



**2005-2006
Precedent Golf Car
Illustrated Parts List**



Gasoline and Electric Vehicles

Manual Number 102680301
Edition Code 0406T0112R

USING THE ILLUSTRATED PARTS LIST

WARNING

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

This manual covers all 2005 and 2006 Club Car® Precedent® Professional and Champion vehicles.

The manual is divided into 17 sections. Sections 1 through 5 pertain to both gasoline and electric vehicles, sections 6 through 12 pertain to gasoline vehicles only, sections 13 through 16 pertain to electric vehicles only, and section 17 pertains to tools that are used on all Club Car products. Note that there are two or three flags on the outside edge of each page. The first flag contains the section number of which that page is a part. The other flag (or flags) contains either the letter G or E, signifying that the page pertains to either the gasoline or electric vehicle only, or to both the gasoline and electric vehicles.

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

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

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

HOW TO ORDER PARTS

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



P. O. Box 204658
Augusta, Georgia 30917-4658 USA
Telephone 706-863-3000
Service Parts Fax 706-855-7413
www.clubcar.com

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

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

CONTENTS

SECTION 1 – BODY AND TRIM

Front Bumper	1-3
Front Body	1-5
Dash – Style A	1-7
Floor Mat, Retainer, and Front Underbody – Style B	1-9
Kick Plate – Gasoline Vehicle	1-11
Kick Plate – Electric Vehicle	1-13
Seat with Hip Restraints	1-15
Backrest and Structural Accessory Module (SAM)	1-17
Rear Body	1-19
Bagwell Liner	1-21
Underbody Covers (Vehicle Without Canopy)	1-23
Canopy Snap-In Drain Cover	1-25
Canopy – Beige	1-27
Canopy – White	1-29
Rear Seat – Precedent Villager 4	1-31
Rear Footrest Assembly – Precedent Villager 4	1-33
Four Passenger Conversion Kit – Beige	1-35
Four Passenger Conversion Kit – White	1-37
Four Passenger Conversion Kit – Gray	1-39

SECTION 2 – WHEEL AND TIRES

Wheels and Tires – Professional	2-3
Wheels and Tires – Champion	2-5

SECTION 3 – DECALS

Decals – Gasoline Vehicle	3-3
Decals – Electric Vehicle	3-5
Decal – Precedent Villager 4	3-7

SECTION 4 – BRAKES AND PEDAL GROUP ASSEMBLIES

Rear Brake Assembly, Self-Adjusting	4-3
Brake Cables	4-5
Pedal Group Connections – Gasoline Vehicle	4-7
Pedal Group Connections – Electric Vehicle	4-9
Pedal Group Components – Gasoline Vehicle	4-11
Pedal Group Components – Electric Vehicle	4-13

CONTENTS

SECTION 5 – STEERING, FRONT AND REAR SUSPENSION

Steering Wheel – Champion	5-3
Steering Wheel – Professional	5-5
Steering Column	5-7
Steering Column – Electric Vehicles	5-9
Steering Gear Assembly	5-11
Front Suspension, Upper	5-13
Front Suspension, Lower	5-15
Rear Suspension – Gasoline Vehicle	5-17
Rear Suspension – Electric Vehicle	5-19
Rear Suspension – Precedent Villager 4	5-21

SECTION 6 – ELECTRICAL SYSTEM – GASOLINE VEHICLE

Electrical Components, Front Body – Gasoline Vehicle	6-3
Battery – Gasoline Vehicle	6-5
Wiring – Gasoline Vehicle	6-9
Instrument Panel Wire Harness	6-13
Starter/Generator Assembly Model G425419 – Gasoline Vehicles	6-15
Starter/Generator Mounting – FE290	6-17
Starter/Generator Mounting – FE350	6-19

SECTION 7 – FE290 ENGINE

FE290 Engine – Shrouds and Brackets	7-3
FE290 Engine – Ignition Components and Flywheel	7-5
FE290 Engine – Oil Circulation	7-7
FE290 Engine – Cylinder Head	7-9
FE290 Engine – Crankcase, Camshaft, and Oil Sensor	7-11
FE290 Engine – Crankcase and Crankshaft	7-13
FE290 Engine Mounting	7-15

SECTION 8 – AS11 FE350 ENGINE

AS11 FE350 Engine without ACR (Automatic Compression Release) – Shrouds and Brackets	8-3
AS11 FE350 Engine – Ignition Components and Flywheel	8-5
FE350 Engine – Oil Circulation	8-7
AS11 FE350 Engine – Cylinder Head	8-9
AS11 FE350 Engine without ACR – Crankcase, Camshaft, and Oil Sensor	8-11
AS11 FE350 Engine – Crankcase and Crankshaft	8-13
FE350 Engine Mounting	8-15

CONTENTS

SECTION 9 – FUEL, INTAKE, AND GOVERNOR SYSTEMS

Fuel System	9-3
Carburetor Assembly – FE290	9-5
Carburetor Assembly – FE350	9-7
Carburetor Installation – FE290	9-9
Carburetor Installation – FE350	9-11
Governor and Accelerator Cables	9-13
Choke and Air Box Assembly	9-15

SECTION 10 – EXHAUST SYSTEM

Exhaust System – FE290	10-3
Exhaust System – FE350	10-5

SECTION 11 – TORQUE CONVERTER

Drive Clutch	11-3
Drive Belt – FE290	11-5
Driven Clutch	11-7

SECTION 12 – UNITIZED TRANSAXLE

Unitized Transaxle – Gear Cases and Brackets	12-3
Unitized Transaxle – F&R Transmission and Gear Reduction – Earlier Version	12-5
Unitized Transaxle – F&R Transmission and Gear Reduction – Later Version	12-7
Unitized Transaxle – Differential and Axles	12-9
Forward/Reverse Shifter Assembly – Gasoline Vehicle	12-11
Transmisssion Cable – 2005 Vehicle	12-13
Transmission Cable – 2006 Vehicle	12-15

SECTION 13 – ELECTRICAL SYSTEM – ELECTRIC VEHICLE

Electrical Components, Front Body – Electric Vehicle	13-3
Wiring – Electric Vehicle	13-7
Forward/Reverse Switch and Tow/Run Switch – Electric Vehicle	13-9
Single Point Watering System	13-11
Batteries, Bucket, and Charger Receptacle – Electric Vehicle	13-13
Computer, Controller, and Solenoid – Electric Vehicle	13-15

SECTION 14 – ELECTRIC MOTOR

Motor (Model 5BC59JBS6365) – Electric Vehicle	14-3
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CONTENTS

Motor (Model 5BC59JBS6390) – Electric Vehicle	14-5
Motor (Model EJ4-4001) – Electric Vehicle	14-7
Motor (Model EJ8-4001A) – Electric Vehicle	14-9

SECTION 15 – TRANSAXLE – ELECTRIC VEHICLES

Transaxle – Electric Vehicle (Earlier Version)	15-3
Transaxle – Electric Vehicle (Later Version)	15-5

SECTION 16 – BATTERY CHARGER

PowerDrive 3 Battery Charger, Domestic	16-3
PowerDrive 2 Battery Charger (Model 22110), Domestic	16-5
PowerDrive Battery Charger (Model 17930), Domestic	16-7
PowerDrive Battery Charger (Model 18780), Export	16-9
PowerDrive Battery Charger (Model 20310), European	16-11

SECTION 17 – MAINTENANCE AND SERVICE TOOLS

Maintenance and Service Tools	17-3
Maintenance and Service Tools, Continued	17-5
Maintenance and Service Tools, Continued	17-7
Maintenance and Service Tools, Continued	17-9
Maintenance and Service Tools, Continued	17-11

SECTION i – INDEX

BODY AND TRIM

1

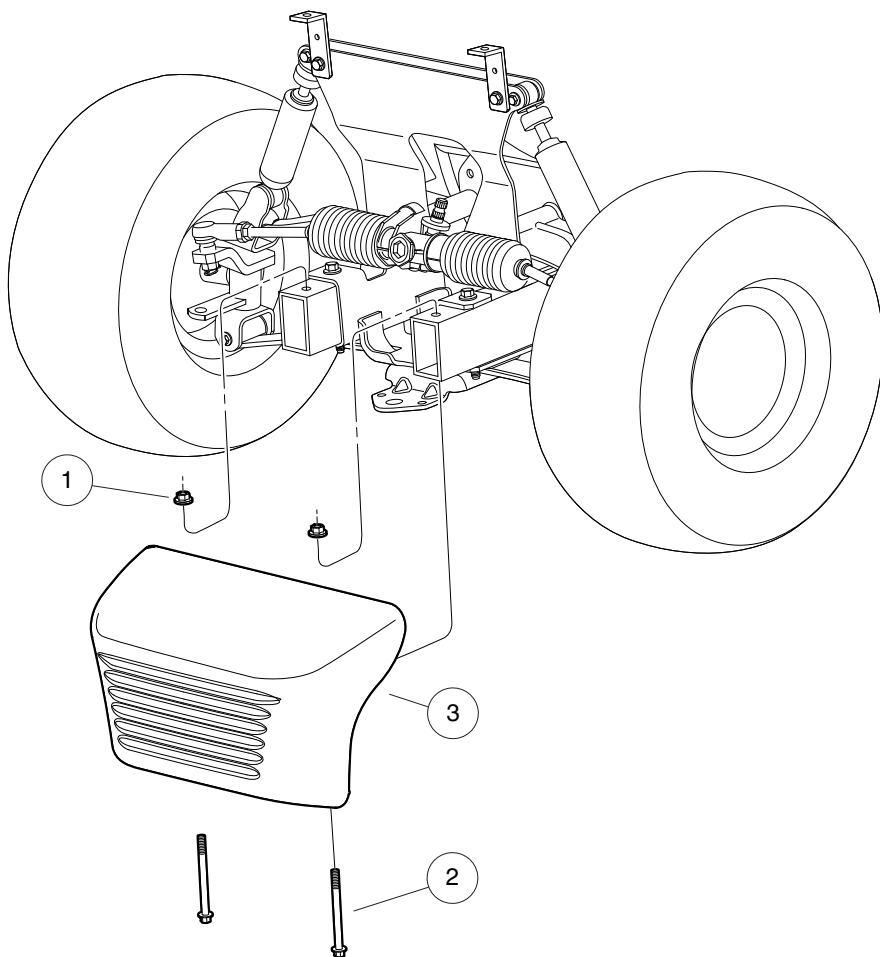
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FRONT BUMPER

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	102298401	Nut,m8,all Metal Lock	2
2	102534201	Bolt - Fl Hd, M8 X 95	2
3	103330601	Asm, Bumper, Front, Precedent	1

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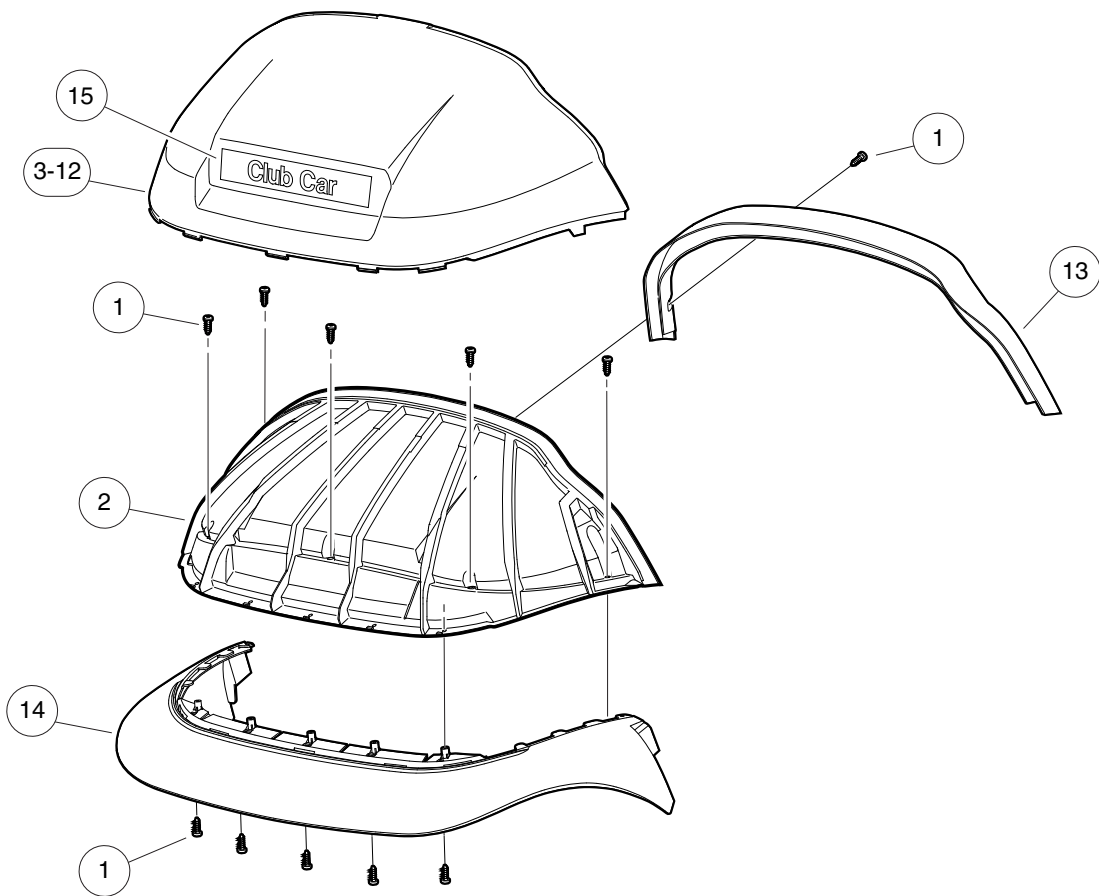
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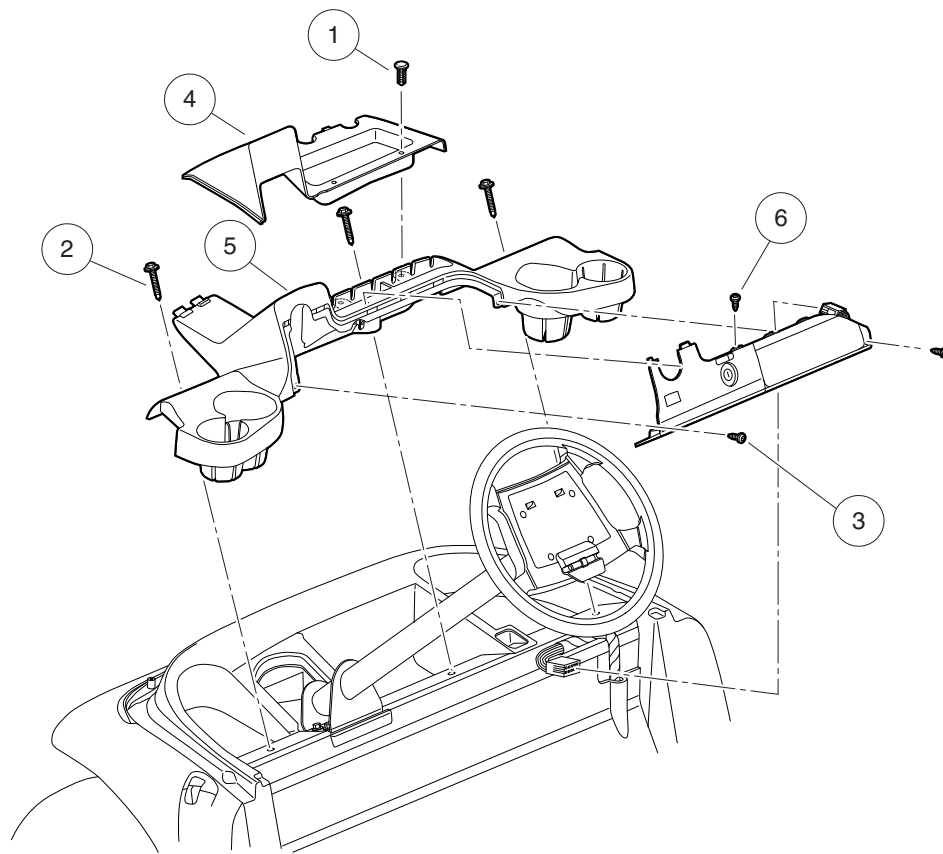
FRONT BODY

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

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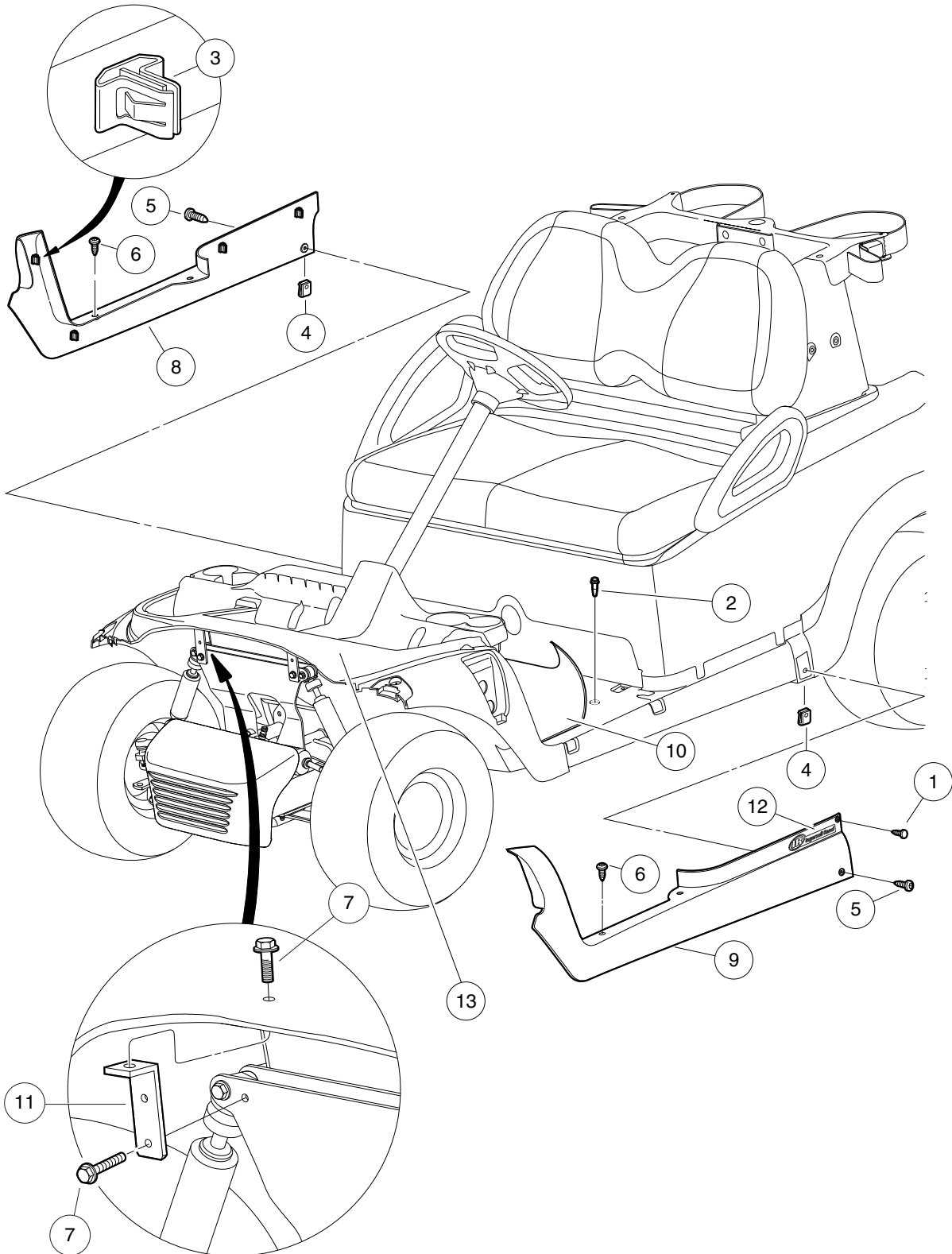
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DASH – STYLE A

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

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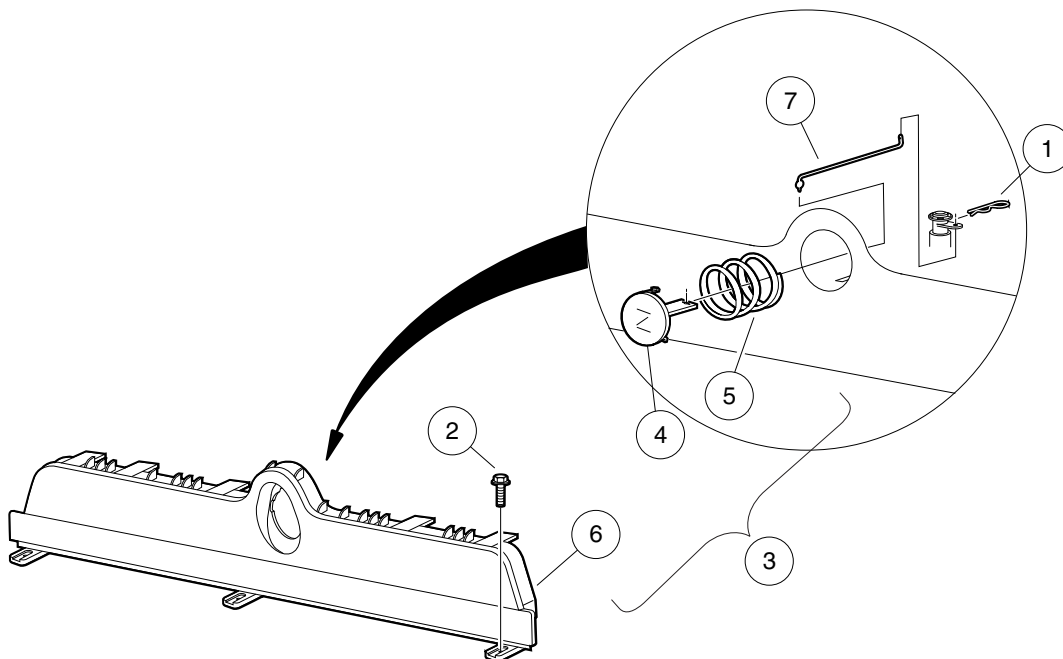
FLOOR MAT, RETAINER, AND FRONT UNDERBODY – STYLE B

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

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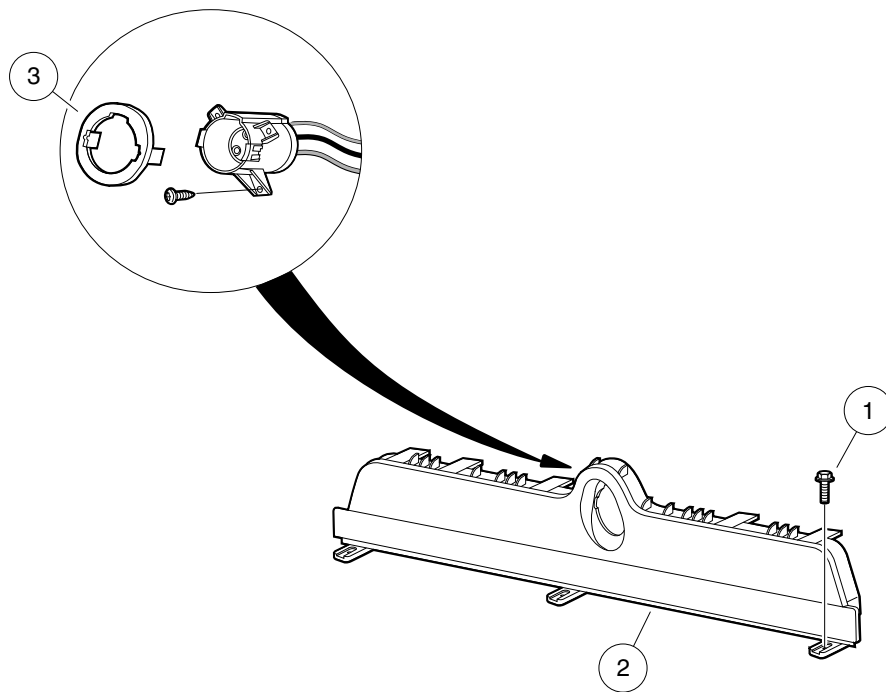
KICK PLATE – GASOLINE VEHICLE

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

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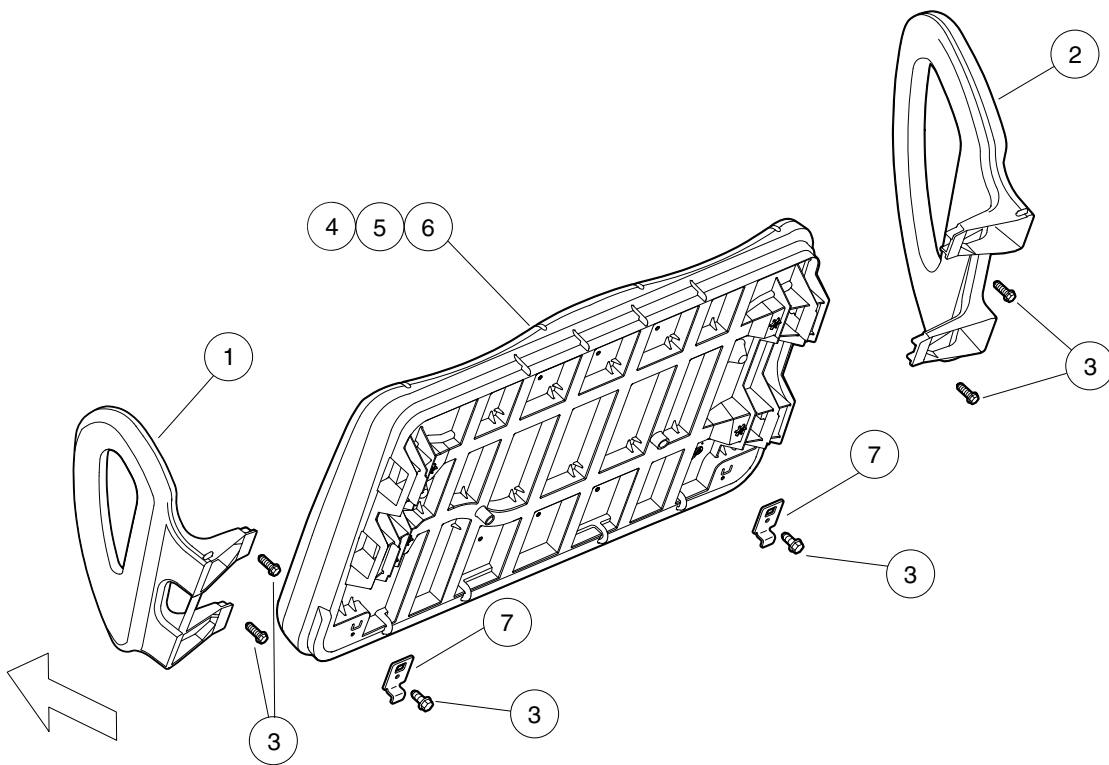
KICK PLATE – ELECTRIC VEHICLE

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

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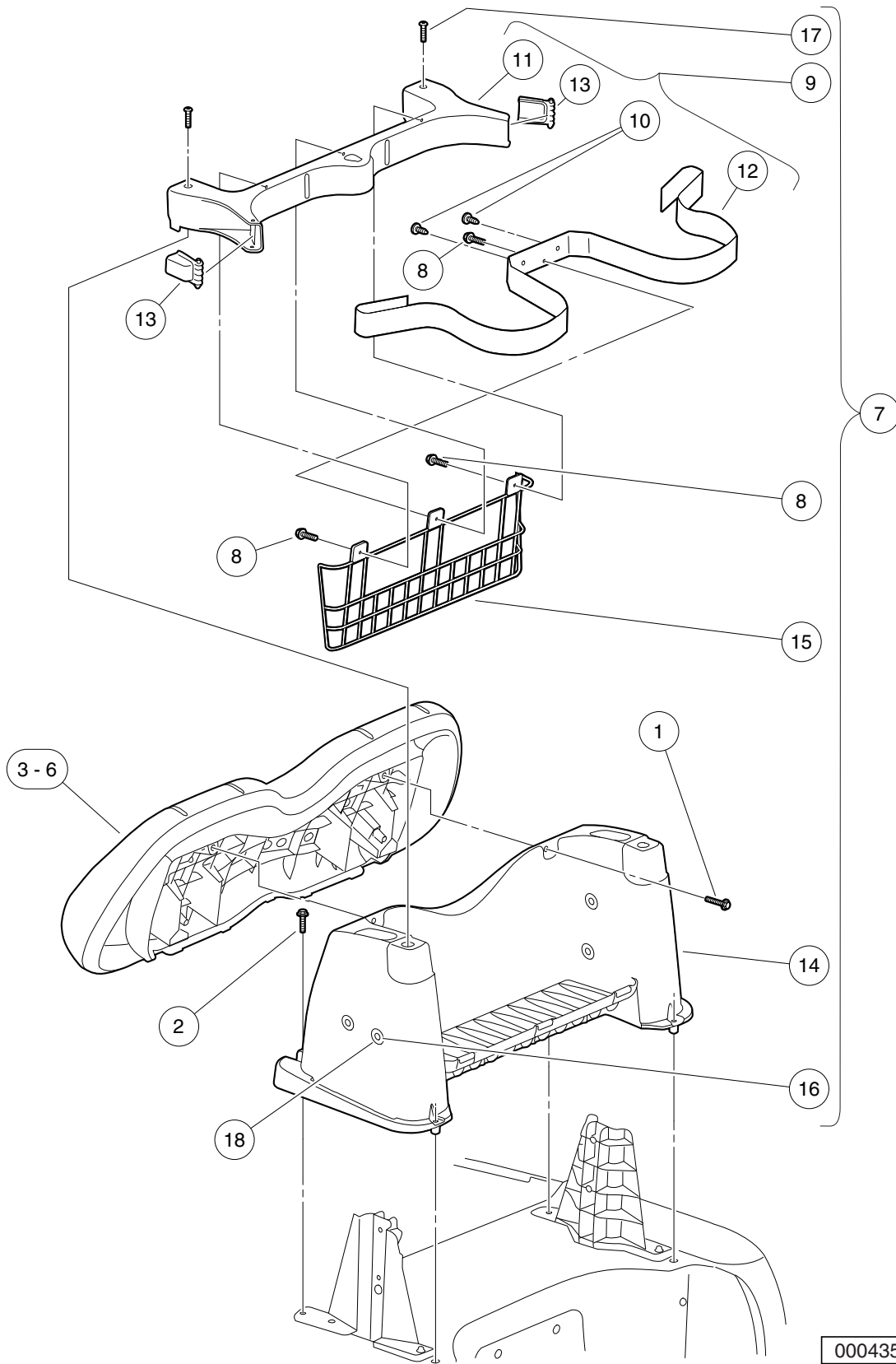
SEAT WITH HIP RESTRAINTS

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

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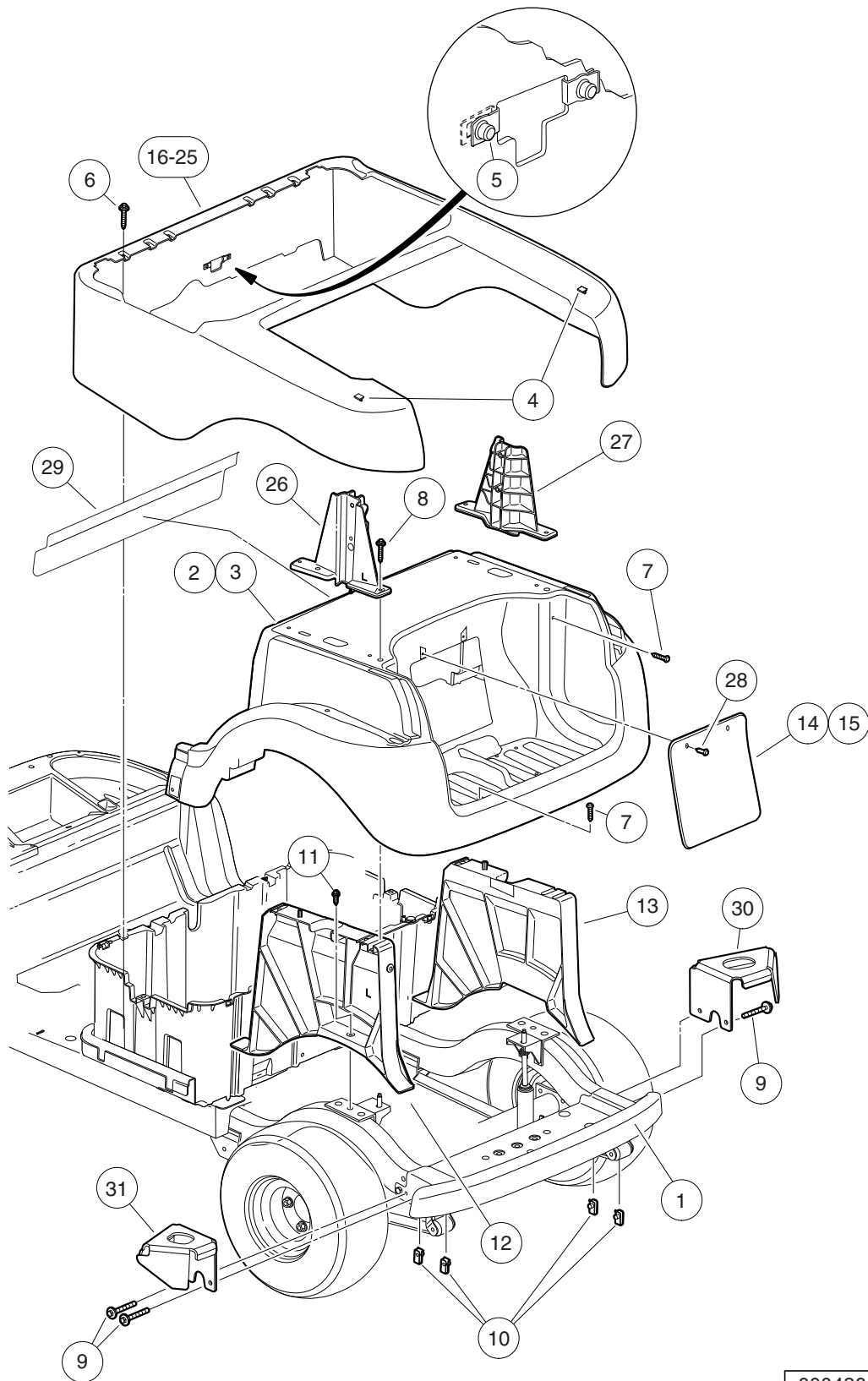
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BACKREST AND STRUCTURAL ACCESSORY MODULE (SAM)

ITEM	PART NO.	DESCRIPTION	QTY	1 G E
		1 2 3 4		
1	<u>102296530</u>	Screw - M6 X 1.0 X 30 Sems	2	
2	<u>102298240</u>	Bolt, Flange Head, M8-1.25 X 40	4	
3	<u>102503221</u>	Service Backrest Asm, Beige	1	
4	<u>102503222</u>	Service Backrest Asm, White	1	
5	<u>102503224</u>	Service Backrest Asm, Gray	1	
6	<u>102503225</u>	Service Backrest Asm-black	1	
7	<u>102503901</u>	Asm-sam (includes items 8 through 17)	1	
8	<u>102297125</u>	Screw M6-1.0x25.4 Thd Fm Sems	3	
9	<u>102504001</u>	Asm-bag Hoop (includes items 10 through 13)	1	
10	<u>1010434</u>	Barrel - Plastic	2	
11	<u>102504201</u>	Hoop-bag	1	
12	<u>102504301</u>	Strap, Bag	1	
13	<u>102517001</u>	Buckle-bag Strap	2	
14	<u>102504101</u>	Structural Accessory Module	1	
15	<u>102504501</u>	Panel, SAM	1	
16	<u>102551701</u>	Insert M6x1.0	4	
17	<u>103327601</u>	Screw, 5/16, Torx, Bosscrew	2	
18	<u>102568701</u>	Barrel - Plastic 6mm	8	

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REAR BODY

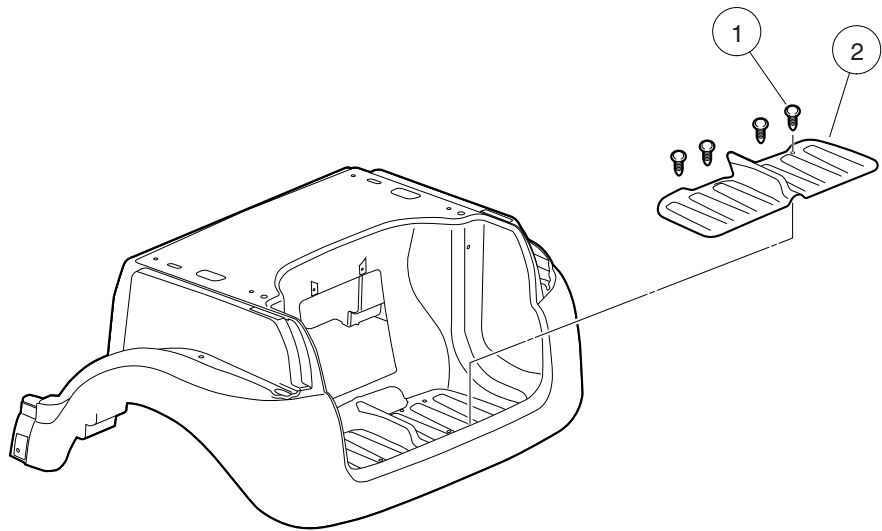
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102279001</u>	Rear Bumper Beam	1
2	<u>102279103</u>	Underbody - Rear, Grey	1
3	<u>102279104</u>	Underbody - Rear, Blk	1
4	<u>102292701</u>	Clip-body-trim	2
5	<u>102296601</u>	U-nut, M6-1.0 Prev Torque	2
6	<u>102297230</u>	Screw,m6,torx,interlock,thread	4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

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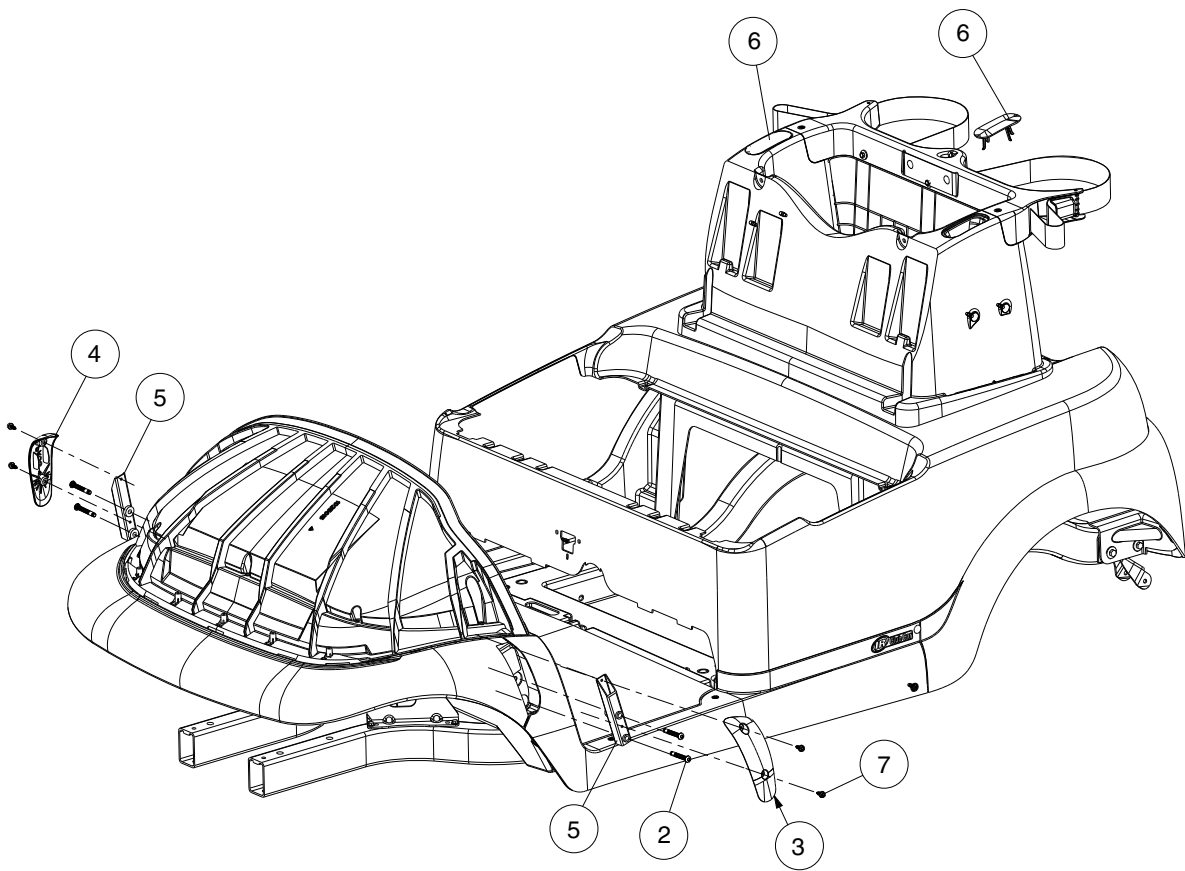
BAGWELL LINER

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

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UNDERBODY COVERS (VEHICLE WITHOUT CANOPY)

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	102543902	Kit, Underbody Cover, Black (includes items 2 through 7)	1
2	102299065	M8-1.25 X 65 Tx Bttn Hd Bolt	4
3	102400202	Cover, Lh Non-canopy, Blk	1
4	102400302	Cover, Rh Non-canopy, Blk	1
5	102544001	Support, Strut Cover	2
6	102544101	SAM Cap	2
7	102544201	Screw, M6 Hex	4
		Note: Sub-components contained in item 8 are the same as those shown for item 1, except for the color of the caps and covers.	

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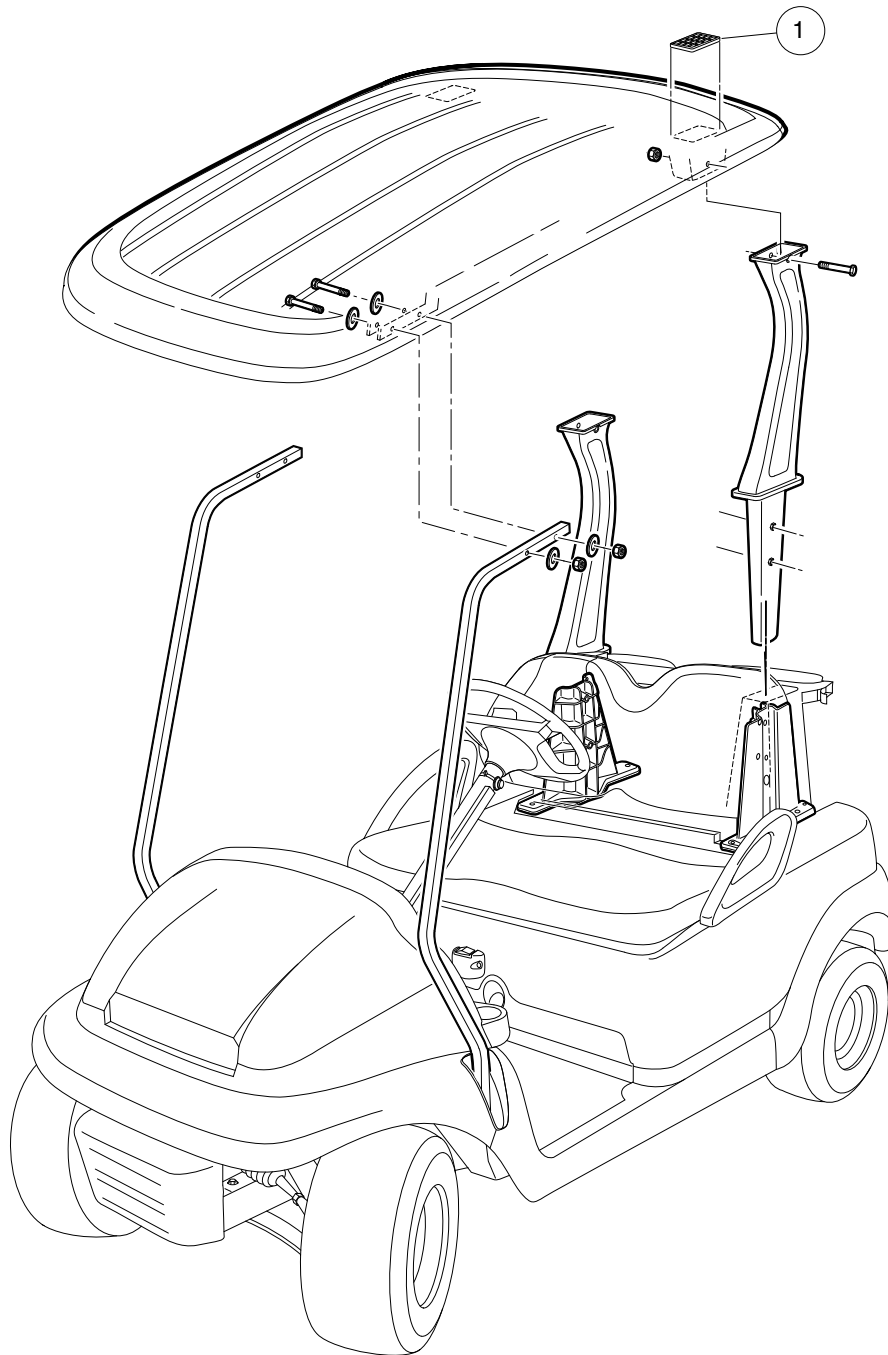
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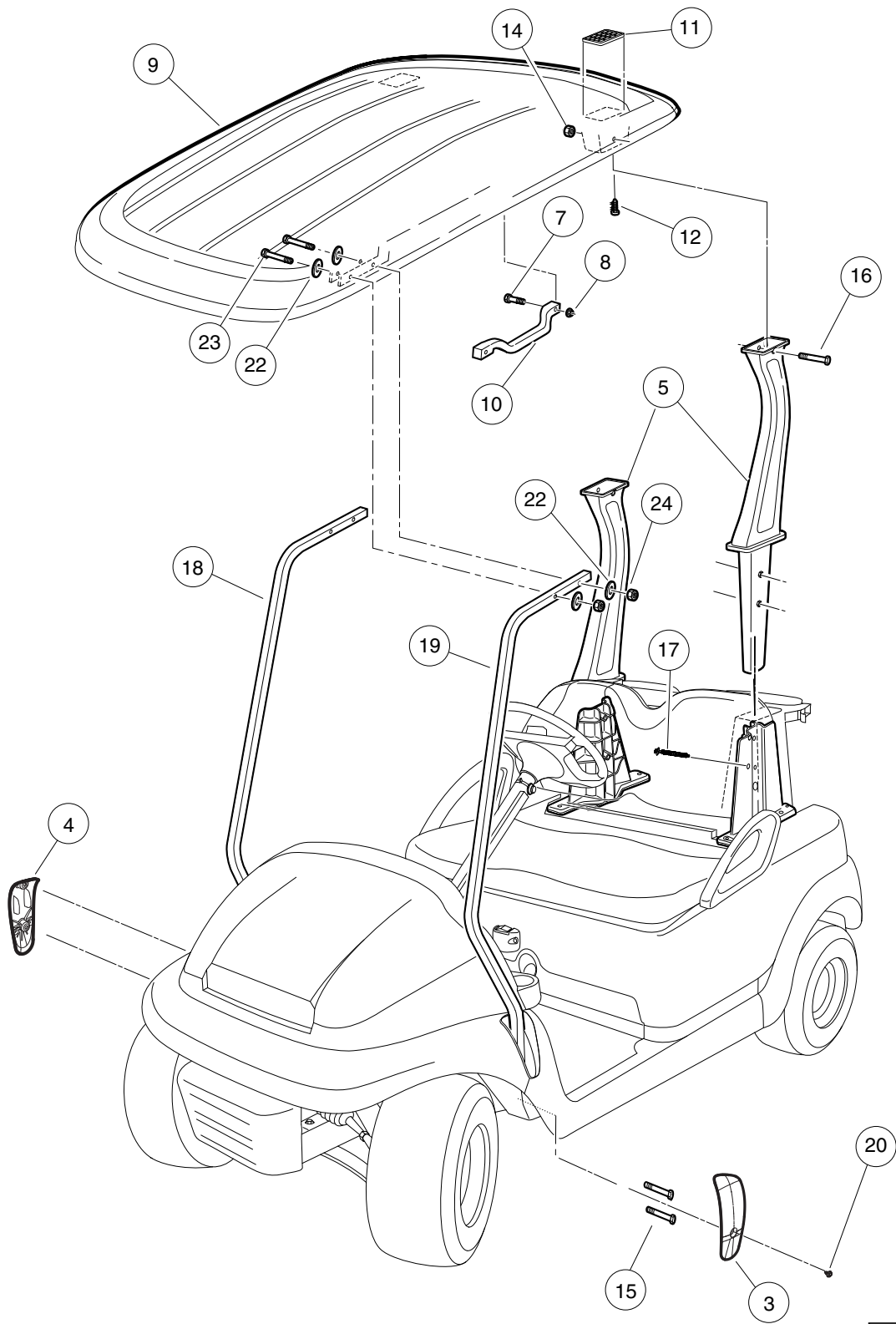
CANOPY SNAP-IN DRAIN COVER

ITEM	PART NO.	DESCRIPTION	QTY
1	<u>102516301</u>	1 2 3 4 Drain Cover (Snap-In) Note: For use on canopies produced prior to mid-2007.	2

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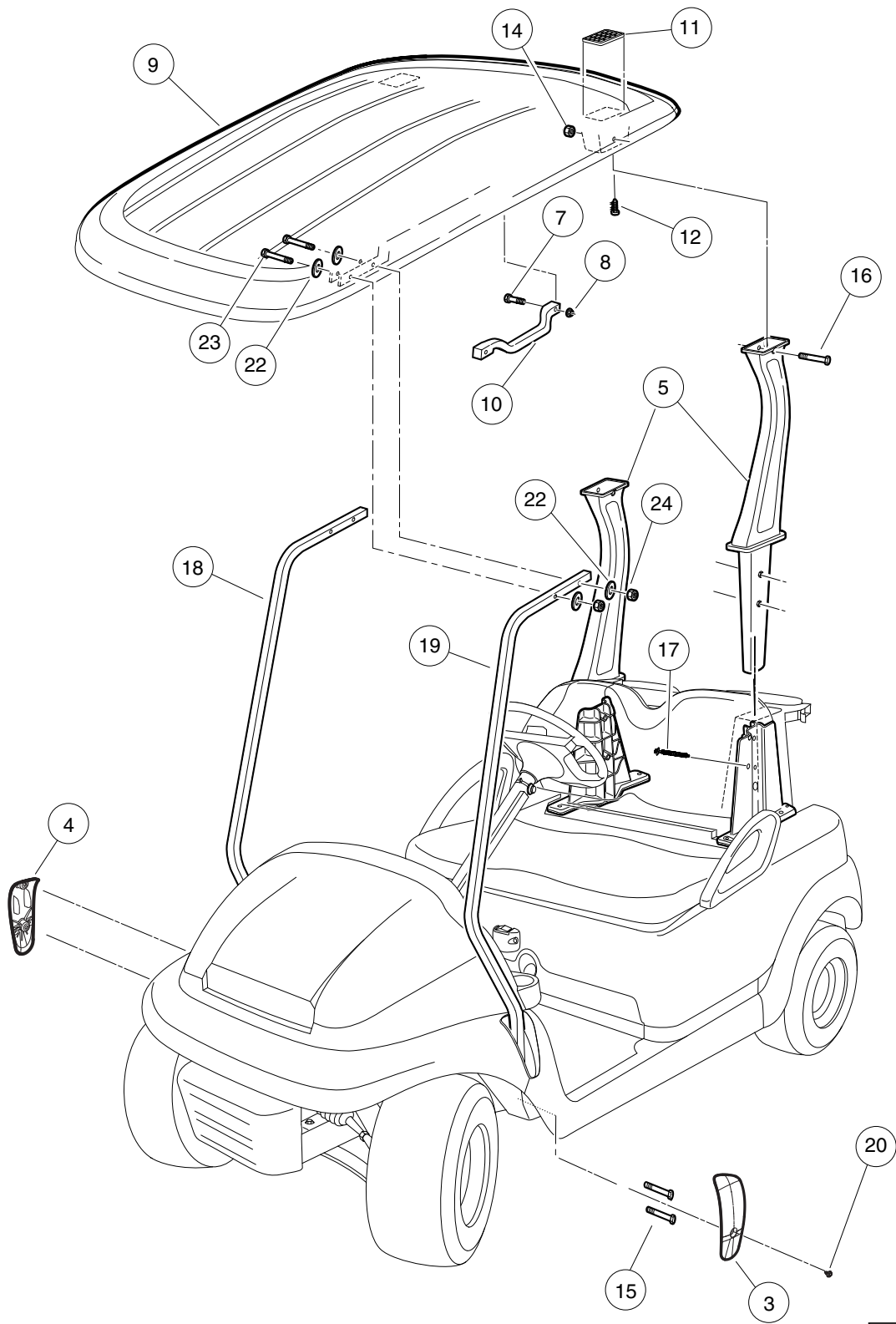
CANOPY – BEIGE

ITEM	PART NO.	DESCRIPTION	QTY	1 G E
		1 2 3 4		
1	<u>102520702</u>	Kit-canopy, Prec-beige (includes items 2 through 13)	1	
2	<u>102560202</u>	Beige Canopy Component Kit (includes items 3 through 6)	1	
3	<u>102400002</u>	Cover, Lh Canopy Support, Blk	1	
4	<u>102400102</u>	Cover, Rh Canopy Support, Blk	1	
5	<u>102513501</u>	Asm-rear Canopy Support	2	
6	N/A	Asm-canopy, Beige (includes items 7 through 12)	1	
7	<u>102296140</u>	Bolt, Flanged Head, M6x1.0x40	4	
8	<u>102296401</u>	Nut-m6x1.0 Flng All Mtl Lock	4	
9	<u>102508902</u>	Canopy-beige	1	
10	<u>102511602</u>	Handle, Canopy (Beige)	2	
11	<u>103205101</u>	Cover, Drain, Canopy, Precedent	2	
12	<u>103210101</u>	Screw, #8 X.75, Torx, Tapping	2	
13	<u>102560301</u>	Kit, Hardware, Canopy Strut (includes items 14 through 24)	1	
14	<u>102298401</u>	Nut,m8,all Metal Lock	2	
15	<u>102299065</u>	M8-1.25 X 65 Tx Bttm Hd Bolt	4	
16	<u>102299360</u>	Screw, M8-1.25 X 60, Sems, Tx	2	
17	<u>102299601</u>	Screw, Pt, K80x70 Hex Flg Hd	2	
18	<u>102512401</u>	Support, Canopy Front, Right-Hand	1	
19	<u>102513301</u>	Support, Canopy Front Left-Hand	1	
20	<u>102544201</u>	Screw, M6 Hex	2	
21	N/A	Instr, Kit, Canopy (prec)	1	
22	<u>103196001</u>	Washer, Conical Spring, Canopy	8	
23	<u>103199301</u>	Bolt - M6 X 1 X 45 Hh Grey	4	
24	<u>103200301</u>	Nut, M6 x 1.00	4	
Note: Item 21 not shown.				

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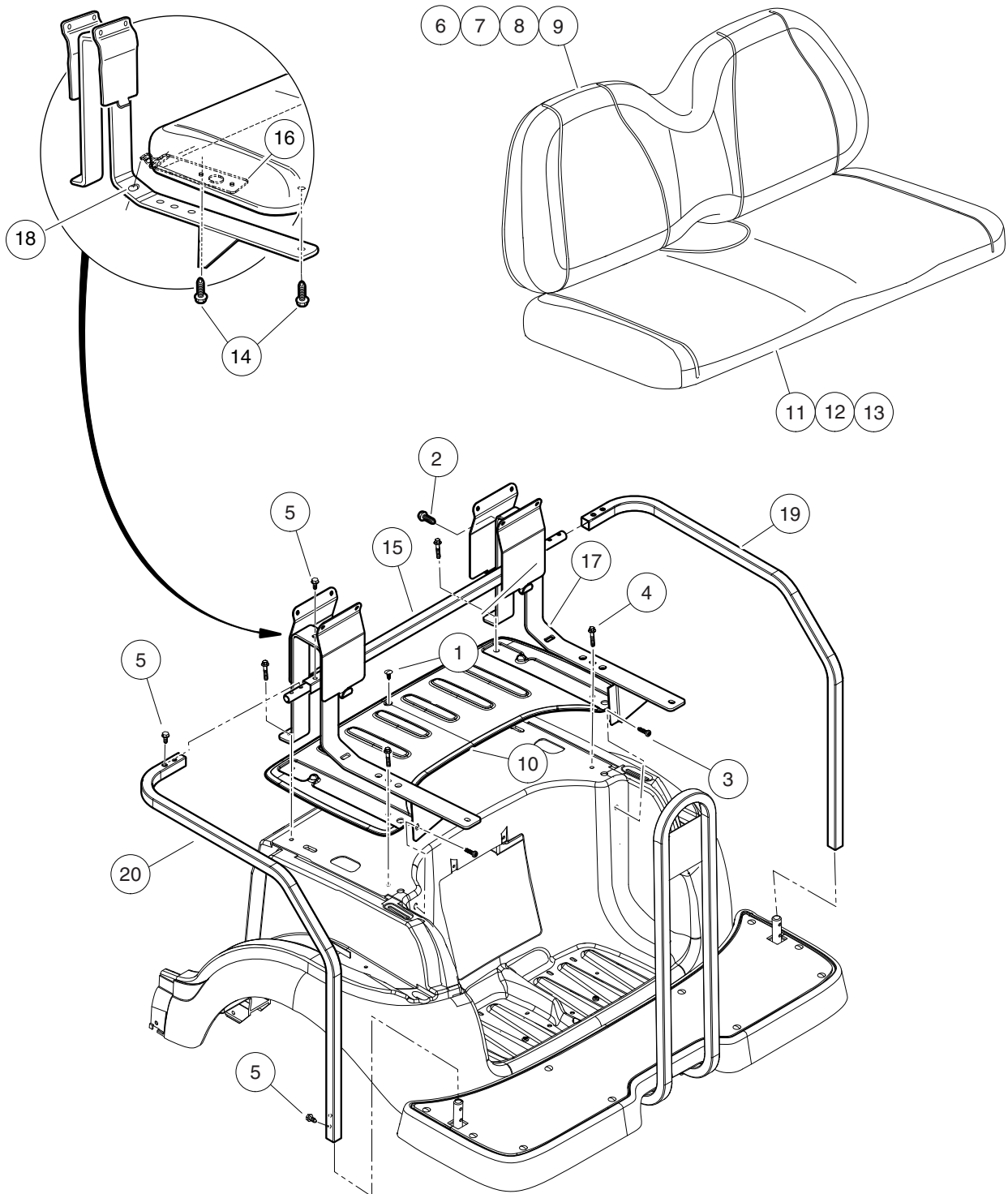
CANOPY – WHITE

ITEM	PART NO.	DESCRIPTION	QTY	1 G E
		1 2 3 4		
1	<u>102520701</u>	Kit-canopy, Prec-white (includes items 2 through 13)	1	
2	<u>102560201</u>	White Canopy Component Kit (includes items 3 through 6)	1	
3	<u>102400002</u>	Cover, Lh Canopy Support, Blk	1	
4	<u>102400102</u>	Cover, Rh Canopy Support, Blk	1	
5	<u>102513501</u>	Asm-rear Canopy Support	2	
6	N/A	Asm-canopy, White (includes items 7 through 12)	1	
7	<u>102296140</u>	Bolt, Flanged Head, M6x1.0x40	4	
8	<u>102296401</u>	Nut-m6x1.0 Flng All Mtl Lock	4	
9	<u>102508901</u>	Canopy-white	1	
10	<u>102511601</u>	Handle, Canopy (White)	2	
11	<u>103205101</u>	Cover, Drain, Canopy, Precedent	2	
12	<u>103210101</u>	Screw, #8 X.75, Torx, Tapping	2	
13	<u>102560301</u>	Kit, Hardware, Canopy Strut (includes items 14 through 24)	1	
14	<u>102298401</u>	Nut,m8,all Metal Lock	2	
15	<u>102299065</u>	M8-1.25 X 65 Tx Bttm Hd Bolt	4	
16	<u>102299360</u>	Screw, M8-1.25 X 60, Sems, Tx	2	
17	<u>102299601</u>	Screw, Pt, K80x70 Hex Flg Hd	2	
18	<u>102512401</u>	Support, Canopy Front, Right-Hand	1	
19	<u>102513301</u>	Support, Canopy Front Left-Hand	1	
20	<u>102544201</u>	Screw, M6 Hex	2	
21	N/A	Instr, Kit, Canopy (prec)	1	
22	<u>103196001</u>	Washer, Conical Spring, Canopy	8	
23	<u>103199301</u>	Bolt - M6 X 1 X 45 Hh Grey	4	
24	<u>103200301</u>	Nut, M6 x 1.00	4	
Note: Item 21 not shown.				

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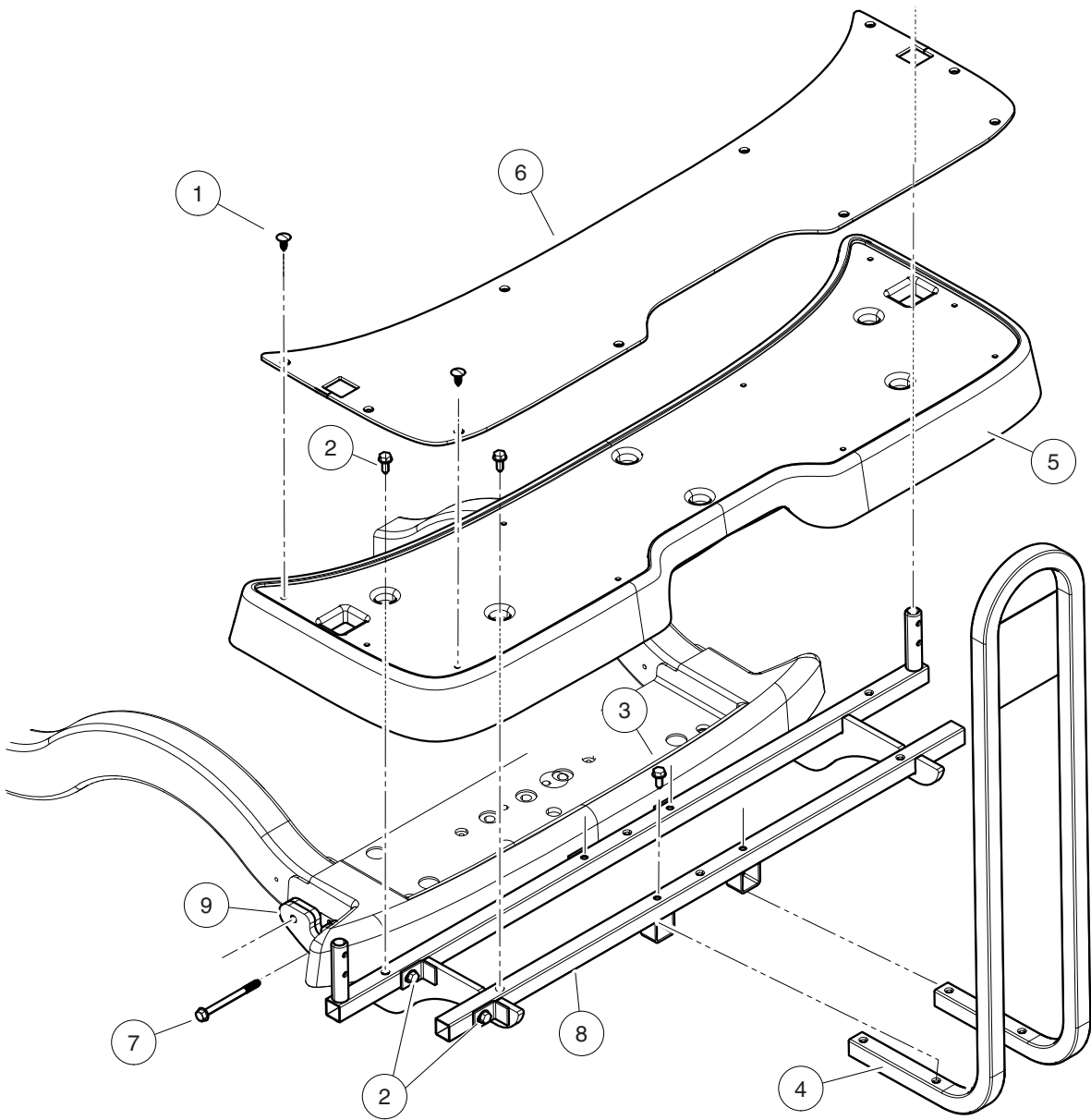
REAR SEAT – PRECEDENT VILLAGER 4

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

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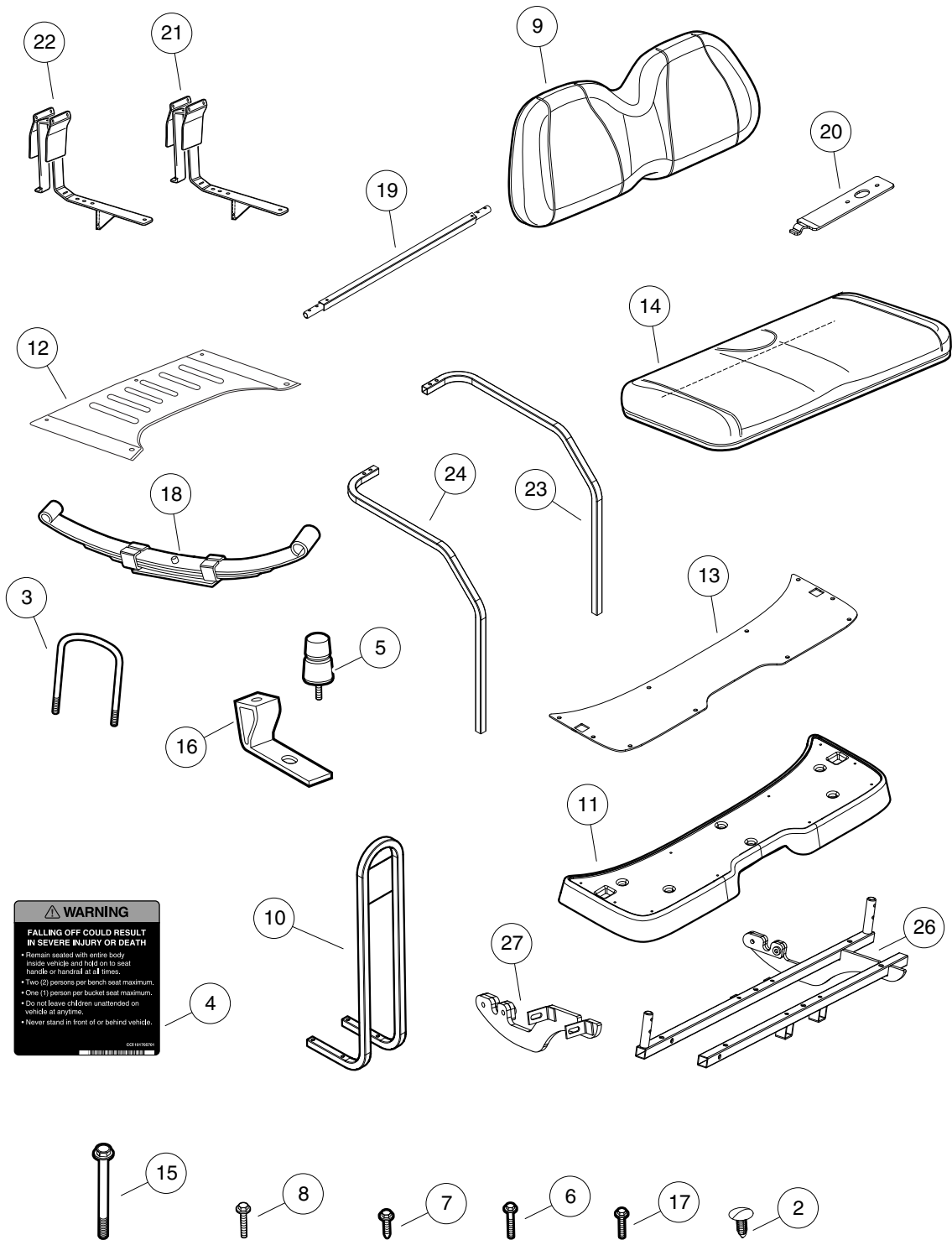
REAR FOOTREST ASSEMBLY – PRECEDENT VILLAGER 4

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

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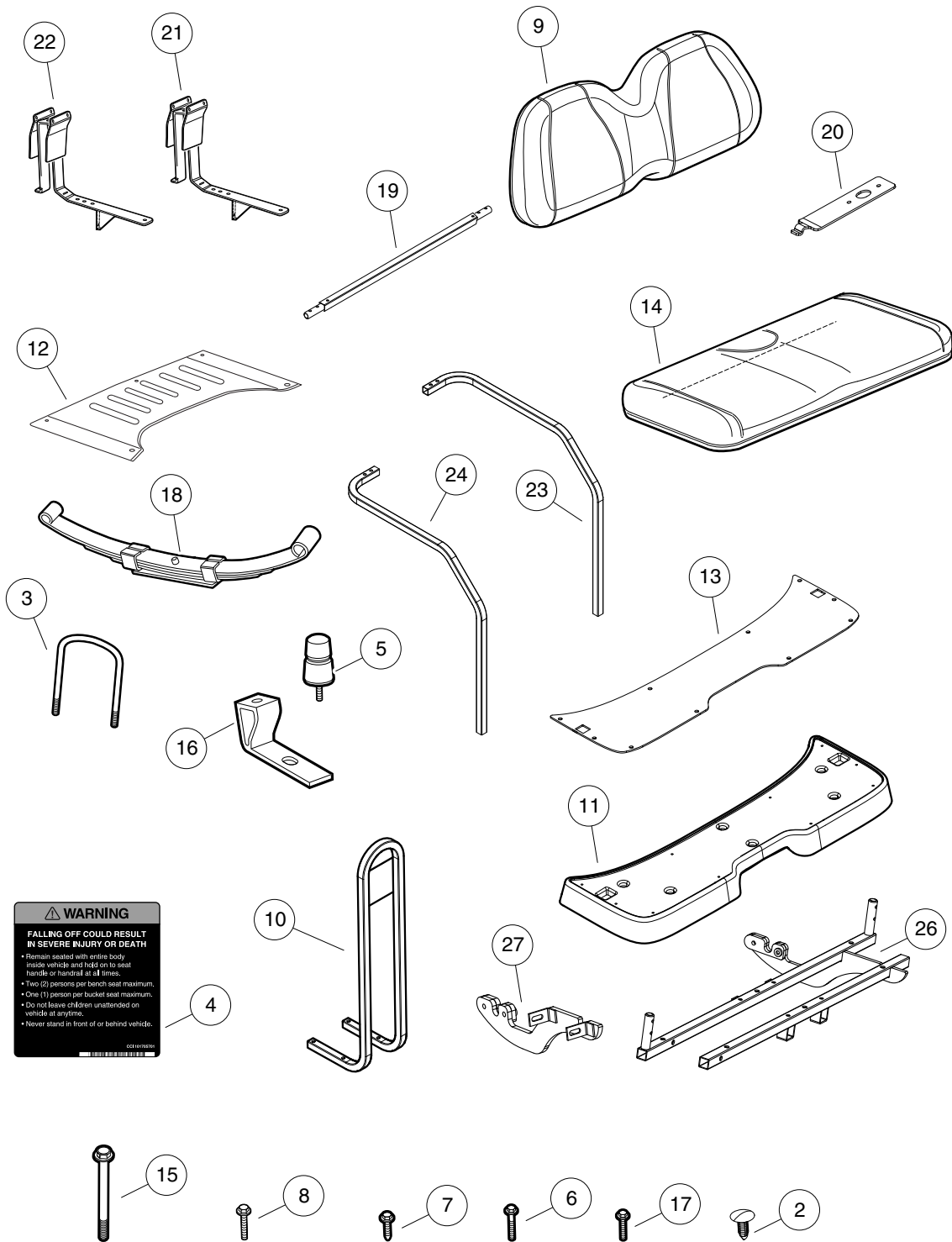
FOUR PASSENGER CONVERSION KIT – BEIGE

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

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000505-001

FOUR PASSENGER CONVERSION KIT – WHITE

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

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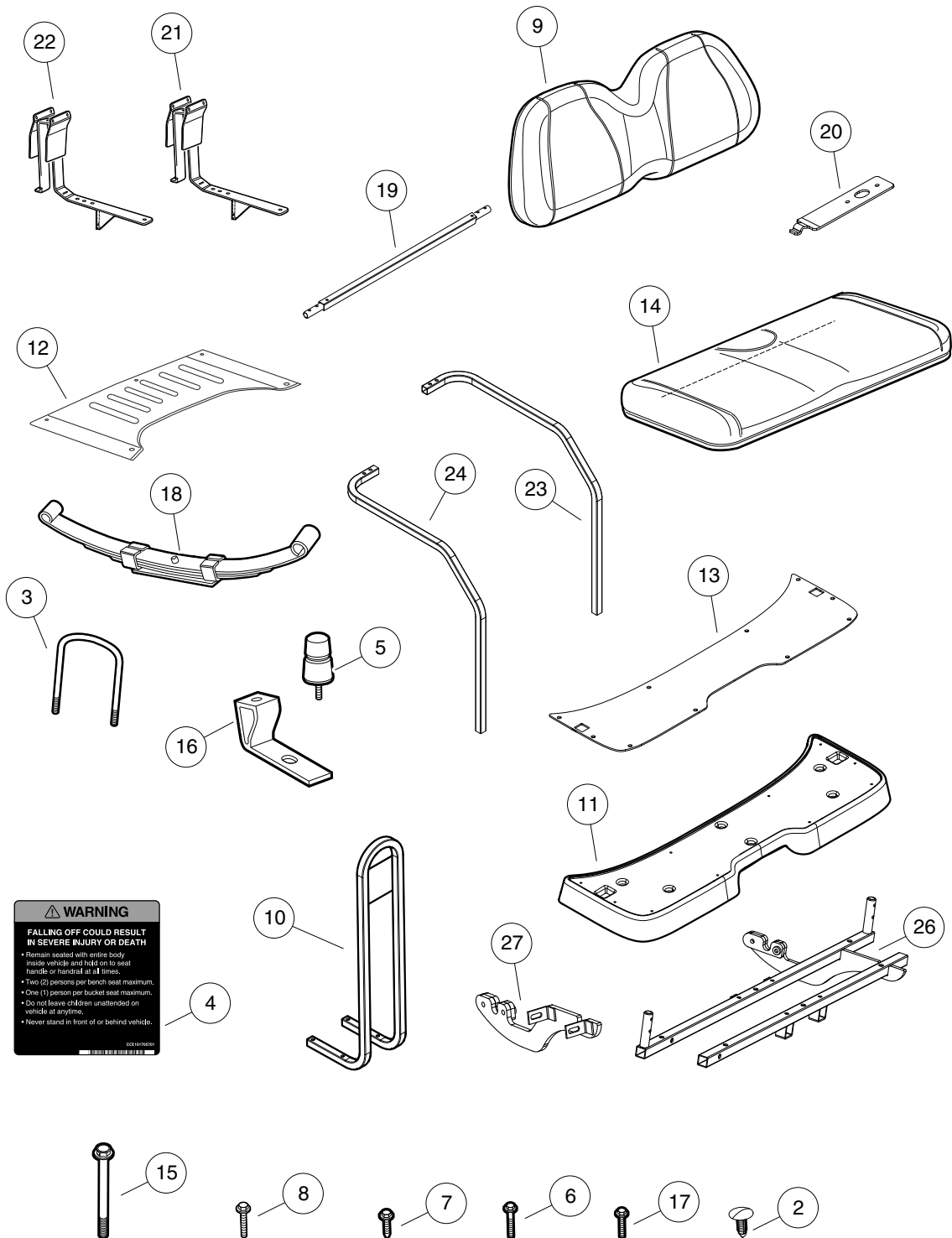
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FOUR PASSENGER CONVERSION KIT – GRAY

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

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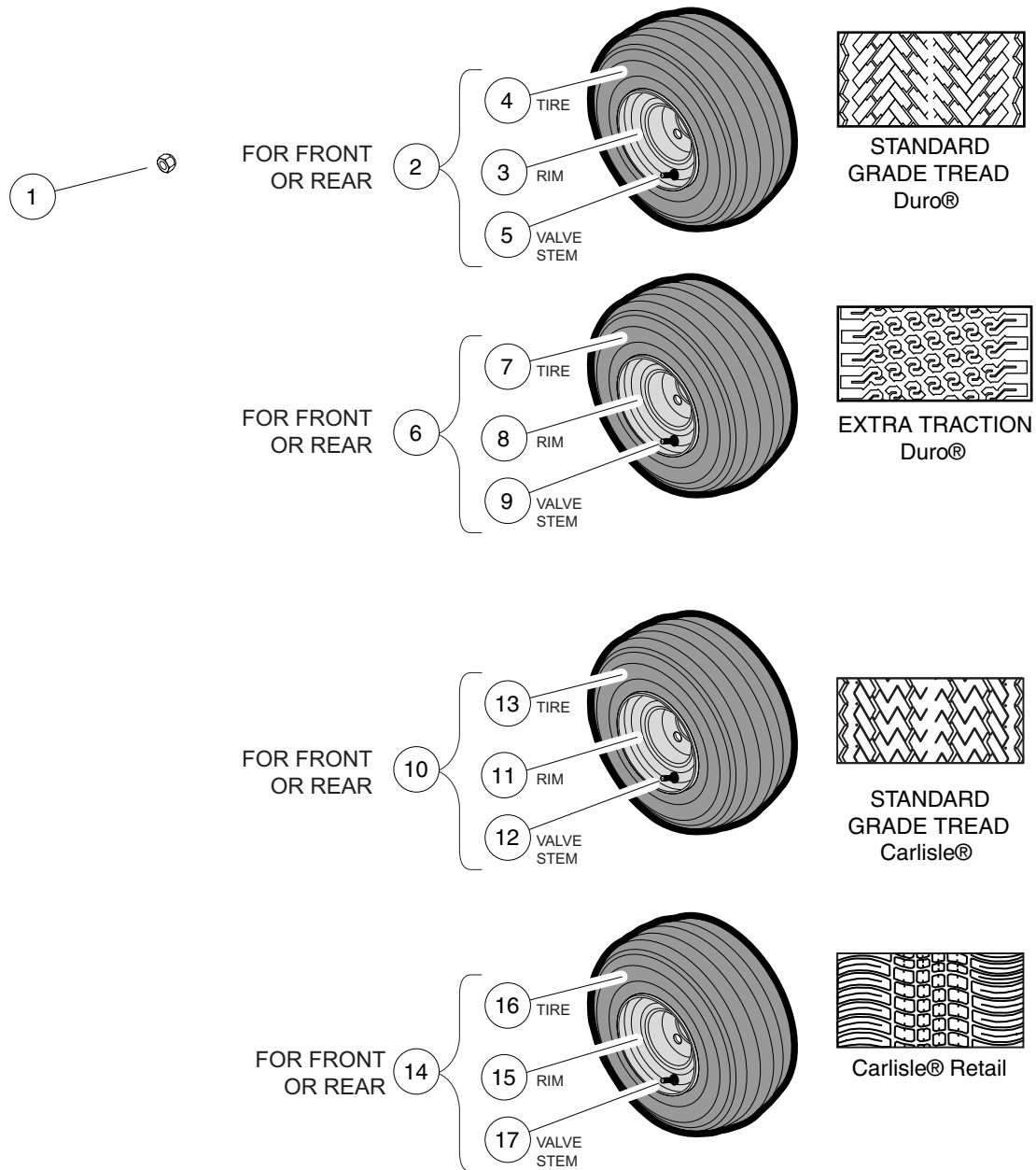
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WHEEL AND TIRES

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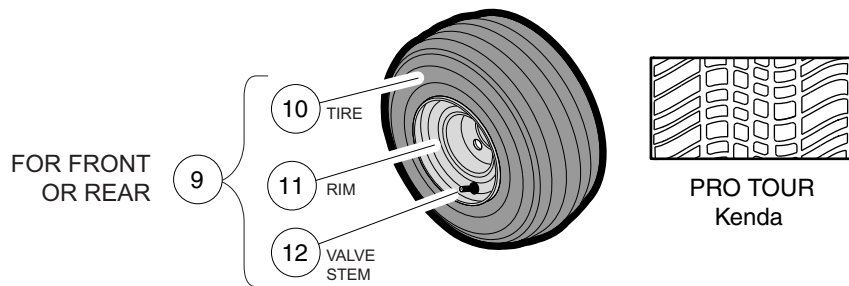
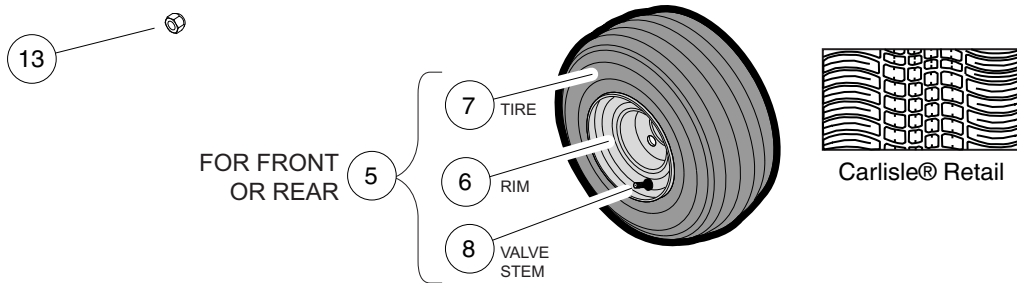
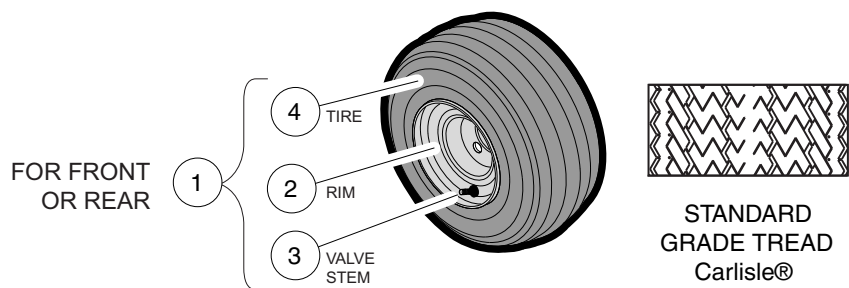


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WHEELS AND TIRES – PROFESSIONAL

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1010984</u>	.500-20 Unf Lug Nut	16
2	<u>102522604</u>	Asm-duro Std Gray (includes items 3 through 5)	4
3	<u>102557801</u>	Wheel Rim Asm, 8" X 7.000"	1
4	<u>102569304</u>	Duro 18 X 8.5 X 8, 4-Ply	1
5	<u>7310</u>	Valve Stem	1
6	<u>102522605</u>	Asm-duro Extra Tract Gray (includes items 7 through 9)	4
7	N/A	Tire, Unmounted Xtrac 18 x 8.50-8	1
8	<u>102557801</u>	Wheel Rim Asm, 8" X 7.000"	1
9	<u>7310</u>	Valve Stem	1
10	<u>102522608</u>	Asm-carlisle Std Gray (includes items 11 through 13)	2
11	<u>102557801</u>	Wheel Rim Asm, 8" X 7.000"	1
12	<u>7310</u>	Valve Stem	1
13	N/A	Tire, Unmouonted, Carlisle Standard Tread	1
14	<u>102522609</u>	Asm-carlisle Retail (includes items 15 through 17)	2
15	<u>102557801</u>	Wheel Rim Asm, 8" X 7.000"	1
16	<u>102569309</u>	Tire-carlisle 18.5x8.5r8 4-ply	1
17	<u>7310</u>	Valve Stem	1

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WHEELS AND TIRES – CHAMPION

ITEM	PART NO.	DESCRIPTION	QTY	2 G E
		1 2 3 4		
1	<u>102522608</u>	Asm-carlisle Std Gray (includes items 2 through 4)	4	
2	<u>102557801</u>	Wheel Rim Asm, 8" X 7.000"	1	
3	<u>7310</u>	Valve Stem	1	
4	N/A	Tire, Unmouonted, Carlisle Standard Tread	1	
5	<u>102522609</u>	Asm-carlisle Retail (includes items 6 through 8)	4	
6	<u>102557801</u>	Wheel Rim Asm, 8" X 7.000"	1	
7	<u>102569309</u>	Tire-carlisle 18.5x8.5r8 4-ply	1	
8	<u>7310</u>	Valve Stem	1	
9	<u>102540601</u>	Tire and Wheel, Aluminum (includes items 10 through 12)	4	
10	<u>102556701</u>	Tire, Pro Tour, 205-50 X 10	1	
11	<u>102556801</u>	Wheel, ChampionsAluminum'.....	1	
12	<u>7310</u>	Valve Stem	1	
13	<u>102540701</u>	Lug Nut, 1/2" Closed End	16	

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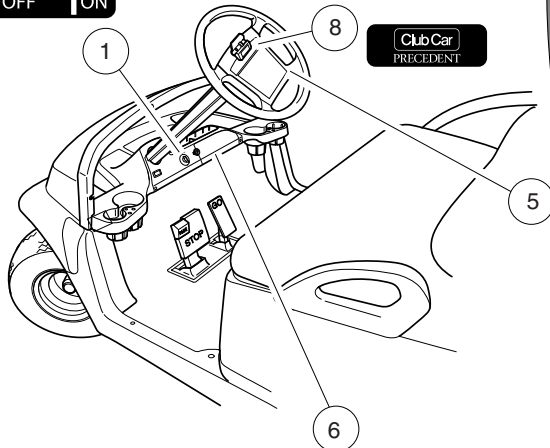
DECALS

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OFF ON



OPERATING INSTRUCTIONS

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

TO OPERATE

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

BEFORE LEAVING

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

CCI 102519201

WARNING

ROLLOVER OR FALLING OFF MAY CAUSE SERIOUS INJURY OR DEATH.

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

CCI 102519301

WARNING

BATTERY EXPLOSION / FIRE CAN CAUSE SEVERE INJURY

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

CCI 102517901

WARNING

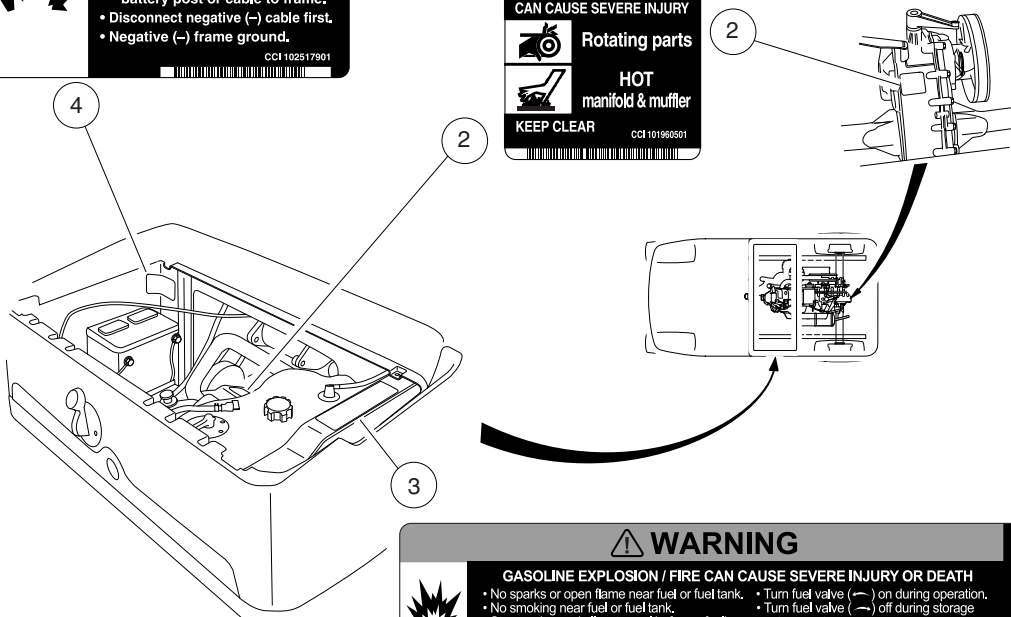
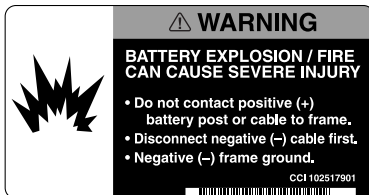
CAN CAUSE SEVERE INJURY

Rotating parts

HOT manifold & muffler

KEEP CLEAR

CCI 101960501



WARNING

GASOLINE EXPLOSION / FIRE CAN CAUSE SEVERE INJURY OR DEATH

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

EXCESSIVE SPEED CAN CAUSE SEVERE INJURY OR DEATH

- Do not tamper with engine governor adjustment.

CCI 102517801

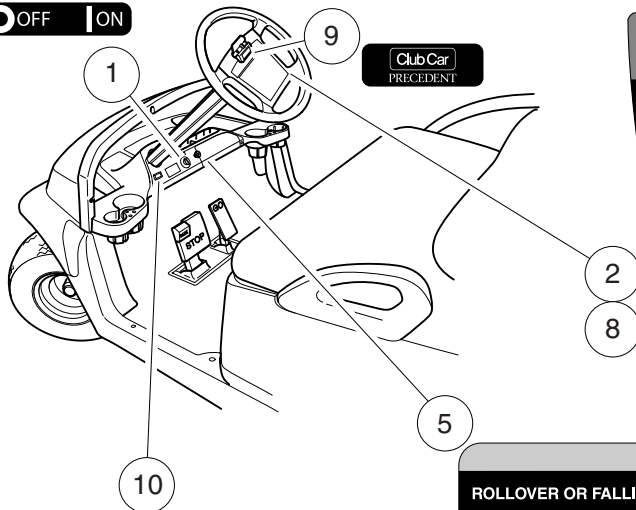
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DECALS – GASOLINE VEHICLE

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

OFF ON



IMPORTANT NOTICE

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

CC1 10255901

OPERATING INSTRUCTIONS

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

TO OPERATE

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

BEFORE LEAVING

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

MOTOR BRAKING

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

CC1 102518001

WARNING

ROLLOVER OR FALLING OFF MAY CAUSE SERIOUS INJURY OR DEATH.

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

CC1 102519301

WARNING

HEAVY LIFTING CAN CAUSE SEVERE PERSONAL INJURY

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

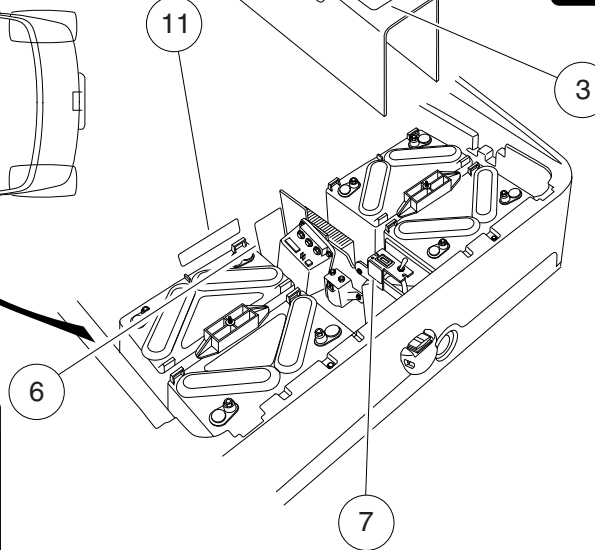
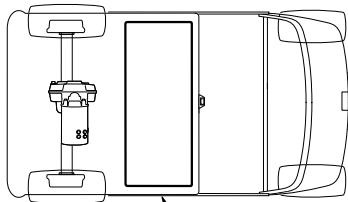
CC1 1023238501

CAUTION

EXPOSURE TO WATER MAY DAMAGE ELECTRONIC COMPONENTS

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

CC1 102518001



WARNING

BATTERY EXPLOSION COULD RESULT IN SEVERE PERSONAL INJURY

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

CC1 102518101

WARNING

BATTERY EXPLOSION / ELECTRICAL COMPONENT DAMAGE

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

CC1 102519401

WARNING

SHORTING OF BATTERY TERMINALS CAN CAUSE PERSONAL INJURY OR DEATH.

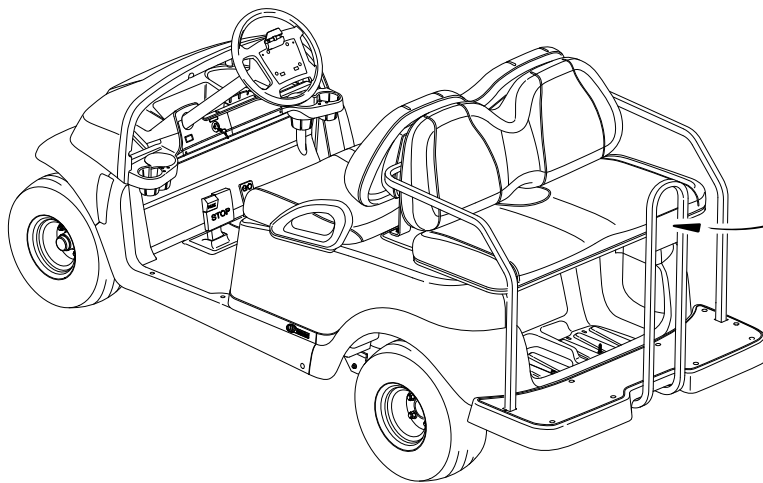
- Do not place component mounting plate directly on top of batteries when removing or installing plate.
- Remove plate from vehicle completely.

102527501

000441-001

DECALS – ELECTRIC VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY	3 G E
		1 2 3 4		
1	<u>101825101</u>	Decal, Off/On	1	
2	<u>102518001</u>	Decal, Operating Instr, Elec	1	
3	<u>102518101</u>	Decal, Run/Tow with Storage Area	1	
4	<u>102518301</u>	Decal, Caution, Electrical Component Cover	1	
5	<u>102519301</u>	Decal, Warning, Rollover	1	
6	<u>102519401</u>	Decal, Run/Tow Safety, IQ	1	
7	<u>102527501</u>	Decal-component Mounting Plate	1	
8	<u>102538201</u>	Decal, Operating Instructions	1	
9	<u>102540901</u>	Decal, Club Car Clip	1	
10	<u>102555901</u>	Decal, Private Speed, Prec	1	
11	<u>103238501</u>	Decal, Warning -battery Weight	1	
Note: Item 8 not shown.				

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

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

CCI 101705701



000495-001

DECAL – PRECEDENT VILLAGER 4

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

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BRAKES AND PEDAL GROUP ASSEMBLIES

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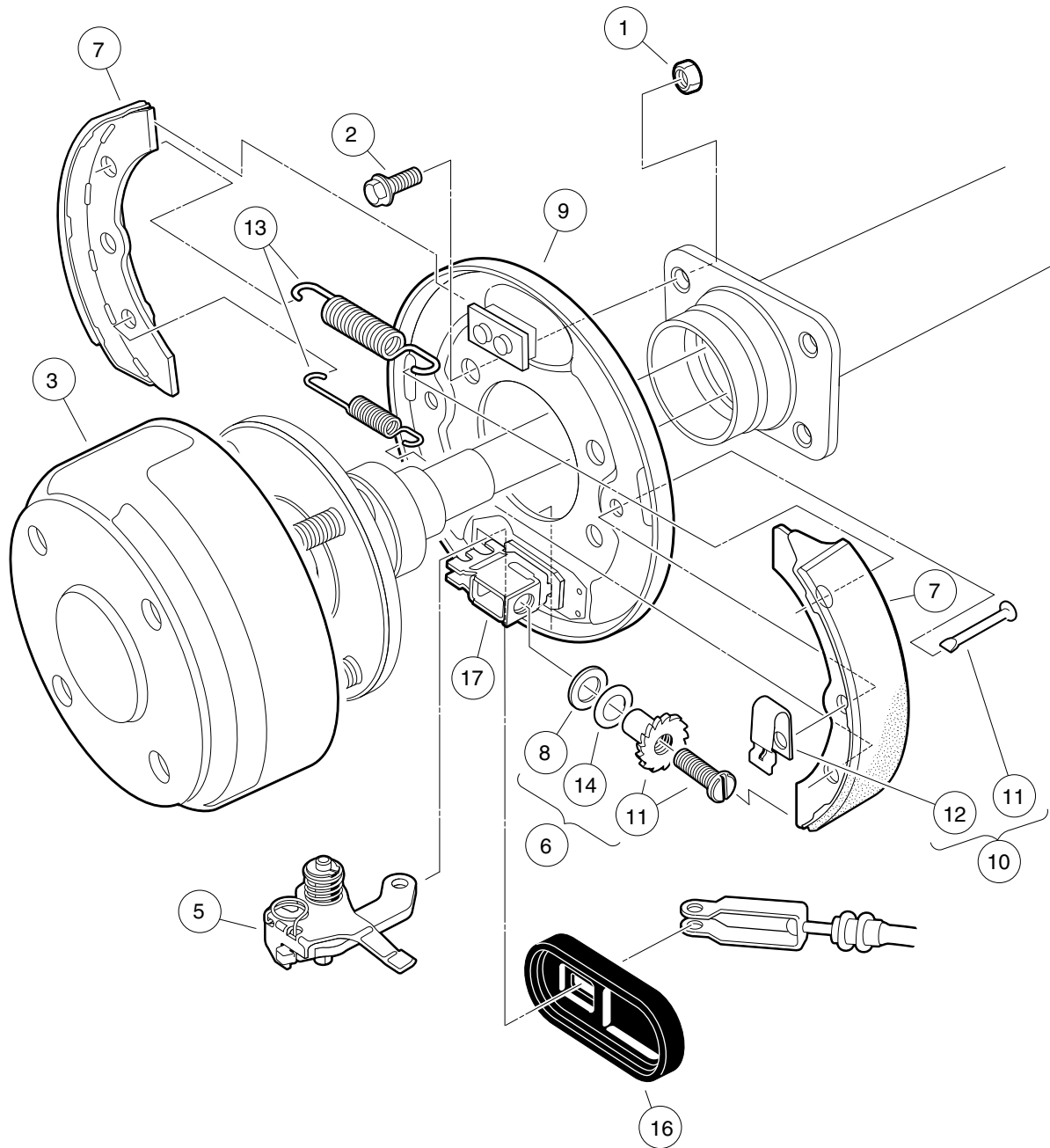
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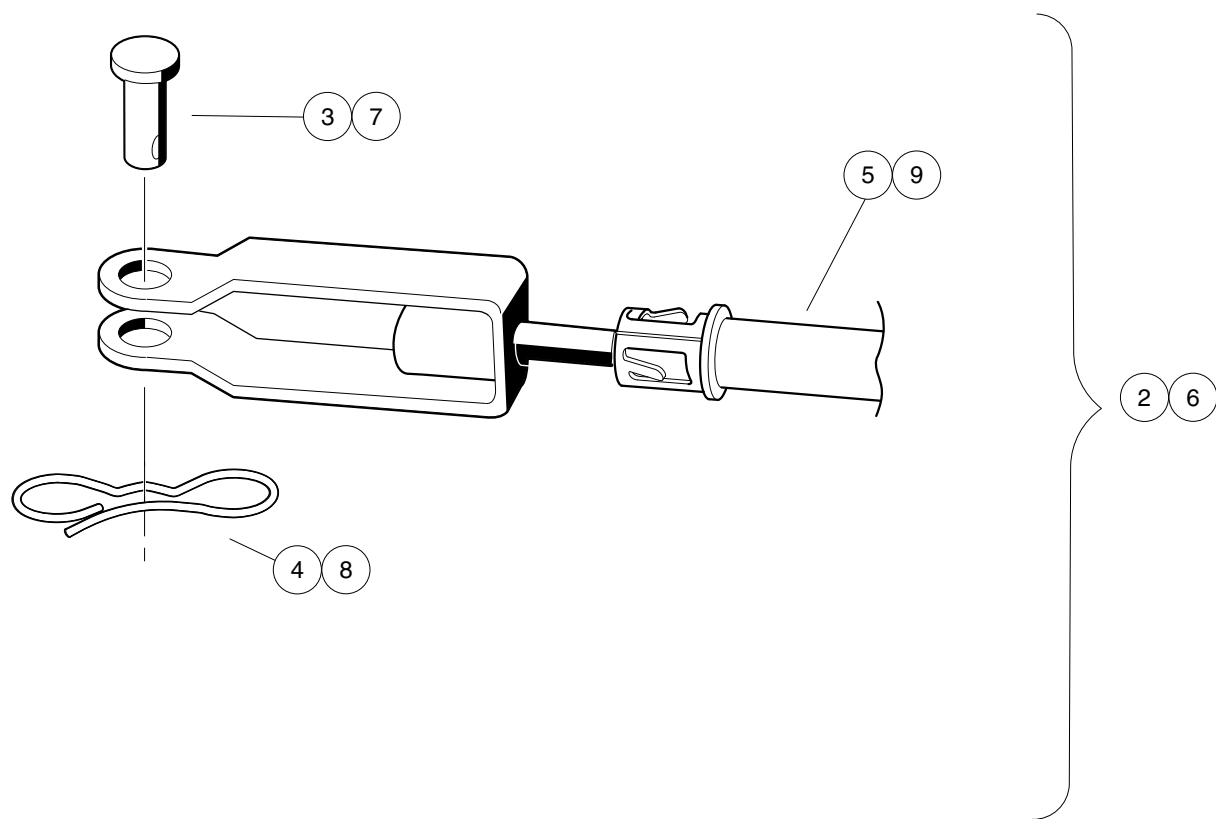
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000186-001

REAR BRAKE ASSEMBLY, SELF-ADJUSTING

ITEM	PART NO.	DESCRIPTION	QTY	4 G E
		1 2 3 4		
1	<u>1013924</u>	Nut, 5/16-24 Hex Head Cone	8	
2	<u>1014153</u>	Bolt, Brake Cluster Mounting	8	
3	<u>101791101</u>	Drum without Center Hole, Brake	2	
4	<u>103380201</u>	Asm, Brake Cluster, Mech, Drvr (includes items 5 through 17)	1	
5	<u>101815501</u>	Lever Assembly, Self-Adjusting Brake, Right (Passenger)	1	
6	<u>101816501</u>	Adj Mechanism, S.A. Brakes, Right (Passenger)	1	
7	<u>101823201</u>	Package, Brake Shoe, Self-Adjusting	1	
8	<u>101823801</u>	Plate, Washer, Brake, Self-Adjusting	1	
9	<u>103483101</u>	Back Plate, Rh	1	
10	<u>103483201</u>	Kit, Shoe Retainer (includes items 11 and 12)	1	
11	<u>1010953</u>	Pin	2	
12	<u>103483301</u>	Spring, Shoe, Clamp	2	
13	<u>103483401</u>	Package Brake Spring Self Adj (includes items 14 and 15)	1	
14	<u>101816401</u>	Brake Spring Self Adj	2	
15	<u>103483501</u>	Spring Brake	2	
16	<u>103483601</u>	Cover, Dust	1	
17	<u>103483701</u>	Brake Block	1	
18	<u>103380202</u>	Asm, Brake Cluster, Mech, Pass (includes items 19 through 31)	1	
19	<u>101815502</u>	Lever Assembly, Self-Adjusting Brake, Left	1	
20	<u>101816502</u>	Adjusting Mechanism, Self-Adjusting Brake, Left	1	
21	<u>101823201</u>	Package, Brake Shoe, Self-Adjusting	1	
22	<u>101823801</u>	Plate, Washer, Brake, Self-Adjusting	1	
23	<u>103483102</u>	Back Plate, Lh	1	
24	<u>103483201</u>	Kit, Shoe Retainer (includes items 25 and 26)	1	
25	<u>1010953</u>	Pin	2	
26	<u>103483301</u>	Spring, Shoe, Clamp	2	
27	<u>103483401</u>	Package Brake Spring Self Adj (includes items 28 and 29)	1	
28	<u>101816401</u>	Brake Spring Self Adj	2	
29	<u>103483501</u>	Spring Brake	2	
30	<u>103483601</u>	Cover, Dust	1	
31	<u>103483701</u>	Brake Block	1	
Note: Driver-side brake cluster not shown. Components have a similar appearance to passenger-side brake cluster components.				



000467-001

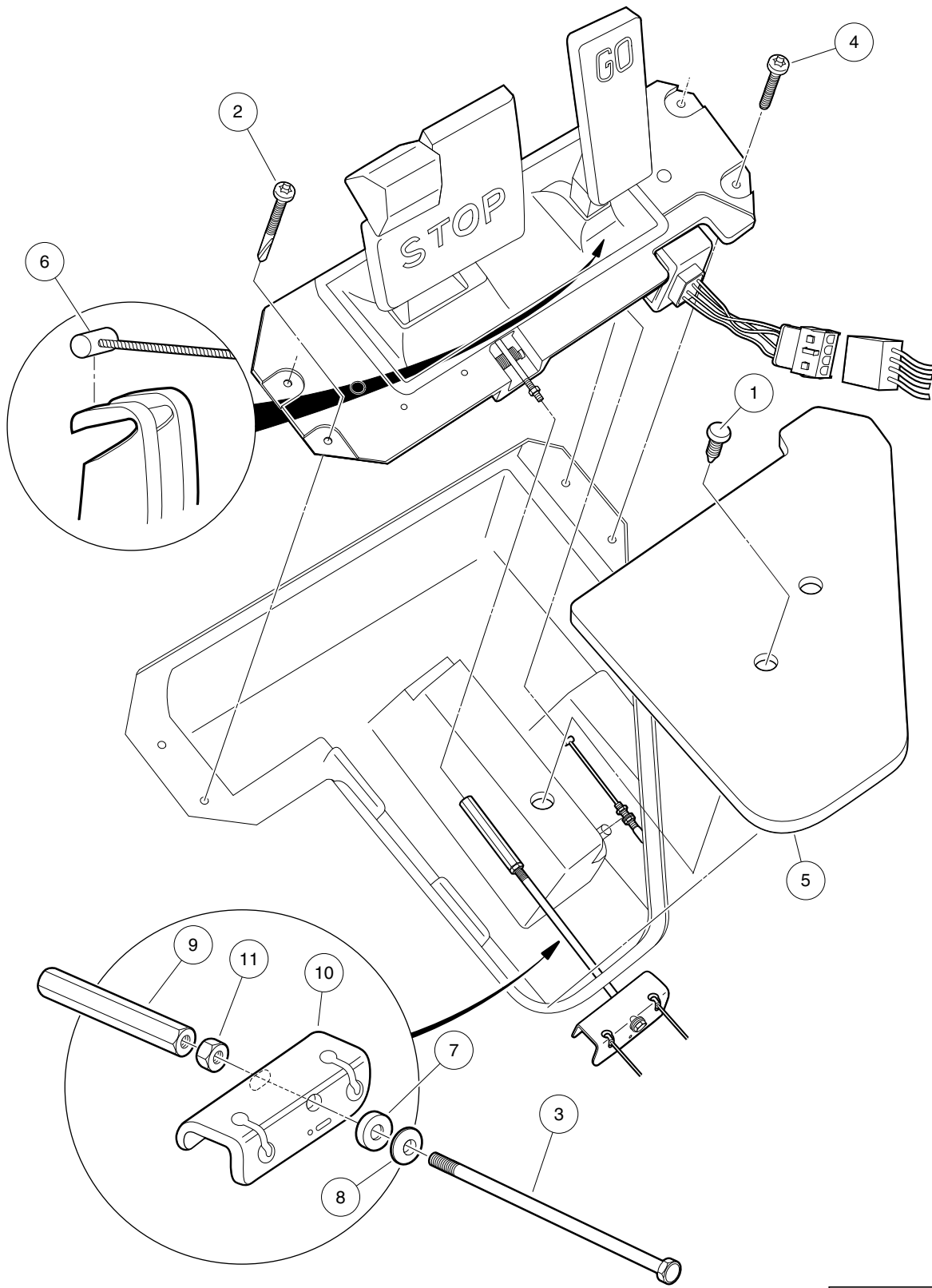
BRAKE CABLES

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

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000443-001

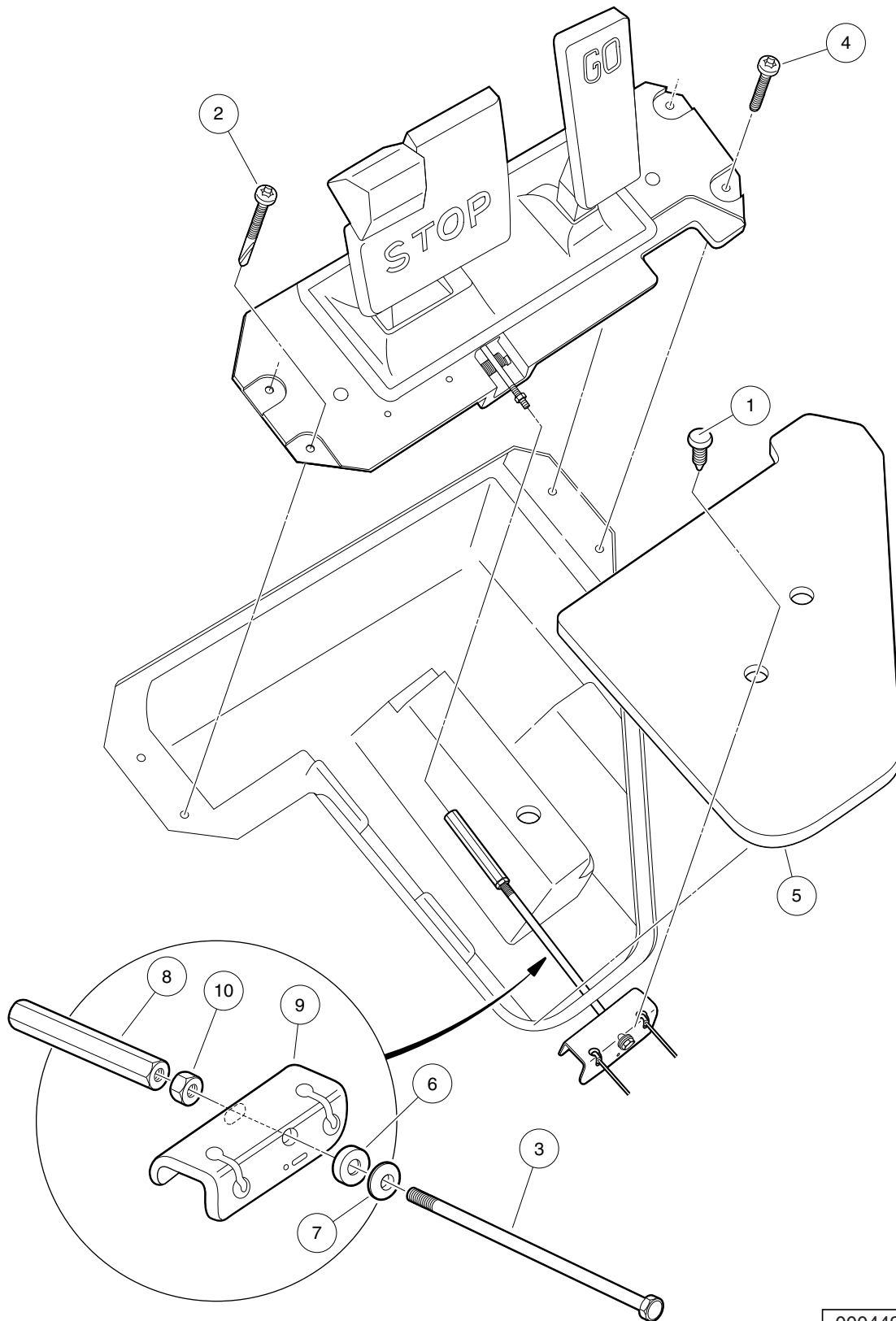
PEDAL GROUP CONNECTIONS – GASOLINE VEHICLE

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

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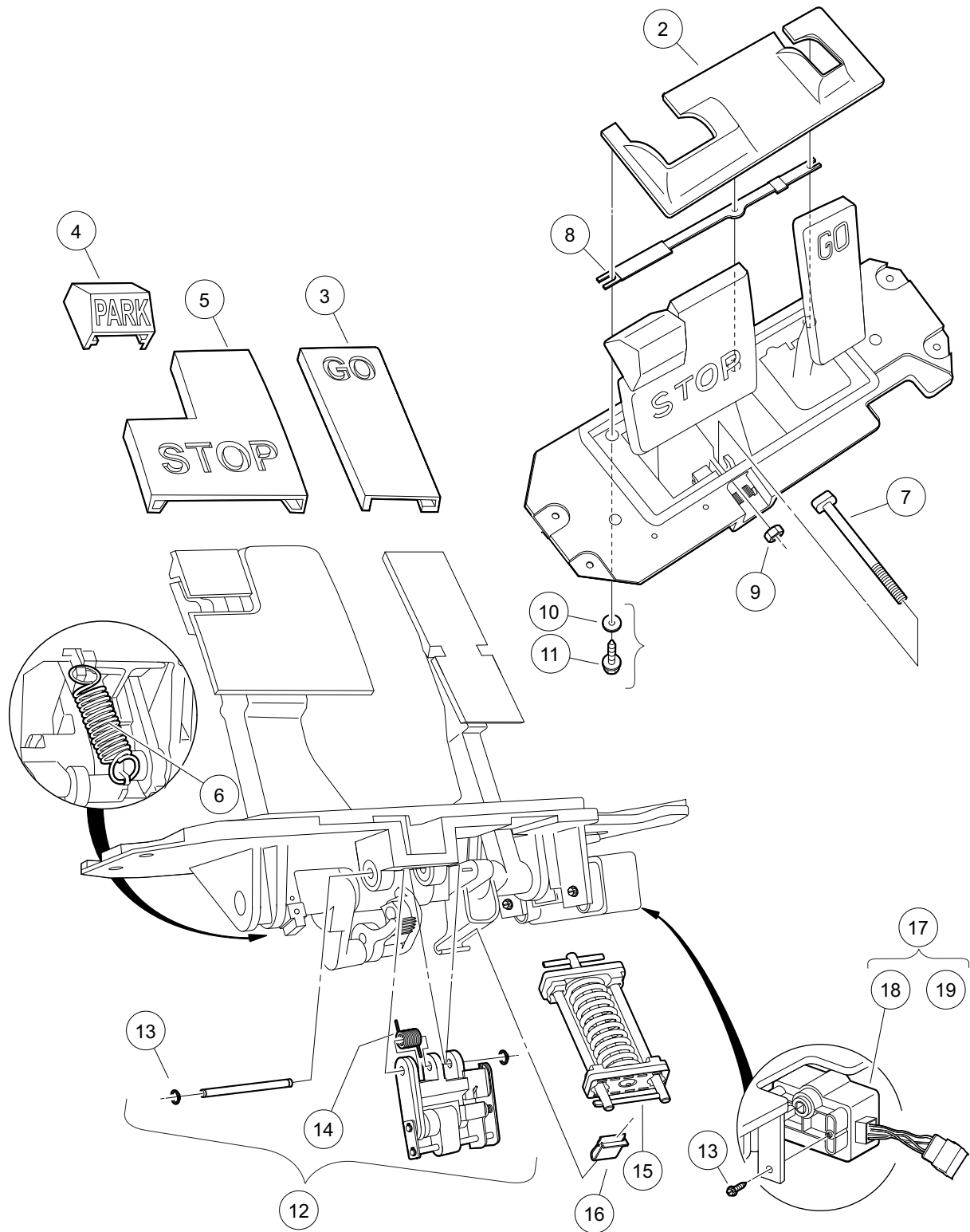
PEDAL GROUP CONNECTIONS – ELECTRIC VEHICLE

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

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000487-001

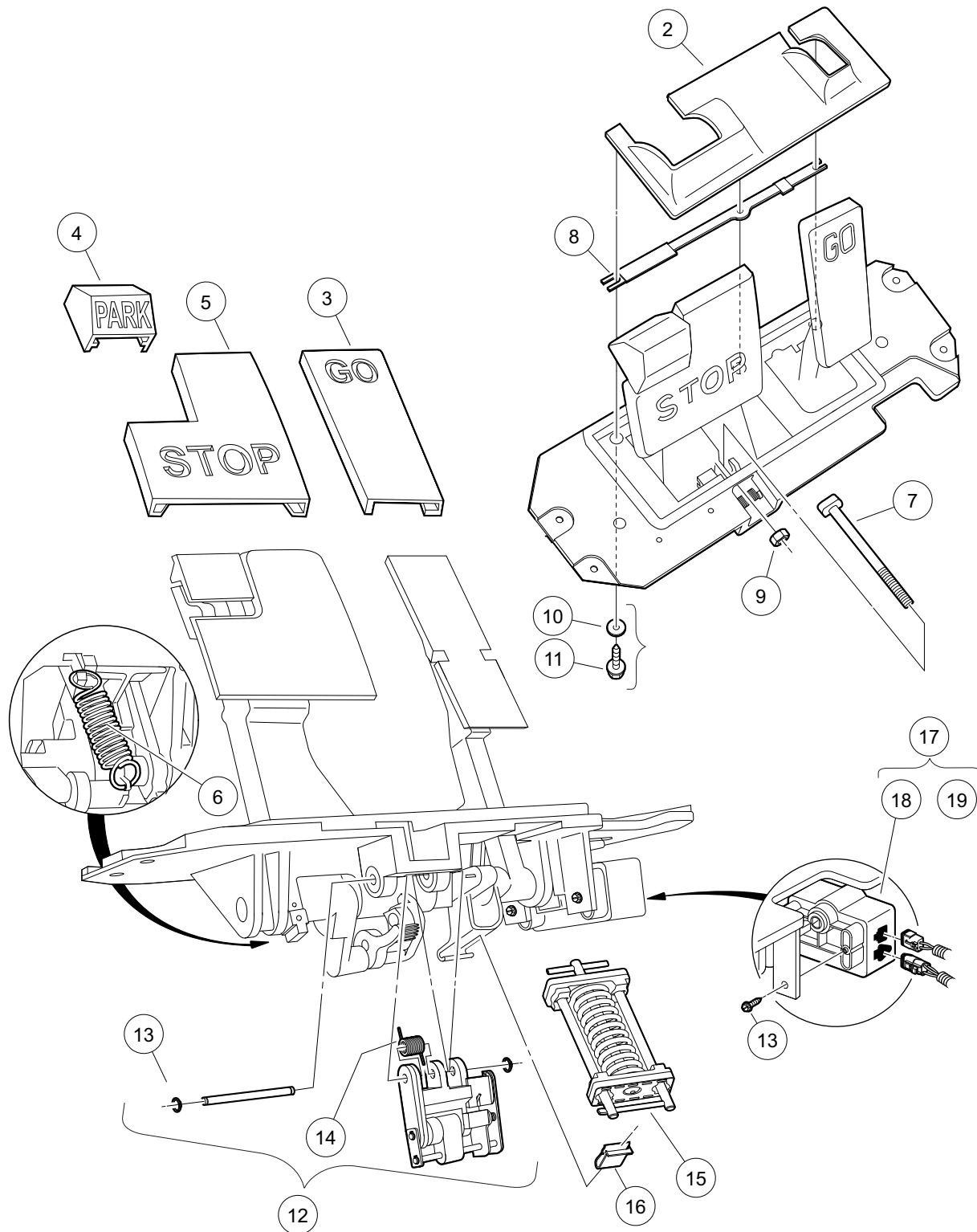
PEDAL GROUP COMPONENTS – GASOLINE VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY	4 G E
		1 2 3 4		
1	<u>102500101</u>	Asm, Pedal Box Gas (includes items 2 through 17)	1	
2	<u>102558801</u>	Shield, Debris	1	
3	<u>102558901</u>	Pad, Pedal, Accelerator	1	
4	<u>102559001</u>	Pad, Pedal, Park	1	
5	<u>102559101</u>	Pad, Pedal, Brake	1	
6	<u>102559301</u>	Spring, Brake, Return	1	
7	<u>102559401</u>	Rod, Brake	1	
8	<u>102559601</u>	Shield, Debris, Aux	1	
9	<u>102559701</u>	Nut, Brake Rod	1	
10	<u>102563001</u>	Washer, Std Fender, #10	3	
11	<u>102563101</u>	Screw, Type A, #10	5	
12	<u>102587401</u>	Assembly Pawl Lock Headed Pins (includes items 13 and 14)	1	
13	<u>102587501</u>	Clip, Push, Pawl	2	
14	<u>103344301</u>	Spring, Pawl Return	1	
15	<u>102588701</u>	Kit, Pedal Spring	1	
16	<u>102588901</u>	Clip, U	1	
17	<u>103327701</u>	Kit, Gcor (includes items 18 and 19)	1	
18	<u>102528601</u>	GCOR, Prec	1	
19	N/A	Instr, Kit Gcor/mcor	1	
Note: Replace pedal box assembly with Generation 2 pedal box assembly (CCI P/N 102595021). Generation 2 pedal box assembly will also require new accelerator pedal cable (CCI P/N 102595101).				

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000488-001

PEDAL GROUP COMPONENTS – ELECTRIC VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY	4
		1 2 3 4		G
1	<u>102500001</u>	Asm, Pedal Box Elec (includes items 2 through 17)	1	E
2	<u>102558801</u>	Shield, Debris	1	
3	<u>102558901</u>	Pad, Pedal, Accelerator	1	
4	<u>102559001</u>	Pad, Pedal, Park	1	
5	<u>102559101</u>	Pad, Pedal, Brake	1	
6	<u>102559301</u>	Spring, Brake, Return	1	
7	<u>102559401</u>	Rod, Brake	1	
8	<u>102559601</u>	Shield, Debris, Aux	1	
9	<u>102559701</u>	Nut, Brake Rod	1	
10	<u>102563001</u>	Washer, Std Fender, #10	3	
11	<u>102563101</u>	Screw, Type A, #10	5	
12	<u>102587401</u>	Assembly Pawl Lock Headed Pins (includes items 13 and 14)	1	
13	<u>102587501</u>	Clip, Push, Pawl	2	
14	<u>103344301</u>	Spring, Pawl Return	1	
15	<u>102588701</u>	Kit, Pedal Spring	1	
16	<u>102588901</u>	Clip, U	1	
17	<u>103327901</u>	Kit, Mcor (includes items 18 and 19)	1	
18	<u>102528501</u>	Mcor, Prec	1	
19	N/A	Instr, Kit Gcor/mcor	1	
Note: Replace pedal box assembly with Generation 2 pedal box assembly (CCI P/N 102595012).				

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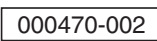
STEERING, FRONT AND REAR SUSPENSION

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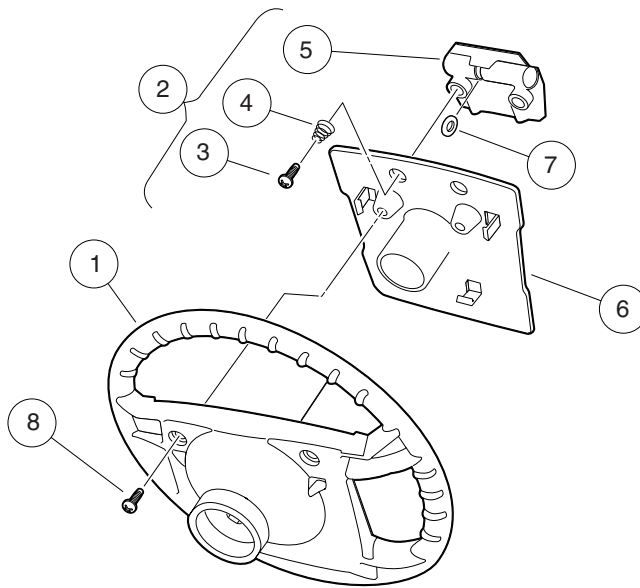
STEERING WHEEL – CHAMPION

ITEM	PART NO.	DESCRIPTION	QTY	5 G E
		1 2 3 4		
1	<u>103796701</u>	Kit, Hex, Steering Wheel (includes items 2 through 15)	1	
2	<u>1016663</u>	Screw, #12-14 X 0.625	2	
3	<u>102290120</u>	Bolt, M10 X 20 Hex Washer Hd	1	
4	<u>103724503</u>	Steering Wheel, Soft Hex	1	
5	<u>103724901</u>	Asm, Scorecard, Clip (includes items 6 through 10)	1	
6	<u>1012565</u>	Screw, #12 Phillips Round Head	2	
7	<u>1012566</u>	Tapered Compression Spring	2	
8	<u>1016154</u>	Clip, Scorecard	1	
9	N/A	Pencil Grip	1	
10	<u>103724601</u>	Cover, Steering Wheel, Clip	1	
11	N/A	Decal, Op Instr, Ele	1	
12	<u>103783002</u>	Decal, Op Instr, Gas Ps	1	
13	<u>103783003</u>	Decal, Op Instr, Gas Ks	1	
14	<u>103783004</u>	Decal, Op Instr, Limo Ab	1	
15	<u>103797301</u>	Kit Instr, Steering Wheel	1	

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000471-001

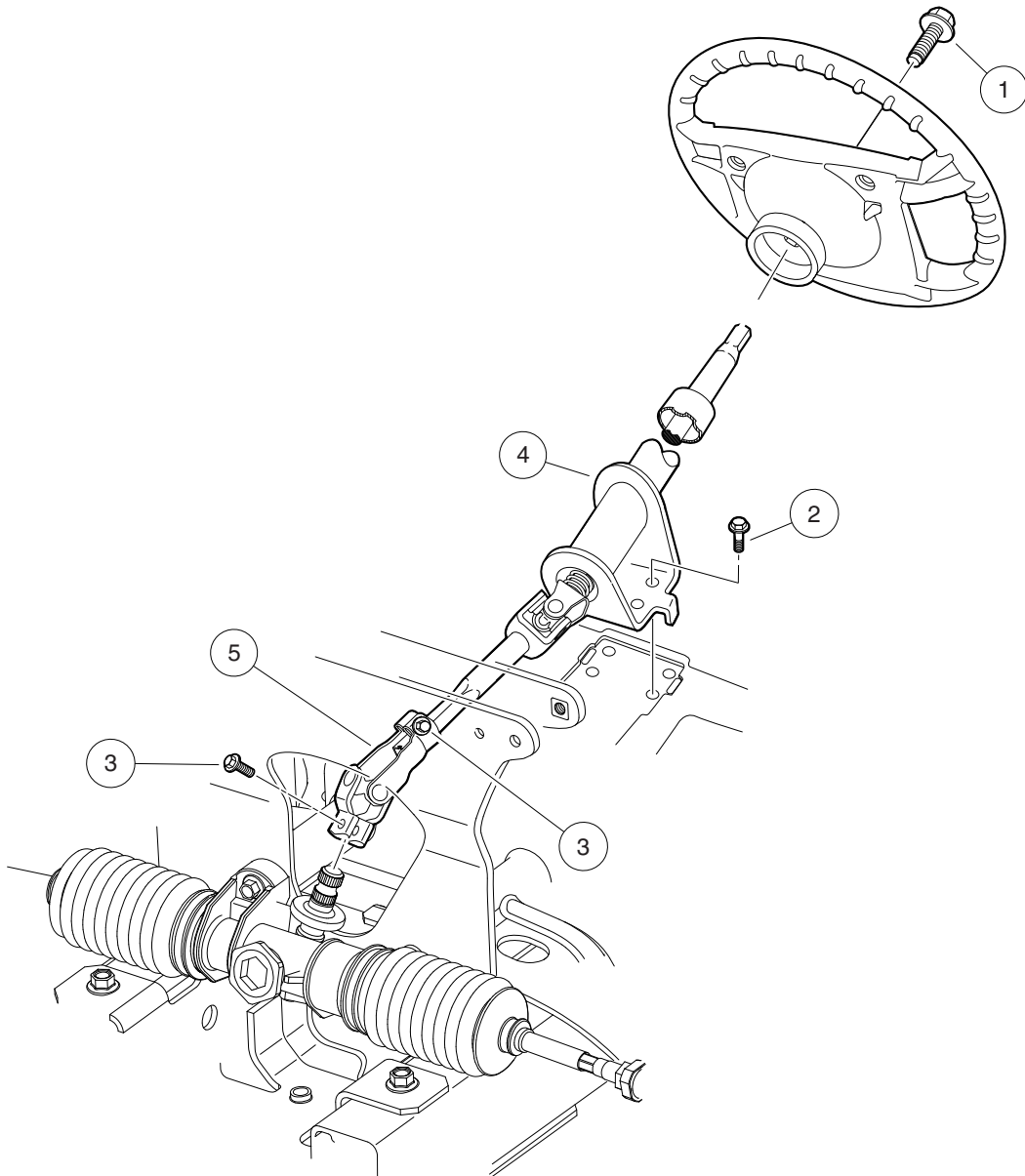
STEERING WHEEL – PROFESSIONAL

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

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000469-002

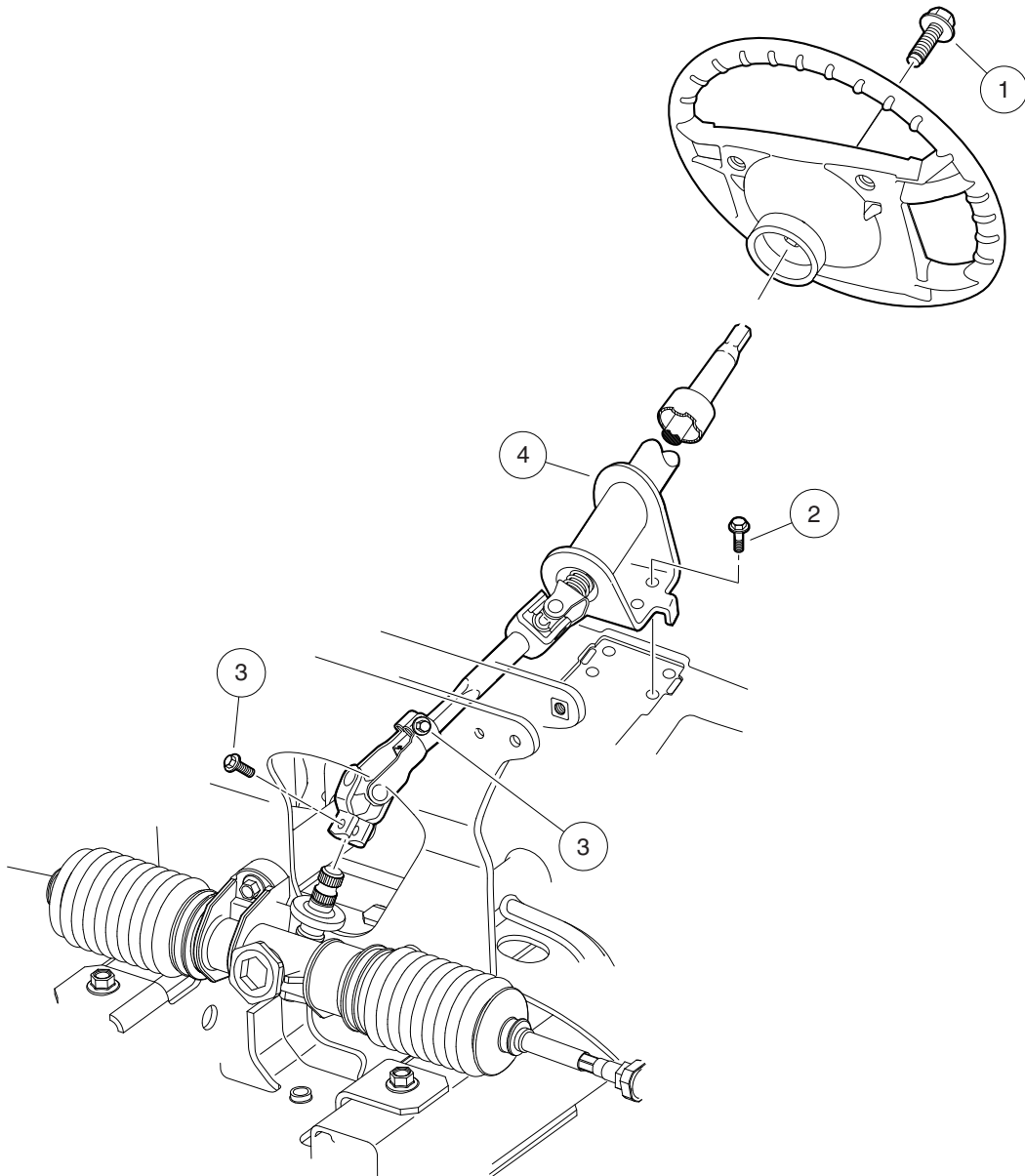
STEERING COLUMN

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

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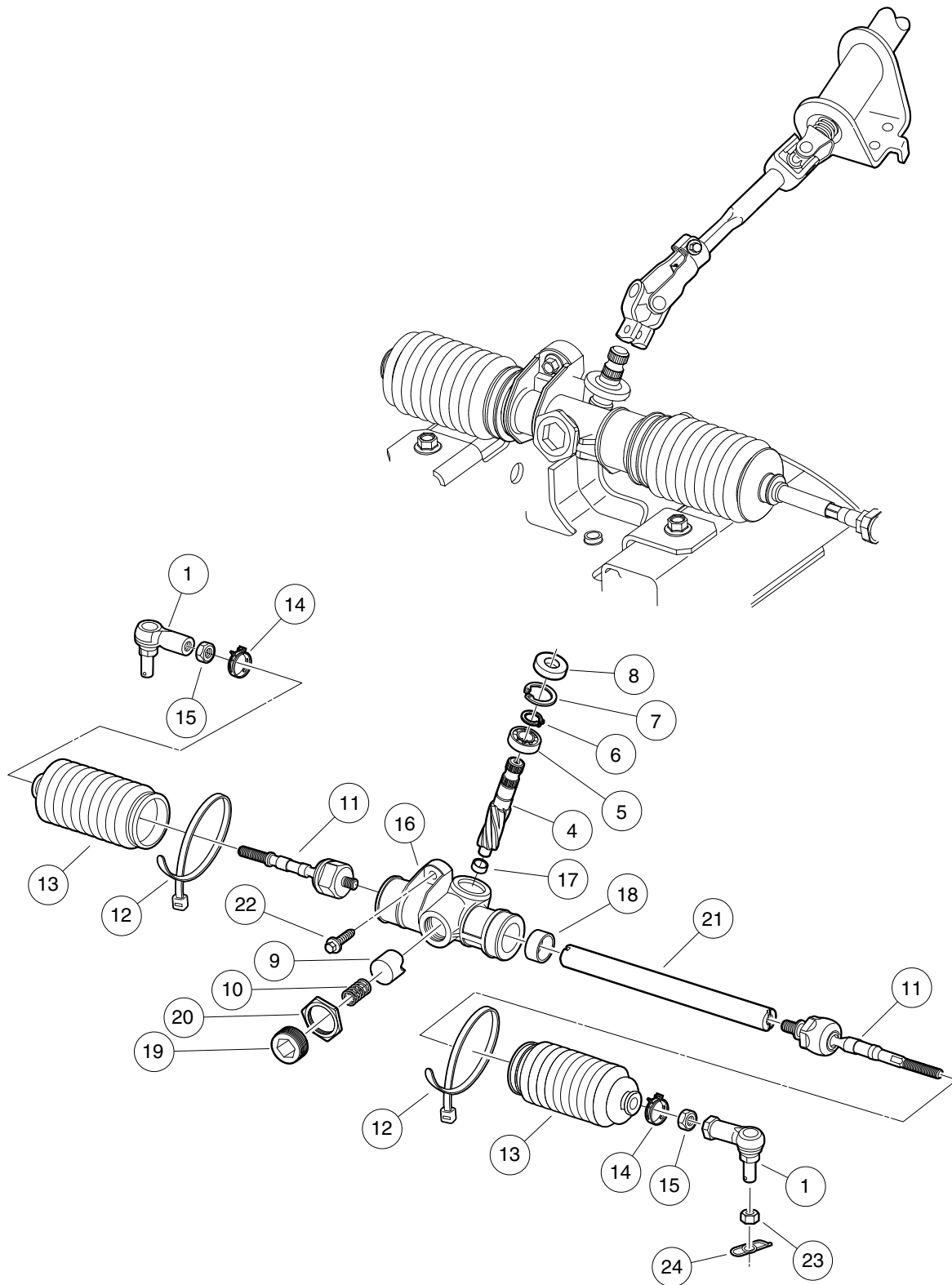
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STEERING COLUMN – ELECTRIC VEHICLES

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



000476-001

STEERING GEAR ASSEMBLY

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

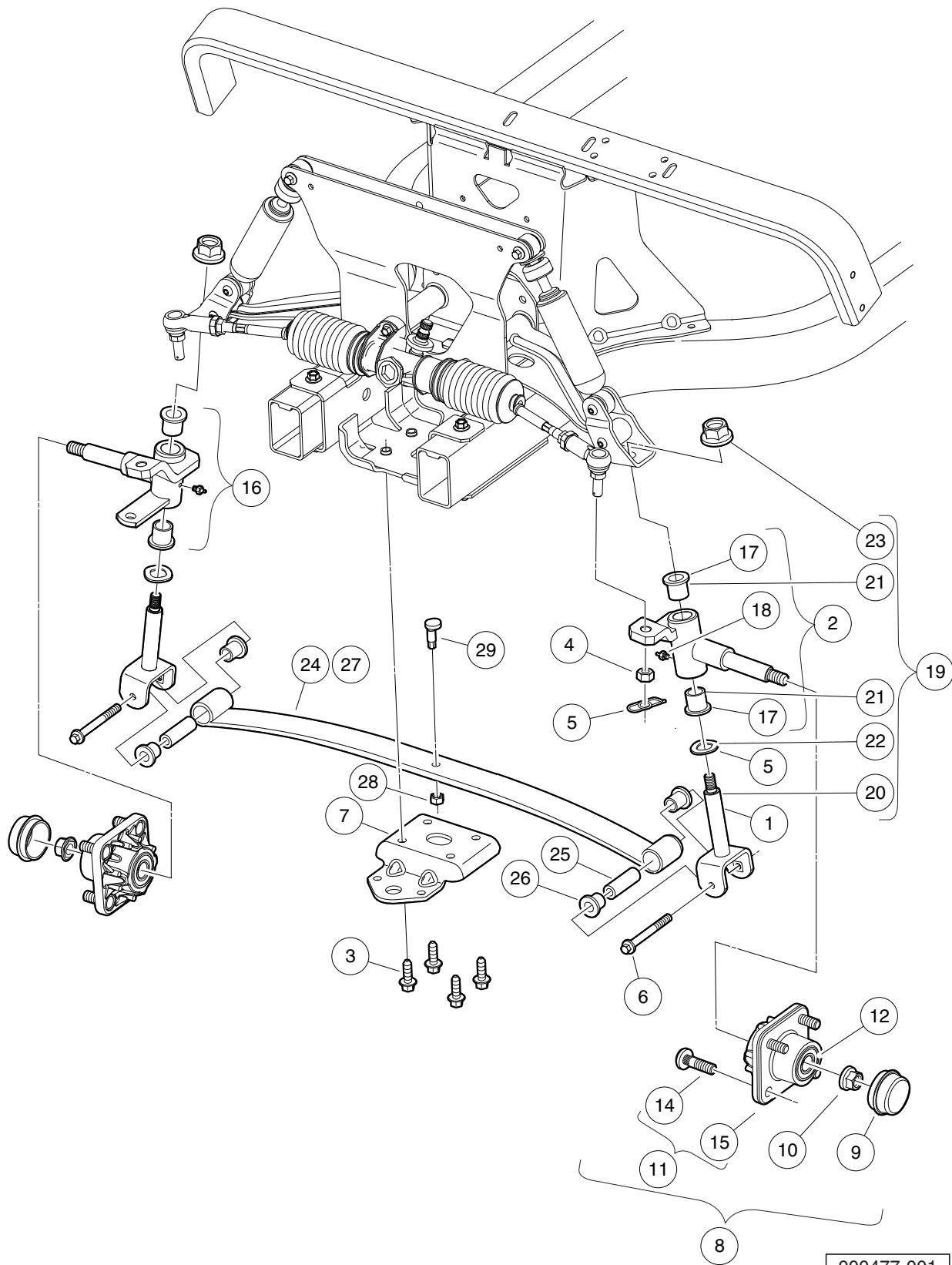
FRONT SUSPENSION, UPPER

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

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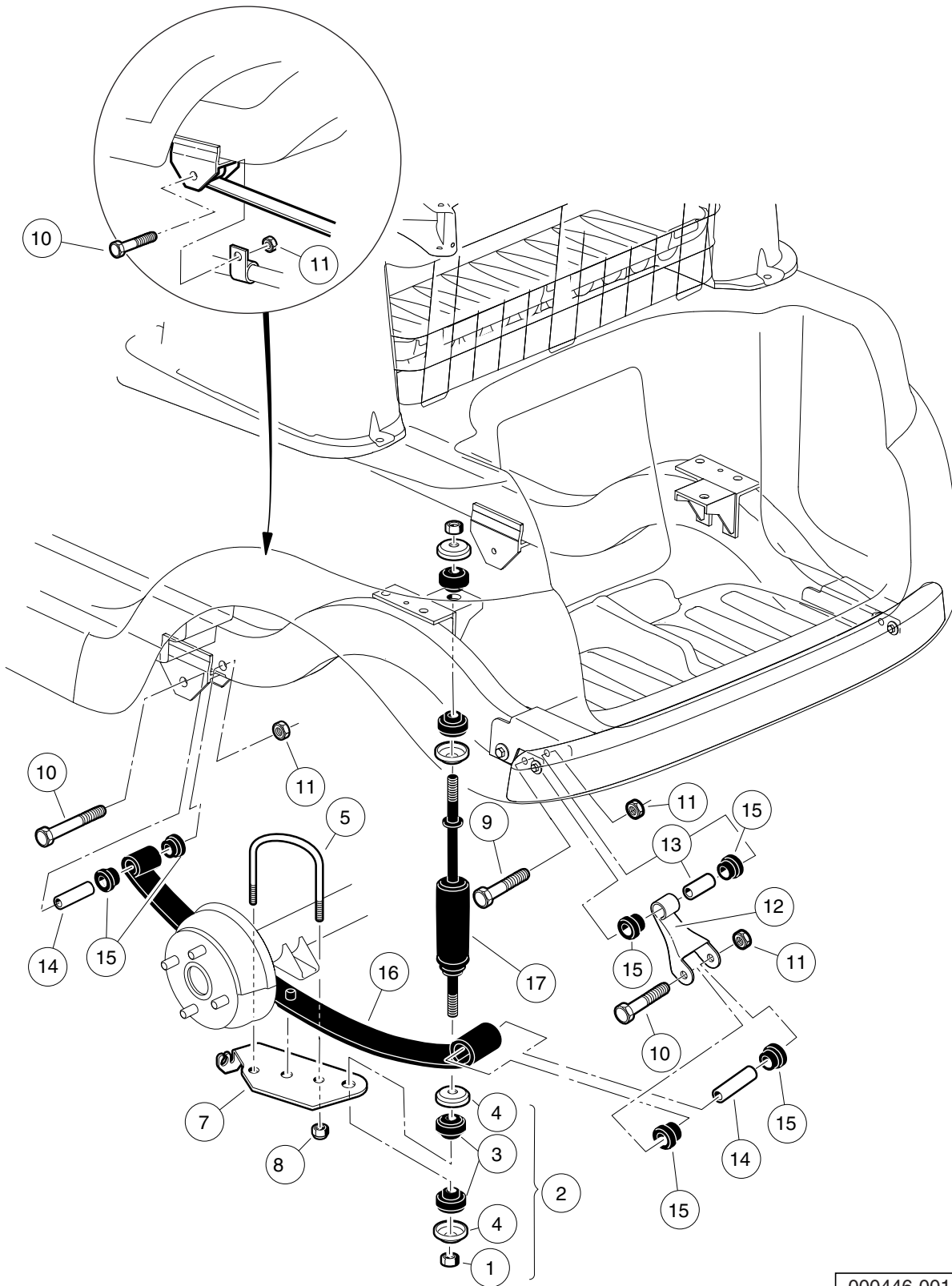
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FRONT SUSPENSION, LOWER

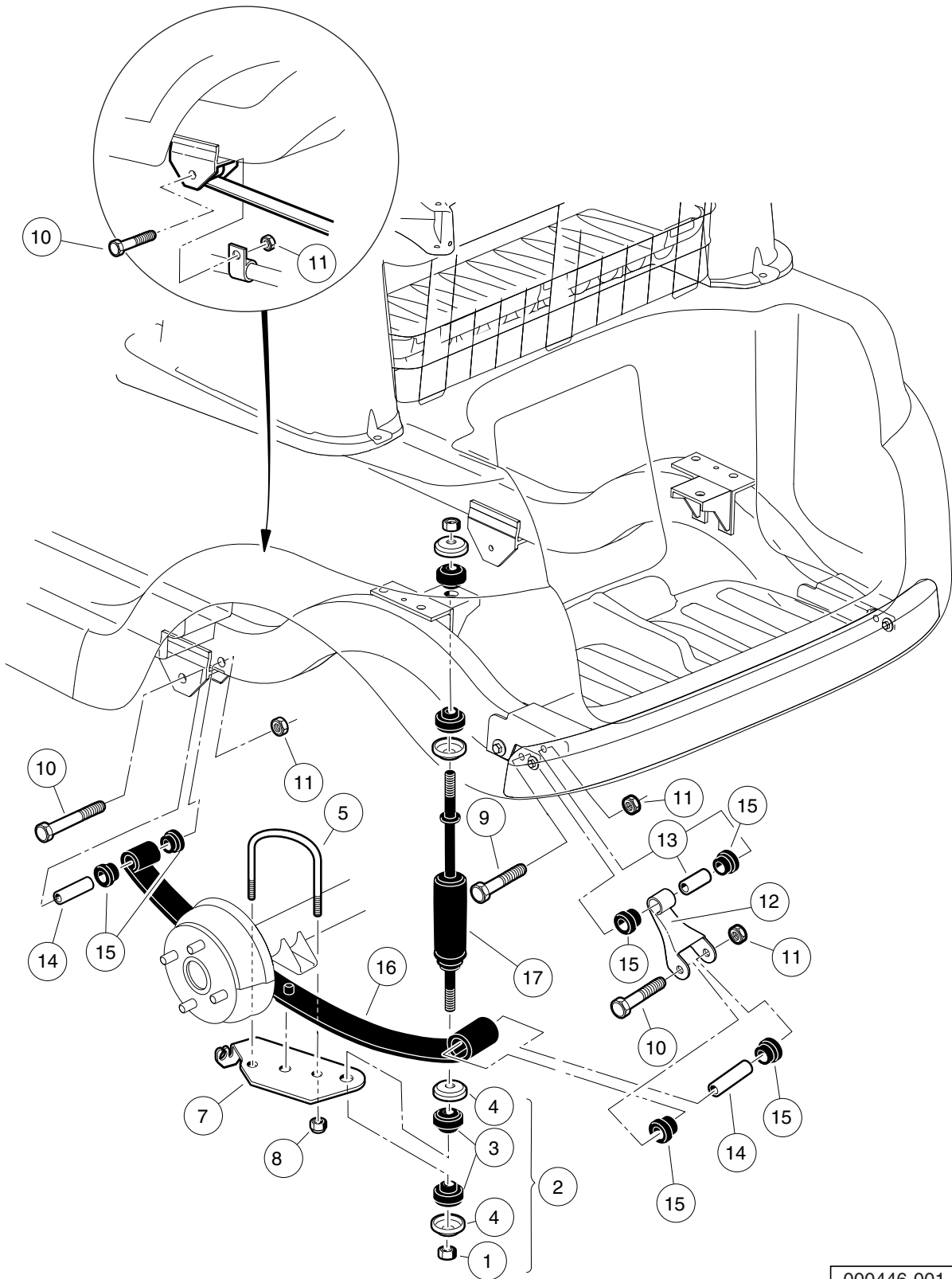
ITEM	PART NO.	DESCRIPTION	QTY	5 G E
		1 2 3 4		
1	<u>102287201</u>	Assembly - King Pin	2	
2	<u>102287901</u>	Knuckle Spindle Asm - Lh	1	
3	<u>102289101</u>	Screw-m10x1.5, Trilob, Hex Fl	4	
4	<u>102289201</u>	Nut - Hex Locking, M12 X 1.25	2	
5	<u>102289301</u>	Rue Ring - 1/2"	2	
6	<u>102289501</u>	Screw- Hex Cap, M8 X 1.25 X 70	2	
7	<u>102289801</u>	Clamp - Leaf Spring	1	
8	N/A	Replacement Kit, Front Hub (includes items 9 through 11)	1	
9	<u>102353201</u>	Cap, Front Hub	1	
10	<u>102353301</u>	Hex Nut, Locking Flange, M14x2	1	
11	N/A	Asm, Front Hub, Bb, Long Stud (includes items 12 through 15)	1	
12	N/A	Bearing, Ball, 6204	2	
13	N/A	Spacer, Bearing, Front Hub, Pm	1	
14	<u>103477901</u>	Lug Stud, 1/2-20 Unf, 4037	4	
15	N/A	Front Hub, Ball Brg, Long Stud	1	
16	<u>102878101</u>	Assy, Knuckle, Right Side (includes items 17 and 18)	1	
17	N/A	Bushings, Knuckle Spindle Asym	2	
18	N/A	Fitting, Grease, Knuckle Spindle Asym	1	
19	<u>102973801</u>	Kit, Susp, Kingpin Joints (includes items 20 through 23)	1	
20	<u>102287201</u>	Assembly - King Pin	2	
21	<u>102288201</u>	Bushing - Flanged	4	
22	<u>102288401</u>	Wave Washer - Kingpin	2	
23	<u>102878201</u>	Nut, Lock,m12,washer,conical	2	
24	<u>103711001</u>	Asm, Spring, Leaf, Front, Prec (includes items 25 through 27)	1	
25	<u>102288101</u>	Sleeve - Rolled, Spring	2	
26	<u>102956201</u>	Bushing, Urethane, Short, Prec	4	
27	N/A	Spring, 1 Leaf, Front	1	
28	<u>706</u>	Nut, Hex 3/8-16	1	
29	<u>8745</u>	Screw, Eccentric Adjustment	1	
Note: Note: Item 15 not used in all applications.				



000446-001

REAR SUSPENSION – GASOLINE VEHICLE

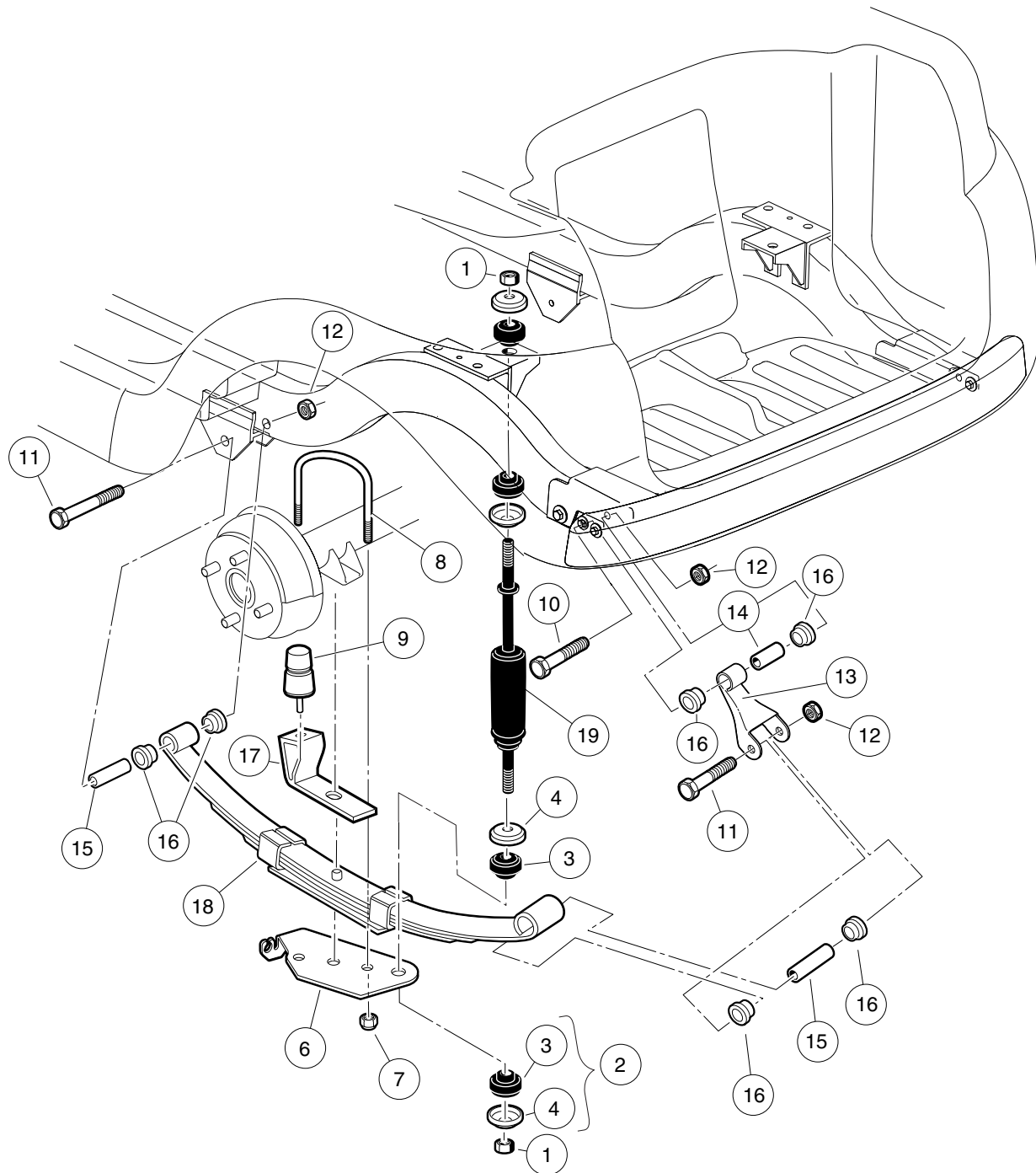
ITEM	PART NO.	DESCRIPTION	QTY	5 G E
		1 2 3 4		
1	<u>1010145</u>	Nut, 3/8-24 Hex	4	
2	<u>1011415</u>	Kit, Shock Absorber Cushion (includes items 3 and 4)	2	
3	<u>1010142</u>	Cushion, Shock Absorber	2	
4	<u>1010144</u>	Retainer, Shock Absorber Cushion	2	
5	<u>1012180</u>	U-Bolt	2	
6	<u>1012181</u>	Bracket,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



000446-001

REAR SUSPENSION – ELECTRIC VEHICLE

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



000492-001

REAR SUSPENSION – PRECEDENT VILLAGER 4

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

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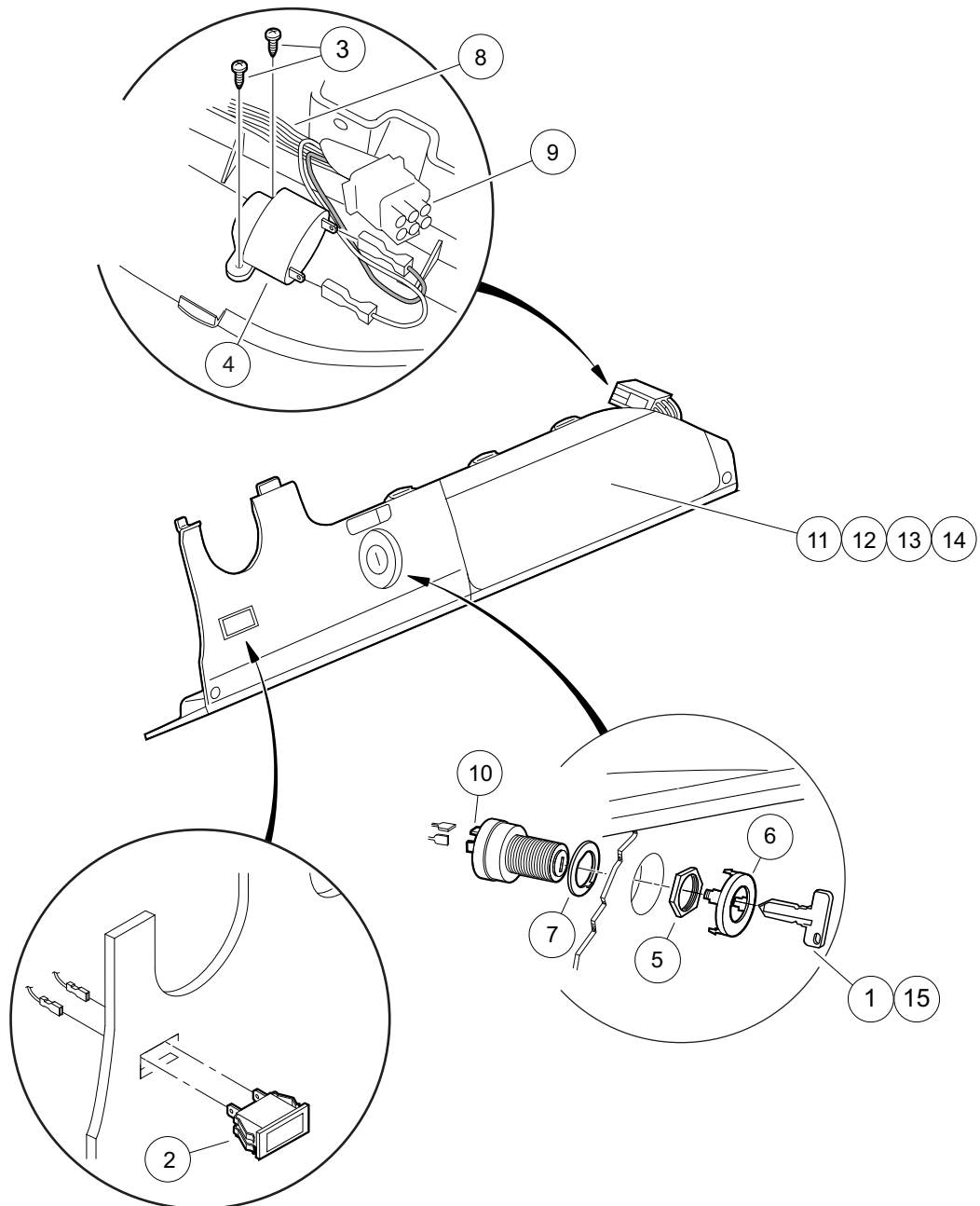
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ELECTRICAL SYSTEM – GASOLINE VEHICLE

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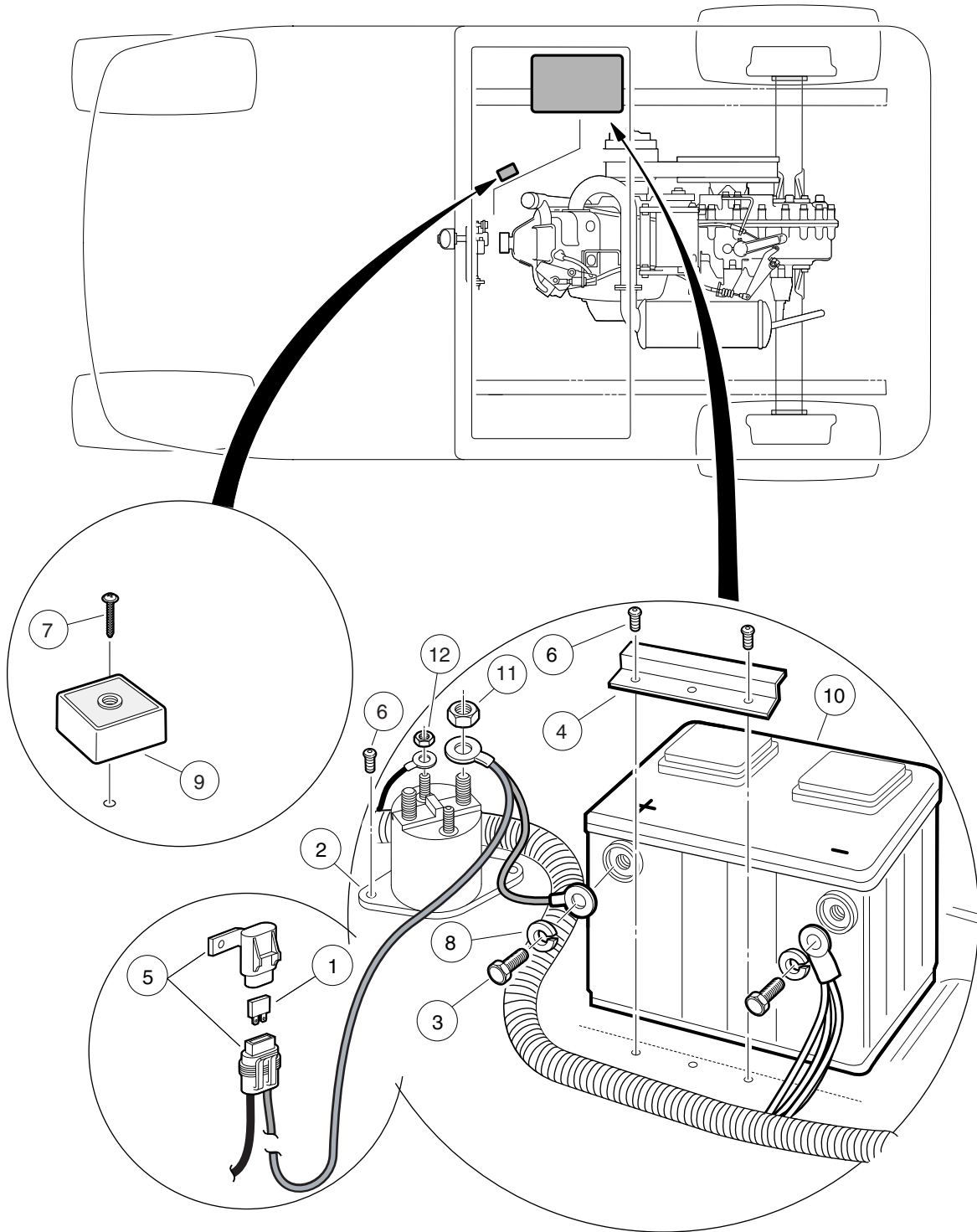
000490-002

ELECTRICAL COMPONENTS, FRONT BODY – GASOLINE VEHICLE

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

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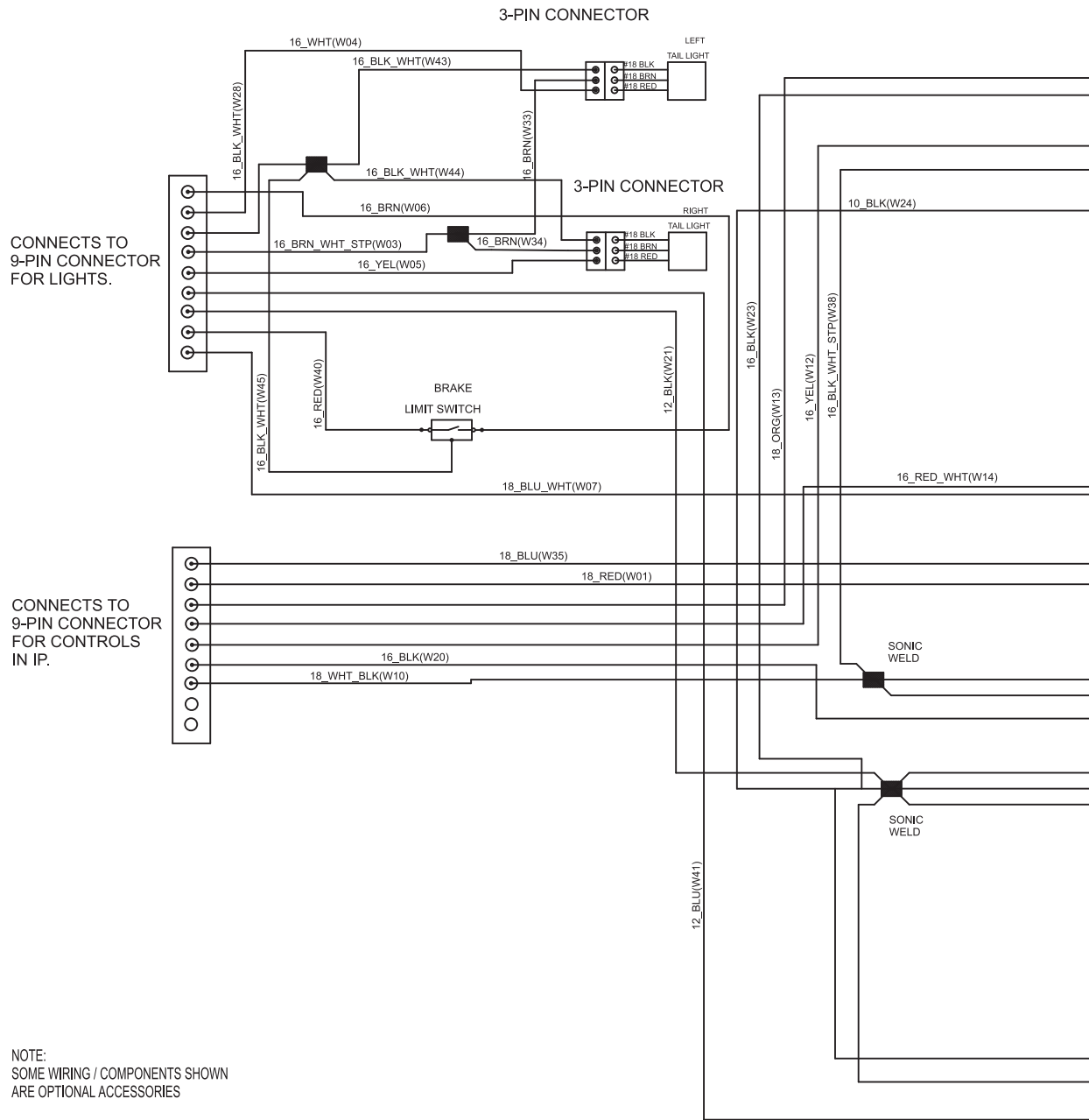
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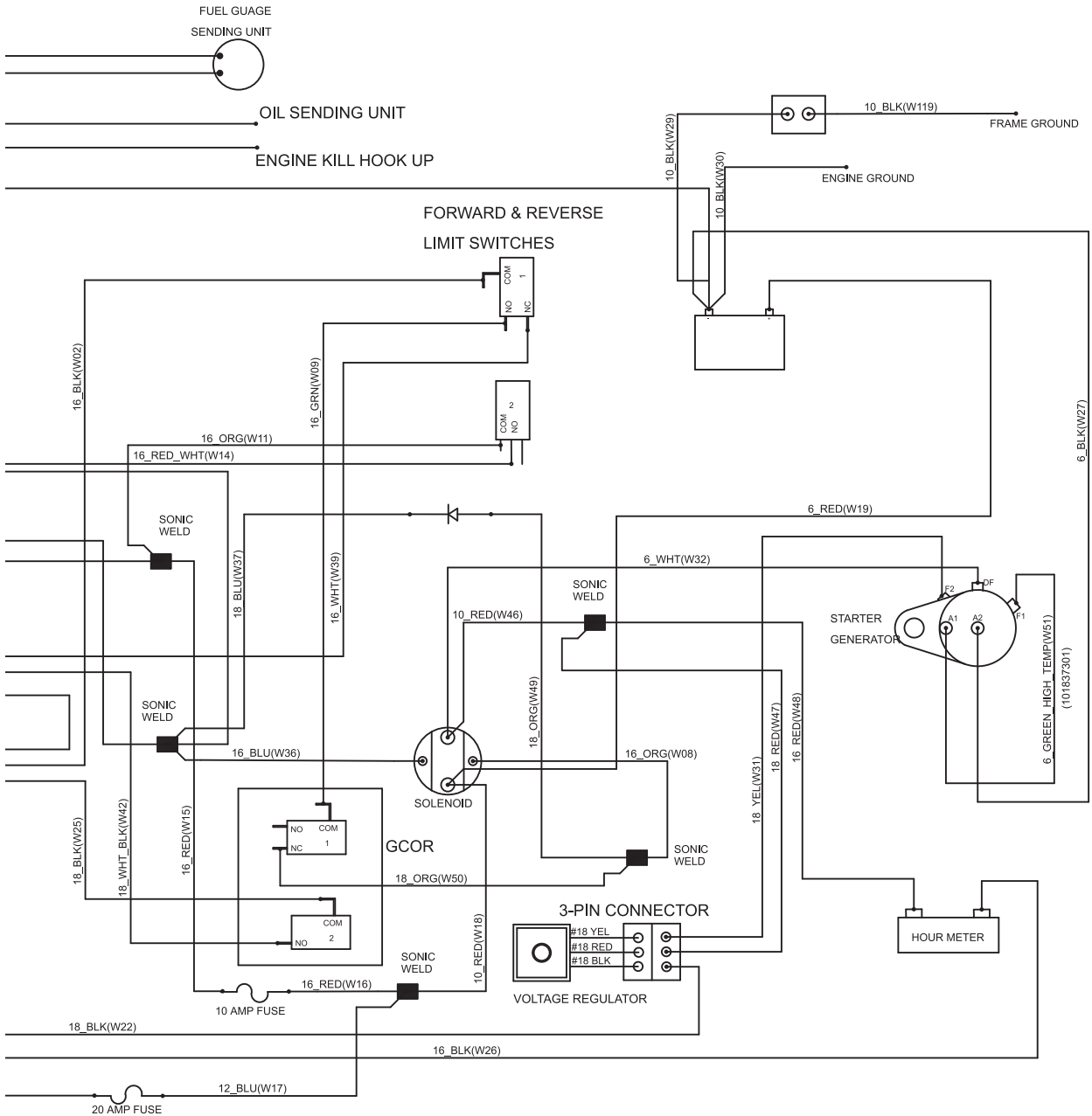
000479-001

BATTERY – GASOLINE VEHICLE

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



000481-001



000481-001

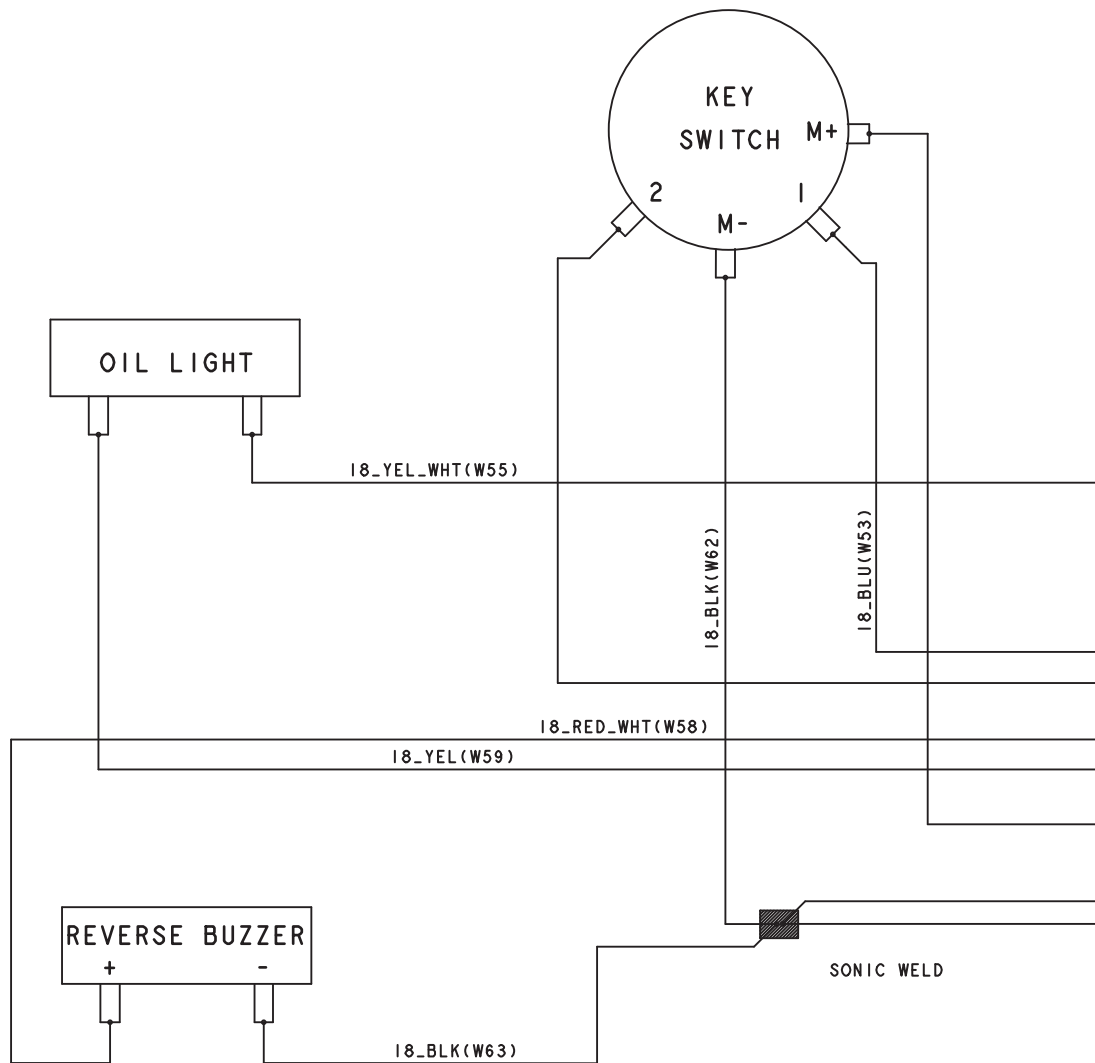
See previous two pages for illustration.

WIRING – GASOLINE VEHICLE

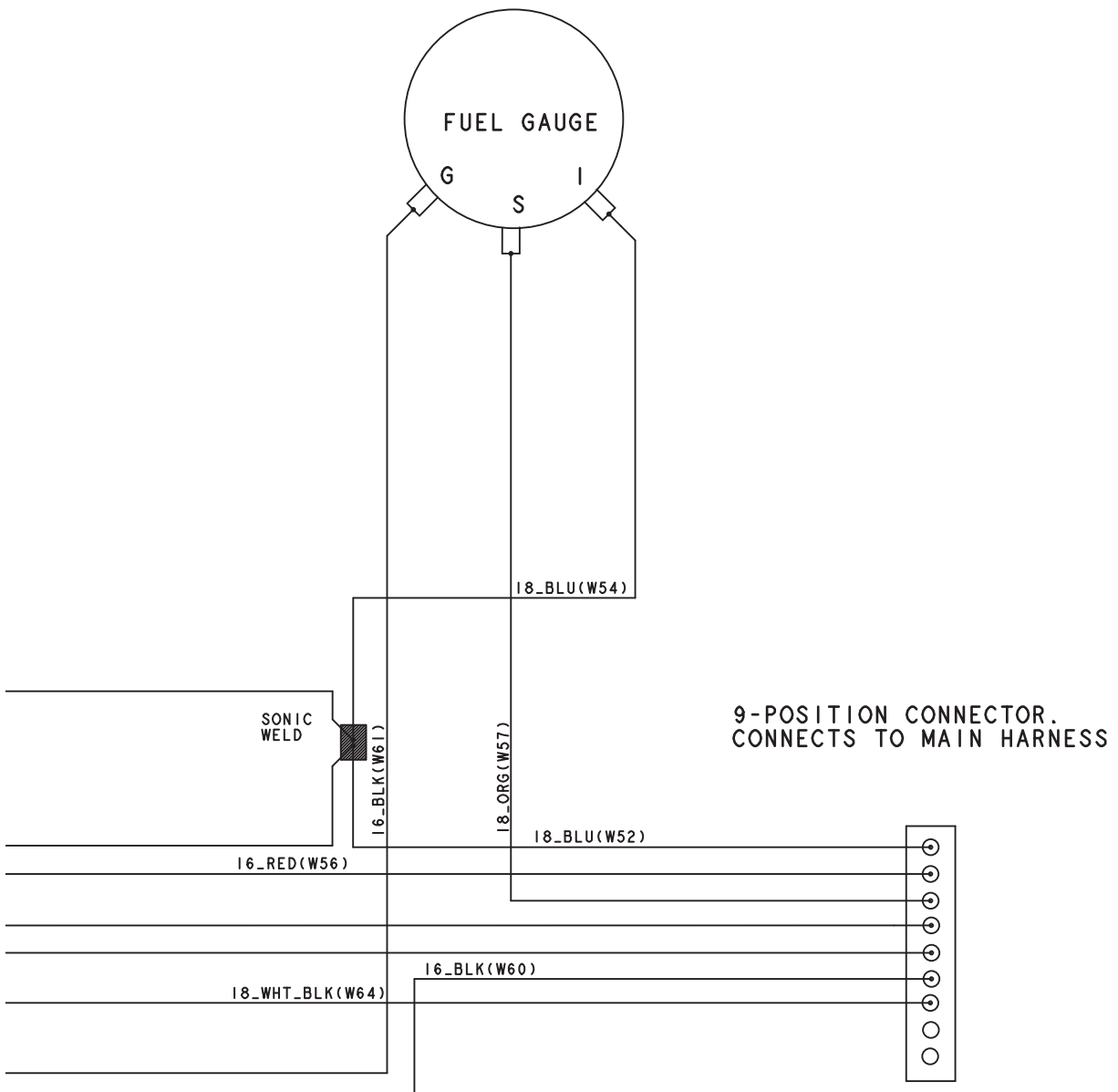
ITEM	PART NO.	DESCRIPTION	QTY
1	<u>102586201</u>	1 2 3 4 Main Harness, Gas	1

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000489-001

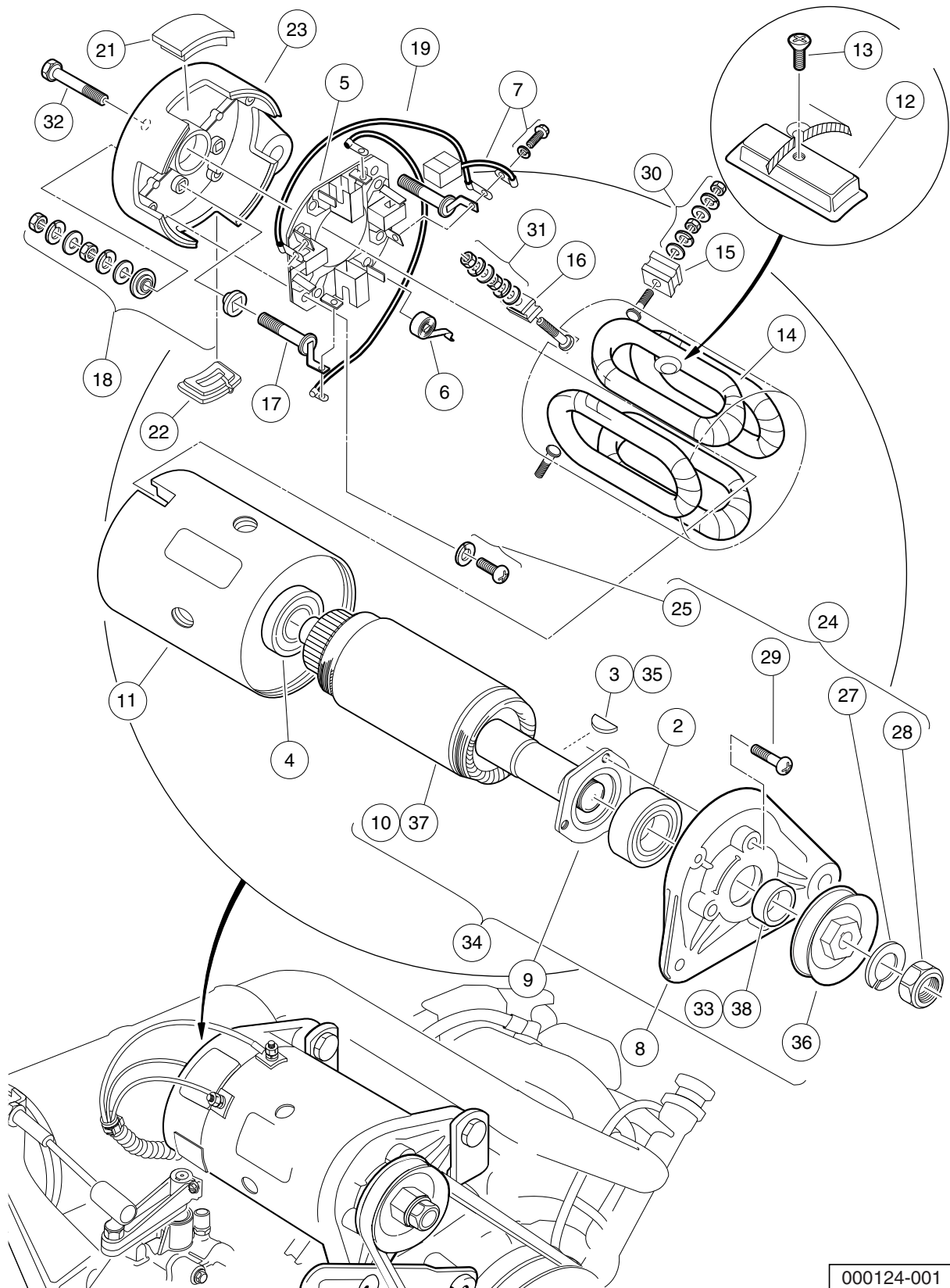


000489-001

See previous two pages for illustration.

INSTRUMENT PANEL WIRE HARNESS

ITEM	PART NO.	DESCRIPTION	QTY	6
1	<u>102515001</u>	1 2 3 4 Ip Control Harness, Gas (includes item 2)	1	G
2	N/A	Connector, Plug 9-pin	1	



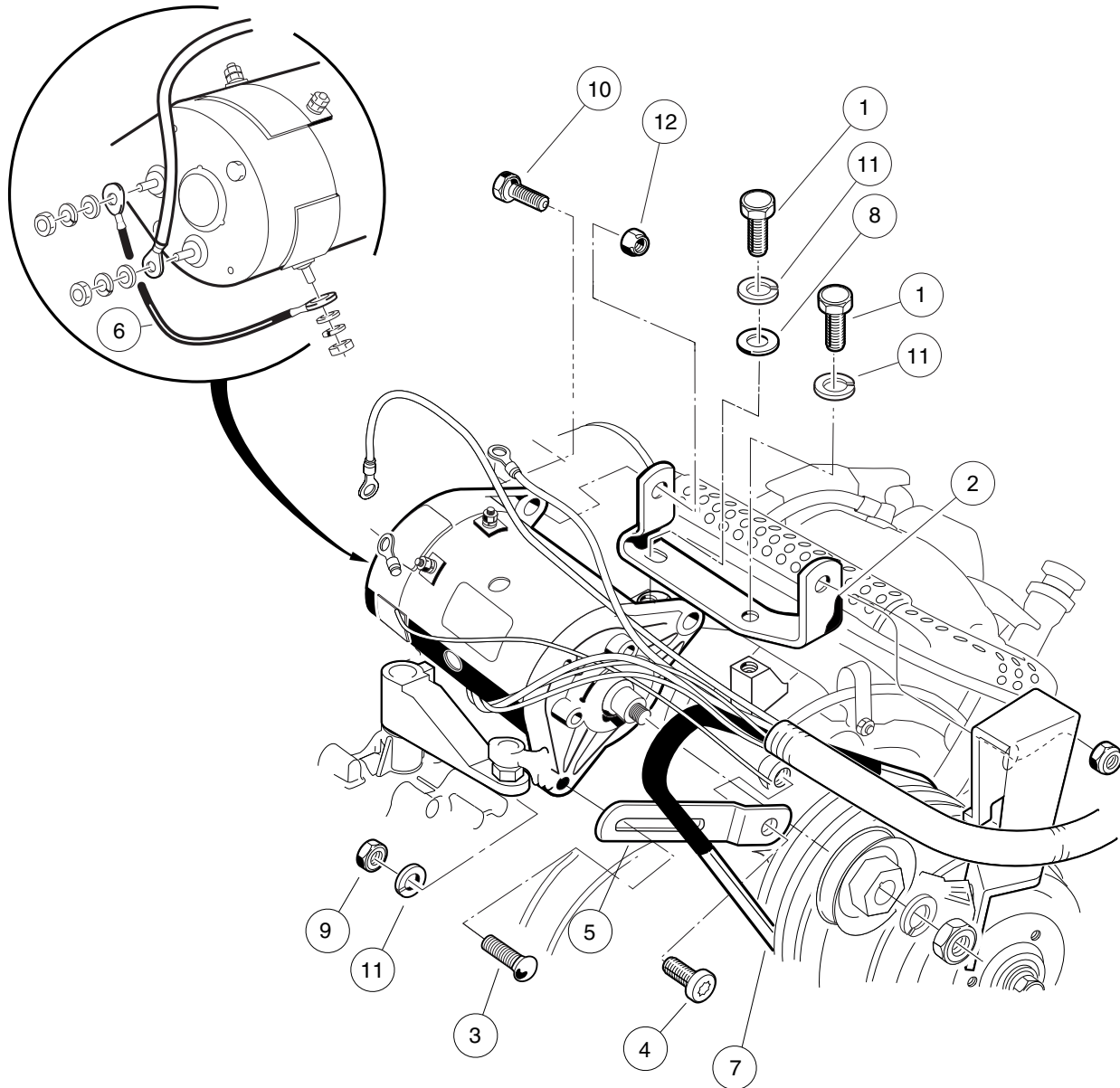
000124-001

STARTER/GENERATOR ASSEMBLY MODEL G425419 – GASOLINE VEHICLES

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

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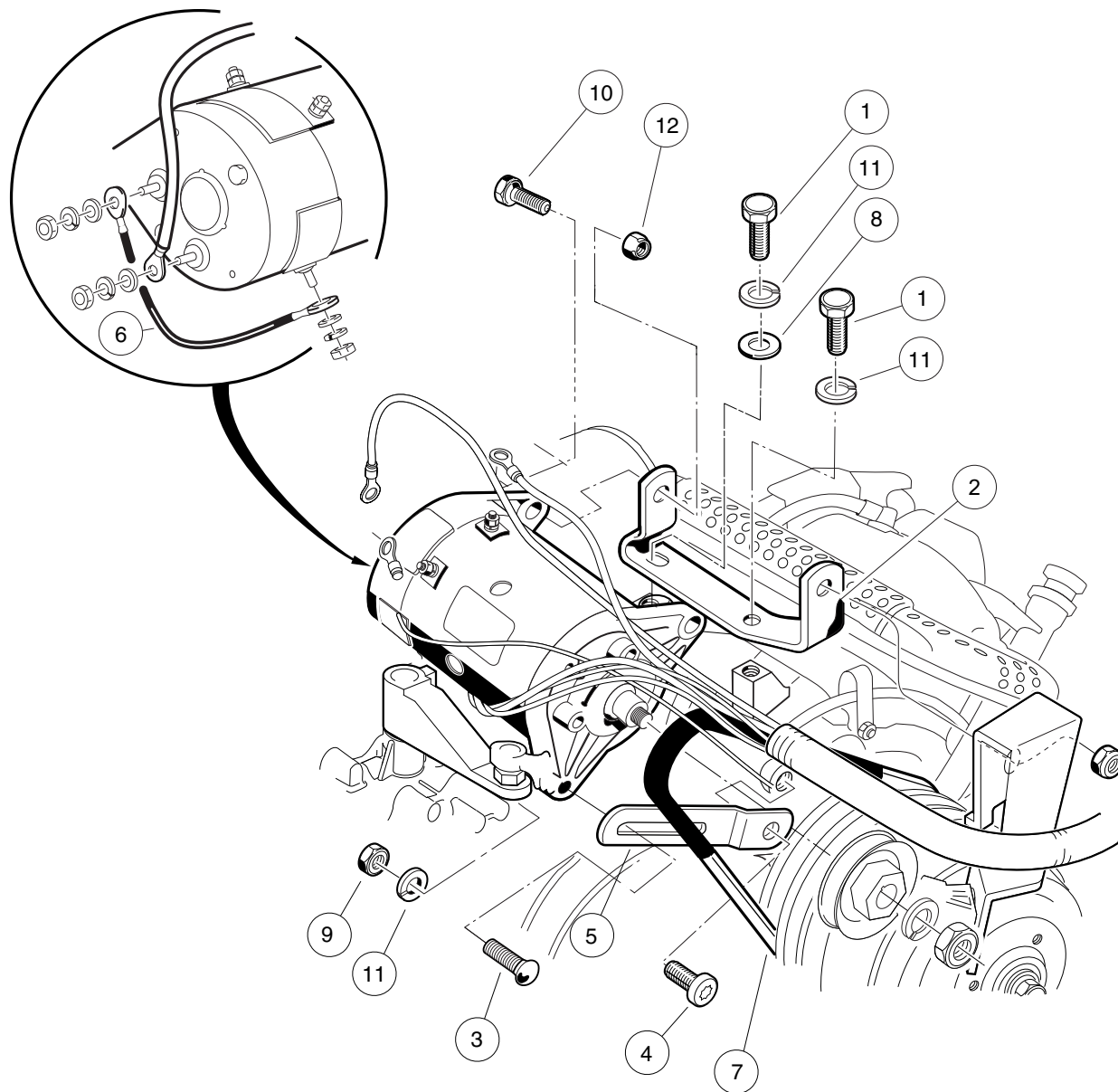
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000238-004

STARTER/GENERATOR MOUNTING – FE290

ITEM	PART NO.	DESCRIPTION	QTY	6
		1 2 3 4		G
1	<u>1012830</u>	Screw, M8-125 X 22 Hex-Head	2	
2	<u>101524001</u>	Bracket, Starter/Generator Mounting (FE290)	1	
3	<u>1015932</u>	Bolt, Carriage, 5/16-18	1	
4	<u>1016074</u>	Screw, M8-1.25 X 18mm Torx	1	
5	<u>1016883</u>	Bracket, Starter/Generator Adjustment	1	
6	<u>101837301</u>	Wire Assy, #6 Green	1	
7	<u>101916701</u>	V-Belt	1	
8	<u>1241</u>	Washer, 5/16 Type A Flat	1	
9	<u>1242</u>	Nut, 5/16-18 Hex	1	
10	<u>1624</u>	Screw, 3/8-16 X 1.50 Hex-Head Cap	2	
11	<u>7174</u>	Lockwasher, 5/16 Split	3	
12	<u>8754</u>	Locknut, 3/8-16 Hex	2	



000238-004

STARTER/GENERATOR MOUNTING – FE350

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

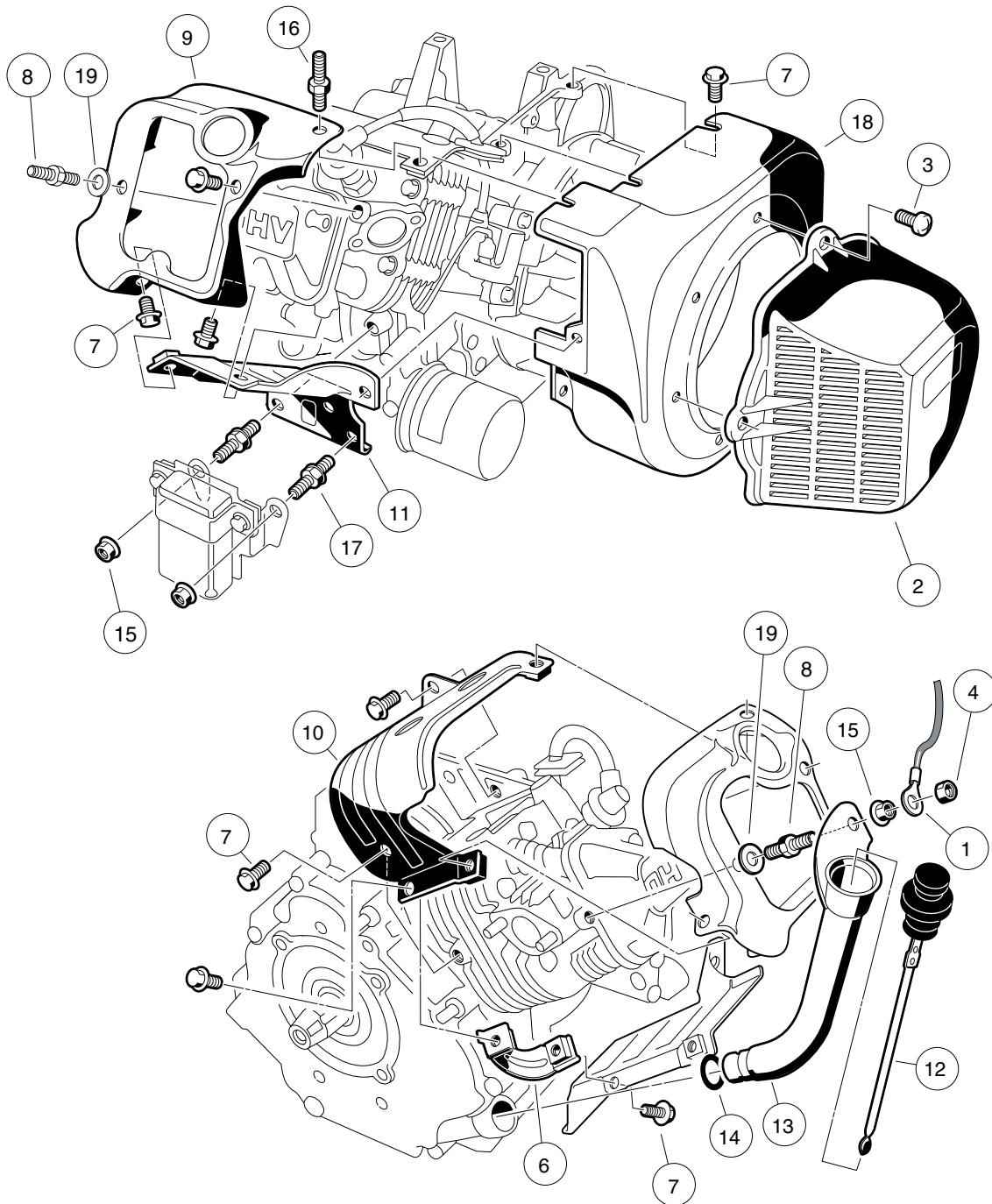
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FE290 ENGINE

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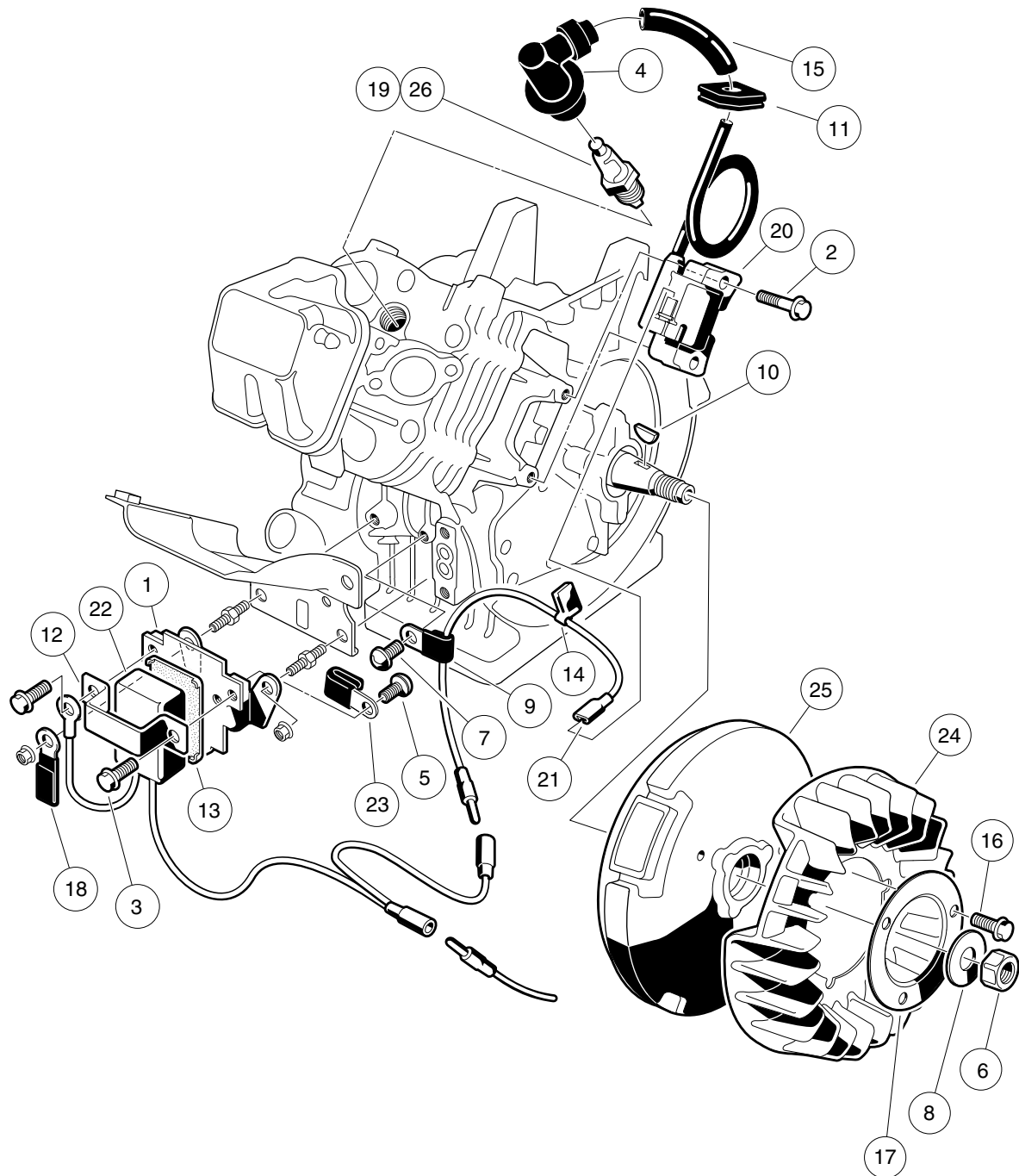
000194-001

FE290 ENGINE – SHROUDS AND BRACKETS

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1015332</u>	Wire Assembly, #10, Uninsulated	1
2	<u>1015649</u>	Shroud, Fan	1
3	<u>1015969</u>	Screw, M6-1.00 X 10mm Pan Hd	4
4	<u>101887601</u>	Locknut, M6-1.00 Nylon Insert	1
5	<u>101953901</u>	Engine, FE290 (cw) * (includes items 6 through 19)	1
6	<u>1016443</u>	Bracket	1
7	<u>1016456</u>	Bolt, Flange Head, M6 x 1 x 12 mm	15
8	<u>1016507</u>	Bolt, Two-Ended	1
9	<u>1016524</u>	Shroud, Engine, FE290D	1
10	<u>1016525</u>	Shroud, Engine, FE290D	1
11	<u>1016526</u>	Shroud, Engine, FE290D	1
12	<u>1016531</u>	Dipstick	1
13	<u>1016536</u>	Tube, Oil Filler, FE290D	1
14	<u>1016539</u>	O-Ring	1
15	<u>1016547</u>	Nut, M6 Flange	3
16	<u>1017221</u>	Screw, M6-1.00 Stud	1
17	<u>101909701</u>	Stud, M6-1.00, Two-Ended	2
18	<u>101915601</u>	Housing, FE290 Fan	1
19	N/A	Washer, 6 mm Flat	1
* Note: FE290 engine component listings span several pages.			

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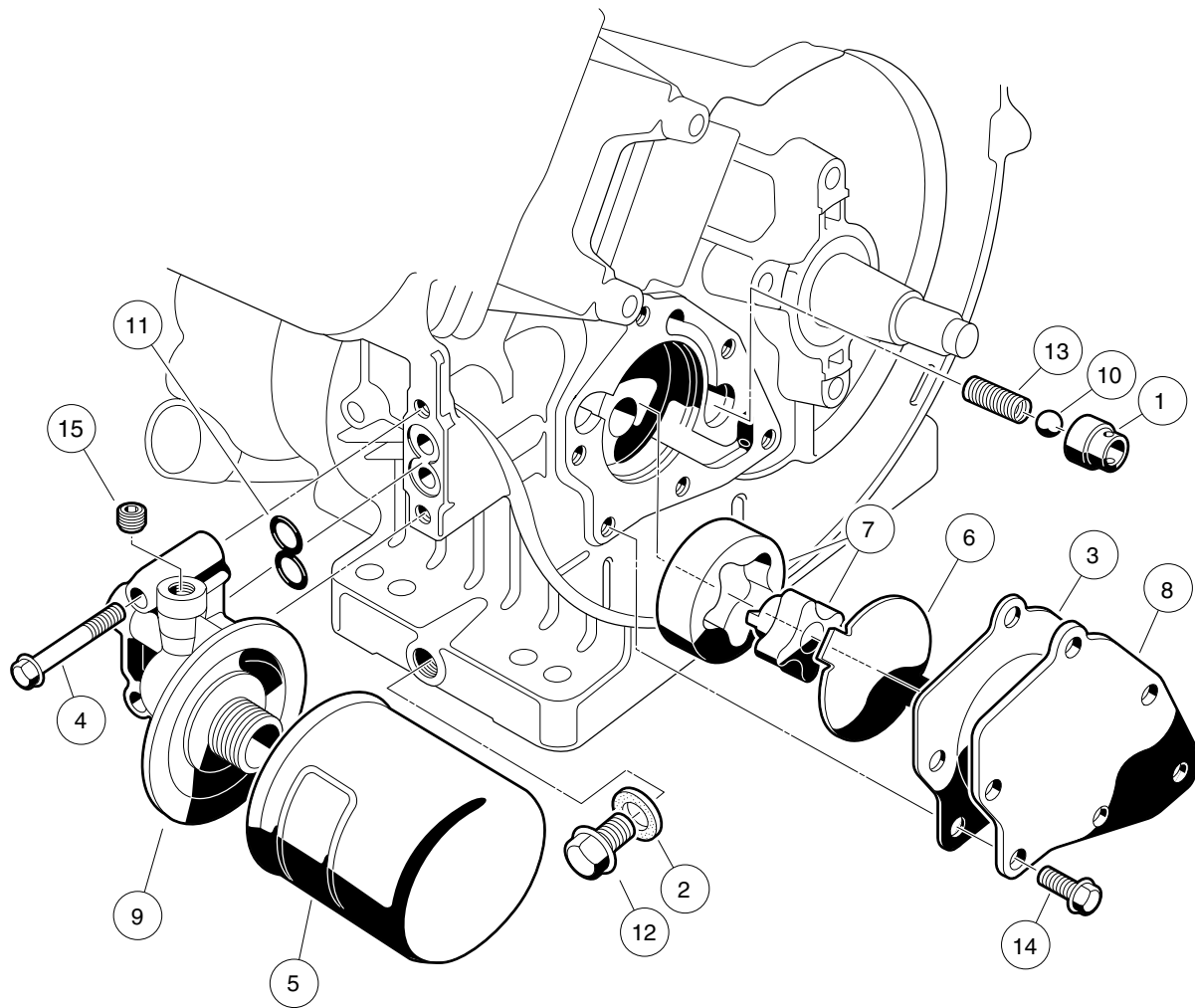
000195-001

FE290 ENGINE – IGNITION COMPONENTS AND FLYWHEEL

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1016445	Bracket, RPM Limiter	1
2	<u>1016455</u>	Bolt, Flange Head	2
3	1016456	Bolt, Flange Head, M6 x 1 x 12 mm	2
4	<u>1016493</u>	Cap, Spark Plug	1
5	<u>1016497</u>	Screw, Pan WP Cross	1
6	<u>1016505</u>	Nut, Hex, Fine	1
7	<u>1016544</u>	Screw	1
8	<u>1016548</u>	Washer, M16 Flat	1
9	<u>1016561</u>	Clamp	1
10	<u>1016562</u>	Key	1
11	<u>1016578</u>	Ignition, Grommet	1
12	<u>1016579</u>	Band, RPM Limiter Mount	1
13	1016586	Damper, RPM Limiter	1
14	<u>1016587</u>	Clamp	1
15	<u>1016588</u>	Tube, 7mm X 10mm X 70mm	1
16	<u>1017448</u>	Bolt, Flanged	3
17	<u>1017455</u>	Plate, Flywheel Fan	1
18	<u>1017468</u>	Clamp	1
19	<u>101881101</u>	Spark Plug, OHV (Autolite)	1
20	<u>101909201</u>	Coil, Ignition	1
21	<u>101909301</u>	Lead Wire Assy	1
22	101909401	Limiter, RPM	1
23	101909501	Clamp, Steel	1
24	<u>101915801</u>	Fan, FE290 (cw)	1
25	<u>101929301</u>	Flywheel, Complete	1
26	<u>AM10724</u>	Spark Plug, OHV (NGK)	1

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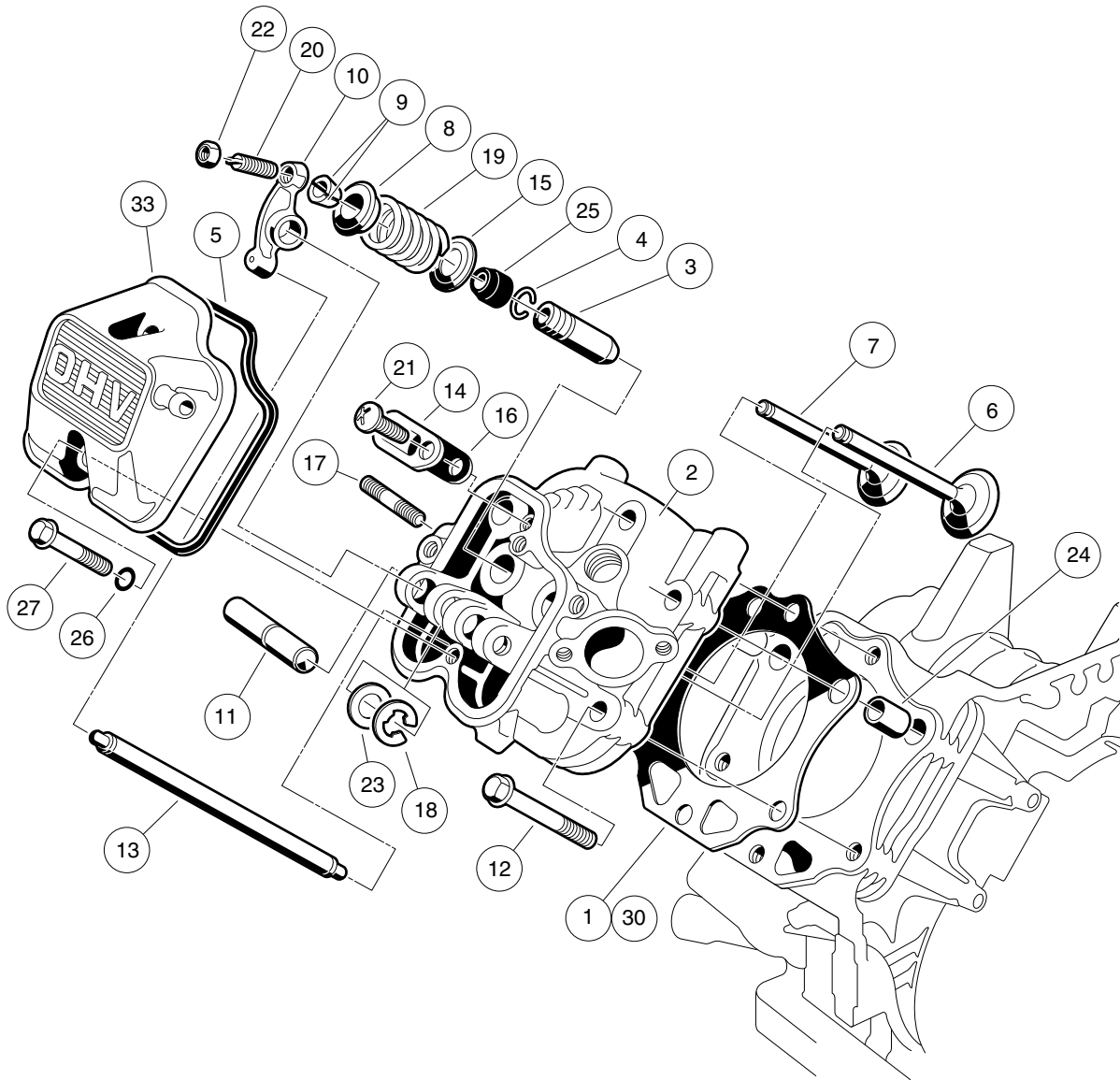
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000196-001

FE290 ENGINE – OIL CIRCULATION

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

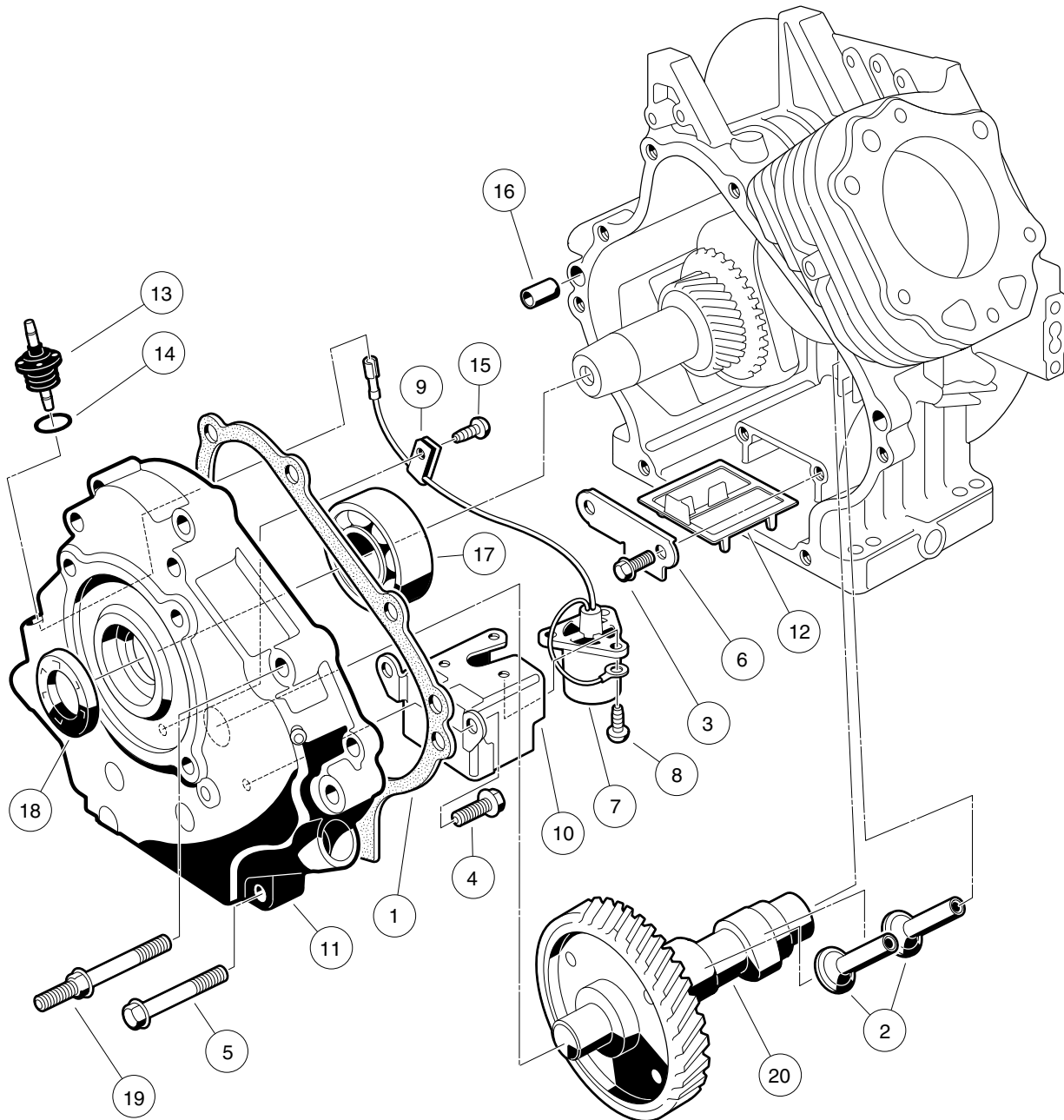


000197-001

FE290 ENGINE – CYLINDER HEAD

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1016430</u>	Gasket, Head, FE290	1
2	<u>1016431</u>	Head Assembly, FE290 Cylinder (includes items 3 and 4)	1
3	<u>1016519</u>	Guide, Valve	2
4	<u>1016560</u>	Snap Ring	2
5	<u>1016436</u>	Gasket, Rocker Case	1
6	<u>1016447</u>	Valve, Intake	1
7	<u>1016448</u>	Valve, Exhaust	1
8	<u>1016449</u>	Retainer, Valve Spring	2
9	<u>1016450</u>	Collet	4
10	<u>1016451</u>	Arm, Rocker	2
11	<u>1016452</u>	Shaft, Rocker	1
12	<u>1016458</u>	Bolt, Flange Head, M8 x 1.25 x 45 mm	6
13	<u>1016471</u>	Rod, Push	2
14	<u>1016474</u>	Plate	1
15	<u>1016479</u>	Seat, Spring	2
16	<u>1016483</u>	Valve	1
17	<u>1016489</u>	Stud, Two-Ended, M8-1.25	2
18	<u>1016517</u>	Circlip, Type-E	1
19	<u>1016523</u>	Spring, Engine Valve	2
20	<u>1016542</u>	Screw	2
21	<u>1016544</u>	Screw	1
22	<u>1016545</u>	Nut	2
23	<u>1016549</u>	Washer, 12.1x19x1.8	1
24	<u>1016563</u>	Pin	2
25	<u>1016566</u>	Seal, Oil	2
26	<u>1016569</u>	O-Ring	2
27	<u>1016583</u>	Bolt, 6x35	2
28	<u>102304701</u>	Kit, Gasket, FE290 (includes items 29 through 32)	1
29	<u>1015330</u>	Gasket, Exhaust	1
30	<u>1016430</u>	Gasket, Head, FE290	1
31	<u>1016440</u>	Gasket, Engine to Insulator	1
32	<u>1016446</u>	Gasket, Crankcase Cover	1
33	<u>102753401</u>	Case, Rocker	1

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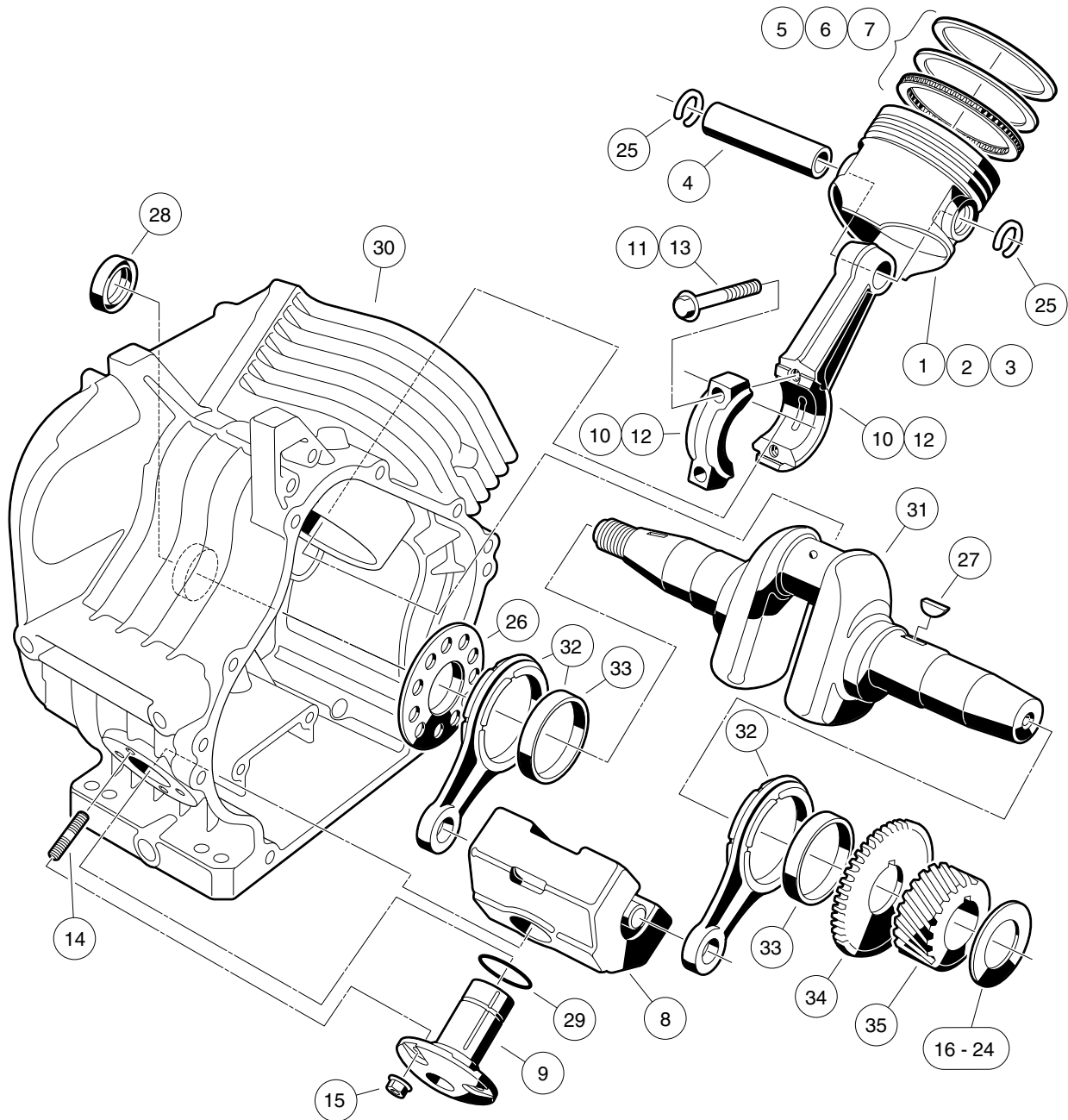
000198-001

FE290 ENGINE – CRANKCASE, CAMSHAFT, AND OIL SENSOR

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

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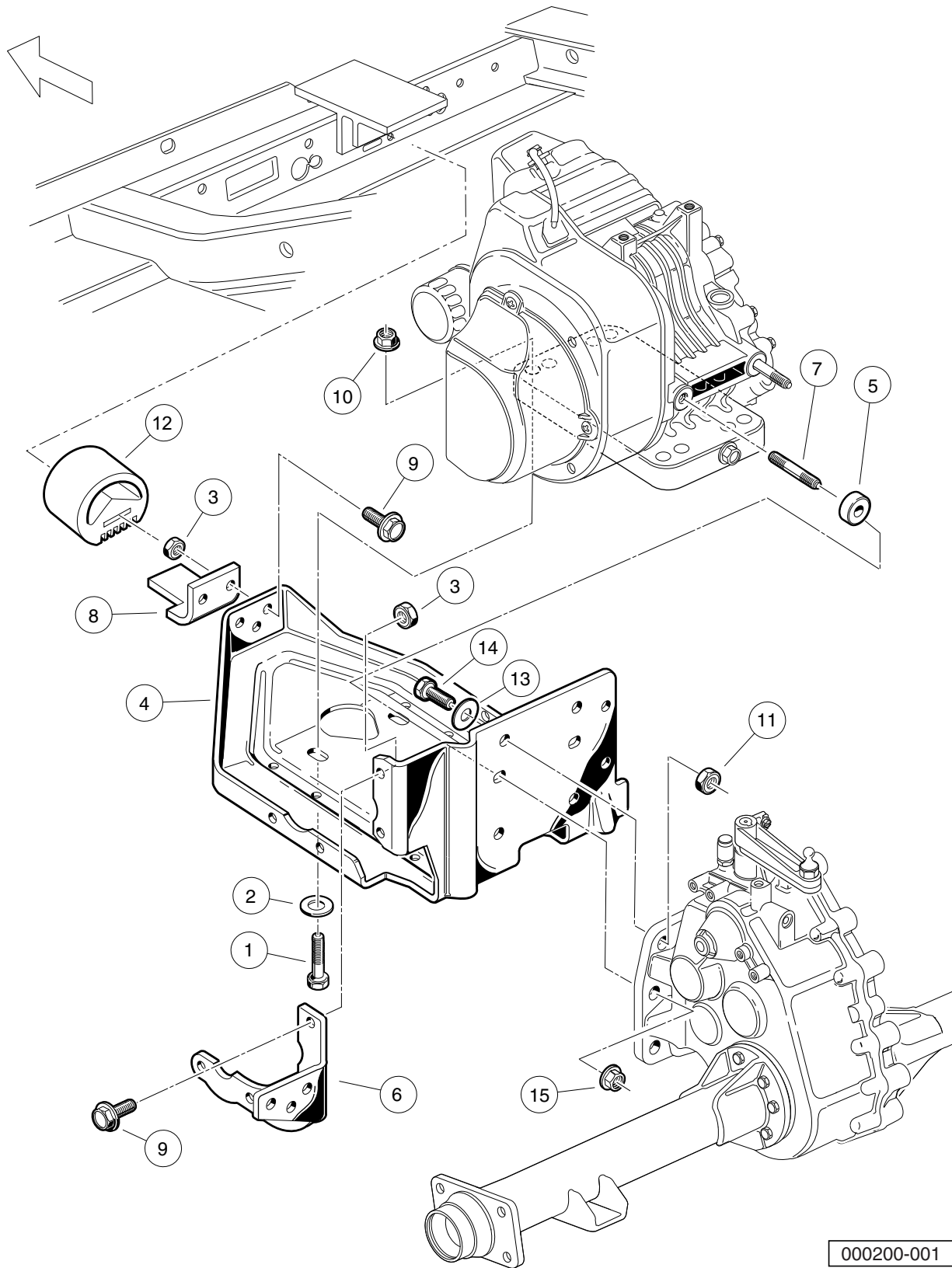


000199-001

FE290 ENGINE – CRANKCASE AND CRANKSHAFT

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>101645901</u>	Piston	1
2	<u>101645902</u>	Piston, Engine 0.25 mm Over	1
3	<u>101645903</u>	Piston, Engine 0.50 mm Over	1
4	<u>1016460</u>	Pin, Piston	1
5	<u>101646101</u>	Ring Set, Piston	1
6	<u>101646102</u>	Ring Set, Piston 0.25 mm Over	1
7	<u>101646103</u>	Ring Set, Piston 0.50 mm Over	1
8	<u>1016469</u>	Weight, Counterbalance	1
9	<u>1016470</u>	Shaft, Guide, Counterbalance	1
10	<u>101647501</u>	Rod Assembly (includes item 11)	1
11	<u>1016509</u>	Bolt	2
12	<u>101647502</u>	Rod Assembly, Connecting 0.50 mm Under (includes item 13)	1
13	<u>1016509</u>	Bolt	2
14	<u>1016541</u>	Stud, 6x14	4
15	<u>1016547</u>	Nut, M6 Flange	4
16	<u>101655001</u>	Shim, Crankshaft T=1.13	1
17	<u>101655002</u>	Shim, Crankshaft T=1.18	1
18	<u>101655003</u>	Shim, Crankshaft T=1.23	1
19	<u>101655004</u>	Shim, Crankshaft T=1.28	1
20	<u>101655005</u>	Shim, Crankshaft T=1.33	1
21	<u>101655006</u>	Shim, Crankshaft T=1.38	1
22	<u>101655007</u>	Shim, Crankshaft T=1.43	1
23	<u>101655008</u>	Shim, Crankshaft T=1.48	1
24	<u>101655009</u>	Shim, Crankshaft T=1.53	1
25	<u>1016558</u>	Ring, Snap	2
26	<u>1016559</u>	Spacer	1
27	<u>1016562</u>	Key	1
28	<u>1016568</u>	Seal, Oil	1
29	<u>1016571</u>	O-Ring	1
30	<u>101915501</u>	Crankcase Complete, FE290 (cw)	1
31	<u>101922301</u>	Crankshaft, FE290 Left-Hand Thread (includes items 32 through 35)	1
32	<u>1016516</u>	Rod (includes item 33)	2
33	<u>1016580</u>	Bearing, Plane	1
34	<u>1016532</u>	Gear, Spur	1
35	<u>1016533</u>	Gear, Helical	1

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000200-001

FE290 ENGINE MOUNTING

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1010577</u>	Bolt, Hex-Head, 5/16-18 X 1.50	4
2	<u>1012571</u>	Washer, 5/16 Extra Thick Flat	4
3	<u>1013924</u>	Nut, 5/16-24 Hex Head Cone	6
4	<u>101827101</u>	Plate, Engine Mounting	1
5	<u>101832101</u>	Spacer, Powdered Metal	2
6	<u>101832701</u>	Stiffener (Flywheel Side)	1
7	<u>101833201</u>	Stud, M8-1.25 X 60mm Two-Ended	2
8	<u>101834601</u>	Snubber Bracket	1
9	<u>101884801</u>	Screw, 5/16-24 X 0.875 Grade-8	6
10	<u>101963401</u>	Locknut, 5/16-18 Hex Flange	4
11	<u>102065901</u>	Locknut, 3/8-16 Flanged Dimple	4
12	<u>102540301</u>	Inner Frame Snubber	1
13	<u>334</u>	Washer, 3/8 Type A Flat	4
14	<u>705</u>	Screw, Cap-hex Hd 3/8-16x1.25	4
15	<u>96704416</u>	Nut Flg, M8 X 1.25 Serrated	2

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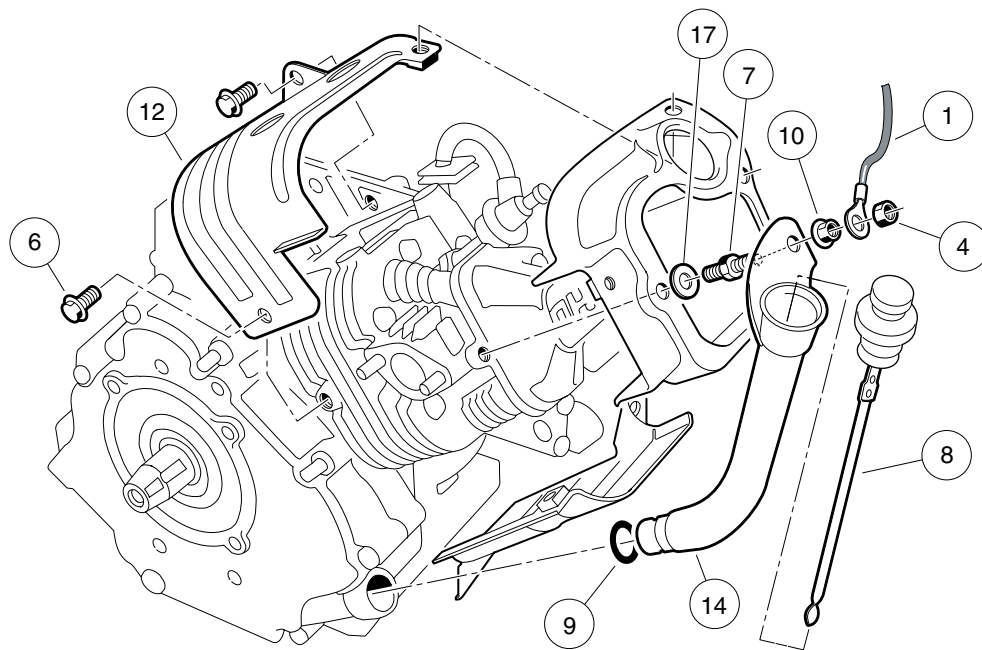
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AS11 FE350 ENGINE

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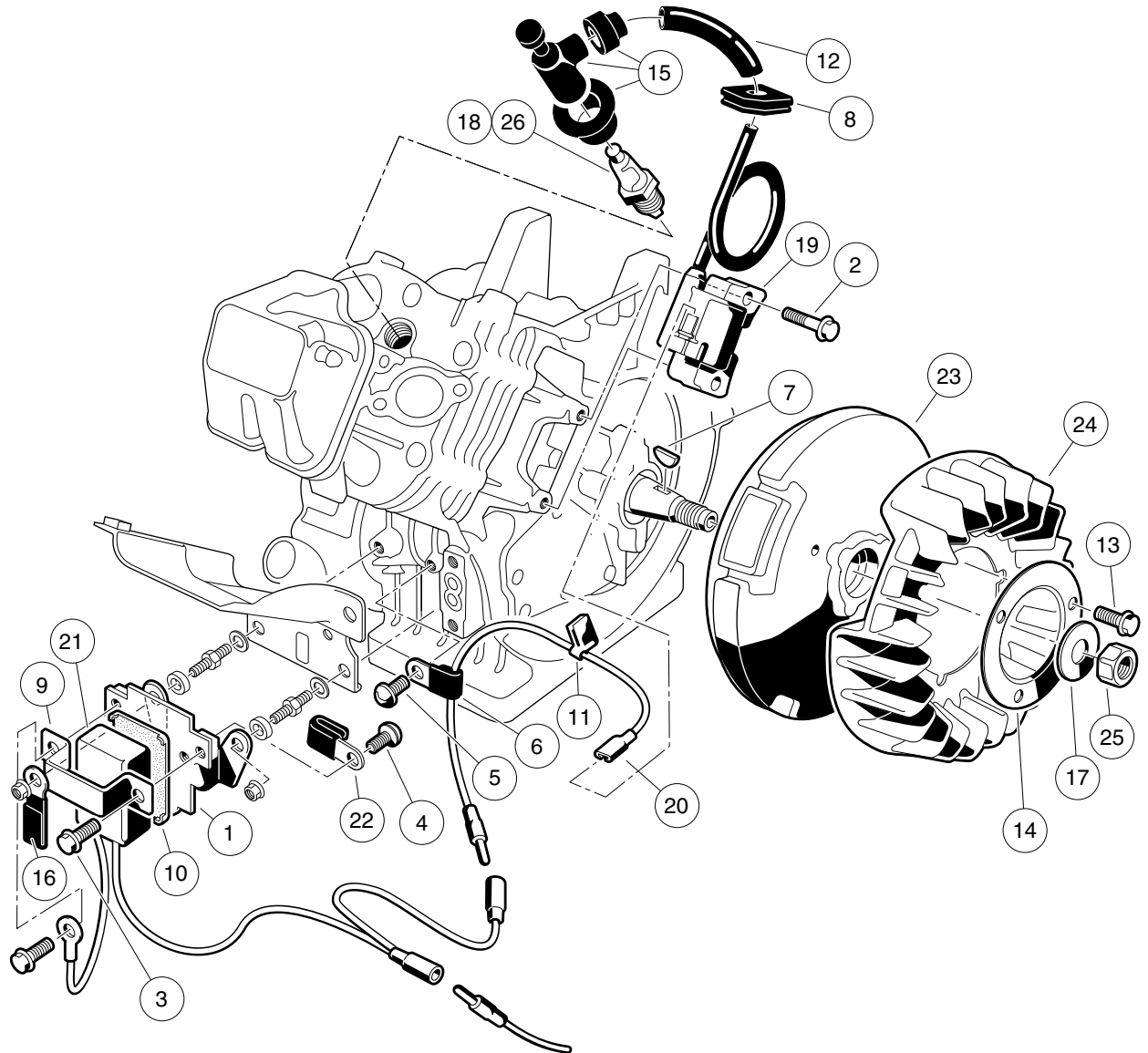
2005-2006 Precedent Golf Cars Illustrated Parts List

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

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

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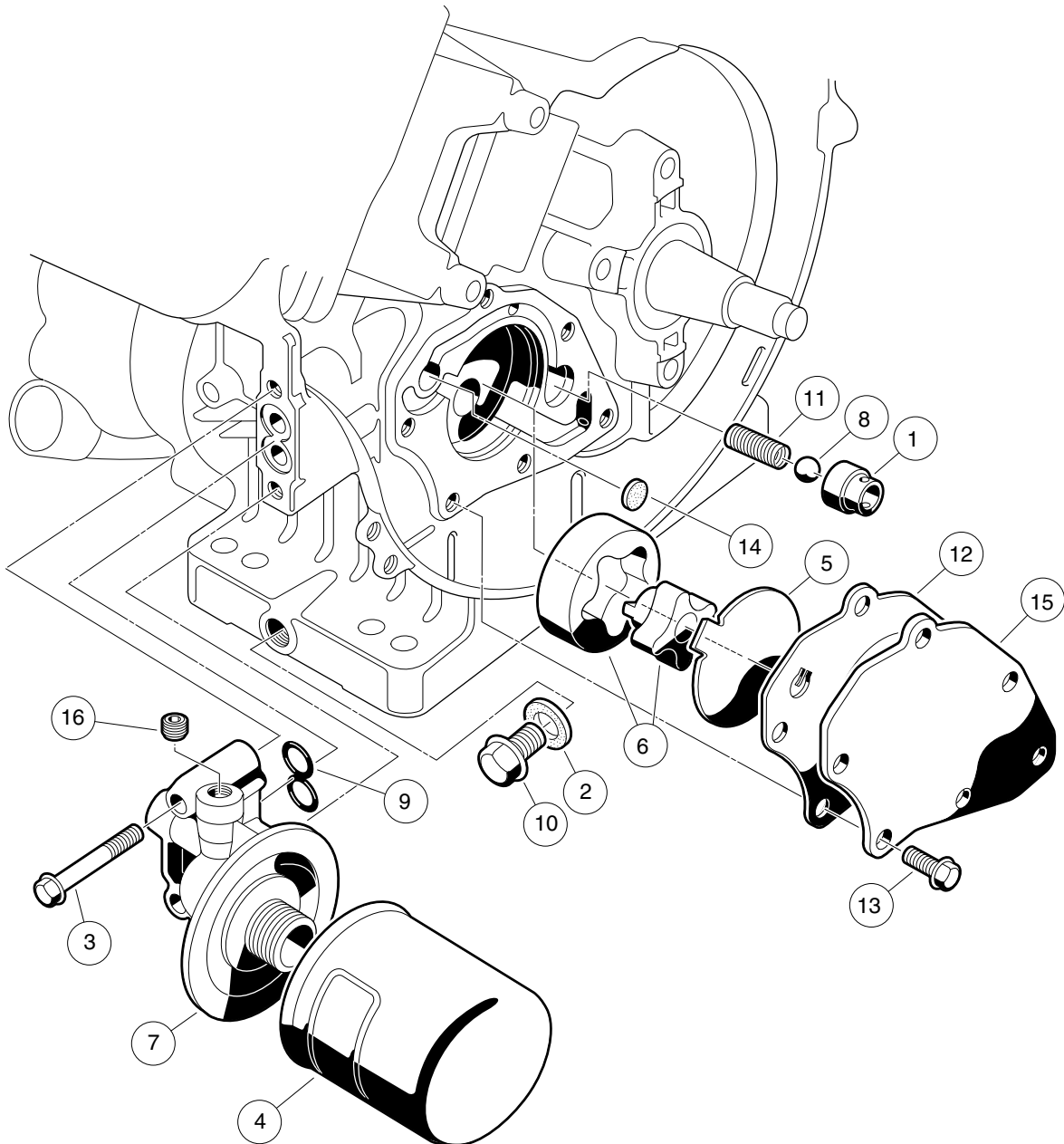
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000202-001

AS11 FE350 ENGINE – IGNITION COMPONENTS AND FLYWHEEL

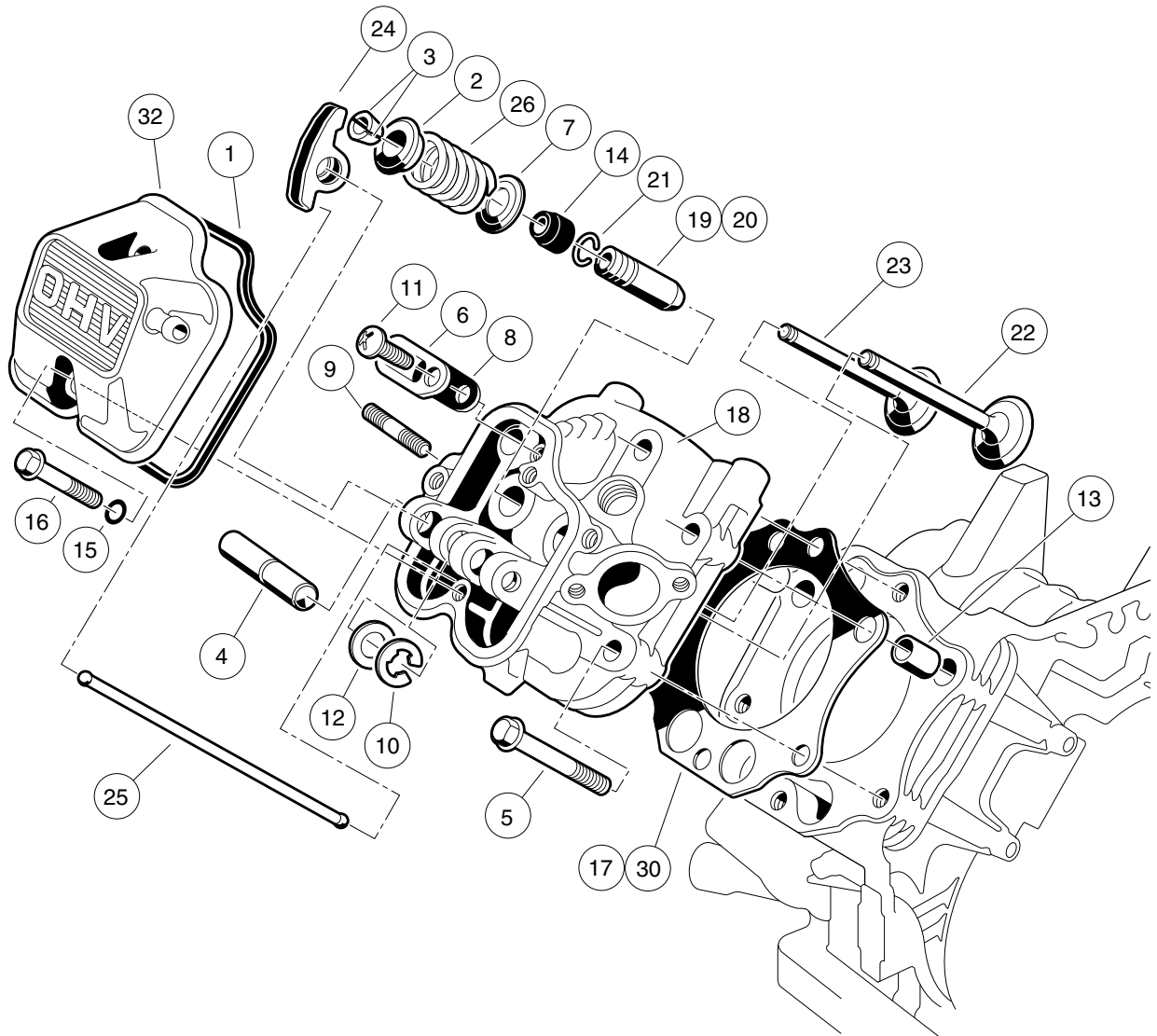
ITEM	PART NO.	DESCRIPTION	QTY	8
		1 2 3 4		G
1	1016445	Bracket, RPM Limiter	1	
2	<u>1016455</u>	Bolt, Flange Head	2	
3	1016456	Bolt, Flange Head, M6 x 1 x 12 mm	2	
4	<u>1016497</u>	Screw, Pan WP Cross	1	
5	<u>1016544</u>	Screw	1	
6	<u>1016561</u>	Clamp	1	
7	<u>1016562</u>	Key	1	
8	<u>1016578</u>	Ignition, Grommet	1	
9	<u>1016579</u>	Band, RPM Limiter Mount	1	
10	1016586	Damper, RPM Limiter	1	
11	<u>1016587</u>	Clamp	1	
12	<u>1016588</u>	Tube, 7mm X 10mm X 70mm	1	
13	<u>1017448</u>	Bolt, Flanged	3	
14	<u>1017455</u>	Plate, Flywheel Fan	1	
15	<u>1017463</u>	Cap Asm Plug	1	
16	<u>1017468</u>	Clamp	1	
17	<u>1017490</u>	Washer, Flat	1	
18	<u>101881101</u>	Spark Plug, OHV (Autolite)	1	
19	<u>101909201</u>	Coil, Ignition	1	
20	<u>101909301</u>	Lead Wire Assy	1	
21	101909401	Limiter, RPM	1	
22	101909501	Clamp, Steel	1	
23	<u>101916201</u>	Flywheel	1	
24	<u>101916301</u>	Fan (cw)	1	
25	N/A	Nut, Hex, 18 mm Fine	1	
26	<u>AM10724</u>	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	<u>1016432</u>	Gasket, Drain Plug	1	
3	<u>1016457</u>	Bolt, Flange Head	2	
4	<u>1016467</u>	Filter, Oil	1	
5	<u>1016473</u>	Plate, Oil Pump	1	
6	<u>101648203</u>	Oil Pump And Rotor	1	
7	<u>1016502</u>	Bracket, Oil Filter Mount	1	
8	<u>1016537</u>	Ball, Steel, Press, Relief	1	
9	<u>1016570</u>	O-Ring	1	
10	1016576	Plug, Drain	1	
11	<u>1016581</u>	Spring	1	
12	<u>1017442</u>	Gasket	1	
13	<u>1017456</u>	Bolt, Flanged	6	
14	<u>1017458</u>	Filter	1	
15	<u>1017460</u>	Cover, Pump	1	
16	<u>1017507</u>	Plug	2	



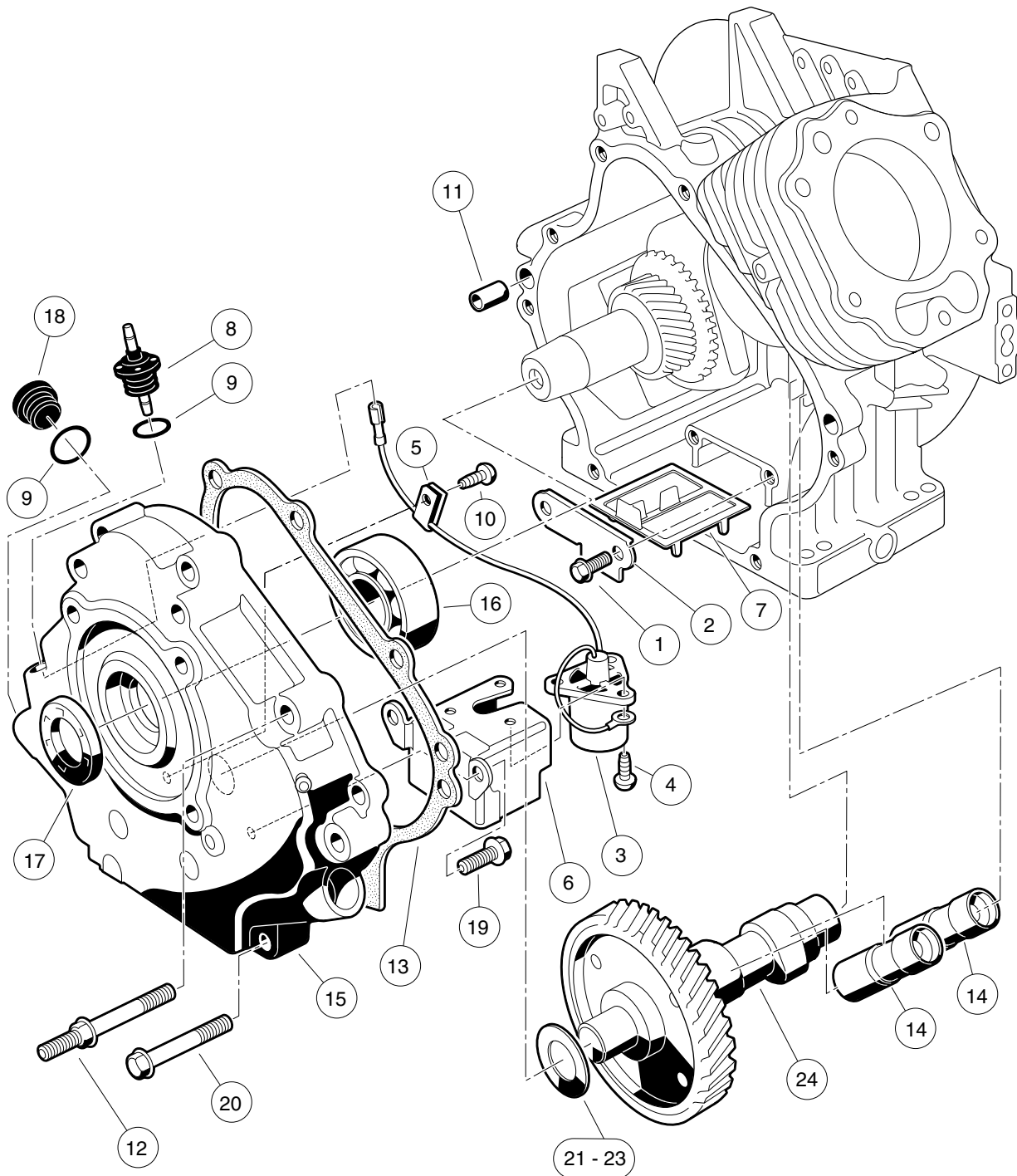
000204-001

AS11 FE350 ENGINE – CYLINDER HEAD

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

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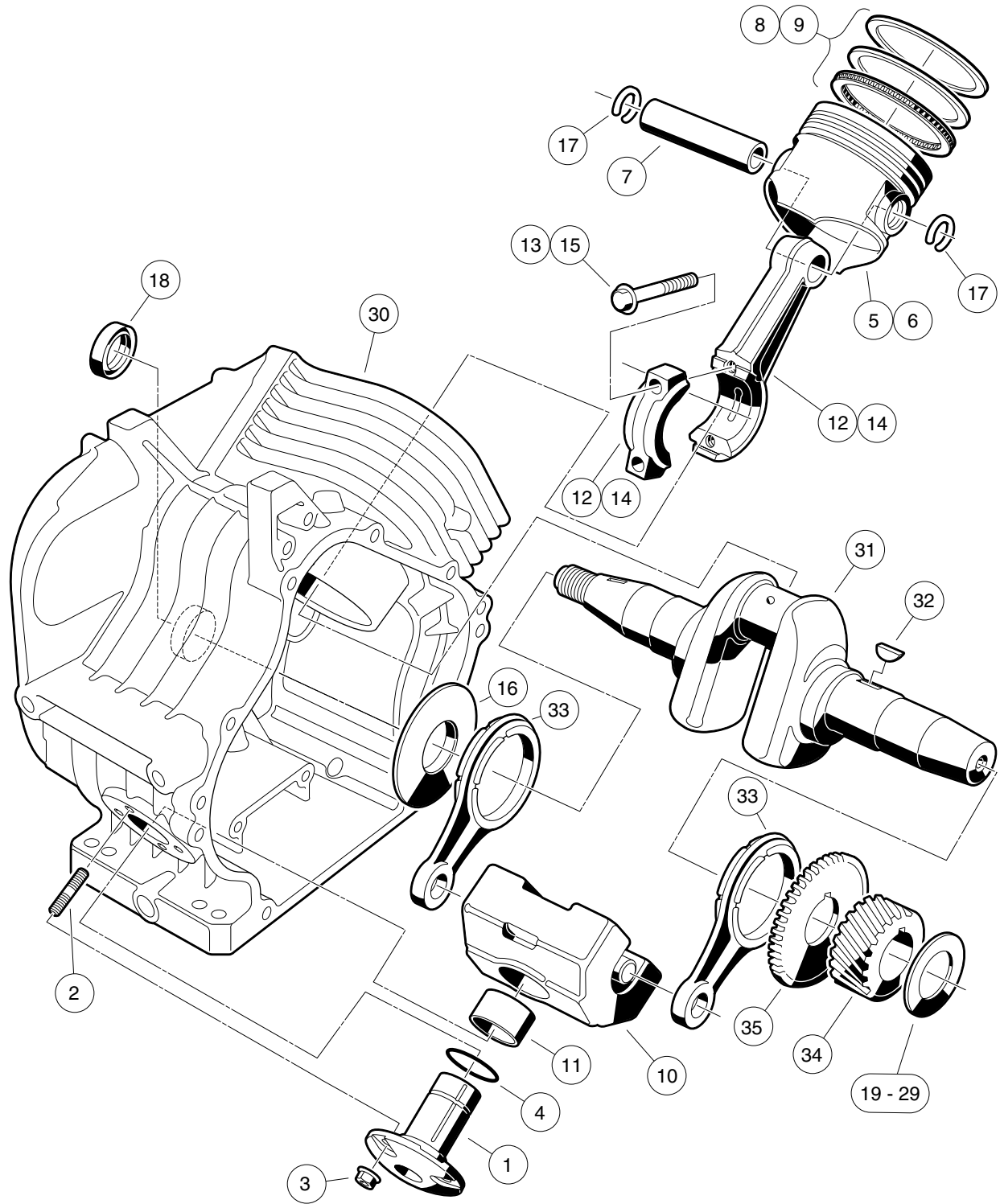
000205-002

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

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

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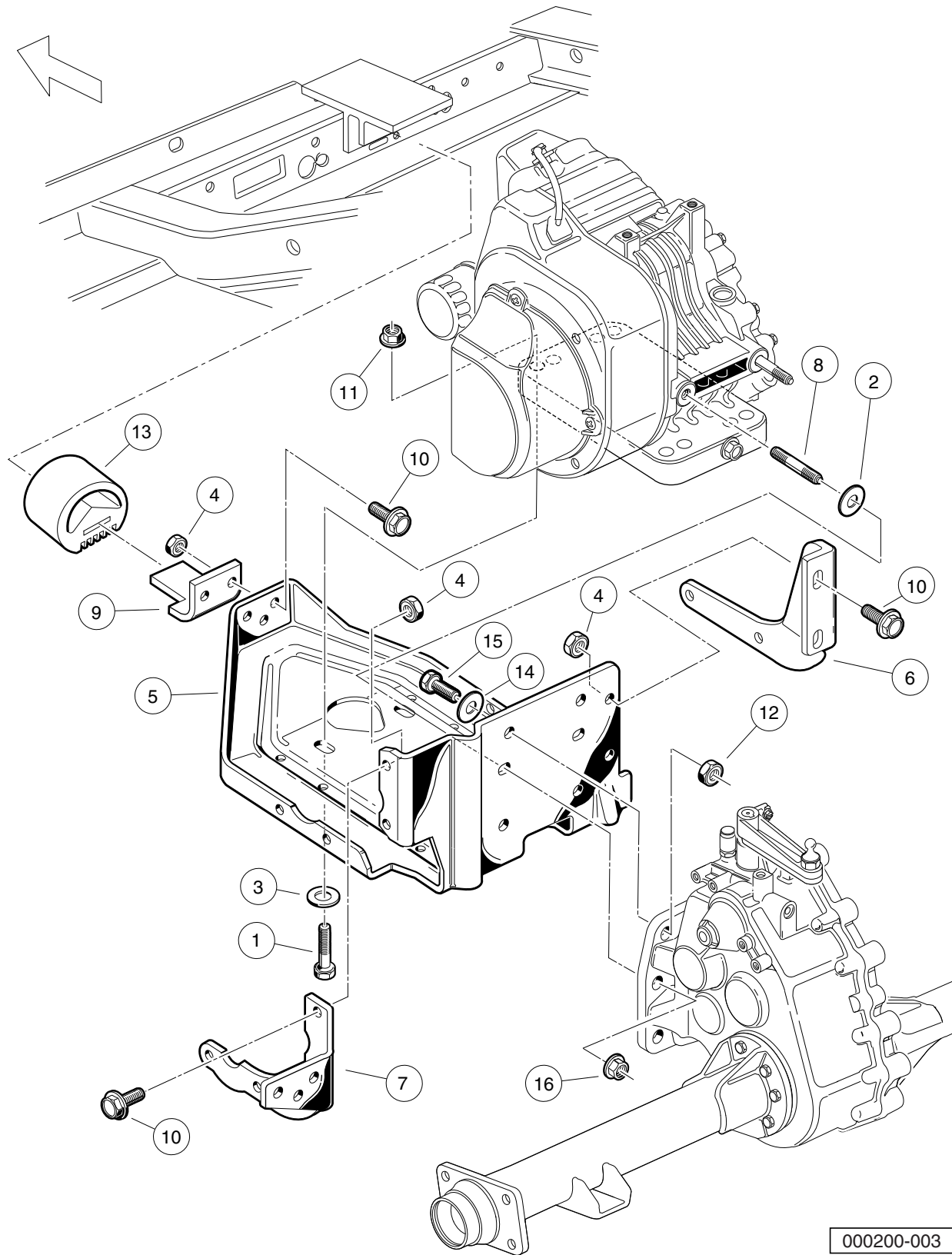
000206-001

AS11 FE350 ENGINE – CRANKCASE AND CRANKSHAFT

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1016470	Shaft, Guide, Counterbalance	1
2	<u>1016541</u>	Stud, 6x14	4
3	1016547	Nut, M6 Flange	4
4	<u>1016571</u>	O-Ring	1
5	<u>101744901</u>	Piston, Standard	1
6	<u>101744902</u>	Piston, 0.50 mm Oversize	1
7	1017450	Pin, Piston	1
8	<u>101745101</u>	Ring Set, Standard Piston	1
9	<u>101745102</u>	Ring Set, Piston, 0.50 mm Oversize	1
10	<u>1017453</u>	Fe400 Counterbalance Weight (includes item 11)	1
11	1017510	Bearing, Plain	1
12	101745701	Asm, Con. Rod Std (includes item 13)	1
13	<u>1017512</u>	Bolt	2
14	<u>101745702</u>	Rod Assembly Connecting Rod 0.5mm (includes item 15)	1
15	<u>1017512</u>	Bolt	2
16	1017501	Spacer	1
17	<u>1017502</u>	Snap Ring	2
18	<u>1017503</u>	Seal, Oil	1
19	<u>101773301</u>	Shim, Crankshaft, 1.18mm	1
20	<u>101773302</u>	Shim, Crankshaft, 1.25mm	1
21	<u>101773303</u>	Shim, Crankshaft, 1.32mm	1
22	<u>101773304</u>	Shim, Crankshaft, 1.39mm	1
23	<u>101773305</u>	Shim, Crankshaft, 1.46mm	1
24	<u>101773306</u>	Shim, Crankshaft, 1.53mm	1
25	<u>101773307</u>	Shim, Crankshaft, 1.60mm	1
26	<u>101773308</u>	Shim, Crankshaft, 1.67mm	1
27	<u>101773309</u>	Shim, Crankshaft, 1.74mm	1
28	<u>101773310</u>	Shim, Crankshaft, 1.11mm	1
29	<u>101773311</u>	Shim, Crankshaft, 1.81mm	1
30	<u>101916001</u>	Crankcase Complete, FE350 (cw)	1
31	<u>102430901</u>	Crankshaft, FE350 Left-Hand, 22-Tooth (includes items 32 through 35)	1
32	<u>1016562</u>	Key	1
33	<u>1017471</u>	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
		1 2 3 4	
1	<u>1010577</u>	Bolt, Hex-Head, 5/16-18 X 1.50	4
2	<u>1011697</u>	Washer, 5/16 Flat	2
3	<u>1012571</u>	Washer, 5/16 Extra Thick Flat	4
4	<u>1013924</u>	Nut, 5/16-24 Hex Head Cone	10
5	<u>101827101</u>	Plate, Engine Mounting	1
6	<u>101832601</u>	Stiffener (PTO Side)	1
7	<u>101832701</u>	Stiffener (Flywheel Side)	1
8	<u>101833101</u>	Stud, M8-1.25 X 50 mm Two-Ended	2
9	<u>101834601</u>	Snubber Bracket	1
10	<u>101884801</u>	Screw, 5/16-24 X 0.875 Grade-8	10
11	<u>101963401</u>	Locknut, 5/16-18 Hex Flange	4
12	<u>102065901</u>	Locknut, 3/8-16 Flanged Dimple	4
13	<u>102540301</u>	Inner Frame Snubber	1
14	<u>334</u>	Washer, 3/8 Type A Flat	4
15	<u>705</u>	Screw, Cap-hex Hd 3/8-16x1.25	4
16	<u>96704416</u>	Nut Flg, M8 X 1.25 Serrated	2

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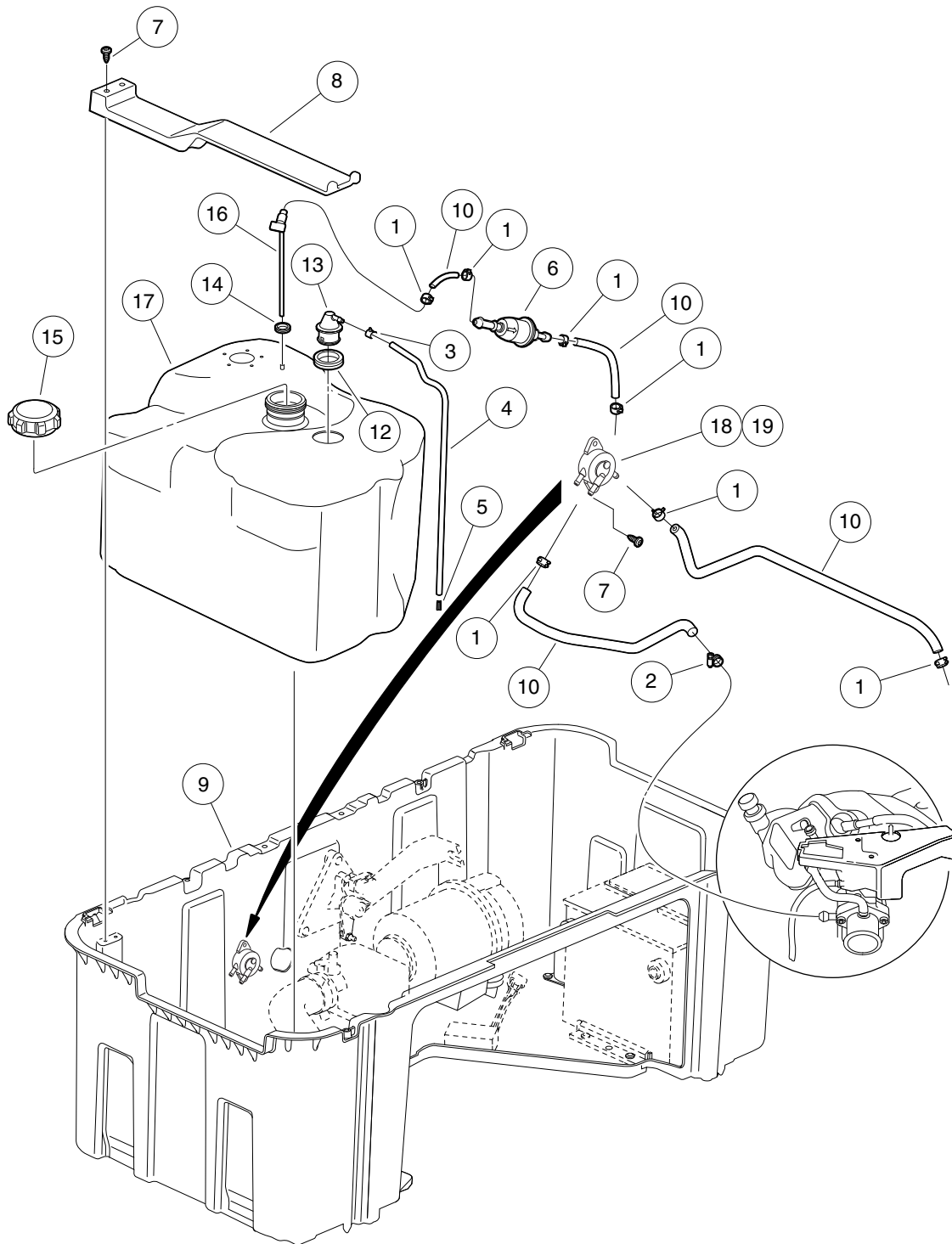
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FUEL, INTAKE, AND GOVERNOR SYSTEMS

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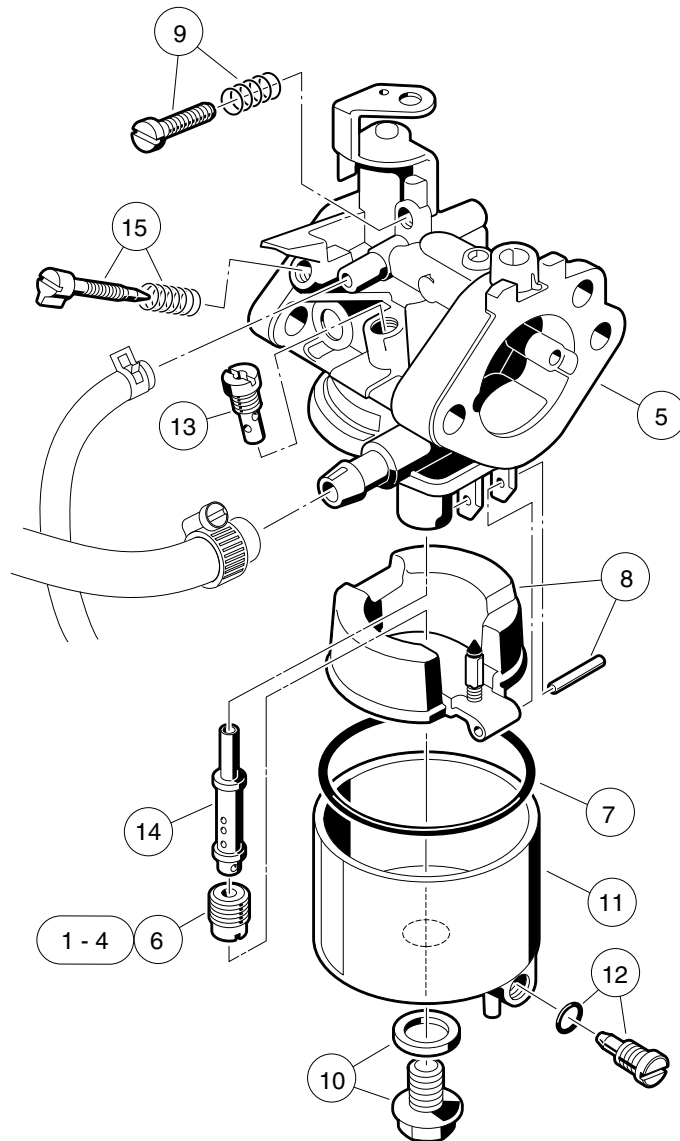
000449-001

FUEL SYSTEM

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1012649</u>	Clamp, 0.460 Red Hose	7
2	<u>1013687</u>	Clamp, 3/8" Hose (screw type)	1
3	<u>1013746</u>	Clamp, 0.301 ID Hose	2
4	<u>1015137</u>	Fuel Line (available by the foot)	1
5	<u>101824401</u>	Vent Barb	1
6	<u>102003201</u>	Filter, Fuel, 30 Micron	1
7	<u>102296020</u>	Screw, Torx Pan Hd Pt, M6 X 20	2
8	<u>102514201</u>	Hold-down - Fuel Tank	1
9	<u>102514701</u>	Bucket - Gas Vehicle	1
10	<u>102865101</u>	Fuel Line	1
11	<u>103655002</u>	Asm, Tank, Prec, Wo/su Nano (includes items 12 through 17)	1
12	<u>1015139</u>	Insulation Grommet	1
13	<u>1015143</u>	Vent, Fuel Tank	1
14	<u>102406701</u>	Bushing, Line, Return	1
15	<u>103372101</u>	Cap, Fuel Tank, Gas, Ratchet	1
16	<u>103372301</u>	Valve, Fuel, 259mm	1
17	<u>103777001</u>	Tank, Fuel, Prec, Nano	1
18	<u>103781101</u>	Kit, Fuel Pump Retrofit (includes items 19 and 20)	1
19	<u>103010101</u>	Pump, Fuel, Impulse, Fh	1
20	<u>103781201</u>	Instr, Fuel Pump Retrofit	1

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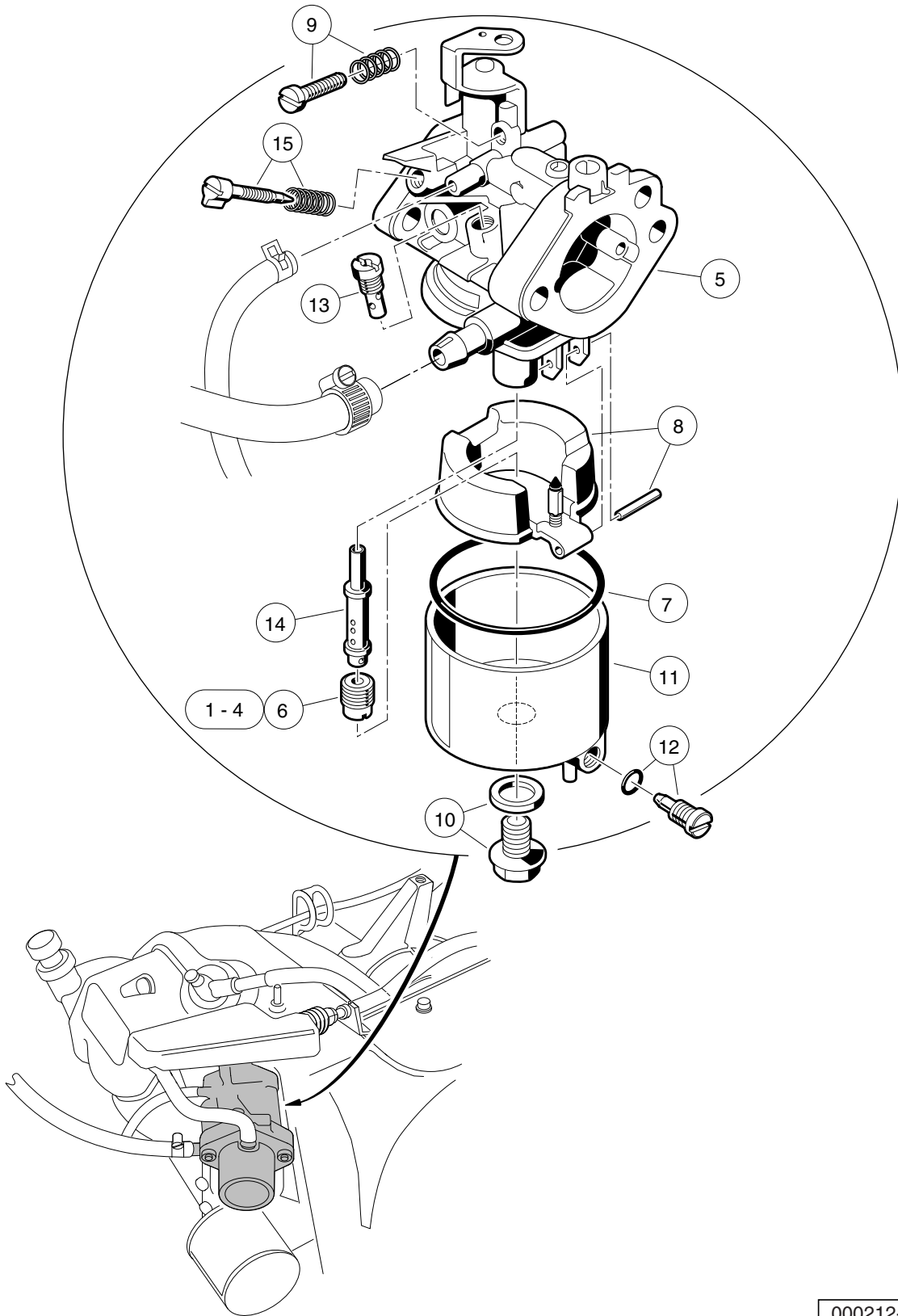
000211-001

CARBURETOR ASSEMBLY – FE290

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

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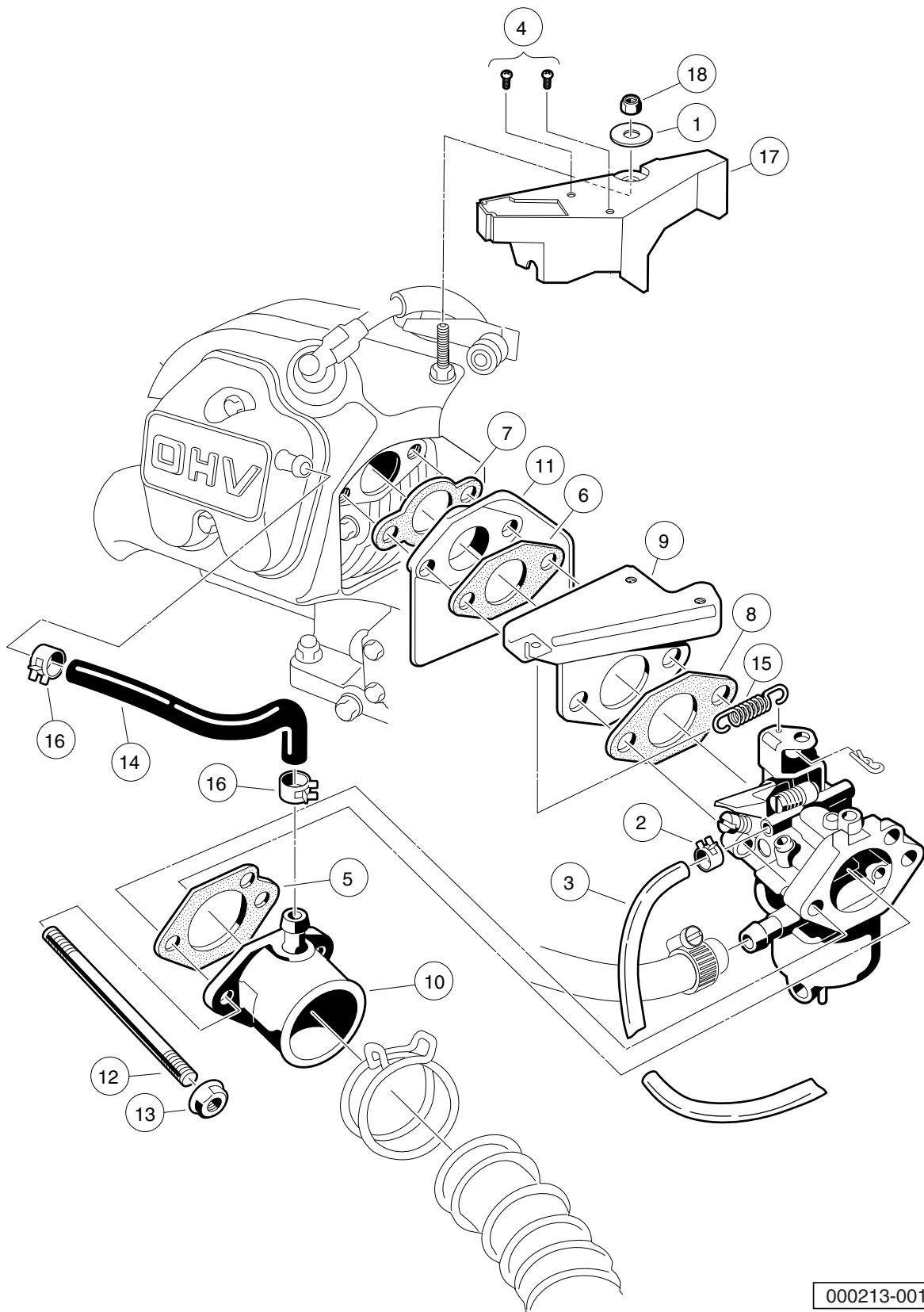
000212-001

CARBURETOR ASSEMBLY – FE350

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

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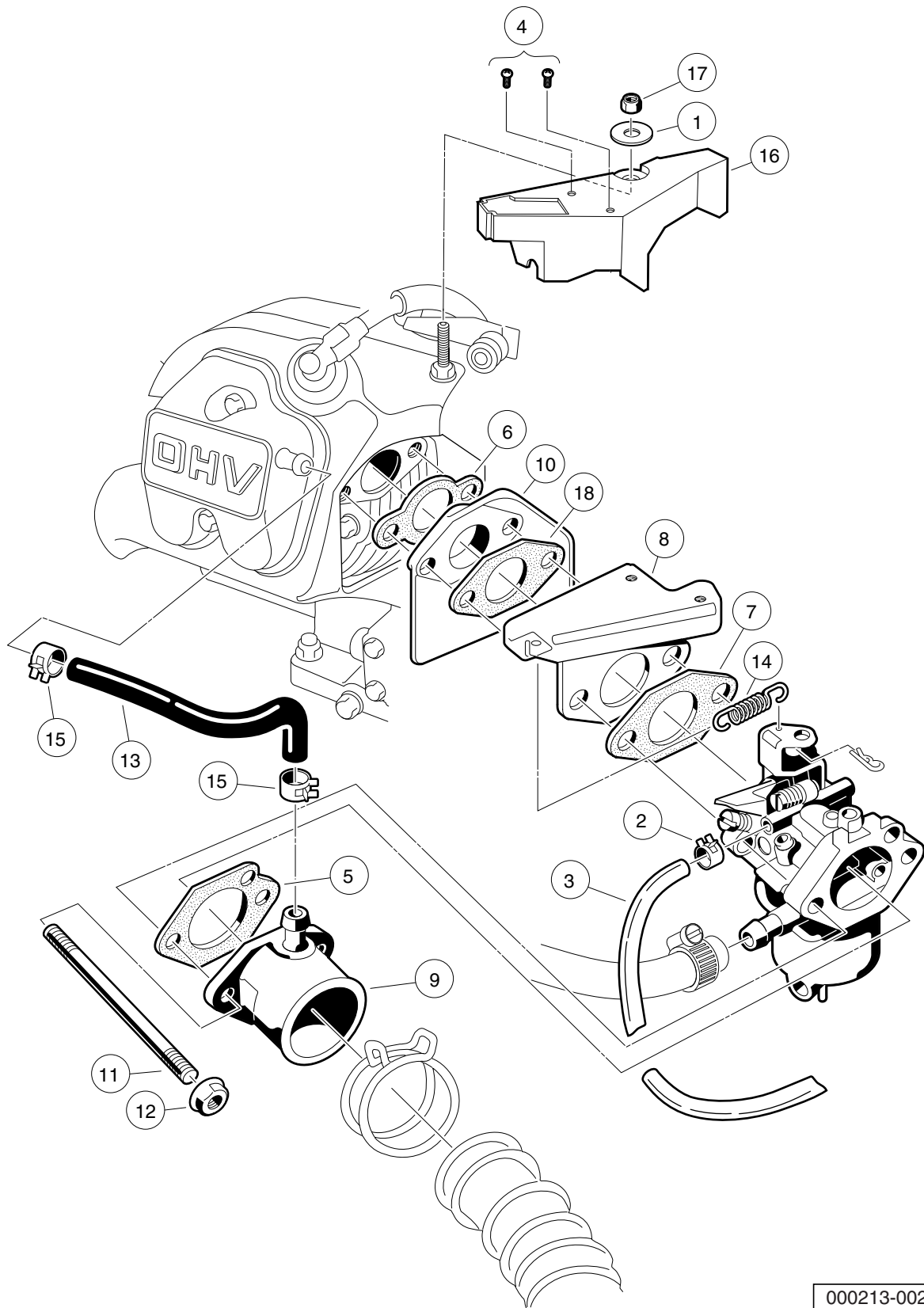
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000213-001

CARBURETOR INSTALLATION – FE290

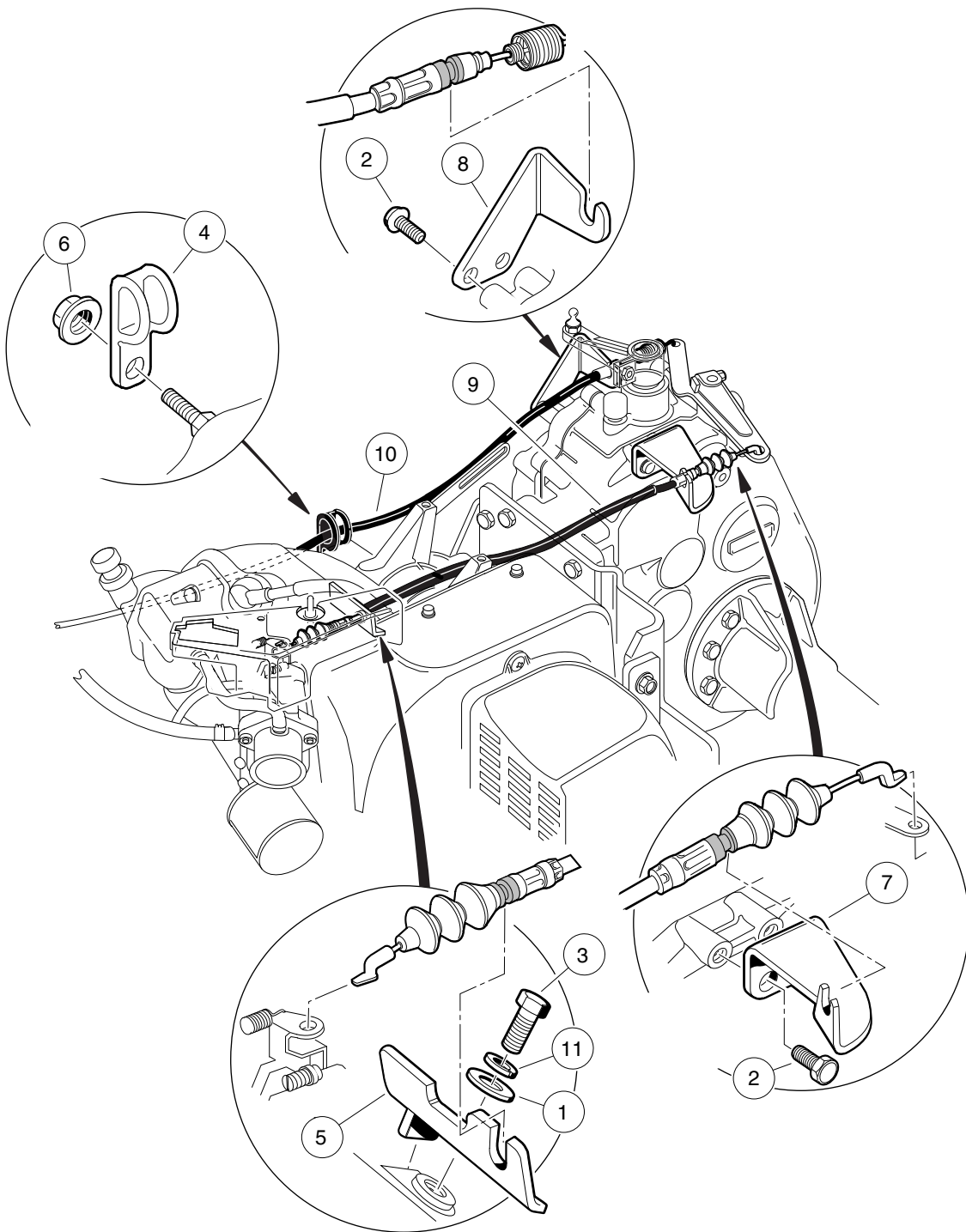
ITEM	PART NO.	DESCRIPTION	QTY	9
		1 2 3 4		G
1	<u>1011697</u>	Washer, 5/16 Flat	1	
2	<u>1013746</u>	Clamp, 0.301 ID Hose	1	
3	<u>1015137</u>	Fuel Line (available by the foot)	1	
4	<u>1016103</u>	Screw, Pan Hd Tx, Taptite 6-32	2	
5	<u>1016438</u>	Gasket, Carb To Intake Manifold	1	
6	<u>1016439</u>	Gasket, Insulator	1	
7	<u>1016440</u>	Gasket, Engine to Insulator	1	
8	<u>1016441</u>	Gasket, Sprg Brkt To Carb OHV	1	
9	<u>1016444</u>	Bracket, Throttle Spring Return	1	
10	1016480	Pipe, Intake Manifold	1	
11	101648102	Insulator, Carburetor	1	
12	<u>101649002</u>	Stud, M6-1.00 Two-Ended	2	
13	1016547	Nut, M6 Flange	2	
14	<u>1016572</u>	Tube, Crankcase Vent	1	
15	<u>1016582</u>	Spring, Throttle Return	1	
16	<u>1017466</u>	Clamp	2	
17	101820201	Shield, Governor	1	
18	<u>101887601</u>	Locknut, M6-1.00 Nylon Insert	1	



000213-002

CARBURETOR INSTALLATION – FE350

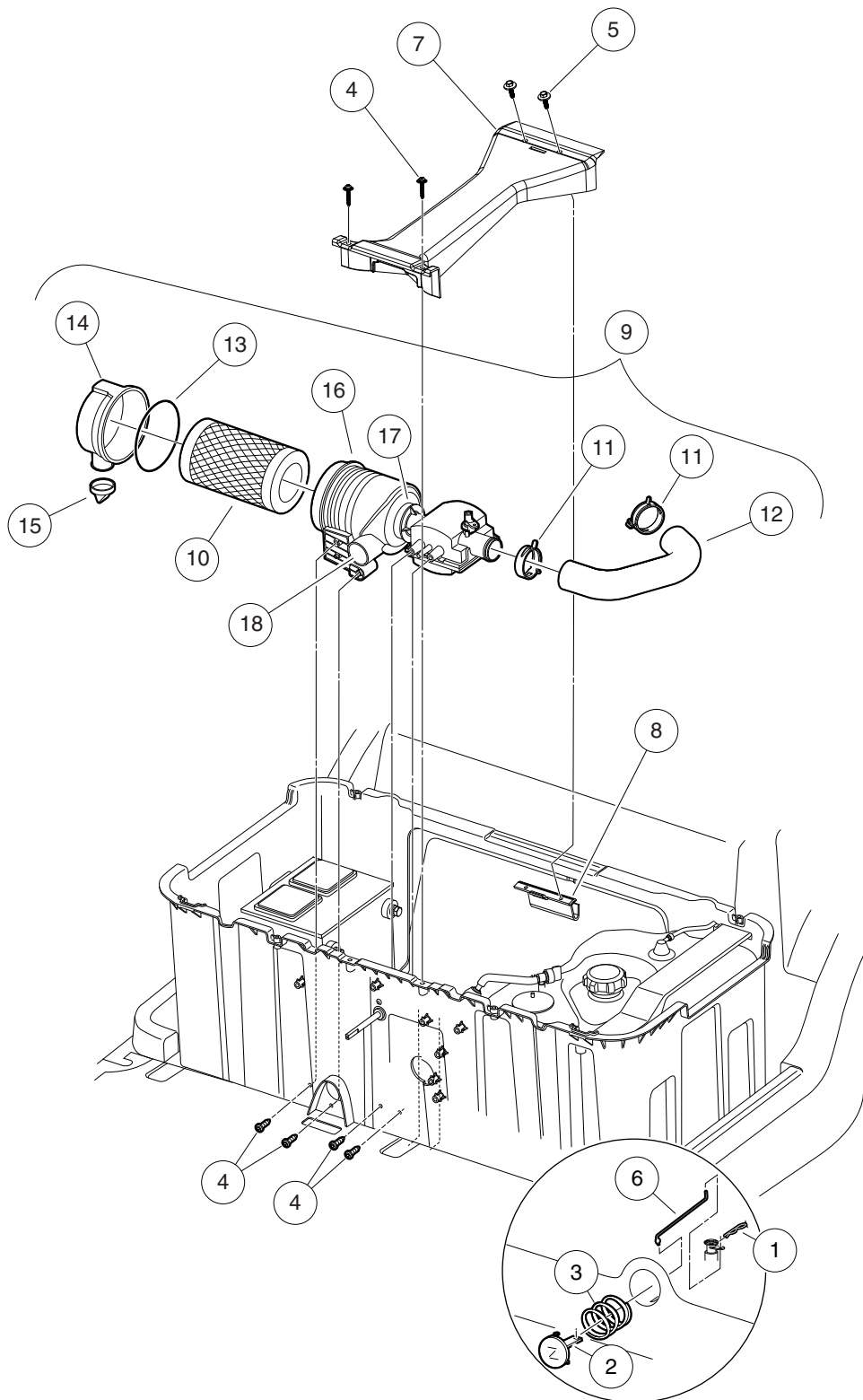
ITEM	PART NO.	DESCRIPTION	QTY	9
		1 2 3 4		G
1	<u>1011697</u>	Washer, 5/16 Flat	1	
2	<u>1013746</u>	Clamp, 0.301 ID Hose	1	
3	<u>1015137</u>	Fuel Line (available by the foot)	1	
4	<u>1016103</u>	Screw, Pan Hd Tx, Taptite 6-32	2	
5	<u>1016438</u>	Gasket, Carb To Intake Manifold	1	
6	<u>1016440</u>	Gasket,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



000215-001

GOVERNOR AND ACCELERATOR CABLES

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



000484-001

CHOKE AND AIR BOX ASSEMBLY

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

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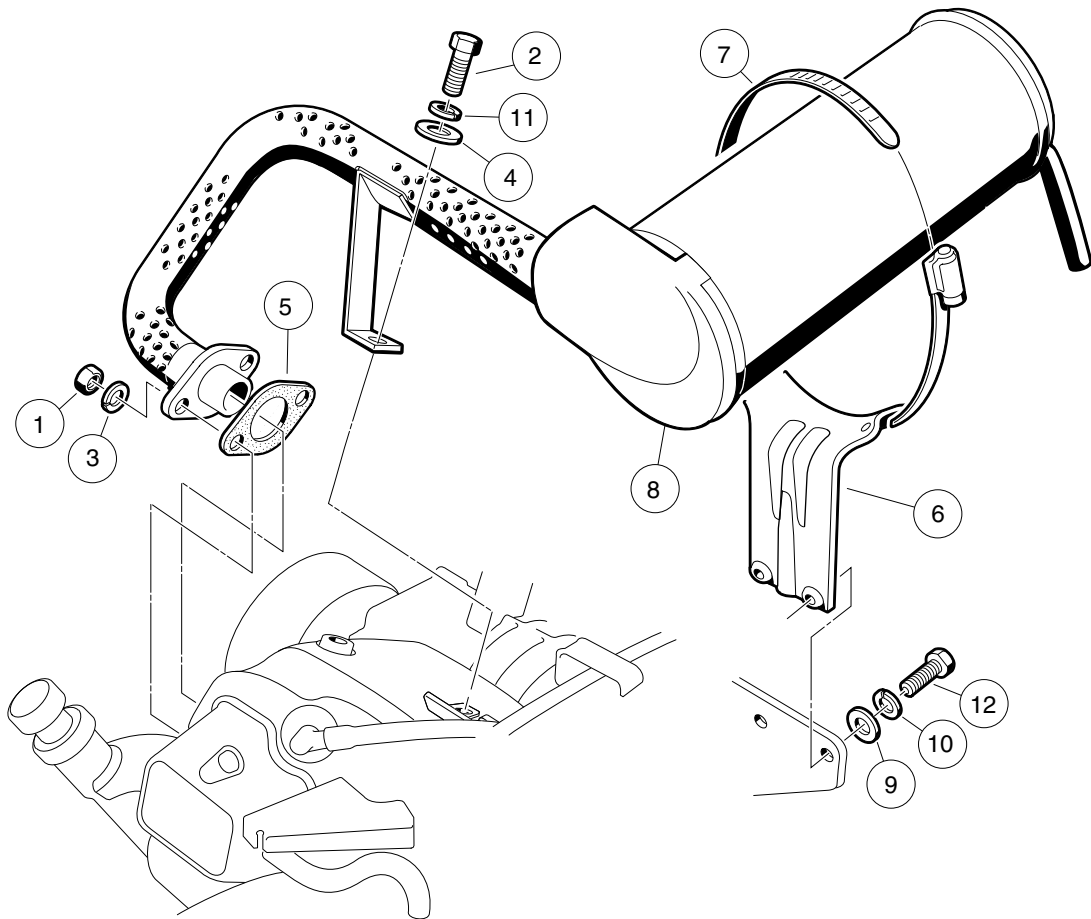
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EXHAUST SYSTEM

10

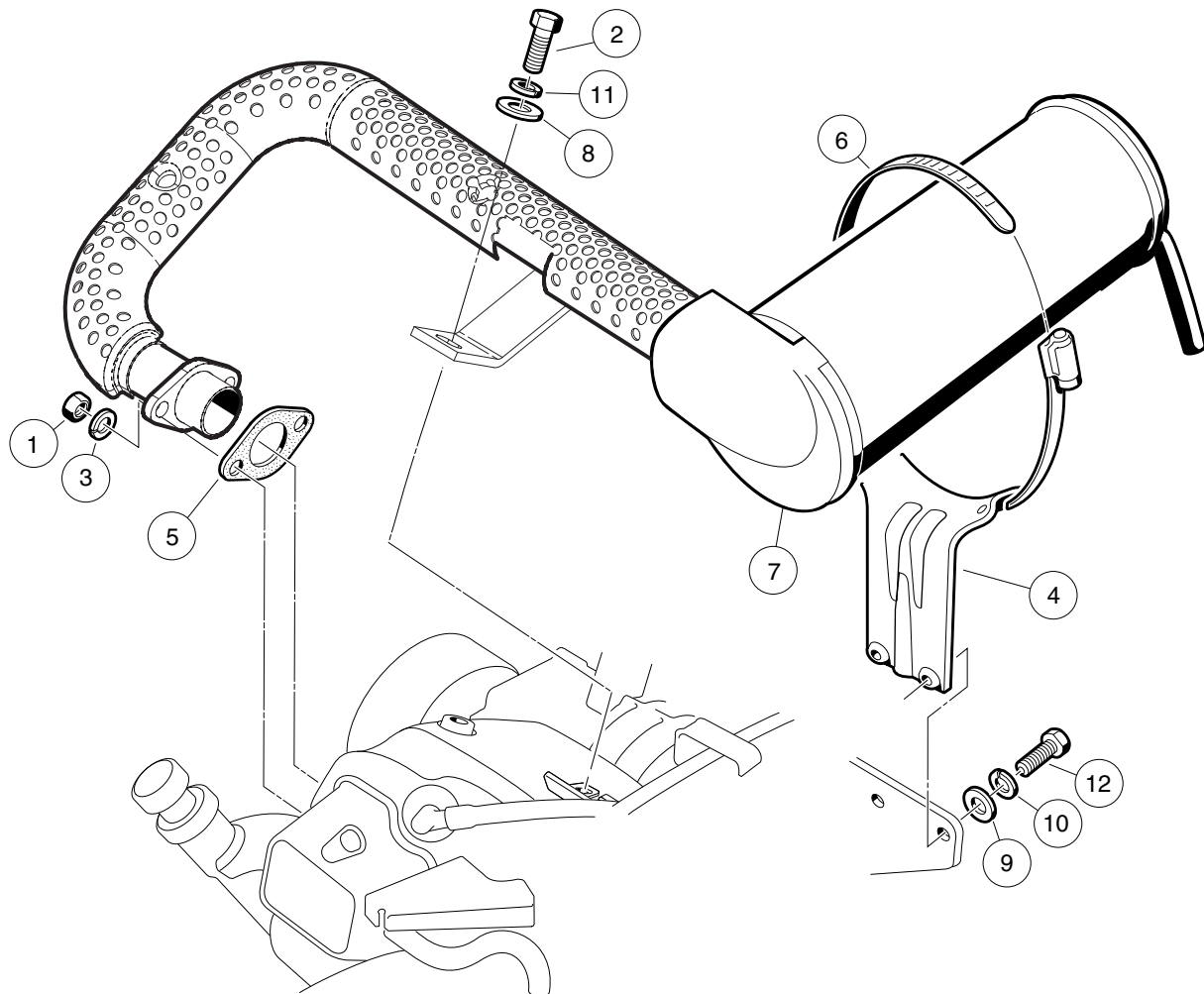
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000485-001

EXHAUST SYSTEM – FE290

ITEM	PART NO.	DESCRIPTION	QTY	10
		1 2 3 4		G
1	<u>1012528</u>	Nut, M8-1.25 Hex	2	
2	<u>1012830</u>	Screw, M8-125 X 22 Hex-Head	1	
3	<u>1013734</u>	Lockwasher, 8mm Split	2	
4	1015075	Washer, 5/16 Flat Type A	1	
5	<u>1015330</u>	Gasket, Exhaust	1	
6	<u>1015814</u>	Bracket, Muffler Mounting	1	
7	1017689	Clamp, 5" Muffler Hose	1	
8	<u>102522301</u>	Exhaust System	1	
9	<u>332</u>	Washer, 1/4 Type A Narrow Flat	2	
10	<u>451</u>	Lockwasher, 1/4 Split	2	
11	<u>7174</u>	Lockwasher, 5/16 Split	1	
12	N/A	Bolt, 1/2-13 X 3.75 Hex Head	2	



000491-001

EXHAUST SYSTEM – FE350

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

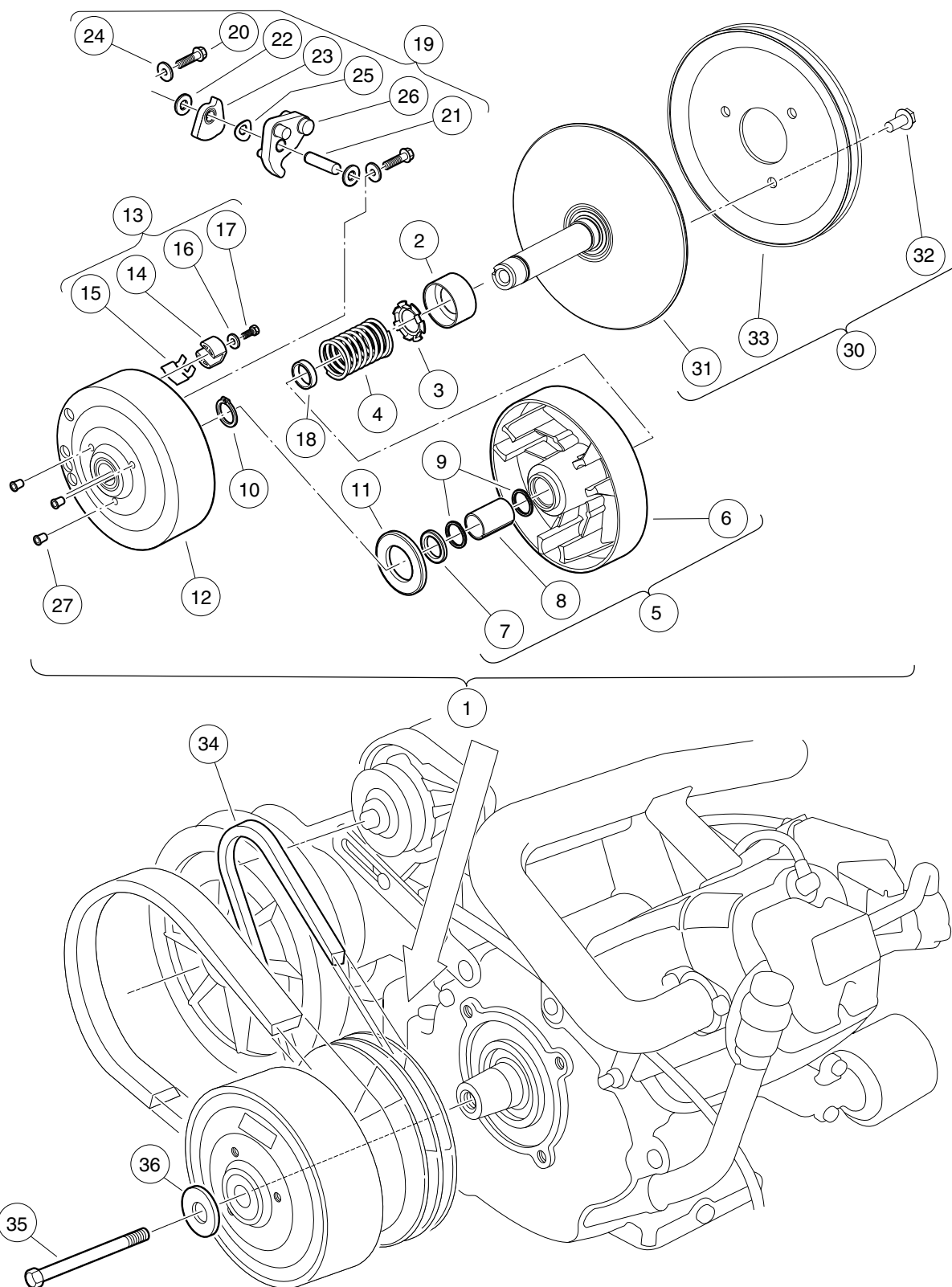
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TORQUE CONVERTER

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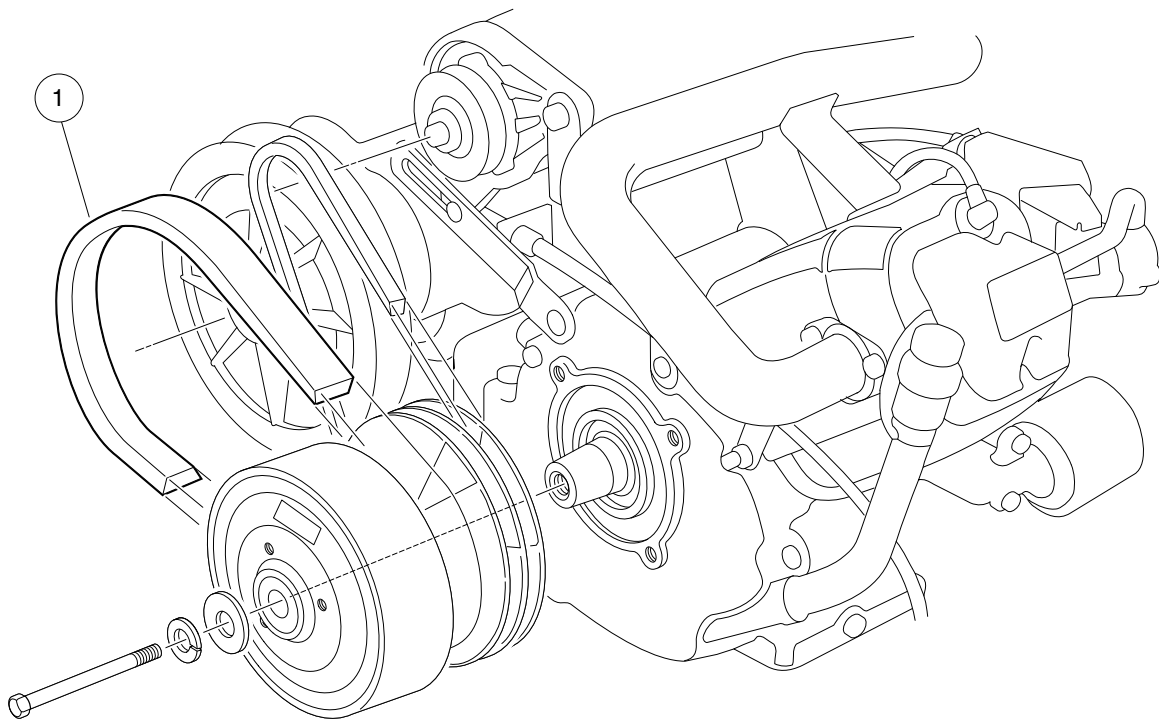
000217-001

DRIVE CLUTCH

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

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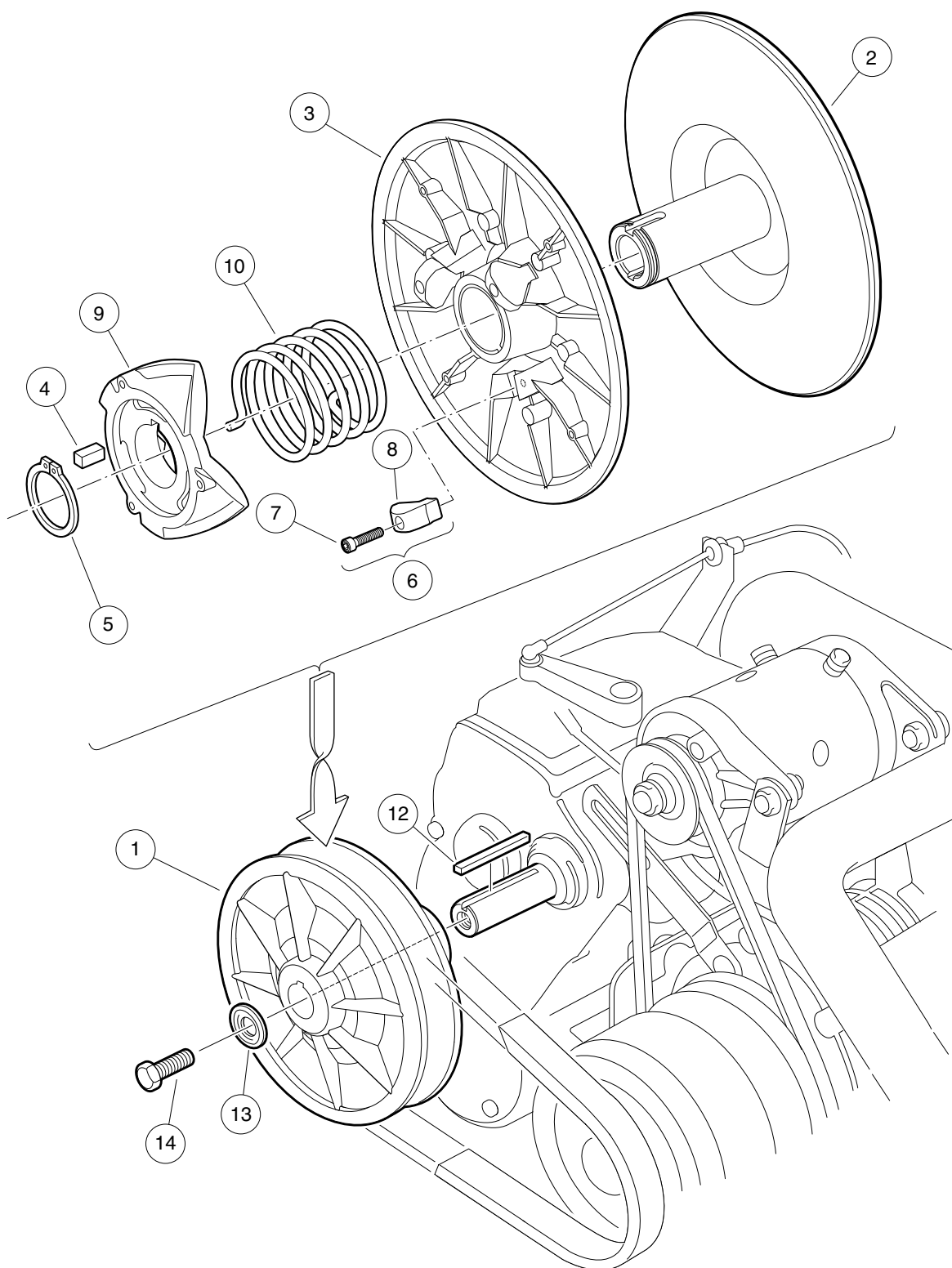
000218-001

DRIVE BELT – FE290

ITEM	PART NO.	DESCRIPTION	QTY
1	<u>1016203</u>	1 2 3 4 Belt, Drive	1

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000219-001

DRIVEN CLUTCH

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

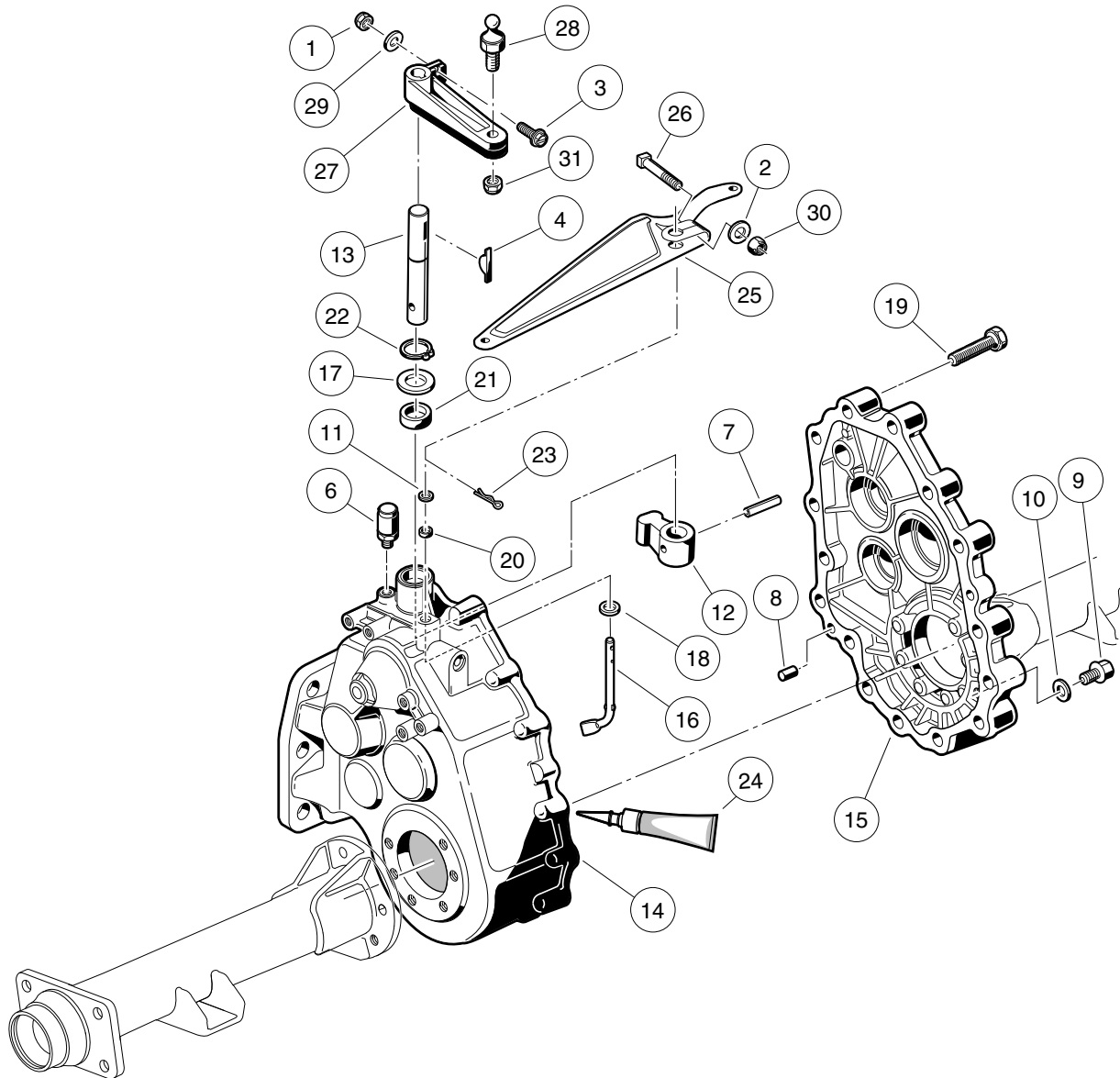
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UNITIZED TRANSAXLE

12

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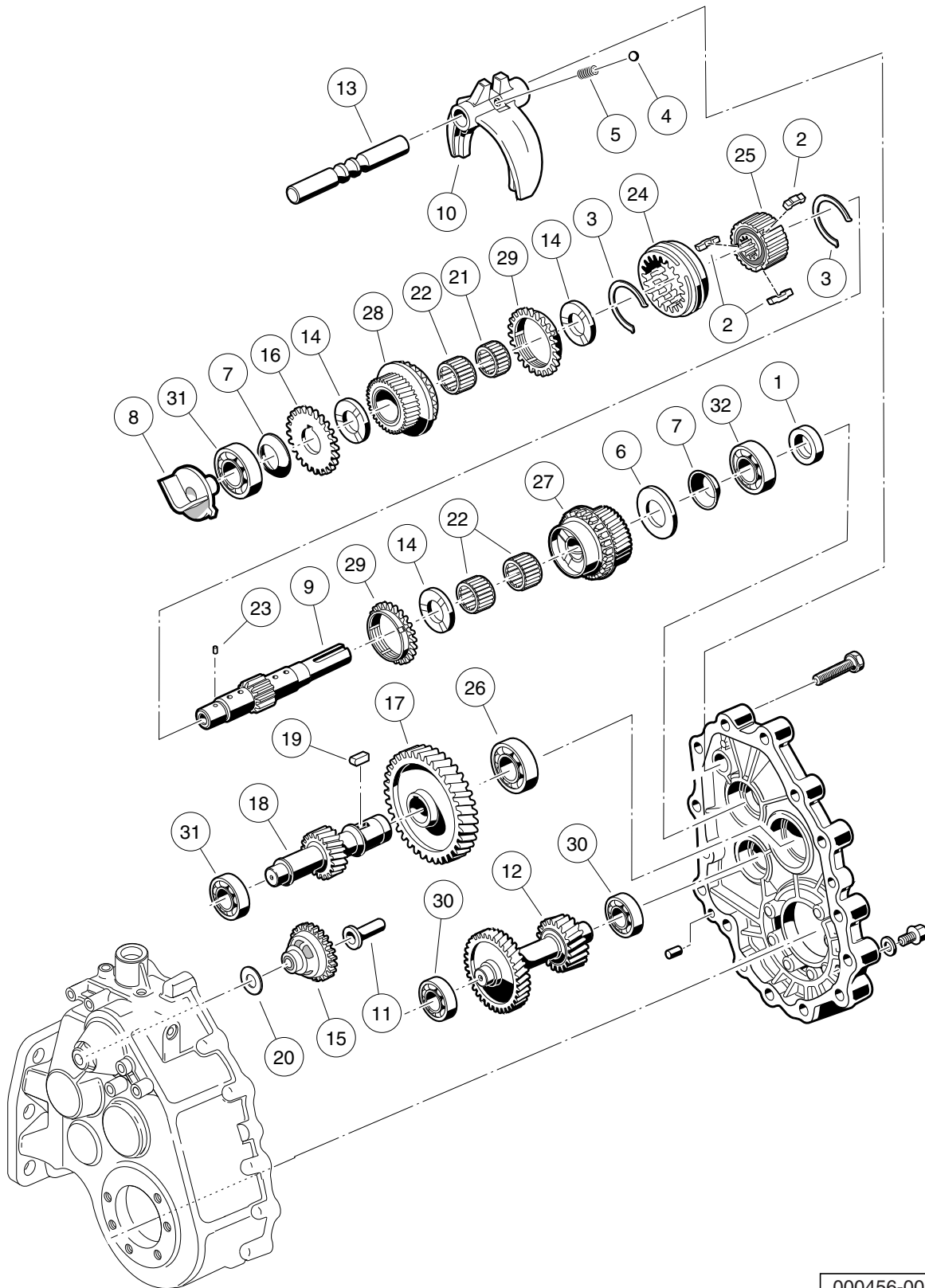
000220-002

UNITIZED TRANSAXLE – GEAR CASES AND BRACKETS

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

12

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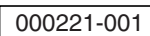
000456-001

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

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

12

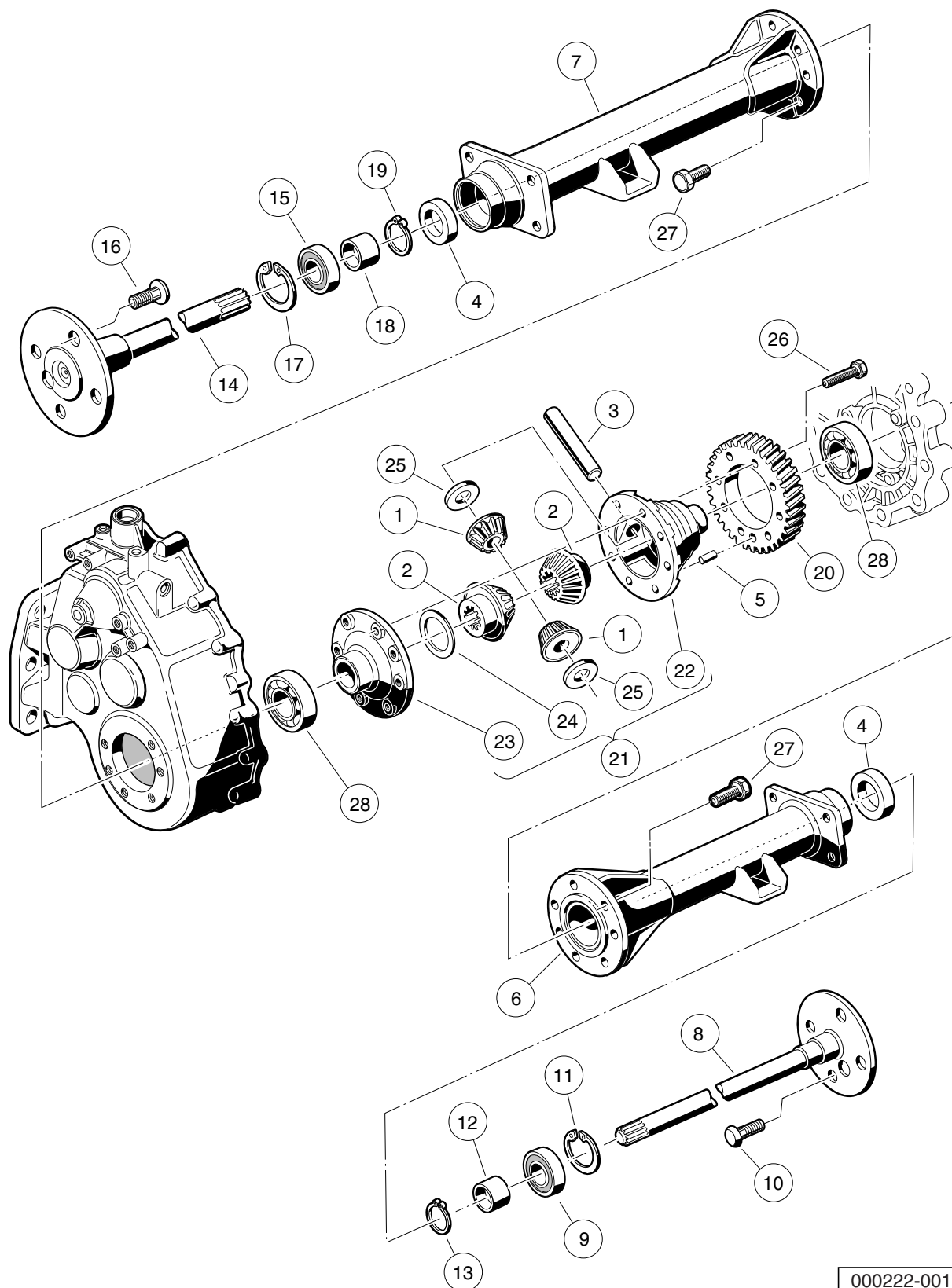
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UNITIZED TRANSAXLE – F&R TRANSMISSION AND GEAR REDUCTION – LATER VERSION

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

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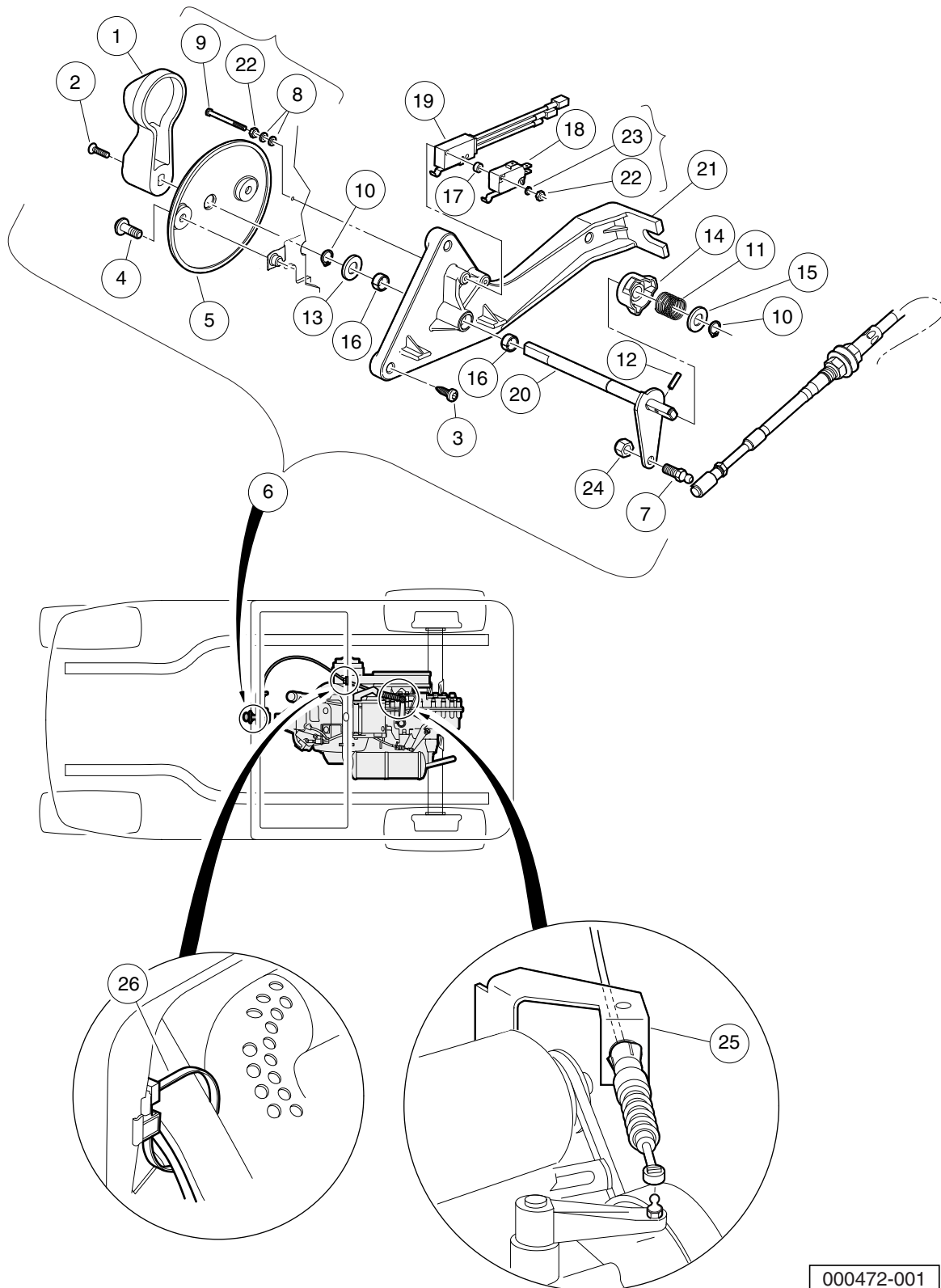
000222-001

UNITIZED TRANSAXLE – DIFFERENTIAL AND AXLES

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

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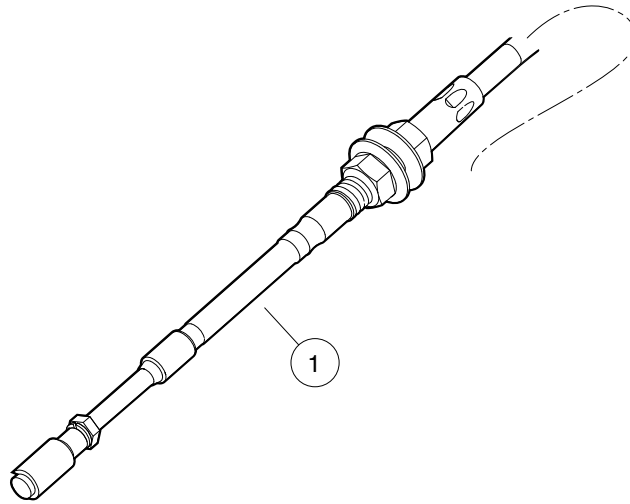
000472-001

FORWARD/REVERSE SHIFTER ASSEMBLY – GASOLINE VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1012987</u>	Handle, FNR	1
2	<u>1015064</u>	Screw, #8-32 X 0.63 Machine	1
3	<u>102296040</u>	Screw, Torx Pan Hd Pt, M6 X 40	3
4	<u>102296920</u>	Screw, M6 Torx Bttn Hd Sems	2
5	<u>102512001</u>	Bezel, FNR Gas	1
6	<u>102514601</u>	Assembly - Gas F-n-r Shifter (includes items 7 through 24)	1
7	<u>1010954</u>	Stud, 1/4-28 X 0.560 Ball	1
8	<u>1012431</u>	Washer, #4 Flat	4
9	<u>1012594</u>	Screw, #4-40 Machine	2
10	<u>1013589</u>	Ring, 0.338" Internal Retaining	2
11	<u>1013590</u>	Spring, FNR Cam	1
12	<u>1013591</u>	Pin, 1/8 X 1/2 Roll	1
13	<u>1014065</u>	Washer, 0.38" ID Delrin Flat	1
14	<u>1014089</u>	Neutral Lockout Cam Kit (includes item 15)	1
15	<u>1014065</u>	Washer, 0.38" ID Delrin Flat	1
16	<u>1014145</u>	Bushing, Secondary Weight, Split	2
17	<u>1014727</u>	Washer, #4 Nylon Flat	2
18	<u>1014807</u>	Switch, Limit	1
19	<u>101979101</u>	Assembly, Switch, Limit	1
20	<u>102515301</u>	Weldment, F-n-r Gas	1
21	<u>102515601</u>	Base, Gas FNR Shifter	1
22	<u>8057</u>	Nut, #4-40 Hex Machine	4
23	<u>8058</u>	Lockwasher, #4 Split	2
24	<u>8717</u>	Locknut, 1/4-28 Nylon Insert	1
25	<u>102515501</u>	Bracket-trans Cable Support	1
26	<u>102554901</u>	Clip,edge,trans Shift Cable	1

12

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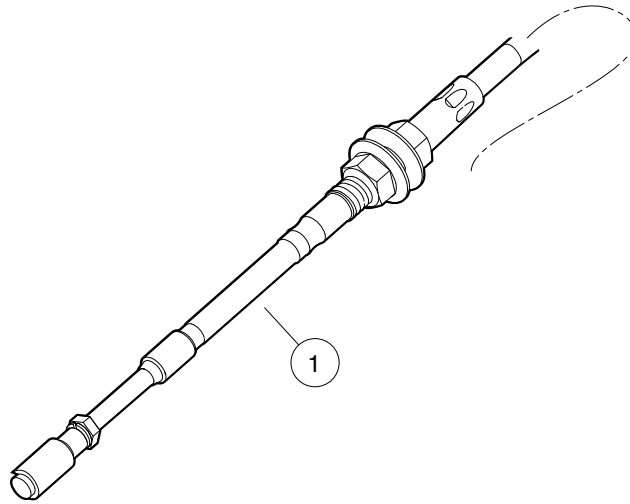
000473-001

TRANSMISSION CABLE – 2005 VEHICLE

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

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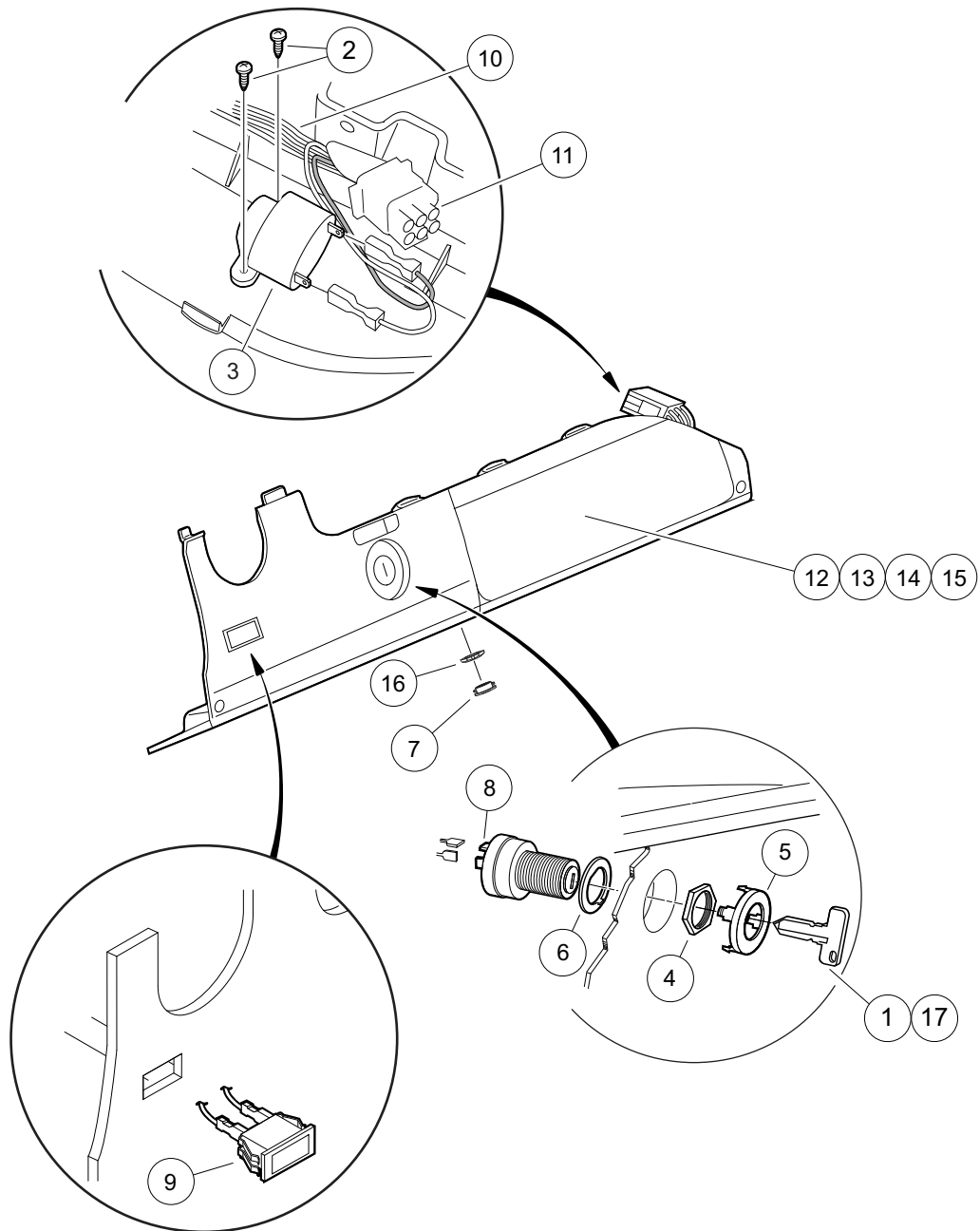
000473-001

TRANSMISSION CABLE – 2006 VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY	12
1	<u>103379601</u>	1 2 3 4 Cable, Transmission, Prec	1	G

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000490-001

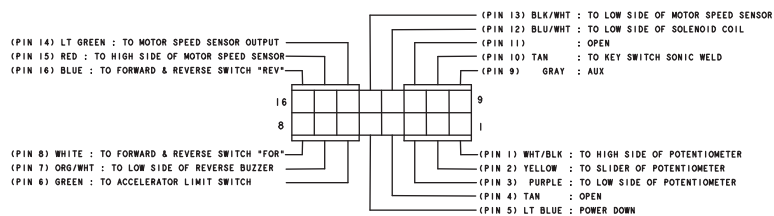
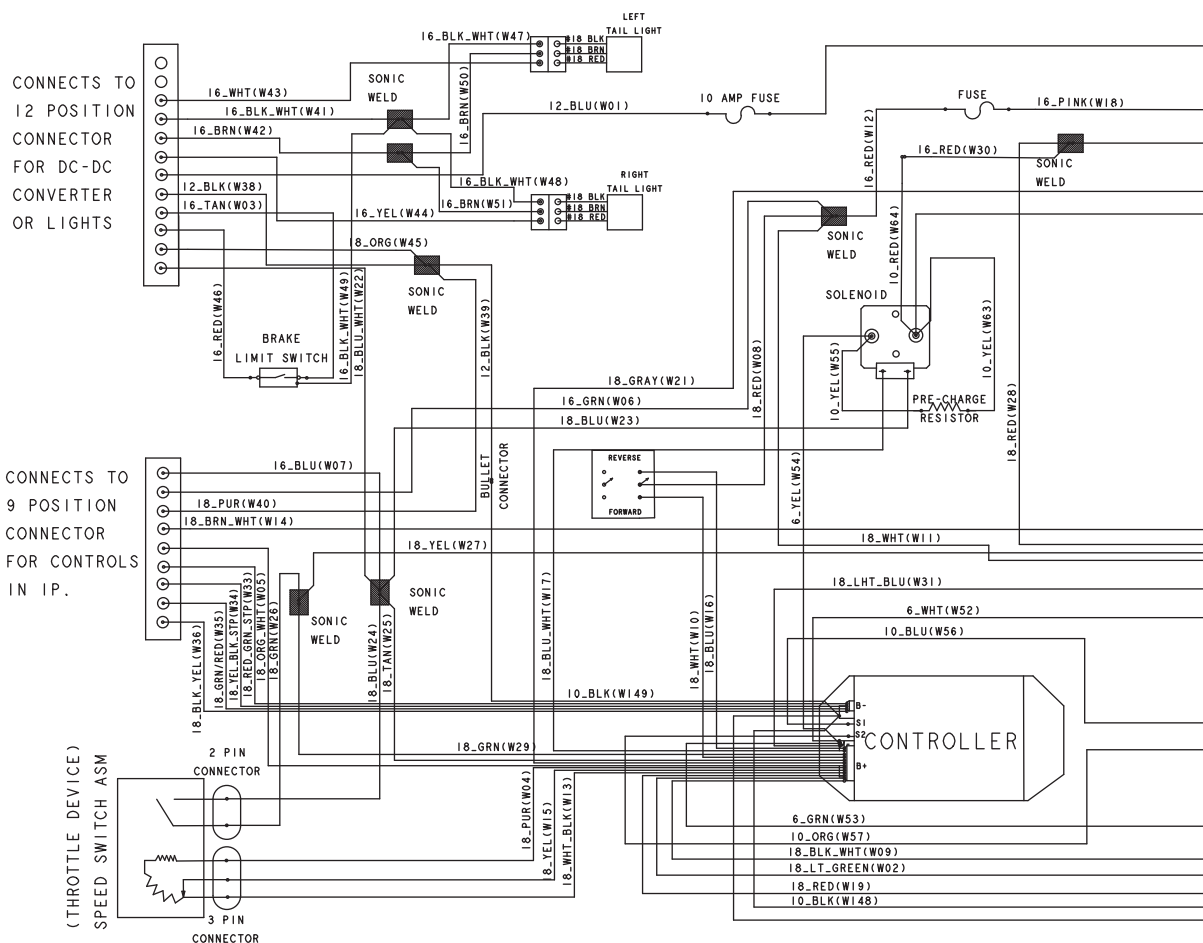
ELECTRICAL COMPONENTS, FRONT BODY – ELECTRIC VEHICLE

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

13

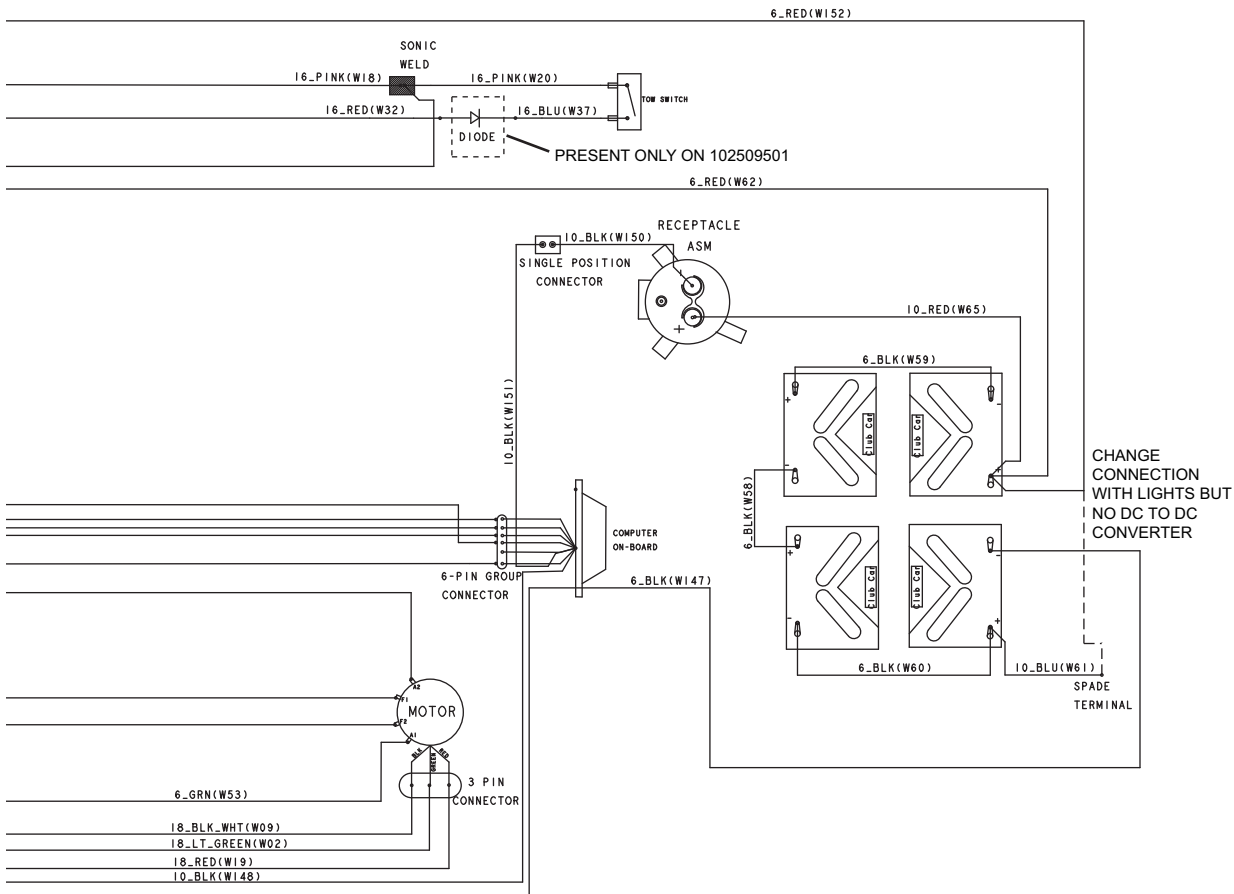
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IQ SYSTEM VEHICLE - STYLE A BATTERY CONFIGURATION



16 - PIN CONNECTOR AT CONTROLLER

000498-001



NOTE:
SOME WIRING / COMPONENTS SHOWN
ARE OPTIONAL ACCESSORIES

000498-001

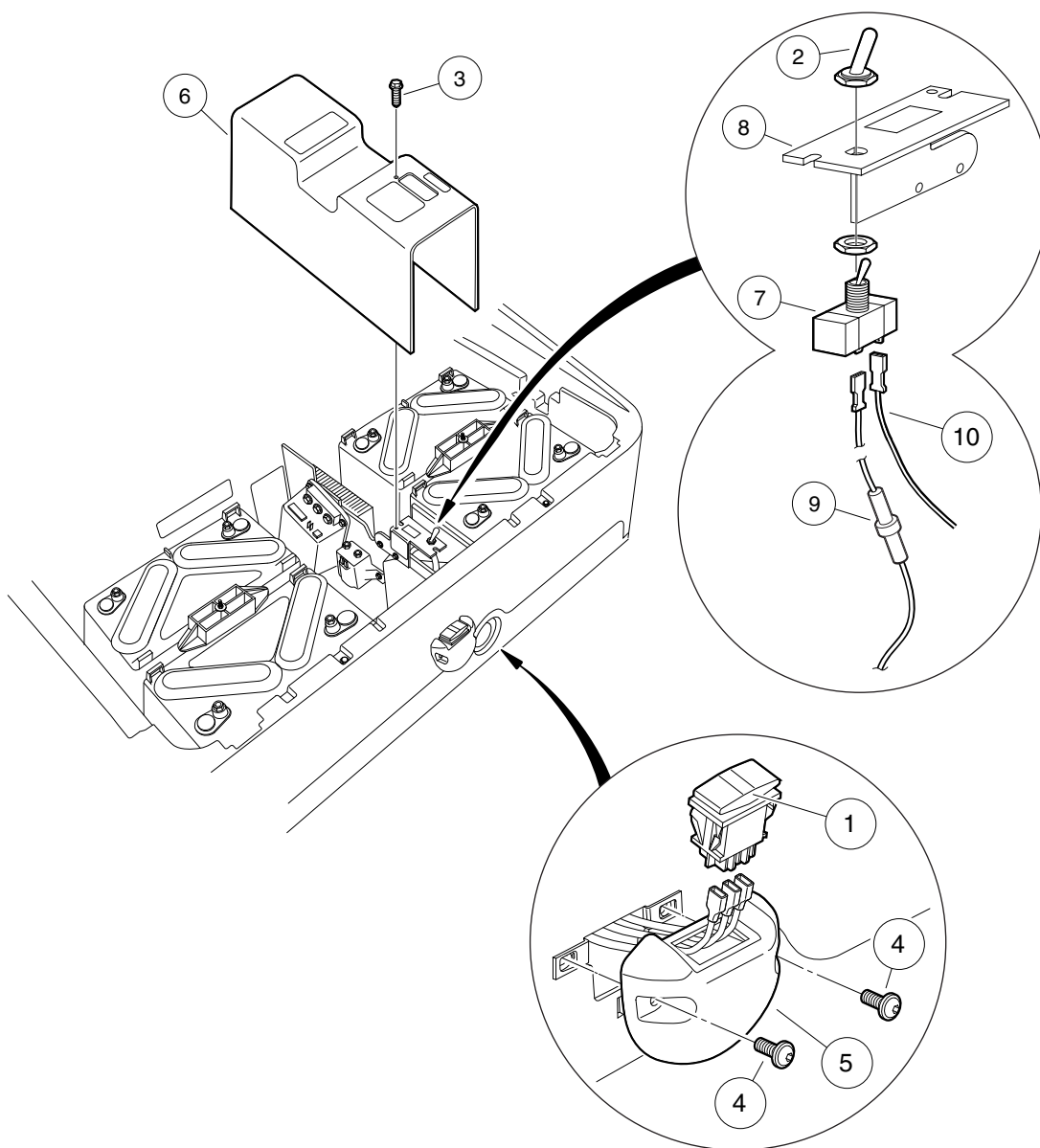
See previous two pages for illustration.

WIRING – ELECTRIC VEHICLE

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

13

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000462-001

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

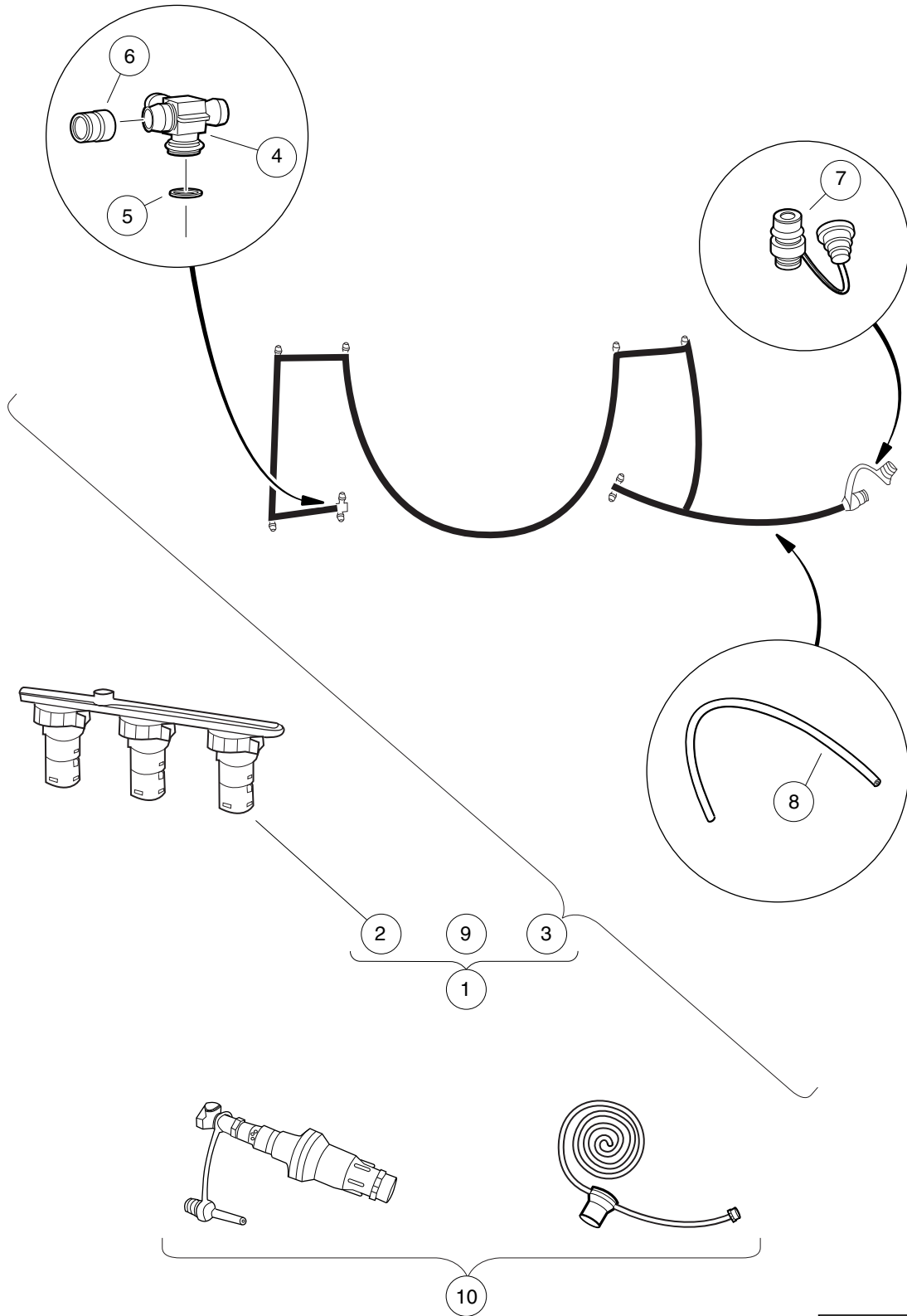
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>101856002</u>	Switch, Rocker, Single-Pole	1
2	<u>101908401</u>	Boot, Switch	1
3	<u>102296716</u>	Screw, M6 X 16 Tt Hx Fl Hd	1
4	<u>102296920</u>	Screw, M6 Torx Bttn Hd Sems	2
5	<u>102508401</u>	Housing, FNR Electric	1
6	<u>102510901</u>	Cover, Electronics Module	1
7	<u>102511101</u>	Switch, Tow	1
8	<u>102520001</u>	Hour Meter/tow Switch Bkt	1
9	<u>102538601</u>	15 Amp Fuse	1
10	<u>102576801</u>	Diode Asm, Precedent	1

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000731-001

SINGLE POINT WATERING SYSTEM

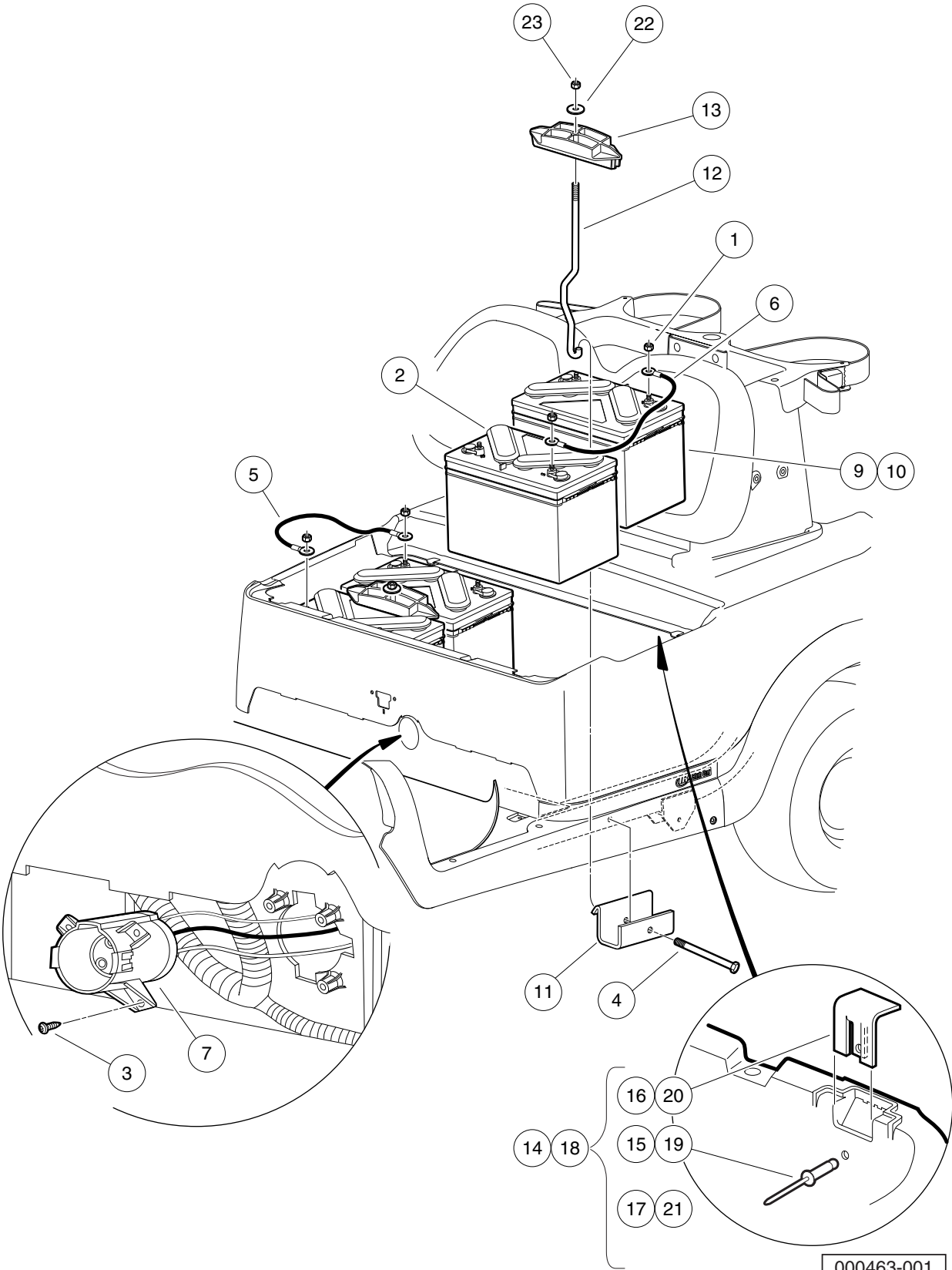
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102956301</u>	Kit Spws Prec Fr (includes items 2 through 9)	1
2	<u>102956401</u>	Manifold, SPWS (Single-Point Watering System)	8
3	<u>102956501</u>	Assy Tube Single-Point Watering System, Precedent (includes items 4 through 8)	1
4	<u>103226201</u>	Fitting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

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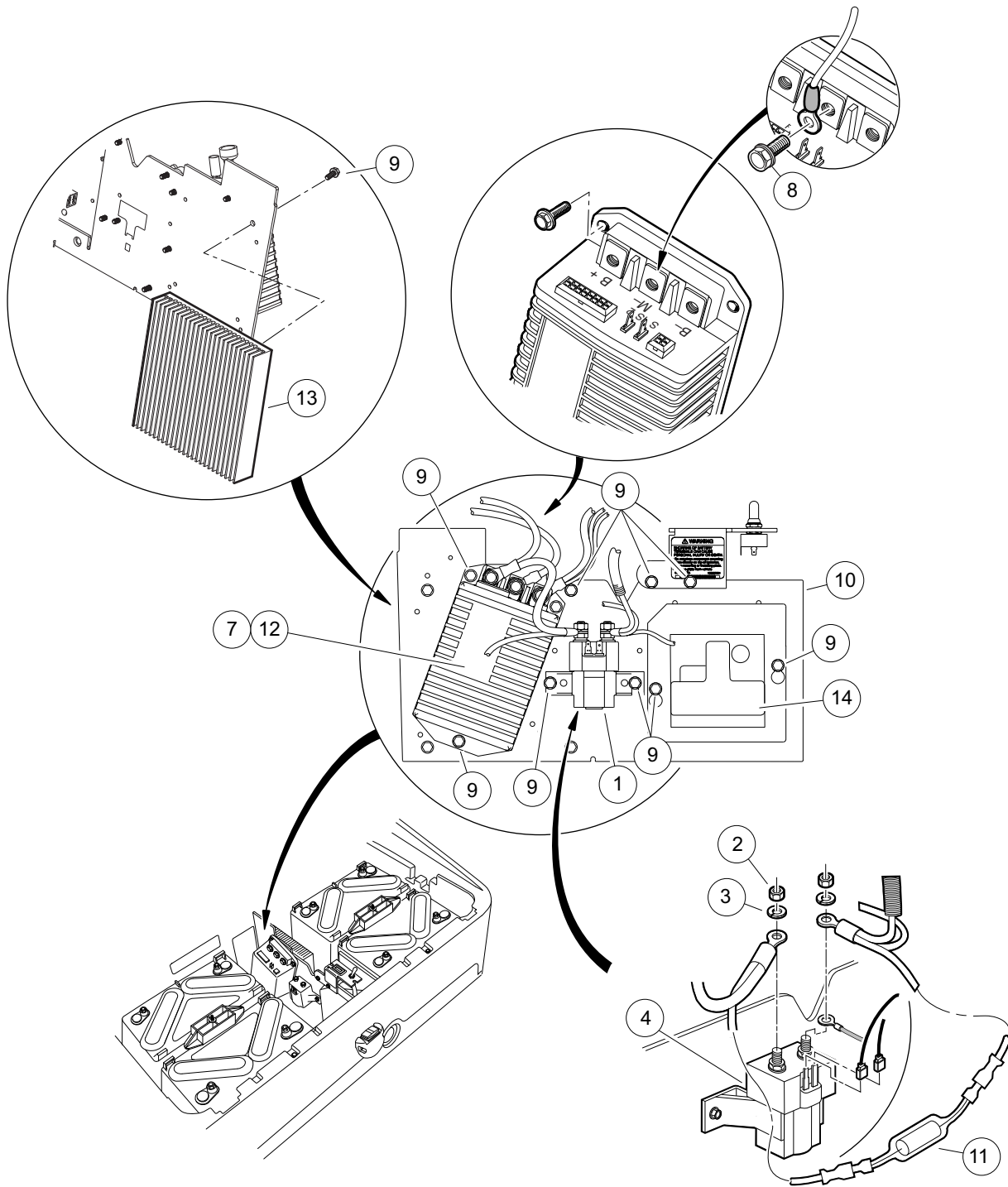


BATTERIES, BUCKET, AND CHARGER RECEPTACLE – ELECTRIC VEHICLE

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

13

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000486-001

COMPUTER, CONTROLLER, AND SOLENOID – ELECTRIC VEHICLE

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

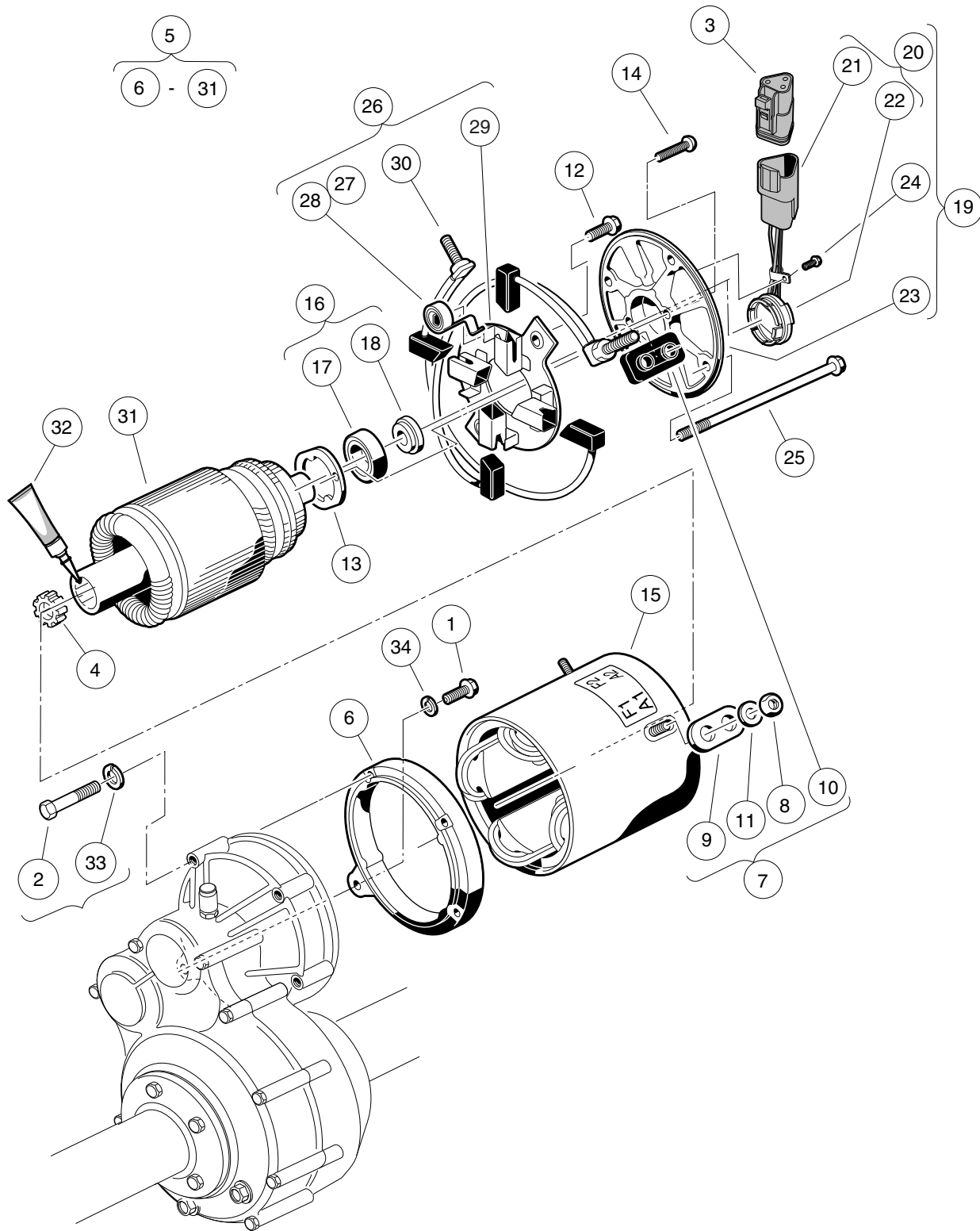
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ELECTRIC MOTOR

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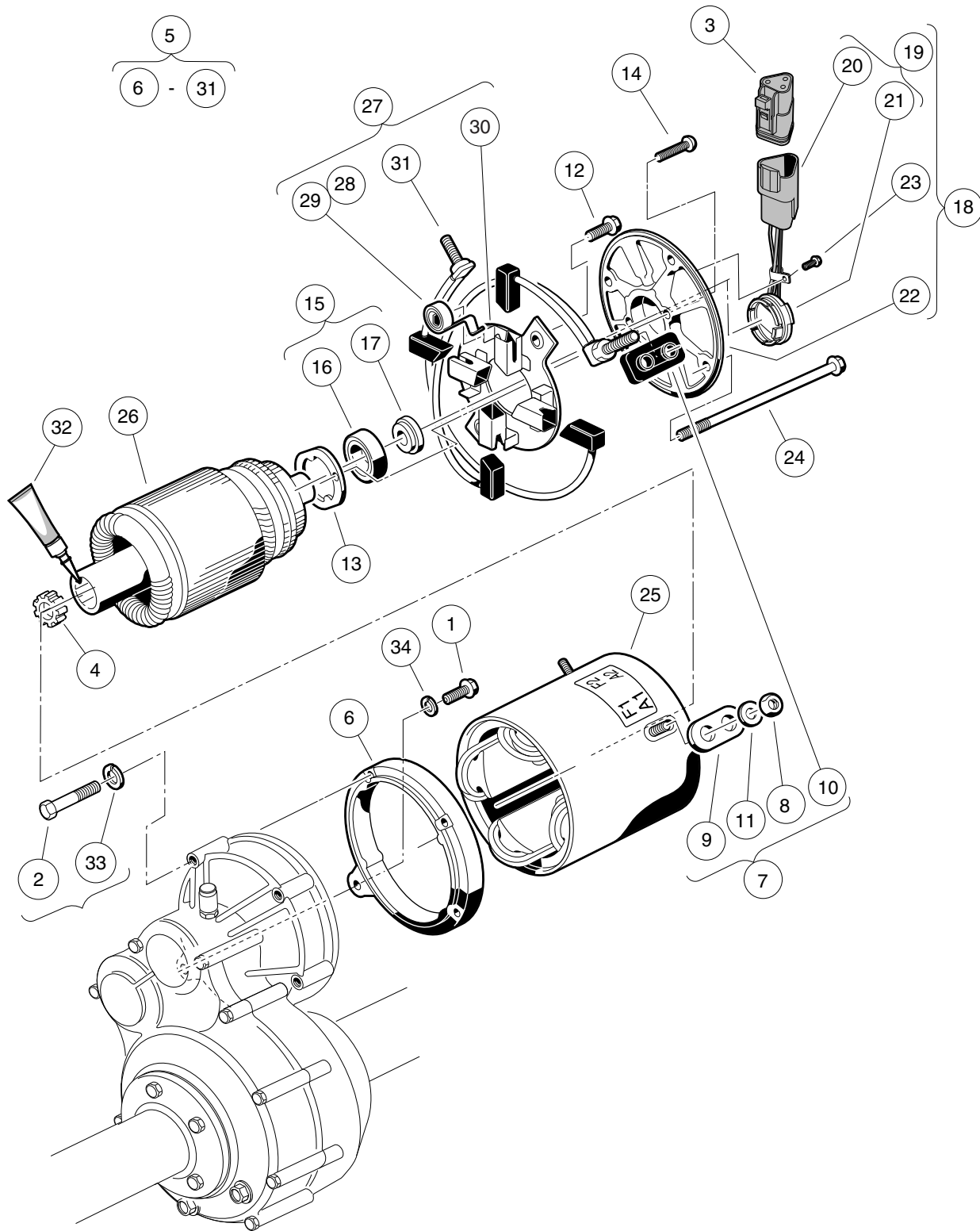


000349-001

MOTOR (MODEL 5BC59JBS6365) – ELECTRIC VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1010934</u>	Screw, 5/16-18 X 1.00 Hex Cap	1
2	<u>1014201</u>	Screw, 1/4-20 X 2.25 Hex Cap	3
3	<u>101920101</u>	Kit, 3-Pin Wedge Lock	1
4	<u>102235201</u>	Bumper, Drive Unit	1
5	<u>102240102</u>	Motor, 48-Volt Shunt-Wound * (includes items 6 through 31)	1
6	<u>1017944</u>	End Shield	1
7	<u>1017947</u>	Hardware Package (includes items 8 through 11)	1
8	<u>1011280</u>	Locknut, 5/16-18	4
9	N/A	Insulator Bushing	2
10	N/A	Insulated Bushing	2
11	<u>1241</u>	Washer, 5/16 Type A Flat	4
12	<u>1017949</u>	Screw, #6-32 X 0.480 Hex-Head	2
13	<u>1017950</u>	Bearing Retainer	1
14	<u>1017953</u>	Screw, Bearing Retainer	2
15	<u>102265501</u>	Stator Shell and Winding	1
16	<u>102265701</u>	Kit, Bearing and Magnet (includes items 17 and 18)	1
17	<u>1011290</u>	Ball Bearing	1
18	<u>102265801</u>	Magnet	1
19	<u>102265901</u>	Motor End Shield Asm (includes items 20 through 24)	1
20	<u>102265601</u>	Speed Sensor Assembly (includes items 21 and 22)	1
21	<u>101942301</u>	Kit, 3-Pin Wedge Lock	1
22	N/A	Sensor, Speed, without Connector	1
23	<u>102266001</u>	End Shield, Motor	1
24	<u>102267001</u>	Screw, #8-32 X 0.375 Hex-Head	1
25	<u>102266101</u>	Screw, #10 - 32 X 8.250	4
26	<u>102327801</u>	Brush Assembly, Beveled (includes items 27 through 30)	1
27	<u>1011411</u>	Kit, Brush Spring (ge Motor) (includes item 28)	1
28	<u>1011285</u>	Brush Spring	4
29	<u>1017948</u>	Brush Rigging	1
30	<u>102251901</u>	Brush Kit, Motor	1
31	N/A	Armature	1
32	<u>102243403</u>	Lubricant, Moly-Teflon (Single-Use Tube)	1
33	<u>451</u>	Lockwasher, 1/4 Split	3
34	<u>7174</u>	Lockwasher, 5/16 Split	1
* Note: The model 5BC59JBS6365 motor has been discontinued. To replace the motor, use motor model EJ8-4001A.			

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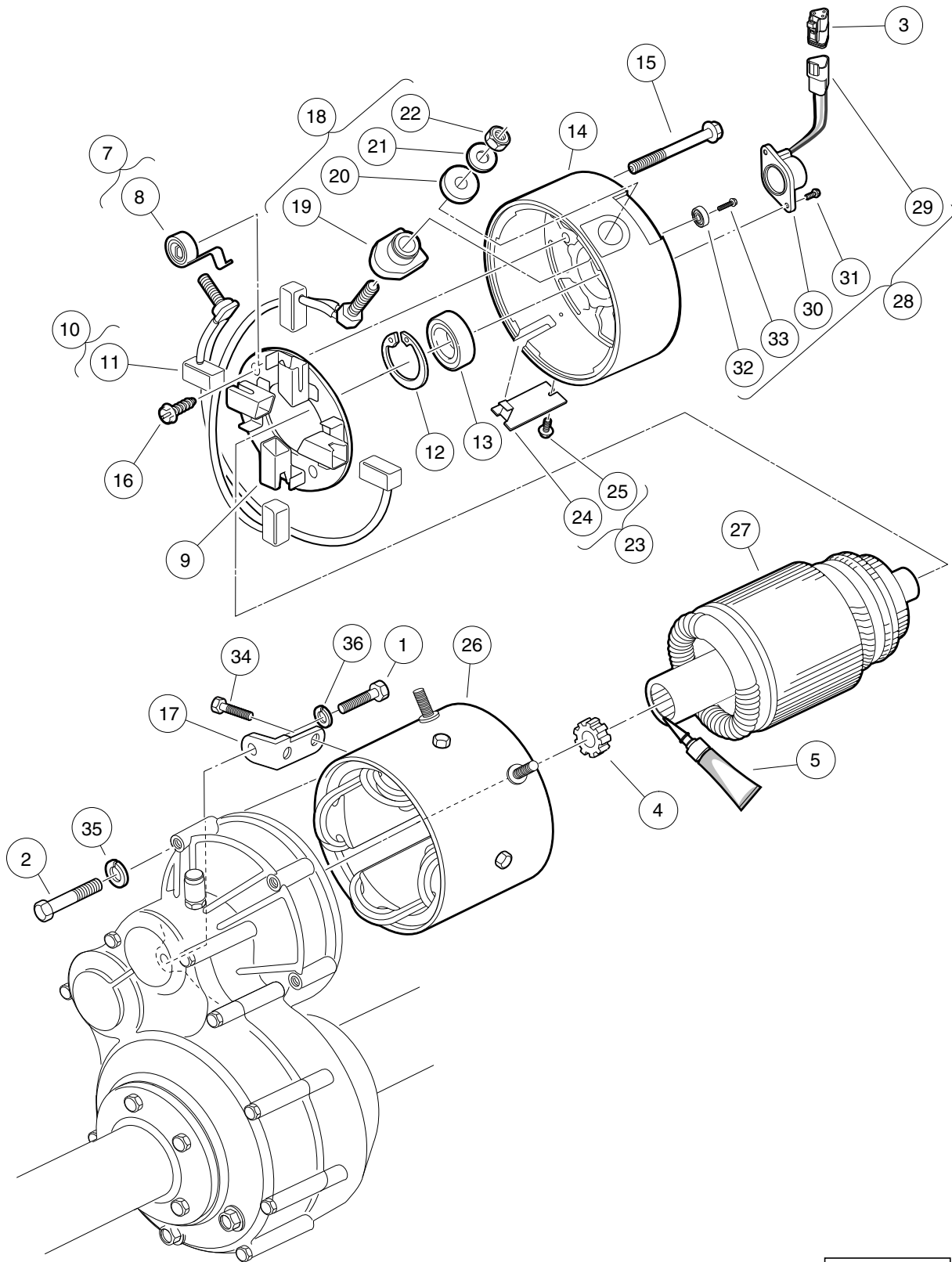
000349-002

MOTOR (MODEL 5BC59JBS6390) – ELECTRIC VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1010934</u>	Screw, 5/16-18 X 1.00 Hex Cap	1
2	<u>1014201</u>	Screw, 1/4-20 X 2.25 Hex Cap	3
3	<u>101920101</u>	Kit, 3-Pin Wedge Lock	1
4	<u>102235201</u>	Bumper, Drive Unit	1
5	<u>102240104</u>	Motor, 48-Volt Non-Skew IQ * (includes items 6 through 27)	1
6	<u>1017944</u>	End Shield	1
7	<u>1017947</u>	Hardware Package (includes items 8 through 11)	1
8	<u>1011280</u>	Locknut, 5/16-18	4
9	N/A	Insulator Bushing	2
10	N/A	Insulated Bushing	2
11	<u>1241</u>	Washer, 5/16 Type A Flat	4
12	<u>1017949</u>	Screw, #6-32 X 0.480 Hex-Head	2
13	<u>1017950</u>	Bearing Retainer	1
14	<u>1017953</u>	Screw, Bearing Retainer	2
15	<u>102265701</u>	Kit, Bearing and Magnet (includes items 16 and 17)	1
16	<u>1011290</u>	Ball Bearing	1
17	<u>102265801</u>	Magnet	1
18	<u>102265901</u>	Motor End Shield Asm (includes items 19 through 23)	1
19	<u>102265601</u>	Speed Sensor Assembly (includes items 20 and 21)	1
20	<u>101942301</u>	Kit, 3-Pin Wedge Lock	1
21	N/A	Sensor, Speed, without Connector	1
22	<u>102266001</u>	End Shield, Motor	1
23	<u>102267001</u>	Screw, #8-32 X 0.375 Hex-Head	1
24	<u>102266101</u>	Screw, #10 - 32 X 8.250	4
25	<u>103325701</u>	Stator Shell and Winding	1
26	<u>103325801</u>	Non Skew Armature	1
27	<u>103337601</u>	Brush Assembly, IQ Motor, Non-Skew (includes items 28 through 31)	1
28	<u>1011411</u>	Kit, Brush Spring (ge Motor) (includes item 29)	1
29	<u>1011285</u>	Brush Spring	4
30	<u>103325501</u>	Brush Rigging, Non-Skew Motor	1
31	<u>103325601</u>	Brush Set, Non-Skew	1
32	<u>102243403</u>	Lubricant, Moly-Teflon (Single-Use Tube)	1
33	<u>451</u>	Lockwasher, 1/4 Split	3
34	<u>7174</u>	Lockwasher, 5/16 Split	1
* Note: The model 5BC59JBS6390 motor has been discontinued. To replace the motor, use motor model EJ8-4001A.			

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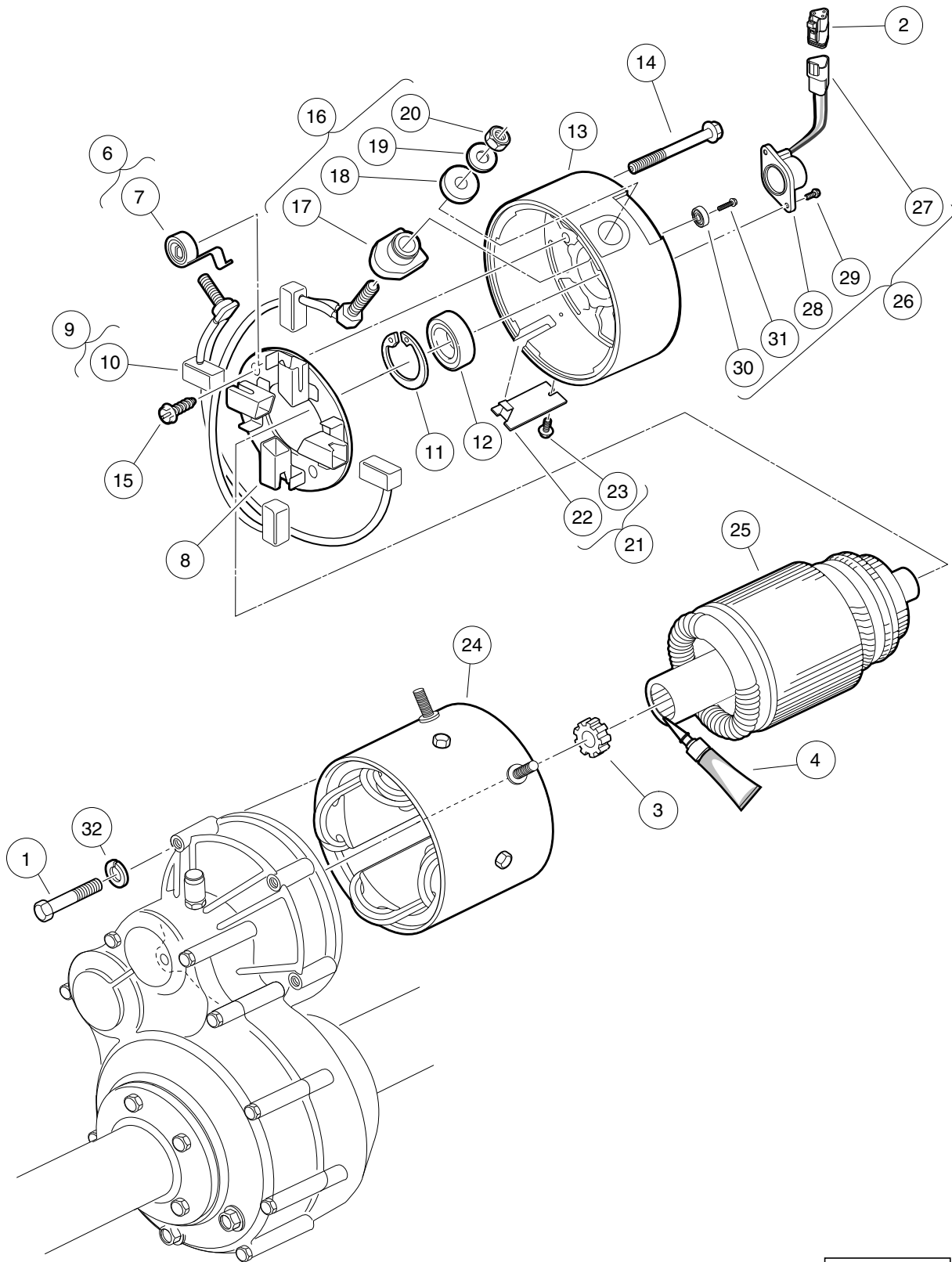
000185-001

MOTOR (MODEL EJ4-4001) – ELECTRIC VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1010934</u>	Screw, 5/16-18 X 1.00 Hex Cap	1
2	<u>1014201</u>	Screw, 1/4-20 X 2.25 Hex Cap	3
3	<u>101920101</u>	Kit, 3-Pin Wedge Lock	1
4	<u>102235201</u>	Bumper, Drive Unit	1
5	<u>102243403</u>	Lubricant, Moly-Teflon (Single-Use Tube)	1
6	<u>102705001</u>	IQ Electric Motor, 48-VDC 3.3 hp * (includes items 7 through 34)	1
7	<u>102186001</u>	Spring Kit, Motor Brush (includes item 8)	1
8	N/A	Spring, Brush, S-g	4
9	<u>102186101</u>	Brush Box Assembly	1
10	<u>102186201</u>	Brush Kit, Motor (includes item 11)	1
11	N/A	Assembly, Brush and Terminal	2
12	<u>102186301</u>	Ring, 2.24" Internal Retaining	1
13	<u>102186401</u>	Bearing, Ball	1
14	<u>102186701</u>	End Cap, Motor	1
15	N/A	Screw, 1/4-20 X 2.25 Hex-Head Washer	2
16	<u>102186901</u>	Screw, #8-32 X .5 Hex-Head	2
17	<u>102187001</u>	L-Bracket, Motor	1
18	<u>102187101</u>	Hardware Kit, Motor Terminal (includes items 19 through 22)	2
19	N/A	Bushing, Nylon	2
20	N/A	Washer, Nylon Flat	2
21	N/A	Washer, Flat, 5/16 Steel	2
22	N/A	Nut, Brass Hex, 5/16 - 18	2
23	<u>102187201</u>	Plate Kit, Motor Cover (includes items 24 and 25)	1
24	N/A	Assembly, Cover Plate	1
25	N/A	Screw, #8-32 x 0.375, Taptite Thread	1
26	<u>102704701</u>	Frame and Field Assembly	1
27	<u>102704801</u>	Armature Assembly	1
28	<u>102704901</u>	Kit, Speed Sensor (includes items 29 through 33)	1
29	<u>101942301</u>	Kit, 3-Pin Wedge Lock	1
30	N/A	Sensor, Motor Speed, ADC	1
31	N/A	Screw, #8-32, Taptite Thread	2
32	N/A	Magnet, ADC Motor	1
33	N/A	Screw, 1/4-20 x 0.5	1
34	N/A	Bolt, 1/4 - 20 x 0.73 Thread-Forming	2
35	<u>451</u>	Lockwasher, 1/4 Split	3
36	<u>7174</u>	Lockwasher, 5/16 Split	1
* Note: The model EJ4-4001 motor has been discontinued. To replace the motor, use motor model EJ8-4001A.			

14

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000185-002

MOTOR (MODEL EJ8-4001A) – ELECTRIC VEHICLE

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

14

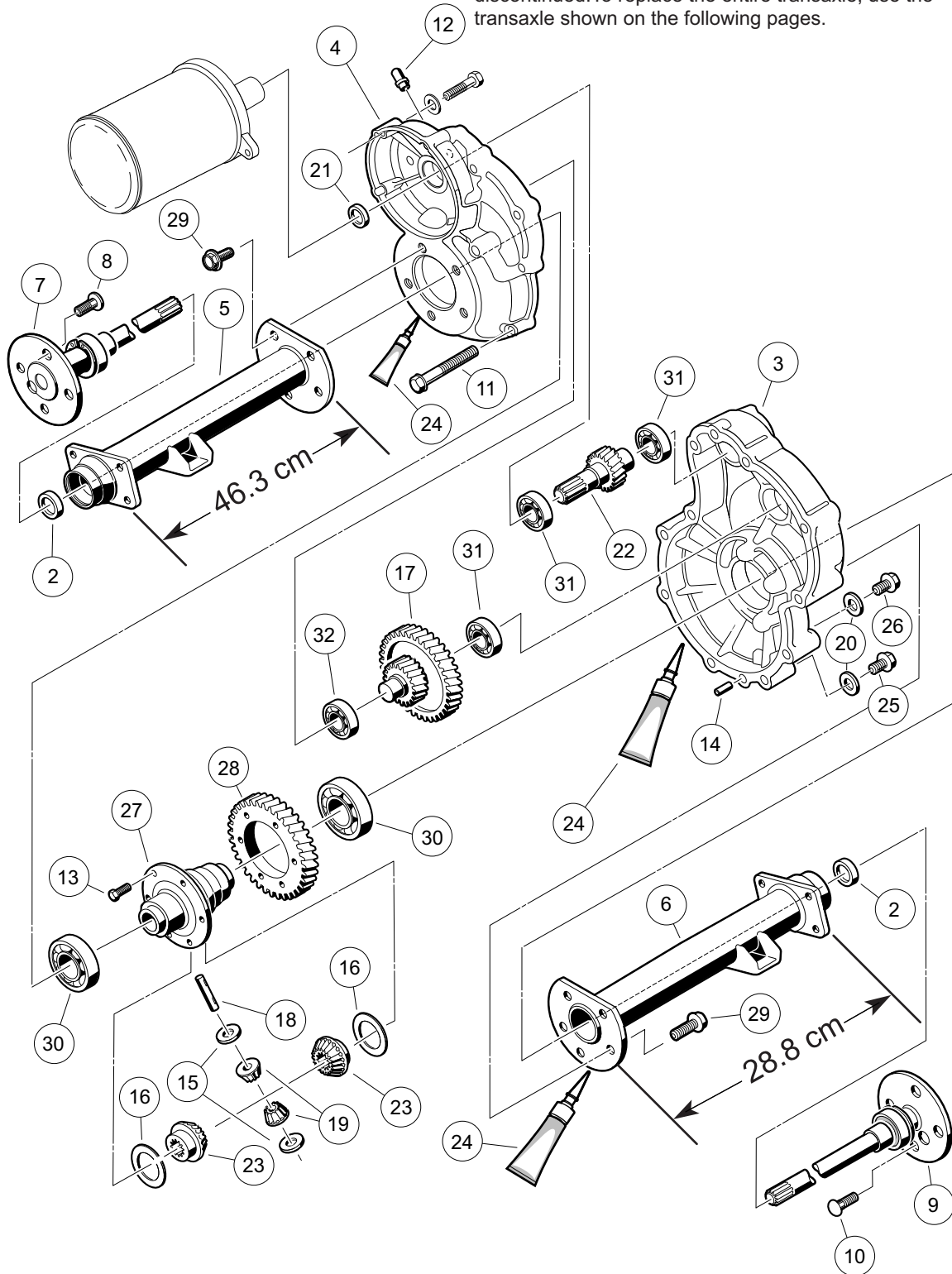
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TRANSAXLE – ELECTRIC VEHICLES

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



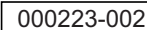
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TRANSAXLE – ELECTRIC VEHICLE (EARLIER VERSION)

ITEM	PART NO.	DESCRIPTION	QTY
1	<u>101896001</u>	1 2 3 4 Transaxle -12.3 Note: If either the Differential Output Gear (item 28) or the Differential Housing (item 27) require replacement, both must be purchased at the same time. Items 27 and 28 are replacements for all gear and differential housing combinations in this transaxle.	1

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TRANSAXLE – ELECTRIC VEHICLE (LATER VERSION)

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

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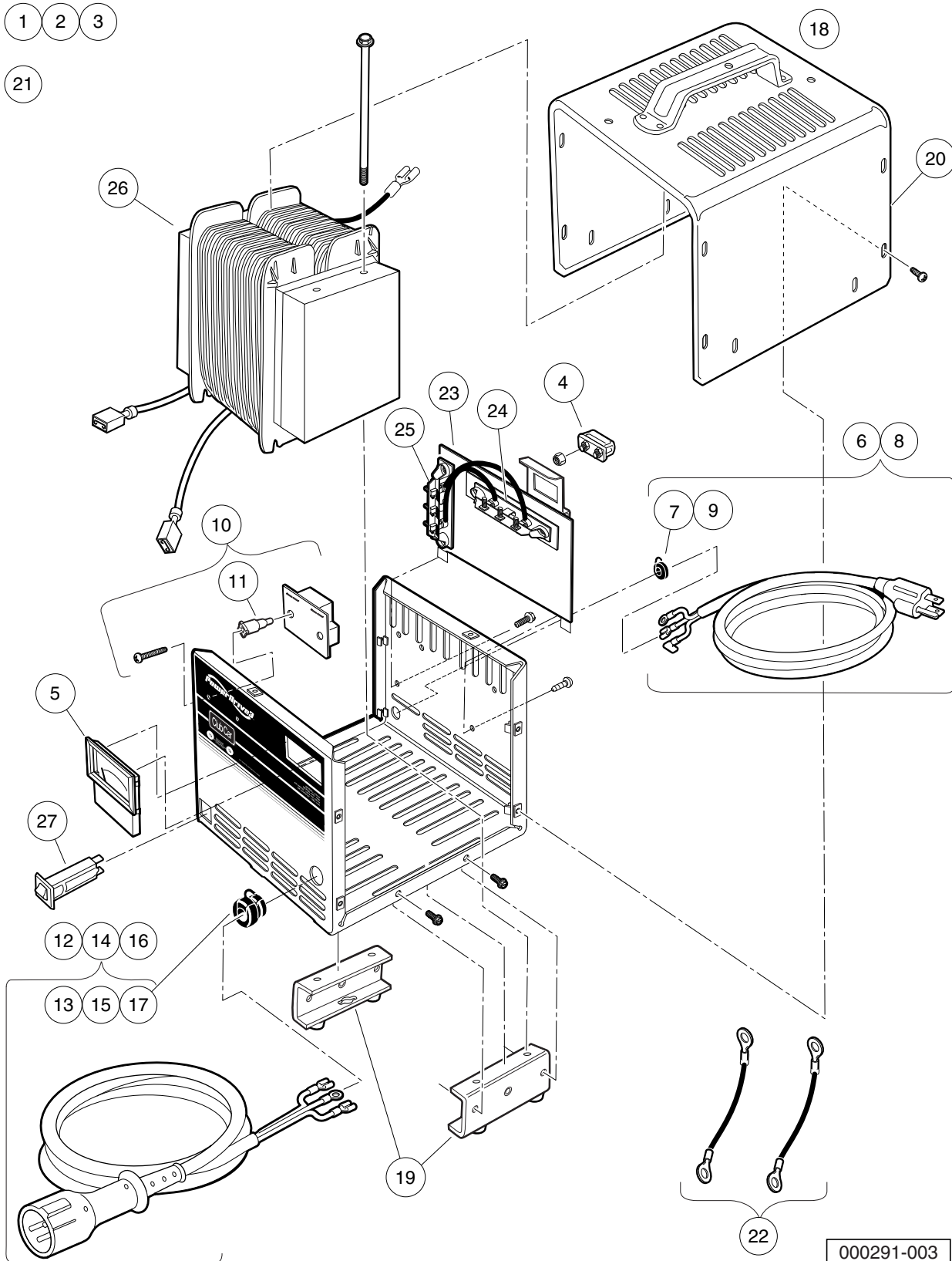
BATTERY CHARGER

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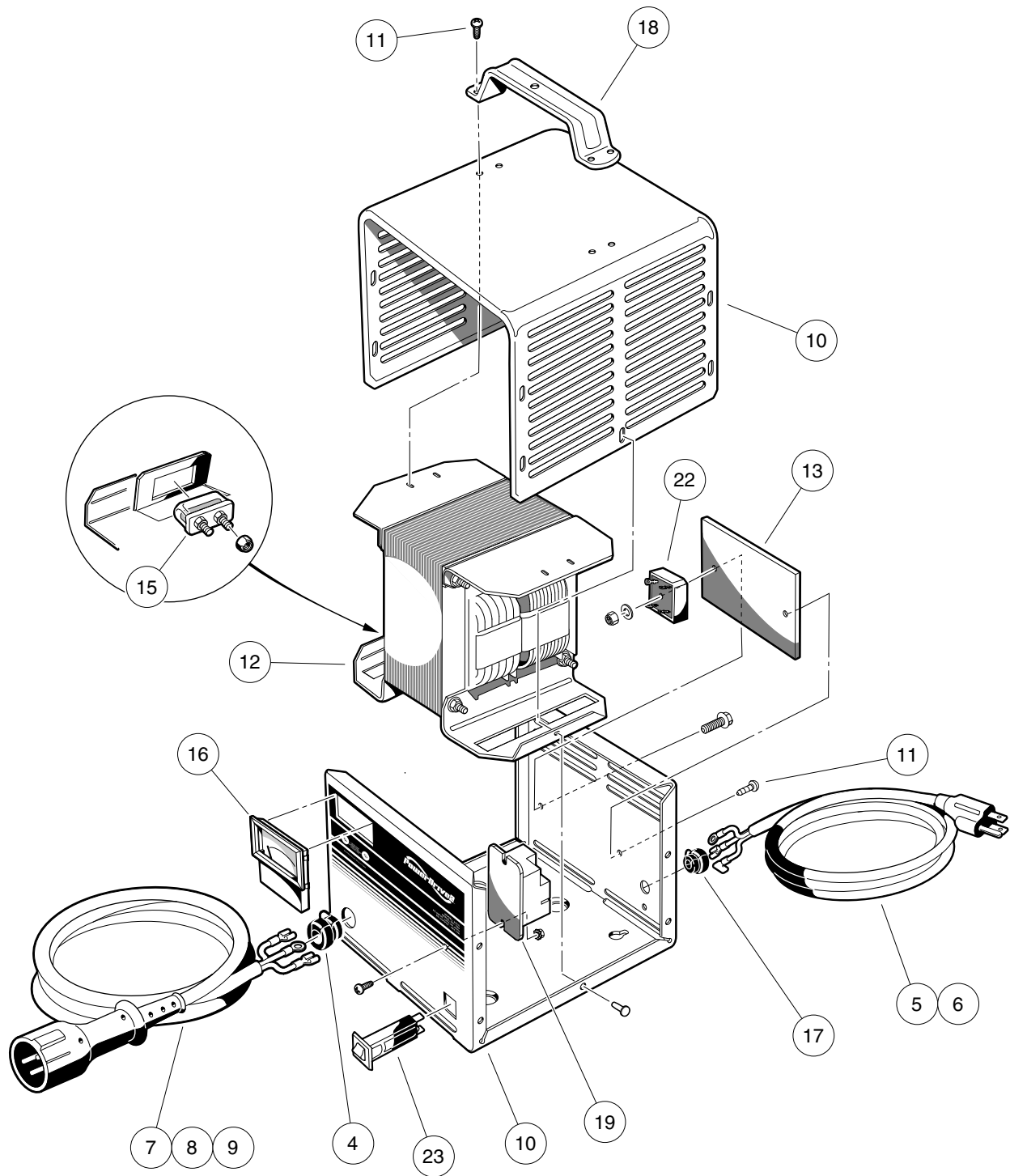
000291-003

POWERDRIVE 3 BATTERY CHARGER, DOMESTIC

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

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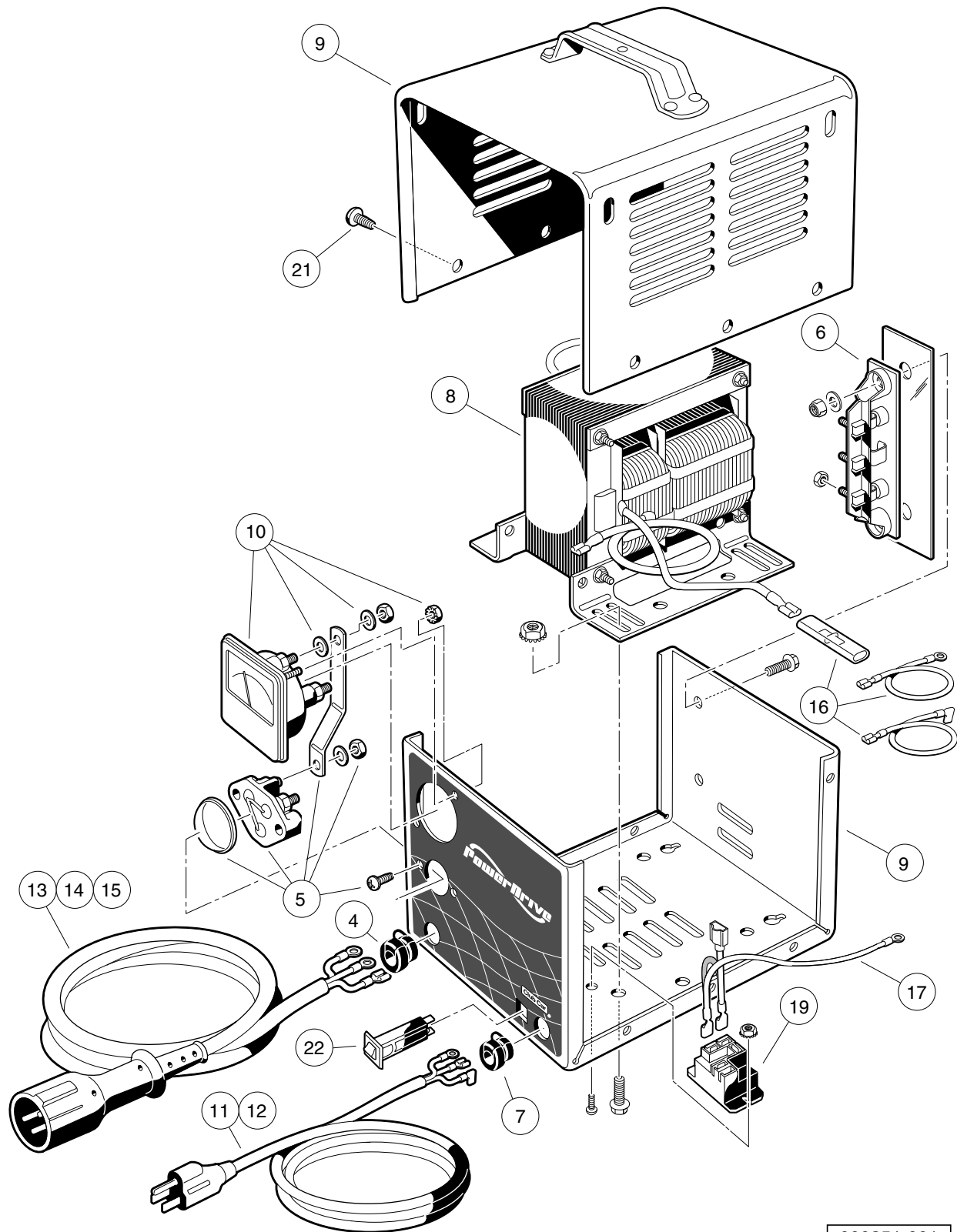
000291-001

POWERDRIVE 2 BATTERY CHARGER (MODEL 22110), DOMESTIC

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

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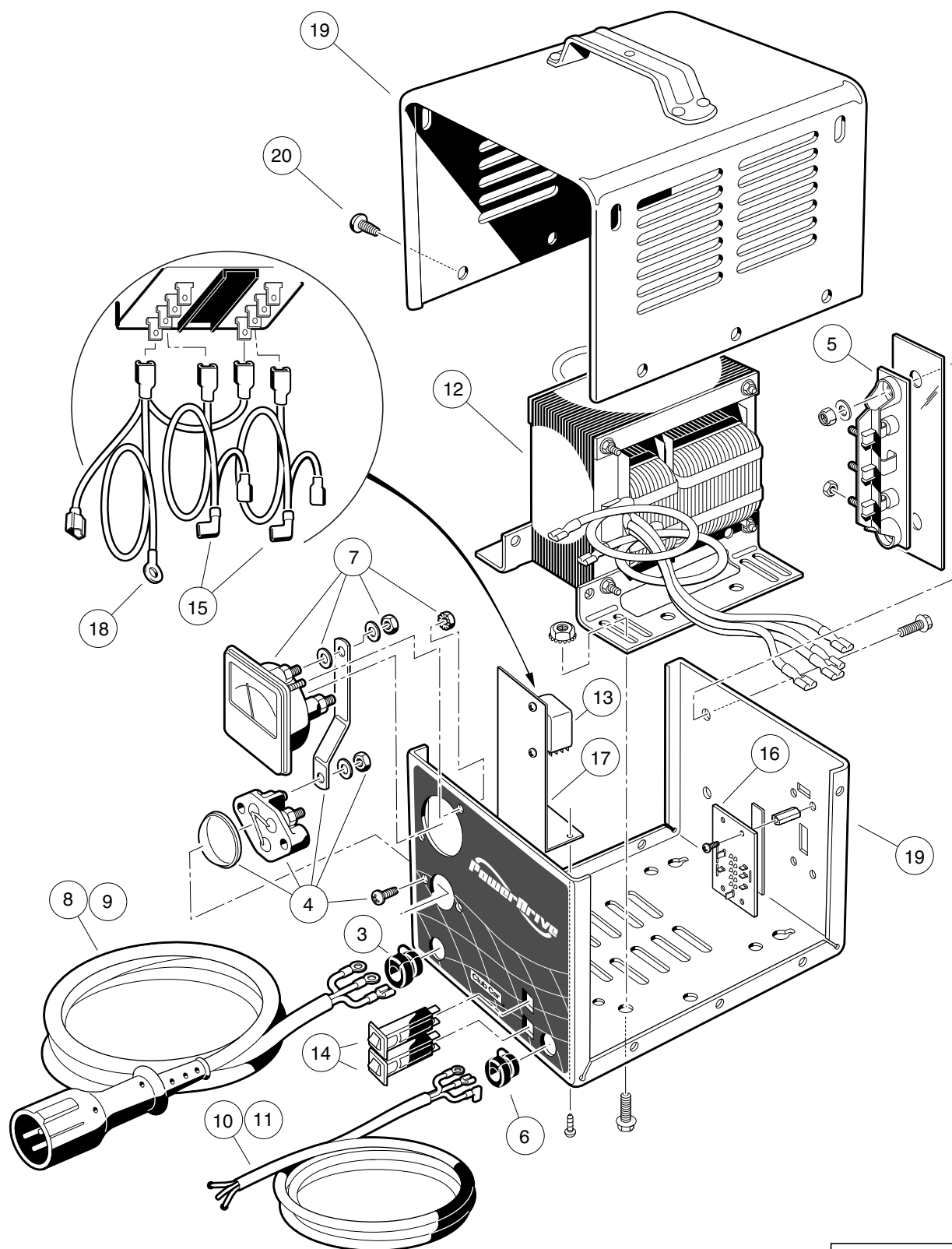
000351-001

POWERDRIVE BATTERY CHARGER (MODEL 17930), DOMESTIC

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

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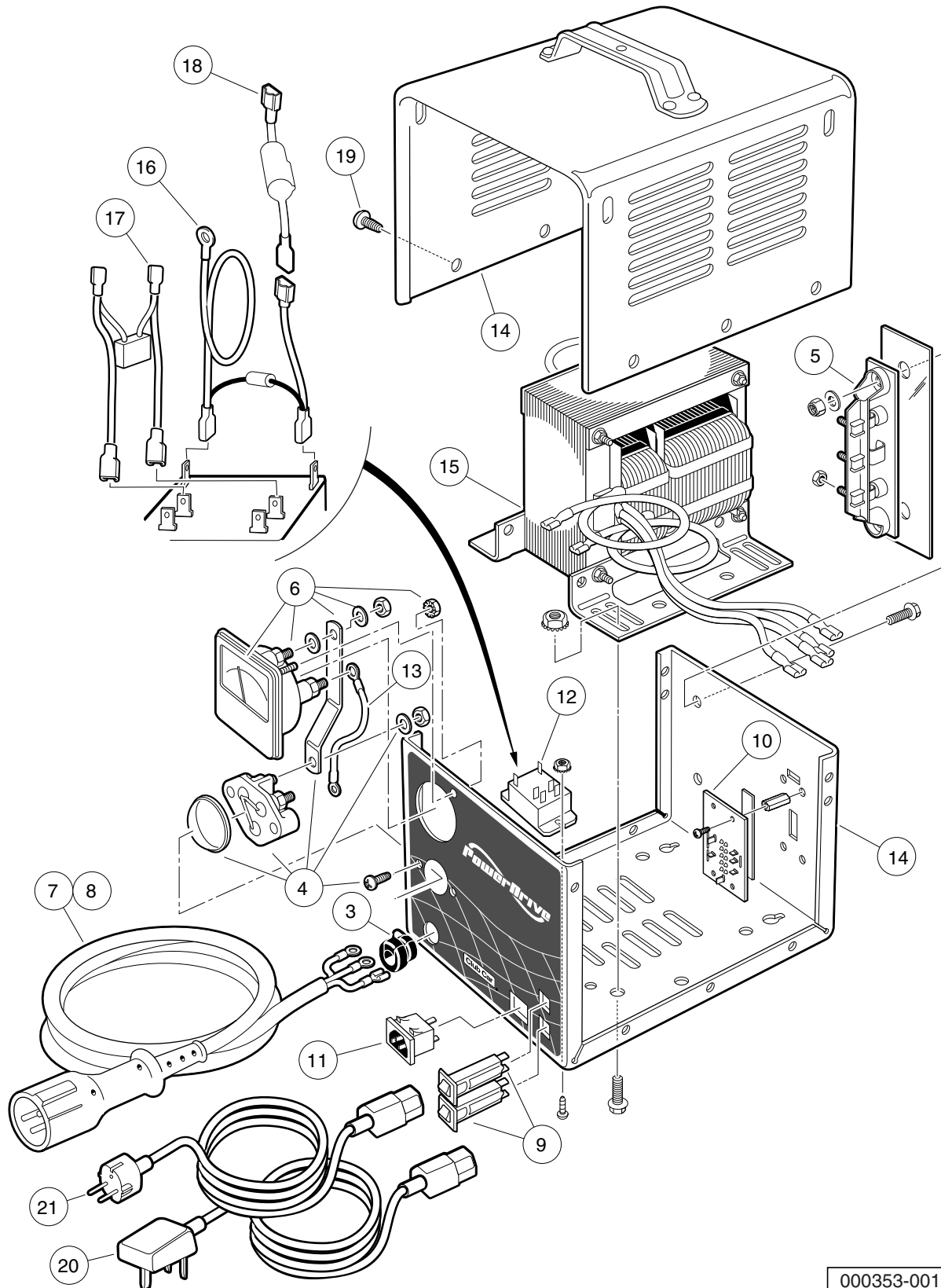
000352-001

POWERDRIVE BATTERY CHARGER (MODEL 18780), EXPORT

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

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POWERDRIVE BATTERY CHARGER (MODEL 20310), EUROPEAN

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>101956201</u>	Battery Charger, 48-Volt w/ 4-Position Switch (8.5-ft DC)	1
2	<u>101956202</u>	Battery Charger, 48-Volt w/ 4-Pos. Switch (12-ft DC) (includes items 3 through 19)	1
3	<u>1012098</u>	Bushing, DC Cord	1
4	<u>1012101</u>	Fuse Assembly	1
5	<u>1015914</u>	Rectifier with Heatsink Assembly	1
6	<u>101828501</u>	Ammeter	1
7	<u>101828901</u>	Cord, DC, 113-Inch (287 cm)	1
8	<u>101828902</u>	Cord, DC, 154-Inch (391 cm)	1
9	<u>101838401</u>	Circuit Breaker	2
10	<u>101838601</u>	Four-Position Switch	1
11	<u>101973501</u>	Receptacle, AC Cord	1
12	<u>101987501</u>	Relay	1
13	N/A	Wire, Jumper	1
14	N/A	Case, Charger	1
15	****	Transformer, European Battery Charger	1
16	****	Suppressor, AC Voltage	1
17	****	Assembly, Wire	1
18	****	Limiter, Current	1
19	7577	Screw, #10 X 0.50 Phillips Pan-Head	10
20	<u>101958201</u>	Cord, UK, AC, Battery Charger	1
21	<u>101958301</u>	Cord, European AC, Battery Charger	1
		**** Special order item available upon request.	
		Note: Level 1 Battery Charger part numbers include one AC and one DC cord. They do not include all of the level 2 cords listed.	

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MAINTENANCE AND SERVICE TOOLS

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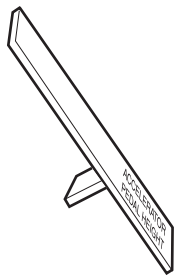
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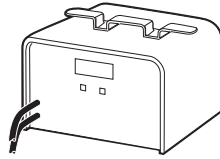
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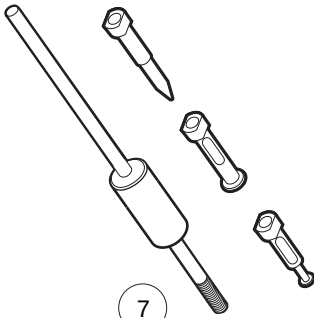
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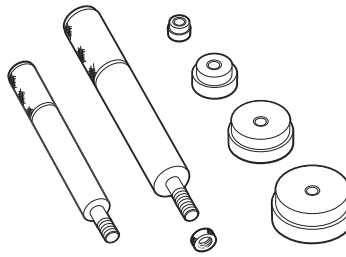
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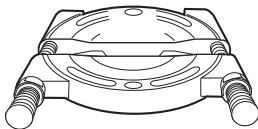
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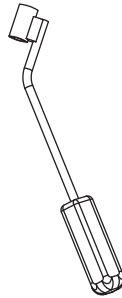
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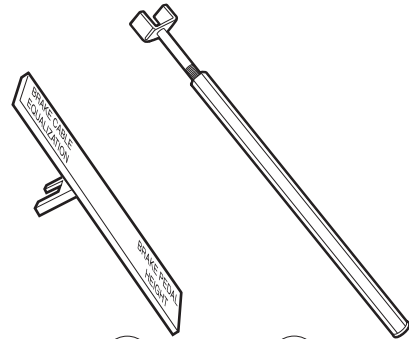
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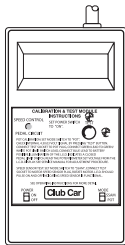
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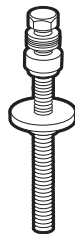
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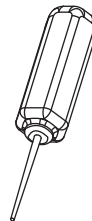
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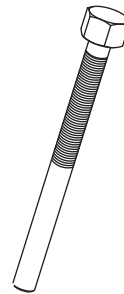
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MAINTENANCE AND SERVICE TOOLS

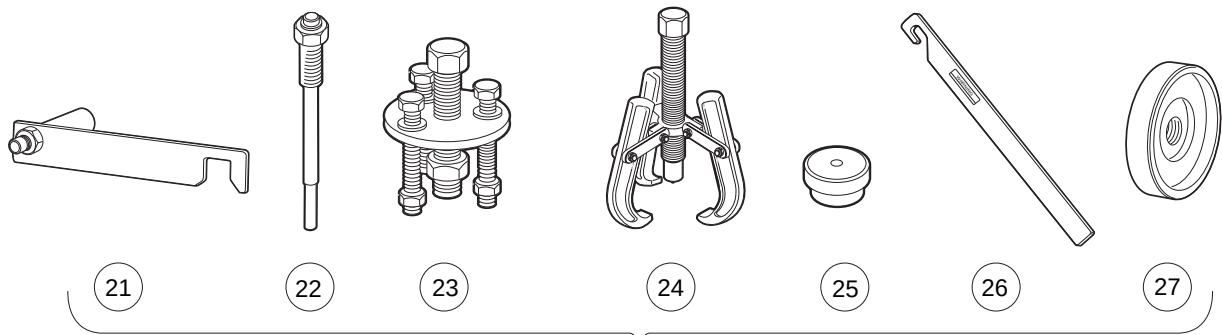
ITEM	PART NO.	DESCRIPTION	QTY DIESEL	QTY GAS	QTY ELEC	17 G E D
		1 2 3 4 The following tool list includes all tools available from Club Car for maintenance and service procedures for gasoline, electric, and/or diesel vehicles, both past and present models. Be sure to carefully examine the tool list for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

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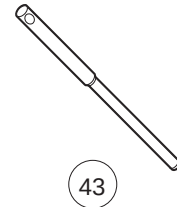
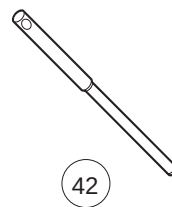
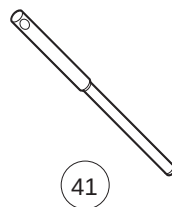
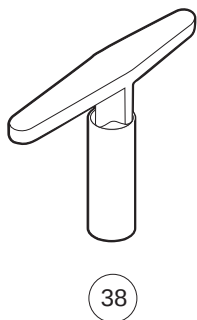
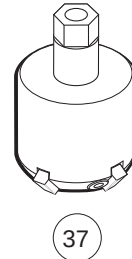
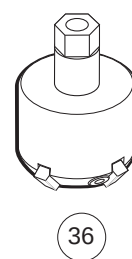
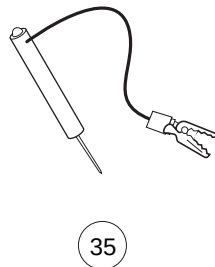
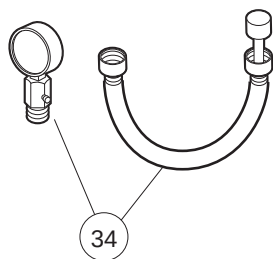
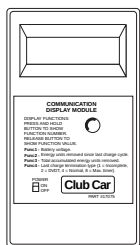
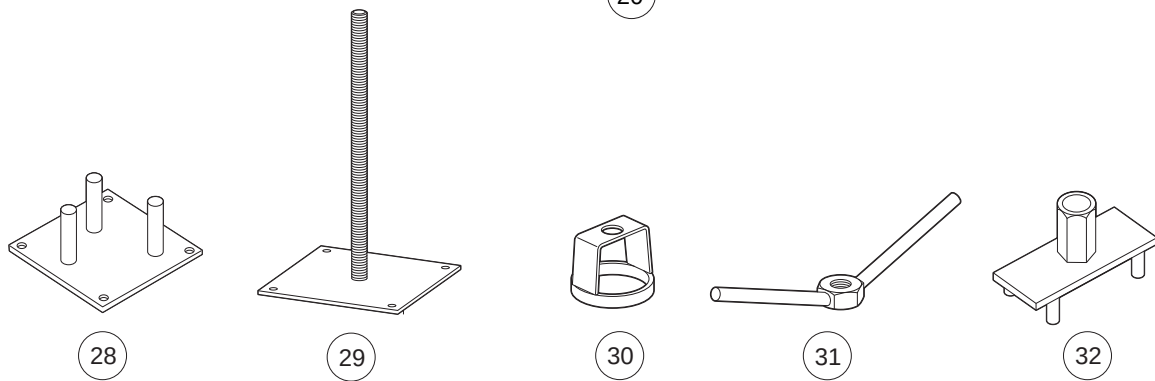
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MAINTENANCE AND SERVICE TOOLS, CONTINUED

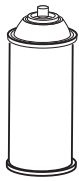
ITEM	PART NO.	DESCRIPTION	QTY DIESEL	QTY GAS	QTY ELEC	17 G E D
		1 2 3 4				
20	<u>1014510</u>	Clutch Tool Kit (includes items 21 - 27)		1		
21	<u>1014498</u>	Clutch Alignment Tool (for pre-unitized transaxle vehicles built prior to 1997 model year)		1		
22	<u>1014496</u>	Drive Clutch Puller (for Kawasaki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

17

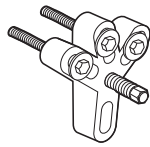
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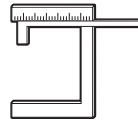
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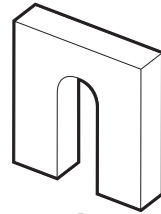
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45



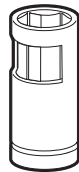
46



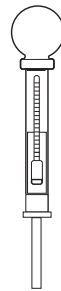
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48



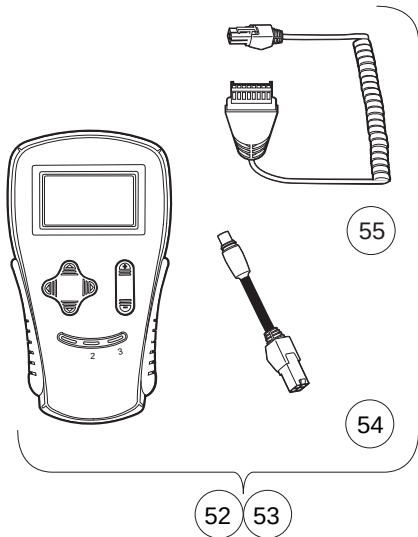
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50



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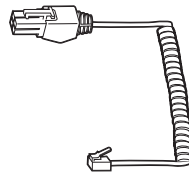


52

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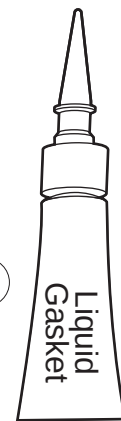


59

60



61



57

MAINTENANCE AND SERVICE TOOLS, CONTINUED

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

17

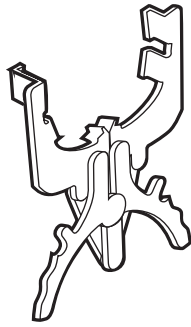
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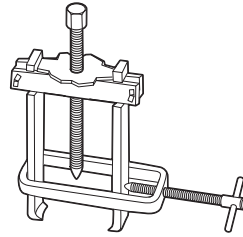
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62



63



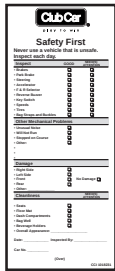
64



65



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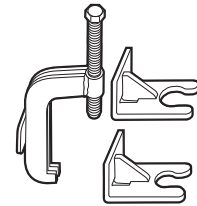
69



70



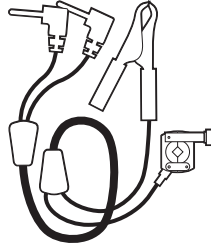
71



72



73



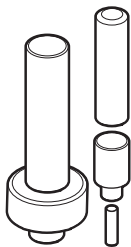
74



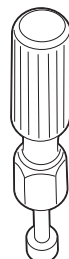
75



76



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83



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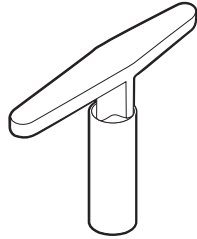
86

MAINTENANCE AND SERVICE TOOLS, CONTINUED

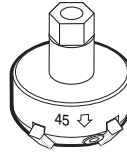
ITEM	PART NO.	DESCRIPTION	QTY DIESEL	QTY GAS	QTY ELEC	17
		1 2 3 4				G
62	<u>1016414</u>	Piston Ring Compressor Kit (FE290, FE350 and FE400 engines)		1		E
63	<u>1016415</u>	Piston Ring Pliers (for Kawasaki Engines)		1		D
64	<u>102668801</u>	Puller, Special Use (for Kubota D722 Diesel Engines)	1			
65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



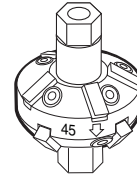
87



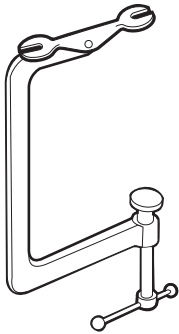
88



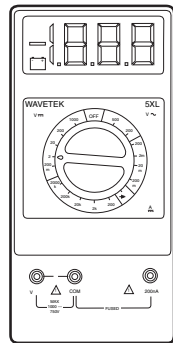
89



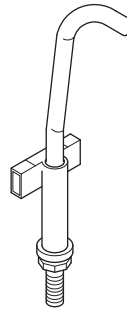
90



91



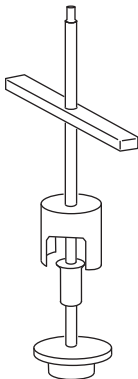
92



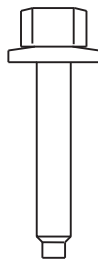
93



94



95



96

MAINTENANCE AND SERVICE TOOLS, CONTINUED

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

INDEX

Part Number and Page

AM10753	17-9	1011767	17-3	1013773	12-9
AM10771	17-9	1012098	16-3, 16-5, 16-7, 16-9, 16-11	1013774	12-9
AM10079	6-3, 13-3	1012101	16-7, 16-9, 16-11	1013787	12-9
AM10080	12-5, 12-7	1012151	17-7	1013792	12-9
AM10081	12-5, 12-7	1012180	5-17, 5-19	1013794	12-9, 15-5
AM10419	11-7	1012181	5-17, 5-19, 5-21	1013924	4-3, 7-15, 8-15
AM10724	7-5, 8-5	1012182	5-17, 5-19, 5-21	1014007	12-3
CCX8506	16-3, 16-5, 16-7	1012285	9-13	1014049	11-3
183	11-3, 12-3	1012295	6-5	1014050	11-3
332	10-3, 10-5	1012431	12-11	1014051	11-3
334	7-15, 8-15	1012505	6-3, 13-3	1014052	11-3
451	10-3, 10-5, 14-3, 14-5, 14-7, 14-9	1012528	10-3, 10-5, 13-15	1014055	11-3
705	7-15, 8-15	1012549	17-9	1014056	11-3
706	5-15	1012560	17-9	1014057	11-3
808	11-3, 13-13	1012565	5-3, 5-5	1014058	11-3
1241	6-17, 6-19, 10-5, 14-3, 14-5	1012566	5-3, 5-5	1014059	11-3
1242	4-7, 4-9, 6-5, 6-17, 6-19	1012571	7-15, 8-15	1014062	11-3
1624	6-17, 6-19	1012594	12-11	1014063	11-3
7174	6-17, 6-19, 9-13, 10-3, 10-5, 14-3, 14-5, 14-7	1012649	9-3	1014065	11-3, 12-11
7310	2-3, 2-5	1012711	12-3	1014070	11-7
7330	12-9, 15-5	1012714	12-5, 12-7	1014072	11-7
7335	12-5, 12-7, 15-5	1012740	12-5, 12-7	1014076	11-7
7336	15-5	1012741	12-5, 12-7	1014078	11-7
7577	16-5, 16-7, 16-9, 16-11	1012747	12-5, 12-7	1014080	11-7
7847	10-5	1012748	12-5, 12-7	1014089	12-11
7893	6-5	1012752	12-3	1014115	17-9
8057	12-11	1012809	17-9	1014145	12-11
8058	12-11	1012811	17-3	1014153	4-3
8233	12-3	1012812	17-3	1014161	17-9
8450	11-3	1012830	6-17, 6-19, 9-13, 10-3, 10-5	1014162	17-9
8717	12-3, 12-11	1012836	11-7	1014193	12-9
8745	5-15	1012896	12-3	1014201	14-3, 14-5, 14-7, 14-9
8754	6-17, 6-19, 13-13	1012987	12-11	1014207	12-9
1010142	5-17, 5-19, 5-21	1012991	6-15	1014259	17-9
1010144	5-17, 5-19, 5-21	1013001	6-15	1014264	17-9
1010145	5-17, 5-19, 5-21	1013003	6-15	1014287	11-3
1010434	1-7, 1-9, 1-17, 1-21, 1-31, 1-33, 1-35, 1-37, 1-39, 4-7, 4-9	1013005	6-15	1014288	11-3
1010577	7-15, 8-15	101301102	6-15	1014289	6-15
1010829	4-5	1013061	12-3	1014304	13-13
1010934	14-3, 14-5, 14-7	1013357	13-13	1014305	17-3
1010953	4-3	1013582	17-3	1014375	6-5
1010954	12-11	1013589	12-11	1014413	1-11, 9-15
1010984	2-3	1013590	12-11	1014453	11-3
1011273	17-5	1013591	12-11	1014454	11-7
1011280	14-3, 14-5	1013593	17-7	1014496	17-5
1011285	14-3, 14-5	1013609	6-5	1014497	17-5
1011290	14-3, 14-5	1013687	9-3	1014498	17-5
1011291	12-9	1013700	9-13	1014507	17-5
1011411	14-3, 14-5	1013734	10-3, 10-5, 13-15	1014508	17-5
1011415	5-17, 5-19, 5-21	1013746	9-3, 9-9, 9-11	1014510	17-5
1011478	17-7	1013760	12-3	1014555	5-17, 5-19, 5-21
1011480	17-11	1013768	12-9	1014727	12-11
1011697	8-15, 9-9, 9-11, 9-13	1013769	12-9	1014807	12-11
		1013770	12-9	1014902	1-35, 1-37, 1-39, 5-21
		1013771	12-9	1015064	12-11
		1013772	12-9	1015075	10-3

INDEX

1015137	9-3, 9-9, 9-11	1016446	7-9, 7-11	1016521	7-11, 8-11
1015139	9-3	1016447	7-9	1016523	7-9
1015143	9-3	1016448	7-9	1016524	7-3
101524001	6-17	1016449	7-9, 8-9	1016525	7-3
101524002	6-19	1016450	7-9, 8-9	1016526	7-3
1015330	7-9, 10-3	1016451	7-9	1016531	7-3, 8-3
1015332	7-3, 8-3	1016452	7-9, 8-9	1016532	7-13
1015524	17-5	1016453	7-11	1016533	7-13
1015649	7-3, 8-3	1016454	7-11, 8-11	1016535	7-11, 8-11
1015814	10-3, 10-5	1016455	7-5, 8-5	1016536	7-3
101584502	9-13	1016456	7-3, 7-5, 7-11, 8-3, 8-5	1016537	7-7, 8-7
1015914	16-7, 16-9, 16-11	1016457	7-7, 8-7	1016538	7-11, 8-11
1015917	16-7, 16-9	1016458	7-9, 7-11, 8-9	1016539	7-3, 8-3
1015932	6-17, 6-19	101645901	7-13	1016541	7-13, 8-13
1015969	7-3, 8-3	101645902	7-13	1016542	7-9
1016074	6-17, 6-19	101645903	7-13	1016544	7-5, 7-9, 7-11, 8-5, 8-9, 8-11
1016103	9-9, 9-11	1016460	7-13	1016545	7-9
101611003	17-9	101646101	7-13	1016546	9-13
1016154	5-3, 5-5	101646102	7-13	1016547	7-3, 7-13, 8-3, 8-13, 9-9, 9-11
101615602	5-5	101646103	7-13	1016548	7-5
1016201	11-3	1016467	7-7, 8-7	1016549	7-9, 8-9
1016203	11-5	1016469	7-13	101655001	7-13
1016219	5-5	1016470	7-13, 8-13	101655002	7-13
1016289	11-3	1016471	7-9	101655003	7-13
1016337	12-5, 12-7	1016472	7-11, 8-11	101655004	7-13
1016338	12-5, 12-7	1016473	7-7, 8-7	101655005	7-13
101641002	17-5	1016474	7-9, 8-9	101655006	7-13
101641101	17-11	101647501	7-13	101655007	7-13
101641201	17-9	101647502	7-13	101655008	7-13
101641202	17-3	1016479	7-9, 8-9	101655009	7-13
1016413	17-9	1016480	9-9, 9-11	1016551	17-11
1016414	17-9	101648102	9-9, 9-11	1016552	17-11
1016415	17-9	101648203	7-7, 8-7	1016553	17-11
1016416	17-3	1016483	7-9, 8-9	1016554	17-11
1016417	17-3	1016484	7-7	1016558	7-13
1016418	17-7	1016486	9-5, 9-7	1016559	7-13
101642572	9-5	1016489	7-9, 8-9	1016560	7-9, 8-9
101642575	9-5, 9-7	101649002	9-9, 9-11	1016561	7-5, 8-5
101642578	9-5, 9-7	1016493	7-5	1016562	7-5, 7-13, 8-5, 8-13
101642580	9-5, 9-7	1016494	7-11, 8-11	1016563	7-9, 8-9
101642582	9-5, 9-7	1016496	7-11, 8-11	1016564	7-11, 8-11
101642585	9-7	1016497	7-5, 8-5	1016565	7-11
1016429	7-7, 8-7	1016499	9-5, 9-7	1016566	7-9, 8-9
1016430	7-9	1016501	9-5, 9-7	1016567	7-11
1016431	7-9	1016502	7-7, 8-7	1016568	7-13
1016432	7-7, 8-7, 12-3	1016505	7-5	1016569	7-9, 8-9
1016435	7-7	1016506	7-11, 8-11	1016570	7-7, 8-7
1016436	7-9, 8-9	1016507	7-3, 8-3	1016571	7-13, 8-13
1016437	9-5, 9-7	1016509	7-13	1016572	9-9, 9-11
1016438	9-9, 9-11	1016510	7-11, 8-11	1016576	7-7, 8-7
1016439	9-9	1016513	12-3	1016578	7-5, 8-5
1016440	7-9, 8-9, 9-9, 9-11	1016516	7-13	1016579	7-5, 8-5
1016441	9-9, 9-11	1016517	7-9, 8-9	1016580	7-13
1016443	7-3	1016518	8-9	1016581	7-7, 8-7
1016444	9-9, 9-11	1016519	7-9, 8-9	1016582	9-9, 9-11
1016445	7-5, 8-5	1016520	7-11	1016583	7-9, 8-9

INDEX

1016584	7-11, 8-11	1017502	8-13	101828501	16-7, 16-9, 16-11
1016585	9-5, 9-7	1017503	8-13	101828801	16-5, 16-7
1016586	7-5, 8-5	1017504	8-11	101828802	16-5, 16-7
1016587	7-5, 8-5	1017507	7-7, 8-7	101828901	16-7, 16-9, 16-11
1016588	7-5, 8-5	1017508	8-11	101828902	16-7, 16-9, 16-11
1016627	17-7	1017510	8-13	101828903	16-7
1016630	6-3	1017512	8-13	101828904	16-5
1016663	5-3, 5-5	1017513	8-11	101828905	16-5
1016672	12-9	1017514	8-11	101828906	16-5
1016801	11-3	101751801	8-11	101830701	6-3, 13-3
1016849	6-3, 13-3	101751802	8-11	101831101	16-7
1016851	6-3, 13-3	101751803	8-11	101831401	13-13
1016883	6-17, 6-19	1017653	6-15	101831503	16-9
1016904	8-9, 10-5	1017686	11-7	101831504	16-9
101705701	1-35, 1-37, 1-39, 3-7	1017689	10-3, 10-5	101831701	16-9
1017082	12-3	101773301	8-13	101831702	16-9
1017221	7-3	101773302	8-13	101831801	17-5
1017231	12-3	101773303	8-13	101831901	17-3
1017235	1-35, 1-37, 1-39, 5-21	101773304	8-13	101832101	7-15
1017434	8-9	101773305	8-13	101832202	9-13
1017435	8-9	101773306	8-13	101832302	9-13
1017442	8-7	101773307	8-13	101832601	8-15
1017443	8-9, 8-11	101773308	8-13	101832701	7-15, 8-15
1017444	8-9	101773309	8-13	101833101	8-15
1017445	8-9	101773310	8-13	101833201	7-15
1017446	8-9	101773311	8-13	101833401	11-7
1017447	8-11	101791101	4-3	101833601	12-3
1017448	7-5, 8-5	1017944	14-3, 14-5	101833701	6-15
101744901	8-13	1017947	14-3, 14-5	101833902	11-3
101744902	8-13	1017948	14-3	101834001	11-7
1017450	8-13	1017949	14-3, 14-5	101834502	6-3, 13-3
101745101	8-13	1017950	14-3, 14-5	101834601	7-15, 8-15
101745102	8-13	1017953	14-3, 14-5	101834801	12-3
1017453	8-13	101802201	16-7	101836201	11-7
1017454	8-9	101802202	16-7	101837301	6-17, 6-19
1017455	7-5, 8-5	101802203	16-7	101838201	16-9
1017456	7-7, 8-7	101802204	16-5	101838301	16-9
101745701	8-13	101802205	16-5	101838401	16-9, 16-11
101745702	8-13	101802206	16-5	101838501	16-9
1017458	8-7	101808401	17-3	101838601	16-9, 16-11
1017460	8-7	101809101	17-5	101851101	6-3, 13-3
1017461	9-5, 9-7	101811401	1-11, 9-15	101856002	13-9
1017463	8-5	101813202	17-3	101856201	1-11, 9-15
1017466	9-9, 9-11	101815501	4-3	101869302	6-15
1017468	7-5, 8-5	101815502	4-3	101871001	17-3
1017471	8-13	101816401	4-3	101874901	6-15
1017472	8-11	101816501	4-3	101875001	6-15
1017473	8-9	101816502	4-3	101875101	6-15
1017474	8-3	101820201	9-9, 9-11	101875102	6-15
1017475	8-3	101823101	17-9	101875201	6-15
1017476	8-3	101823201	4-3	101875301	6-15
1017486	8-3	101823801	4-3	101875401	6-15
1017487	8-11	101824401	9-3	101875501	6-15
1017490	8-5	101825101	3-3, 3-5	101875601	6-15
1017500	8-3	101827101	7-15, 8-15	101875701	6-15
1017501	8-13	101828301	16-7	101875802	6-15

INDEX

101876001	6-15	101909301	7-5, 8-5	101972004	17-7
101876202	6-15	101909401	7-5, 8-5	101972005	17-7
101876301	6-15	101909501	7-5, 8-5	101972006	17-7
101876402	6-15	101909701	7-3	101972007	17-7
101876501	6-15	101910501	12-9	101972009	17-7
101877601	6-15	101914401	16-7, 16-9	101972011	17-7
101877701	6-15	101915401	7-11	101972012	17-7
101878101	6-15	101915501	7-13	101972101	15-5
101879001	6-15	101915601	7-3	101972201	15-5
101881101	7-5, 8-5	101915801	7-5	101973101	9-5, 9-7
101884801	7-15, 8-15	101916001	8-13	101973201	9-5
101886101	12-3	101916101	8-3	101973301	9-7
101887101	17-3	101916201	8-5	101973401	9-11
101887601	7-3, 8-3, 9-9, 9-11	101916301	8-5	101973501	16-11
101889401	12-5, 12-7	101916701	6-17, 6-19, 11-3	101979101	12-11
101889901	12-5	101920101	14-3, 14-5, 14-7, 14-9	101980801	12-5, 12-7
101890001	12-5, 12-7	101922101	15-5	101980901	12-5, 12-7
101890101	12-3	101922201	15-5	101981001	12-5, 12-7
101890201	12-3	101922301	7-13	101987501	16-11
101890501	12-3	101923001	15-5	102003201	9-3
101890601	12-3	101923201	15-5	102022601	5-11
101890901	12-9	101923501	15-5	102031901	12-9
101891001	12-9	101923701	15-5	102061201	17-9
101891301	12-3	101923901	15-5	102065901	7-15, 8-15
101891401	12-9	101925601	11-3	102155801	11-7
101891501	12-9	101926901	12-3	102169401	17-7
101891601	12-5, 12-7	101927101	12-3	102186001	14-7, 14-9
101891901	12-5, 12-7	101927201	12-3	102186101	14-7, 14-9
101892001	12-5, 12-7	101927301	12-3	102186201	14-7, 14-9
101892201	12-5, 12-7	101927501	12-5, 12-7	102186301	14-7, 14-9
101892301	12-5, 12-7	101927601	12-5, 12-7	102186401	14-7, 14-9
101892401	12-5, 12-7	101927701	12-5, 12-7	102186701	14-7, 14-9
101892501	12-5, 12-7	101927901	12-5, 12-7	102186901	14-7, 14-9
101892601	12-5, 12-7	101928001	12-5, 12-7	102187001	14-7
101892701	12-9	101928101	12-5, 12-7	102187101	14-7, 14-9
101892901	12-3	101928301	12-9	102187201	14-7, 14-9
101893201	12-5, 12-7	101928601	12-3	102196901	13-3
101893801	12-3	101928701	12-3, 15-5, 17-7	102235201	14-3, 14-5, 14-7, 14-9
101893901	12-5, 12-7	101929301	7-5	102240102	14-3
101895401	15-5	101929801	11-3	102240104	14-5
101895501	15-5	101929802	11-3	102240501	13-15
101896001	15-3	101933101	17-7	102241501	17-7
101896501	6-15	101939901	6-15	102241502	17-7
101897001	15-5	101942301	14-3, 14-5, 14-7, 14-9	102242101	11-7
101897201	15-5	101953802	8-3	102243402	17-7
101897401	15-5	101953901	7-3	102243403	14-3, 14-5, 14-7, 14-9
101897601	15-5	101956201	16-11	102248803	17-7
101898001	6-5	101956202	16-11	102249901	17-3
101903601	15-5	101956503	13-15	102251501	17-7
101903701	15-5	101958201	16-11	102251901	14-3
101905601	9-5	101958301	16-11	102265501	14-3
101905901	9-7	101960501	3-3	102265601	14-3, 14-5
101906901	15-5	101963401	7-15, 8-15	102265701	14-3, 14-5
101908401	13-9	101972001	17-7	102265801	14-3, 14-5
101908701	13-15	101972002	17-7	102265901	14-3, 14-5
101909201	7-5, 8-5	101972003	17-7	102266001	14-3, 14-5

INDEX

102266101	14-3, 14-5	102298185	5-17, 5-19, 5-21	102502405	1-5
102267001	14-3, 14-5	102298240	1-17, 1-19, 1-31	102502406	1-5
102273201	16-5	102298401	1-3, 1-27, 1-29, 5-17, 5-19, 5-21	102502407	1-5
102273301	16-5	102298580	1-19	102502408	1-5
102273401	16-5	102298601	1-19	102502409	1-5
102273601	16-5	102298716	1-9, 1-19	102502411	1-5
102273701	16-3, 16-5	102298720	1-31, 1-33, 1-35, 1-37, 1-39	102502413	1-5
102273801	16-3, 16-5	102298745	1-33, 1-35, 1-37, 1-39	102502501	1-5
102273901	16-3, 16-5	102298770	13-13	102502901	1-19
102274001	16-5	102299065	1-23, 1-27, 1-29	102503001	1-19
102279001	1-19	102299360	1-27, 1-29	102503221	1-17, 1-31, 1-35
102279103	1-19	102299601	1-27, 1-29	102503222	1-17, 1-31, 1-37
102279104	1-19	102302504	1-9	102503224	1-17, 1-31, 1-39
102287101	5-13	102302604	1-9	102503225	1-17, 1-31
102287201	5-15	102304701	7-9	102503901	1-17
102287601	5-13	102304801	8-9	102504001	1-17
102287701	5-13	102327801	14-3	102504101	1-17
102287901	5-15	102330901	17-9	102504201	1-17
102288101	5-13, 5-15	102336001	9-13	102504301	1-17
102288201	5-15	102353201	5-15	102504501	1-17
102288401	5-15	102353301	5-15	102504802	1-9
102288601	5-11	102355301	6-5	102505701	5-13
102288901	5-13	102356601	15-5	102506201	5-17, 5-19, 5-21
102289001	5-11	102356801	15-5	102506301	5-17, 5-19, 5-21
102289101	5-15	102357001	15-5	102506401	5-17, 5-19, 5-21
102289201	5-11, 5-15	102380401	1-7	102506601	5-17, 5-19, 5-21
102289301	5-11, 5-15	102400002	1-27, 1-29	102507101	5-9
102289401	5-13	102400102	1-27, 1-29	102508202	1-13
102289501	5-13, 5-15	102400202	1-23	102508401	13-9
102289601	5-13	102400302	1-23	102508601	13-3
102289701	5-13	102406701	9-3	102508701	13-3
102289801	5-15	102430901	8-13	102508901	1-29
102289901	5-13	102431001	8-11	102508902	1-27
102290120	5-3, 5-7, 5-9	102453001	12-7	102509301	5-19
102292201	4-7, 4-9	102453101	12-7	102509701	13-13
102292356	1-7, 1-9	102500001	4-13	102509801	13-13
102292701	1-9, 1-19	102500101	4-11	102510001	13-3
102292801	4-5	102500501	1-19	102510101	13-7
102293512	13-13	102500601	1-19	102510201	13-13
102296020	1-5, 6-5, 9-3, 9-15	102500801	4-7, 4-9	102510601	13-13
102296040	6-5, 12-11	102501401	1-19	102510802	13-15
102296140	1-27, 1-29	102501402	1-19	102510901	13-9
102296401	1-27, 1-29	102501501	1-5	102511101	13-9
102296530	1-17, 1-31, 1-35, 1-37, 1-39	102502301	1-19	102511301	13-13
102296601	1-9, 1-19	102502302	1-19	102511302	13-13
102296716	13-9, 13-15	102502304	1-19	102511601	1-29
102296819	1-7	102502305	1-19	102511602	1-27
102296920	1-9, 12-11, 13-9	102502306	1-19	102511702	1-11
102297125	1-17, 9-15	102502307	1-19	102512001	12-11
102297230	1-19	102502308	1-19	102512401	1-27, 1-29
102297901	4-7, 4-9	102502309	1-19	102513001	5-17
102298020	1-9	102502311	1-19	102513102	4-7, 9-13
102298030	1-11, 1-13, 1-19, 1-31, 4-7, 4-9	102502313	1-19	102513301	1-27, 1-29
102298116	5-7, 5-9	102502401	1-5	102513501	1-27, 1-29
102298130	5-7, 5-9	102502402	1-5	102514201	9-3
102298170	5-17, 5-19, 5-21	102502404	1-5	102514401	1-11, 9-15

INDEX

102514601	12-11	102536605	13-3	102565901	5-11
102514701	9-3	102538101	3-3	102566001	5-11
102515001	6-3, 6-13	102538201	3-5	102566101	5-11
102515101	6-3	102538601	13-9	102568701	1-17
102515301	12-11	102540301	7-15, 8-15	102569304	2-3
102515401	12-3	102540601	2-5	102569309	2-3, 2-5
102515501	12-11	102540701	2-5	102570401	17-11
102515601	12-11	102540901	3-3, 3-5	102570901	1-35
102516001	12-13	102541425	1-31, 1-35, 1-37, 1-39	102570902	1-37
102516301	1-25	102543902	1-23	102570904	1-39
102516901	1-13	102544001	1-23	102572201	1-31, 1-35, 1-37, 1-39
102517001	1-17	102544101	1-23	102572401	13-3
102517801	3-3	102544201	1-23, 1-27, 1-29	102573101	1-31, 1-35, 1-37, 1-39
102517901	3-3	102544901	1-35, 1-37, 1-39, 5-21	102574801	1-31, 1-35, 1-37, 1-39
102518001	3-5	102550301	13-7	102574901	1-31, 1-35, 1-37, 1-39
102518101	3-5	102551701	1-17	102575101	1-31, 1-35, 1-37, 1-39
102518301	3-5	102551901	4-7, 4-9	102575201	1-31, 1-35, 1-37, 1-39
102519201	3-3	102552001	4-7, 4-9	102576801	13-9
102519301	3-3, 3-5	102553901	1-21	102577001	13-13
102519401	3-5	102554901	12-11	102577002	13-13
102520001	13-9	102555501	17-3	102584701	1-33, 1-35, 1-37, 1-39
102520701	1-29	102555901	3-5	102584801	1-33, 1-35, 1-37, 1-39
102520702	1-27	102556701	2-5	102585801	13-7
102521301	9-15	102556801	2-5	102585901	10-5
102521401	9-15	102557201	1-7	102586201	6-9
102521901	1-9	102557801	2-3, 2-5	102587401	4-11, 4-13
102522301	10-3	102558201	9-15	102587501	4-11, 4-13
102522604	2-3	102558301	9-15	102588301	9-15
102522605	2-3	102558401	9-15	102588501	5-17, 5-19, 5-21
102522608	2-3, 2-5	102558501	9-15	102588601	5-13
102522609	2-3, 2-5	102558601	9-15	102588701	4-11, 4-13
102522701	13-15	102558701	9-15	102588901	4-11, 4-13
102522901	6-3, 13-3	102558801	4-11, 4-13	102590001	13-7
102523101	1-7	102558901	4-11, 4-13	102594301	4-7, 4-9
102523901	1-9	102559001	4-11, 4-13	102601501	17-5
102526201	12-3	102559101	4-11, 4-13	102603501	17-5
102526401	13-13	102559301	4-11, 4-13	102605201	17-5
102526801	13-13	102559401	4-11, 4-13	102606101	17-5
102527501	3-5	102559601	4-11, 4-13	102607501	17-5
102528501	4-13	102559701	4-11, 4-13	102668801	17-9
102528601	4-11	102560201	1-29	102669901	17-7
102531001	1-33, 1-35, 1-37, 1-39	102560202	1-27	102674001	17-5
102531402	1-33, 1-35, 1-37, 1-39	102560301	1-27, 1-29	102674101	17-5
102531501	1-31, 1-35, 1-37, 1-39	102562401	17-3	102674201	17-5
102531601	1-33, 1-35, 1-37, 1-39	102562701	1-15	102674401	17-9
102531701	1-31, 1-35	102562801	1-15	102674601	17-9
102531702	1-31, 1-37	102562901	1-15	102675001	17-5
102531704	1-31, 1-39	102563001	4-11, 4-13	102675101	17-5
102534001	13-13	102563101	4-11, 4-13	102675201	17-5
102534201	1-3, 1-33, 1-35, 1-37, 1-39	102564901	5-11	102675301	17-5
102534404	1-5	102565101	5-11	102675401	17-5
102534801	1-35, 1-37, 1-39, 5-21	102565201	5-11	102686101	17-3
102536601	6-3, 13-3	102565301	5-11	102704701	14-7, 14-9
102536602	6-3	102565401	5-11	102704801	14-7, 14-9
102536603	13-3	102565701	5-11	102704901	14-7, 14-9
102536604	6-3	102565801	5-11	102705001	14-7

INDEX

102753401 7-9, 8-9
 102771701 15-5
 102803301 6-5
 102806201 13-15
 102865101 9-3
 102878101 5-15
 102878201 5-13, 5-15
 102886301 15-5
 102886401 15-5
 102886501 15-5
 102886601 15-5
 102956201 5-13, 5-15
 102956301 13-11
 102956401 13-11
 102956501 13-11
 102958001 13-11
 102967901 1-19
 102973801 5-15
 103010101 9-3
 103196001 1-27, 1-29
 103199301 1-27, 1-29
 103200301 1-27, 1-29
 103205101 1-27, 1-29
 103209501 5-7
 103210101 1-27, 1-29
 103226201 13-11
 103226301 13-11
 103226401 13-11
 103226601 13-11
 103226701 13-11
 103238501 3-5
 103262001 13-15
 103325501 14-5
 103325601 14-5
 103325701 14-5
 103325801 14-5
 103327601 1-17
 103327701 4-11
 103327901 4-13
 103330601 1-3
 103337601 14-5
 103344301 4-11, 4-13
 103345701 11-3
 103372101 9-3
 103372301 9-3
 103379601 12-15
 103380201 4-3
 103380202 4-3
 103388501 5-13
 103397901 16-5, 16-7
 103403201 13-15
 103414901 16-5, 16-7
 103423001 1-15
 103423002 1-15
 103423004 1-15
 103428501 16-3

103428601 16-3
 103428701 16-3
 103429001 16-3
 103429101 16-3
 103429201 16-3
 103429301 16-3
 103429501 16-3
 103429701 16-3
 103434001 16-3
 103439901 16-3
 103447901 1-15
 103477901 5-15
 103483101 4-3
 103483102 4-3
 103483201 4-3
 103483301 4-3
 103483401 4-3
 103483501 4-3
 103483601 4-3
 103483701 4-3
 103512801 16-3
 103512901 16-3
 103513001 16-3
 103517401 16-3
 103517601 16-5
 103528501 4-5
 103528601 4-5
 103528701 4-5
 103528702 4-5
 103535001 4-5, 4-7, 4-9
 103655002 9-3
 103677401 1-19
 103677402 1-19
 103711001 5-15
 103717001 16-3
 103717002 16-3
 103717003 16-3
 103724503 5-3
 103724601 5-3
 103724901 5-3
 103744901 4-9
 103745001 4-9
 103777001 9-3
 103779601 16-3
 103781101 9-3
 103781201 9-3
 103783002 5-3
 103783003 5-3
 103783004 5-3
 103796701 5-3
 103797301 5-3
 103810201 5-7
 103816601 1-5
 96704416 7-15, 8-15

A

absorber, front shock 5-13
 absorber, rear shock 5-17, 5-19, 5-21
 AC cord 16-5, 16-7, 16-9, 16-11
 AC cord bushing 16-3, 16-5
 AC cord receptacle 16-11
 AC cordset 16-3
 accelerator cable 4-7, 9-13
 accelerator pedal 4-11, 4-13
 accelerator pedal adjustment tool 17-3
 accelerator pedal pad 4-11, 4-13
 access panel 1-19
 adapter
 cable (IQDM) 17-7
 adhesive, guide ring 17-3
 adjuster
 hydraulic brake 17-7
 adjuster, lash 8-11
 air filter 9-15
 air filter canister evacuation valve 9-15
 air intake assembly 9-15
 air intake cover 9-15
 air intake hose 9-15
 ammeter 16-3, 16-5, 16-7, 16-9, 16-11
 arbor 17-3
 arm
 governor 12-3
 pivot 12-3
 rocker 7-9, 8-9
 armature 6-15, 14-3, 14-5, 14-7, 14-9
 armature conversion kit 6-15
 armrest 1-15, 1-31, 1-35, 1-37, 1-39
 assembly
 armature 6-15
 axle 12-9
 brake lever 4-3
 brush connector 6-15
 brush holder 6-15
 carburetor 9-5, 9-7
 connecting rod 7-13, 8-13
 cylinder head 8-9
 drive hub 11-3
 driven clutch 11-7
 driven clutch fixed-face 11-7
 field coil 6-15
 float 9-5, 9-7
 frame and field (motor) 14-7, 14-9
 fuel tank vent 9-3
 governor 12-5, 12-7
 idle screw 9-5, 9-7
 moveable-face 11-3, 11-7
 pilot air screw 9-5, 9-7
 plug cap 8-5
 score card plate 5-5
 secondary clutch weight 11-3

INDEX

axle 12-9, 15-3, 15-5
 axle shaft oil seal 12-9, 15-5
 axle tube 15-5

B

backrest 1-17, 1-31, 1-35, 1-37, 1-39
 bag hoop 1-17
 bag strap 1-17
 bag strap buckle 1-17
 bag well liner 1-21
 bag, desiccant 11-3
 ball bearing 8-11
 ball joint 5-11
 ball stud 12-11
 ball, bearing 5-11, 5-15
 ball, shifter 12-5, 12-7
 ball, steel pressure relief 7-7, 8-7
 band, RPM limiter mount 7-5, 8-5
 barb, vent 9-3
 barrel, plastic 1-7, 1-9, 1-17, 1-21, 1-31, 1-33, 1-35, 1-37, 1-39, 4-7, 4-9
 battery 6-5
 battery cable 13-13
 battery cap, 6-volt 13-13
 battery charger 16-5, 16-7, 16-9, 16-11
 battery charger case 16-5, 16-7, 16-9, 16-11
 battery charger handle 16-5
 battery charger receptacle 13-13
 battery charger transformer 16-5, 16-7, 16-9, 16-11
 battery clamp 6-5
 battery condition indicator 13-3
 battery discharge machine 17-3
 battery light 13-3
 battery terminal protector spray 17-3
 battery thermometer 17-3
 battery, 12-volt, Trojan T1275, moist 13-13
 battery, 12-volt, Trojan T1275, wet 13-13
 bearing 15-5
 ball 5-11, 5-15, 8-11
 ball (motor) 14-7, 14-9
 idler 11-3
 inner axle tube 12-9, 15-5
 needle 12-5, 12-7
 outer axle tube 12-9
 bearing and oil seal remover 17-3
 bearing driver set 17-3
 bearing puller 17-3
 bearing puller wedge 17-3
 bearing retainer 14-3, 14-5
 beauty panel, front 1-5
 beauty panel, rear 1-19
 bellows, steering 5-11
 belt, drive 11-5
 belt, starter/generator 6-17, 6-19, 11-3
 bezel, FNR 12-11

body kick plate 1-11, 1-13
 body, front 1-5, 1-19
 body, under 1-19
 bolt, U- 1-35, 1-37, 1-39, 5-21
 boot, switch 13-9
 bottom seat 1-15
 bracket 7-3
 accelerator cable 9-13
 adjustable starter/generator 6-17, 6-19
 governor cable 9-13
 muffler mounting 10-3, 10-5
 oil filter mount 7-7, 8-7
 oil level switch 7-11, 8-11
 relay mounting 16-9
 RPM limiter 7-5, 8-5
 shock absorber 5-17, 5-19, 5-21
 shock mounting 5-17, 5-19, 5-21
 snubber 7-15, 8-15
 starter/generator mounting 6-17, 6-19
 throttle spring return 9-9, 9-11
 bracket, clamshell 1-9
 brake adjusting mechanism 4-3
 brake adjustment tool 17-3
 brake cable release tool 17-3
 brake drum 4-3
 brake lever 4-3
 brake pedal 4-11, 4-13
 brake pedal adjustment tool 17-3
 brake pedal pad 4-11, 4-13
 brake pedal tension tool 17-3
 brake return spring 4-11, 4-13
 brake rod 4-11, 4-13
 brake self-adjusting mechanism 4-3
 brake shoe 4-3
 brake spring 4-3
 breaker, circuit 16-3, 16-5, 16-7, 16-9, 16-11
 breather 12-3, 15-5
 brow 1-5
 brow cap 1-5
 brush 14-3, 14-5, 14-7, 14-9
 brush and screw set 6-15
 brush box assembly 14-7, 14-9
 brush connector 6-15
 brush holder 6-15
 brush inspection port cover 6-15
 brush port cover 6-15
 brush rigging 14-3, 14-5, 14-7, 14-9
 brush spring 14-3, 14-5, 14-7, 14-9
 brush spring set 6-15
 bucket, electric vehicle 13-13
 bucket, gas vehicle 9-3
 buckle, bag strap 1-17
 bumper 1-3
 drive unit (motor) 14-3, 14-5, 14-7, 14-9
 jounce 1-35, 1-37, 1-39, 5-21
 jounce, bracket 1-35, 1-37, 1-39, 5-21

bushing 5-13, 5-15, 5-17, 5-19, 5-21, 11-3
 AC cord 16-3, 16-5
 return line 9-3
 bushing, insulated 14-3, 14-5
 button, drive 11-7
 buzzer, reverse 6-3, 13-3

C

cable
 accelerator 4-7, 9-13
 FNR shifter 12-13
 governor 9-13
 IQDM 17-7
 cable support bracket 12-11
 cable, battery 13-13
 calibration test module 17-3
 cam
 driven clutch 11-7
 neutral lockout 12-11
 cam installation tool 17-3
 camshaft 7-11, 8-11
 camshaft shim 8-11
 canopy 1-27, 1-29
 canopy bracket 1-19
 canopy component kit 1-29
 canopy cover 1-23, 1-27, 1-29
 canopy drain cover 1-27, 1-29
 canopy handle 1-27, 1-29
 canopy hardware 1-27, 1-29
 canopy support 1-27, 1-29
 cap
 battery, 6-volt 13-13
 dust 13-3
 key switch 6-3, 13-3
 plug 8-5
 spark plug 7-5
 cap, SAM 1-23
 carburetor 9-5, 9-7
 carburetor float level tool 17-7
 carburetor gasket 9-11
 carburetor insulator 9-9, 9-11, 14-3, 14-5
 carburetor mounting gasket 9-9, 9-11
 card, safety first 17-9
 case
 battery charger 16-5, 16-7, 16-9, 16-11
 differential gear 12-9
 gear 12-3, 15-5
 rocker 7-9, 8-9
 case, charger 16-3
 charger bezel tool 17-3
 charger board relay 16-3
 charger case 16-3
 charger hardware 16-3
 charger legs 16-3
 charger, battery 16-5, 16-7
 choke bottom rod 1-11, 9-15

INDEX

choke lever 1-11, 9-15
circuit breaker 16-3, 16-5, 16-7, 16-9, 16-11
clamp
 battery 6-5
 cable retaining 9-13
 hose 9-3, 9-9, 9-11
 muffler hose 10-3, 10-5
clamshell bracket 1-9
clip, body trim 1-9, 1-19
clip, score card 5-3, 5-5
closeout 13-13
cluster idler gear 12-5, 12-7
clutch alignment tool 17-5
clutch pulley 11-3
clutch removal tool 17-3
clutch repair kit 11-7
clutch tool kit 17-5
clutch weight 11-3
clutch, drive 11-3
clutch, driven 11-7
coil, field 6-15
coil, ignition 7-5, 8-5
collet 7-9, 8-9
column, steering 5-7, 5-9
communication display module 17-5
component mounting plate 13-15
compression gauge 17-5
compression spring 1-11, 9-15
compressor, piston ring 17-9
compressor, valve spring 17-11
computer, v 3.0 onboard 13-15
connecting rod 7-13, 8-13
connector tube, handrail 1-31, 1-35, 1-37, 1-39
connector, 9-pin 6-3, 6-13, 13-3
connector, a- 6-15
continuity tester 17-5
controller, motor speed 13-15
controller, speed 13-15
cord connector 7-11, 8-11
cord set, DC 16-5
cord, AC 16-5, 16-7, 16-9, 16-11
cord, DC 16-7, 16-9, 16-11
Cordset
 PD3, AC 114" 16-3
 PD3, AC 80" 16-3
 PD3, DC 113" 16-3
 PD3, DC 154" 16-3
 PD3, DC 205" 16-3
counterbalance guide shaft 7-13, 8-13
counterbalance weight 7-13, 8-13
coupler, SPWS 13-11
cover
 air intake 9-15
 brush inspection port 6-15
 brush port 6-15
 crankcase 7-11, 8-11

 electronics module 13-9
 oil pump 7-7, 8-7
cover plate 14-7, 14-9
cover, canopy drain 1-27, 1-29
cover, drain 1-25
crankcase 7-13, 8-13
crankcase cover 8-11
crankcase cover gasket 7-9, 7-11
crankcase vent tube 9-9, 9-11
crankshaft 7-13, 8-13
crankshaft rod 8-13
crankshaft seal 7-11
crankshaft shim 7-13, 8-13
current limiter 16-11
cushion, shock absorber 5-17, 5-19, 5-21
cutter, valve seat 17-5, 17-11

D

damper, RPM limiter 7-5, 8-5
dash 1-7
dash support assembly 5-13
dash tray 1-7
DC cord 16-7, 16-9, 16-11
DC cord set 16-5
DC cordset 16-3
decal
 battery weight warning 3-5
 Club Car clip 3-3, 3-5
 component mounting plate 3-5
 electrical cover safety 3-5
 four-passenger warning 1-35, 1-37, 1-39, 3-7
 frame ground warning 3-3
 gas and governor warning 3-3
 IR/Club Car 1-9
 on/off 3-3, 3-5
 operating instructions 3-3, 3-5
 operating instructions (electric) 3-5
 operating instructions (gas) 3-3
 private speed mode 3-5
 rollover warning 3-3, 3-5
 rotating parts 3-3
 Tow/Run switch 3-5
 warning, battery weight 3-5
desiccant bag 11-3
DF-terminal insulator 6-15
diesel tachometer probe 17-9
differential 15-3
 drive unit 15-5
differential gear 12-9, 15-5
differential gear case 12-9
differential housing 15-5
differential idler gear 12-9
differential pin 12-9
diode 13-9
diode, tow switch 13-7

dipstick 7-3, 8-3
drain cover 1-25
drain plug 7-7, 8-7
drain plug gasket 7-7, 8-7, 12-3
drive belt 11-5
drive button 11-7
drive clutch 11-3
drive clutch button 11-3
drive clutch fixed sheave tool 17-5
drive clutch fixed-face 11-3
drive clutch holder tool 17-5
drive clutch hub puller 17-5
drive clutch puller 17-5
drive clutch spider removal tool 17-5
drive clutch spring 11-3
drive clutch weight 11-3
drive hub 11-3
drive unit 15-3
drive unit bumper 14-3, 14-5, 14-7, 14-9
driven clutch 11-7
driven clutch button 11-7
driven clutch cam 11-7
driven clutch cam puller 17-5
driven clutch fixed-face assembly 11-7
driven clutch puller plug 17-5
driven clutch spring compression base tool 17-5
driven clutch spring compression collar tool 17-5
driven clutch spring compression nut tool 17-5
driver, drive clutch 11-3
drum, brake 4-3
dry moly lubricant 17-7
dust cap 13-3
dust seal 5-11

E

eccentric adjustment screw 5-15
end bell, commutator 6-15
end bell, output shaft 6-15
end cap, motor 14-3, 14-5, 14-7, 14-9
end shield
 motor 14-3, 14-5
end, tie rod 5-11
engine 7-3
engine mounting plate 7-15, 8-15
engine shroud 7-3, 8-3
engine valve spring 7-9
engine, FE350 CW without ACR 8-3
exhaust system 10-3, 10-5
exhaust valve 7-9, 8-9

F

face, moveable 11-3, 11-7
fan housing 7-3, 8-3

INDEX

fan shroud 7-3, 8-3
fan, flywheel 7-5, 8-5
fascia 1-5
field coil 6-15
field coil housing 6-15
fill plug 12-3
filter
 air 9-15
 fuel 9-3
 oil 7-7, 8-7
 oil pump 8-7
fixed-face, drive clutch 11-3
fixed-face, driven clutch 11-7
float 9-5, 9-7
floor cover plate 4-7, 4-9
floor mat 1-33, 1-35, 1-37, 1-39
floormat 1-9
floormat retainer 1-9
flywheel 7-5, 8-5
flywheel fan 8-5
flywheel fan plate 7-5, 8-5
flywheel puller 17-7
FNR bezel 12-11
FNR handle 12-11
FNR housing 13-9
FNR shift lever 12-3
FNR shifter 12-11
FNR shifter base 12-11
FNR shifter cable 12-13
foot deck 1-33, 1-35, 1-37, 1-39
fork, shift 12-5, 12-7
four-passenger conversion kit 1-35, 1-37
four-passenger kit 1-39
frame and field assembly (motor) 14-7, 14-9
front body 1-5, 1-19
front body, beauty panel 1-5
front suspension structure 5-13
F-terminal hardware 6-15
f-terminal insulator 6-15
fuel filter 9-3
fuel line 9-3, 9-9, 9-11
fuel tank hold-down 9-3
fuel tank vent 9-3
fuse 16-7, 16-9, 16-11
 10-amp 6-5
 15-amp 13-9
 charger 16-3, 16-5
fuse cover, sealed 6-5

G

gasket 15-5
 air intake 9-15
 carburetor 9-11
 carburetor mounting 9-5, 9-7, 9-9, 9-11
 crankcase cover 7-9, 7-11, 8-9, 8-11
 drain plug 7-7, 8-7, 12-3

exhaust 7-9, 8-9, 10-3, 10-5
head 7-9, 8-9
insulator 7-9, 8-9, 9-9, 9-11
liquid 12-3, 15-5, 17-7
oil pump 7-7
rocker case 7-9, 8-9
gasket kit, FE290 7-9
gasket kit, FE350 8-9
gauge, compression 17-5
GCOR 4-11
gear
 case 12-3, 15-5
 cluster idler 12-5, 12-7
 differential 12-9, 15-5
 differential idler 12-9, 15-5
 differential output 15-5
 helical 7-13, 8-13, 12-5, 12-7, 12-9
 spur 7-13, 8-13, 12-5, 12-7
 steering 5-11
 synchro 12-5, 12-7
gear yoke 17-7
governor 12-5, 12-7
governor arm 12-3
governor cable 9-13
governor cable bracket 9-13
governor shaft installation tool 17-7
governor shield 9-9, 9-11
grip, pencil 5-3, 5-5
grommet 9-3
guide
 intake valve 7-9, 8-9
 valve 8-9
 valve seat cutter 17-11
guide ring adhesive 17-3

H

hand rail 1-33, 1-35, 1-37, 1-39
handle, battery charger 16-5
handle, FNR 12-11
handrail connector tube 1-31, 1-35, 1-37, 1-39
hardware kit, charger 16-3
hardware, F-terminal 6-15
harness, instrument panel 6-3, 6-13, 13-3
harness, wire 6-9, 13-7
head gasket 7-9, 8-9
head, cylinder 8-9
head, FE290 7-9
heatsink 13-15, 16-5
heatsink and rectifier 16-7, 16-9, 16-11
helical gear 7-13, 8-13, 12-5, 12-7, 12-9
hip restraint 1-15, 1-31, 1-35, 1-37, 1-39
hold-down, fuel tank 9-3
hoop, bag 1-17
hose, air intake 9-15
hose, fuel 9-3
hose, SPWS 13-11

housing
 3-pin 14-3, 14-5, 14-7, 14-9
 differential 15-5
 fan 7-3, 8-3
 field coil 6-15
hub 5-15
hub, synchronizer clutch 12-5, 12-7
hubcap 5-15
hydraulic brake adjuster 17-7
hydrometer 17-7

I

idle screw assembly 9-5, 9-7
idler bearing 11-3
idler gear, differential 15-5
ignition coil 7-5, 8-5
inner frame snubber 7-15, 8-15
input shaft 12-5, 15-5
insert, synchronizer 12-5, 12-7
instrument panel 6-3, 13-3
instrument panel harness 6-3, 6-13, 13-3
insulated bushing 14-3, 14-5
insulator gasket 7-9, 8-9, 9-9, 9-11
insulator, carburetor 9-9, 9-11, 14-3, 14-5
intake assembly 9-15
intake cover 9-15
intake hose 9-15
intake pipe 9-9, 9-11
intake valve 7-9, 8-9
intermediate shaft 15-5
internal retaining ring pliers 17-7
IQ display module (IQDM) 17-7

J

J-clip 1-19
jet, main 9-5, 9-7
jet, pilot 9-5, 9-7
joint
 ball 5-11
jounce bumper 1-35, 1-37, 1-39, 5-21
jounce bumper bracket 1-35, 1-37, 1-39, 5-21

K

key
 crankshaft 7-5, 7-13, 8-5, 8-13
 driven clutch 11-7
 On/Off 6-3, 13-3
 square 11-7
 starter/generator 6-15
 woodruff 12-3
key switch 6-3, 13-3
key switch cap 6-3, 13-3
kick plate 1-11
kick plate, body 1-11, 1-13
king pin 5-15

INDEX

- kit
3-pin housing 14-3, 14-5, 14-7, 14-9
brake pedal adjustment tool 17-3
canopy component 1-29
clutch repair 11-7
differential gear case 12-9
drive clutch button 11-3
drive clutch weight 11-3
driven clutch button 11-7
four-passenger 1-39
front hub replacement 5-15
IQ display module (IQDM) 17-7
magnet and bearing 14-3, 14-5
motor brush 14-7, 14-9
motor brush spring 14-7, 14-9
motor cover plate 14-7, 14-9
motor speed sensor 14-7, 14-9
motor terminal hardware 14-7, 14-9
neutral lockout cam 12-11
PD3 Cordest, AC 114" 16-3
PD3 Cordest, AC 80" 16-3
PD3 Cordest, DC 113" 16-3
PD3 Cordest, DC 154" 16-3
PD3 Cordest, DC 205" 16-3
PD3 hardware 16-3
shock absorber cushion 5-17, 5-19, 5-21
SPWS (single-point watering system) 13-11
tune-up 17-9
- L**
lash adjuster 8-11
L-bracket, motor 14-7
leaf spring 1-35, 1-37, 1-39, 5-17, 5-19, 5-21
legs, charger 16-3
lever
change 12-3
choke 1-11, 9-15
light
battery 13-3
oil 6-3
limit switch 12-11
limiter
current 16-11
RPM 7-5, 8-5
line, fuel 9-3, 9-9, 9-11
liquid gasket 12-3, 15-5, 17-7
low oil warning light 6-3
lubricant, dry moly 17-7
lubricant, moly-teflon 14-3, 14-5, 14-7, 14-9, 17-7
lug nut 2-3, 2-5
lug stud 12-9, 15-5
- M**
magnet and bearing kit 14-3, 14-5
magnet, speed sensor 14-3, 14-5, 14-7, 14-9
main jet 9-5, 9-7
main nozzle 9-5
manifold, SPWS 13-11
mat, floor 1-9, 1-33, 1-35, 1-37, 1-39
MCOR 4-13
mechanism, brake adjusting 4-3
meter, volt ohm 17-11
module
calibration test 17-3
communication display 17-5
moly-teflon lubricant 17-7
motor
48-volt 14-5
48-volt IQ 14-3, 14-7, 14-9
motor armature 14-3, 14-5
motor brush 14-3, 14-5
motor brush kit 14-7, 14-9
motor brush spring kit 14-7, 14-9
motor bumper 14-3, 14-5, 14-7, 14-9
motor controller 13-15
motor end cap 14-3, 14-5, 14-7, 14-9
motor end shield 14-3, 14-5
motor L-bracket 14-7
motor magnet, speed sensor 14-3, 14-5, 14-7, 14-9
motor speed controller 13-15
motor speed sensor 14-3, 14-5, 14-7, 14-9
motor speed sensor kit 14-7, 14-9
motor stator shell and winding 14-3, 14-5
motor terminal hardware kit 14-7, 14-9
moveable-face 11-3, 11-7
muffler hose clamp 10-3, 10-5
- N**
needle bearing 12-5, 12-7
neutral lockout cam 12-11
nozzle, main 9-5, 9-7
nut, lug 2-3, 2-5
- O**
oil filler tube 7-3, 8-3
oil filter 7-7, 8-7
oil filter mount bracket 7-7, 8-7
oil filter screen 7-11, 8-11
oil filter screen plate 7-11, 8-11
oil level sensor 7-11, 8-11
oil level switch bracket 7-11, 8-11
oil pump and rotor 7-7, 8-7
oil pump cover 7-7, 8-7
oil pump filter 8-7
oil pump gasket 7-7
oil pump plate 7-7, 8-7
oil seal 7-9, 7-13, 8-9, 8-11, 8-13, 12-3, 12-5, 12-7
oil warning light, low 6-3
- onboard computer (v 3.0) 13-15
O-ring 7-3, 7-9, 7-11, 7-13, 8-3, 8-9, 8-11, 8-13, 13-11
- P**
pad
accelerator pedal 4-11, 4-13
brake pedal 4-11, 4-13
park brake pedal 4-11, 4-13
paint, touch-up 17-7
panel
SAM 1-17
panel, access 1-19
panel, beauty
front body 1-5
rear body 1-19
park brake pad 4-11, 4-13
pedal assembly 4-11, 4-13
pedal group 4-11, 4-13
pedal spring kit 4-11, 4-13
pencil grip 5-3, 5-5
pilot air screw 9-5
pilot air screw assembly 9-7
pilot jet 9-5, 9-7
pin, differential 12-9
pin, king 5-15
pin, piston 7-13, 8-13
pinion, steering 5-11
pipe, intake 9-9, 9-11
piston 7-13, 8-13
piston pin 8-13
piston ring 7-13, 8-13
piston ring compressor 17-9
piston ring pliers 17-9
piston ring set 8-13
pivot arm 12-3
plate
cover 14-7, 14-9
engine mounting 7-15, 8-15
flywheel fan 7-5, 8-5
kick 1-11
oil filter screen 7-11, 8-11
oil pump 7-7, 8-7
score card 5-5
thrust 12-5, 12-7, 12-9
plate, component mounting 13-15
plate, floor cover 4-7, 4-9
pliers
internal retaining ring 17-7
piston ring 17-9
retaining ring 17-9
plug
drain 7-7, 8-7
driven clutch puller 17-5
fill 12-3
spark 7-5, 8-5

INDEX

plug cap 8-5
 pole set 6-15
 press weldment 17-5
 protector spray, battery terminal 17-3
 puller
 bearing 17-3
 clutch 17-3
 drive clutch 17-5
 drive clutch hub 17-5
 driven clutch cam 17-5
 flywheel 17-7
 seal 17-9
 special use tool 17-9
 pulley
 clutch 11-3
 starter-generator 6-15
 push rod 7-9, 8-9

R

rack and pinion 5-11
 rack and pinion steering gear box 5-11
 rack, steering 5-11
 reaf-facing seat 1-39
 reamer, valve guide 17-9
 rear body, beauty panel 1-19
 receptacle, AC cord 16-11
 receptacle, battery charger 13-13
 rectifier with heatsink 16-7, 16-9, 16-11
 regulator, voltage 6-5
 relay 16-9, 16-11
 relay mounting bracket 16-9
 relay, charger board 16-3
 remover, bearing and oil seal 17-3
 resistor 13-15
 restraint, hip 1-15, 1-31, 1-35, 1-37, 1-39
 retainer
 bearing 14-3, 14-5
 shock absorber cushion 5-17, 5-19, 5-21
 spring (drive clutch) 11-3
 valve spring 7-9, 8-9
 retainer, floormat 1-9
 retaining ring pliers 17-9
 return spring, brake 4-11, 4-13
 reverse buzzer 6-3, 13-3
 rigging, brush 14-3, 14-5
 ring
 piston 7-13, 8-13
 retaining 11-3, 11-7, 12-11
 snap 7-9, 7-13, 8-9, 8-13
 spiral backup 11-3
 synchronizer 12-5, 12-7
 ring, piston 8-13
 rocker arm 7-9, 8-9
 rocker case 7-9, 8-9
 rocker case gasket 7-9, 8-9
 rocker shaft 7-9, 8-9

rocker switch 13-9
 rod
 brake 4-11, 4-13
 connecting 7-13, 8-13
 crankshaft 7-13, 8-13
 push 7-9, 8-9
 shift 12-5, 12-7
 rotor, oil pump and 7-7, 8-7
 RPM limiter 7-5, 8-5
 RPM limiter bracket 7-5, 8-5
 RPM limiter damper 7-5, 8-5
 RPM limiter mount band 7-5, 8-5

S

safety first card 17-9
 SAM 1-17
 SAM (structural accessory module) 1-17
 SAM cap 1-23
 SAM panel 1-17
 score card clip 5-3, 5-5
 score card plate 5-5
 screen, oil filter 7-11, 8-11
 screw, eccentric adjustment 5-15
 screw, valve clearance adjuster 17-9
 seal
 crankshaft 7-11
 dust 5-11
 lip 15-5
 oil 7-9, 7-13, 8-9, 8-11, 8-13, 12-3, 12-5, 12-7, 12-9, 15-5
 seal puller 17-9
 sealant 12-3, 15-5
 seat
 spring 7-9, 8-9
 valve 7-7, 8-7
 seat bottom 1-15, 1-31, 1-35, 1-37, 1-39
 seat bracket 1-31, 1-35, 1-37, 1-39
 sensor, motor speed 14-3, 14-5, 14-7, 14-9
 sensor, oil level 7-11, 8-11
 sensor, speed 14-3, 14-5
 set, brush and screw 6-15
 set, pole 6-15
 shackle 5-17, 5-19, 5-21
 shaft
 change 12-3
 counterbalance guide 7-13, 8-13
 input 12-5, 15-5
 intermediate 15-5
 rocker 7-9, 8-9
 transmission 12-7
 shield, governor 9-9, 9-11
 shift fork 12-5, 12-7
 shift lever 12-3
 shift rod 12-5, 12-7
 shifter, FNR 12-11
 shim, camshaft 8-11

shim, crankshaft 7-13, 8-13
 shock absorber (front) 5-13
 shock absorber (rear) 5-17, 5-19, 5-21
 shock absorber cushion 5-17, 5-19, 5-21
 shock absorber cushion retainer 5-17, 5-19, 5-21
 shock mounting bracket 5-17, 5-19, 5-21
 shoe, brake 4-3
 shroud 8-3
 shroud, engine 7-3, 8-3
 shroud, fan 7-3, 8-3
 single-point watering system 13-11
 sleeve 5-13, 5-15, 5-17, 5-19, 5-21
 governor 12-5, 12-7
 synchronizer 12-5, 12-7
 snap ring 7-9, 7-13, 8-9, 8-13
 snubber bracket 7-15, 8-15
 snubber, inner frame 7-15, 8-15
 solenoid, 12-volt 6-5
 solenoid, 48-volt 13-15
 spanner wrench 17-9
 spark plug 7-5, 8-5
 spark plug cap 7-5
 speed controller 13-15
 speed sensor 14-3, 14-5, 14-7, 14-9
 speed sensor magnet 14-3, 14-5, 14-7, 14-9
 speed sensor, motor 14-3, 14-5, 14-7, 14-9
 spindle 5-15
 spiral backup ring 11-3
 spray, battery terminal protector 17-3
 spring
 brake return 4-11, 4-13
 brush 6-15, 14-3, 14-5, 14-7, 14-9
 compression 1-11, 5-3, 5-5, 9-15
 drive button 11-3
 drive clutch 11-3
 driven clutch 11-7
 engine valve 7-9
 forward/reverse cam 12-11
 leaf 1-35, 1-37, 1-39, 5-17, 5-19, 5-21
 shifter 12-5, 12-7
 synchronizer 12-5, 12-7
 throttle return 9-9, 9-11
 valve 8-9
 spur gear 7-13, 8-13, 12-5, 12-7
 SPWS 13-11
 SPWS (single-point watering system) kit 13-11
 SPWS coupler 13-11
 SPWS fitting, swivel T 13-11
 SPWS hose 13-11
 SPWS manifold 13-11
 SPWS tubing 13-11
 stand-offs, plastic 16-3
 starter/generator 6-15
 starter/generator belt 6-17, 6-19, 11-3
 starter/generator mounting bracket 6-17

INDEX

starter/generator pulley 6-15
stator shell and winding 14-3, 14-5
steel pressure relief ball 7-7, 8-7
steering column 5-7, 5-9
steering column bearing press tool 17-9
steering column retaining ring tool 17-9
steering gear 5-11
steering pinion 5-11
steering rack 5-11
steering wheel puller tool 17-9
steering, rack and pinion gear box 5-11
stem, valve 2-3, 2-5
stiffener, flywheel side 7-15, 8-15
stiffener, PTO side 8-15
strap, bag 1-17
stud 7-15, 8-15
 lug 12-9, 15-5
stud, ball 12-11
suppressor, voltage 16-7, 16-9, 16-11
suspension, front structure 5-13
switch
 four-position 16-9, 16-11
 key 6-3, 13-3
 limit 12-11
 rocker 13-9
 Tow/Run 13-9
switch rubber boot 13-9
synchro gear 12-5, 12-7
synchronizer clutch hub 12-5, 12-7
synchronizer insert 12-5, 12-7
synchronizer sleeve 12-5, 12-7
synchronizer spring 12-5, 12-7

T

12-volt solenoid 6-5
tachometer 17-9
tachometer probe, diesel 17-9
tappet 7-11
tester, continuity 17-5
thermometer, battery 17-3
throttle return spring 9-9, 9-11
throttle spring return bracket 9-9, 9-11
thrust plate 12-5, 12-7, 12-9
tie rod end 5-11
tire 2-3, 2-5
tire, pro tour, 205-50 x 10 2-5
tool

 accelerator pedal adjustment 17-3
 belt tensioning, starter/generator 17-11
 brake adjustment 17-3
 brake cable release 17-3
 brake pedal adjustment 17-3
 brake pedal tension 17-3
 cam installation 17-3
 carburetor float level 17-7
 charger bezel 17-3

 clutch alignment 17-5
 cT-wrench 17-5
 drive clutch fixed sheave 17-5
 drive clutch holder 17-5
 drive clutch spider removal 17-5
 driven clutch spring compression base 17-5
 driven clutch spring compression collar 17-5
 driven clutch spring compression nut 17-5
 governor shaft installation 17-7
 puller, special use 17-9
 steering column bearing press 17-9
 steering column retaining ring 17-9
 steering wheel puller 17-9
 transaxle axle seal 17-9
 transaxle pinion seal 17-9
 transmission 17-9
 valve guide driver 17-9
 valve seat cutter 17-5
tool kit, clutch 17-5
touch-up paint 17-7
tow switch diode 13-7
Tow/Run switch 13-9
transaxle 15-3, 15-5
transaxle axle seal tool 17-9
transaxle housing 15-5
transaxle pinion seal tool 17-9
transaxle, unitized 12-3
transformer, battery charger 16-5, 16-7, 16-9, 16-11
transmission shaft 12-7
transmission tool 17-9
tube
 crankcase vent 9-9, 9-11
 oil filler 7-3, 8-3
tubing, SPWS 13-11
tune-up kit 17-9
T-wrench tool 17-5

U

U-bolt 1-35, 1-37, 1-39, 5-21
u-bolt 5-17, 5-19
underbody 1-19
underbody cover 1-31, 1-35, 1-37, 1-39
underbody cover kit 1-23
unitized transaxle 12-3

V

valve
 exhaust 7-9, 8-9
 intake 7-9, 8-9
 reed 7-9, 8-9
valve clearance adjuster screw 17-9
valve guide 8-9
valve guide driver tool 17-9

valve guide reamer 17-9
valve guide, intake 7-9, 8-9
valve seat 7-7, 8-7
valve seat cutter 17-5, 17-11
valve seat cutter guide 17-11
valve seat cutter tool 17-5
valve seat t-wrench 17-11
valve spring 8-9
valve spring compressor 17-11
valve spring retainer 7-9, 8-9
valve stem 2-3, 2-5
vent barb 9-3
volt ohm meter 17-11
voltage regulator 6-5
voltage suppressor 16-7, 16-9, 16-11

W

warning light, low oil 6-3
watering system, single-point 13-11
wedge, bearing puller 17-3
weight
 clutch 11-3
 counterbalance 7-13, 8-13
 secondary clutch 11-3
weldment
 press 17-5
wheel 2-3, 2-5
wheel and tire 5-5
wire harness 6-9, 13-7
woodruff key 12-3
wrench, spanner 17-9

Y

yoke support 5-11
yoke, gear 17-7



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