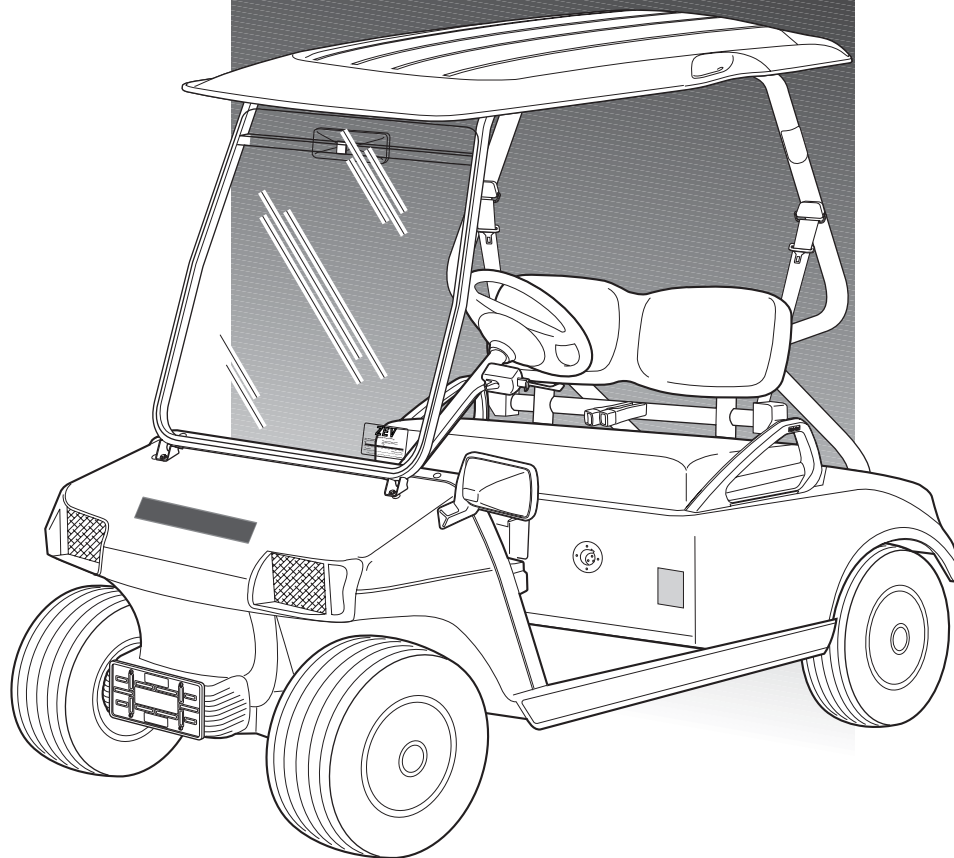




2003 ILLUSTRATED PARTS LIST



IQ-P ELECTRIC VEHICLE

MANUAL NUMBER 102318706
EDITION CODE 1006A00000

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 the IQ-P electric vehicle, which was formerly the Pathway electric vehicle.

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 Club Car contact 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 3281 or 3854.



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 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 dealers and will, when applicable, appear in future editions of this illustrated parts list.*

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

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CONTENTS

SECTION 1 – BODY AND TRIM

Body Trim	1-3
Front Body	1-5
Rear Body and Fender – Electric Vehicle	1-7
Seats and Seat Handles	1-9
Canopy	1-11
Windshield	1-13
TOPS System	1-15
Seat Belts	1-17
Enclosure (Optional)	1-19

SECTION 2 – WHEELS AND TIRES

Wheels and Tires	2-3
------------------------	-----

SECTION 3 – DECALS

Decals – Part 1	3-3
Decals – Part 2	3-5
Decals – Part 3	3-7
Decals – Part 4	3-9

SECTION 4 – BRAKES, PEDAL, AND CABLE ASSEMBLIES

Rear Brake Assembly – Manually Adjusted	4-3
Brake Pedal and Cable Assembly	4-5
Front Brake Assembly – Manually Adjusted	4-7
Accelerator Pedal Assembly	4-9

SECTION 5 – STEERING, FRONT AND REAR SUSPENSION

Steering Column	5-3
Steering Gear Assembly	5-5
Front Suspension, Upper	5-7
Front Suspension, Lower	5-9
Rear Suspension	5-11

SECTION 6 – ELECTRICAL SYSTEM – ELECTRIC VEHICLE

Wiring – IQ-P: CA, MA, and VT Models	6-5
Wiring – IQ-P: New York Models	6-9
Electrical Components, Front Body	6-11

CONTENTS

Electrical Components, Rear Body	6-13
Controls and Indicators	6-15
Forward/Reverse Switch, Tow/Run Switch – IQ System Vehicle	6-17
Batteries, Charger Receptacle – IQ System Vehicle	6-19
Computer, Controller, and Solenoid – IQ System Vehicle	6-21
Motor Controller Output Regulator (MCOR)	6-23
Turn Signal Components	6-25
12-Volt Outlet Assembly	6-27
Defroster Kit	6-29
Windshield Wiper Kit (Type A)	6-31
Windshield Wiper Kit (Type B)	6-33

SECTION 7 – BATTERY CHARGER

PowerDrive 2 Battery Charger, Domestic	7-3
--	-----

SECTION 8 – MOTOR

Motor – IQ System Vehicle	8-3
---------------------------------	-----

SECTION 9 – TRANSAXLE – 10.3:1

Transaxle, Type G, 10.3:1 – Electric Vehicle	9-3
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SECTION 10 – MAINTENANCE AND SERVICE TOOLS

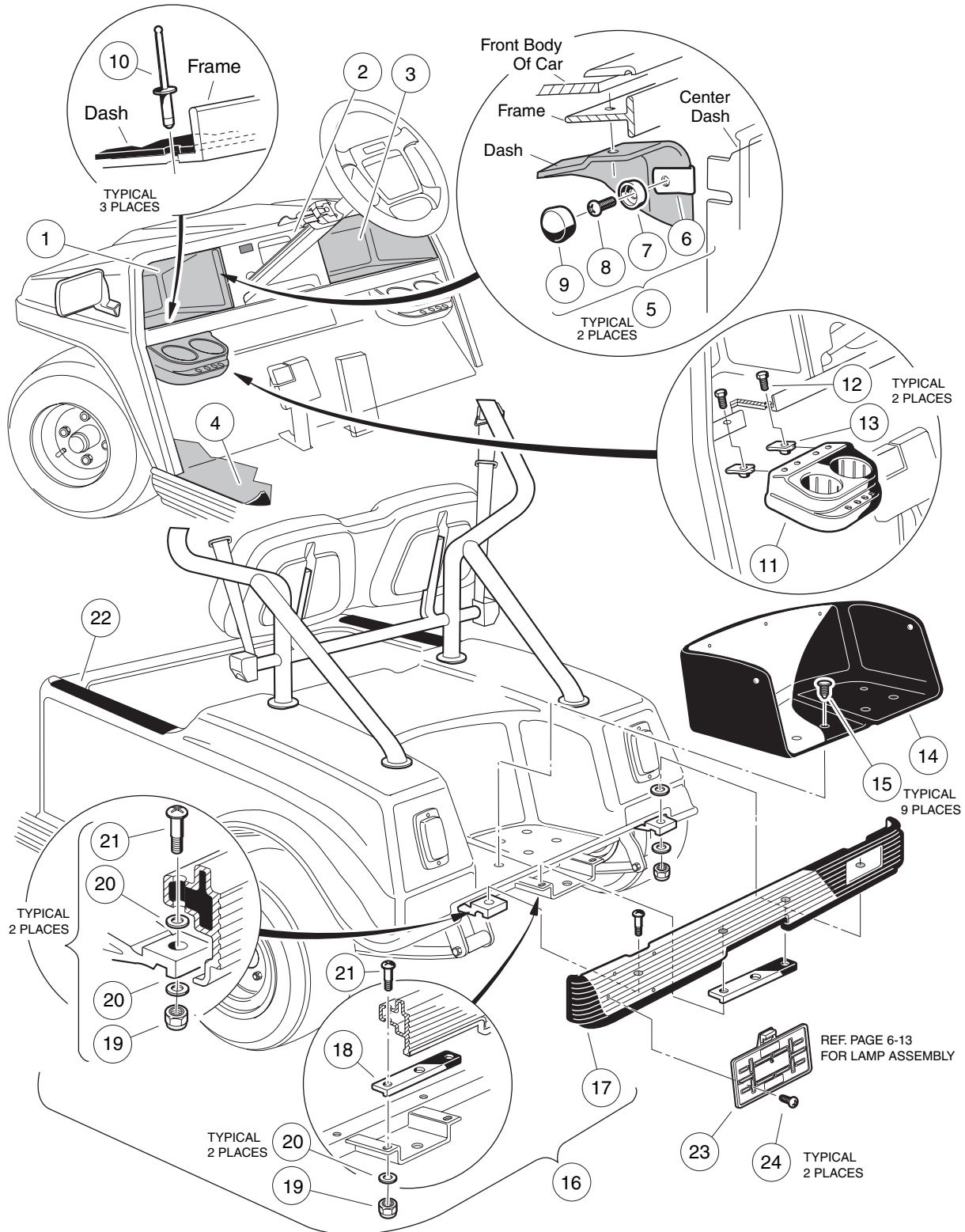
Maintenance and Service Tools	10-3
Maintenance and Service Tools, Continued	10-5
Maintenance and Service Tools, Continued	10-7
Maintenance and Service Tools, Continued	10-9
Maintenance and Service Tools, Continued	10-11

SECTION i – INDEX

BODY AND TRIM

1

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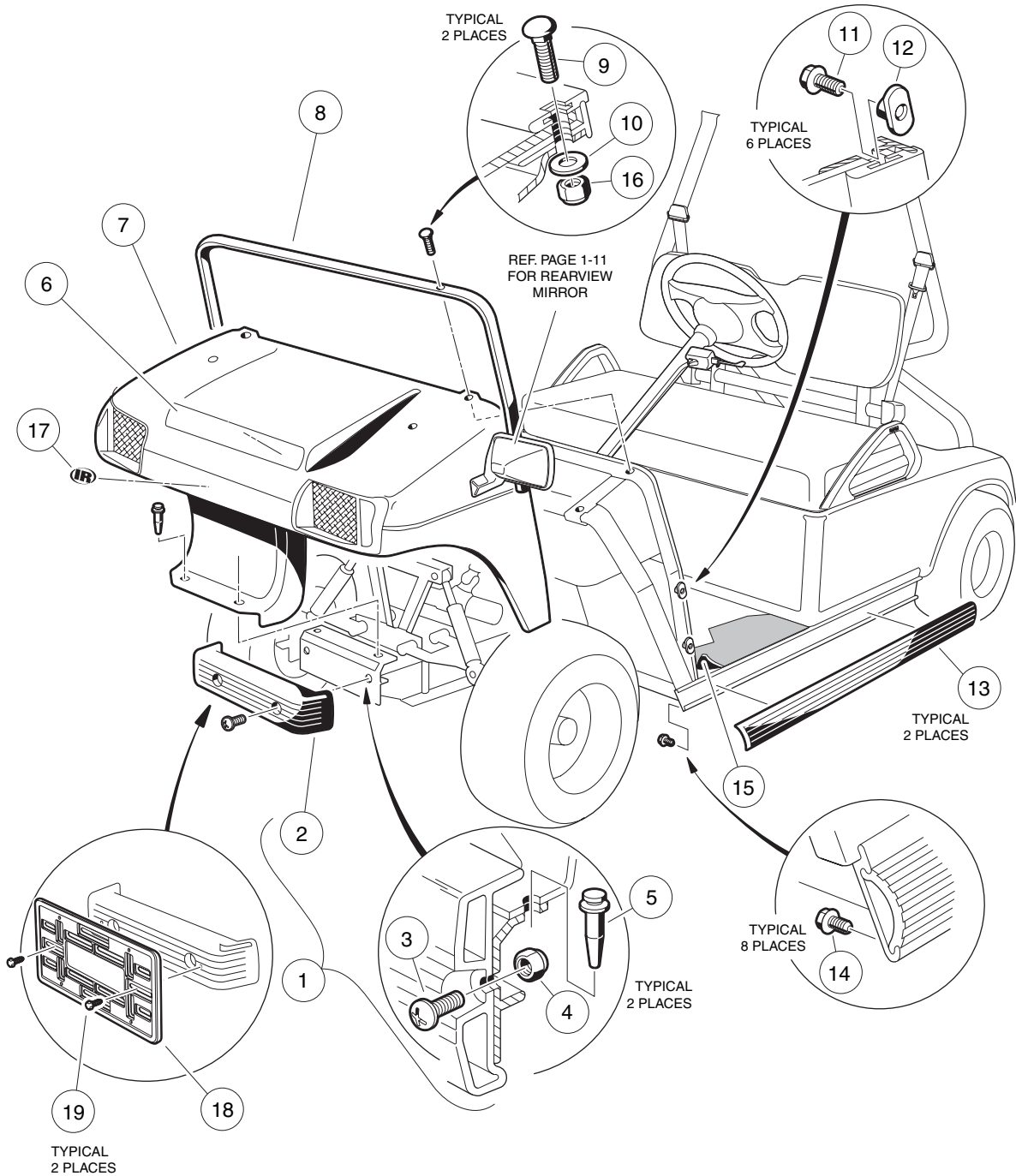


BODY TRIM

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1013344	Component, Driver-Side Dash, Black	1
2	101660404	Panel, Center Dash, Black	1
3	<u>1013343</u>	Component, Passenger-Side Dash, Black	1
4	<u>1015032</u>	Mat, Floor	1
5	<u>1014645</u>	Kit, Snap Washer, Black (includes items 6 - 9)	2
6	<u>1011019</u>	Nut, Speed	1
7	1011382	Washer, #10	1
8	1620	Screw, #10 Sheet Metal	1
9	<u>1013494</u>	Cover, Screw-Head	1
10	<u>7973</u>	Rivet, Aluminum Pop, 3/16	3
11	<u>101708301</u>	Kit, Drink Holder (includes items 12 and 13)	2
12	<u>7847</u>	Screw, Hex-Head Cap, 1/4-20 x 3/4	2
13	1016952	U-Nut, 1/4-20	2
14	<u>101768202</u>	Kit, Bagwell Protector (includes item 15)	1
15	<u>1010434</u>	Fastener, Plastic Barrel	9
16	<u>1017079</u>	Kit, Rear Bumper (includes items 17 - 21)	1
17	<u>1016379</u>	Bumper, Rear	1
18	<u>1016875</u>	Plate, Mounting, Long	1
19	<u>7473</u>	Nut, Nylon Lock, 5/16-18	4
20	<u>1011697</u>	Washer, Special, 5/16	6
21	<u>1016876</u>	Bolt, Phillips Truss-Head Shoulder, 3/8-18 x 2	4
22	<u>102221201</u>	Pad, Wear	2
23	102311601	License Plate Holder, Rear (includes lamp assembly)	1
24	<u>101856101</u>	Screw, Hex Washer-Head Hi-Lo, 1/4-15 x 1/2 inch	2
25	102327601	Cargo Net (not shown)	1

1

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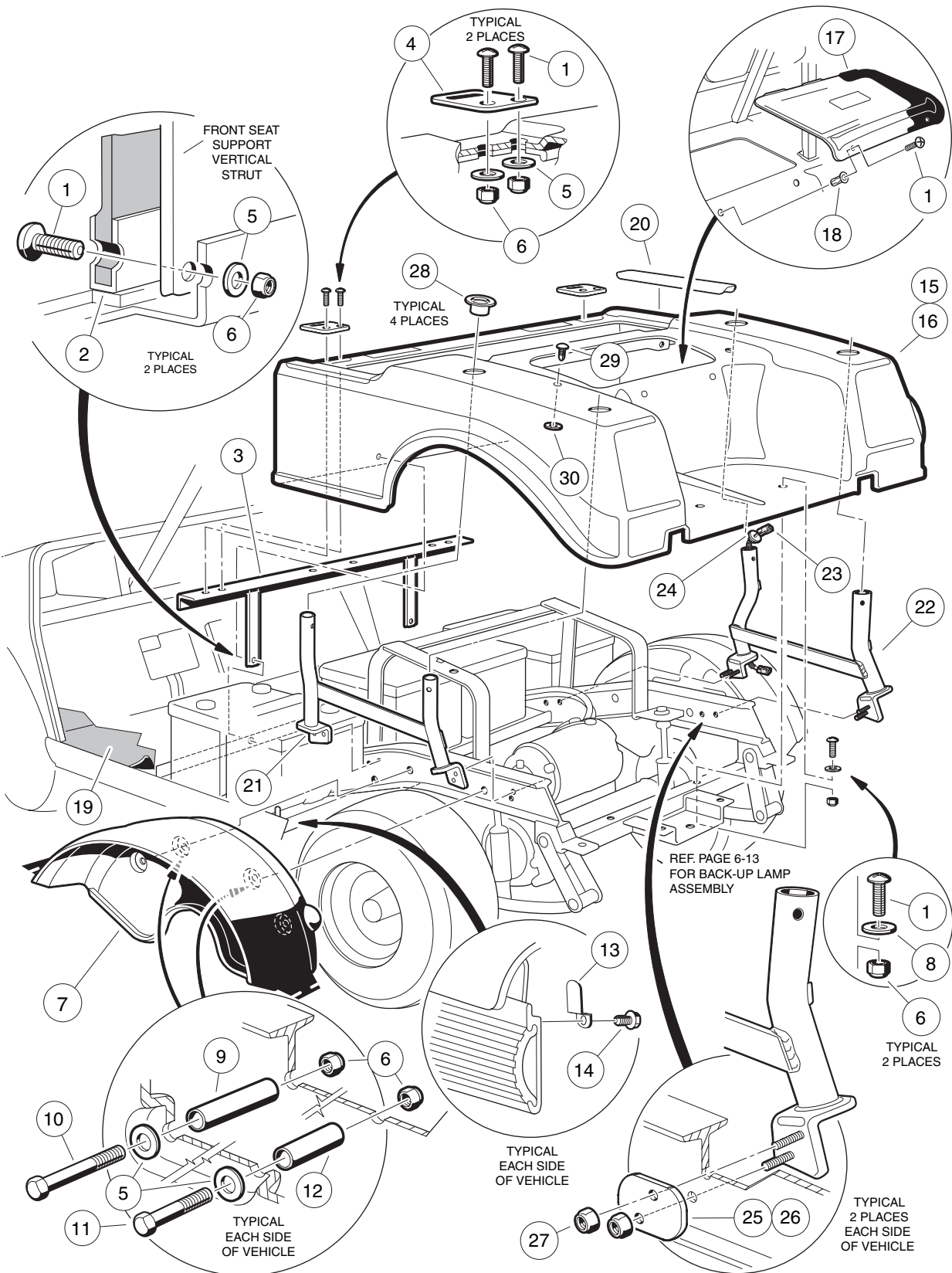


FRONT BODY

ITEM	PART NO.	DESCRIPTION	QTY	1
		1 2 3 4		
1	<u>1017080</u>	Kit, Front Bumper (includes items 2 - 5)	1	
2	<u>1016868</u>	Bumper, Front	1	E
3	<u>7251</u>	Screw, Phillips Truss-Head, 5/16-18 x 1	2	
4	<u>7473</u>	Nut, Nylon Lock, 5/16-18	2	
5	<u>1016967</u>	Rivet, Push Type Blind	2	
6	<u>1014198</u>	Nameplate Kit – Gold	1	
7	<u>101693901</u>	Body, Front with Headlight Opening – Beige	1	
8	<u>1011014</u>	Trim, Front Body	1	
9	<u>1010435</u>	Bolt, Carriage, 5/16-18 x 1	2	
10	<u>1241</u>	Washer, Flat, 5/16	2	
11	<u>1011017</u>	Screw, Flange Lock	6	
12	<u>1011394</u>	T-Nut, Slab Base (package of 4)	1	
13	<u>1013983</u>	Bumper, Side Guard Trim	2	
14	<u>102310701</u>	Screw, Hex Washer-Head, #8-18 x 3/8	8	
15	<u>1015032</u>	Mat, Floor	1	
16	<u>7473</u>	Nut, Nylon Lock, 5/16-18	2	
17	N/A	Emblem, IR, Golf Car	1	
18	<u>102311501</u>	License Plate Holder, Front	1	
19	<u>101856101</u>	Screw, Hex Washer-Head Hi-Lo, 1/4-15 x 1/2 inch	2	

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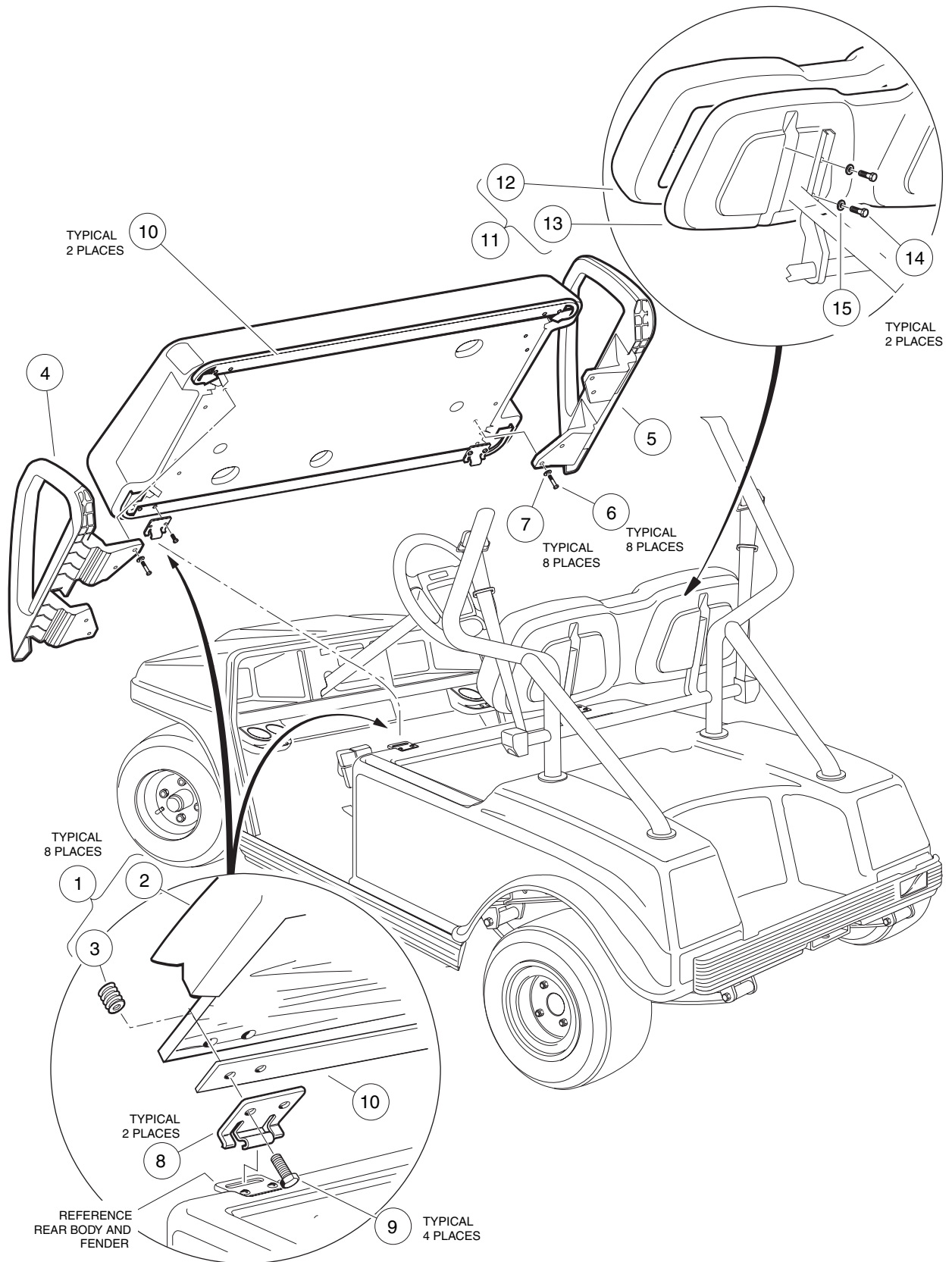


REAR BODY AND FENDER – ELECTRIC VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>8251</u>	Screw, Phillips-Head, 1/4-20 x 1	10
2	<u>101904101</u>	Plate, Body Kick	1
3	<u>1017141</u>	Support, Front Body	1
4	<u>1012412</u>	Plate, Body Hinge	2
5	<u>332</u>	Washer, Flat, 1/4	10
6	<u>8233</u>	Nut, Nylon Lock, 1/4-20	12
7	<u>1017936</u>	Fender, Inner	2
8	<u>1014306</u>	Washer, Flat, Type B, 1/4	2
9	<u>1017814</u>	Spacer, 1-7/8	2
10	<u>1012159</u>	Screw, Hex-Head Cap, 1/4-20 x 2-3/4	2
11	<u>7479</u>	Screw, Hex-Head Cap, 1/4-20 x 1-1/4	2
12	<u>1017815</u>	Spacer, 1/2	2
13	<u>1017748</u>	Clip, Body Keeper	2
14	<u>1012047</u>	Screw, Self-Tapping, #8-32	2
15	****	Body with RECTANGULAR Taillight Opening – Beige*	1
16	****	Body with ROUND Taillight Opening – Beige*	1
17	<u>1013032</u>	Door, Access – Black	1
18	<u>1015525</u>	Nut, Blind, 1/4-20	2
19	<u>1015032</u>	Mat, Floor	1
20	<u>102221201</u>	Pad, Wear	2
21	<u>102319101</u>	H-Bracket, Left-Hand	1
22	<u>102319501</u>	H-Bracket, Right-Hand (includes items 23 and 24)	1
23	<u>102318501</u>	Wire Harness, Lower, Brake Light Center High-Mount	1
24	N/A	Bushing, Rubber	1
25	<u>102322301</u>	Plate, Backing, Front, H-Bracket	2
26	<u>102322401</u>	Plate, Backing, Rear, H-Bracket	2
27	<u>8754</u>	Nut, Nylon Lock, 3/8-16	8
28	****	Grommet, Rear Body	4
29	<u>102330301</u>	Fastener, Ratchet	2
30	<u>334</u>	Washer, 3/8, Type A, Flat	2
		 * Vehicles with serial number NQ0399-250010 and lower use rectangular taillights. Vehicles with serial numbers higher than NQ0399-250010 use round taillights.	
	****	Special order item available upon request	

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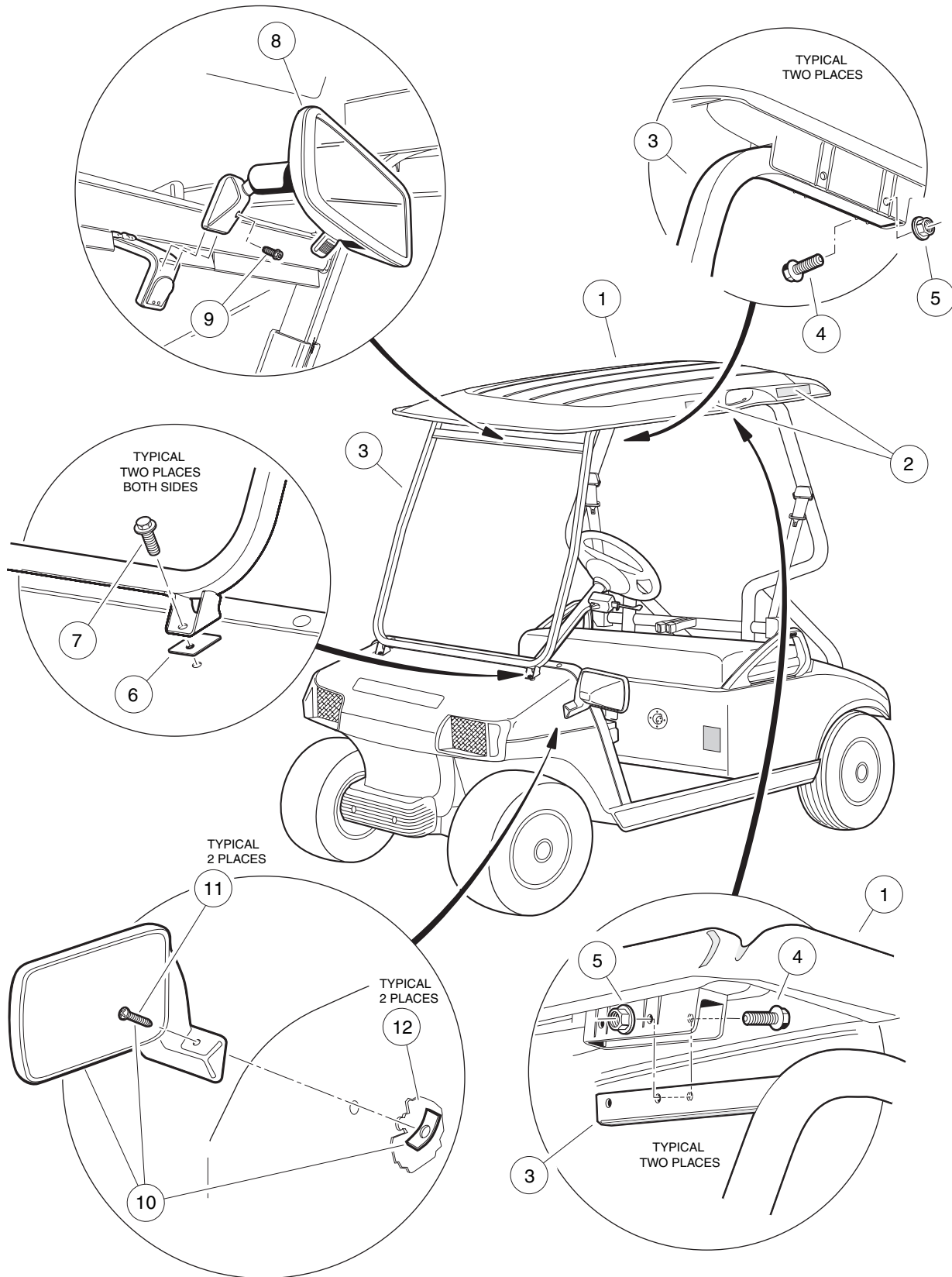


SEATS AND SEAT HANDLES

ITEM	PART NO.	DESCRIPTION	QTY	1
		1 2 3 4		
1	<u>102174201</u>	Assembly, Seat Bottom – Buff (includes items 2 and 3)	1	
2	<u>101998201</u>	Cover, Vinyl Seat Bottom – Buff	1	E
3	1010543	Insert, Wood	12	
4	<u>101987601</u>	Seat Handle, Driver-Side	1	
5	<u>101985501</u>	Seat Handle, Passenger-Side	1	
6	1016916	Screw, Hex-Head Cap, 1/4-20 x 1-1/2	8	
7	<u>332</u>	Washer, Flat, Type A	8	
8	<u>1011652</u>	Plate, Seat Hinge, Stainless Steel	2	
9	<u>101954301</u>	Screw, Hex-Head Cap, 1/4-20 x 3/4 (with patch)	4	
10	<u>101998501</u>	Gasket, Seat	2	
11	<u>102238301</u>	Assembly, Seat Back – Buff (includes items 12 and 13)	1	
12	<u>102060501</u>	Cover, Vinyl, Seat Back – Buff	1	
13	<u>102237001</u>	Cap, Seat Back – Black	1	
14	102324801	Screw, Hex-Head Cap, 1/4-20 x 1	4	
15	<u>102324901</u>	Washer, Flat, 1/4	4	

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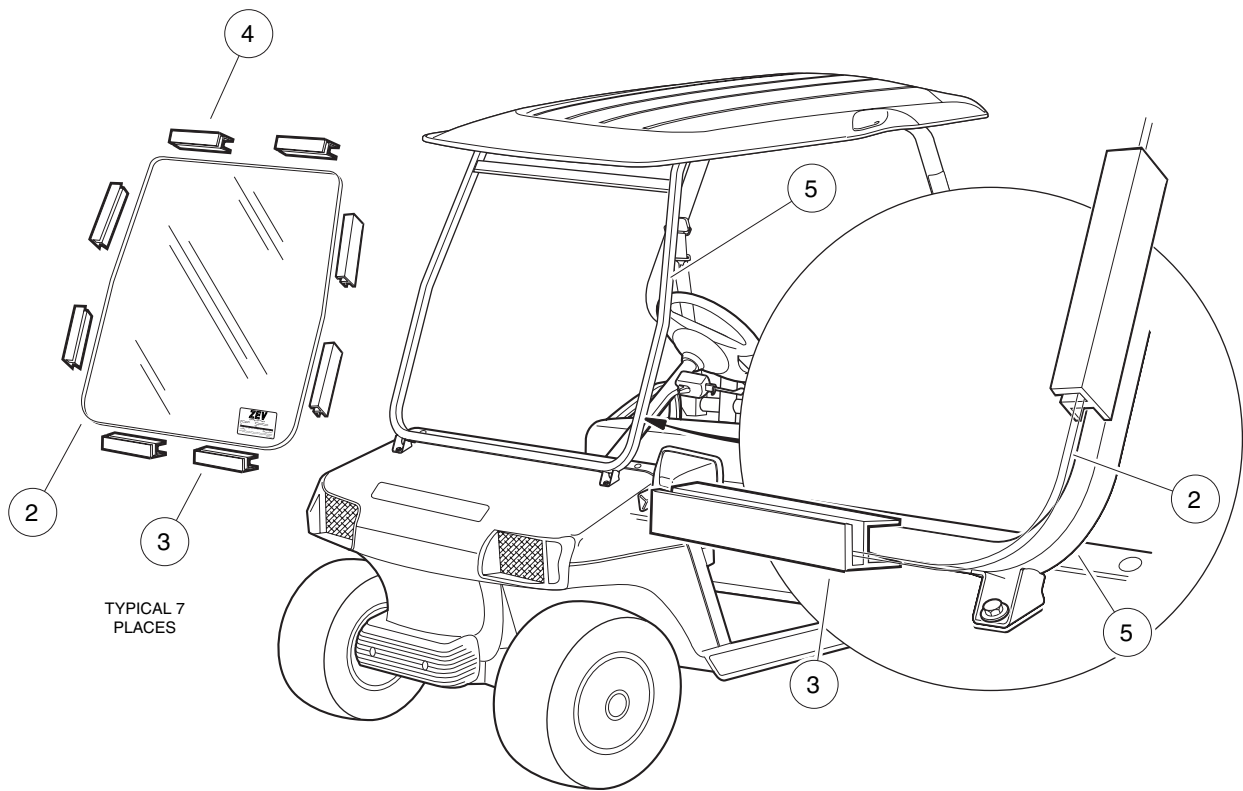


CANOPY

ITEM	PART NO.	DESCRIPTION	QTY	1
		1 2 3 4		
1	102319601	Canopy – Beige, with Reflective Tape	1	
2	102312201	Reflective Tape, 24 Inch Strip (Field Cut to 6 inches)	1	E
3	<u>102318101</u>	Frame, Windshield	1	
4	<u>102076701</u>	Screw, SEMS, 1/4-20 x 1-3/4	8	
5	<u>101835601</u>	Nut, Flange, 1/4-20	8	
6	102198301	Pad, Mounting (windshield frame)	2	
7	102099101	Screw, SEMS (with patch) 5/16-18 x 1	2	
8	<u>102318301</u>	Mirror, Rearview (includes item 8)	1	
9	N/A	Set Screw, Rearview Mirror	1	
10	<u>1011524</u>	Kit, Rearview Side Mirror (includes items 10 and 11)	1	
11	<u>1015528</u>	Screw, Oval Countersink Machine Head, #10-16 x 1.25	2	
12	<u>1011627</u>	Nut, Speed, #10	2	

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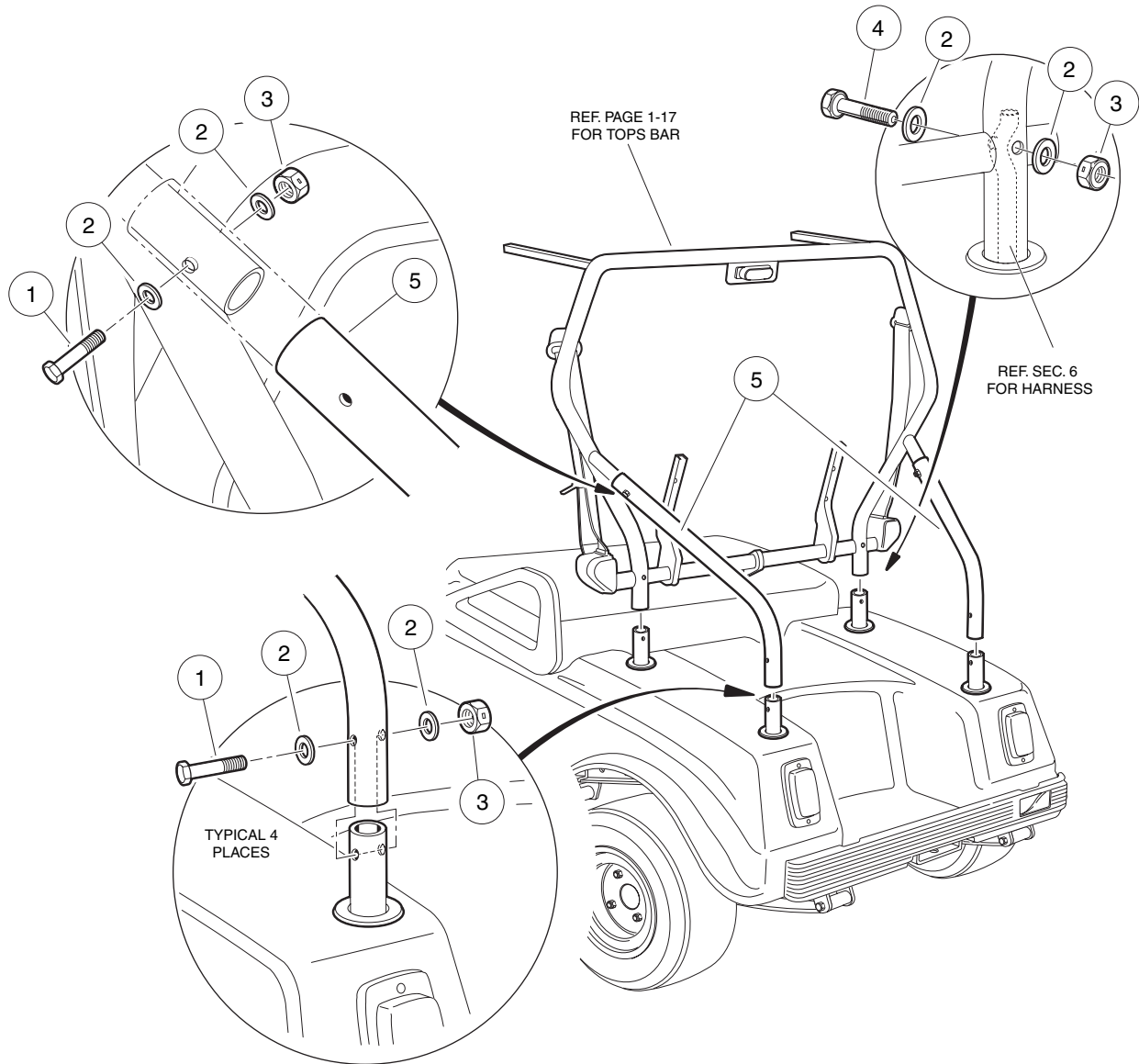


WINDSHIELD

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	102329601	Windshield Assembly (Includes Items 2-5)	1
2	N/A	Windshield	1
3	<u>102163001</u>	Channel, Windshield	7
4	102325401	Channel, Windshield (passenger-side)	1
5	<u>102318101</u>	Frame, Windshield	1

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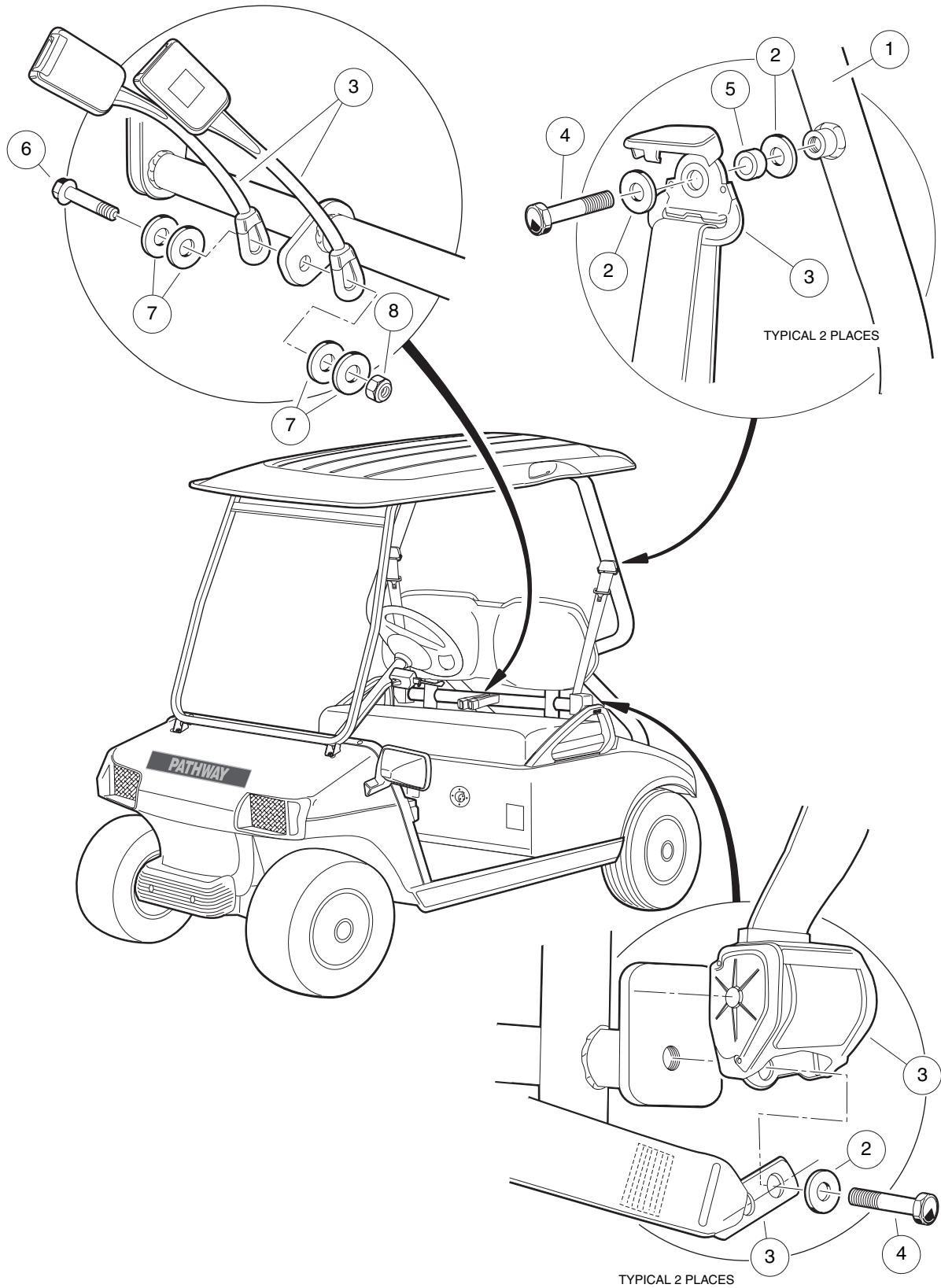


TOPS SYSTEM

ITEM	PART NO.	DESCRIPTION	QTY	1
		1 2 3 4		
1	<u>102323701</u>	Screw, Hex-Head Cap, 3/8-16 x 2	4	
2	<u>102323501</u>	Washer, Flat, 3/8	12	E
3	<u>102323401</u>	Nut, Dimpled Lock, 3/8-16	6	
4	<u>102323801</u>	Screw, Hex-Head Cap, 3/8-16 x 2-3/4	2	
5	102320701	Tube, Gusset, Rear	2	

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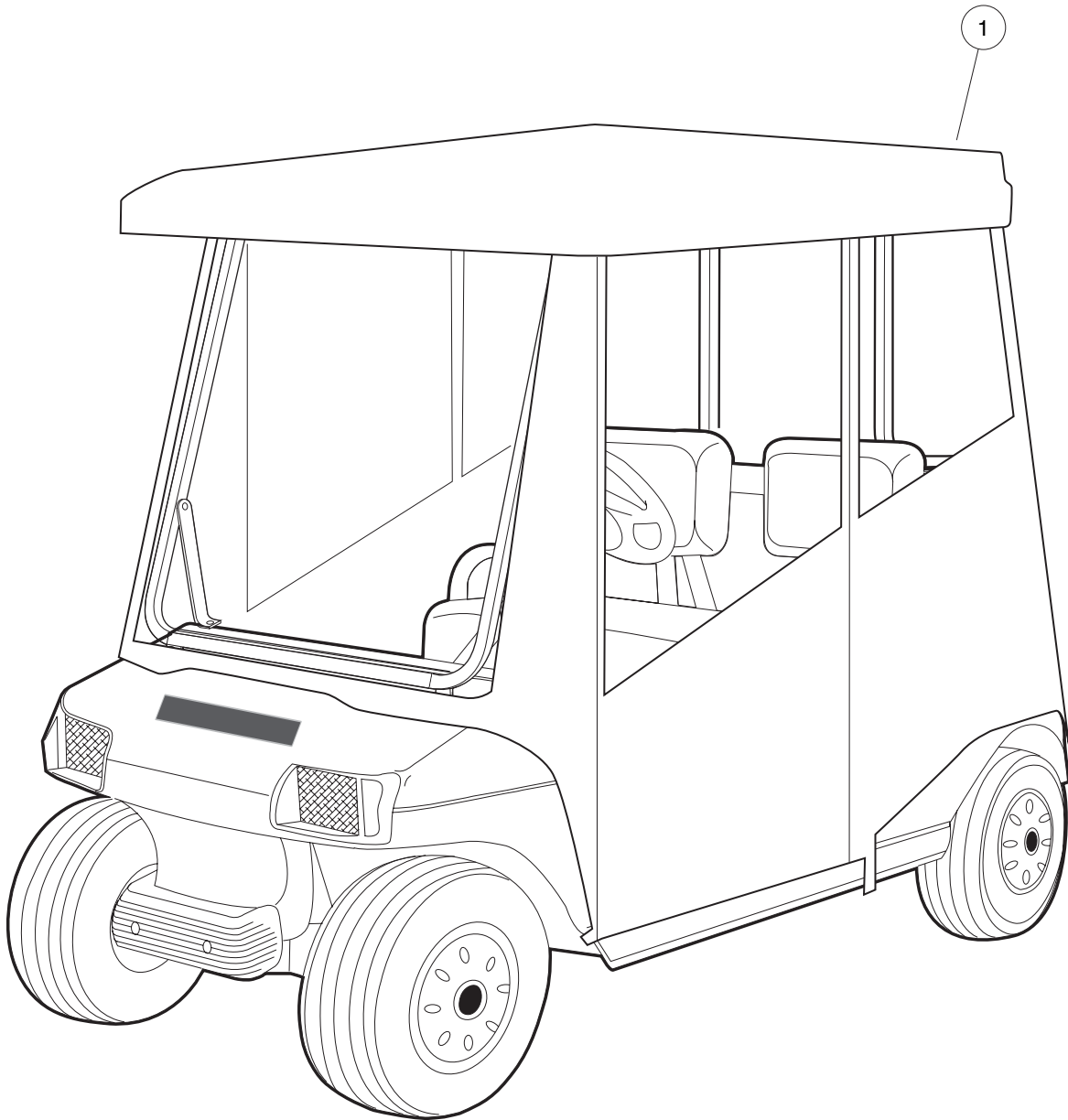


SEAT BELTS

ITEM	PART NO.	DESCRIPTION	QTY	1
		1 2 3 4		
	****	TOPS Bar and Seatbelt Assembly (includes items 1-12)	1	
1	N/A	TOPS Bar	1	E
2	<u>1014557</u>	Washer, 7/16 Flat Type A	6	
3	N/A	Seatbelt and Latch Assembly	2	
4	102324001	Bolt, Hex-Head, 7/16-20 x 1.5 (with patch)	4	
5	102324101	Bushing, 0.56 OD x 0.46 ID	2	
6	<u>102324301</u>	Bolt, Hex-Head, 7/16-20 x 2.25	1	
7	<u>1014557</u>	Washer, 7/16 ID, 1.25 OD	4	
8	<u>102324401</u>	Nut, Nylon Lock, 7/16-20	1	
9	<u>102313701</u>	Lamp, Brake, Center (not shown)	1	
10	<u>102318401</u>	Wire Harness, Upper, Brake Light Center High-Mount (not shown)	1	
11	101942401	Receptacle, Two-Pin (not shown)	1	
12	101942501	Receptacle Wedge Lock, Two-Pin (not shown)	1	
	****	Special order item available upon request		

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ENCLOSURE (OPTIONAL)

ITEM	PART NO.	DESCRIPTION	QTY
1	<u>102163501</u>	1 2 3 4 Enclosure, All Weather (White)	1
1	<u>102163502</u>	Enclosure, All Weather (Beige)	1

1

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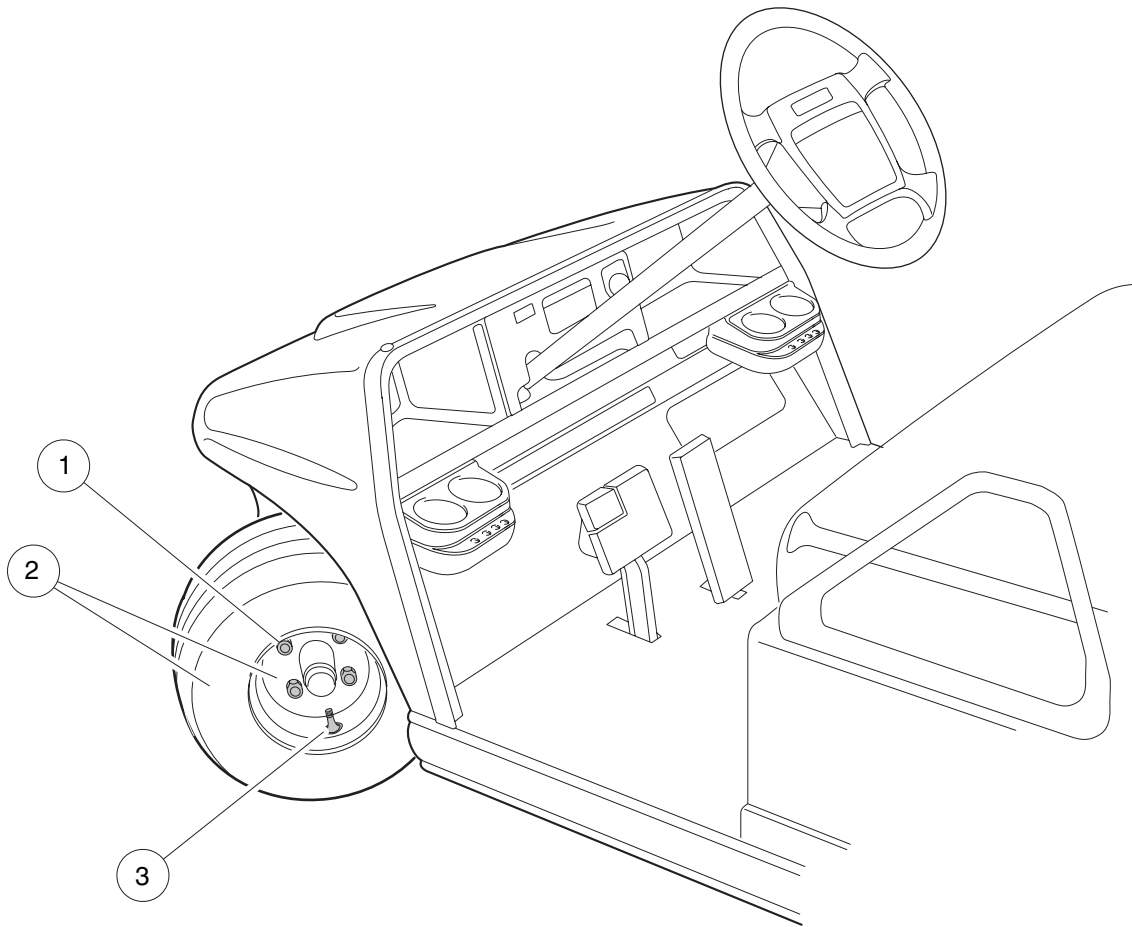
WHEELS AND TIRES

2

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2

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WHEELS AND TIRES

ITEM	PART NO.	DESCRIPTION	QTY	
		1 2 3 4		
1	<u>1010984</u>	Nut, Lug	16	
2	<u>102311801</u>	Assembly, Wheel (Beige) and DOT Approved Tire	4	
	****	Tire, Standard Tread (18 x 8.50 - 8)	1	
3	<u>7310</u>	Stem, Valve	4	
	****	Special order item available upon request		

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DECALS

3

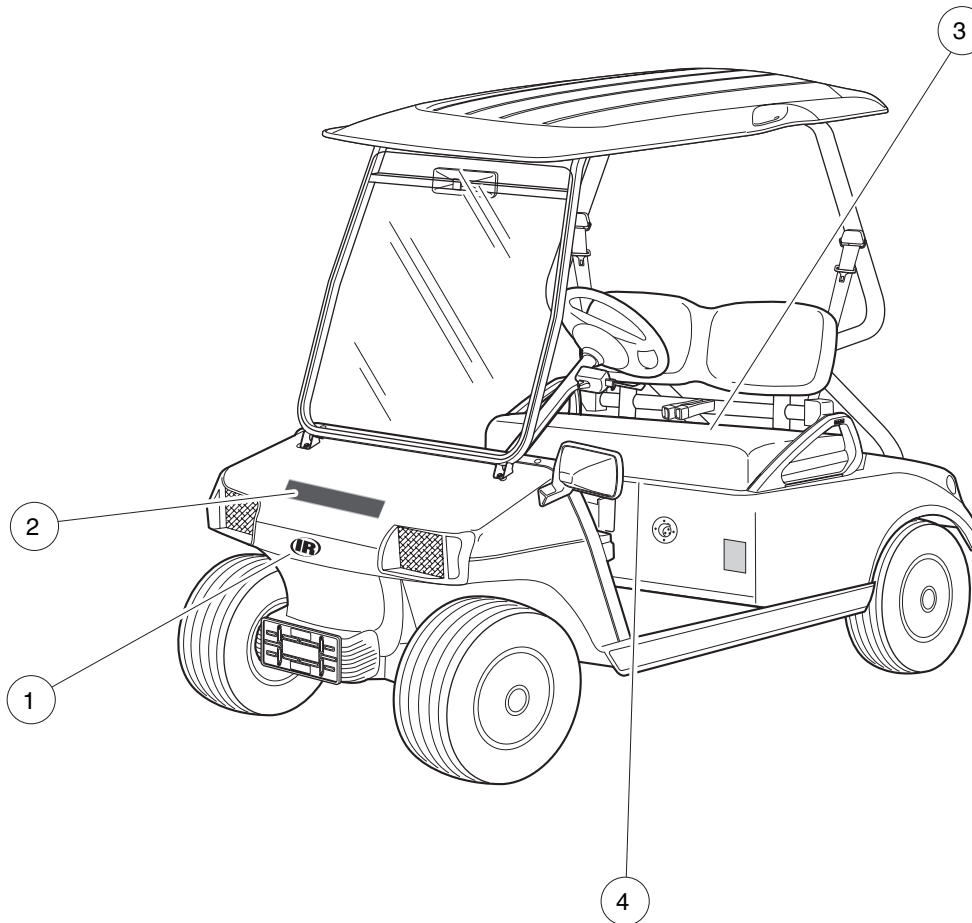
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**ELECTRICAL COMPONENT DECAL
(ON SPEED CONTROLLER COVER)**

NOTICE

Do not operate vehicle without this cover properly installed.
Do not direct water stream in this area; will cause damage to components.

CCI 101931501



**TOW/RUN SWITCH WARNING DECAL
(ON TOW/RUN SWITCH BRACKET UNDER SEAT)**

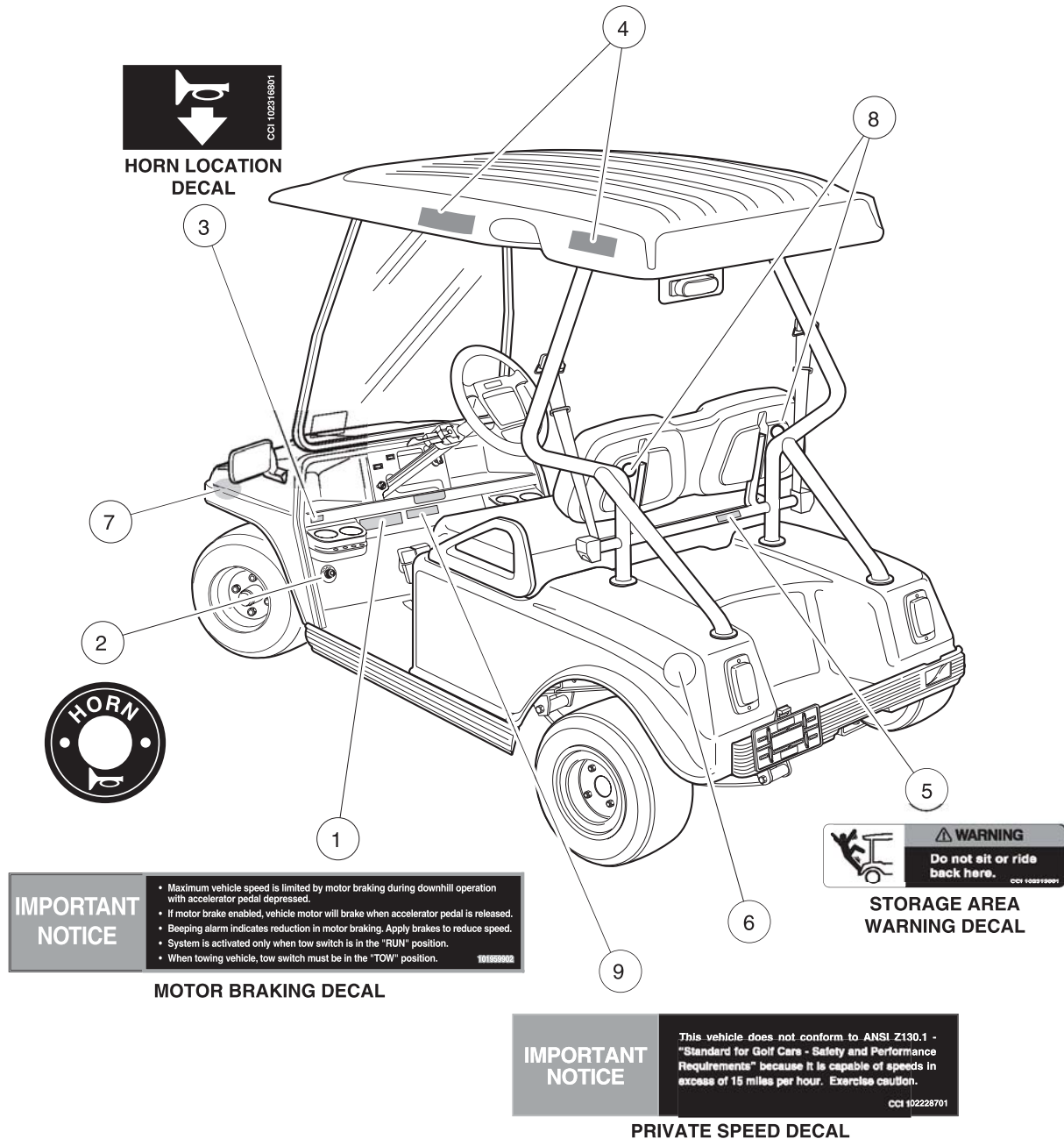
	WARNING	TOW	●	RUN
	Place Tow/Run switch in TOW position before: • Disconnecting or connecting batteries • Towing • Extended storage • Servicing			
FAILURE TO HEED THIS WARNING COULD RESULT IN A BATTERY EXPLOSION				
CCI 101908501				

DECALS – PART 1

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	N/A	Emblem, IR	1
2	<u>1014198</u>	Nameplate Kit – Gold (Club Car)	1
3	<u>101931501</u>	Decal, Electrical Component Cover	1
4	<u>101908601</u>	Decal, Tow/Run Switch	1

3

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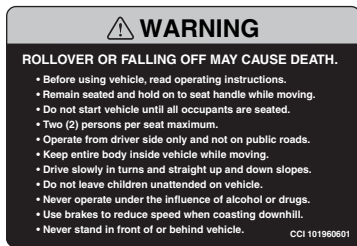
DECALS – PART 2

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>101959902</u>	Decal, Motor Braking	1
2	<u>102175401</u>	Bezel, Horn	1
3	<u>102316801</u>	Decal, Horn Location	1
4	<u>102312201</u>	Reflective Tape, 24 Inch Strip (Field Cut to 6 inches)	4
5	<u>102313001</u>	Decal, Storage Area	1
6	<u>102318201</u>	Decal, Reflective (round, red) (CA, MA, and VT vehicles only)	2
7	<u>102332501</u>	Decal, Reflective (round, amber) (NY vehicles only)	2
8	<u>102322901</u>	Reflector, Round	2
9	<u>102228701</u>	Decal, Private Speed	1

3

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OPERATING INSTRUCTIONS DECAL



KEY SWITCH



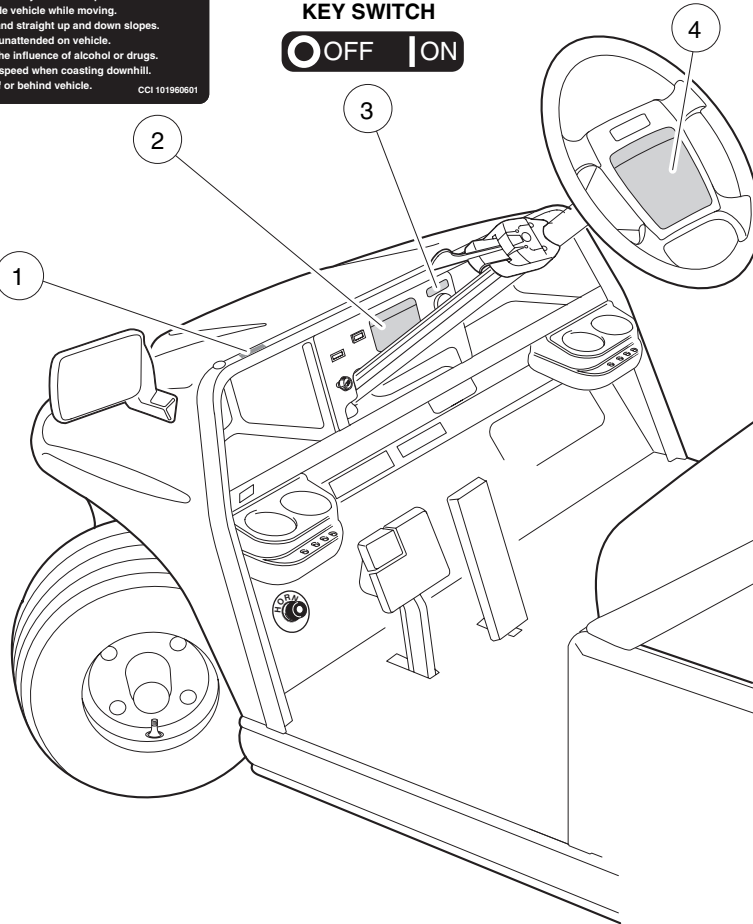
OPERATING INSTRUCTIONS

- Read Owner's Manual and safety warnings located on dash panel prior to driving.
 - Study and understand controls.
- Make sure wheels are turned in desired direction.
- Turn key to "ON" position and be sure nothing is in your path.
 - While vehicle is stopped, select direction by placing shift lever or switch in desired position:
 - F - Forward N - Neutral R - Reverse (Buzzer will sound)
- Vehicle will start moving when accelerator pedal is depressed.
- Slowly depress accelerator pedal to increase speed. Park brake will release when accelerator pedal is depressed.
- To stop, release accelerator pedal and depress brake pedal.
- After stopping the vehicle:
 - Firmly depress park brake until it locks.
 - Place Forward/Reverse switch in "NEUTRAL" position.
 - Turn key "OFF" and remove key when not in use.

CCI 101961001

WARNING DECAL

VIN LABEL



Note: Canopy and windshield omitted from this illustration for clarity.

DECALS – PART 3

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	N/A	Label, VIN (Vehicle Identification Number)	1
2	101960601	Decal, Dash Warning	1
3	<u>101825101</u>	Decal, Key Switch	1
4	101621601	Decal, Operating Instructions	1

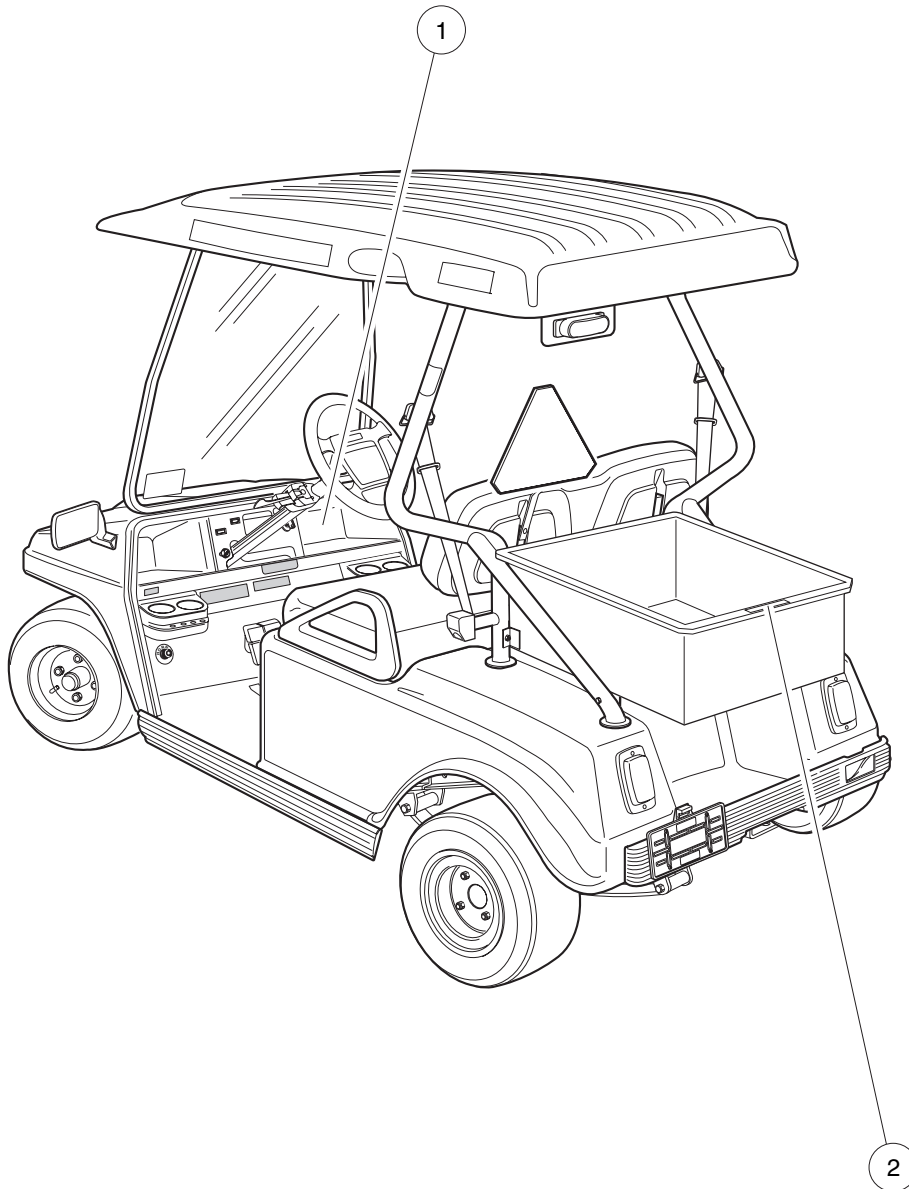
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CAUTION**EXCESSIVE DISCHARGE OF VEHICLE BATTERIES CAN OCCUR**

- Power outlet output: 12 volts DC nominal, 6.5 amps maximum.
- Not for continuous use.
- Do not use power outlet while charging vehicle batteries.
- 19 volts DC maximum while vehicle batteries are charging.

AM10425

**WARNING**

- Do not sit or ride on back of vehicle or in cargo area.

- Maximum cargo load: 150 lb. (68 kg).

CCI 102339301



DECALS – PART 4

ITEM	PART NO.	DESCRIPTION	QTY
1	AM10425	1 2 3 4 Decal, Battery Discharge Caution (Vehicles with 12-Volt Port Only)	1
2	<u>102339301</u>	Decal, Box Bed (Vehicles with Box Bed Only)	1

3

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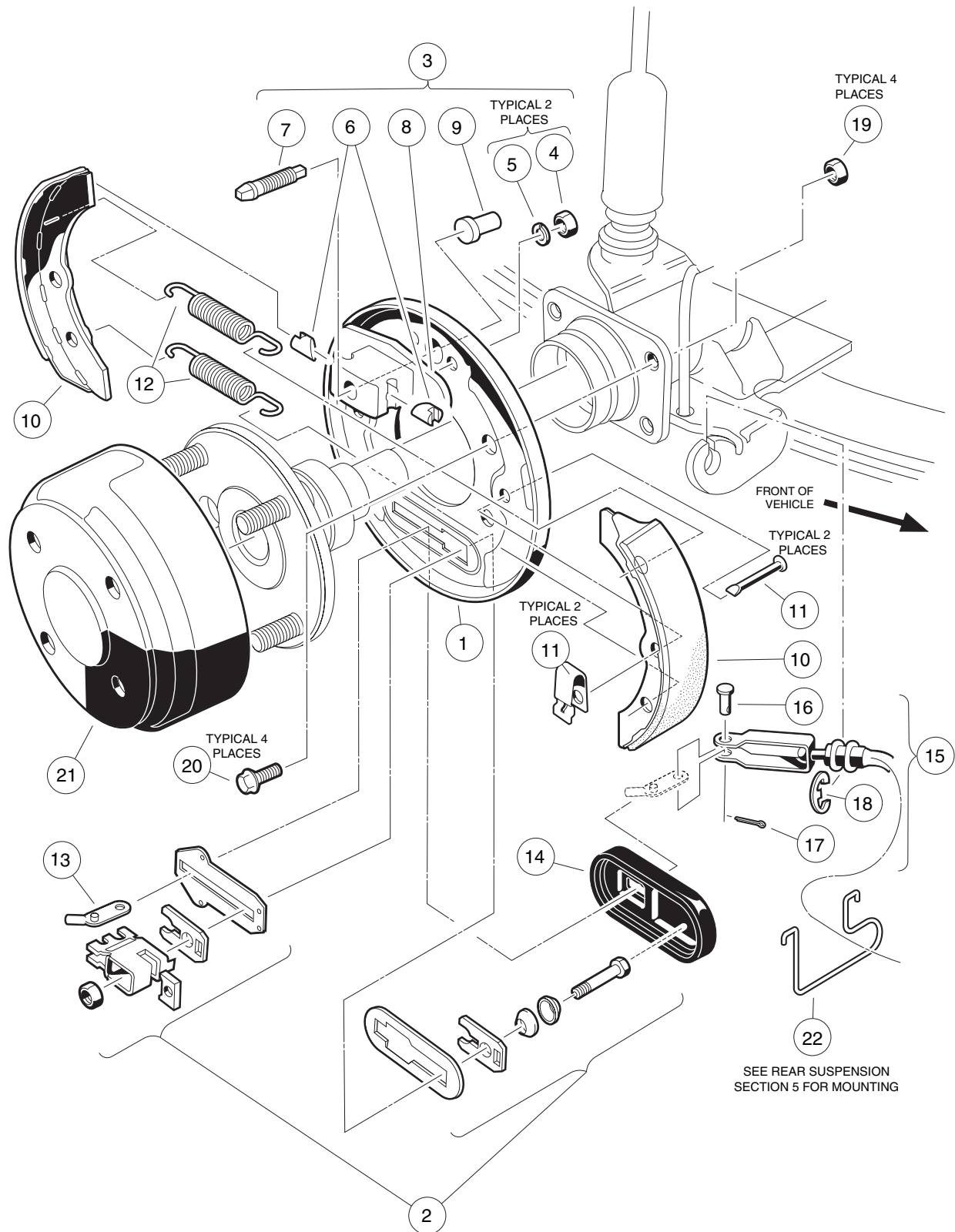
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BRAKES, PEDAL, AND CABLE ASSEMBLIES

4

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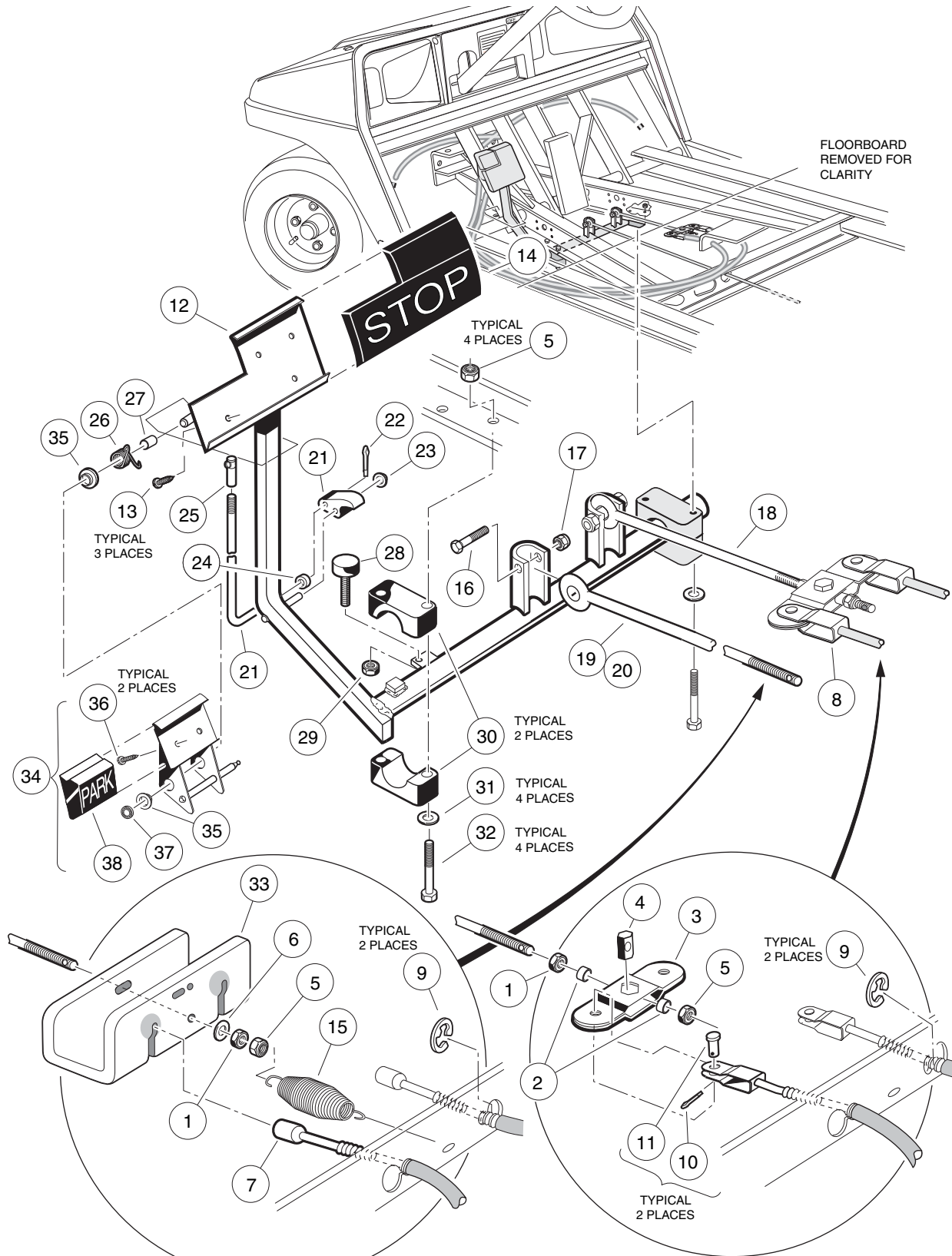


REAR BRAKE ASSEMBLY – MANUALLY ADJUSTED

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	<u>1016573</u>	Cluster, Brake, Passenger-Side, without Brake Drum (includes items 1 - 14)	1
	<u>1016557</u>	Cluster, Brake, Driver-Side, without Brake Drum (includes items 1 - 14)	1
1	<u>1011494</u>	Plate, Backing, Driver-Side	1
1	<u>1011154</u>	Plate, Backing, Passenger-Side	1
2	<u>1011465</u>	Kit, Brake Actuator	1
3	<u>1011467</u>	Kit, Anchor Body (includes items 4 - 9)	1
4	<u>1011114</u>	Nut, M6 x 1	2
5	<u>451</u>	Washer, Lock, 1/4	2
6	N/A	Piston, Anchor	2
7	N/A	Bolt, Adjustment	1
8	N/A	Body, Anchor	1
9	<u>1011303</u>	Cap, Adjustment Bolt	1
10	<u>101146302</u>	Package, Brake Shoe (four pieces)	1
11	<u>1011466</u>	Kit, Shoe Retainer (four pieces)	1
12	<u>1011464</u>	Package, Brake Spring (four pieces)	1
13	N/A	Arm, Brake Lever	1
14	<u>1010850</u>	Cover, Dust	1
15	<u>102022101</u>	Kit, Brake Cable (includes one each of items 16 and 17 and two each of item 18)	2
16	<u>1010829</u>	Pin, Clevis, 5/16	2
17	<u>1035</u>	Pin, Cotter, 3/32 x 1	2
18	<u>1011779</u>	E-Clip, 1/2	2
19	<u>1013924</u>	Nut, Cone Lock, Grade 8, 5/16-24	8
20	<u>1014153</u>	Bolt, Brake Cluster Mounting, Grade 8, 5/16-24 x 7/8	8
21	<u>101791101</u>	Drum, Brake	2
22	<u>1013207</u>	Hanger, Brake Cable	2

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BRAKE PEDAL AND CABLE ASSEMBLY

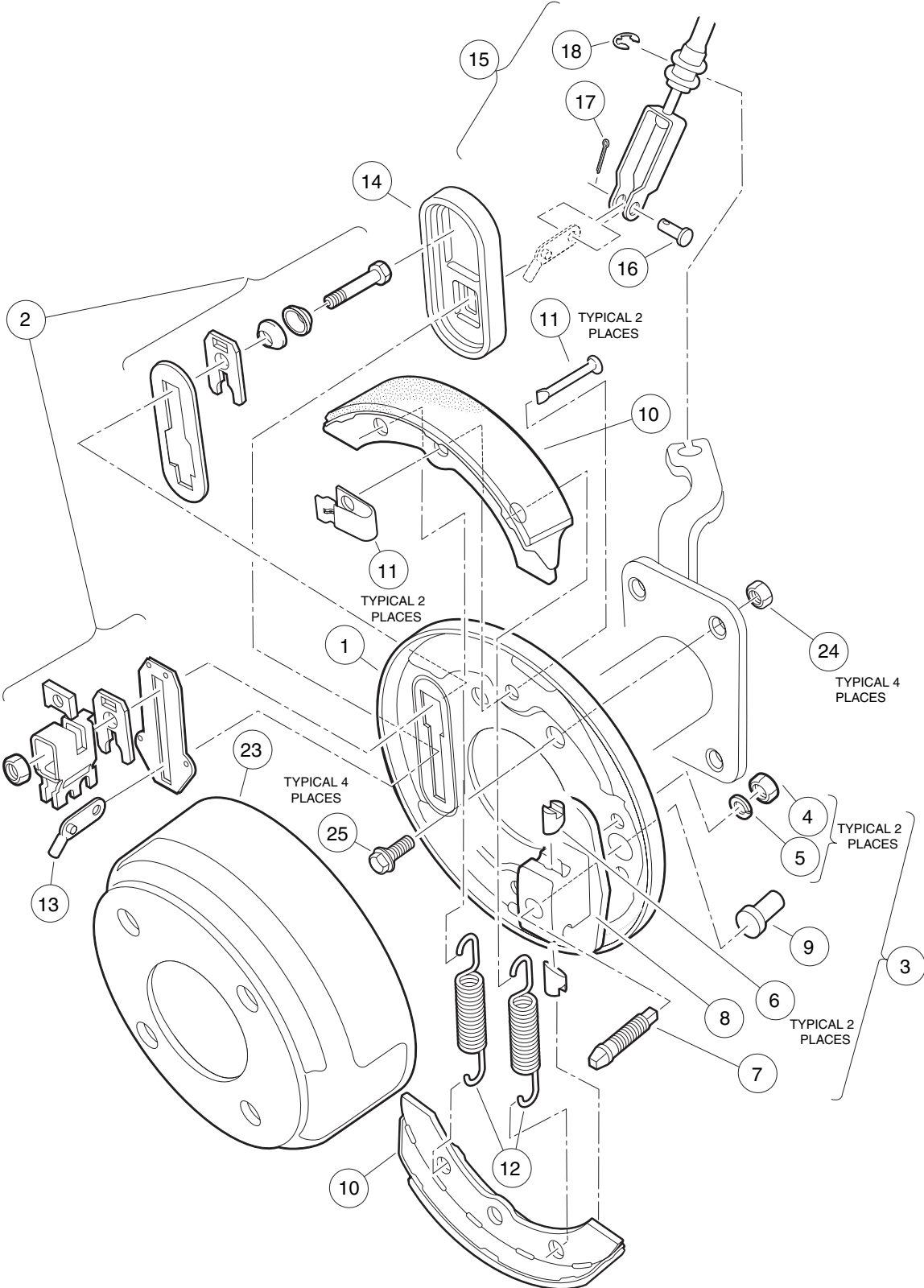
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1242</u>	Nut, Hex, 5/16-18	2
2	<u>101865301</u>	Spacer, Equalizer	2
3	<u>1017211</u>	Kit, Equalizer And Pivot Limiter (includes item 4)	1
4	N/A	Pin, Equalizer Pivot	1
5	<u>7473</u>	Nut, Nylon Lock, 5/16-18	5
6	<u>1241</u>	Washer, Flat, 5/16	1
7	<u>102022101</u>	Kit, Brake Cable, Rear (includes two each of item 9 and one each of items 10 and 11)	2
8	<u>101874601</u>	Kit, Brake Cable, Front (includes items 9 - 11)	2
9	<u>1011779</u>	E-Clip, 1/2	2
10	<u>1035</u>	Pin, Cotter, 3/32 x 1	2
11	<u>1010829</u>	Pin, Clevis, 5/16	2
12	<u>101878201</u>	Kit, Brake Pedal (includes items 13 And 14)	1
13	<u>7716</u>	Screw, Slotted Hex Washer-Head, #10-16 x 1/2	3
14	<u>1013869</u>	Pad, Brake Pedal	1
15	<u>1013531</u>	Spring, Brake Return	1
16	<u>101953001</u>	Bolt, Hex-Head Shoulder, 3/8 x 1	2
17	<u>7473</u>	Nut, Nylon Lock, 5/16-18	2
18	<u>101953106</u>	Rod, Equalizer, Front	1
19	<u>101953102</u>	Rod, Equalizer, Rear (Carryall 2 and 2 Plus)	1
20	<u>101953103</u>	Rod, Equalizer, Rear (Carryall 6)	1
	<u>101187702</u>	Kit, Park Brake Latch (includes items 21 - 25 below and item 22 on page 4-8 or 4-9)	1
21	N/A	Rod and Pawl	1
22	<u>1017029</u>	Pin, Cotter, 7/64 x 1/2	1
23	<u>1010877</u>	Nut, Push, 5/16	1
24	<u>1010805</u>	Sleeve, Park Brake Rod	1
25	<u>1010932</u>	Joint, Ball, 1/4-28	1
26	<u>1010933</u>	Spring, Park Brake Torsion	1
27	<u>1010927</u>	Spacer, Park Brake	1
28	<u>1010878</u>	Bumper, Rubber	1
29	<u>1028</u>	Nut, Hex, 1/4-20	1
30	<u>1011402</u>	Package, Brake Mounting Block (contains upper and lower for left and right sides).....	1
31	<u>1014007</u>	Washer, Flat, 1/4	4
32	<u>1010921</u>	Screw, Hex-Head Cap, 5/16-18 x 2-1/2	4
33	<u>101990801</u>	Equalizer	1
34	<u>1011418</u>	Kit, Park Brake Pedal (includes items 35 - 38)	1
35	<u>1032</u>	Bushing, Nylon	2
36	<u>7716</u>	Screw, Slotted Hex Washer-Head, #10-16 x 1/2	2
37	<u>1013876</u>	Nut, Push, 3/8	1
38	<u>1013870</u>	Pad, Park Brake	1

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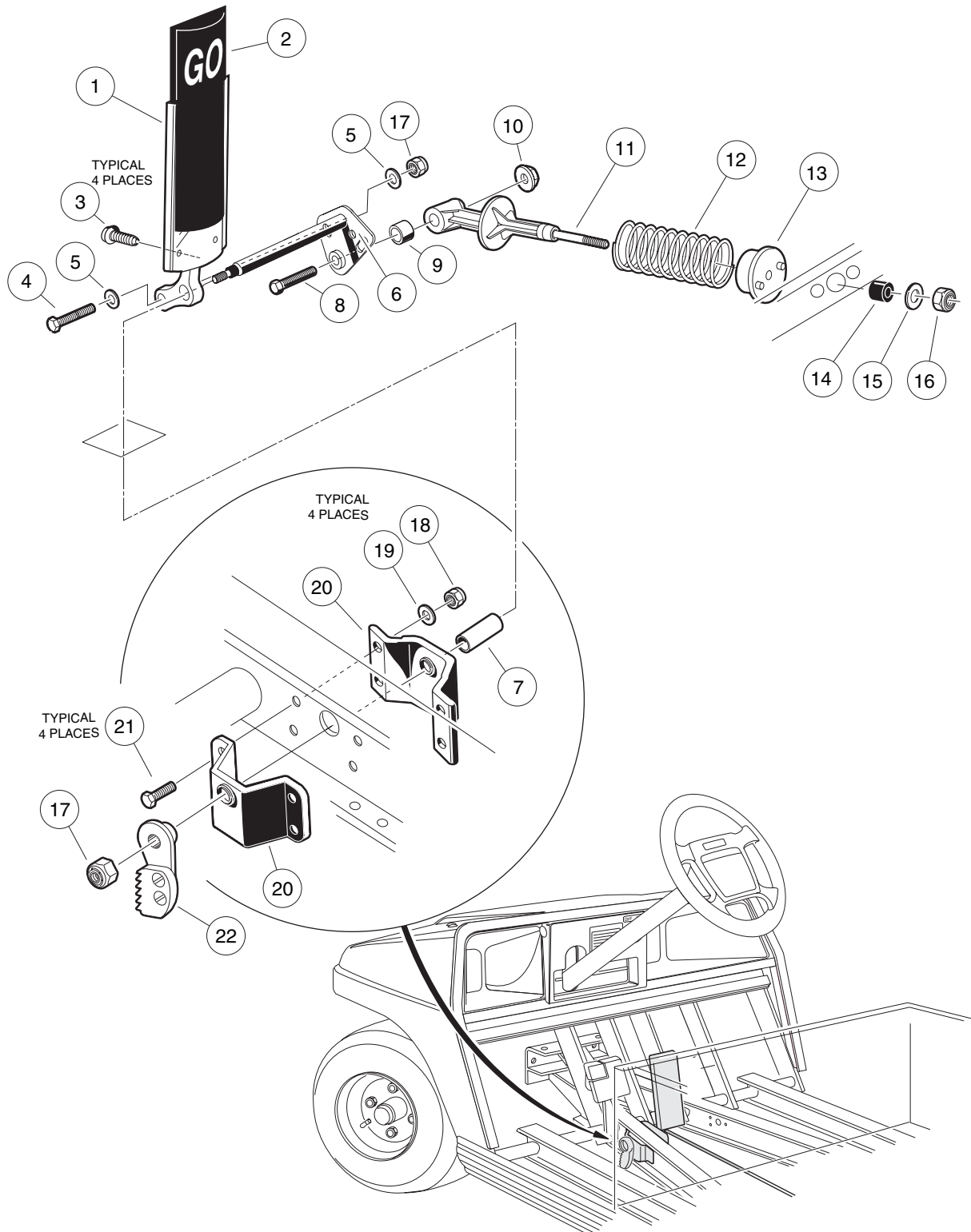


FRONT BRAKE ASSEMBLY – MANUALLY ADJUSTED

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	<u>1016573</u>	Cluster, Brake, Passenger-Side, without Brake Drum (includes items 1 - 14)	1
	<u>1016557</u>	Cluster, Brake, Driver-Side, without Brake Drum (includes items 1 - 14)	1
1	<u>1011154</u>	Plate, Backing, Passenger-Side	1
1	<u>1011494</u>	Plate, Backing, Driver-Side	1
2	<u>1011465</u>	Kit, Brake Actuator	1
3	<u>1011467</u>	Kit, Anchor Body (includes items 4 - 9)	1
4	<u>1011114</u>	Nut, M6 x 1	2
5	<u>451</u>	Washer, Lock, 1/4	2
6	N/A	Piston, Anchor	2
7	N/A	Bolt, Adjustment	1
8	N/A	Body, Anchor	1
9	<u>1011303</u>	Cap, Adjustment Bolt	1
10	<u>101146302</u>	Package, Brake Shoe (four pieces)	1
11	<u>1011466</u>	Kit, Shoe Retainer (four pieces)	1
12	<u>1011464</u>	Package, Brake Spring (four pieces)	1
13	N/A	Arm, Brake Lever	1
14	<u>1010850</u>	Cover, Dust	1
15	<u>101874601</u>	Kit, Brake Cable, Front (includes items 16, 17 and 18)	2
16	<u>1010829</u>	Pin, Clevis, 5/16	2
17	<u>1035</u>	Pin, Cotter, 3/32 x 1	2
18	<u>1011779</u>	E-Clip, 1/2	2
19	<u>101872701</u>	Nut, Hex, 5/16-24	8
20	<u>7174</u>	Washer, Lock, 5/16 x 24	8
21	<u>101869001</u>	Washer, Cone, 5/16	8
22	<u>1017232</u>	Screw, Hex-Head Cap, 5/16-24 x 1	8
23	<u>1011137</u>	Drum, Brake	2
24	<u>1014153</u>	Nut, Cone Lock, Grade 8, 5/16-24	8
25	<u>1013924</u>	Bolt, Brake Cluster Mounting, Grade 8, 5/16-24 x 7/8	8
		Note: See page 5-11 for front brake cable clamp and bracket.	

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ACCELERATOR PEDAL ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1017696</u>	Sub-Assembly, Accelerator Pedal (includes items 2 and 3)	1
2	<u>1013871</u>	Pad, Accelerator Pedal	1
3	<u>7716</u>	Screw, Slotted Hex Washer-Head, #10-16 x 1/2	4
4	<u>1624</u>	Screw, Hex Cap, 3/8-16 x 1-1/2	1
5	<u>334</u>	Washer, Flat, 3/8	2
6	<u>102026001</u>	Kit, Accelerator Pivot Rod (includes Item 7)	1
7	<u>1011700</u>	Spacer	1
8	<u>101862001</u>	Screw, Hex-Head Cap, 1/4-20 x 1-3/8	1
9	<u>1017424</u>	Bearing, Pivot Support	1
10	<u>101966901</u>	Nut, Flange, 1/4-28	1
11	<u>101817401</u>	Retainer, Spring	1
12	<u>101796201</u>	Spring, Return	1
13	<u>1017378</u>	Cup, Spring	1
14	<u>1017380</u>	Bumper, Return Spring	1
15	<u>1241</u>	Washer, Flat, 5/16	1
16	<u>7473</u>	Nut, Nylon Lock, 5/16-18	1
17	<u>8754</u>	Nut, Nylon Lock, 3/8-16	2
18	<u>8233</u>	Nut, Nylon Lock, 1/4-20	4
19	<u>1014007</u>	Washer, Flat, Type B, 1/4	4
20	<u>1011694</u>	Support, Accelerator Pivot Rod	2
21	<u>101861901</u>	Screw, Hex Cap, 1/4-20 x 1-1/8	4
		Kit, Park Brake (includes item 22, and items 21-25 on page 4-5)	1
22	N/A	Ratchet, Park Brake	1

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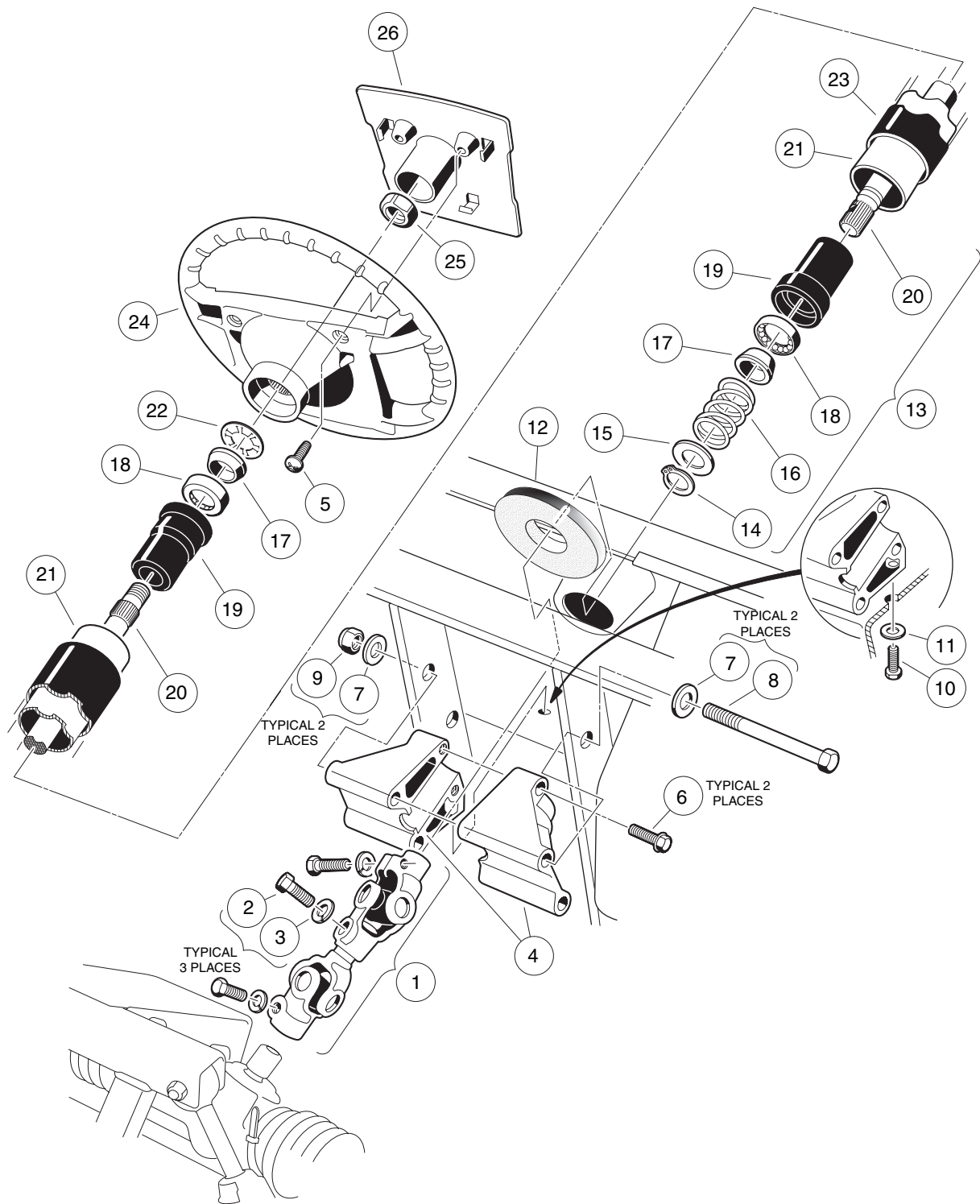
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STEERING, FRONT AND REAR SUSPENSION

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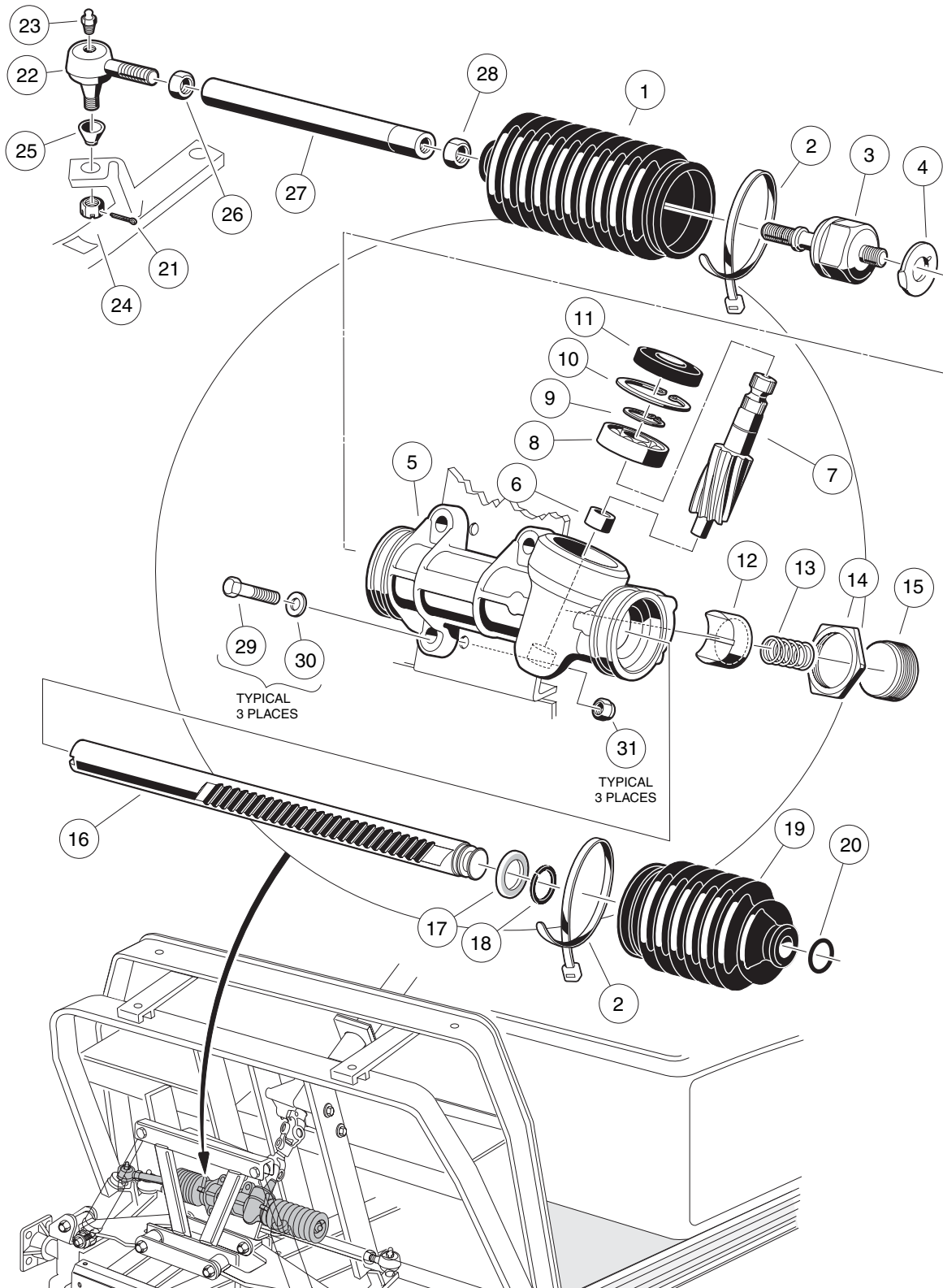


STEERING COLUMN

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1013861</u>	Joint, Compound Steering (includes items 2 and 3)	1
2	<u>1017226</u>	Screw, Hex-Head Cap, M8 x 1.25 x 30 mm	3
3	<u>7174</u>	Washer, Lock, 5/16	3
4	101984801	Kit, Steering Column Mounting Bracket	1
5	<u>1016663</u>	Screw, Phillips, Type A, #12-11 x 5/8	2
6	<u>1016269</u>	Screw, Hex Washer-Head Thread-Forming, 5/16-18 x 2	2
7	<u>334</u>	Washer, Flat, 3/8	4
8	<u>1016183</u>	Screw, Hex-Head Cap, 3/8-16 x 7	2
9	<u>8754</u>	Nut, Nylon Lock, 3/8-16	2
10	<u>1014288</u>	Screw, Hex Washer-Head Thread-Forming, 5/16-18 x 3/4	1
11	<u>1011697</u>	Washer, Flat, 5/16	1
12	<u>102278001</u>	Boot, Steering Column	1
13	1016181	Assembly, Steering Column (includes items 14 - 22)	1
14	<u>1012605</u>	Ring, Retaining	1
15	<u>1012604</u>	Washer, Steel, 5/8	1
16	<u>1014217</u>	Spring, Compression	1
17	1014125	Wedge	2
18	<u>1014213</u>	Assembly, Bearing	2
19	<u>1014126</u>	Seat, Bearing	2
20	<u>1015545</u>	Shaft, Steering Column	1
21	1016622	Column, Aluminum Steering	1
22	1014214	Ring, Retaining	1
23	1016263	Cover, Steering Column	1
24	<u>1016156</u>	Wheel, Steering	1
25	<u>1017273</u>	Nut, Nylon Lock, 5/8-18	1
26	101615502	Plate, Scorecard	1
	<u>1014216</u>	Kit, Steering Column Rebuild (not shown)	A/R

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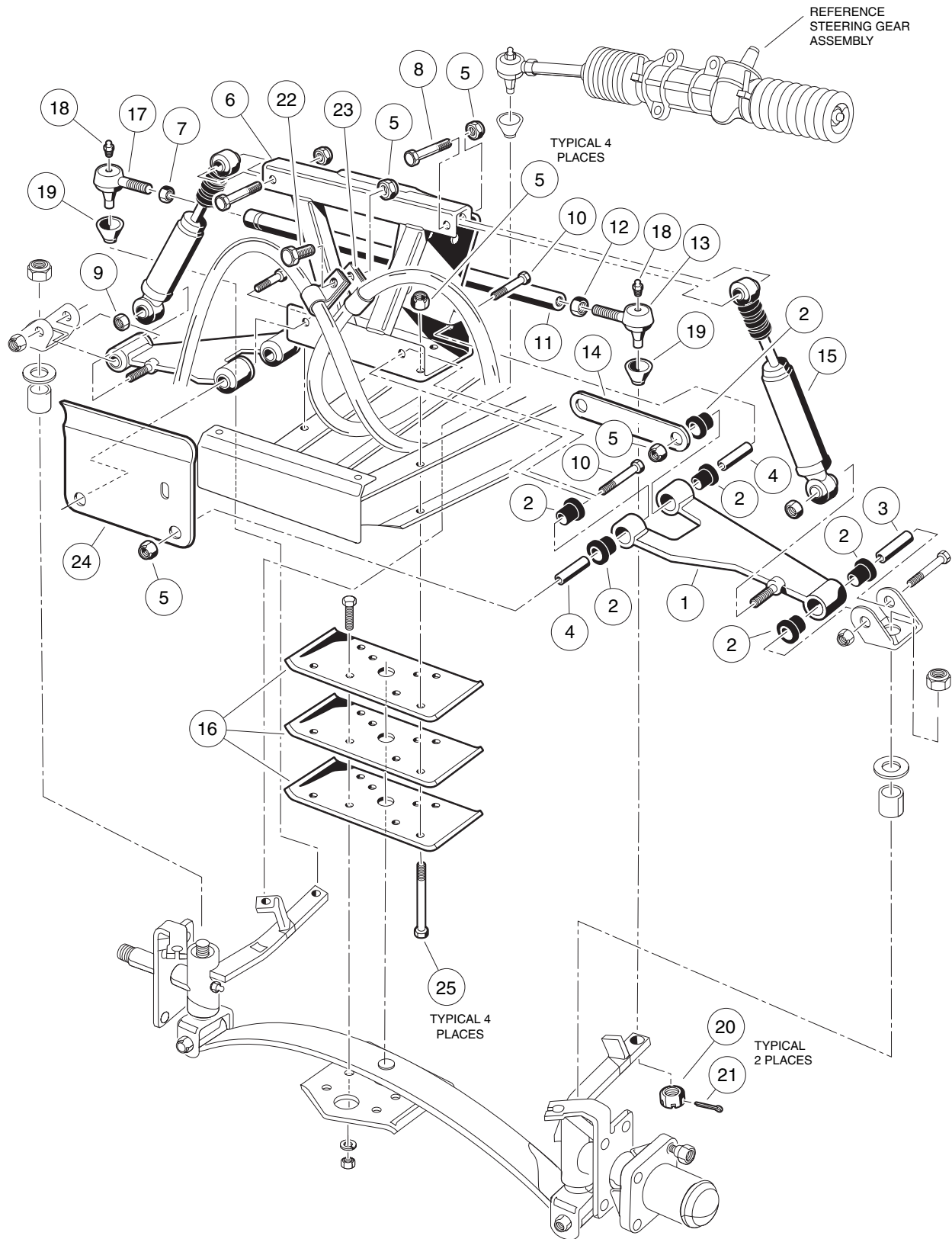


STEERING GEAR ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	<u>101878302</u>	Assembly, Steering Gear Box (includes items 1 - 20)	1
1	<u>1013035</u>	Seal, Dust, Passenger-Side	1
2	<u>8990</u>	Tie, Wire	2
3	<u>101880201</u>	Assembly, Inner Ball Joint	1
4	<u>101880301</u>	Washer, Tab	1
5	N/A	Box, Steering Gear	1
6	N/A	Bearing, Lower Pinion	1
7	N/A	Pinion, Steering	1
8	<u>101879401</u>	Bearing, Upper Pinion	1
9	<u>101879901</u>	Ring, C-Type Stop	1
10	<u>1013051</u>	Ring, Snap	1
11	<u>1013052</u>	Seal, Dust, Steering Pinion	1
12	<u>101879701</u>	Guide, Steering Rack	1
13	<u>101879801</u>	Spring, Yoke	1
14	<u>1013044</u>	Nut, Lock, Rack Screw	1
15	N/A	Screw, Rack Guide	1
16	N/A	Rack, Steering	1
17	<u>101879501</u>	Washer, Stop	1
18	<u>101879601</u>	Ring, C-Type Stop	1
19	<u>101880001</u>	Seal, Dust, Driver-Side	1
20	<u>101880101</u>	Ring, Retaining	1
21	<u>1035</u>	Pin, Cotter, 3/32 x 1	1
22	<u>7540</u>	Ball Joint, Left-Hand Thread (includes items 23, 24 and 25)	1
23	<u>1015597</u>	Fitting, Thread-Forming Grease, 1/4-28	1
24	<u>7602</u>	Nut, Hex Slotted, 3/8-24	1
25	<u>1011930</u>	Boot, Dust	1
26	<u>7555</u>	Nut, Hex, Left-Hand Thread, 1/2-20	1
27	<u>1012467</u>	Link, Rack and Pinion Drag	1
28	<u>1013042</u>	Nut, Hex, M12 x 1.75	1
29	<u>1624</u>	Screw, Hex-Head Cap, 3/8-16 x 1-1/2	3
30	<u>334</u>	Washer, Flat, 3/8	3
31	<u>8754</u>	Nut, Nylon Lock, 3/8-16	3

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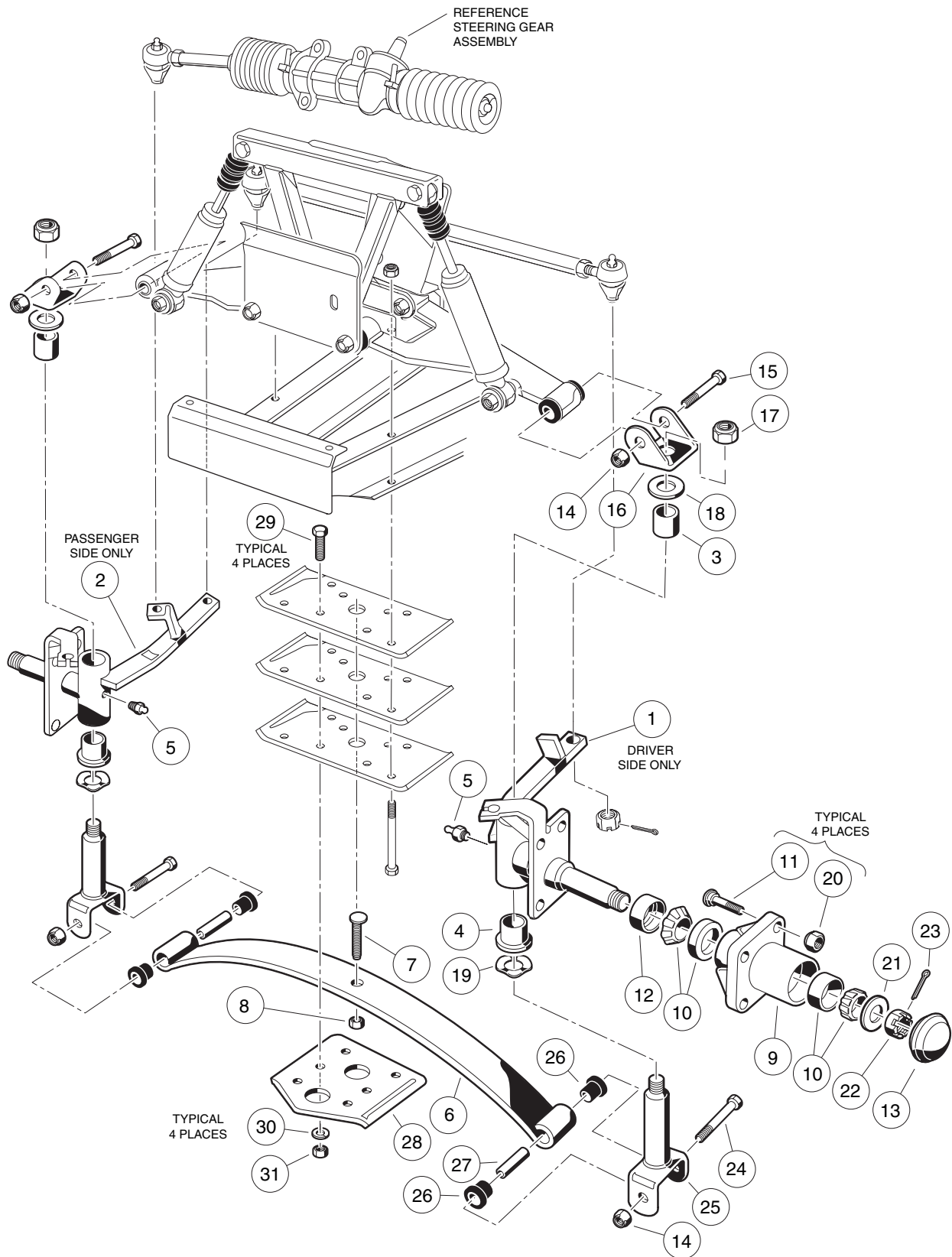


FRONT SUSPENSION, UPPER

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1016353</u>	Assembly, Delta A-Plate (includes items 2, 3 and 4)	2
2	<u>1016346</u>	Bushing, Urethane	6
3	<u>1016350</u>	Sleeve, Delta Outer	1
4	<u>1016349</u>	Sleeve, Delta Inner	2
5	<u>8754</u>	Nut, Nylon Lock, 3/8-16	11
6	<u>1016385</u>	Assembly, Delta Shock and Gear Support	1
7	<u>1308</u>	Nut, Hex, 1/2-20	1
8	<u>8861</u>	Screw, Hex-Head Cap, 3/8-16 x 2-3/4	2
9	<u>1010138</u>	Nut, Dimpled Lock, 3/8-16	2
10	<u>2402</u>	Screw, Hex-Head Cap, 3/8-16 x 2-1/4	4
11	<u>1010219</u>	Rod, Tie	1
12	<u>7555</u>	Nut, Hex, Left-Hand Thread, 1/2-20	1
13	<u>7540</u>	Ball Joint, Left-Hand Thread (includes items 18, 19 and 20)	1
14	<u>1017266</u>	Strap, A-Plate	1
15	<u>101870601</u>	Shock Absorber, Front	2
16	<u>1010124</u>	Plate, Spring Mounting	3
17	<u>7539</u>	Ball Joint (includes items 18, 19 and 20)	1
18	<u>1015597</u>	Fitting, Thread-Forming Grease, 1/4-28	1
19	<u>1011930</u>	Seal, Dust	1
20	<u>7602</u>	Nut, Slotted Hex, 3/8-24	1
21	<u>1035</u>	Pin, Cotter, 3/32 x 1	2
22	<u>320</u>	Screw, Hex-Head Cap, 3/8-16 x 1	1
23	<u>101935301</u>	Clamp, Brake Cable (part of brake cable assembly)	2
24	<u>101955001</u>	Bracket, Brake Cable Guide	1
25	<u>101870501</u>	Screw, Hex-Head Cap, 3/8-16 x 4-3/4	4

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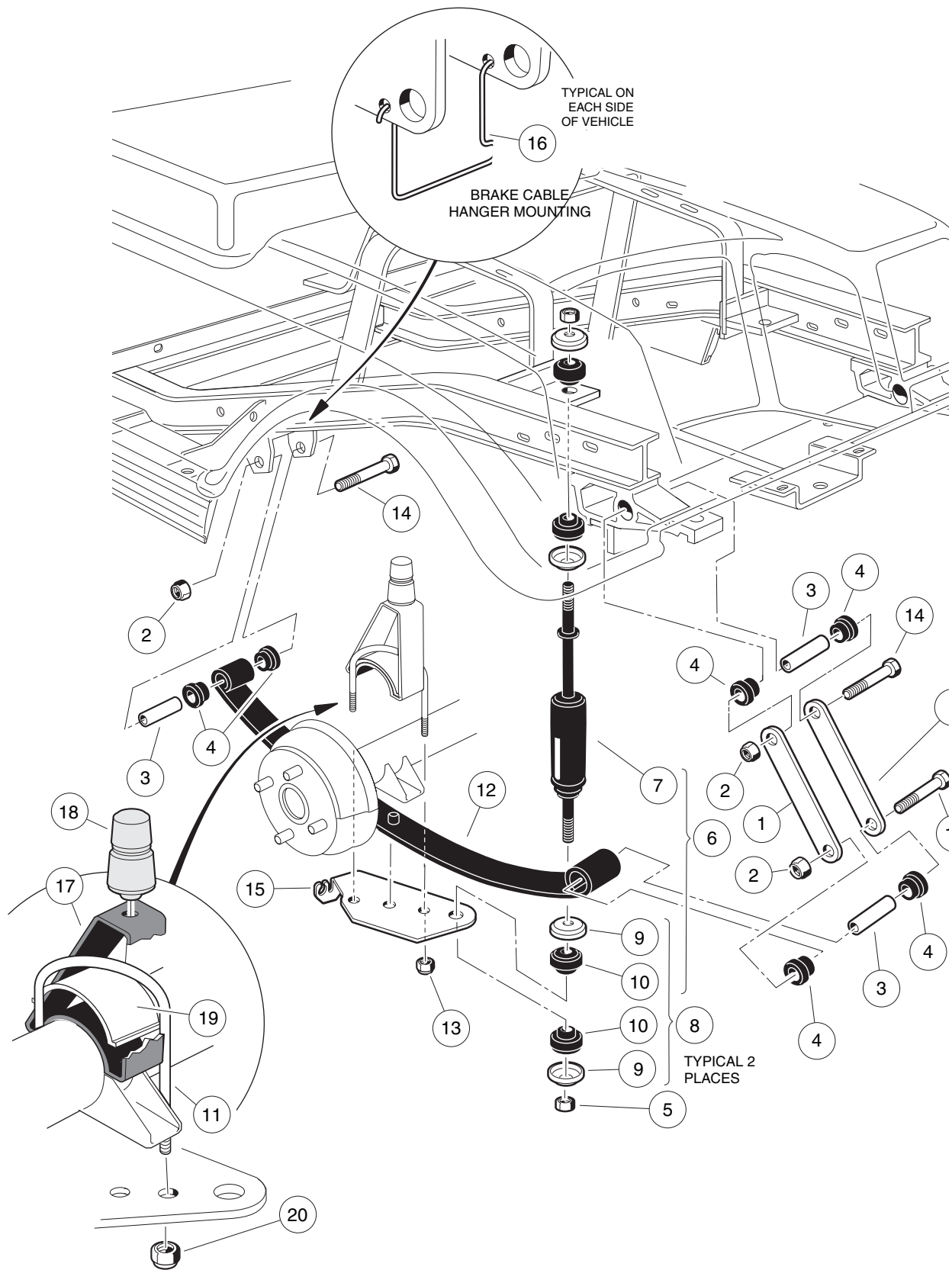


FRONT SUSPENSION, LOWER

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	101876901	Assembly, Spindle, Driver-Side (includes items 3, 4 and 5)	1
2	<u>101877001</u>	Assembly, Spindle, Passenger-Side (includes items 3, 4 and 5)	1
3	<u>8067</u>	Bushing, Bronze Spindle	1
4	<u>7048</u>	Bushing, Bronze	1
5	<u>1015597</u>	Fitting, Grease, 1/4-28	1
6	<u>1012030</u>	Spring, Tapered Leaf	1
7	<u>8745</u>	Eccentric Adjustment	1
8	<u>706</u>	Nut, Hex, 3/8-16	1
9	<u>1011892</u>	Assembly, Hub (includes items 10 - 13)	2
10	<u>1011393</u>	Package, Hub Bearing	2
11	<u>1011304</u>	Stud, Lug, 1/2-20	4
12	<u>1013135</u>	Seal, Double Lip	1
13	<u>1011887</u>	Cover, Dust	1
14	<u>8754</u>	Nut, Nylon Lock, 3/8-16	4
15	<u>1016387</u>	Screw, Hex-Head Cap, 3/8-16 x 2-3/4	2
16	<u>1016384</u>	Clevis, Upper Delta	2
17	<u>101903101</u>	Nut, Nylon Lock, 1/2-20	2
18	<u>1010150</u>	Bearing, Thrust	2
19	<u>1016389</u>	Washer, Kingpin Wave	2
20	<u>1010984</u>	Nut, Lug	8
21	<u>1010005</u>	Washer, Flat, 3/4	2
22	<u>7840</u>	Nut, Hex Slotted, 3/4-16	2
23	<u>7910</u>	Pin, Cotter, 5/32 x 1	2
24	<u>8755</u>	Screw, Hex-Head Cap, 3/8-16 x 3-3/8	2
25	<u>1016386</u>	Kingpin	2
26	<u>1015583</u>	Bushing, Urethane	4
27	<u>1012303</u>	Bushing, Steel	2
28	<u>1014276</u>	Plate, Front Spring Retainer	1
29	<u>1010177</u>	Screw, Hex-Head Cap, 3/8-16 x 2	4
30	<u>357</u>	Washer, Lock, 3/8	4
31	<u>706</u>	Nut, Hex, 3/8-16	4

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REAR SUSPENSION

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>7569</u>	Shackle, Rear Spring	4
2	<u>8754</u>	Nut, Nylon Lock, 3/8-16	6
3	<u>1012303</u>	Bushing, Steel	6
4	<u>1015583</u>	Bushing, Urethane	12
5	<u>1010145</u>	Nut, UNF Hex, 3/8-24	4
6	<u>1013164</u>	Kit, Shock Absorber (includes items 7, 9, and 10)	1
7	<u>1014236</u>	Shock Absorber, Rear	2
8	<u>1011415</u>	Kit, Shock Absorber Cushion (includes 2 each of items 9 and 10)	4
9	N/A	Retainer, Shock Absorber Cushion	8
10	N/A	Cushion, Shock Absorber	8
11	<u>1014902</u>	U-Bolt	2
12	<u>1010974</u>	Spring, Rear Leaf	2
13	<u>1014555</u>	Nut, Nylon Lock, 7/16-24	4
14	<u>8755</u>	Screw, Hex-Head Cap, 3/8-16 x 3-3/8	6
15	<u>1012182</u>	Pad, Spring, Driver-Side	1
15	<u>1012181</u>	Pad, Spring, Passenger-Side	1
16	<u>1013207</u>	Hanger, Brake Cable	2
17	<u>101454902</u>	Mount, Angled Bumper	2
18	<u>1017235</u>	Bumper, Jounce	2
19	<u>1014901</u>	Spacer, Overload Bumper	2
20	<u>1014555</u>	Nut, Nylon Lock, 7/16-24	4

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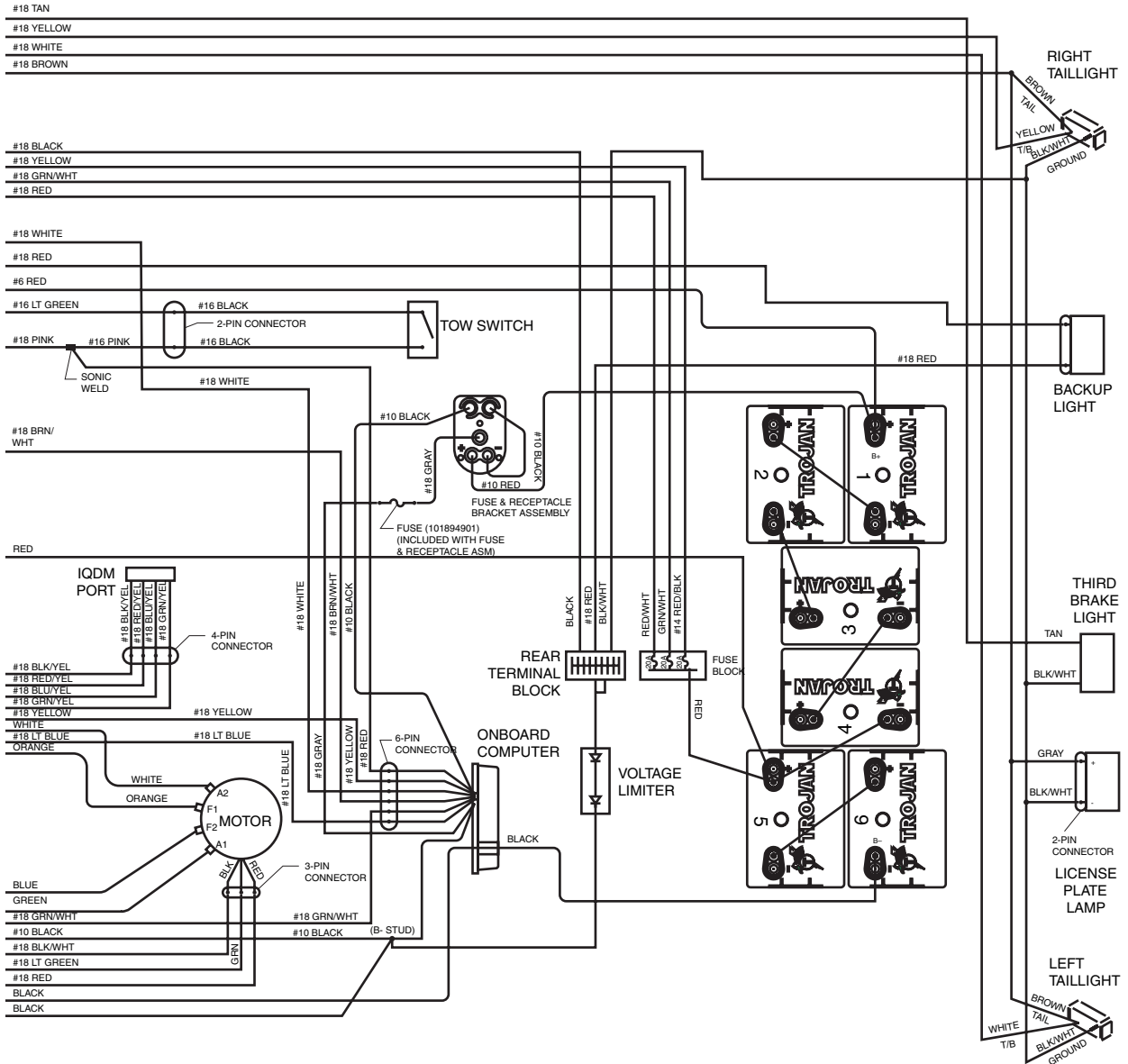
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ELECTRICAL SYSTEM – ELECTRIC VEHICLE

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(PIN 13) BLK/WHT : TO LOW SIDE OF MOTOR SPEED SENSOR
 (PIN 14) LT GREEN: TO MOTOR SPEED SENSOR OUTPUT
 (PIN 15) RED: TO HIGH SIDE OF MOTOR SPEED SENSOR
 (PIN 16) BLUE: TO FNR SWITCH "REVERSE"

(PIN 8) BROWN: TO FNR SWITCH "FORWARD"
 (PIN 7) ORG/WHT: TO LOW SIDE OF REVERSE BUZZER
 (PIN 6) GREEN: TO ACCELERATOR LIMIT SWITCH
 (PIN 5) LT BLUE : TO OBC "CONTROLLER LOCKOUT"

(PIN 12) BLU/WHT : TO LOW SIDE OF SOLENOID COIL
 (PIN 11) : OPEN
 (PIN 10) TAN: TO KEY SWITCH SONIC WELD
 (PIN 9) GRAY: AUX

(PIN 1) WHITE : TO HIGH SIDE OF POTENTIOMETER
 (PIN 2) YELLOW : TO SLIDER OF POTENTIOMETER
 (PIN 3) PUR/WHT : TO LOW SIDE OF POTENTIOMETER
 (PIN 4) GRN/WHT : TO S.O.C.

16-PIN CONNECTOR

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See previous two pages for wiring diagram.

WIRING – IQ-P: CA, MA, AND VT MODELS

ITEM	PART NO.	DESCRIPTION	QTY
1	<u>102311402</u>	1 2 3 4 Wire Harness, IQ-P (CA, MA, and VT Model)	1

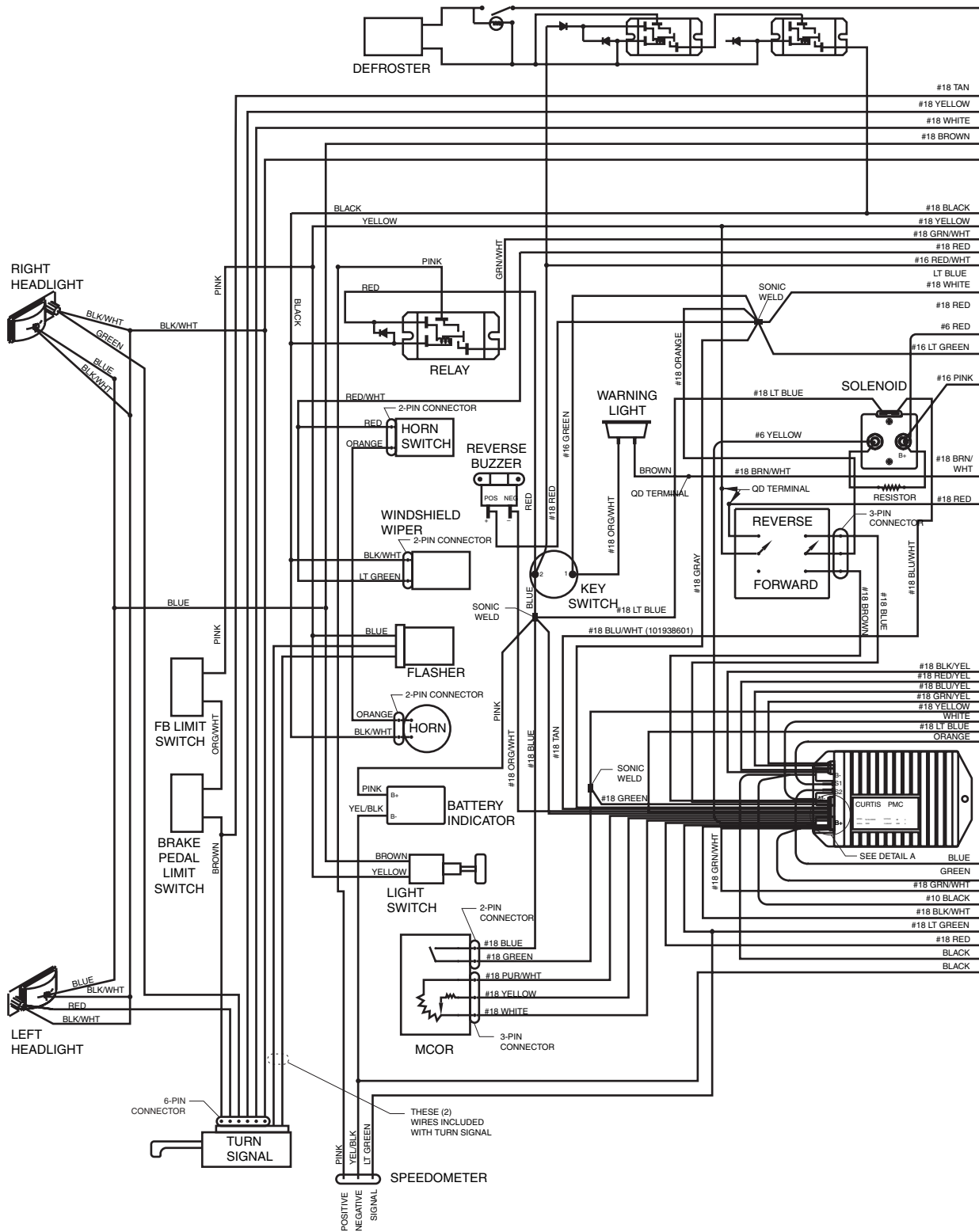
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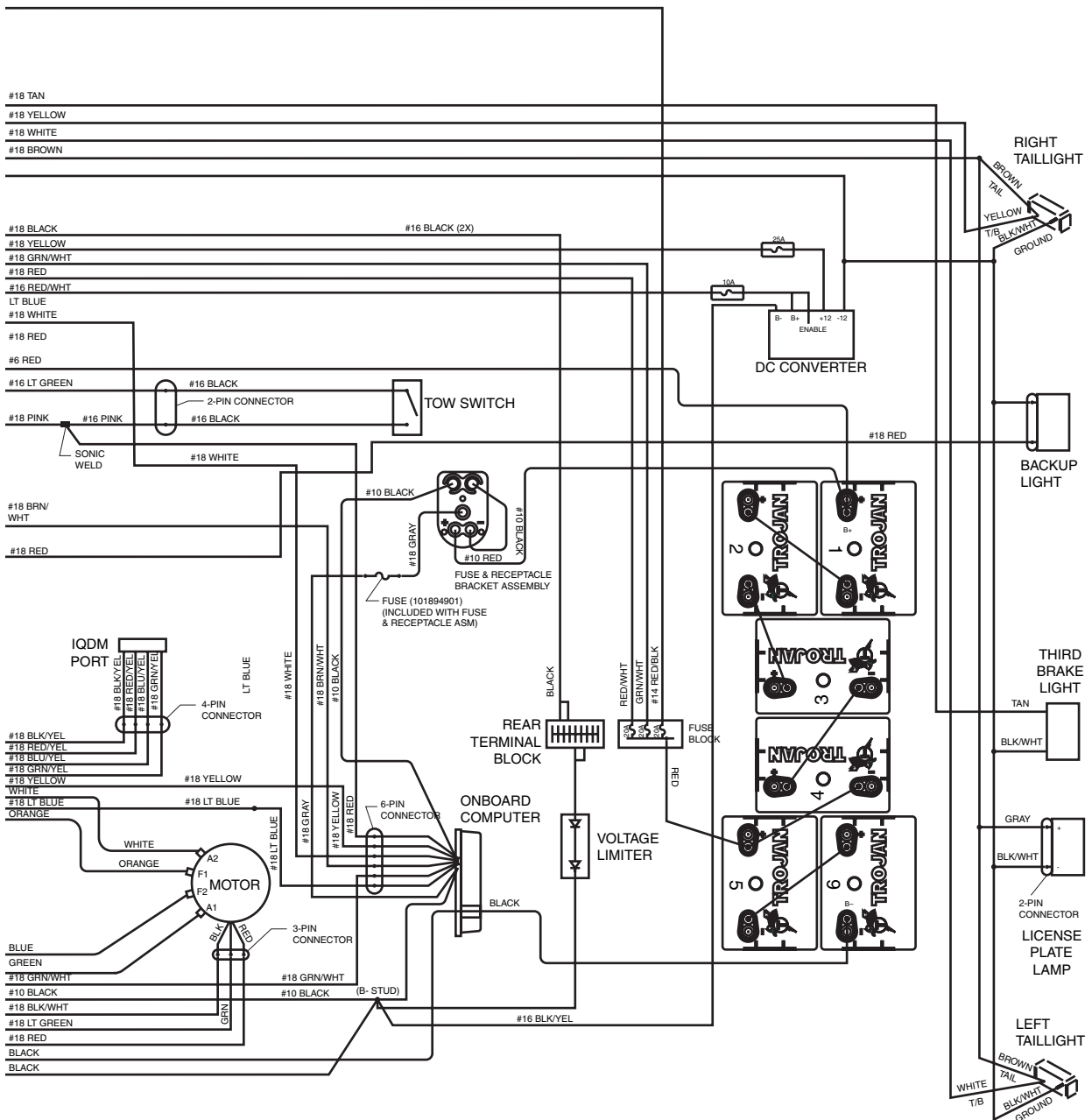
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WIRING – IQ-P: NEW YORK MODELS





(PIN 13) BLK/WHT : TO LOW SIDE OF MOTOR SPEED SENSOR
 (PIN 14) LT GREEN: TO MOTOR SPEED SENSOR OUTPUT
 (PIN 15) RED: TO HIGH SIDE OF MOTOR SPEED SENSOR
 (PIN 16) BLUE: TO FNR SWITCH "REVERSE"

(PIN 8) BROWN: TO FNR SWITCH "FORWARD"
 (PIN 7) ORG/WHT: TO LOW SIDE OF REVERSE BUZZER
 (PIN 6) GREEN: TO ACCELERATOR LIMIT SWITCH
 (PIN 5) LT BLUE : TO OBC "CONTROLLER LOCKOUT"

(PIN 12) BLU/WHT : TO LOW SIDE OF SOLENOID COIL
 (PIN 11) : OPEN
 (PIN 10) TAN: TO KEY SWITCH SONIC WELD
 (PIN 9) GRAY: AUX

(PIN 1) WHITE : TO HIGH SIDE OF POTENTIOMETER
 (PIN 2) YELLOW : TO SLIDER OF POTENTIOMETER
 (PIN 3) PUR/WHT : TO LOW SIDE OF POTENTIOMETER
 (PIN 4) GRN/WHT : TO S.O.C.

16-PIN CONNECTOR

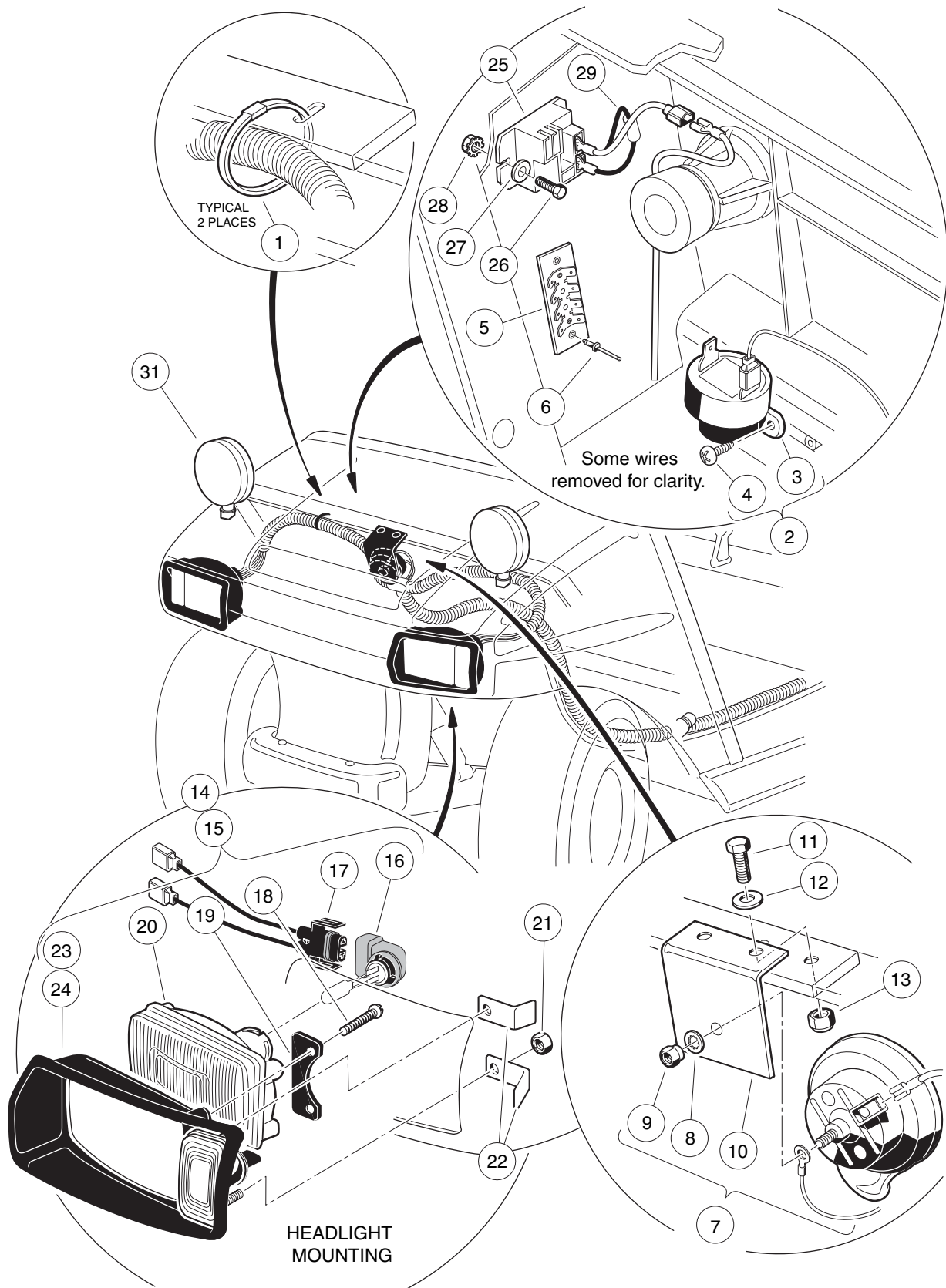
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See previous two pages for wiring diagram.

WIRING – IQ-P: NEW YORK MODELS

ITEM	PART NO.	DESCRIPTION	QTY	6
1	<u>102343701</u>	1 2 3 4 Wire Harness, IQ-P (NY Model)	1	E

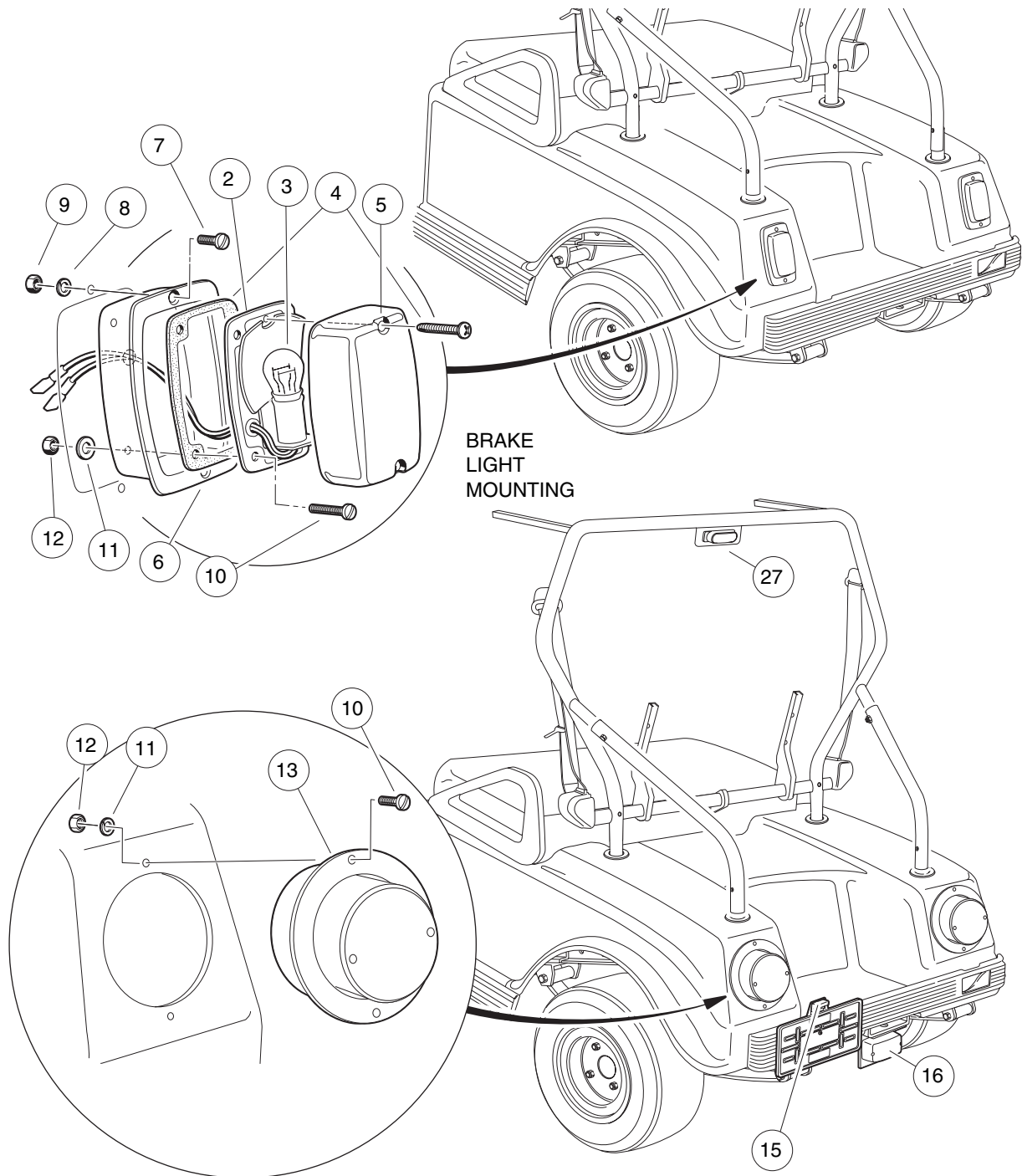


ELECTRICAL COMPONENTS, FRONT BODY

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>8639</u>	Tie, Wire	2
2	<u>1016859</u>	Kit, Reverse Buzzer (includes items 3 and 4)	1
3	<u>1016851</u>	Buzzer, Reverse	1
4	<u>1016849</u>	Screw, Pan-Head Hi-Lo, #4-24 x 5/16	2
5	<u>1016356</u>	Block, Terminal	1
6	<u>1013357</u>	Rivet, Aluminum Pop, 5/32 x 3/8	2
7	<u>4029</u>	Assembly, Horn (includes items 8, 9 and 10)	1
8	<u>7820</u>	Washer, Internal Tooth, 5/16	1
9	<u>101955101</u>	Nut, M6 x 1.25	1
10	<u>1011825</u>	Bracket, Horn	1
11	<u>304</u>	Screw, Hex-Head Cap, 1/4-20 x 1	2
12	<u>332</u>	Washer, Flat, 1/4	2
13	<u>8233</u>	Nut, Nylon Lock, 1/4-20	2
14	<u>101988001</u>	Assembly, Headlight, Driver-Side (includes items 16-23)	1
15	<u>101988002</u>	Assembly, Headlight, Passenger-Side (includes items 16-22 and 24)	1
16	<u>101988101</u>	Bulb, Halogen	1
17	<u>101987901</u>	Harness, Headlight Wire	1
18	<u>1013461</u>	Screw, Hi-Lo, #10-16	2
19	<u>1017065</u>	Retainer, Headlight	1
20	<u>101988201</u>	Lens, Headlight	1
21	<u>1022006</u>	Nut, Hex, #10-32	2
22	<u>1017064</u>	Bracket, Mounting	2
23	<u>1016880</u>	Bezel, Headlight, Driver-Side	1
24	<u>1016879</u>	Bezel, Headlight, Passenger-Side	1
25	<u>101828601</u>	Relay, Brake Light, 48-volt (includes items 26-28)	1
26	<u>1017853</u>	Bolt, Hex-Head Machine, 6-32 x 3/4	2
27	<u>7591</u>	Washer, Flat,	2
28	<u>1011229</u>	Nut, Lock, Hex, 6-32	2
29	<u>101914401</u>	Assembly, Voltage Suppressor	1
30	<u>102346901</u>	Light, Turn signal (NY Vehicles Only) (Includes Item 35)*	2
31	<u>102353801</u>	Bulb (Not Shown) (NY Vehicles only)	1
32	<u>102347001</u>	Spacer, Turn Signal, Angled (Not Shown) (NY Vehicles only)	4
33	<u>102348301</u>	Wire Assembly, Turn Signal Jumper (Not Shown) (NY Vehicles only)	2
34	<u>8613</u>	Nut, 1/2-20 Hex-Head Jam (Not Shown) (NY Vehicles only)	4
35	<u>209</u>	Washer, Lock, 1/2-Inch Split (Not Shown) (NY Vehicles only)	2
*Item 30 requires mounting hardware (items 31-35).			

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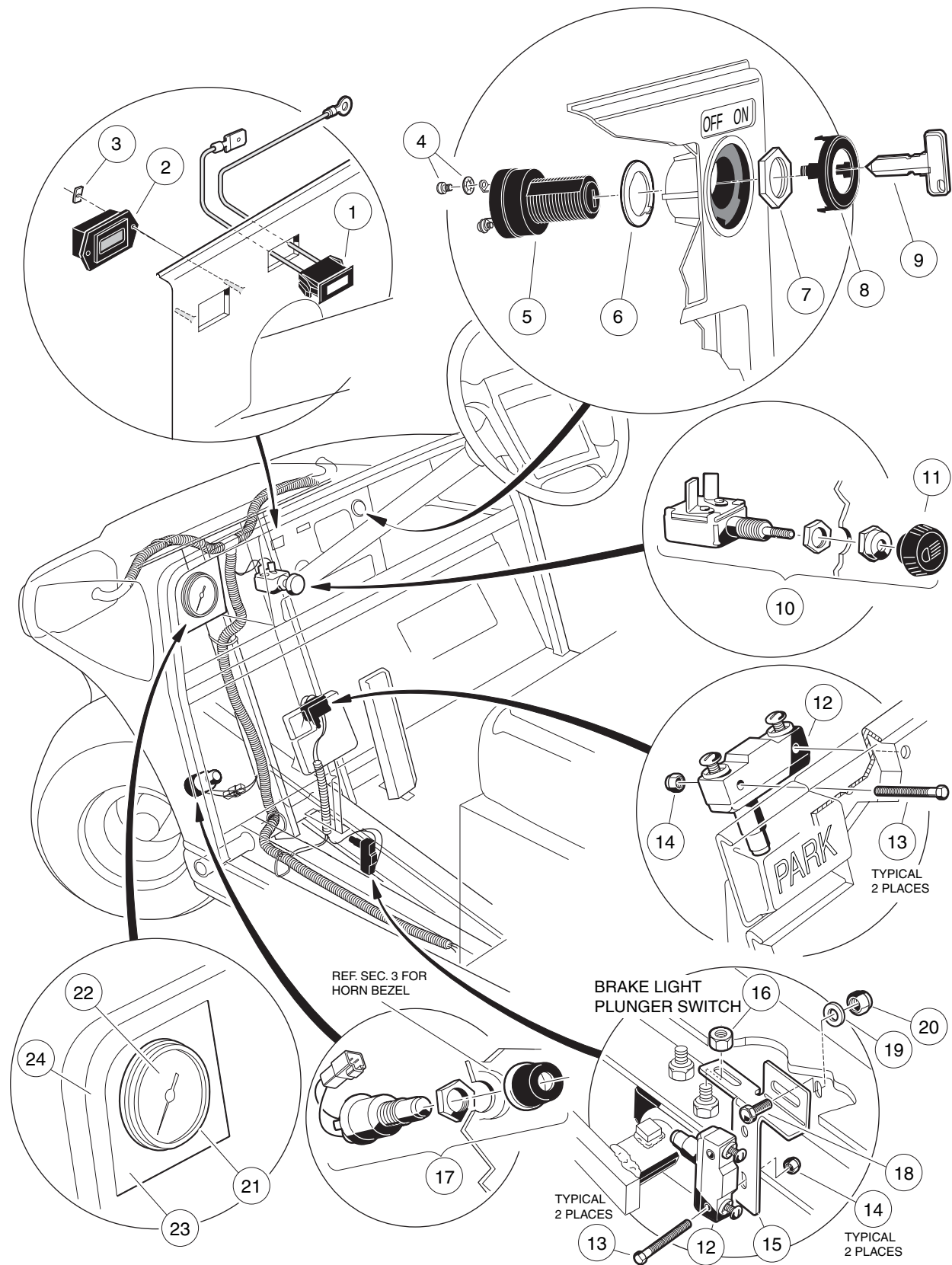


ELECTRICAL COMPONENTS, REAR BODY

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1017035	Assembly, Taillight (Rectangular) (Includes Items 2-5)*	2
2	N/A	Base, Taillight	1
3	<u>1011582</u>	Bulb	1
4	<u>1017699</u>	Kit, Hardware	1
5	<u>1011843</u>	Lens	1
6	<u>1011497</u>	Bezel, Taillight	2
7	<u>1011498</u>	Screw, Machine, #8-32 x 1/2	4
8	<u>1011610</u>	Washer, Lock, #8	4
9	<u>1011571</u>	Nut, Hex, #8-32	4
10	<u>1011557</u>	Screw, Machine, #6-32 x 1	4
11	<u>7591</u>	Washer, Flat, #6	4
12	<u>1011558</u>	Nut, Hex, #6	6
13	<u>102347101</u>	Assembly, Taillight (Round) (Includes Item 14)*	2
14	<u>1011582</u>	Bulb (Not Shown)	1
15	102351001	Bulb, License Plate	1
16	102340401	Kit, Back-Up Light (CA, MA, and VT Vehicles Only) (Includes Items 17-26)	1
17	<u>102340601</u>	Light, Back-Up (NY and CA vehicles) (Includes Items 18-23)	1
18	102353701	Bulb (Not Shown)	1
19	102341201	Bracket, Back-Up Light (Not Shown)	1
20	<u>7591</u>	Washer, #6 Flat (Not Shown)	2
21	<u>1011558</u>	Nut, #6 Hex (Not Shown)	2
22	<u>1017853</u>	Screw, #6-32 x 3/4-Inch Hex-Head (Not Shown)	2
23	101824101	Tie, Wire (Not Shown)	1
24	<u>8990</u>	Tie, Wire (Not Shown) (CA, MA, and VT vehicles only)	2
25	<u>101856101</u>	Screw, Hex Washer-Head Hi-Lo, 1/4-15 x 1/2 inch (Not Shown) (CA and NY Veh.)	2
26	102340701	Harness, Back-Up Light (Not Shown) (CA, MA, and VT Vehicles Only)	1
27	<u>102313701</u>	Lamp, Brake, Center**	1
* Vehicles with serial number NQ0399-250010 and lower use rectangular taillights. Vehicles with serial numbers higher than NQ0399-250010 use round taillights. ** Center brake lamp assembly is a sealed unit. In the event of bulb failure the entire lamp assembly must be replaced.			

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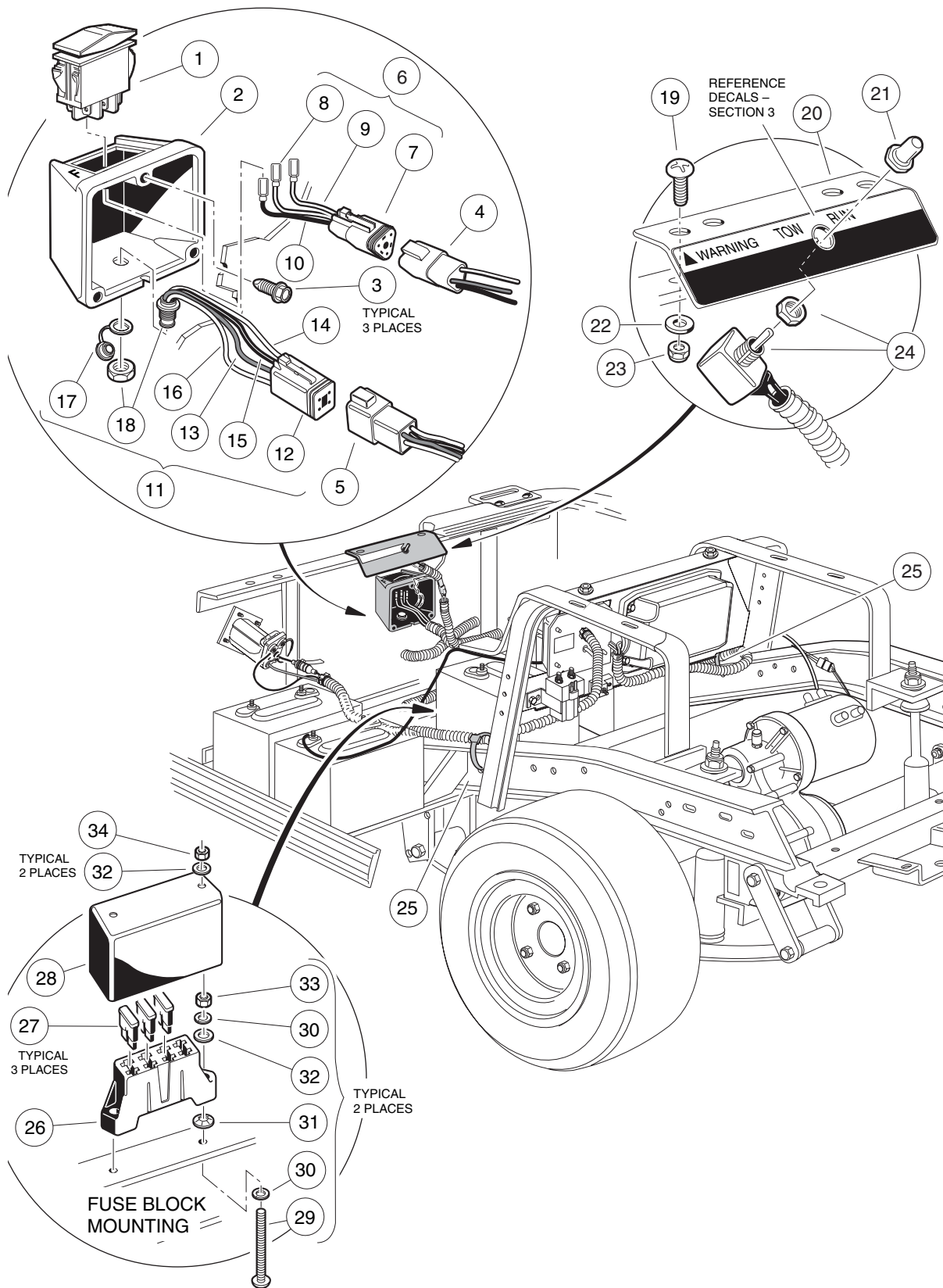


CONTROLS AND INDICATORS

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>101935501</u>	Light, Battery Warning (Amber)	1
2	<u>101814201</u>	Indicator, Battery	1
3	<u>101814701</u>	Retainer, Push On	2
4	<u>101830601</u>	Assembly, Screw and Washer	2
5	<u>101826201</u>	Switch, Key	1
6	<u>101851101</u>	Washer	1
7	<u>101830701</u>	Nut, Key Switch	1
8	<u>101834502</u>	Cap, Key Switch	1
9	<u>1012505</u>	Key (Pair)	1
10	<u>102051901</u>	Switch, Light (includes item 11)	1
11	<u>1013857</u>	Knob, Light Switch	1
12	<u>1011439</u>	Switch, Limit	2
13	<u>1011557</u>	Screw, Hex-Head Machine, #6-32 x 1	4
14	<u>101932201</u>	Nut, Nylon Lock, #6-32	4
15	<u>101957101</u>	Bracket, Brake Light Switch	1
16	<u>1011280</u>	Nut, Lock, 5/16-18	1
17	<u>101969701</u>	Button, Horn	1
18	<u>7173</u>	Bolt, Hex-Head, Cap, 5/16-18 x 3/4	1
19	<u>1241</u>	Washer, Flat, 5/16-18	1
20	<u>7473</u>	Nut, Nylon Lock, 5/16-18	1
21	<u>102344101</u>	Speedometer and Bracket Assembly (NY Vehicles Only) (includes item 5)	1
22	<u>102351101</u>	Bulb, Speedometer	1
23	N/A	Bracket, Speedometer (NY Vehicles Only)	1
24	<u>1017724</u>	Rivet, Plastic	4

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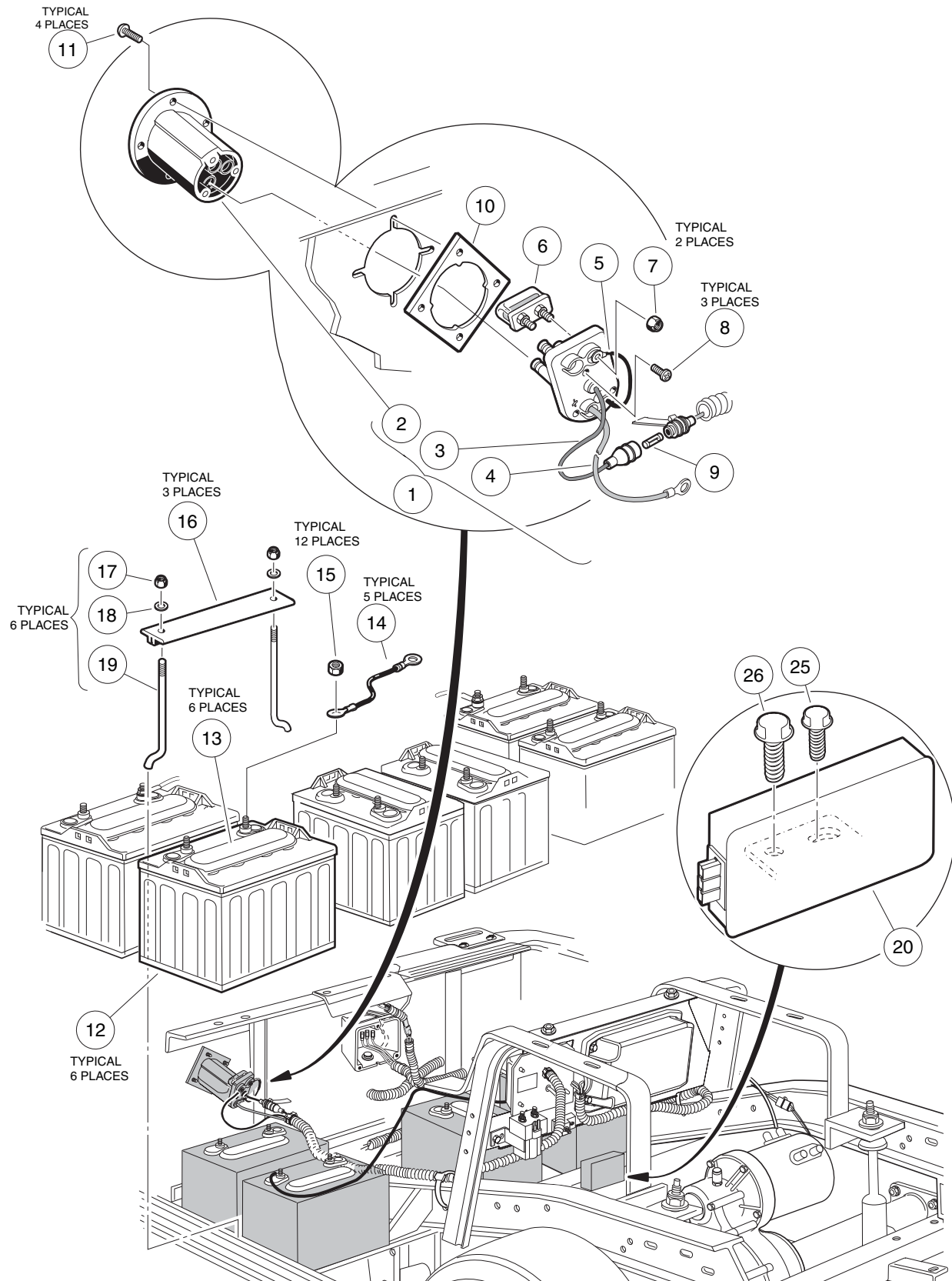


FORWARD/REVERSE SWITCH, TOW/RUN SWITCH – IQ SYSTEM VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>101856001</u>	Switch, Forward/Reverse	1
2	<u>101855002</u>	Case, Forward/Reverse Switch	1
3	<u>101856101</u>	Screw, Hi-Lo Hex-Head, 1/4-15 x 1/2	3
4	<u>101942301</u>	Kit, 3-Pin Receptacle and Wedge Lock	1
5	<u>101932401</u>	Kit, 4-Pin Receptacle and Wedge Lock	1
6	<u>102266601</u>	Wire Assembly, Forward/Reverse Switch (includes items 7-10)	1
7	<u>101920101</u>	Kit, 3-Pin Plug and Wedge Lock	1
8	N/A	Wire Assembly, #18 Blue	1
9	N/A	Wire Assembly, #18 Orange	1
10	N/A	Wire Assembly, #18 Brown	1
11	<u>102266701</u>	Wire Assembly, IQDM Port (includes items 12-18)	1
12	<u>101932501</u>	Kit, 4-Pin Plug and Wedge Lock	1
13	N/A	Wire Assembly, #18 Red/Yellow	1
14	N/A	Wire Assembly, #18 Black/Yellow	1
15	N/A	Wire Assembly, #18 Blue/Yellow	1
16	N/A	Wire Assembly, #18 Green/Yellow	1
17	N/A	Cap, Dust	1
18	N/A	Connector, 4-Pin	1
19	<u>8248</u>	Screw, Truss Phillips Machine, 1/4-20 x 3/4	2
20	<u>101922501</u>	Bracket, Tow/Run Switch (without decal)	1
21	<u>101908401</u>	Boot, Tow/Run Switch (with nut)	1
22	<u>332</u>	Washer, Flat, 1/4	2
23	<u>8233</u>	Nut, Nylon Lock, 1/4-20	2
24	<u>101908101</u>	Switch, Tow/Run	1
25	<u>8990</u>	Tie, Wire	A/R
26	<u>1015741</u>	Block, Fuse	1
27	<u>1016423</u>	Fuse, 20-Amp	3
28	<u>1016363</u>	Cover, Fuse Block	1
29	<u>1016366</u>	Screw, Round-Head, #10-24 x 3	2
30	<u>1016</u>	Washer, Lock, #10	2
31	<u>1016631</u>	Nut, Push	2
32	<u>183</u>	Washer, Flat, #10	4
33	<u>1017</u>	Nut, Hex, #10-24	2
34	<u>1012438</u>	Nut, Nylon Lock, #10-24	2

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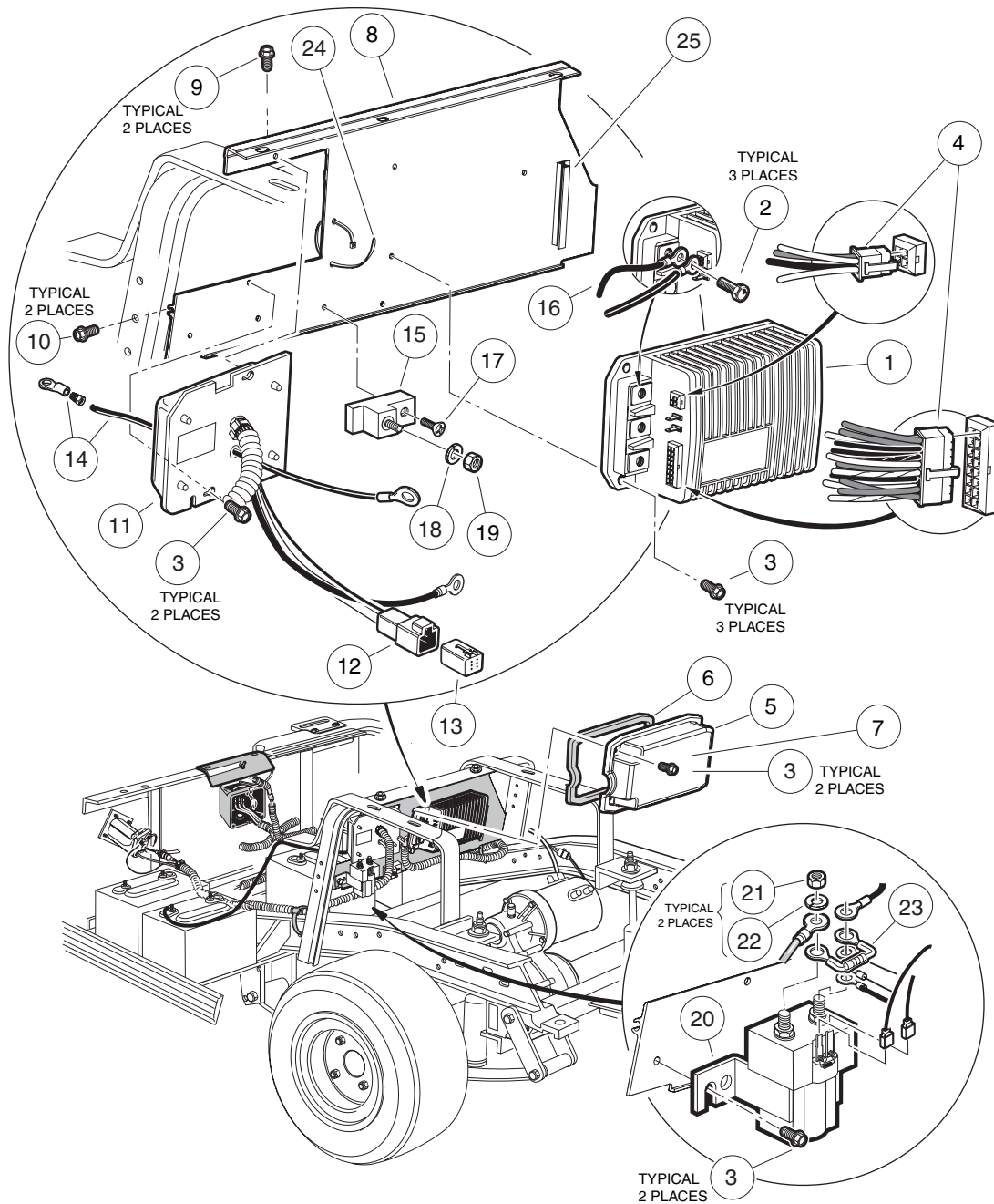


BATTERIES, CHARGER RECEPTACLE – IQ SYSTEM VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>101802101</u>	Kit, Fuse and Receptacle (includes items 2 - 9)	1
2	<u>101796501</u>	Bezel, Receptacle	1
3	N/A	Wire Assembly, Sense Lead, Gray	1
4	N/A	Wire Assembly, #10 Red	1
5	N/A	Wire Assembly, #10 Black	1
6	<u>101796801</u>	Assembly, Fuse, 48-Volt (includes item 7)	1
7	<u>1013061</u>	Nut, Nylon Lock, #10	2
8	<u>1017705</u>	Screw, Phillips Pan-Head, #8 Type AB	3
9	<u>101894901</u>	Fuse, 3/8-Amp	1
10	<u>101801001</u>	Plate, Receptacle Backing	1
11	<u>101832001</u>	Screw, Phillips Pan-Head, #7-18 x 3/4	4
12	<u>101797701</u>	Battery, 8-Volt PowerDrive (includes item 13)	6
12	<u>101797702</u>	Battery, 8-Volt PowerDrive, Dry (includes item 13)	6
13	<u>101797801</u>	Cap, Battery, 4-Port Gang	1
14	<u>101795701</u>	Wire Assembly, #6 Black	5
15	<u>1014304</u>	Nut, Hex, Stainless Steel, 5/16-18	12
16	<u>101090801</u>	Hold-Down, Battery	3
17	1015072	Nut, Nylon Lock, Stainless Steel, 5/16-18	6
18	<u>1011578</u>	Washer, Flat, Type B Wide, 5/16	6
19	1013683	J-Bolt	6
20	102348501	DC/DC Converter (NY Vehicles Only) (includes items 21-24)	1
21	<u>101947901</u>	Bracket, DC/DC Converter	1
22	<u>8056</u>	Screw, #4-40 x 0.75 Round-Head Machine (not shown)	4
23	<u>8058</u>	Lockwasher, #4 Helical-Split (not shown)	4
24	1012431	Washer, #4 Flat (not shown)	4
25	<u>1012285</u>	Screw, 1/4-20 x 0.62, Hex Washer-Head	1
26	1012288	Screw, 5/16-18 x 0.75, Hex Washer-Head	1
27	<u>102348701</u>	Harness, Output, DC/DC Converter (not shown)	1

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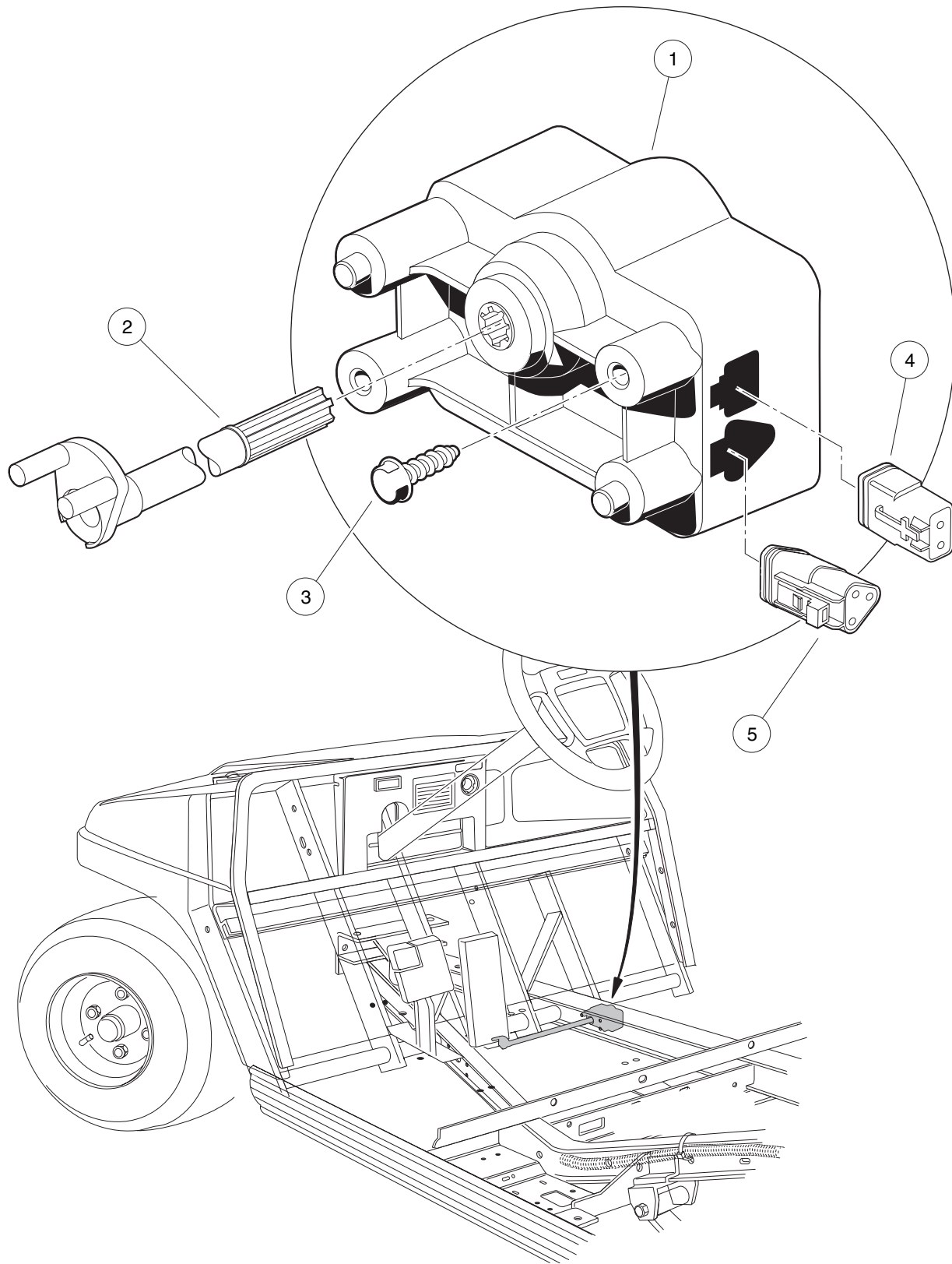


COMPUTER, CONTROLLER, AND SOLENOID – IQ SYSTEM VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102258201</u>	Controller, Private Speed IQ (For IQ-P Vehicles)	1
2	<u>102240501</u>	Screw, Hex Wash, M8 x 1-1/4 x 12 mm	3
3	<u>1012285</u>	Screw, Thread-Rolling, 1/4-20 x 5/8	8
4	<u>102266501</u>	Kit, Connector, IQ Controller	1
5	<u>102240601</u>	Cover, Controller (includes items 6 and 7)	1
6	<u>102240801</u>	Gasket, Controller	1
7	<u>101931501</u>	Decal, Electrical Component Cover	1
8	<u>101965202</u>	Plate, Component Mounting	1
9	<u>1014288</u>	Screw, Thread-Forming, 5/16-18 x 3/4	2
10	<u>101910401</u>	Screw, Thread-Forming, 5/16-18 x 1-1/4	2
11	<u>101909902</u>	Computer, Onboard (includes item 12)	1
12	<u>101932601</u>	Kit, 6-Pin Receptacle	1
13	<u>101932701</u>	Kit, 6-Pin Plug Assembly	1
14	<u>101827801</u>	Kit, Wire and Terminal, #6 Black	1
15	<u>102259801</u>	Block, Terminal (controller)	1
16	<u>102263601</u>	Wire Assembly, #10 Black	1
17	<u>102263701</u>	Screw, Phillips, Thread-Forming, #10-24 x 3/4	1
18	<u>7174</u>	Washer, Lock, 5/16	1
19	<u>1242</u>	Nut, Hex, 5/16-18	1
20	<u>101908701</u>	Solenoid, 48-Volt (with diode) (includes items 21 and 22)	1
21	<u>1012528</u>	Nut, M8 x 1-1/4	2
22	<u>1013734</u>	Washer, Lock, 8 mm	2
23	<u>1014947</u>	Assembly, Resistor	1
24	<u>8639</u>	Tie, Wire	1
25	****	Z-Bracket, Controller Cover	1
	****	Special order item available upon request.	

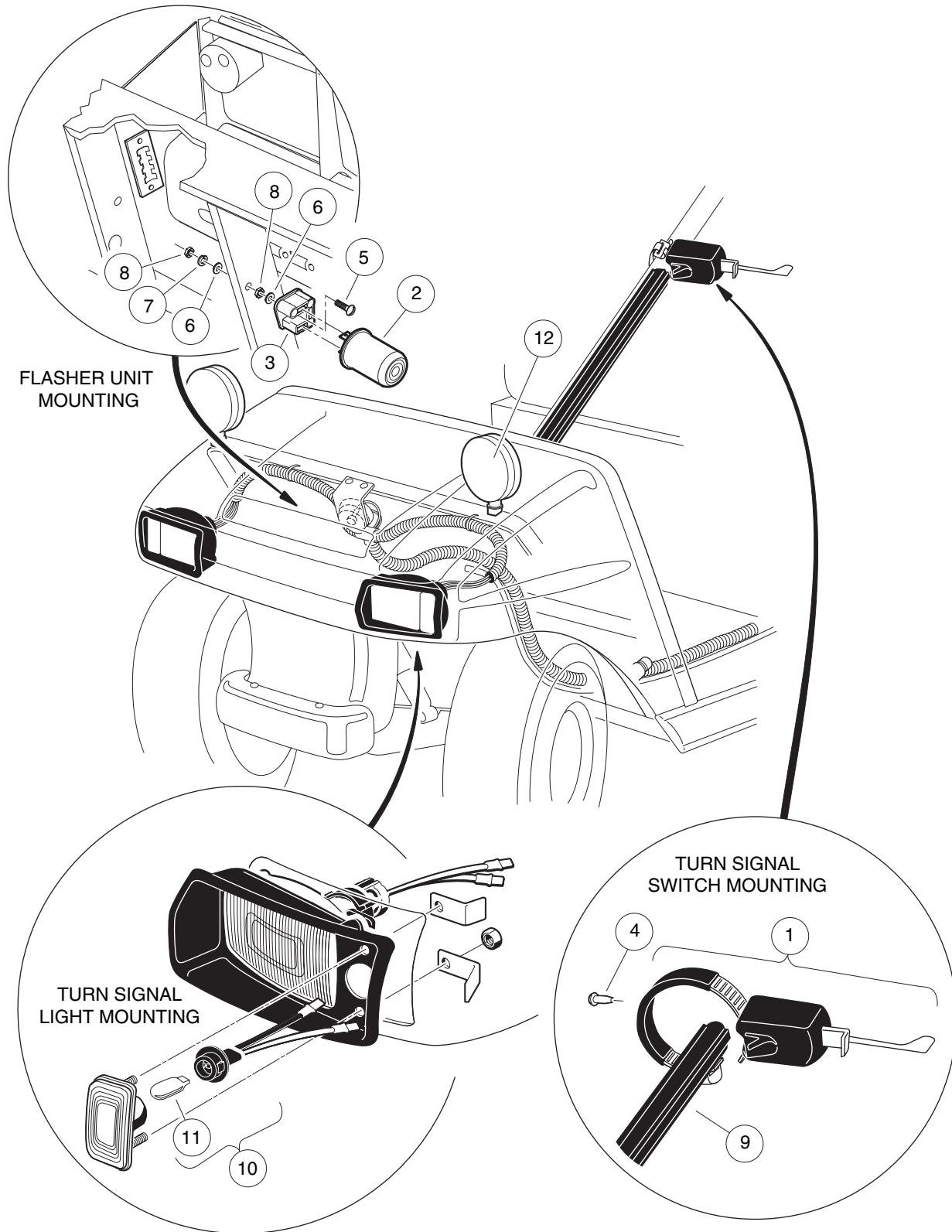
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MOTOR CONTROLLER OUTPUT REGULATOR (MCOR)

ITEM	PART NO.	DESCRIPTION	QTY	6
		1 2 3 4		
1	<u>102101101</u>	Regulator, Motor Controller Output (MCOR)	1	
2	<u>102101001</u>	Bar, Drive	1	E
3	<u>1015752</u>	Screw, Hex Head, Hi-Lo, #12-16 x 5/8	2	
4	<u>101936801</u>	Kit, 2-Pin Plug Assembly.....	1	
5	<u>101920101</u>	Kit, 3-Pin Plug Assembly	1	



TURN SIGNAL COMPONENTS

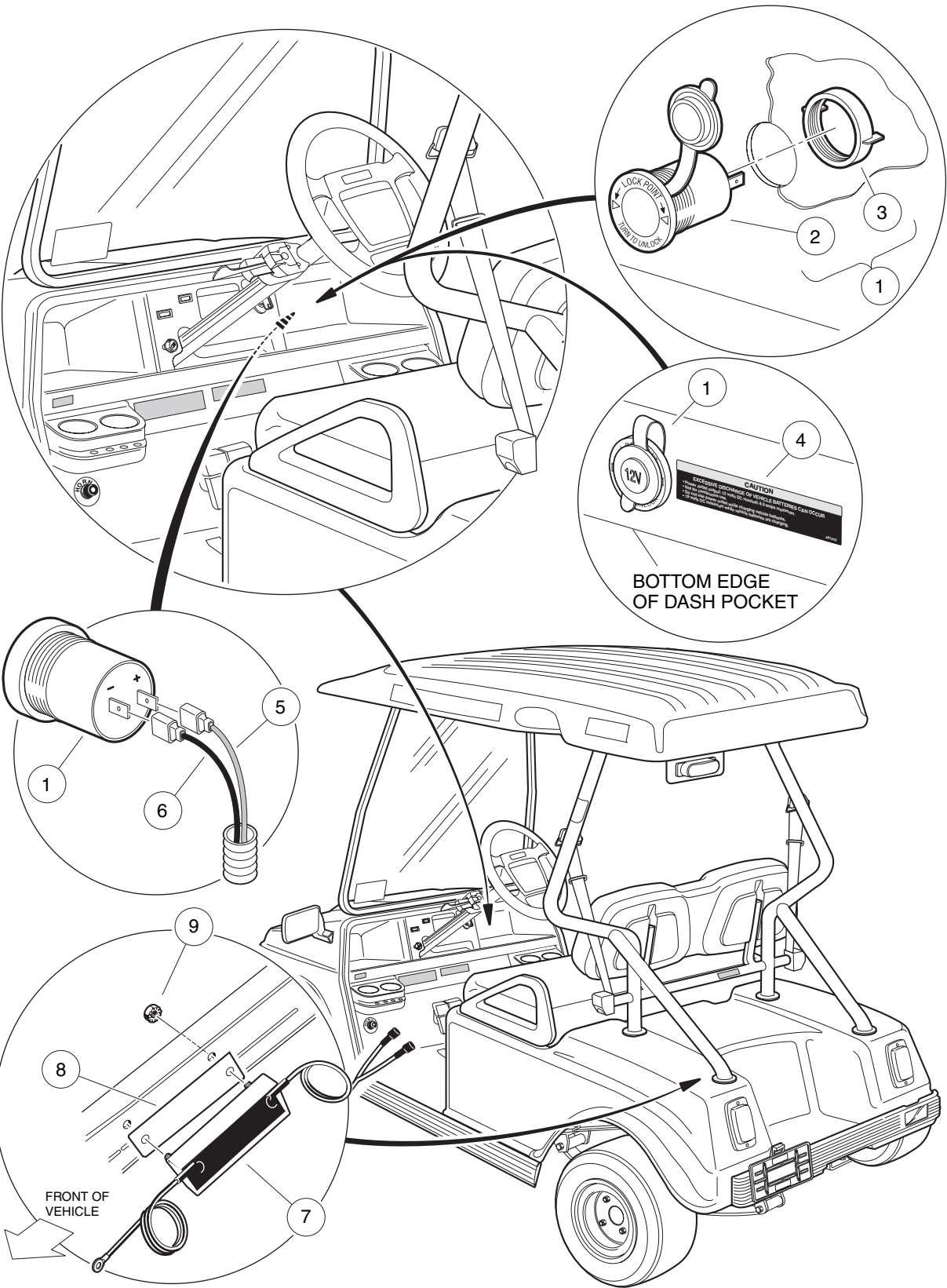
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>101159001</u>	Sub-Assembly, Turn Signal (Includes Items 2 and 3)	1
2	<u>102343101</u>	Flasher	1
3	N/A	Base, Mount	1
4	<u>1017724</u>	Rivet, Plastic	1
5	8104	Screw, Round-Head Machine, #10 - 32 x 3/4	1
6	<u>183</u>	Washer, Flat, #10	2
7	<u>1016</u>	Washer, Lock, #10	1
8	<u>7893</u>	Nut, Hex, #10 - 32	2
9	<u>1011492</u>	Cover, Steering Column Wire.....	1
10	<u>1017075</u>	Assembly, Socket and Lamp (CA, MA, and VT Vehicles Only) (Includes Item 11)	2
11	<u>1011583</u>	Bulb, Turn Signal	1
12	<u>102346901</u>	Light, Turn signal (NY Vehicles Only) (Includes Item 13)*	2
13	102353801	Bulb (Not Shown) (NY Vehicles only)	1
14	<u>102347001</u>	Spacer, Turn Signal, Angled (Not Shown) (NY Vehicles only)	4
15	102348301	Wire Assembly, Turn Signal Jumper (Not Shown) (NY Vehicles only)	2
16	8613	Nut, 1/2-20 Hex-Head Jam (Not Shown) (NY Vehicles only)	4
17	209	Washer, Lock, 1/2-Inch Split (Not Shown) (NY Vehicles only)	2
*Item 12 requires mounting hardware (items 14-17).			

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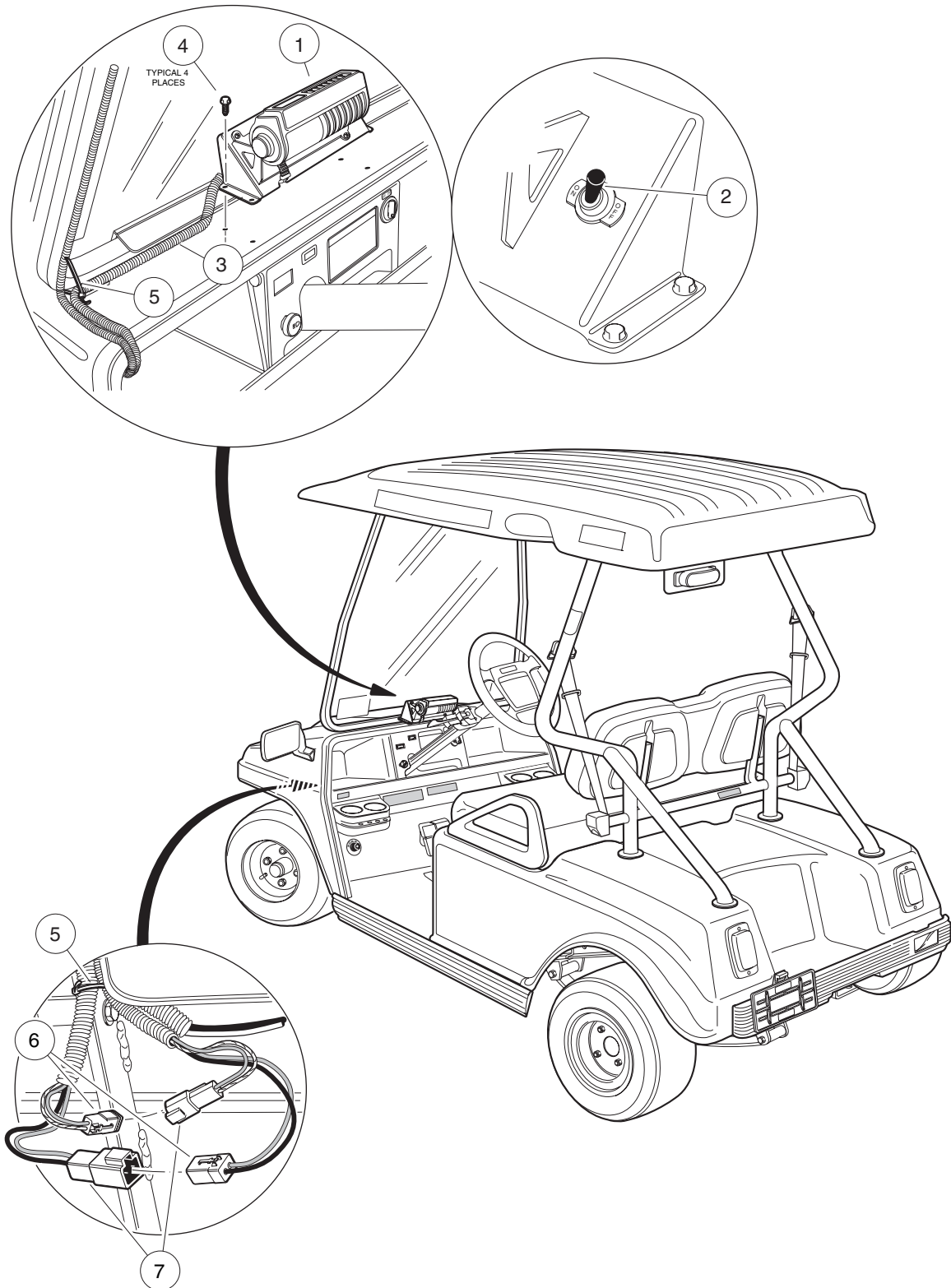
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12-VOLT OUTLET ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY	6
		1 2 3 4		
	AM10423	Kit, 12-Volt Outlet (Includes Items 1-9)		
1	AM10434	Accessory Plug (Includes Items 2 and 3)	1	E
2	N/A	Accessory Plug.....	1	
3	N/A	Retainer Nut	1	
4	AM10425	Decal, Caution, 12-Volt Outlet	1	
5	N/A	Wire, #16 Red	1	
6	N/A	Wire, #16 Black	1	
7	101810501	Voltage Limiter	1	
8	<u>101962601</u>	Gasket, Thermal, Voltage Limiter	1	
9	<u>101835601</u>	Nut, Lock, 1/4-20	2	



DEFROSTER KIT

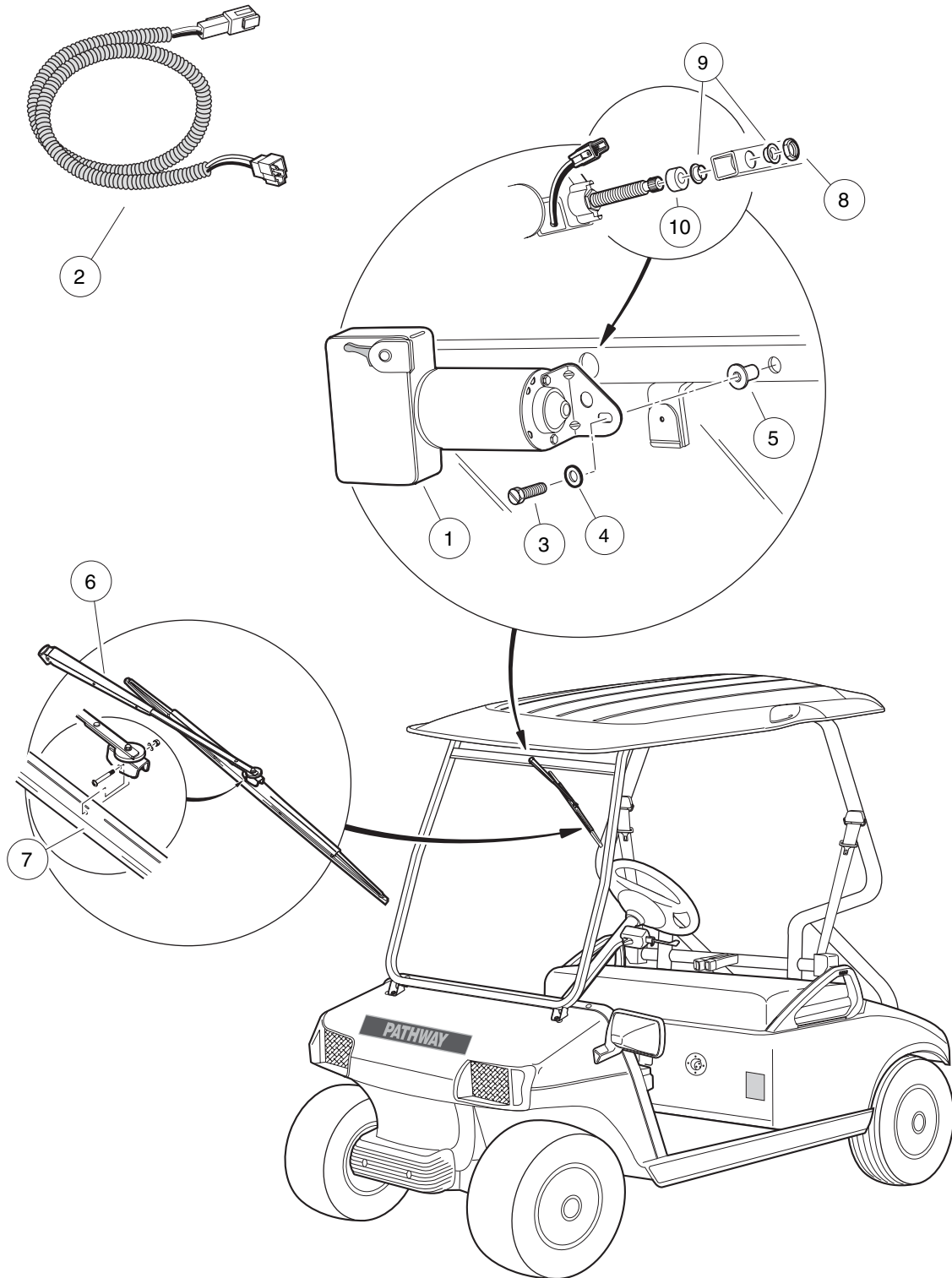
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	<u>102344801</u>	Kit, Defroster (includes items 1-5)	1
1	<u>102344901</u>	Defroster Assembly (includes item 2)	1
2	<u>102349101</u>	Switch, Toggle, Illuminated, 15A	1
3	N/A	Harness, Defroster	1
4	<u>1015752</u>	Screw, Self-Tapping	4
5	<u>101824101</u>	Wire Tie, 8-inch	2
6	<u>101936801</u>	Kit, 2-Pin Plug Assembly	2
7	<u>101936701</u>	Kit, 2-Pin Receptacle Assembly	2

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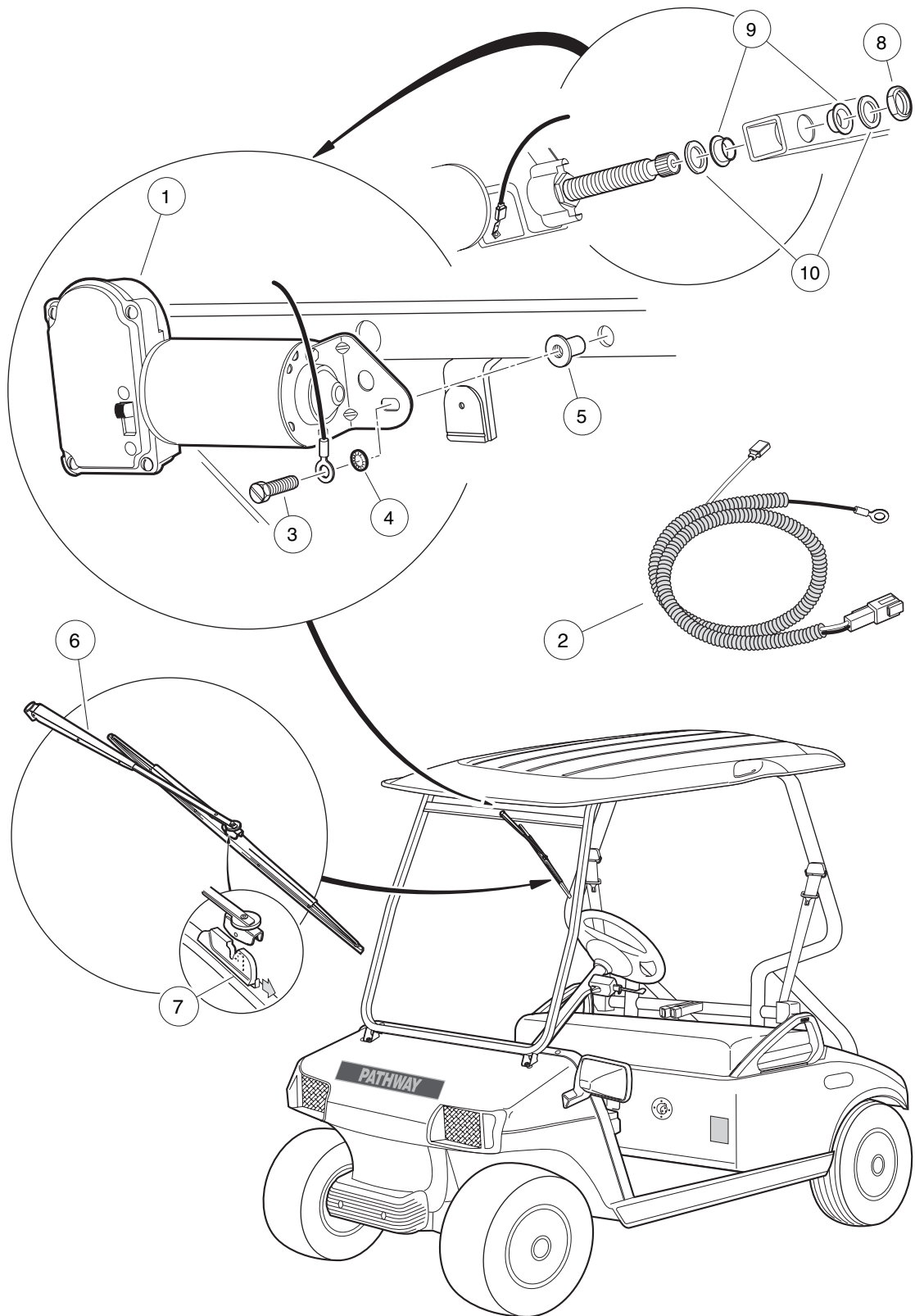
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WINDSHIELD WIPER KIT (TYPE A)

ITEM	PART NO.	DESCRIPTION	QTY	6
		1 2 3 4		
1	102341501	Motor, Wiper (Type A)	1	
2	102331302	Harness, Wiper Motor (Type A)	1	E
3	<u>1017082</u>	Screw, 10-32 x 3/4 Hex-Head	1	
4	<u>1018038</u>	Washer, #10 Narrow	1	
5	102327901	Nut, Well, 10-32	1	
6	<u>102346201</u>	Arm, Wiper (Fixed-Length)	1	
7	<u>102346101</u>	Blade, Wiper	1	
8	N/A	Nut, Jam, 5/8-24, 15/16-inch across flats	1	
9	102332401	Bushing	2	
10	<u>102346001</u>	Spacer, Wiper Motor	1	
11	<u>8990</u>	Tie, Wire (Not Shown)	1	
12	101824101	Tie, Wire, 5.5-inch Black (Not Shown)	4	
A windshield wiper kit is available (CCI 102332001). Depending on availability, the kit will include either a Type-A or Type B wiper motor.				



WINDSHIELD WIPER KIT (TYPE B)

ITEM	PART NO.	DESCRIPTION	QTY	6
		1 2 3 4		
1	<u>1014977</u>	Motor, Wiper (Type B)	1	
2	102331301	Harness, Wiper Motor (Type B)	1	E
3	<u>1017082</u>	Screw, 10-32 x 3/4 Hex-Head	1	
4	<u>8049</u>	Washer, Lock, #10 Internal-Tooth	1	
5	102327901	Nut, Well, 10-32	1	
6	<u>1014979</u>	Arm, Wiper (Adjustable)	1	
7	<u>1014980</u>	Blade, Wiper	1	
8	N/A	Nut, Jam, 5/8-24, 3/4-inch across flats	1	
9	102332401	Bushing	2	
10	102339701	Washer, 5/8-inch Flat	2	
11	<u>8990</u>	Tie, Wire (Not Shown)	1	
12	101824101	Tie, Wire, 5.5-inch Black (Not Shown)	4	
A windshield wiper kit is available (CCI 102332001). Depending on availability, the kit will include either a Type-A or Type B wiper motor.				

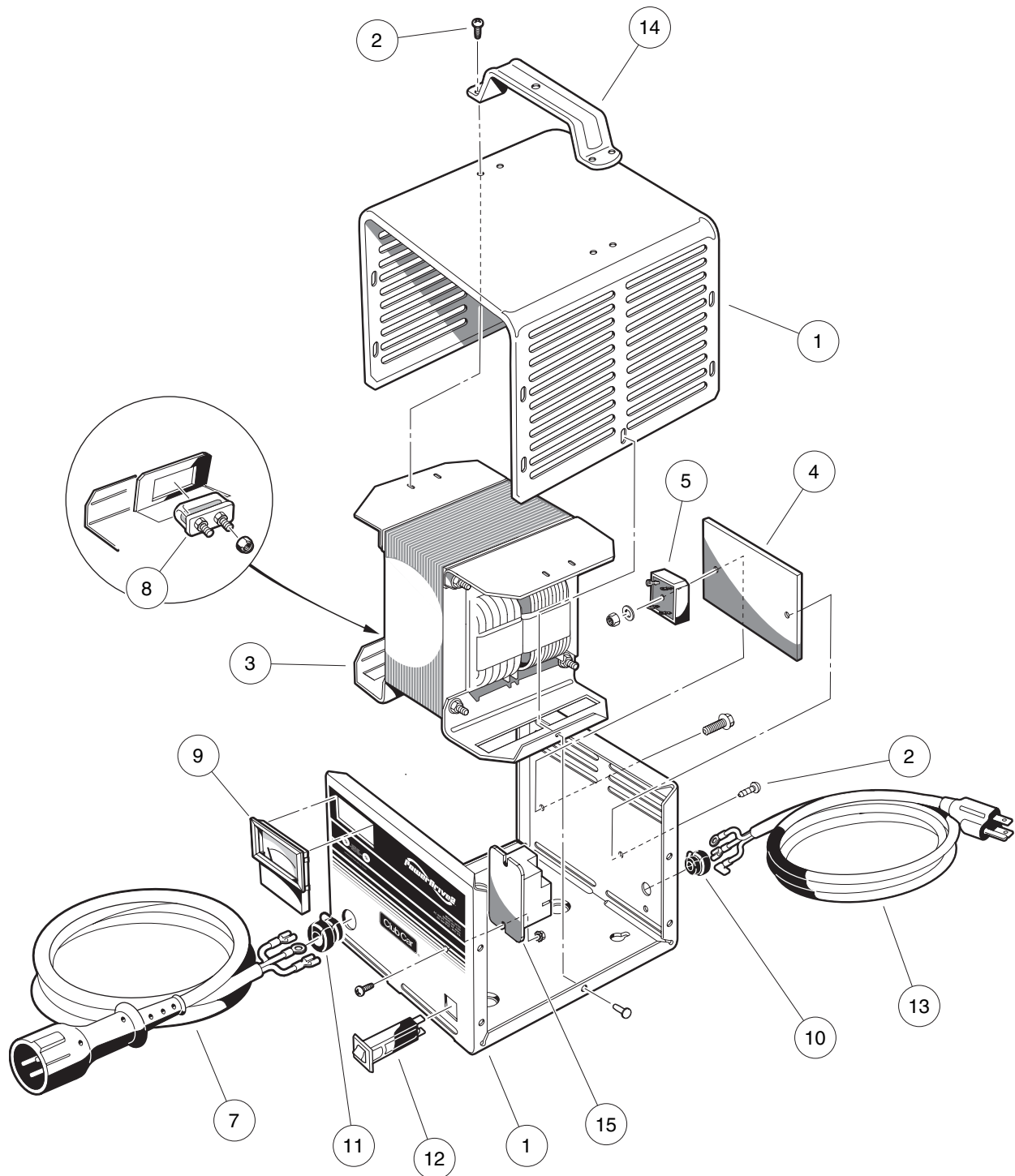
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BATTERY CHARGER

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POWERDRIVE 2 BATTERY CHARGER, DOMESTIC

ITEM	PART NO.	DESCRIPTION	QTY
	<u>101802204</u>	1 2 3 4 Charger, Battery, PowerDrive 2, Domestic 120-V AC 48-V DC 60-Hz (model number 22110-11) (includes items 1 - 15) 103-inch DC cord with male 3-pin plug, 12-AWG 74-inch AC cord with male grounded plug 1	1
	<u>101802205</u>	Charger, Battery, PowerDrive 2, 120-V AC 48-V DC 60-Hz (model number 22110-18) (includes items 1 - 15) 144-inch DC cord with male 3-pin plug, 12-AWG 108-inch AC cord with male grounded plug 1	1
	<u>101802206</u>	Charger, Battery, PowerDrive 2, 120-V AC 48-V DC 60-Hz (model number 22110-19) (includes items 1 - 15) 240-inch DC cord with male 3-pin plug, 12-AWG 108-inch AC cord with male grounded plug 1	1
1	<u>102273201</u>	Assembly, Case (includes item 2) 1	1
2	7577	Screw, Pan-Head, Self-Tapping, #10-16 x 1/2 12	12
3	<u>102273301</u>	Assembly, Transformer (includes rivets) 1	1
4	<u>102273401</u>	Plate, Heatsink 1	1
5	<u>102273501</u>	Assembly, Diode with Heatsink Film (includes mounting hardware) 1	1
6	<u>102273601</u>	Kit, Wire Assembly (not shown) 1	1
7	<u>101828904</u>	Cordset, DC, 113-Inch Long with Male 3-Pin Plug, 12-AWG 1	1
7	<u>101828905</u>	Cordset, DC, 154-Inch Long with Male 3-Pin Plug, 12-AWG 1	1
7	<u>101828906</u>	Cordset, DC, 250-Inch Long with Male 3-Pin Plug, 12-AWG 1	1
8	<u>102273701</u>	Assembly, Fuse, 30-Amp (includes terminal hardware) 1	1
9	<u>102273801</u>	Ammeter (includes mounting hardware) 1	1
10	<u>102273901</u>	Bushing, Strain Relief, AC Cord 1	1
11	<u>1012098</u>	Bushing, Strain Relief, DC Cord, 12-AWG 1	1
12	<u>101828701</u>	Breaker, Circuit, 15-Amp 1	1
13	<u>101828801</u>	Cordset, AC, 80-Inch Long 1	1
13	<u>101828802</u>	Cordset, AC, 116-Inch Long 1	1
14	<u>102274001</u>	Handle, PowerDrive 2 Charger (with four screws) 1	1
15	<u>101828601</u>	Relay, Power, 48-V DC 1	1

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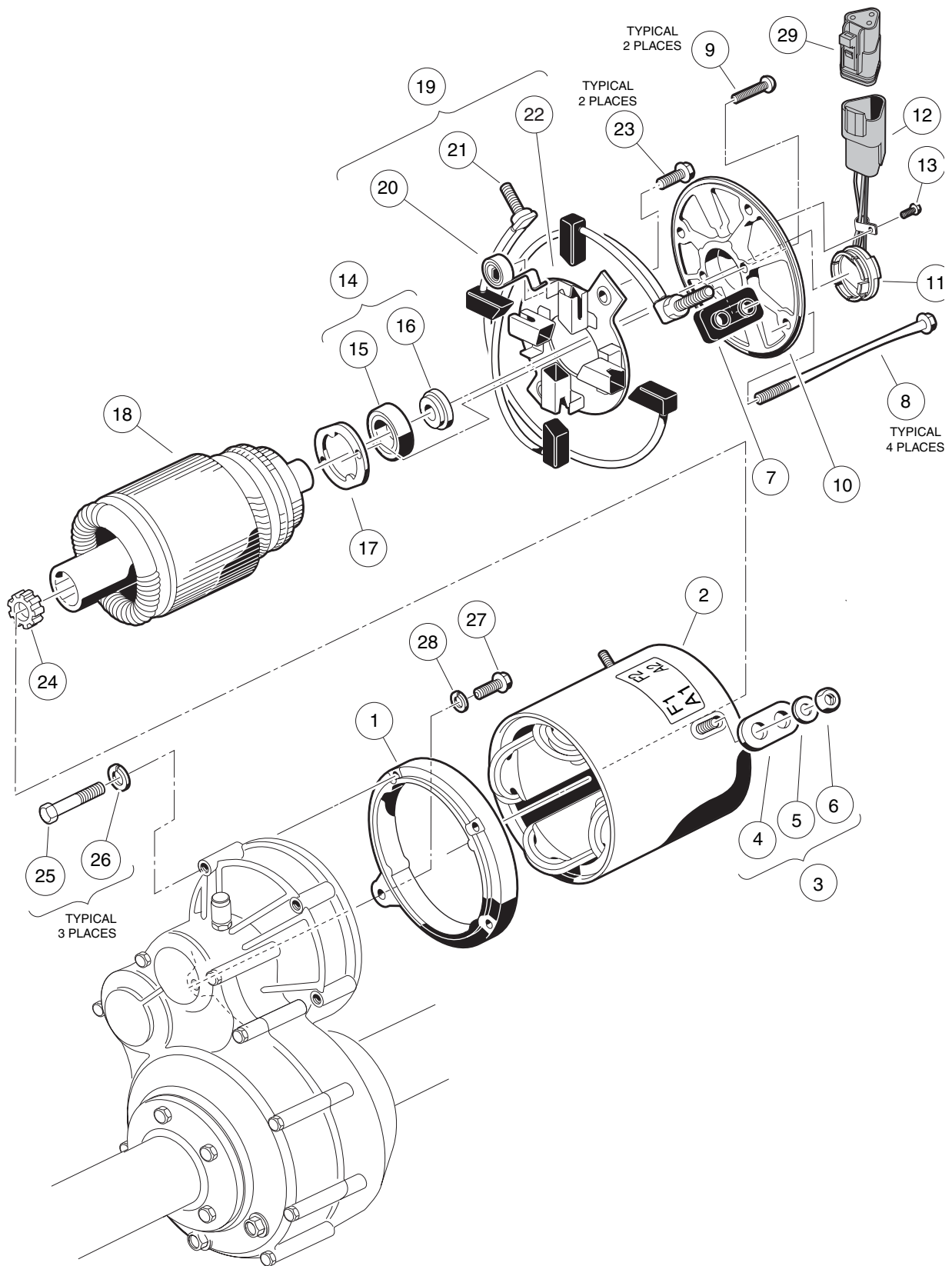
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MOTOR

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MOTOR – IQ SYSTEM VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	102240102	Assembly, 48-Volt IQ Motor, 3.20-hp (includes items 1 - 23)	1
1	<u>1017944</u>	Shield, End	1
2	<u>102265501</u>	Assembly, Stator Shell and Winding	1
3	<u>1017947</u>	Package, Hardware (includes items 4 - 7)	1
4	N/A	Bushing, Insulator	2
5	N/A	Washer, Flat, 5/16	4
6	N/A	Nut, Hex, 5/16-18	4
7	N/A	Bushing, Insulator	2
8	<u>102266101</u>	Screw, Clamp, #10-32 x 8-1/4	4
9	<u>1017953</u>	Screw, Bearing Retainer, #8-32 x 7/8	2
	<u>102265901</u>	Assembly, End Shield (includes items 10 - 13)	1
10	<u>102266001</u>	Shield, End	1
11	<u>102265601</u>	Sensor, Motor Speed (includes item 12)	1
12	<u>101942301</u>	Housing, Female 3-Wire, Gray	1
13	<u>102267001</u>	Screw, Steel Hex, Thread-Rolling, #8 x 3/8	1
14	<u>102265701</u>	Kit, Bearing and Magnet (includes items 15 and 16)	1
15	N/A	Bearing, Ball	1
16	N/A	Magnet	1
17	<u>1017950</u>	Retainer, Bearing	1
18	N/A	Armature	1
19	<u>102327801</u>	Assembly, Brush Rigging (includes items 20 - 22)	1
20	1011411	Package, Brush Spring (4 pieces)	1
21	<u>102251901</u>	Package, Brush (2 pieces) (includes 4 brushes)	1
22	<u>1017948</u>	Rigging, Brush	1
23	<u>1017949</u>	Screw, Brush Holder, #6-32 x 1/2	2
24	<u>102235201</u>	Bumper, Motor	1
25	1014201	Screw, Hex-Head Cap, 1/4-20 x 2-1/4	3
26	<u>451</u>	Washer, Lock, 1/4	3
27	<u>1010934</u>	Screw, Hex-Head Cap, 5/16-18 x 1	1
28	<u>7174</u>	Washer, Lock, 5/16	1
29	<u>101920101</u>	Kit, 3-Pin Plug Assembly, Gray	1

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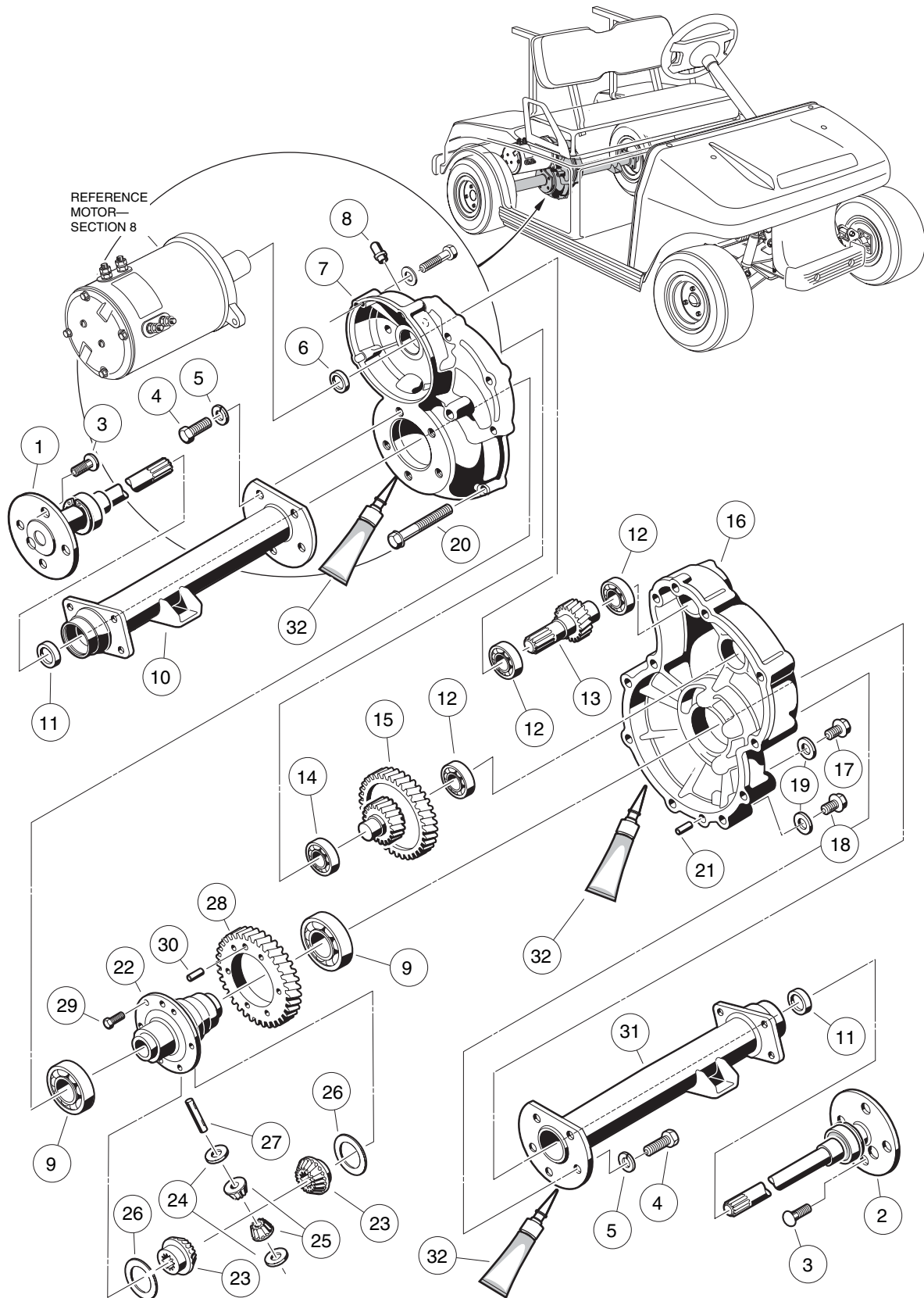
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TRANSAXLE – 10.3:1

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TRANSAXLE, TYPE G, 10.3:1 – ELECTRIC VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	<u>101896003</u>	Transaxle, Type G (10.3:1 Gear Ratio) (includes items 1 - 32)	1
1	<u>101895801</u>	Axle Assembly, Passenger-Side (includes item 3)	1
2	<u>101895901</u>	Axle Assembly, Driver-Side (includes item 3)	1
3	<u>101922201</u>	Stud, Lug	4
4	<u>101976001</u>	Bolt, M10 x 1.5 x 35 mm	10
5	<u>101897901</u>	Washer, Lock	10
6	<u>101923501</u>	Seal, Oil, Input Shaft	1
7	<u>101895501</u>	Gear Case, Passenger-Side	1
8	<u>101897201</u>	Breather	1
9	<u>7330</u>	Bearing, Differential	2
10	<u>101895601</u>	Assembly, Axle Tube, Passenger-Side	1
11	<u>1013794</u>	Seal, Oil, Axle Shaft	2
12	<u>7335</u>	Bearing, Input Gear.....	3
13	<u>101923701</u>	Shaft, Input	1
14	<u>7336</u>	Bearing, Intermediate Gear	1
15	<u>102351201</u>	Assembly, Intermediate Gear, 10.3:1	1
16	<u>101895401</u>	Gear Case, Driver-Side	1
17	<u>101972201</u>	Plug, Fill	1
18	<u>101972101</u>	Plug, Magnetic	1
19	<u>101923201</u>	Gasket, Plug	2
20	<u>101897001</u>	Bolt, M8 x 1.25 x 60 mm	11
21	<u>101897601</u>	Pin, Dowel	2
22	<u>101923601</u>	Housing, Differential	1
23	<u>101923901</u>	Gear, Differential	2
24	<u>101903601</u>	Plate, Thrust (idler gear)	2
25	<u>101923001</u>	Gear, Differential Idler	2
26	<u>101903701</u>	Plate, Thrust	2
27	<u>101922101</u>	Pin, Differential	1
28	<u>102351301</u>	Gear, Output, 10.3:1	1
29	<u>101897401</u>	Bolt, M10 x 1.5 x 25 mm	4
30	<u>101972401</u>	Pin, Dowel	1
31	<u>101895701</u>	Assembly, Axle Tube, Driver-Side	1
32	<u>101928701</u>	Gasket, Liquid, 8.8 oz. (250 g)	A/R
Note: Transaxle type is identified by orientation of Gear Case Bolts (Item 20). The Type G Transaxle has Gear Case Bolt heads facing toward the passenger side of the vehicle.			

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MAINTENANCE AND SERVICE TOOLS

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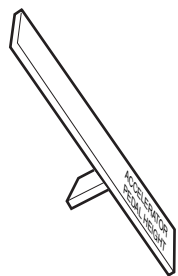
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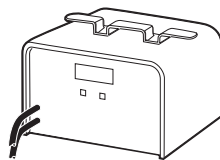
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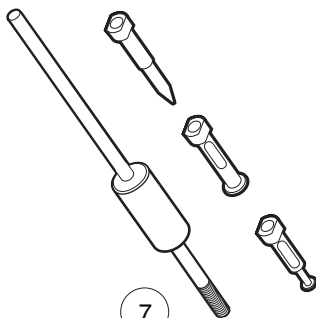
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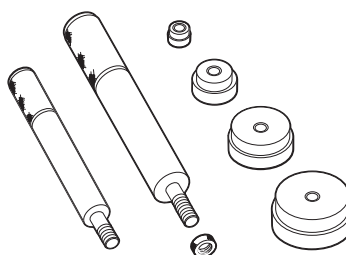
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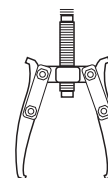
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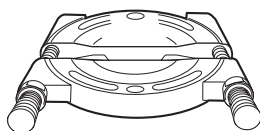
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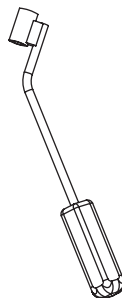
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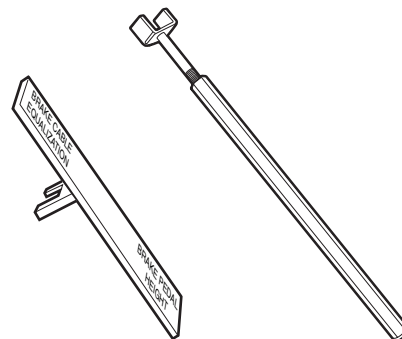
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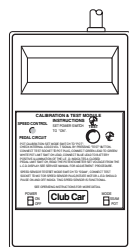
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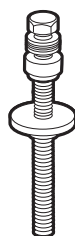
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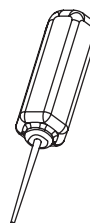
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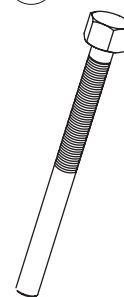
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MAINTENANCE AND SERVICE TOOLS

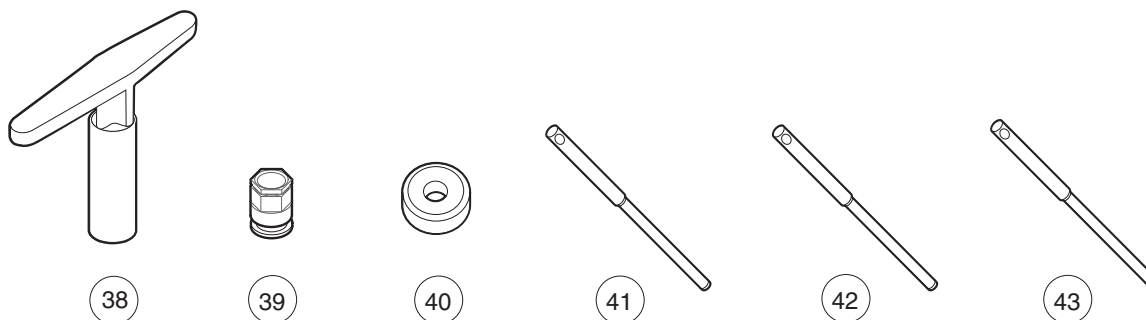
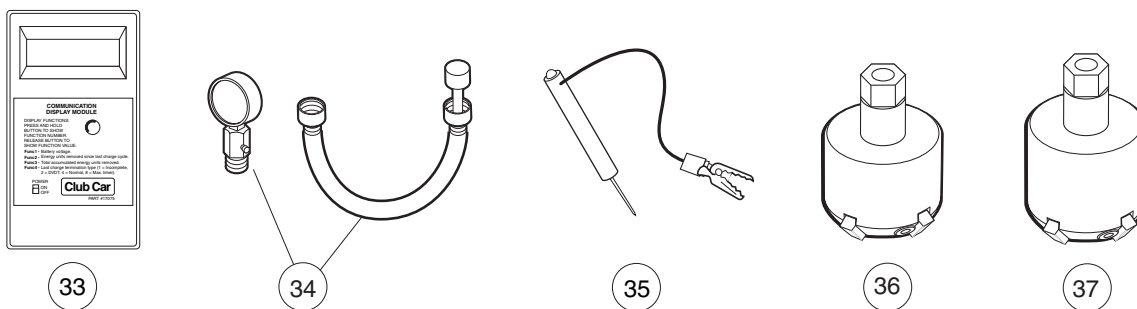
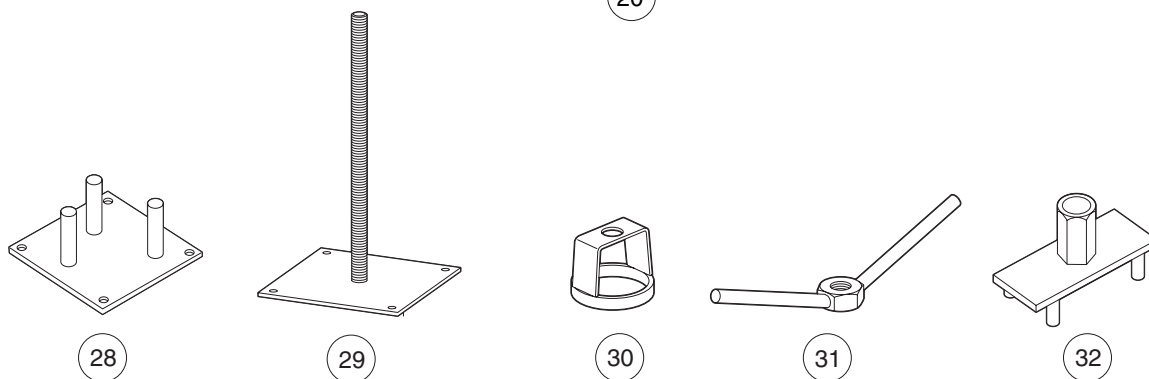
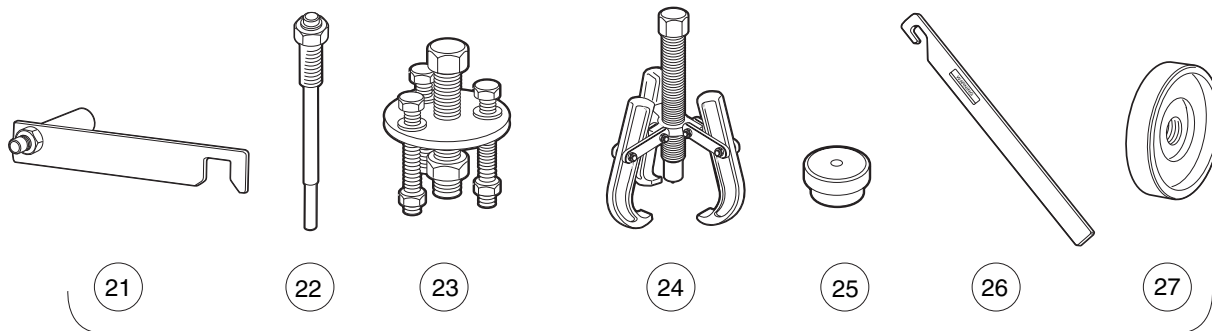
ITEM	PART NO.	DESCRIPTION	QTY DIESEL	QTY GAS	QTY ELEC	10 G E D
		1 2 3 4 The following tool list includes all tools available from Club Car for maintenance and service procedures for gasoline, electric, and/or diesel vehicles, both past and present models. Be sure to carefully examine the tool list for 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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MAINTENANCE AND SERVICE TOOLS, CONTINUED

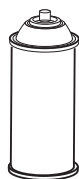
ITEM	PART NO.	DESCRIPTION	QTY DIESEL	QTY GAS	QTY ELEC	10 G E D
		1 2 3 4				
20	<u>1014510</u>	Clutch Tool Kit (includes items 21 - 27)		1		
21	<u>1014498</u>	Clutch Alignment Tool (for pre-unitized transaxle vehicles built prior to 1997 model year)		1		
22	<u>1014496</u>	Drive Clutch Puller (for Kawasaki engines only)		1		
23	<u>1014497</u>	Drive Clutch Hub Puller (for Kawasaki engines only)		1		
24	<u>1014508</u>	Driven Clutch Cam Puller (for Kawasaki engines only)		1		
25	<u>1014507</u>	Driven Clutch Puller Plug (for Kawasaki engines only)		1		
26	<u>1015524</u>	Drive Clutch Holder Tool Assembly (for Kawasaki engines only)		1		
27	<u>101809101</u>	Press Weldment (for Kawasaki engines only)		1		
28	<u>102601501</u>	Drive ClutchFixed Sheave Tool (for 4x4 vehicles).....	1	1		
29	<u>102603501</u>	Driven Clutch Spring Compression Base (for use with items 30 and 31) (for 4x4 vehicles)	1	1		
30	<u>102605201</u>	Driven Clutch Spring Compression Collar (for use with items 29 and 31) (for 4x4 vehicles)	1	1		
31	<u>102606101</u>	Driven Clutch Spring Compression Nut (for use with items 29 and 30) (for 4x4 vehicles)	1	1		
32	<u>102607501</u>	Drive Clutch Spider Removal Tool (for 4x4 vehicles).....	1	1		
33	101831801	Communication Display Module			1	
34	101641002	Compression Gauge and Adapter		1		
35	1011273	Continuity Tester		1	1	
36	<u>102773801</u>	Cutter, Valve Seat, #122		1		
37	<u>102773901</u>	Cutter, Valve Seat #115.....		1		
38	<u>102774101</u>	Wrench, T, #505		1		
39	<u>102774101</u>	Adapter, T-Wrench		1		
40	102675401	Cutter, Valve Seat, 60 Degree (requires item 51) (for Honda GX620 Gasoline Engines)		1		
41	<u>102774201</u>	Pilot, 6.6 MM		1		
42	<u>102774301</u>	Pilot, 6.62 MM		1		
43	<u>102774401</u>	Pilot, 6.65 MM		1		
		Please refer to the maintenance and service manual for proper tool application.				

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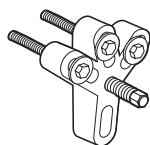
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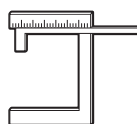
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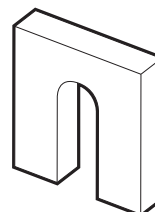
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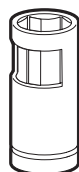
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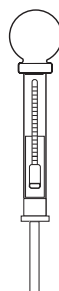
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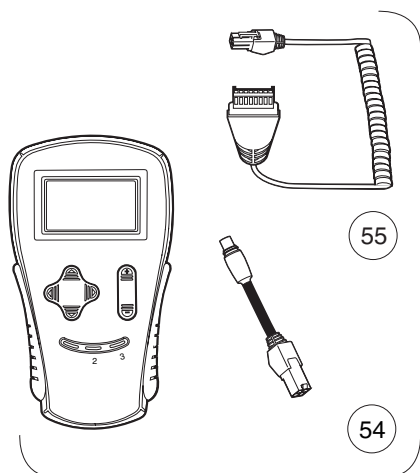
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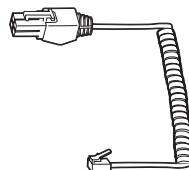


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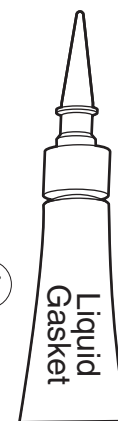


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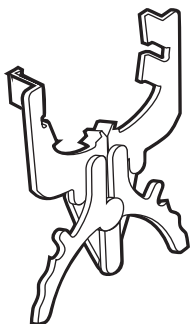
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MAINTENANCE AND SERVICE TOOLS, CONTINUED

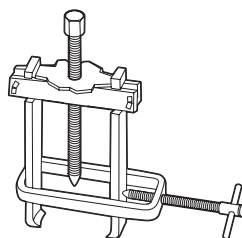
ITEM	PART NO.	DESCRIPTION	QTY DIESEL	QTY GAS	QTY ELEC
		1 2 3 4			
44	<u>1012151</u>	Dry Moly Lubricant	1	1	1
45	<u>1016627</u>	Flywheel Puller Kit (for Kawasaki Engines)		1	
46	<u>102669901</u>	Gauge, Carburetor Float Level (for Honda GX620 Gasoline Engines)		1	
47	<u>1016418</u>	Gear Yoke	1	1	1
48	<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 (for IQ System vehicles only)			1
		(includes items 54 and 55)			
53	<u>102248804</u>	IQ Display Module (IQDM-P) Kit (for IQ System vehicles only)			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	1
61	<u>102587201</u>	Paint Pen, Touch-Up, Precedent Underbody – Black	1	1	1
		Please refer to the maintenance and service manual for proper tool application.			



62



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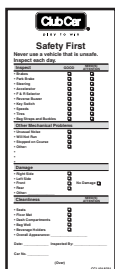
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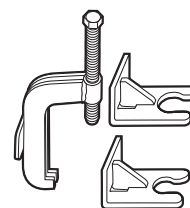
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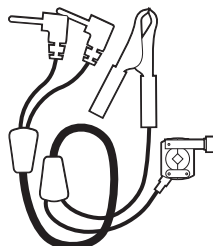
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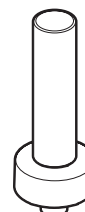
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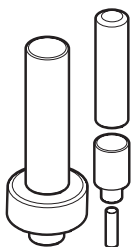
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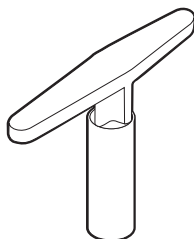
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MAINTENANCE AND SERVICE TOOLS, CONTINUED

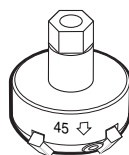
ITEM	PART NO.	DESCRIPTION	QTY DIESEL	QTY GAS	QTY ELEC	10 G E D
		1 2 3 4				
62	<u>1016414</u>	Piston Ring Compressor Kit (FE290, FE350 and FE400 engines) .		1		
63	<u>1016415</u>	Piston Ring Pliers (for Kawasaki Engines)		1		
64	<u>102668801</u>	Puller, Special Use (for Kubota D722 Diesel Engines)	1			
65	<u>1012549</u>	Retaining Ring Pliers, 45° External	1	1	1	
66	<u>1012560</u>	Retaining Ring Pliers, 90° Internal	1	1	1	
67	<u>101823101</u>	Safety First Card (50 per pack)	1	1	1	
68	<u>1012809</u>	Seal Puller	1	1	1	
69	<u>102330901</u>	Spanner Wrench (for coil over shock front suspension vehicles only)	1	1		
70	<u>1014264</u>	Steering Column Bearing Press Tool		1	1	
71	<u>1014259</u>	Steering Column Retaining Ring Tool		1	1	
72	<u>102061201</u>	Steering Wheel Puller Tool	1	1	1	
73	<u>AM10753</u>	Tachometer (includes gasoline engine pick up lead only)	1	1		
74	<u>AM10771</u>	Tachometer Diesel Probe (for use with item 73)	1			
75	<u>1014162</u>	Transaxle Axle Seal Tool		1		
76	<u>1014161</u>	Transaxle Pinion Seal Tool		1		
77	<u>1014115</u>	Transmission Tool Kit		1		
78	<u>101611003</u>	Tune-Up Kit, All OHV (for Kawasaki Engines) (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>1016413</u>	Valve Clearance Adjuster Screw Holder (for FE290 engines only) .		1		
83	<u>102674601</u>	Valve Guide Driver (for Honda GX620 Gasoline Engines)		1		
84	<u>101641201</u>	Valve Guide Reamer (FE290, FE350, and FE400 only)		1		
85	<u>102674401</u>	Valve Guide Reamer, 6.6 mm (for Honda GX620 Gasoline Engines)		1		
		* Item 64 is not for use on Surlyn® body material, which is used on Precedent vehicles.				



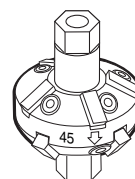
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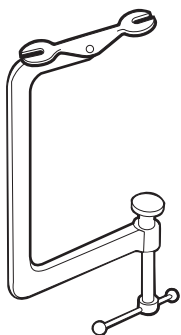
87



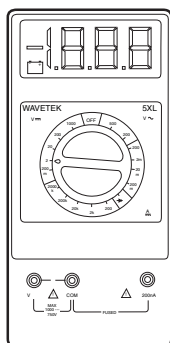
88



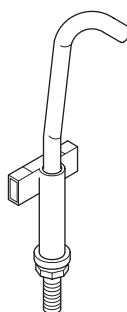
89



90



91



92

MAINTENANCE AND SERVICE TOOLS, CONTINUED

ITEM	PART NO.	DESCRIPTION	QTY DIESEL	QTY GAS	QTY ELEC	10 G E D
		1 2 3 4				
86	<u>1016552</u>	Valve Seat Cutter Guide		1		
87	<u>1016551</u>	Valve Seat Cutter T-Wrench		1		
88	<u>1016553</u>	Valve Seat Cutter, 45° (32 mm diameter) (for FE290 engines only)		1		
89	<u>1016554</u>	Valve Seat Cutter, 45°/30° (35 mm diameter)		1		
90	<u>101641101</u>	Valve Spring Compressor		1		
91	1011480	Volt Ohm Meter	1	1	1	
92	<u>102570401</u>	Tool, Tensioning, Starter Generator (For Precedent vehicles)		1		

10

G

E

D

INDEX

Part Number and Page

AM10753	10-9	8745	5-9	1011494	4-3, 4-7
AM10771	10-9	8754	1-7, 4-9, 5-3, 5-5, 5-7, 5-9, 5-11	1011497	6-13
183	6-17, 6-25	8755	5-9	1011498	6-13
209	6-11, 6-25	8861	5-7	1011524	1-11
304	6-11	8990	5-5, 6-13, 6-17, 6-31, 6-33	1011557	6-13, 6-15
320	5-7	8755	5-11	1011558	6-13
332	1-7, 1-9, 6-11, 6-17	1010005	5-9	1011571	6-13
334	1-7, 4-9, 5-3, 5-5	1010124	5-7	1011578	6-19
357	5-9	1010138	5-7	1011582	6-13
451	4-3, 4-7, 8-3	1010145	5-11	1011583	6-25
706	5-9	1010150	5-9	101159001	6-25
1016	6-17, 6-25	1010177	5-9	1011610	6-13
1028	4-5	1010219	5-7	1011627	1-11
1032	4-5	1010434	1-3	1011652	1-9
1035	4-3, 4-5, 4-7, 5-5, 5-7	1010435	1-5	1011694	4-9
1241	1-5, 4-5, 4-9, 6-15	1010543	1-9	1011697	1-3, 5-3
1242	4-5, 6-21	1010805	4-5	1011700	4-9
1308	5-7	1010829	4-3, 4-5, 4-7	1011767	10-3
1620	1-3	1010850	4-3, 4-7	1011779	4-3, 4-5, 4-7
1624	4-9, 5-5	1010877	4-5	1011825	6-11
2402	5-7	1010878	4-5	1011843	6-13
4029	6-11	101090801	6-19	101187702	4-5
7048	5-9	1010921	4-5	1011887	5-9
7173	6-15	1010927	4-5	1011892	5-9
7174	4-7, 5-3, 6-21, 8-3	1010932	4-5	1011930	5-5, 5-7
7251	1-5	1010933	4-5	1012030	5-9
7310	2-3	1010934	8-3	1012047	1-7
7330	9-3	1010974	5-11	1012098	7-3
7335	9-3	1010984	2-3, 5-9	1012151	10-7
7336	9-3	1011014	1-5	1012159	1-7
7473	1-3, 1-5, 4-5, 4-9, 6-15	1011017	1-5	1012181	5-11
7479	1-7	1011019	1-3	1012182	5-11
7539	5-7	1011114	4-3, 4-7	1012285	6-21
7540	5-5, 5-7	1011137	4-7	1012303	5-9, 5-11
7555	5-5, 5-7	1011154	4-3, 4-7	1012412	1-7
7569	5-11	1011229	6-11	1012438	6-17
7577	7-3	1011273	10-5	1012467	5-5
7591	6-11, 6-13	1011280	6-15	1012505	6-15
7602	5-5, 5-7	1011303	4-3, 4-7	1012528	6-21
7716	4-5, 4-9	1011304	5-9	1012549	10-9
7820	6-11	1011382	1-3	1012560	10-9
7840	5-9	1011393	5-9	1012604	5-3
7847	1-3	1011394	1-5	1012605	5-3
7893	6-25	1011402	4-5	1012809	10-9
7910	5-9	1011411	8-3	1012811	10-3
7973	1-3	1011415	5-11	1012812	10-3
8049	6-33	1011418	4-5	1013032	1-7
8067	5-9	1011439	6-15	1013035	5-5
8104	6-25	101146302	4-3, 4-7	1013042	5-5
8233	1-7, 4-9, 6-11, 6-17	1011464	4-3, 4-7	1013044	5-5
8248	6-17	1011465	4-3, 4-7	1013051	5-5
8251	1-7	1011466	4-3, 4-7	1013052	5-5
8613	6-11, 6-25	1011467	4-3, 4-7	1013061	6-19
8639	6-11, 6-21	1011478	10-7	1013135	5-9
		1011480	10-11	1013164	5-11
		1011492	6-25	1013207	4-3, 5-11

INDEX

1013343	1-3	1015072	6-19	1016876	1-3
1013344	1-3	1015524	10-5	1016879	6-11
1013357	6-11	1015525	1-7	1016880	6-11
1013461	6-11	1015528	1-11	1016916	1-9
1013494	1-3	1015545	5-3	101693901	1-5
1013531	4-5	1015583	5-9, 5-11	1016952	1-3
1013582	10-3	1015597	5-5, 5-7, 5-9	1016967	1-5
1013593	10-7	1015741	6-17	1017	6-17
1013683	6-19	1015752	6-23	1017029	4-5
1013734	6-21	101611003	10-9	1017035	6-13
1013794	9-3	101615502	5-3	1017064	6-11
1013857	6-15	1016156	5-3	1017065	6-11
1013861	5-3	1016181	5-3	1017075	6-25
1013869	4-5	1016183	5-3	1017079	1-3
1013870	4-5	1016263	5-3	1017080	1-5
1013871	4-9	1016269	5-3	1017082	6-31, 6-33
1013876	4-5	1016346	5-7	101708301	1-3
1013924	4-3, 4-7	1016349	5-7	1017141	1-7
1013983	1-5	1016350	5-7	1017211	4-5
1014007	4-5, 4-9	1016353	5-7	1017226	5-3
1014115	10-9	1016356	6-11	1017232	4-7
1014125	5-3	1016363	6-17	1017235	5-11
1014126	5-3	1016366	6-17	1017266	5-7
1014153	4-3, 4-7	1016379	1-3	1017273	5-3
1014161	10-9	1016384	5-9	1017378	4-9
1014162	10-9	1016385	5-7	1017380	4-9
1014201	8-3	1016386	5-9	1017424	4-9
1014213	5-3	1016387	5-9	101768202	1-3
1014214	5-3	1016389	5-9	1017696	4-9
1014216	5-3	101641002	10-5	1017699	6-13
1014217	5-3	101641101	10-11	1017705	6-19
1014236	5-11	101641201	10-9	1017724	6-15, 6-25
1014259	10-9	101641202	10-3	1017748	1-7
1014264	10-9	1016413	10-9	1017814	1-7
1014276	5-9	1016414	10-9	1017815	1-7
1014288	5-3, 6-21	1016415	10-9	1017853	6-11, 6-13
1014304	6-19	1016416	10-3	101791101	4-3
1014305	10-3	1016417	10-3	1017936	1-7
1014306	1-7	1016418	10-7	1017944	8-3
1014496	10-5	1016423	6-17	1017947	8-3
1014497	10-5	1016551	10-11	1017948	8-3
1014498	10-5	1016552	10-11	1017949	8-3
1014507	10-5	1016553	10-11	1017950	8-3
1014508	10-5	1016554	10-11	1017953	8-3
1014510	10-5	1016557	4-3, 4-7	101795701	6-19
101454902	5-11	1016573	4-3, 4-7	101796201	4-9
1014555	5-11	101660404	1-3	101796501	6-19
1014557	1-17	1016622	5-3	101796801	6-19
1014645	1-3	1016627	10-7	101797701	6-19
1014901	5-11	1016631	6-17	101797702	6-19
1014902	5-11	1016663	5-3	101797801	6-19
1014947	6-21	1016849	6-11	101801001	6-19
1014977	6-33	1016851	6-11	101802101	6-19
1014979	6-33	1016859	6-11	101802204	7-3
1014980	6-33	1016868	1-5	101802205	7-3
1015032	1-3, 1-5, 1-7	1016875	1-3	101802206	7-3

INDEX

1018038	6-31	101895401	9-3	101959902	3-5
101808401	10-3	101895501	9-3	101962601	6-27
101809101	10-5	101895601	9-3	101965201	6-21
101810501	6-27	101895701	9-3	101966901	4-9
101813202	10-3	101895801	9-3	101969701	6-15
101814201	6-15	101895901	9-3	101972001	10-7
101814701	6-15	101896003	9-3	101972002	10-7
101817401	4-9	101897001	9-3	101972003	10-7
101823101	10-9	101897201	9-3	101972004	10-7
101824101	6-13, 6-31, 6-33	101897401	9-3	101972005	10-7
101825101	3-7	101897601	9-3	101972006	10-7
101826201	6-15	101897901	9-3	101972007	10-7
101827801	6-21	101903101	5-9	101972009	10-7
101828601	6-11, 7-3	101903601	9-3	101972011	10-7
101828701	7-3	101903701	9-3	101972012	10-7
101828801	7-3	101904101	1-7	101972101	9-3
101828802	7-3	101908101	6-17	101972201	9-3
101828904	7-3	101908401	6-17	101972401	9-3
101828905	7-3	101908601	3-3	101976001	9-3
101828906	7-3	101908701	6-21	101984801	5-3
101830601	6-15	101909902	6-21	101985501	1-9
101830701	6-15	101910401	6-21	101987601	1-9
101831801	10-5	101914401	6-11	101987901	6-11
101831901	10-3	101920101	6-17, 6-23, 8-3	101988001	6-11
101832001	6-19	101922101	9-3	101988002	6-11
101834502	6-15	101922201	9-3	101988101	6-11
101835601	1-11, 6-27	101922501	6-17	101988201	6-11
101851101	6-15	101923001	9-3	101990801	4-5
101855002	6-17	101923201	9-3	101998201	1-9
101856001	6-17	101923501	9-3	101998501	1-9
101856101	1-3, 1-5, 6-13, 6-17	101923601	9-3	102022101	4-3, 4-5
101861901	4-9	101923701	9-3	102026001	4-9
101862001	4-9	101923901	9-3	102051901	6-15
101865301	4-5	101928701	9-3, 10-7	102060501	1-9
101869001	4-7	101931501	3-3	102061201	10-9
101870501	5-7	101932201	6-15	102076701	1-11
101870601	5-7	101932401	6-17	102099101	1-11
101871001	10-3	101932501	6-17	102101001	6-23
101872701	4-7	101932601	6-21	102101101	6-23
101874601	4-5, 4-7	101932701	6-21	102163001	1-13
101876901	5-9	101933101	10-7	102163501	1-19
101877001	5-9	101935301	5-7	102163502	1-19
101878201	4-5	101935501	6-15	102169401	10-7
101878302	5-5	101936701	6-29	102174201	1-9
101879401	5-5	101936801	6-23, 6-29	102175401	3-5
101879501	5-5	101942301	6-17, 8-3	102196601	6-5
101879601	5-5	101942401	1-17	102198301	1-11
101879701	5-5	101942501	1-17	102198601	6-17
101879801	5-5	101953001	4-5	1022006	6-11
101879901	5-5	101953101	4-5	102221201	1-3, 1-7
101880001	5-5	101953102	4-5	102228701	3-5
101880101	5-5	101953103	4-5	102235201	8-3
101880201	5-5	101954301	1-9	102237001	1-9
101880301	5-5	101955001	5-7	102238301	1-9
101887101	10-3	101955101	6-11	102240102	8-3
101894901	6-19	101957101	6-15	102240501	6-21

INDEX

102240601 6-21
 102240801 6-21
 102241501 10-7
 102241502 10-7
 102243402 10-7
 102248803 10-7
 102249901 10-3
 102251501 10-7
 102251901 8-3
 102259001 3-3
 102259801 6-21
 102263601 6-21
 102263701 6-21
 102265501 8-3
 102265601 8-3
 102265701 8-3
 102265901 8-3
 102266001 8-3
 102266101 8-3
 102266501 6-21
 102266601 6-17
 102266701 6-17
 102267001 8-3
 102273201 7-3
 102273301 7-3
 102273401 7-3
 102273501 7-3
 102273601 7-3
 102273701 7-3
 102273801 7-3
 102273901 7-3
 102274001 7-3
 102278001 5-3
 102310701 1-5
 102311501 1-5
 102311601 1-3
 102311801 2-3
 102312201 1-11, 3-5
 102312801 3-7
 102312901 3-7
 102313001 3-5
 102313701 1-17, 6-13
 102316801 3-5
 102318101 1-11, 1-13
 102318201 3-5
 102318301 1-11
 102318401 1-17
 102318501 1-7
 102318901 3-3
 102319101 1-7
 102319501 1-7
 102319601 1-11
 102320701 1-15
 102322301 1-7
 102322401 1-7
 102322901 3-5

102323401 1-15
 102323501 1-15
 102323701 1-15
 102323801 1-15
 102324001 1-17
 102324101 1-17
 102324301 1-17
 102324401 1-17
 102324801 1-9
 102324901 1-9
 102325401 1-13
 102327601 1-3
 102327801 8-3
 102327901 6-31, 6-33
 102330301 1-7
 102330901 10-9
 102331301 6-33
 102331302 6-31
 102332401 6-31, 6-33
 102332501 3-5
 102339301 3-9
 102339701 6-33
 102340401 6-13
 102340601 6-13
 102340701 6-13
 102341201 6-13
 102341501 6-31
 102343101 6-25
 102343701 6-9
 102344101 6-15
 102346001 6-31
 102346101 6-31
 102346201 6-31
 102346901 6-11, 6-25
 102347001 6-11, 6-25
 102347101 6-13
 102348301 6-11, 6-25
 102348501 6-19
 102348701 6-19
 102351001 6-13
 102351101 6-15
 102351201 9-3
 102351301 9-3
 102353701 6-13
 102353801 6-11, 6-25
 102555501 10-3
 102562401 10-3
 102570401 10-11
 102601501 10-5
 102603501 10-5
 102605201 10-5
 102606101 10-5
 102607501 10-5
 102668801 10-9
 102669901 10-7
 102674001 10-5

102674101 10-5
 102674201 10-5
 102674401 10-9
 102674601 10-9
 102675001 10-5
 102675101 10-5
 102675201 10-5
 102675301 10-5
 102675401 10-5
 102686101 10-3

A

accelerator pedal 4-9
 accelerator pedal adjustment tool 10-3
 accelerator pedal return spring cup 4-9
 accelerator pivot rod 4-9
 access door 1-7
 actuator, brake 4-3, 4-7
 adapter
 cable (IQDM) 10-7
 adhesive, guide ring 10-3
 adjuster
 hydraulic brake 10-7
 all weather enclosure 1-19
 AM10423 6-27
 AM10425 3-9, 6-27
 AM10434 6-27
 ammeter 7-3
 anchor body 4-3, 4-7
 angled bumper mount 5-11
 arbor 10-3
 arm
 brake lever 4-3, 4-7
 arm, wiper (adjustable) 6-33
 arm, wiper (fixed-length) 6-31
 armature 8-3
 assembly
 3-pin plug 8-3
 6-pin plug 6-21
 axle 9-3
 axle tube 9-3
 bearing (steering column) 5-3
 brush rigging 8-3
 charger case 7-3
 delta a-plate 5-7
 delta shock and gear support 5-7
 diode with heatsink film 7-3
 end shield 8-3
 Forward/Reverse switch 6-17
 hub 5-9
 resistor 6-21
 seat back 1-9
 spindle 5-9
 stator shell 8-3
 steering column 5-3
 transformer 7-3

INDEX

voltage suppressor 6-11
wheel and tire 2-3
wire 6-19, 6-21
wire, sense lead 6-19
axle 9-3
axle shaft seal 9-3
axle tube 9-3

B

backing plate (brake) 4-3, 4-7
backing plate, H-bracket, front 1-7
backing plate, H-bracket, rear 1-7
back-up light (CA and NY) 6-13
back-up light bulb 6-13
back-up light harness (CA, MA, and VT only) 6-13
back-up light kit (CA, MA, and VT vehicles) 6-13
bagwell protector 1-3
ball joint 5-7
ball joint, inner 5-5
ball joint, left-hand thread 5-5, 5-7
bar, drive 6-23
barrel, plastic 1-3
base, taillight 6-13
battery
8-volt 6-19
battery cap 6-19
battery charger, PowerDrive 2 7-3
battery discharge machine 10-3
battery hold-down 6-19
battery terminal protector spray 10-3
battery thermometer 10-3
battery warning light 6-15
bearing
ball (motor) 8-3
differential 9-3
hub 5-9
input gear 9-3
intermediate gear 9-3
lower pinion 5-5
pivot support 4-9
thrust 5-9
upper pinion 5-5
bearing and oil seal remover 10-3
bearing driver set 10-3
bearing puller 10-3
bearing puller wedge 10-3
bearing retainer 8-3
bezel, headlight 6-11
bezel, horn 3-5
bezel, receptacle 6-19
bezel, taillight 6-13
blade, wiper 6-31, 6-33
block
terminal 6-11

terminal (controller) 6-21
block, fuse 6-17
block, fuse, cover 6-17
body (rear) 1-7
body hinge plate 1-7
body keeper clip 1-7
body kick plate 1-7
body support 1-7
body, front 1-5
bolt, J- 6-19
boot
dust 5-5
steering column 5-3
tow/run switch 6-17
bracket
brake cable guide 5-7
brake light switch 6-15
horn 6-11
mounting 6-11
Tow/Run switch 6-17
bracket, DC/DC converter 6-19
bracket, speedometer (NY only) 6-15
brake
actuator 4-3, 4-7
cable 4-3, 4-5, 4-7
cable hanger 4-3
cluster 4-3, 4-7
drum 4-3, 4-7
pedal 4-5
pedal mounting block 4-5
shoe 4-3, 4-7
spring 4-3, 4-7
brake adjustment tool 10-3
brake arm lever 4-3, 4-7
brake cable 5-11
brake cable hanger 5-11
brake cable release tool 10-3
brake lamp, center 1-17, 6-13
brake light harness 1-7, 1-17
brake pedal adjustment tool 10-3
brake pedal tension tool 10-3
breaker, circuit, 15-amp 7-3
breather 9-3
brush 8-3
brush spring 8-3
bulb, back-up light 6-13
bulb, halogen 6-11
bulb, license plate 6-13
bulb, taillight 6-13
bulb, turn signal (NY only) 6-11, 6-25
bumper
front 1-5
motor 8-3
rear 1-3
return spring 4-9
rubber 4-5

side guard trim 1-5
bumper mount, angled 5-11
bumper, jounce 5-11
bushing
bronze 5-9
bronze spindle 5-9
insulator 8-3
steel 5-9, 5-11
strain relief 7-3
urethane 5-7, 5-9, 5-11
bushing, rubber 1-7
button, horn 6-15

C

cable
brake 4-3
IQDM 10-7
cable, brake hanger 5-11
calibration test module 10-3
cam installation tool 10-3
canopy 1-11
cap
battery (4-port) 6-19
dust 6-17
key switch 6-15
seat back 1-9
carburetor float level tool 10-7
card, safety first 10-9
cargo net 1-3
case
charger 7-3
Forward/Reverse switch 6-17
center brake lamp 1-17, 6-13
channel, windshield 1-13
charger bezel tool 10-3
charger case 7-3
charger, PowerDrive 2 battery 7-3
circuit breaker (15-amp) 7-3
clamp
brake cable 5-7
clamp screw 8-3
clevis, upper delta 5-9
clip, body keeper 1-7
cluster, brake 4-3, 4-7
clutch alignment tool 10-5
clutch removal tool 10-3
clutch tool kit 10-5
column, steering 5-3
communication display module 10-5
component mounting plate 6-21
compression gauge 10-5
compressor, piston ring 10-9
compressor, valve spring 10-11
computer, onboard 6-21
connector, 4-pin 6-17
connector, IQ controller 6-21

continuity tester 10-5
controller, 48-volt (250-amp) 6-21
converter, DC/DC 6-19
cordset, AC 7-3
cordset, DC 7-3
cover
 controller 6-21
 dust 4-3, 4-7, 5-9
 seat back 1-9
 seat bottom 1-9
 steering column 5-3
cover, fuse block 6-17
cover, steering column 6-25
cup, accelerator pedal return spring 4-9
cushion, shock absorber 5-11
cutter, valve seat 10-5, 10-11

D

dash panel, center 1-3
dash, driver-side (CA, MA, and VT vehicles) 1-3
dash, passenger-side 1-3
DC/DC converter 6-19
DC/DC converter bracket 6-19
DC/DC converter output harness 6-19
decal
 battery discharge caution 3-9
 box bed 3-9
 electrical component cover 3-3, 6-21
 horn bezel 3-5
 horn location 3-5
 IR emblem 3-3
 key switch 3-7
 motor braking 3-5
 operating instructions 3-7
 private speed 3-5
 reflective (24 in. strip) 1-11, 3-5
 reflective (round, red) 3-5
 storage area 3-5
 Tow/Run switch 3-3
 VIN 3-7
 warning, steering wheel 3-7
diesel tachometer probe 10-9
differential bearing 9-3
differential gear 9-3
differential housing 9-3
differential idler gear 9-3
differential pin 9-3
door, access 1-7
drag link, rack and pinion 5-5
drink holder 1-3
drive bar 6-23
drive clutch fixed sheave tool 10-5
drive clutch holder tool 10-5
drive clutch hub puller 10-5
drive clutch puller 10-5
drive clutch spider removal tool 10-5

driven clutch cam puller 10-5
driven clutch puller plug 10-5
driven clutch spring compression base tool 10-5
driven clutch spring compression collar tool 10-5
driven clutch spring compression nut tool 10-5
drum, brake 4-3, 4-7
dry moly lubricant 10-7
dust boot 5-5
dust cap 6-17
dust cover 4-3, 4-7, 5-9

E

8-volt battery 6-19
eccentric adjustment 5-9
enclosure, all weather 1-19
end shield 8-3
equalizer and pivot limiter 4-5
equalizer rod 4-5
equalizer spacer 4-5

F

4-pin plug and wedge lock 6-17
4-pin receptacle and wedge lock 6-17
48-volt motor, 3.20-hp 8-3
48-volt solenoid 6-21
fastener, ratchet 1-7
fender, inner 1-7
fill plug 9-3
fitting, thread-forming grease 5-5
flasher 6-25
floor mat 1-3, 1-5, 1-7
flywheel puller 10-7
Forward/Reverse switch 6-17
Forward/Reverse switch case 6-17
frame, windshield 1-11, 1-13
front body 1-5
fuse block 6-17
fuse block cover 6-17
fuse, 20-amp 6-17
fuse, 3/8-amp 6-19
fuse, 30-amp 7-3

G

gasket
 controller 6-21
 liquid 9-3, 10-7
 plug 9-3
 seat 1-9
gauge, compression 10-5
gear
 differential 9-3
 differential idler 9-3
 intermediate, 10.3
 1 9-3

output 10.3
 1 9-3
gear case 9-3
gear yoke 10-7
governor shaft installation tool 10-7
grease fitting 5-5
grommet, rear body 1-7
guide
 valve seat cutter 10-11
guide ring adhesive 10-3
guide, steering rack 5-5

H

handle, PowerDrive 2 7-3
handle, seat 1-9
hanger 5-11
hanger, brake cable 4-3
harness, back-up light (CA, MA, and VT only) 6-13
harness, DC/DC converter output 6-19
harness, headlight wire 6-11
harness, wiper motor (Type A) 6-31
harness, wiper motor (Type B) 6-33
harness, wire (CA, MA, and VT models) 6-5
harness, wire (NY model) 6-9
H-bracket, left-hand 1-7
H-bracket, right-hand 1-7
headlight 6-11
heatsink 7-3
hold-down, battery 6-19
holder, drink 1-3
horn 6-11
housing
 differential 9-3
 female 3-wire 8-3
hydraulic brake adjuster 10-7
hydrometer 10-7

I

indicator, battery 6-15
inner fender 1-7
input gear bearing 9-3
input shaft 9-3
input shaft oil seal 9-3
insert, wood 1-9
intermediate gear, 10.3
 1 9-3
internal retaining ring pliers 10-7
IQ display module (IQDM) 10-7

J

J-bolt 6-19
joint
 compound steering 5-3
 inner ball 5-5
 left-hand thread ball 5-5, 5-7

INDEX

jounce bumper 5-11
jounce bumper mount 5-11

K

key (vehicle) 6-15
key switch 6-15
kingpin 5-9
kit
 2-pin plug 6-23, 6-29
 2-pin receptacle 6-29
 3-pin plug 6-23, 8-3
 3-pin plug and wedge lock 6-17
 3-pin receptacle and wedge lock 6-17
 4-pin plug and wedge lock 6-17
 4-pin receptacle and wedge lock 6-17
 6-pin plug 6-21
 6-pin receptacle 6-21
 accelerator pivot rod 4-9
 bagwell protector 1-3
 bearing and magnet 8-3
 brake pedal adjustment tool 10-3
 drink holder 1-3
 fuse and receptacle 6-19
 IQ controller connector 6-21
 IQ display module (IQDM) 10-7
 shock absorber cushion 5-11
 shock absorber, rear 5-11
 snap washer (dash mounting) 1-3
 steering column rebuild 5-3
 tune-up 10-9
kit, back-up light (CA, MA, and VT vehicles) 6-13
kit, hardware, taillight 6-13
knob, light switch 6-15

L

label
 VIN decal 3-7
lamp, assembly, turn signal 6-25
lamp, brake, center 1-17, 6-13
latch
 park brake 4-5
lens, headlight 6-11
lens, taillight 6-13
license plate holder, front 1-5
license plate holder, rear 1-3
light, back-up (CA and NY) 6-13
light, battery warning 6-15
light, turn signal (NY only) 6-11, 6-25
link, rack and pinion drag 5-5
liquid gasket 9-3, 10-7
lower pinion bearing 5-5
lubricant, dry moly 10-7
lubricant, moly-teflon 10-7
lug nut 2-3
lug stud 9-3

M

magnet 8-3
magnetic plug 9-3
mat, floor 1-3, 1-5, 1-7
MCOR (motor controller output regulator) 6-23
meter, volt ohm 10-11
mirror, rearview 1-11
mirror, side 1-11
module
 calibration test 10-3
 communication display 10-5
moly-teflon lubricant 10-7
motor bumper 8-3
motor, 48-volt IQ 8-3
motor, wiper (Type A) 6-31
motor, wiper (Type B) 6-33
mount, angled bumper 5-11
mounting pad (windshield frame) 1-11
mounting plate (rear bumper) 1-3

N

nameplate 3-3
net, cargo 1-3
nut, key switch 6-15
nut, lug 2-3, 5-9

O

output gear, 10.3
 1 9-3

P

package, brush 8-3
pad
 accelerator pedal 4-9
 brake pedal 4-5
 mounting (windshield frame) 1-11
 park brake 4-5
 spring 5-11
 wear 1-3, 1-7
paint, touch-up 10-7
panel, center dash 1-3
park brake latch 4-5
park brake pedal 4-5
pedal
 accelerator 4-9
pin
 differential 9-3
 equalizer pivot 4-5
pinion, steering 5-5
piston ring compressor 10-9
piston ring pliers 10-9
pivot support bearing 4-9
plastic barrel 1-3
plate

 backing (brake) 4-3, 4-7
 body hinge 1-7
 body kick 1-7
 component mounting 6-21
 front spring retainer 5-9
 heatsink 7-3
 mounting (rear bumper) 1-3
 receptacle backing 6-19
 scorecard 5-3
 seat hinge 1-9
 spring mounting 5-7
 thrust (idler gear) 9-3
plate, backing, front, H-bracket
 H-bracket backing plate, front 1-7
plate, backing, rear, H-bracket
 H-bracket backing plate, rear 1-7
pliers
 internal retaining ring 10-7
 piston ring 10-9
 retaining ring 10-9
plug
 2-pin 6-23, 6-29
 3-pin 6-23, 8-3
 6-pin 6-21
 driven clutch puller 10-5
 fill 9-3
 magnetic 9-3
plug gasket 9-3
power relay 7-3
PowerDrive 2 battery charger 7-3
press weldment 10-5
protector spray, battery terminal 10-3
protector, bagwell 1-3
puller
 bearing 10-3
 clutch 10-3
 drive clutch 10-5
 drive clutch hub 10-5
 driven clutch cam 10-5
 flywheel 10-7
 seal 10-9
 special use tool 10-9

R

rack, steering 5-5
ratchet fastener 1-7
reamer, valve guide 10-9
rear bumper 1-3
rearview mirror 1-11
rearview mirror set screw 1-11
rearview side mirror 1-11
receptacle
 2-pin 6-29
 6-pin 6-21
receptacle (fuse) 6-19
receptacle backing plate 6-19

INDEX

receptacle bezel 6-19
receptacle wedge lock 1-17
receptacle, two-pin 1-17
reflector, round 3-5
regulator, motor controller output (MCOR) 6-23
relay
 48-VDC power 7-3
 brake light 6-11
remover, bearing and oil seal 10-3
resistor 6-21
retainer
 bearing 8-3
 headlight 6-11
 push on 6-15
 shock absorber cushion 5-11
 shoe 4-3
 springs 4-9
retaining ring pliers 10-9
return spring bumper 4-9
reverse buzzer 6-11
rigging, brush 8-3
ring
 C-type stop 5-5
 retaining (steering gear box) 5-5
 snap 5-5
ring, retaining (steering column) 5-3
rivet, blind 1-5
rod
 accelerator pivot 4-9
 equalizer 4-5
 tie 5-7
rod and pawl 4-5

S

6-pin plug 6-21
6-pin receptacle 6-21
safety belt and latch assembly 1-17
safety first card 10-9
scorecard plate 5-3
screw
 bearing retainer 8-3
 clamp 8-3
screw, valve clearance adjuster 10-9
seal
 double lip 5-9
 dust (steering gear box) 5-5
 dust, steering pinion 5-5
 oil, axle shaft 9-3
 oil, input shaft 9-3
seal puller 10-9
seat
 bearing 5-3
seat back 1-9
seat bottom assembly 1-9
seat bottom cover 1-9

seat handle 1-9
seat hinge plate 1-9
seatbelt and latch assembly 1-17
sensor
 motor speed 8-3
set screw, rearview mirror 1-11
shaft
 input 9-3
 steering column 5-3
shield, end 8-3
shock absorber cushion 5-11
shock absorber cushion retainer 5-11
shock absorber, front 5-7
shock absorber, rear 5-11
shoe retainer 4-3, 4-7
side guard trim bumper 1-5
side mirror 1-11
sleeve
 delta inner 5-7
 delta outer 5-7
 park brake rod 4-5
snap ring 5-5
solenoid
 48-volt 6-21
spacer
 1/2 (fender mounting) 1-7
 1-7/8 (fender mounting) 1-7
 equalizer 4-5
 park brake 4-5
spacer (accelerator pivot rod) 4-9
spacer, overload bumper 5-11
spanner wrench 10-9
speedometer 6-15
speedometer bracket (NY only) 6-15
spray, battery terminal protector 10-3
spring
 accelerator pedal retainer 4-9
 brake 4-3, 4-7
 brake return 4-5
 brush 8-3
 compression 5-3
 park brake torsion 4-5
 return 4-9
 tapered leaf 5-9
 yoke 5-5
stator shell 8-3
steel bushing 5-9, 5-11
steering column 5-3
steering column bearing press tool 10-9
steering column cover 6-25
steering column mounting bracket 5-3
steering column retaining ring tool 10-9
steering column shaft 5-3
steering gear box 5-5
steering wheel 5-3
steering wheel puller tool 10-9

stem, valve 2-3
strap
 a-plate 5-7
stud
 lug 5-9, 9-3
support
 accelerator pivot rod 4-9
 body 1-7
suppressor, voltage 6-11
switch
 Forward/Reverse 6-17
 key 6-15
 light 6-15
 limit 6-15
 Tow/Run 6-17

T

2-pin plug 6-23, 6-29
2-pin receptacle 6-29
3-pin plug 6-23, 8-3
3-pin plug and wedge lock 6-17
3-pin receptacle and wedge lock 6-17
3/8-amp fuse 6-19
tachometer 10-9
tachometer probe, diesel 10-9
taillight assembly (rectangular) 6-13
taillight assembly (round) 6-13
taillight base 6-13
taillight bezel 6-13
taillight bulb 6-13
taillight hardware kit 6-13
taillight lens 6-13
terminal block 6-11
terminal block (controller) 6-21
tester, continuity 10-5
thermometer, battery 10-3
tie rod 5-7
tie, wire 5-5, 6-11, 6-17, 6-21, 6-31, 6-33
tie, wire, 5.5-inch black 6-31, 6-33
tire 2-3
T-nut, slab base 1-5
tool
 accelerator pedal adjustment 10-3
 belt tensioning, starter/generator 10-11
 brake adjustment 10-3
 brake cable release 10-3
 brake pedal adjustment 10-3
 brake pedal tension 10-3
 cam installation 10-3
 carburetor float level 10-7
 charger bezel 10-3
 clutch alignment 10-5
 cT-wrench 10-5
 drive clutch fixed sheave 10-5
 drive clutch holder 10-5
 drive clutch spider removal 10-5

INDEX

driven clutch spring compression base 10-5
driven clutch spring compression collar 10-5
driven clutch spring compression nut 10-5
governor shaft installation 10-7
puller, special use 10-9
steering column bearing press 10-9
steering column retaining ring 10-9
steering wheel puller 10-9
transaxle axle seal 10-9
transaxle pinion seal 10-9
transmission 10-9
valve guide driver 10-9
valve seat cutter 10-5
tool kit, clutch 10-5
TOPS bar and seatbelt assembly 1-17
touch-up paint 10-7
Tow/Run switch 6-17
transaxle axle seal tool 10-9
transaxle pinion seal tool 10-9
transaxle, type G, 10.3
 1 ratio 9-3
transformer 7-3
transmission tool 10-9
trim, front body 1-5
tube, gusset, rear 1-15
tune-up kit 10-9
turn signal bulb (NY only) 6-11, 6-25
turn signal lamp assembly 6-25
turn signal light (NY only) 6-11, 6-25
20-amp fuse 6-17
T-wrench tool 10-5

U

U-bolt 5-11
upper pinion bearing 5-5
urethane bushing 5-7, 5-9, 5-11

V

valve clearance adjuster screw 10-9
valve guide driver tool 10-9
valve guide reamer 10-9
valve seat cutter 10-5, 10-11
valve seat cutter guide 10-11
valve seat cutter tool 10-5
valve seat t-wrench 10-11
valve spring compressor 10-11
valve, stem 2-3
VIN decal 3-7
volt ohm meter 10-11
voltage suppressor 6-11

W

washer

kingpin wave 5-9
 snap washer kit (dash mounting) 1-3
wear pad 1-3, 1-7
wedge (steering column) 5-3
wedge lock, receptacle 1-17
wedge, bearing puller 10-3
weldment
 press 10-5
wheel 2-3
wheel, steering 5-3
windshield 1-13
windshield channel 1-13
windshield frame 1-11, 1-13
windshield frame mounting pad 1-11
wiper arm (adjustable) 6-33
wiper arm (fixed-length) 6-31
wiper blade 6-31, 6-33
wiper motor (Type A) 6-31
wiper motor (Type B) 6-33
wiper motor harness (Type A) 6-31
wiper motor harness (Type B) 6-33
wire and terminal 6-21
wire assembly 6-19, 6-21
wire assembly, battery charger 7-3
wire assembly, forward/reverse switch 6-17
wire assembly, IQDM port 6-17
wire assembly, sense lead 6-19
wire harness (CA, MA, and VT models) 6-5
wire harness (NY model) 6-9
wire harness, lower, brake light high mount 1-7
wire harness, upper, brake light high mount 1-17
wire harness, wiper motor (Type A) 6-31
wire harness, wiper motor (Type B) 6-33
wire tie 5-5, 6-11, 6-17, 6-21, 6-31, 6-33
wire tie, 5.5-inch black 6-31, 6-33
wood insert 1-9
wrench, spanner 10-9

Y

yoke spring 5-5
yoke, gear 10-7

Z

Z-bracket 6-21



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