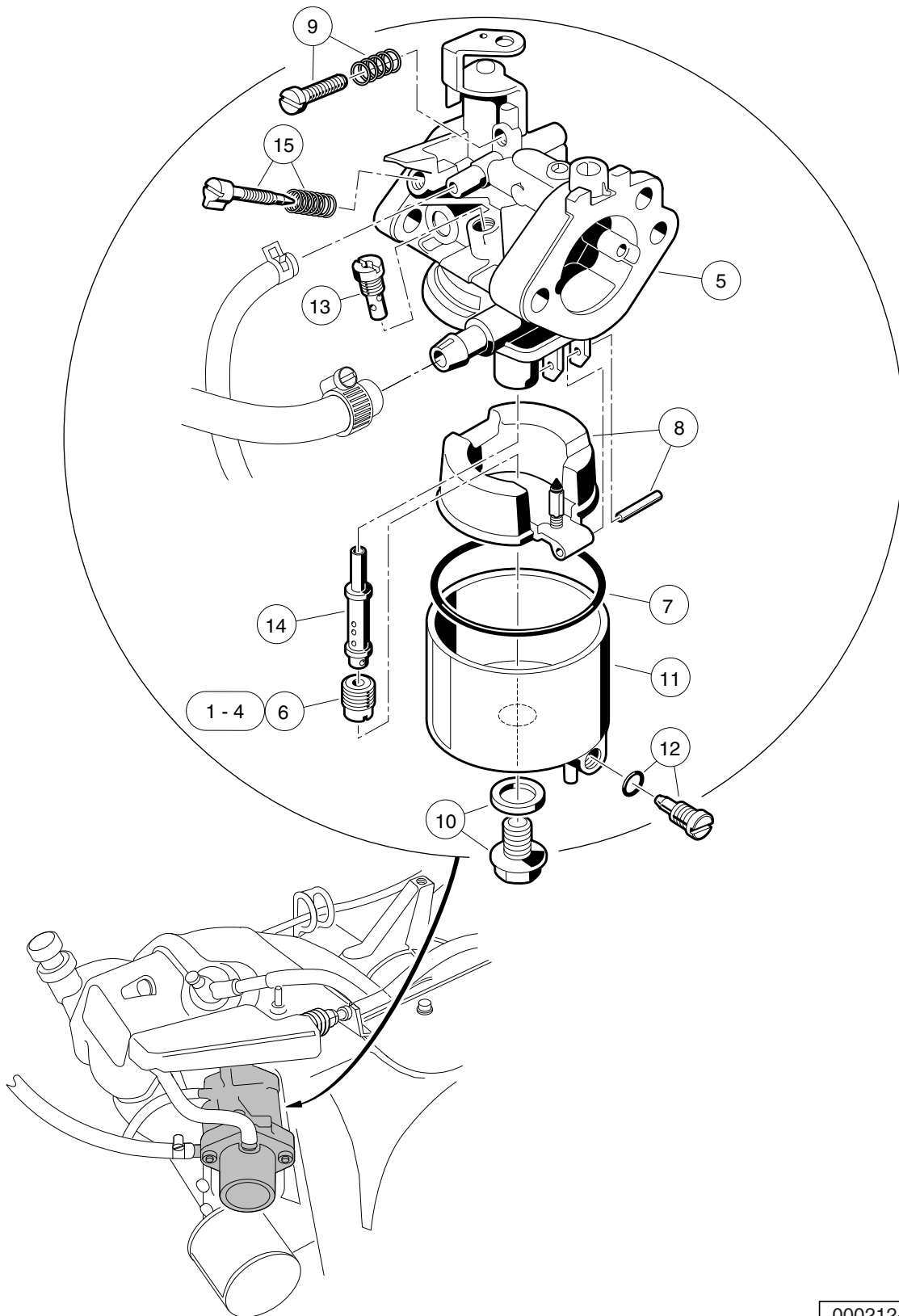
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000082-003

## FUEL TANK WITH FUEL LEVEL SENDING UNIT

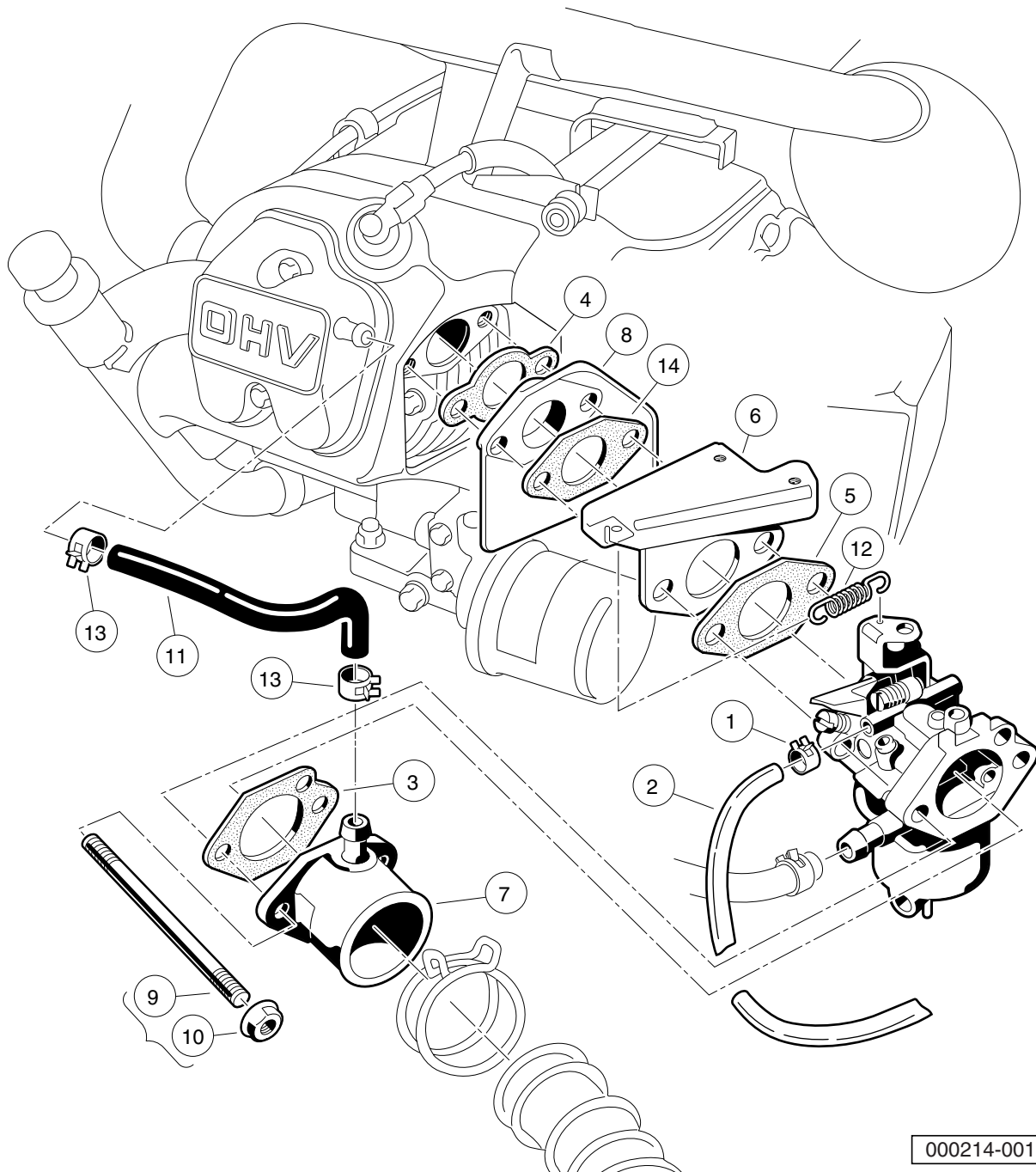
| ITEM                                                                                | PART NO.  | DESCRIPTION                                                      | QTY | 9        |
|-------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------|-----|--------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



000212-001

## CARBURETOR ASSEMBLY – FE350

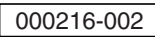
| ITEM                                                                                                                                                                                              | PART NO.  | DESCRIPTION                                            | QTY | 9        |
|-------------------------------------------------------------------------------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



000214-001

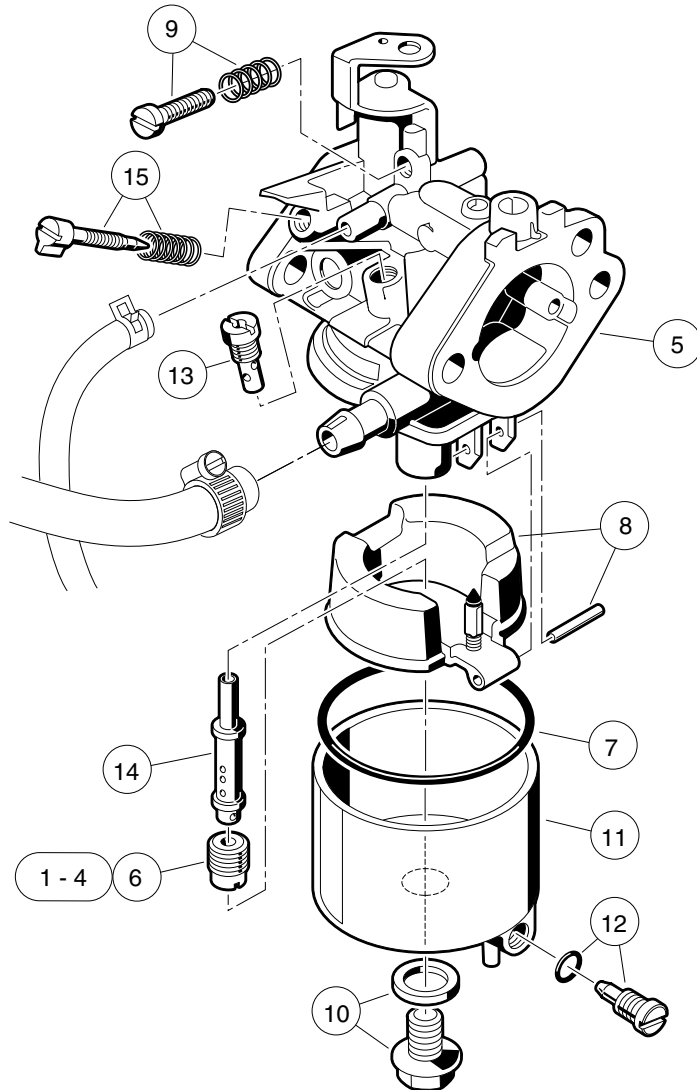
## CARBURETOR INSTALLATION – FE350

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



# INTAKE DUCT AND AIR BOX ASSEMBLY

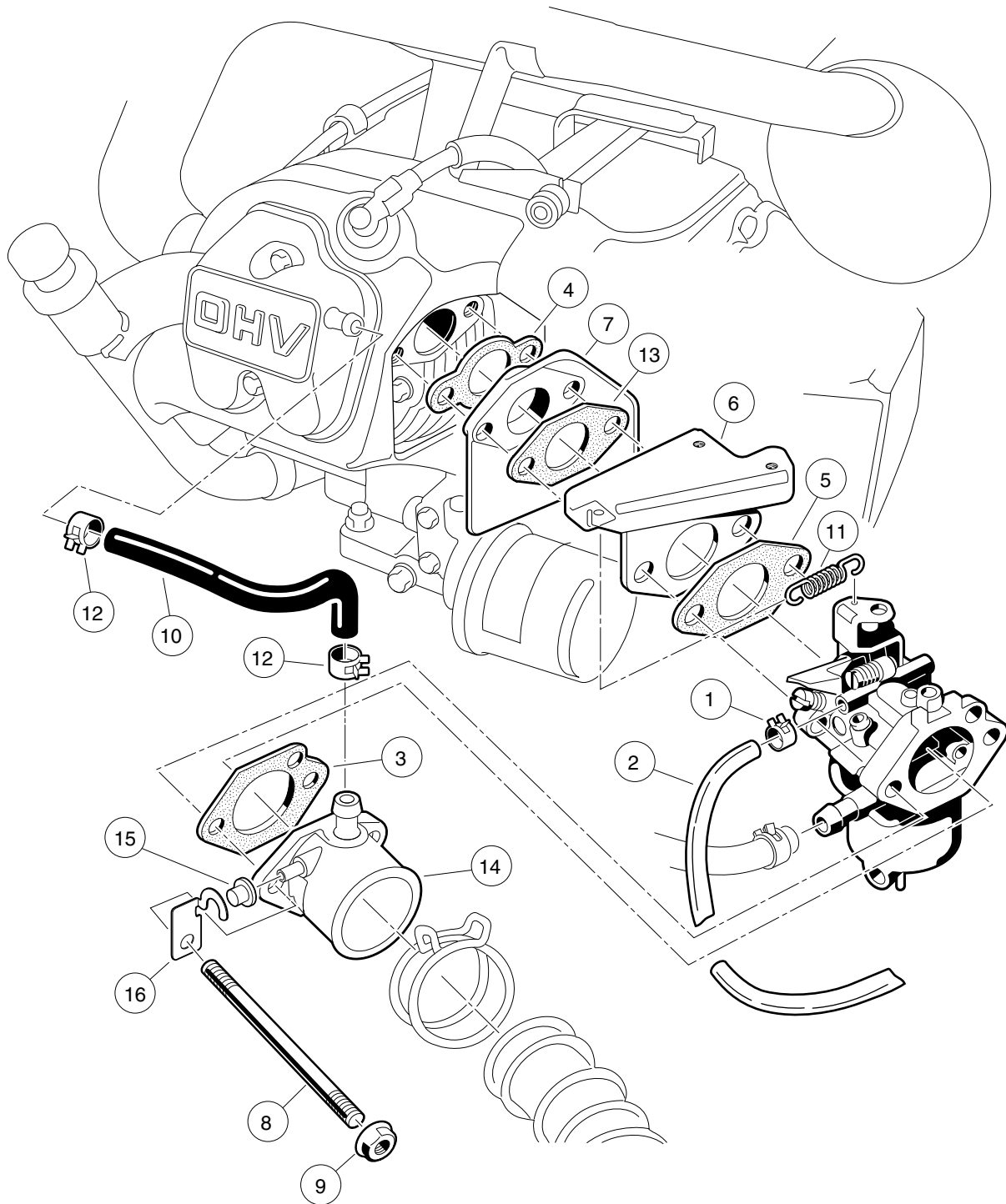
| ITEM                              | PART NO.  | DESCRIPTION                                            | QTY | 9        |
|-----------------------------------|-----------|--------------------------------------------------------|-----|----------|
|                                   |           | <b>1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



000212-002

## CARBURETOR ASSEMBLY – FE350 S26

| ITEM                                                                                                                                                     | PART NO.  | DESCRIPTION                      | QTY | 9 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------|-----|---|
|                                                                                                                                                          |           | 1 2 3 4                          |     | G |
| 1                                                                                                                                                        | 101642575 | Jet, Altitude, # 75 .....        | 1   |   |
| 2                                                                                                                                                        | 101642578 | Jet, Altitude, # 78 .....        | 1   |   |
| 3                                                                                                                                                        | 101642580 | Jet, Altitude, # 80 .....        | 1   |   |
| 4                                                                                                                                                        | 101642582 | Jet, Altitude, # 82 .....        | 1   |   |
| 5                                                                                                                                                        | 103616901 | Carburetor Fe350 Precedent ..... | 1   |   |
| <p>Note: 101642582 for 0 - 3,200 feet; 101642580 for 3,200 - 6,500 feet;<br/> 101642578 for 6,500 - 9,800 feet; 101642576 for 9,800 feet and higher.</p> |           |                                  |     |   |



000214-002

## CARBURETOR INSTALLATION – FE350 S27

| ITEM | PART NO.  | DESCRIPTION                             | QTY | 9 |
|------|-----------|-----------------------------------------|-----|---|
|      |           | 1 2 3 4                                 |     | G |
| 1    | 1013746   | Clamp, 0.301 ID Hose .....              | 1   |   |
| 2    | 1015137   | Fuel Line (available by the foot) ..... | 1   |   |
| 3    | 1016438   | Gasket, Carb To Intake Manifold .....   | 1   |   |
| 4    | 1016440   | Gasket, Engine to Insulator .....       | 1   |   |
| 5    | 1016441   | Gasket, Sprg Brkt To Carb OHV .....     | 1   |   |
| 6    | 1016444   | Bracket, Throttle Spring Return .....   | 1   |   |
| 7    | 101648102 | Insulator, Carburetor .....             | 1   |   |
| 8    | 101649002 | Stud, M6-1.00 Two-Ended .....           | 2   |   |
| 9    | 1016547   | Nut, M6 Flange .....                    | 2   |   |
| 10   | 1016572   | Tube, Crankcase Vent .....              | 1   |   |
| 11   | 1016582   | Spring, Throttle Return .....           | 1   |   |
| 12   | 1017466   | Clamp .....                             | 2   |   |
| 13   | 101973401 | Gasket, Insulator To Bracket .....      | 1   |   |
| 14   | 103507101 | Carburetor Adapter w/ Tap .....         | 1   |   |
| 15   | 103507201 | Plug, Intake Manifold, Carb .....       | 1   |   |
| 16   | 103507301 | Bracket, Intake Manifold, Carb .....    | 1   |   |

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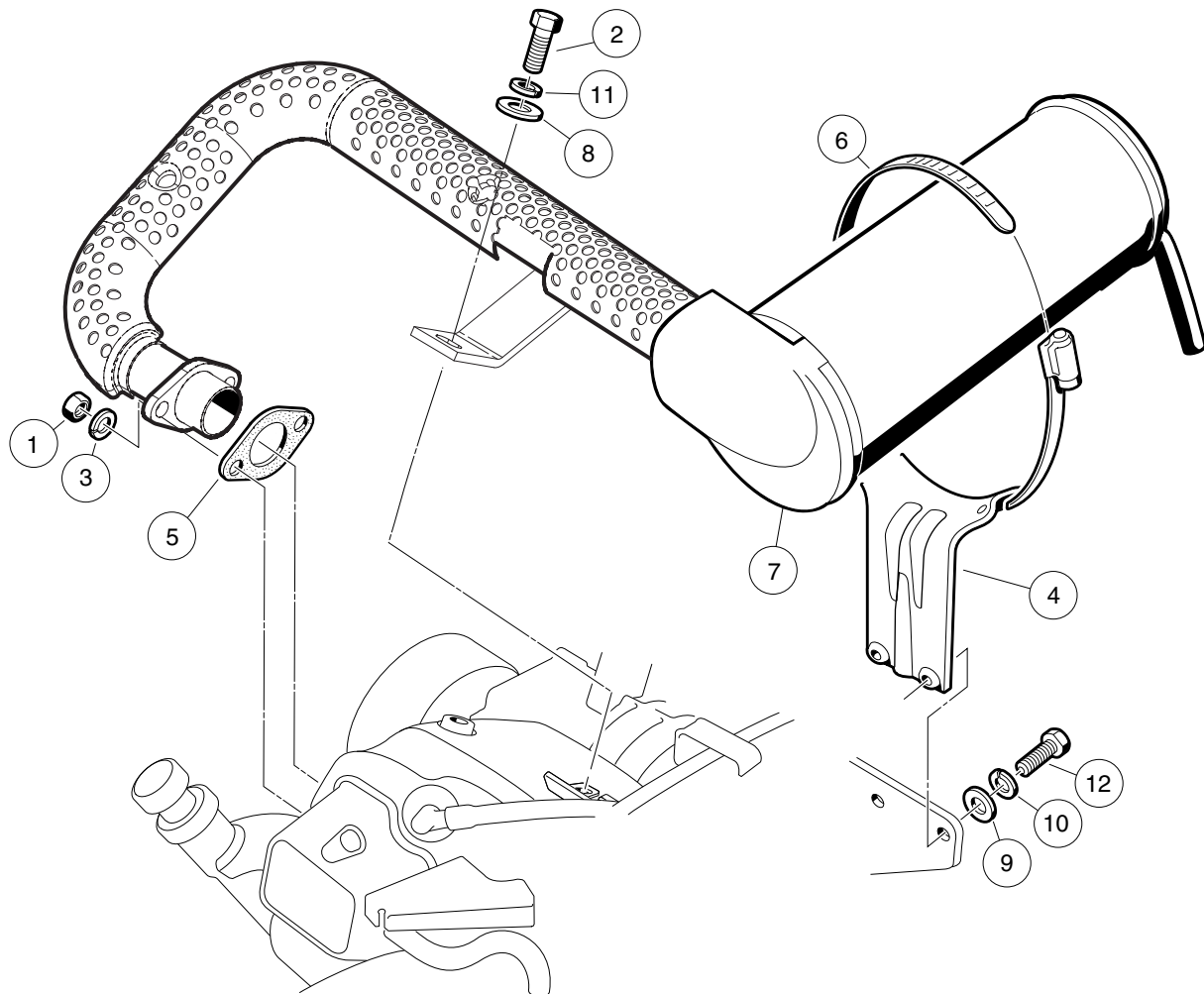
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# EXHAUST SYSTEM

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*10*

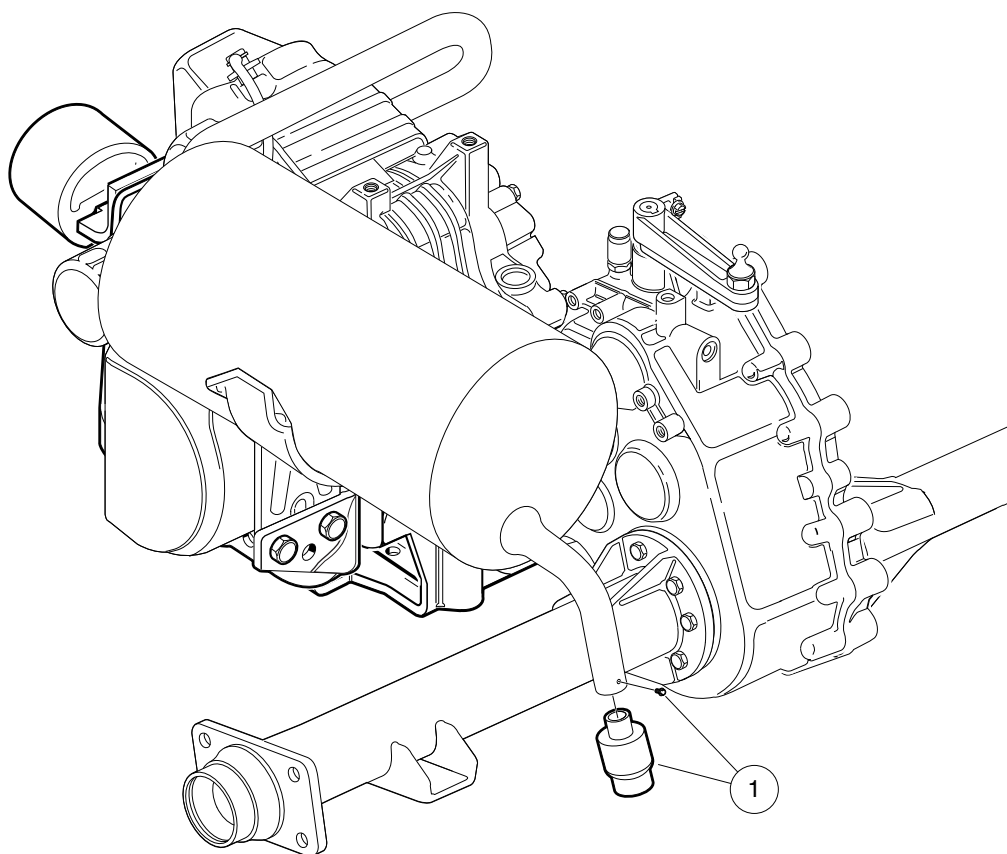
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000491-001

## EXHAUST SYSTEM – FE350

| ITEM | PART NO.  | DESCRIPTION                             | QTY | 10 |
|------|-----------|-----------------------------------------|-----|----|
|      |           | 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   |    |



APM-000119-001

# SPARK ARRESTOR KIT

| ITEM | PART NO.  | DESCRIPTION                                                              | QTY | 10 |
|------|-----------|--------------------------------------------------------------------------|-----|----|
| 1    | 101629008 | <div> <div>1 2 3 4</div> <div>Spark Arrestor, 290/350 .....</div> </div> | 1   | G  |

**10**

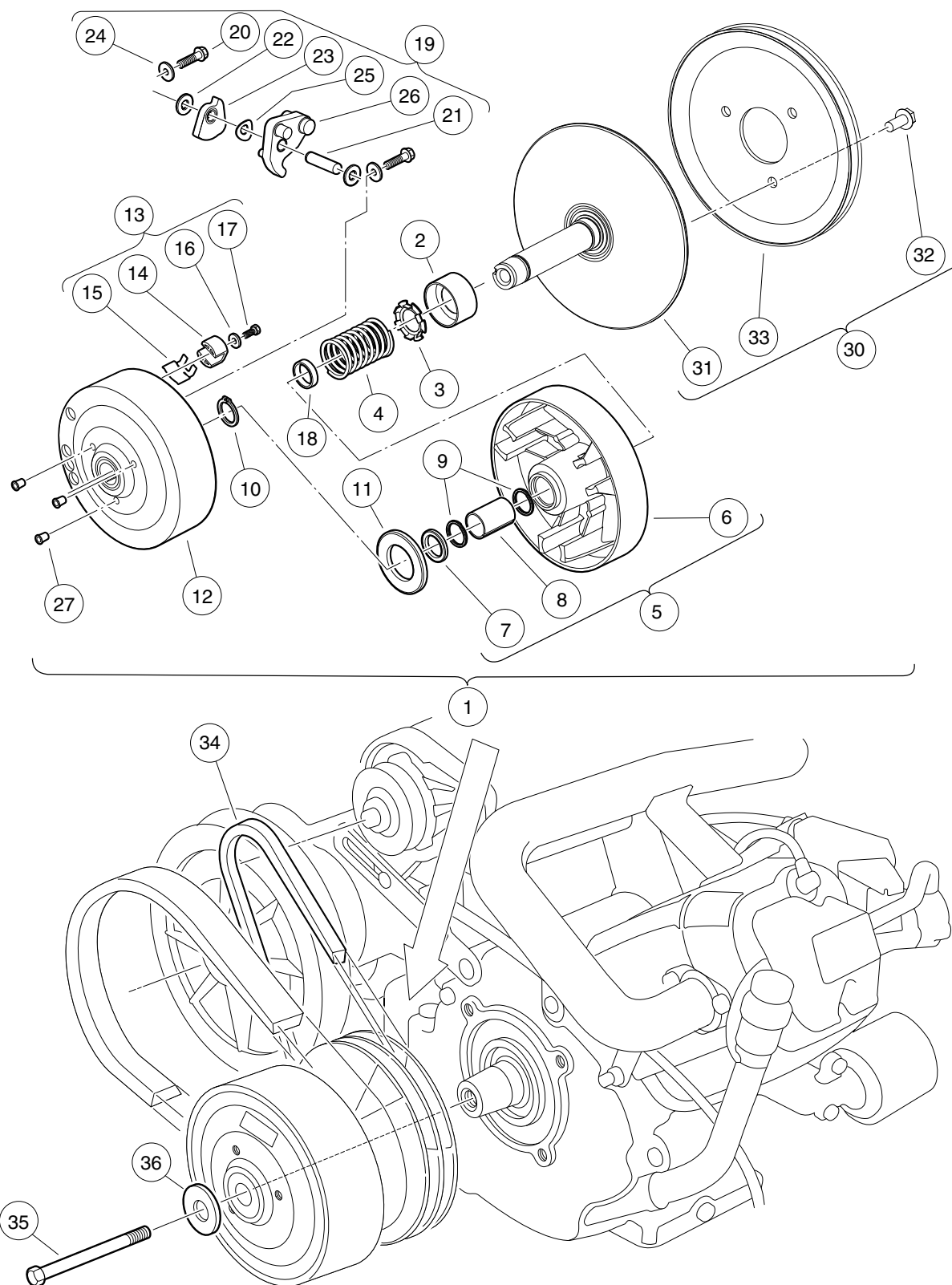
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# TORQUE CONVERTER

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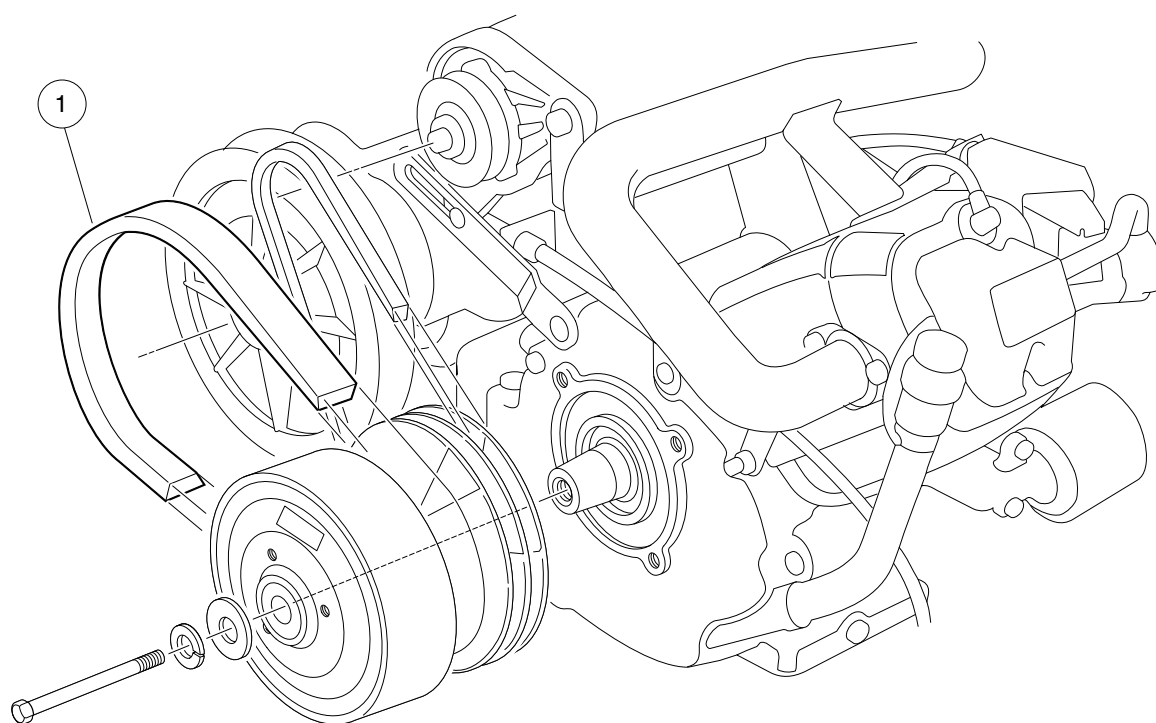
000217-001

# 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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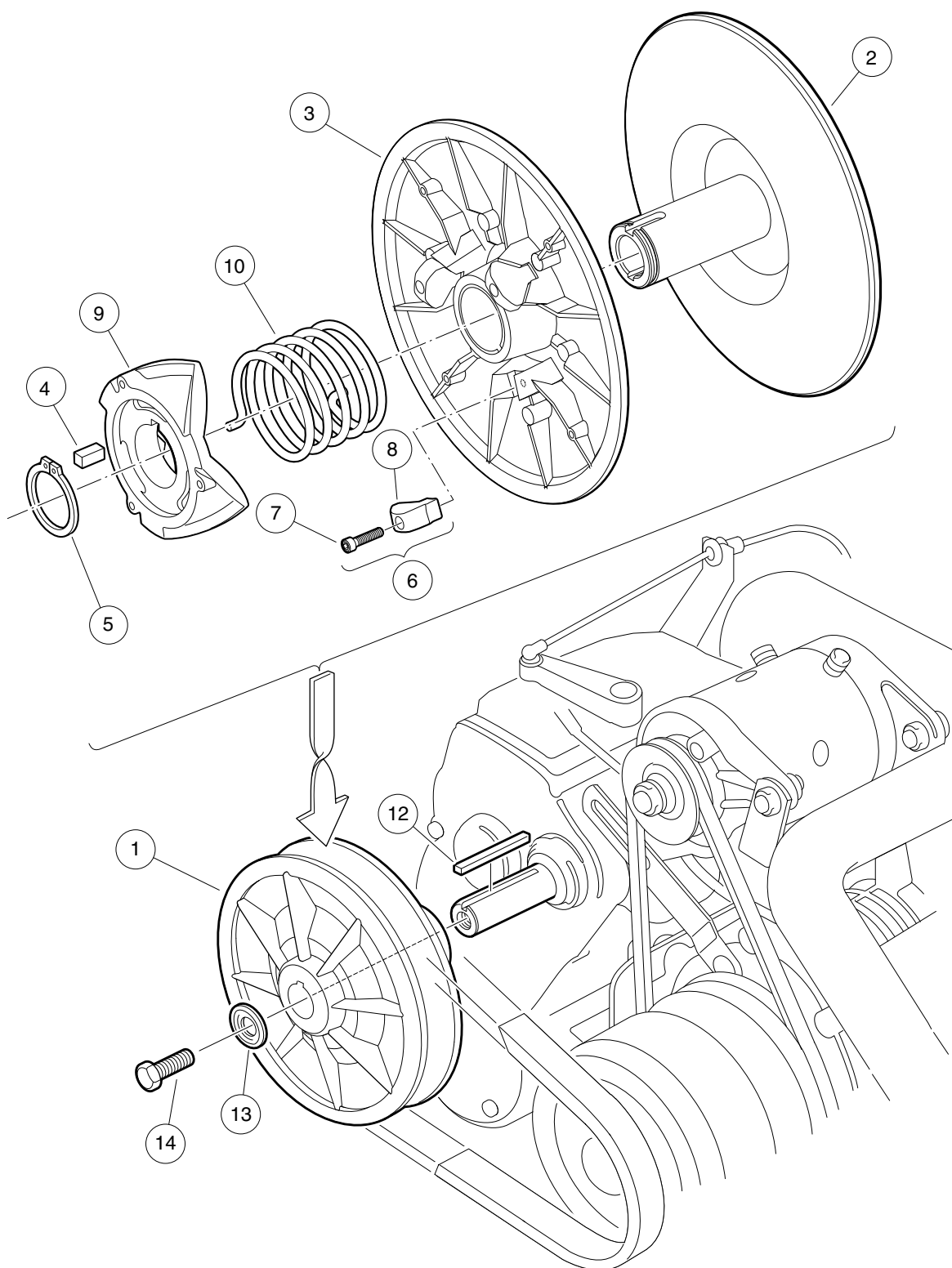
000218-001

DRIVE BELT – FE350

| ITEM | PART NO. | DESCRIPTION                                             | QTY |
|------|----------|---------------------------------------------------------|-----|
| 1    | 1017188  | <div>1 2 3 4</div> <div>Belt, Drive (FE350) .....</div> | 1   |

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000219-001

# DRIVEN CLUTCH

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

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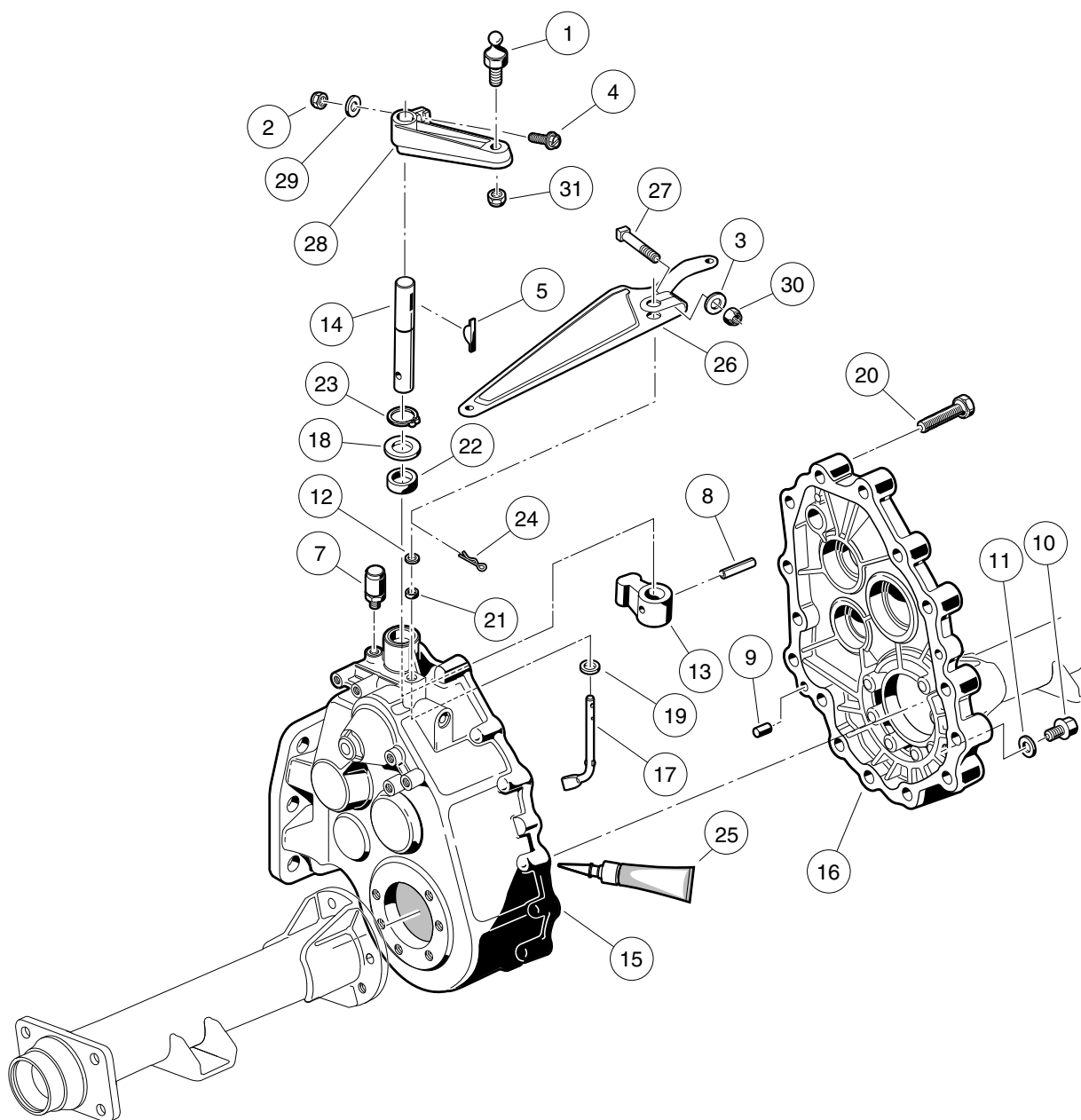
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# UNITIZED TRANSAXLE

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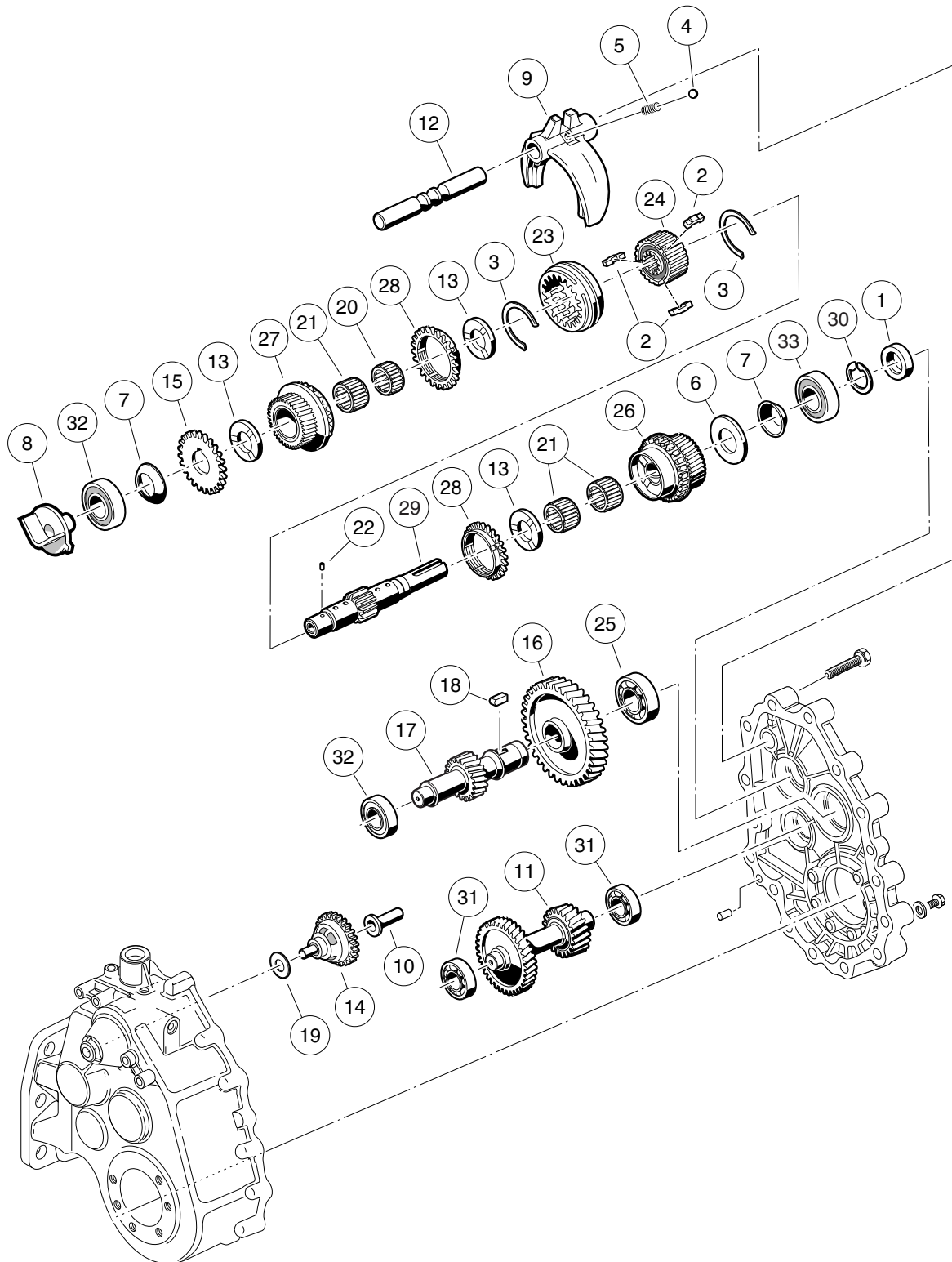


000220-004

# TRANSAXLE – GASOLINE VEHICLES, GEAR CASES AND BRACKETS

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

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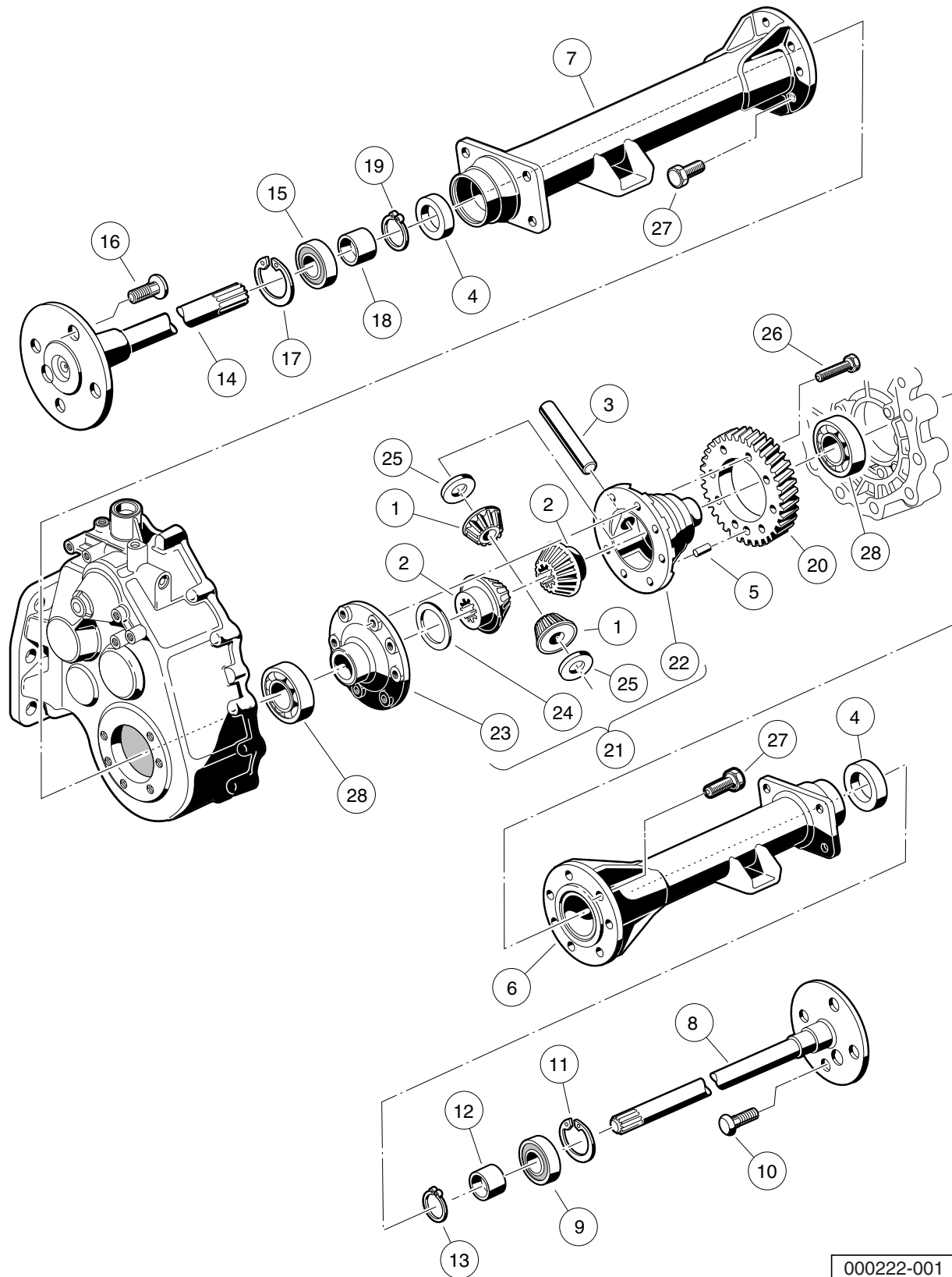


000221-001

# TRANSAXLE – GASOLINE VEHICLES, TRANSMISSION AND GEAR REDUCTION

| ITEM                                                                      | PART NO.  | DESCRIPTION                                            | QTY |
|---------------------------------------------------------------------------|-----------|--------------------------------------------------------|-----|
|                                                                           |           | <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   |
| Note: Items listed on this page are components of the unitized transaxle. |           |                                                        |     |

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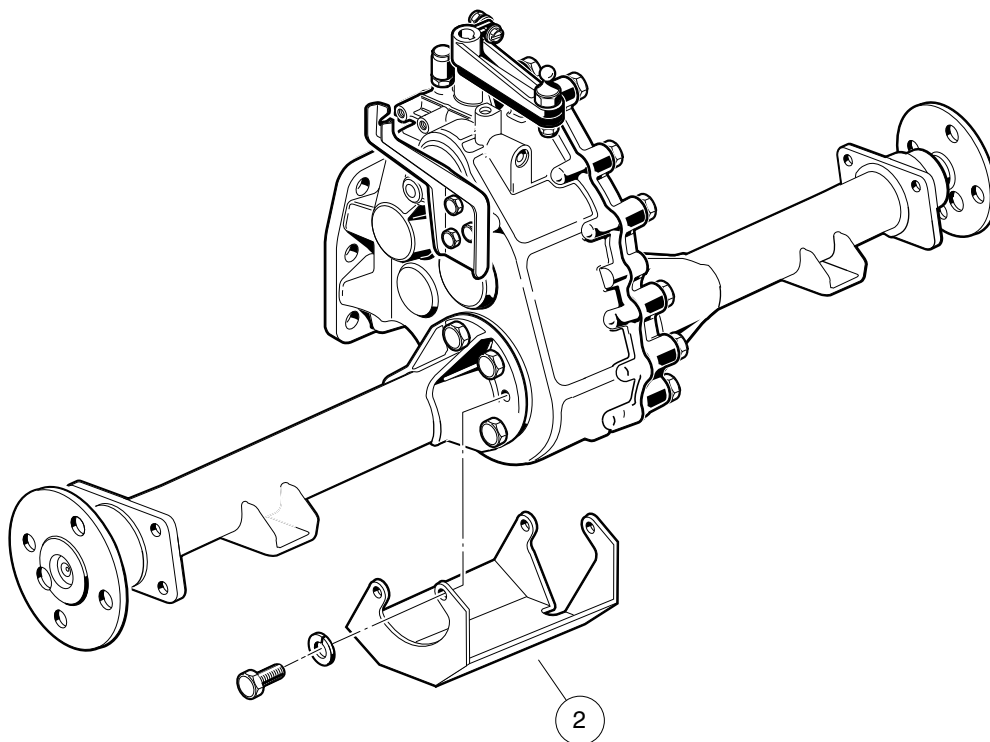
000222-001

# 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    | 1014193   | Dowel Pin .....                                                   | 1   |
| 6    | 101890901 | Pipe .....                                                        | 1   |
| 7    | 101891001 | Pipe .....                                                        | 1   |
| 8    | 101891401 | Axle Assembly, Passenger Side (includes items 9 through 13) ..... | 1   |
| 9    | 1011291   | Outer Axle, Tube Bearing .....                                    | 1   |
| 10   | 1013787   | Lug Stud .....                                                    | 4   |
| 11   | 1013792   | Circlip Type C .....                                              | 1   |
| 12   | 1014207   | Bushing .....                                                     | 1   |
| 13   | 1016672   | Retaining Ring .....                                              | 1   |
| 14   | 101891501 | Axle Assembly, Driver-Side (includes items 15 through 19) .....   | 1   |
| 15   | 1011291   | Outer Axle, Tube Bearing .....                                    | 1   |
| 16   | 1013787   | Lug Stud .....                                                    | 4   |
| 17   | 1013792   | Circlip Type C .....                                              | 1   |
| 18   | 1014207   | Bushing .....                                                     | 1   |
| 19   | 1016672   | Retaining Ring .....                                              | 1   |
| 20   | 101892701 | Gear, Helical .....                                               | 1   |
| 21   | 101910501 | Kit, Differential Gear Case (includes items 22 through 25) .....  | 1   |
| 22   | 1013768   | Differential Gear Case, Left-Hand .....                           | 1   |
| 23   | 1013769   | Differential Gear Case, Right-Hand .....                          | 1   |
| 24   | 1013773   | Plate, Thrust (Differential Gear) .....                           | 1   |
| 25   | 1013774   | Plate, Thrust (Idler Gear) .....                                  | 2   |
| 26   | 101928301 | Screw, M8-1.25 X 35mm Hex Head .....                              | 8   |
| 27   | 102031901 | Bolt, M10 X 1.5 X 30mm .....                                      | 14  |
| 28   | 7330      | Inner Axle Tube Bearing .....                                     | 2   |

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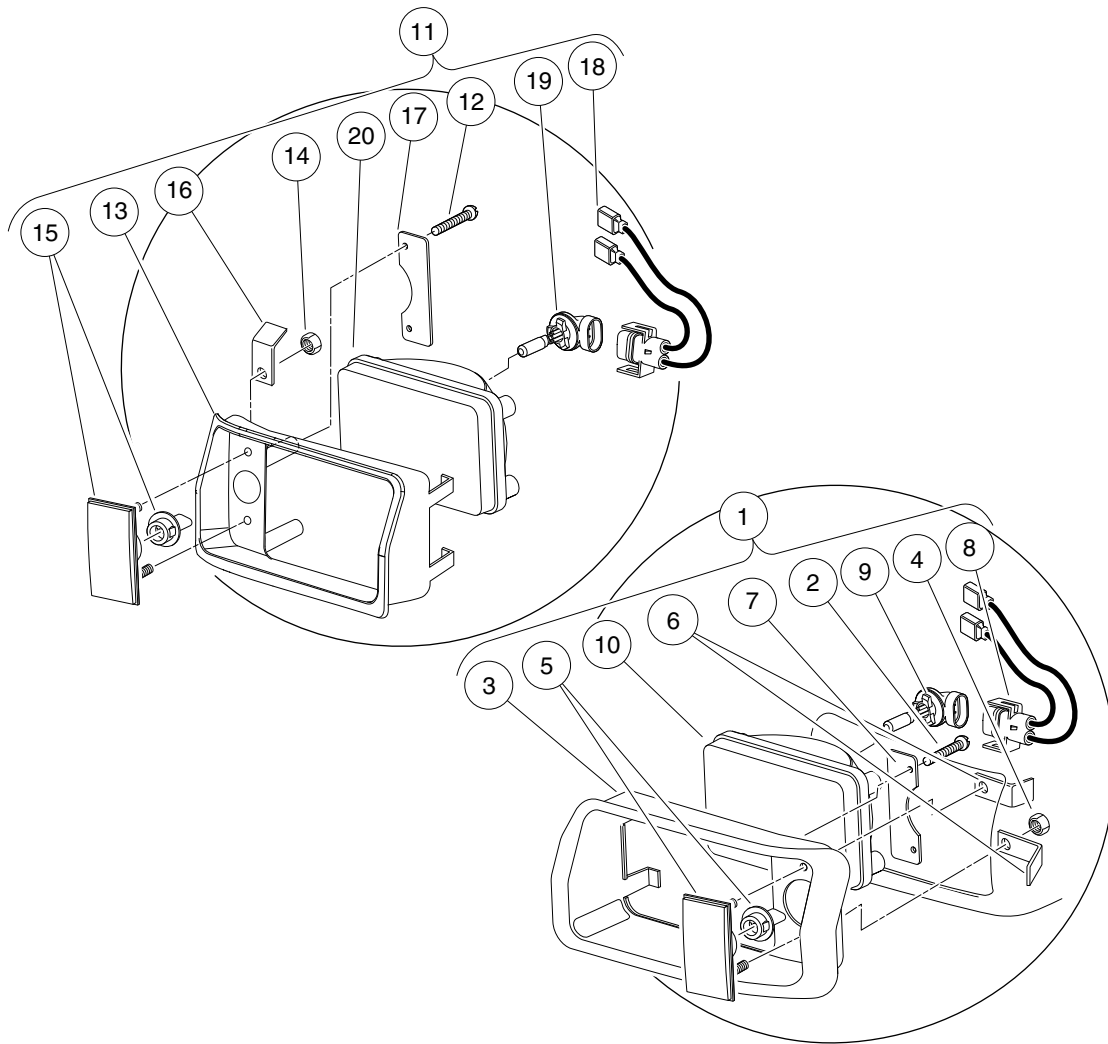
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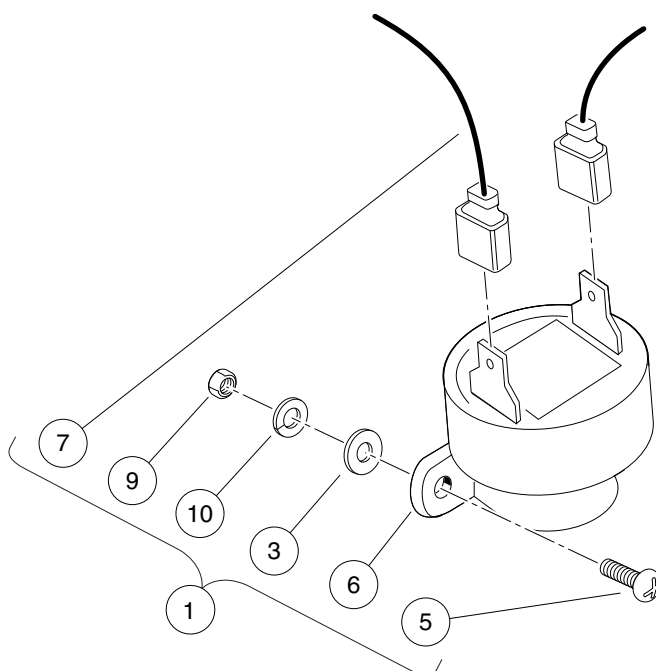
000073-001

# HEADLIGHTS

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

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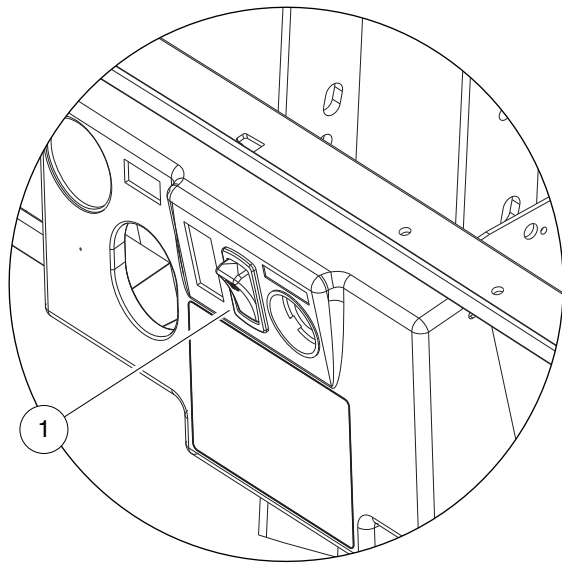
000741-003

# REVERSE BUZZER KIT

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

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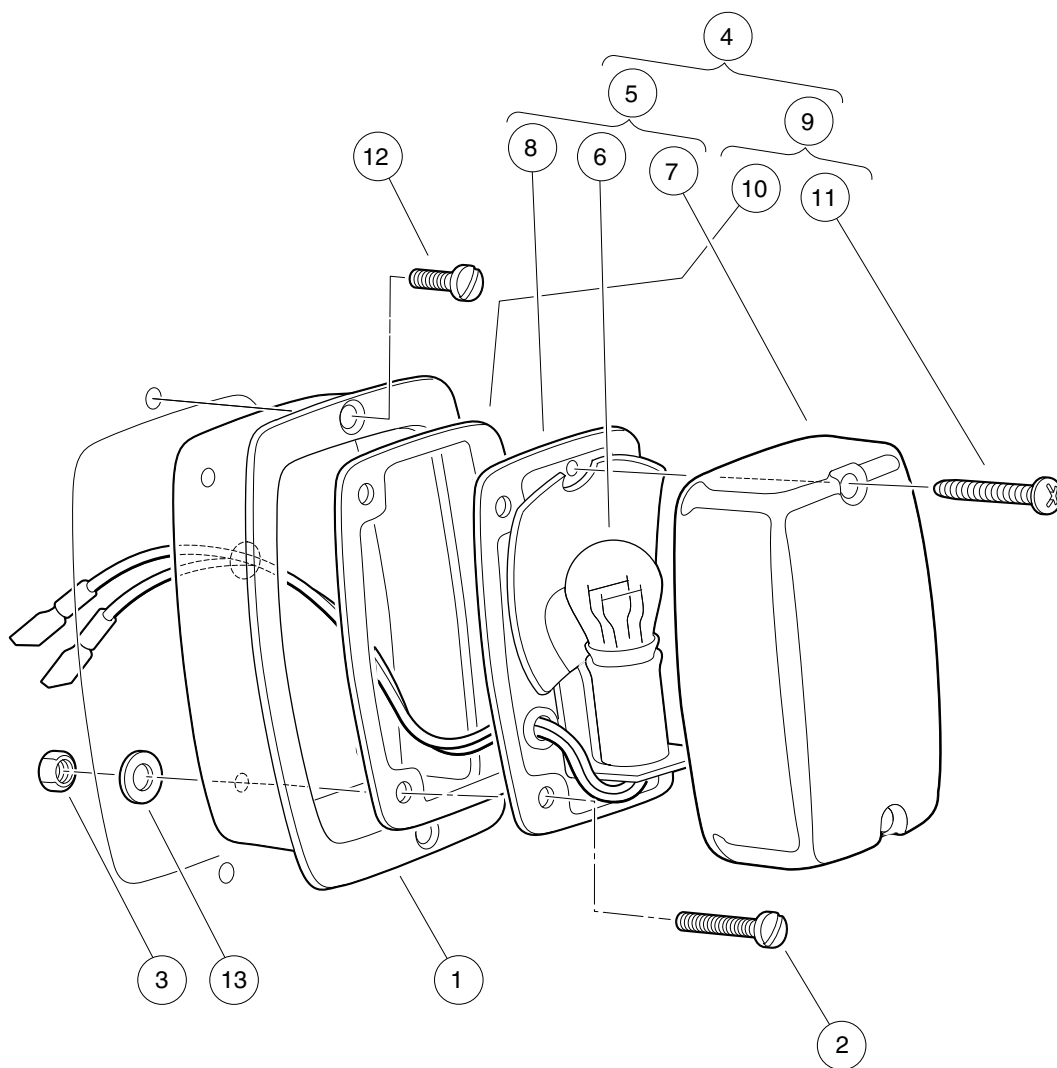
000073-003

HEADLIGHT SWITCH

| ITEM | PART NO.  | DESCRIPTION                            | QTY |
|------|-----------|----------------------------------------|-----|
| 1    | 102869401 | 1 2 3 4<br>Switch, Rocker, Light ..... | 1   |

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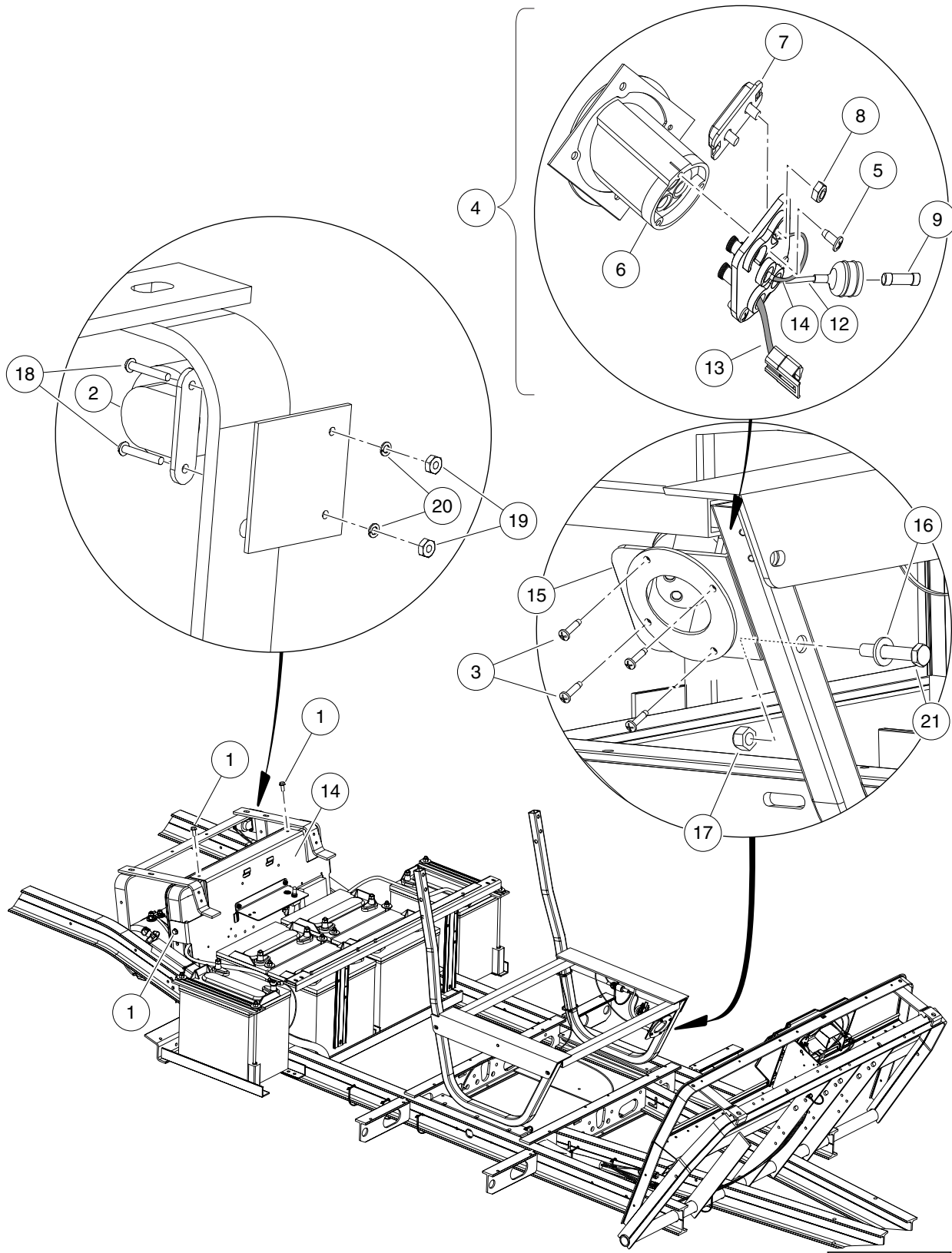
000348-006

# TAIL LIGHTS

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

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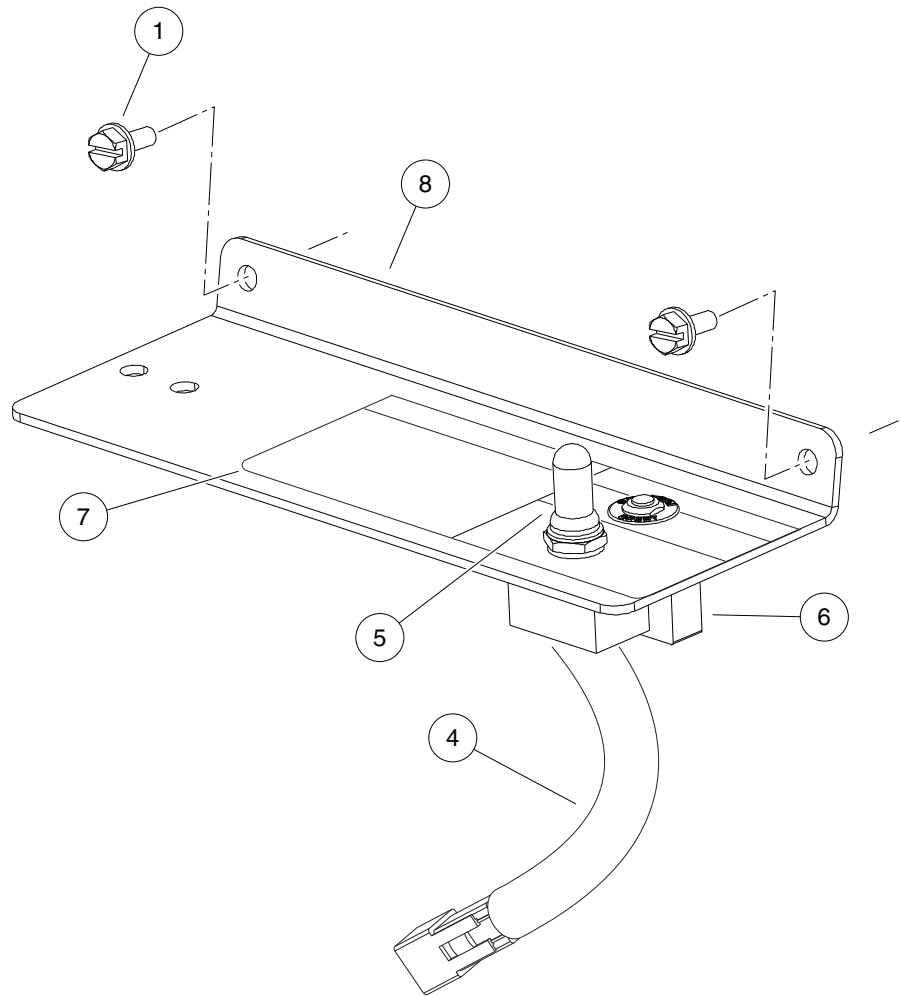
000764-001

# CHARGER RECEPTACLE

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

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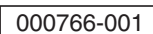


000765-001

## ELECTRICAL SYSTEM – TOW/RUN SWITCH

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





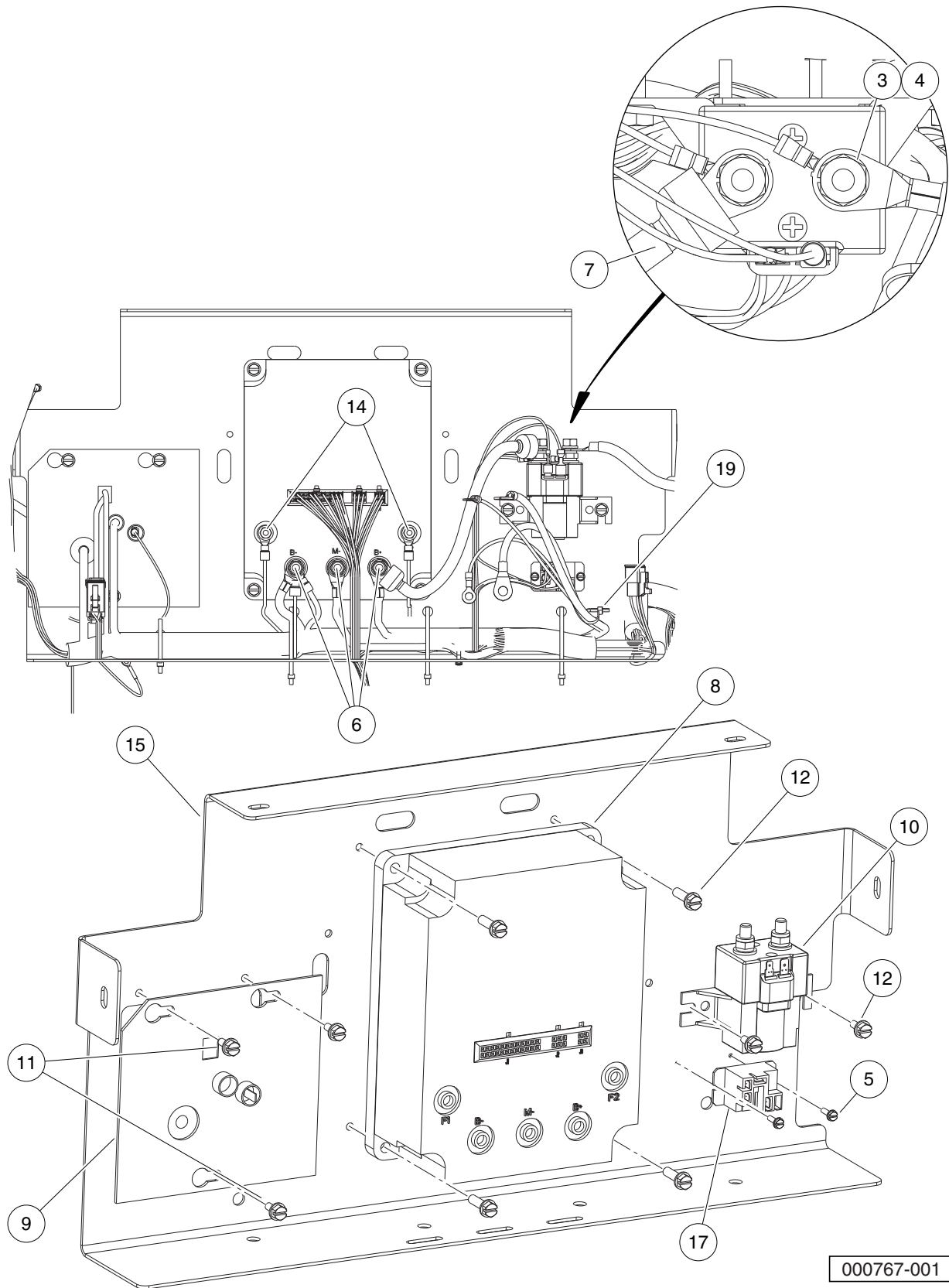
See previous two pages for illustration.

# WIRING – ELECTRIC VEHICLE

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

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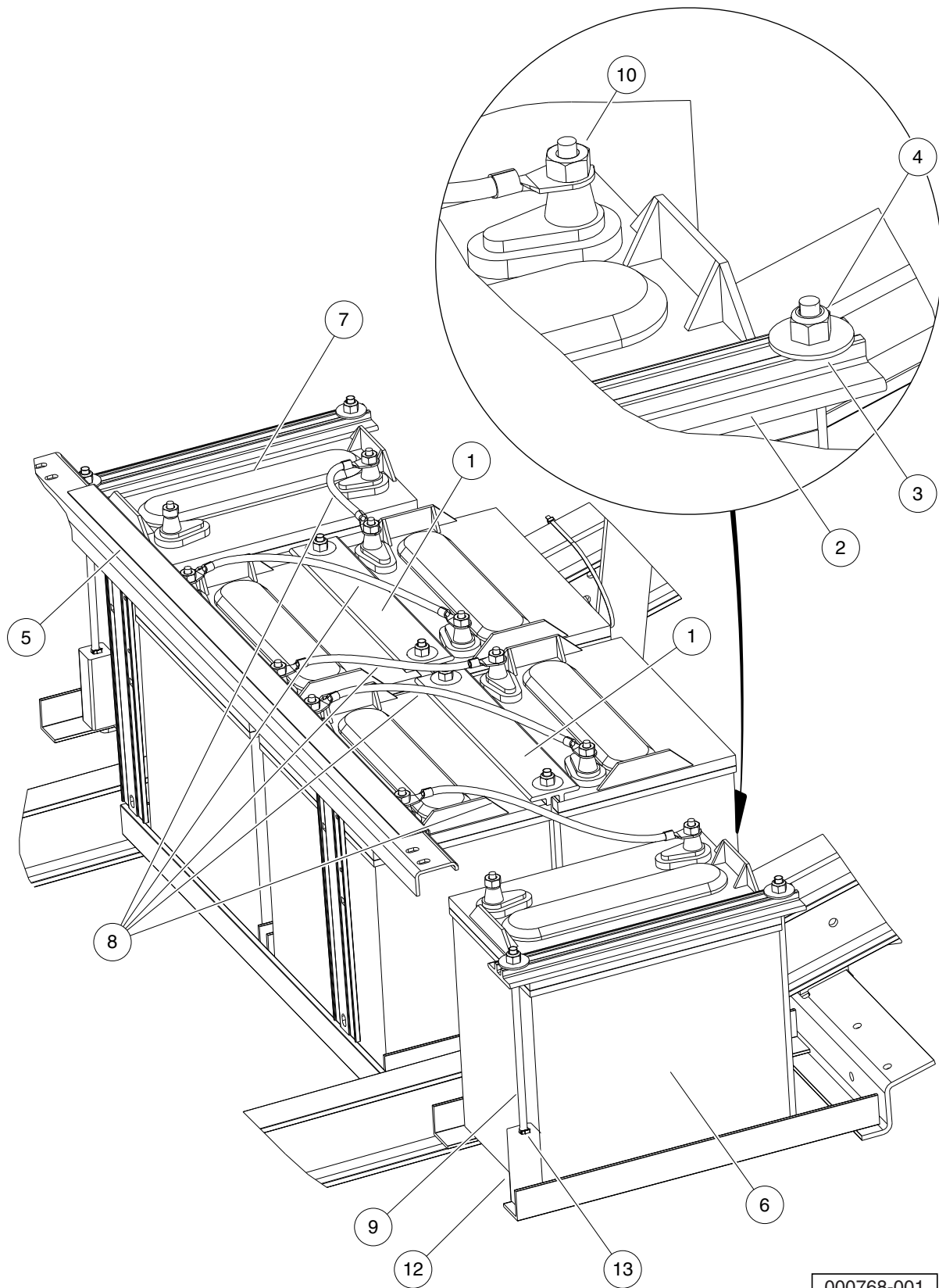


# COMPONENT MOUNTING PLATE

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

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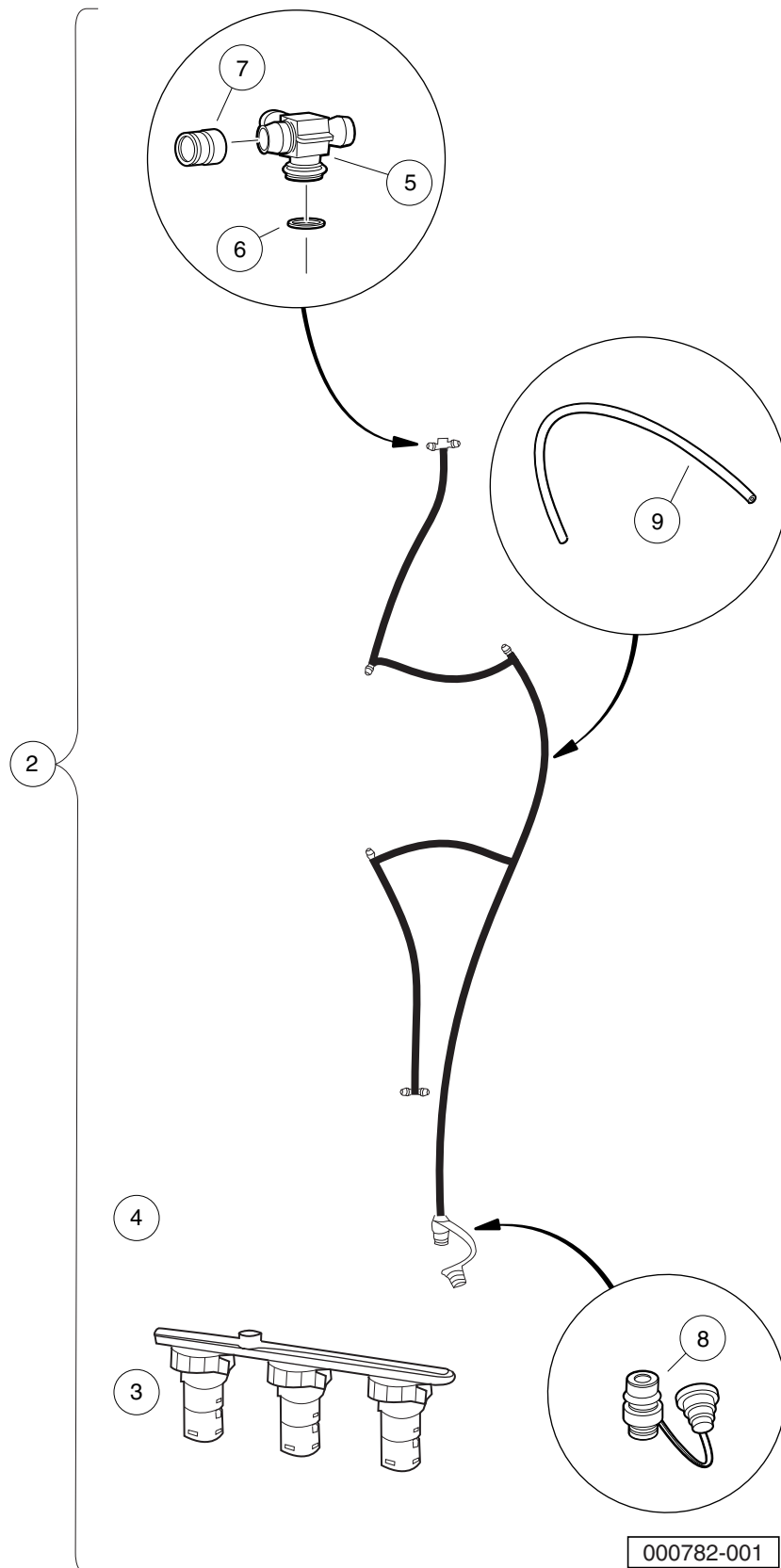
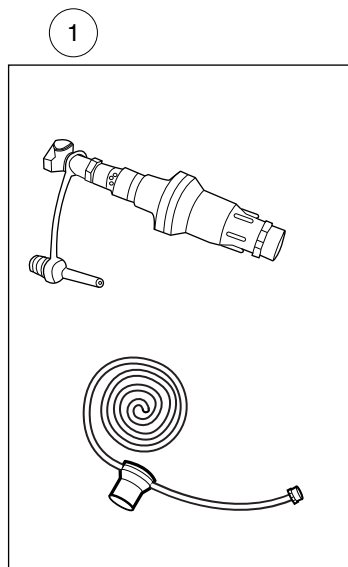
## ELECTRICAL SYSTEM – BATTERIES

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

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# SINGLE POINT WATERING SYSTEM

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

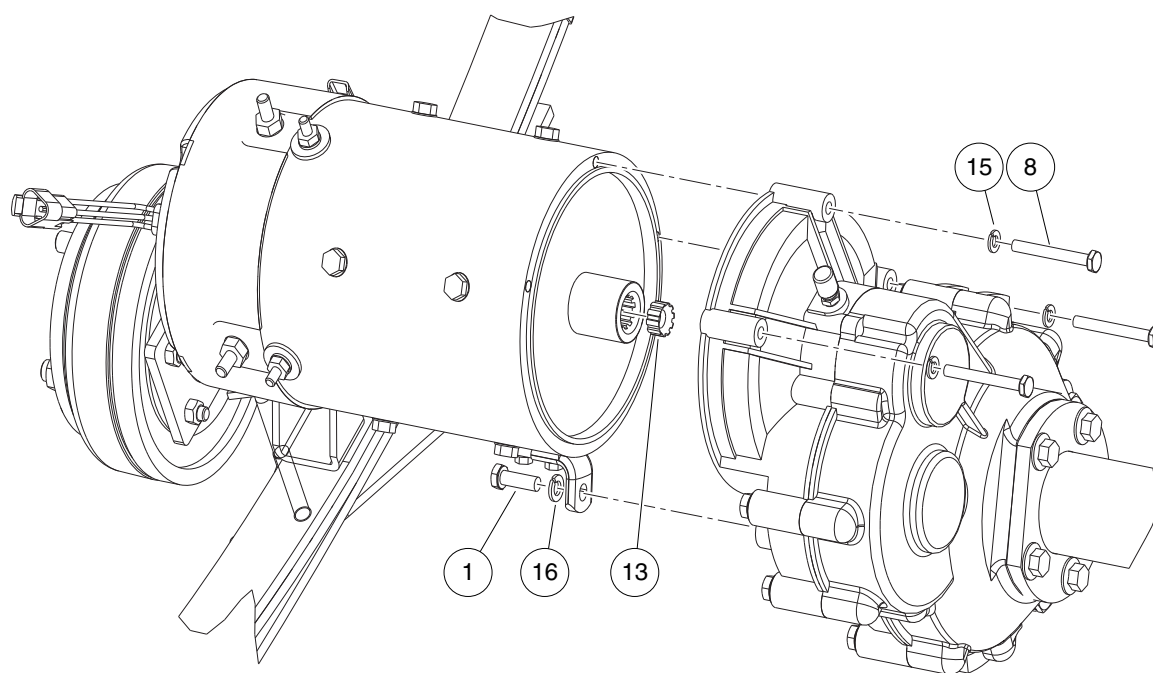


# ELECTRIC MOTOR

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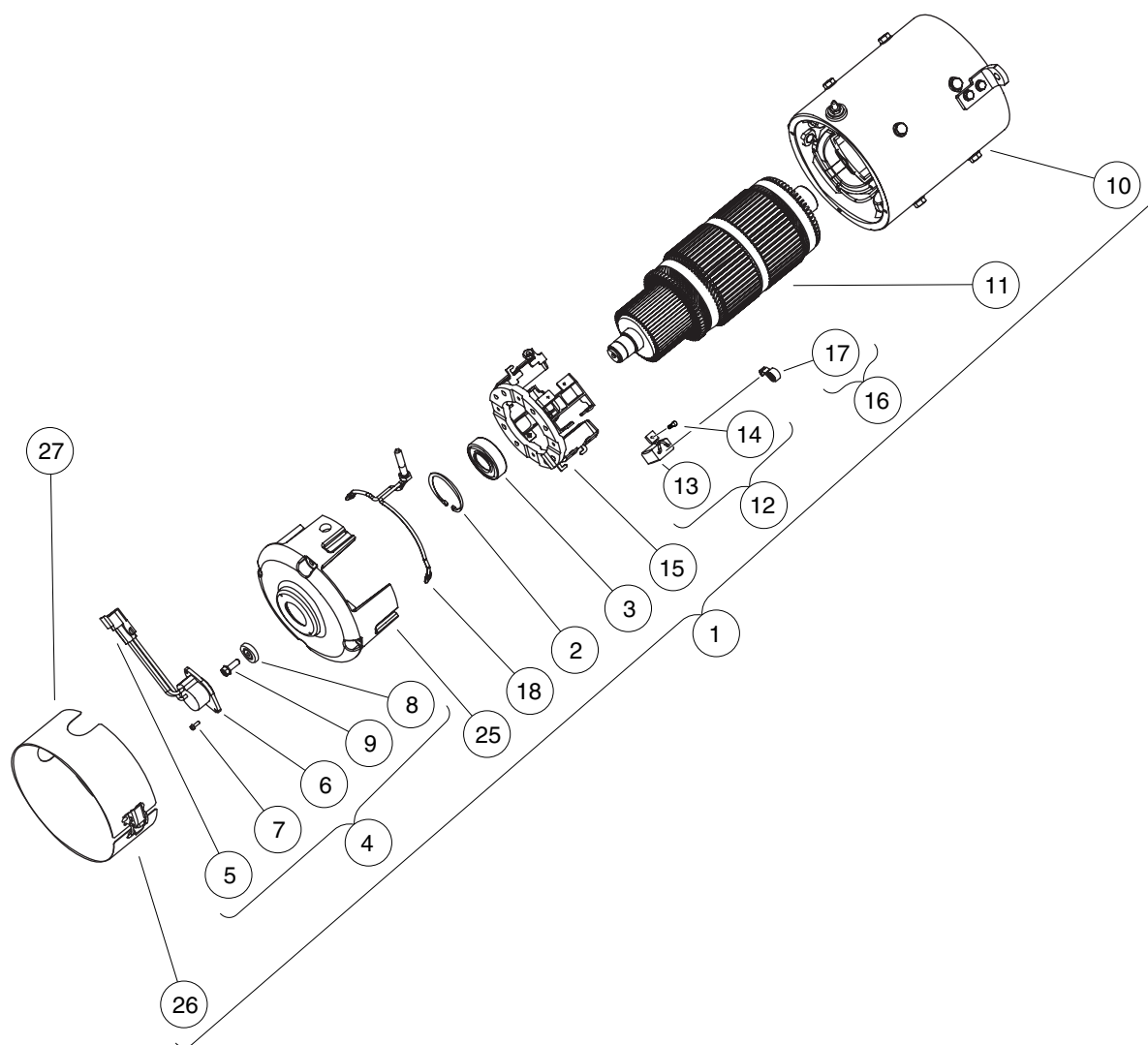
000758-001

DRIVE UNIT MOUNTING

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

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000411-003

# ELECTRIC MOTOR (MODEL DA5-4006)

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

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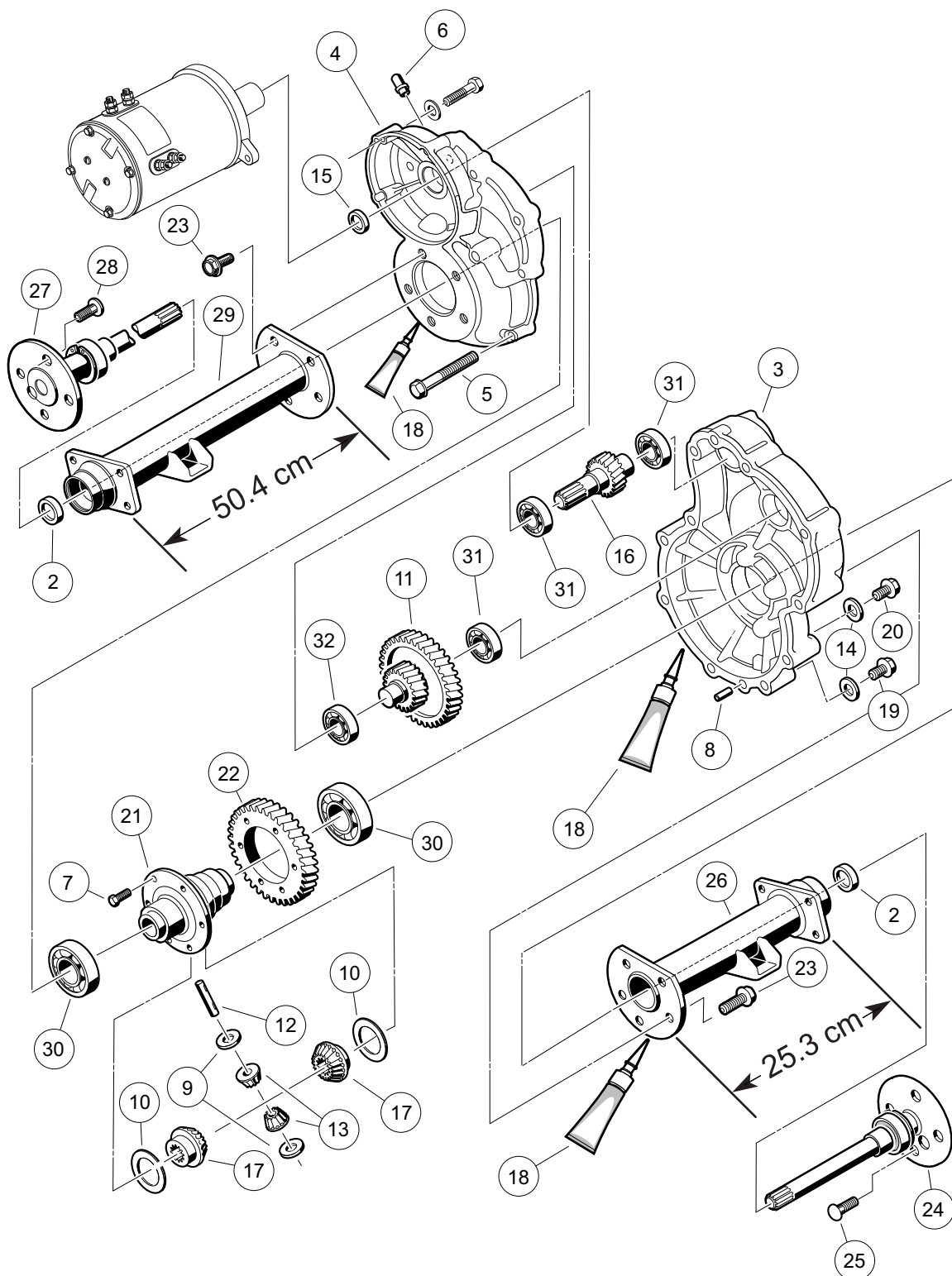


# TRANSAXLE – ELECTRIC VEHICLE

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000223-002

## TRANSAXLE – (TYPE G)

| 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) .....                    | 1   |
| 19   | 101972101 | Plug, M14-1.5 X 12mm Magnetic .....                     | 1   |
| 20   | 101972201 | Plug, M14-1.5 X 12mm Hex .....                          | 1   |
| 21   | 102356601 | Housing, Differential, 6 Bolt .....                     | 1   |
| 22   | 102356801 | Gear, Differential Output, 6-Bolt .....                 | 1   |
| 23   | 102357001 | Screw, Flg Hd M10 X 1.5 X 30 .....                      | 10  |
| 24   | 102886301 | Axle Assembly, Driver-Side (includes item 25) .....     | 1   |
| 25   | 101922201 | Lug Stud .....                                          | 4   |
| 26   | 102886401 | Tube, Axle, Driver-Side .....                           | 1   |
| 27   | 102886501 | Axle Assembly, Passenger-Side (includes item 28) .....  | 1   |
| 28   | 101922201 | Lug Stud .....                                          | 4   |
| 29   | 102886601 | Tube, Axle, Passenger-Side .....                        | 1   |
| 30   | 7330      | Inner Axle Tube Bearing .....                           | 2   |
| 31   | 7335      | Bearing .....                                           | 3   |
| 32   | 7336      | Bearing .....                                           | 1   |

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# BATTERY CHARGER

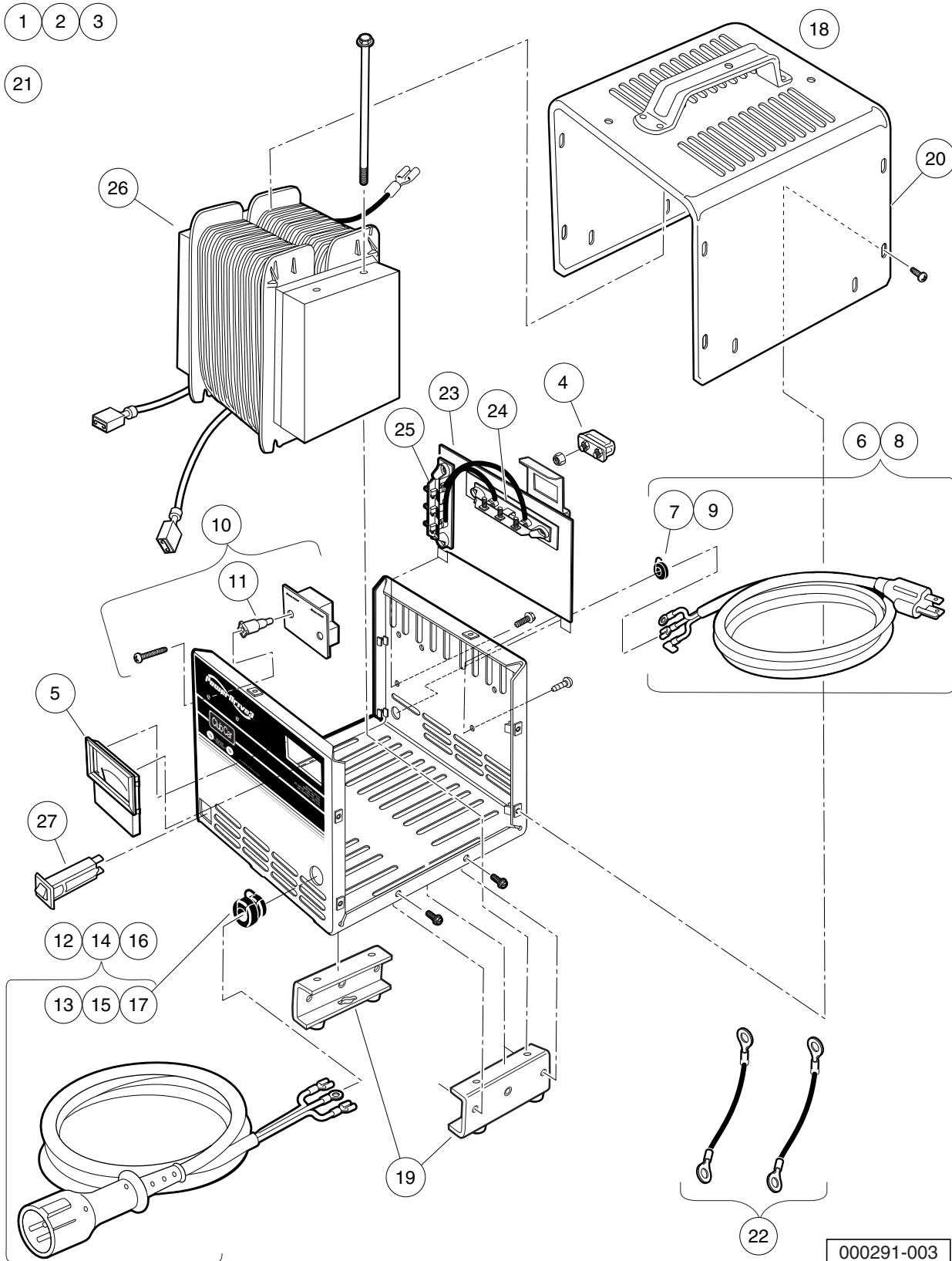
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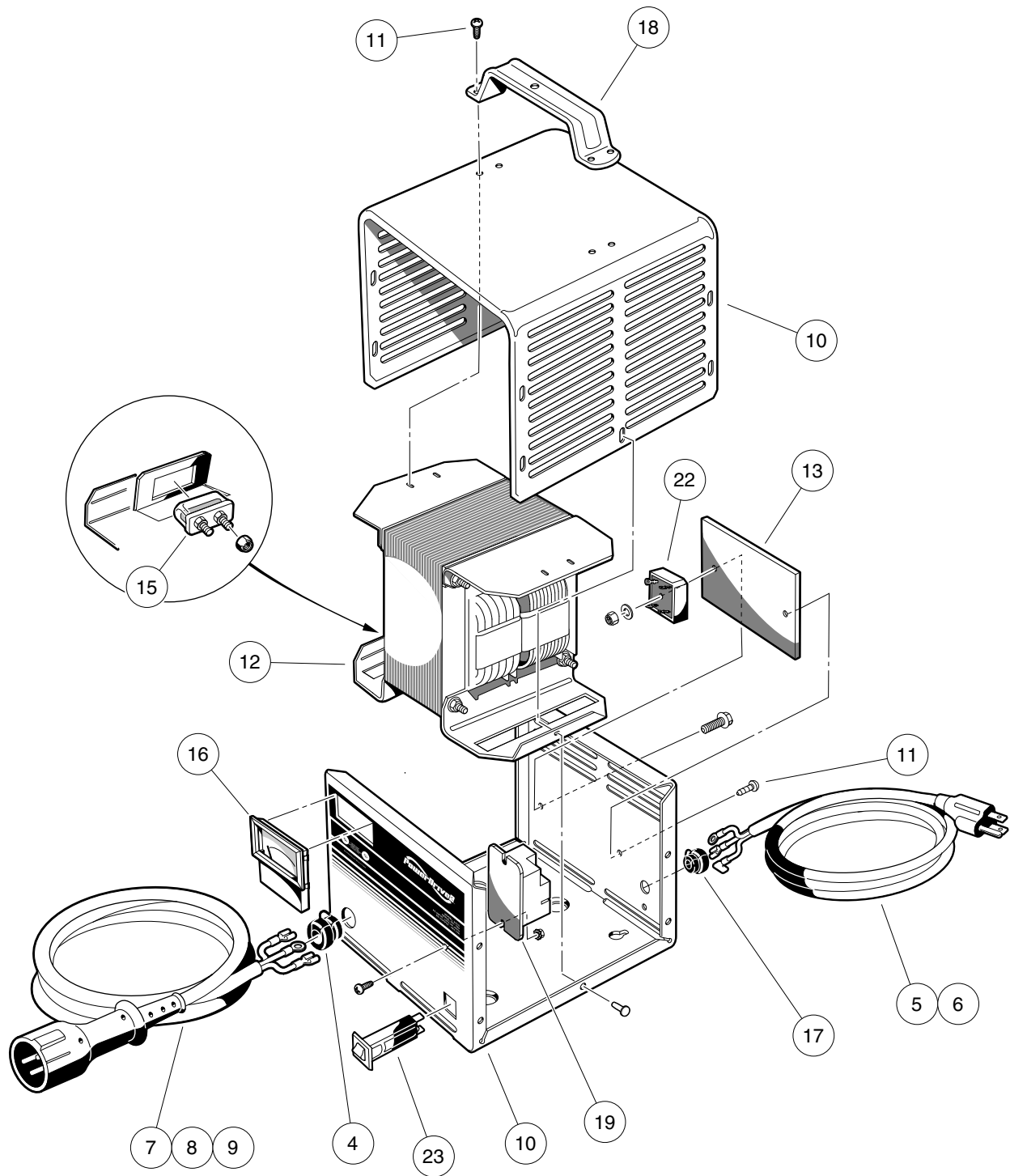
000291-003

# 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   | 103513001 | Wire Asm Kit Blk Pd3 .....                                    | 1   |
| 23   | 103517401 | Kit Pd3 Button Diode (includes items 24 and 25) .....         | 1   |
| 24   | 103512801 | Asm Diode Top .....                                           | 1   |
| 25   | 103512901 | Asm Diode Side .....                                          | 1   |
| 26   | 103779601 | Transformer, Pd3, Al .....                                    | 1   |
| 27   | CCX8506   | Circuit Breaker, 15-Amp/120-Volt .....                        | 1   |

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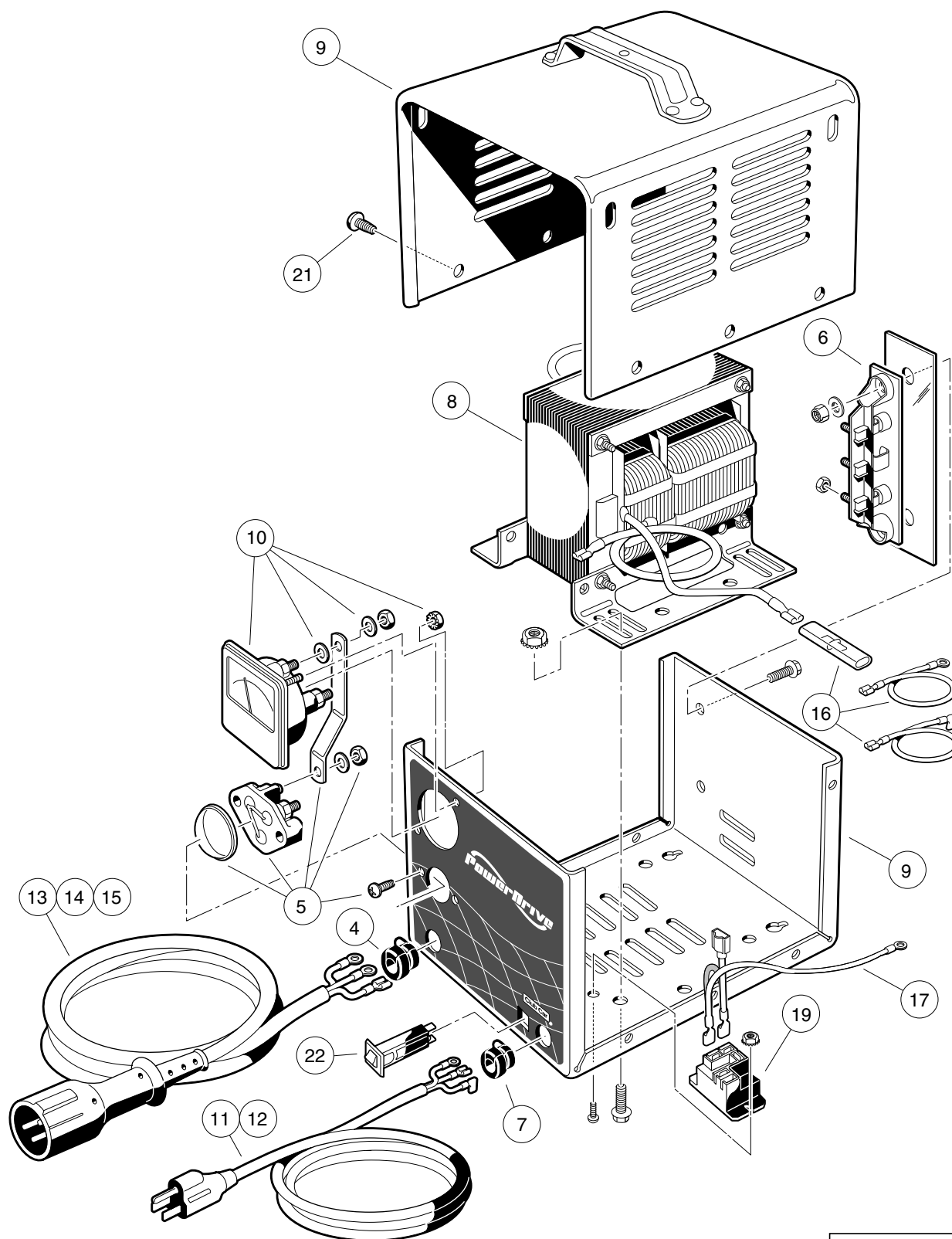
000291-001

# 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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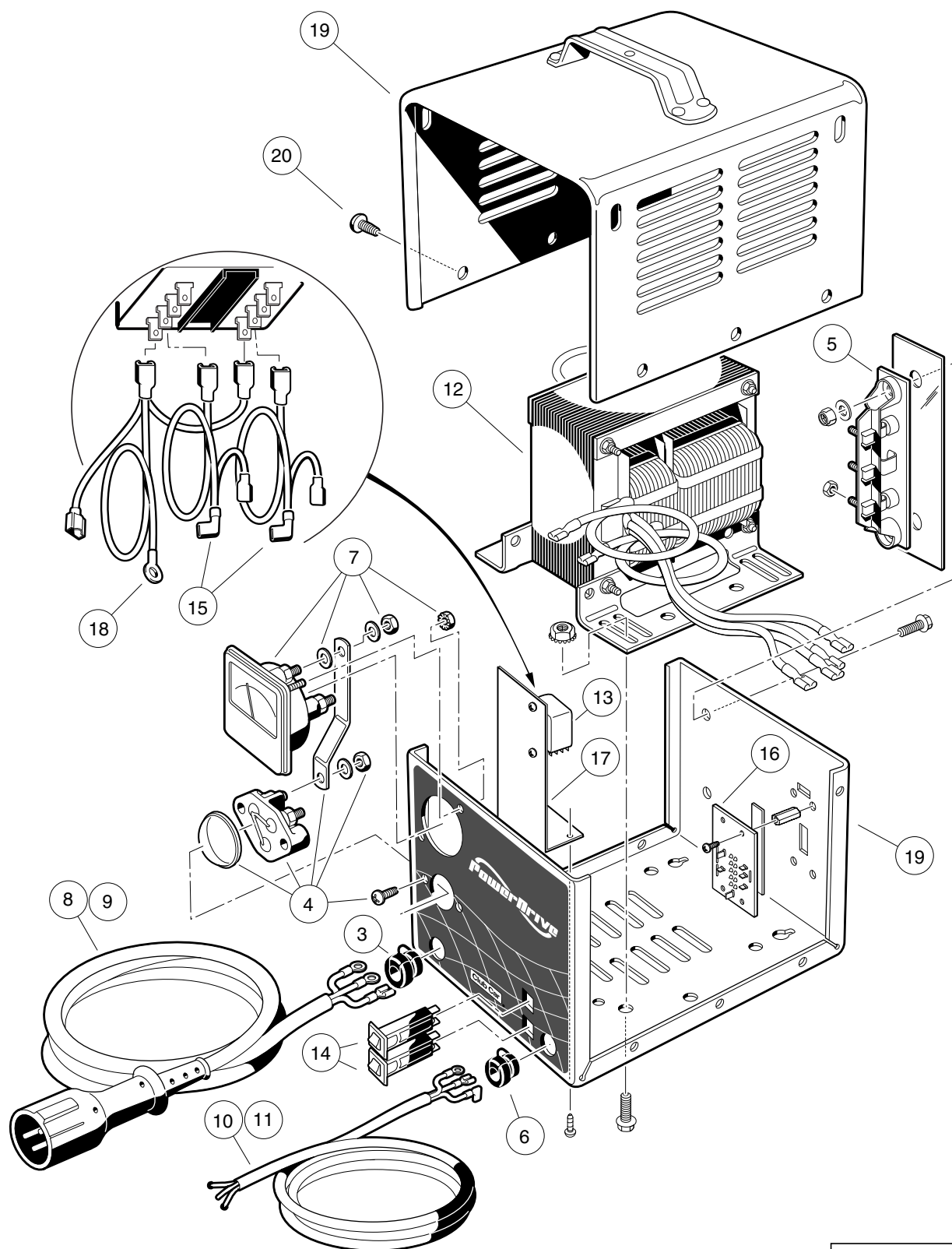
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# POWERDRIVE BATTERY CHARGER (MODEL 17930), DOMESTIC

| 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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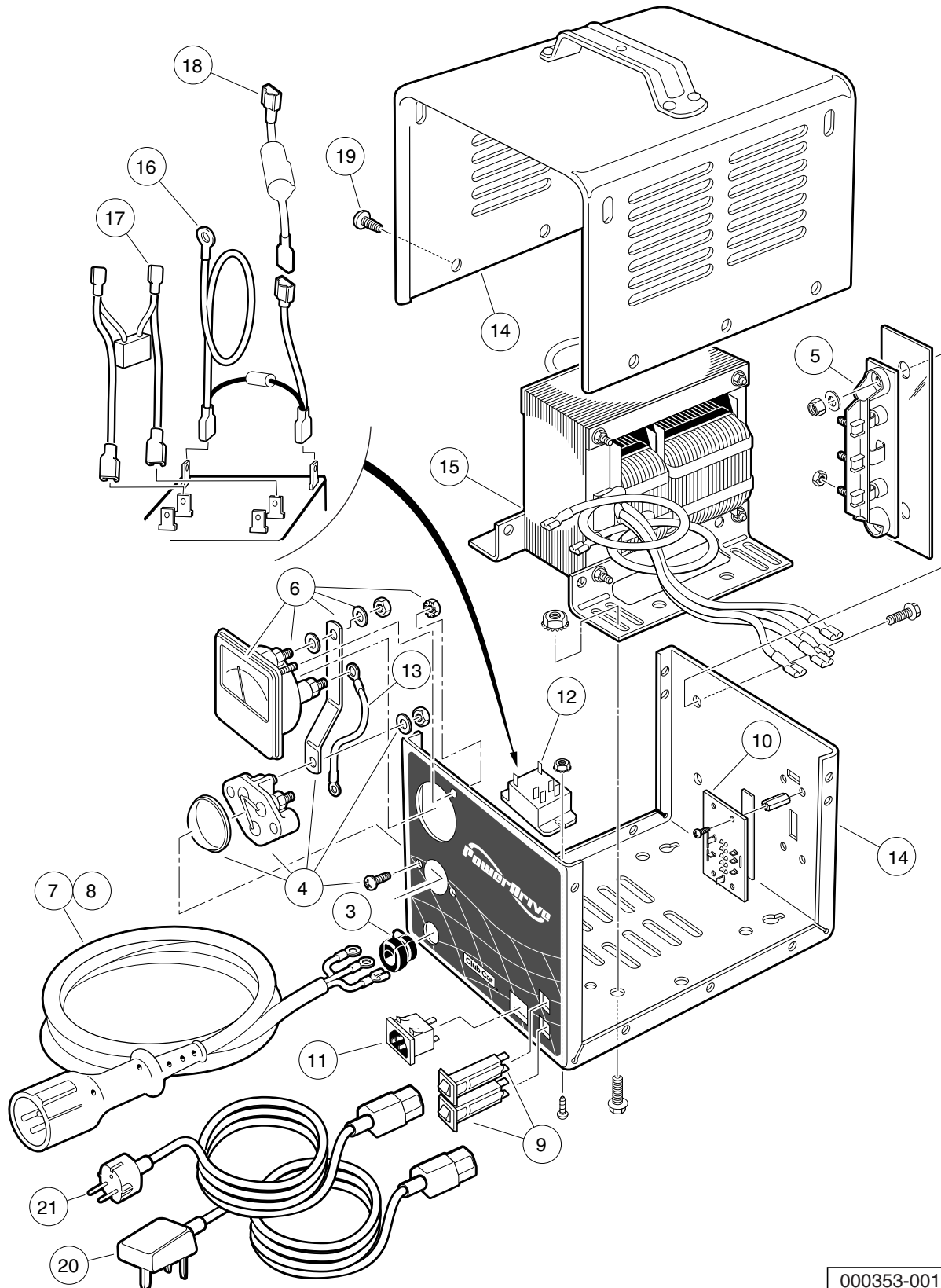
000352-001

# 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                                                                                                                                                                                                | 101831702 | Cord, AC, 118-Inch (203 cm), without Plug .....                                     | 1   |
| 12                                                                                                                                                                                                | 101838201 | Transformer, Export Battery Charger .....                                           | 1   |
| 13                                                                                                                                                                                                | 101838301 | Relay, Export Charger .....                                                         | 1   |
| 14                                                                                                                                                                                                | 101838401 | Circuit Breaker .....                                                               | 2   |
| 15                                                                                                                                                                                                | 101838501 | Kit, Wire Assembly .....                                                            | 1   |
| 16                                                                                                                                                                                                | 101838601 | Four-Position Switch .....                                                          | 1   |
| 17                                                                                                                                                                                                | ****      | Mounting Bracket, Relay .....                                                       | 1   |
| 18                                                                                                                                                                                                | 101914401 | Assembly, Voltage Suppressor .....                                                  | 1   |
| 19                                                                                                                                                                                                | N/A       | Case, Charger .....                                                                 | 1   |
| 20                                                                                                                                                                                                | 7577      | Screw, #10 X 0.50 Phillips Pan-Head .....                                           | 10  |
| <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    | 101828501 | Ammeter .....                                                                                                                      | 1   |
| 7    | 101828901 | Cord, DC, 113-Inch (287 cm) .....                                                                                                  | 1   |
| 8    | 101828902 | Cord, DC, 154-Inch (391 cm) .....                                                                                                  | 1   |
| 9    | 101838401 | Circuit Breaker .....                                                                                                              | 2   |
| 10   | 101838601 | Four-Position Switch .....                                                                                                         | 1   |
| 11   | 101973501 | Receptacle, AC Cord .....                                                                                                          | 1   |
| 12   | 101987501 | Relay .....                                                                                                                        | 1   |
| 13   | N/A       | Wire, Jumper .....                                                                                                                 | 1   |
| 14   | N/A       | Case, Charger .....                                                                                                                | 1   |
| 15   | ****      | Transformer, European Battery Charger .....                                                                                        | 1   |
| 16   | ****      | Suppressor, AC Voltage .....                                                                                                       | 1   |
| 17   | ****      | Assembly, Wire .....                                                                                                               | 1   |
| 18   | ****      | Limiter, Current .....                                                                                                             | 1   |
| 19   | 7577      | Screw, #10 X 0.50 Phillips Pan-Head .....                                                                                          | 10  |
| 20   | 101958201 | Cord, UK, AC, Battery Charger .....                                                                                                | 1   |
| 21   | 101958301 | Cord, European AC, Battery Charger .....                                                                                           | 1   |
|      |           | **** Special order item available upon request.                                                                                    |     |
|      |           | Note: Level 1 Battery Charger part numbers include one AC and one DC cord.<br>They do not include all of the level 2 cords listed. |     |

16

E



# MAINTENANCE AND SERVICE TOOLS

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**17**

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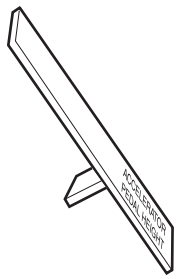
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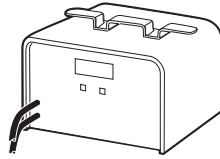
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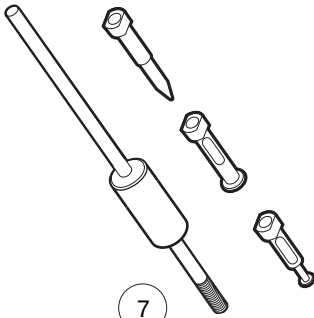
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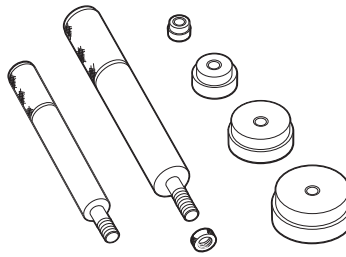
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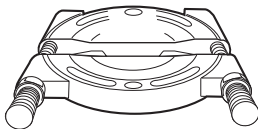
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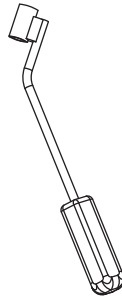
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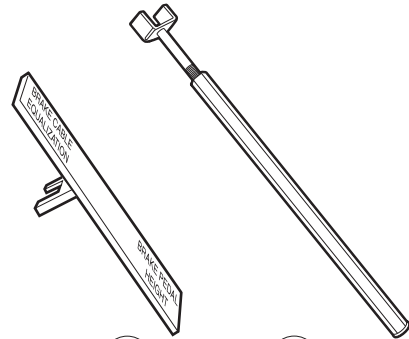
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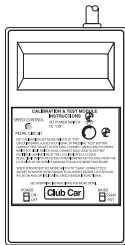
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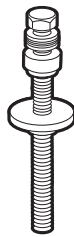
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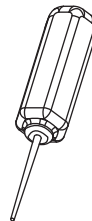
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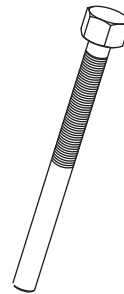
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18



19

# MAINTENANCE AND SERVICE TOOLS

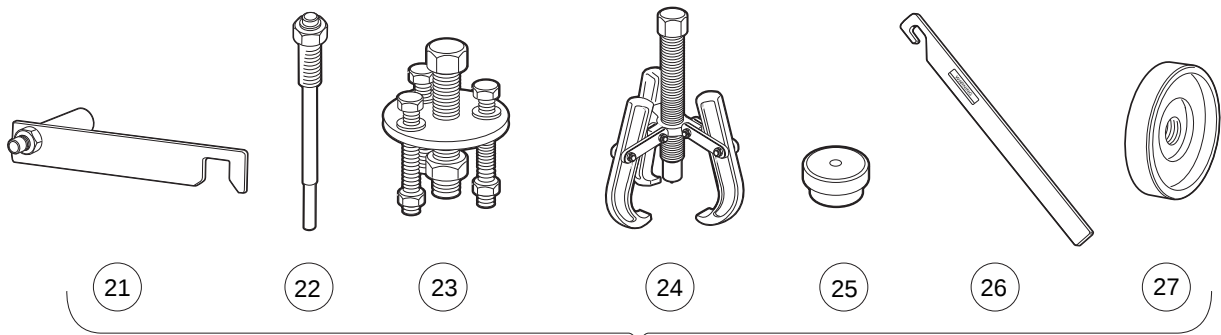
| ITEM | PART NO.  | DESCRIPTION                                                                                                                                                                                                                                                                                             | QTY<br>DIESEL | QTY<br>GAS | QTY<br>ELEC | 17<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                                                                                                                                                                   |               |            |             |                   |

17

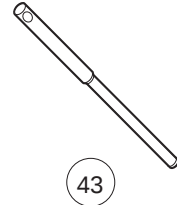
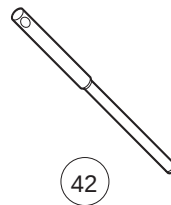
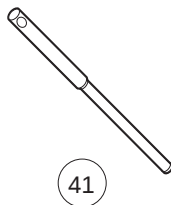
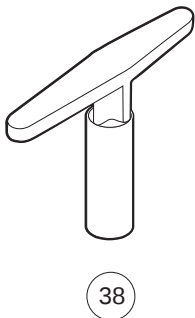
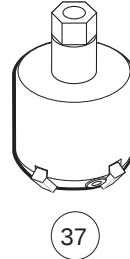
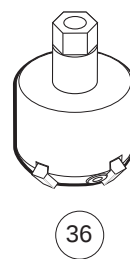
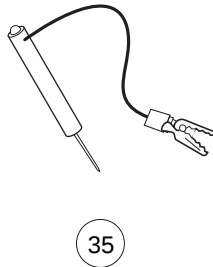
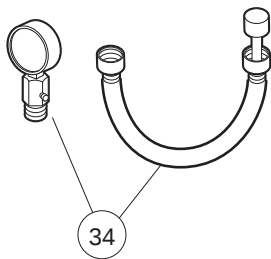
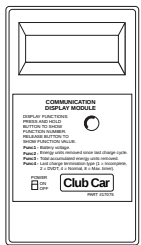
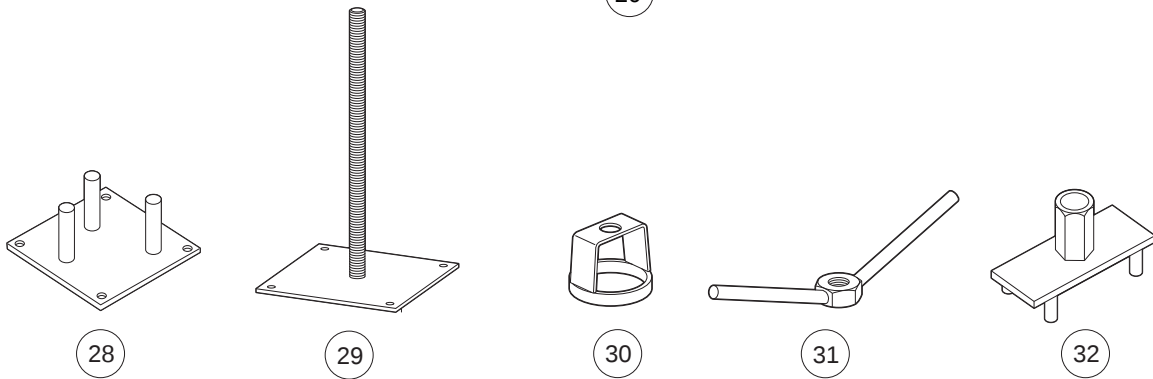
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# MAINTENANCE AND SERVICE TOOLS, CONTINUED

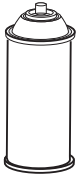
| ITEM | PART NO.  | DESCRIPTION                                                                                         | QTY<br>DIESEL | QTY<br>GAS | QTY<br>ELEC | 17<br>G<br>E<br>D |
|------|-----------|-----------------------------------------------------------------------------------------------------|---------------|------------|-------------|-------------------|
|      |           | <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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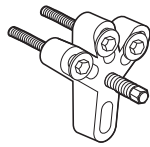
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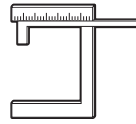
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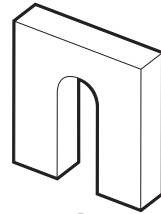
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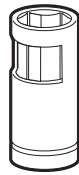
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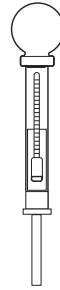
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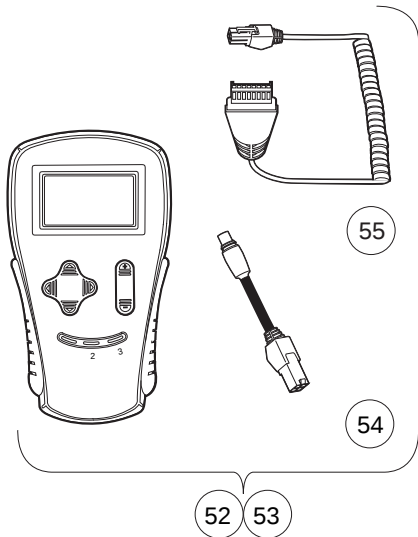
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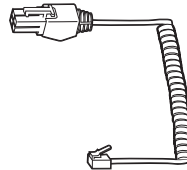


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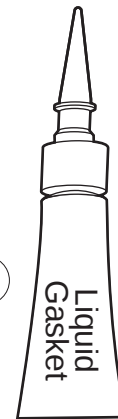


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# MAINTENANCE AND SERVICE TOOLS, CONTINUED

| ITEM | PART NO.  | DESCRIPTION                                                                                                                                                                                          | QTY<br>DIESEL | QTY<br>GAS | QTY<br>ELEC | 17<br>G<br>E<br>D |
|------|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|-------------|-------------------|
|      |           | 1 2 3 4                                                                                                                                                                                              |               |            |             |                   |
| 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           |                   |
|      |           | <br>Please refer to the maintenance and service manual<br>for proper tool application.<br><br>* Item 59 is not for use on Surlyn <sup>®</sup> body material, which is used<br>on Precedent vehicles. |               |            |             |                   |

17

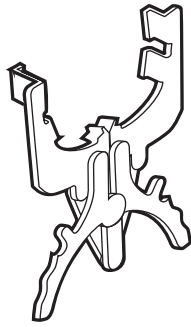
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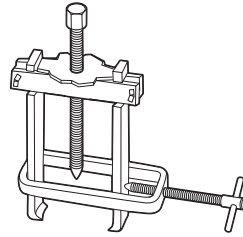
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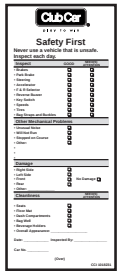
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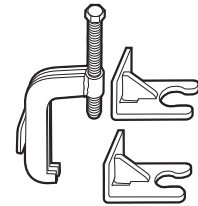
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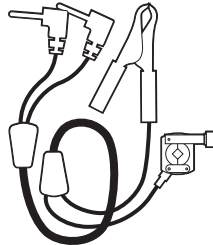
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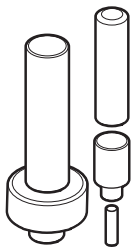
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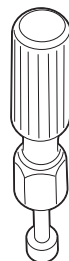
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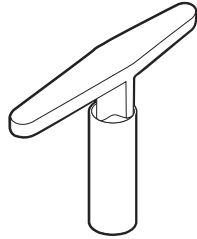
86

# MAINTENANCE AND SERVICE TOOLS, CONTINUED

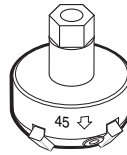
| ITEM | PART NO.  | DESCRIPTION                                                                                                                        | QTY<br>DIESEL | QTY<br>GAS | QTY<br>ELEC | 17 |
|------|-----------|------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|-------------|----|
|      |           | 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          |             |    |



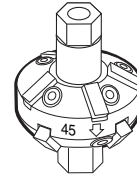
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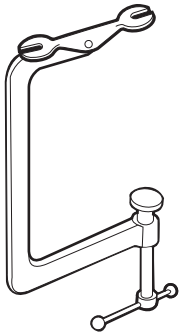
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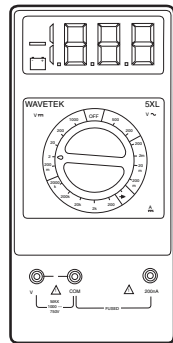
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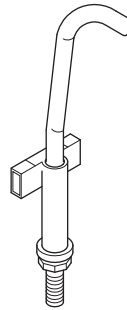
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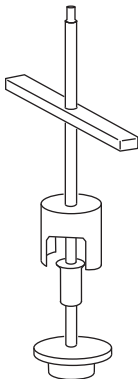
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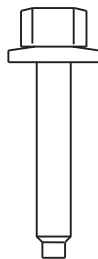
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## MAINTENANCE AND SERVICE TOOLS, CONTINUED

| ITEM                                                                                                                           | PART NO.  | DESCRIPTION                                                            | QTY<br>DIESEL | QTY<br>GAS | QTY<br>ELEC | 17 |
|--------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------|---------------|------------|-------------|----|
|                                                                                                                                |           | 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           |    |
| 93                                                                                                                             | 102570401 | Tool, Tensioning, Starter Generator (For Precedent vehicles) .....     |               | 1          |             |    |
| 94                                                                                                                             | 103601401 | Puller, Drive Clutch, XRT 950* .....                                   |               | 1          |             |    |
| 95                                                                                                                             | 103601701 | Tool, Disassembly, Driven Clutch, XRT 950 .....                        |               | 1          |             |    |
| 96                                                                                                                             | 103600501 | Screw, Driven Clutch Disassembly, M6, XRT 950 .....                    |               | 1          |             |    |
| <p>*Note: The XRT 950 Drive Clutch Puller requires the use of Screw, Driven Clutch Disassembly, CCI Part Number 103600501.</p> |           |                                                                        |               |            |             |    |



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