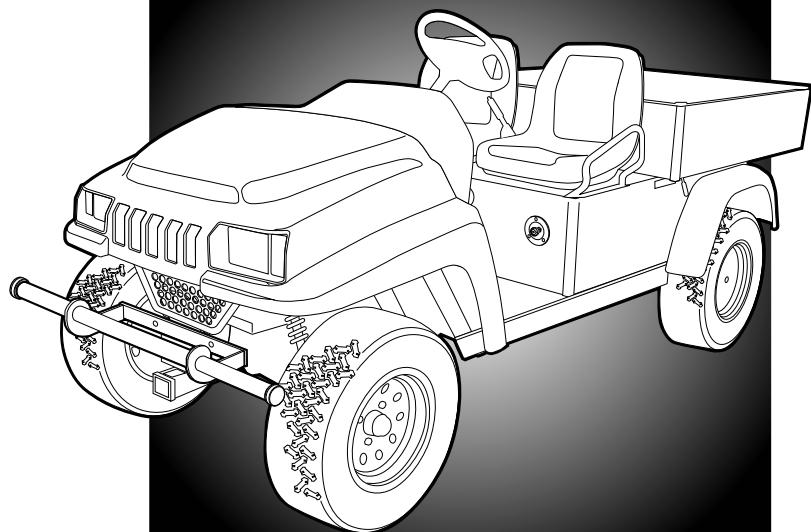


# Club Car

®

## 2004-2005 ILLUSTRATED PARTS LIST



**TURF 272, CARRYALL 272,  
AND CARRYALL 472  
GASOLINE VEHICLES**

MANUAL NUMBER 102397505  
EDITION CODE 0105A00000



# USING THE ILLUSTRATED PARTS LIST

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## **⚠ WARNING**

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

This manual covers all 2003 Turf 272, Carryall 272™, and Carryall 472 vehicles.

The manual is divided into 13 sections. Sections 1 through 12 pertain to the 272 and 472 vehicles, and Section 13 pertains to tools that are used on all Club Car products. Note that there are two flags on the outside edge of each page. The first flag contains the section number of which that page is a part. The other flag contains the letter G, signifying that the page pertains to the gasoline vehicle only.

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

There are some wiring diagrams in this manual that cover two pages. For these diagrams the parts list page will be on the next two-page 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](http://www.clubcar.com) and clicking on the “*Distributor Search*” link or by calling our toll-free Service Parts and Technical Assistance hotline at (800) 872-2246 or (706) 863-3000, extension 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](http://www.clubcar.com)

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

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

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This manual effective July 23, 2003.

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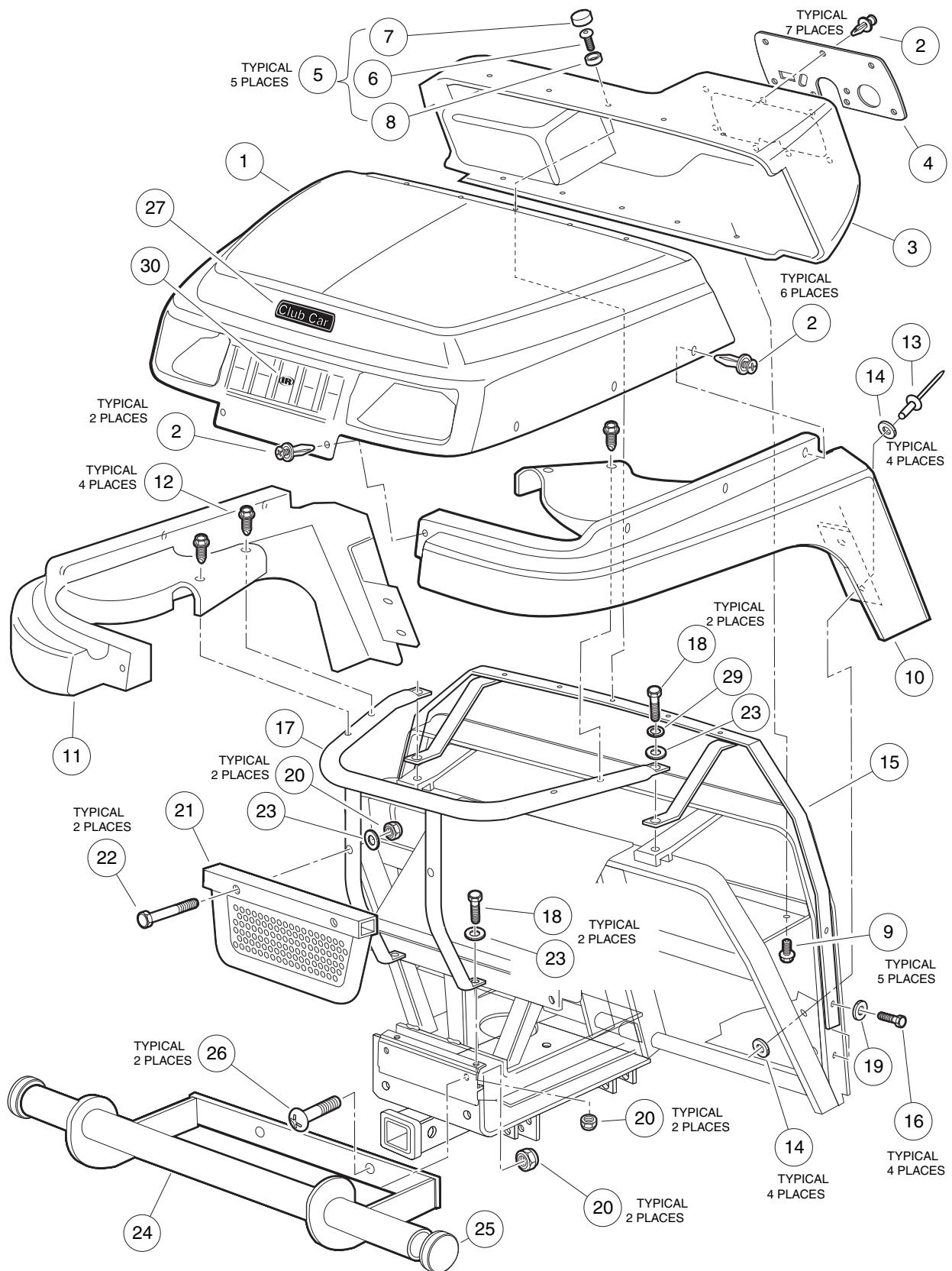
# BODY AND TRIM

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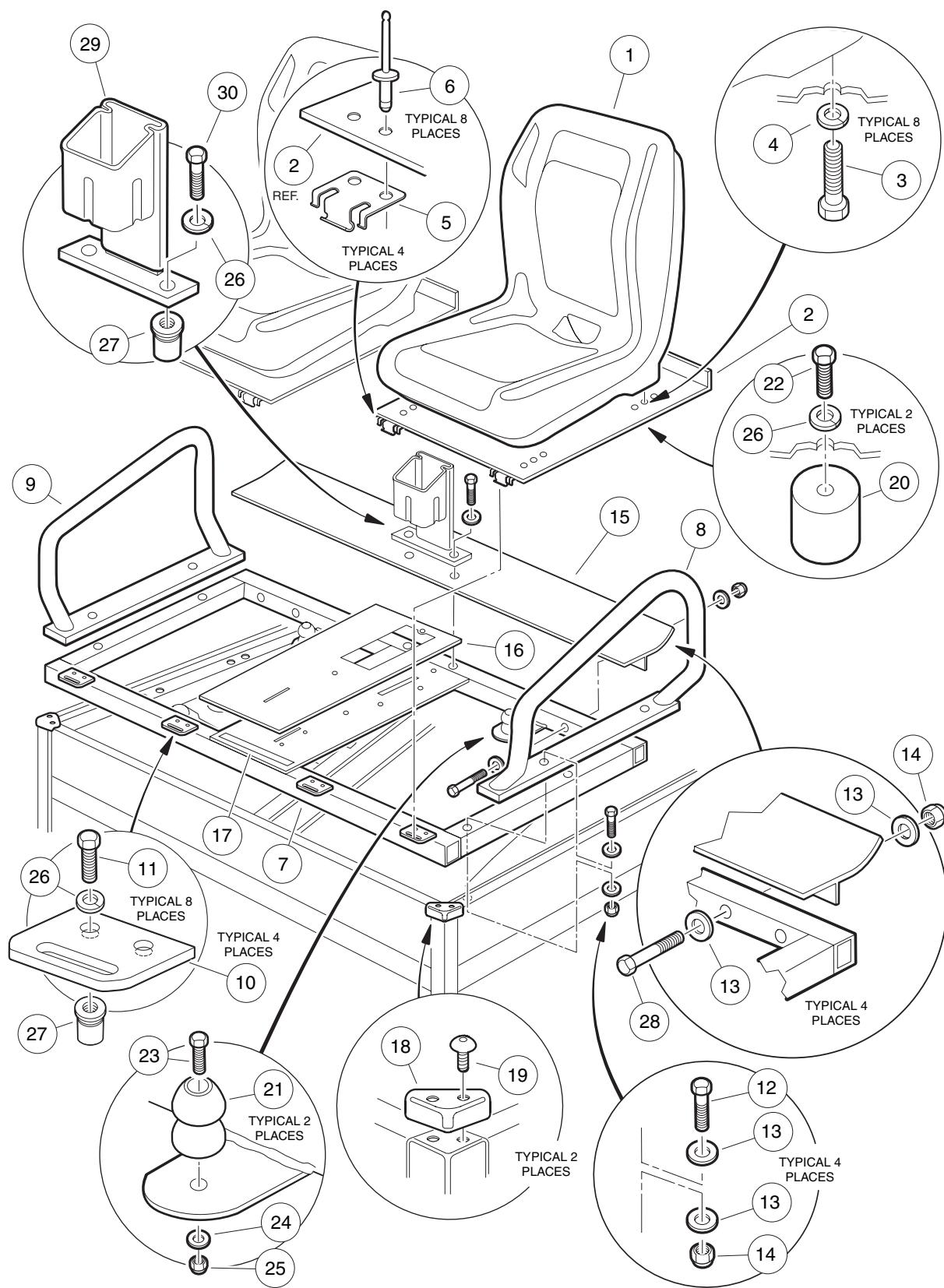


# FRONT BODY TRIM

ITEM	PART NO.	DESCRIPTION	QTY	
		1 2 3 4		
1	<u>102021710</u>	Body, Front with Headlight Opening (dark green) (Turf 272 only) .....	1	
1	<u>102021714</u>	Body, Front with Headlight Opening (dark gray) (Carryall 272 and Carryall 472 only) .....	1	
2	<u>102025701</u>	Screw, Tuflok .....	15	
3	<u>102021801</u>	Dashboard .....	1	
4	<u>102030501</u>	Panel, Dash .....	1	
5	<u>102056901</u>	Kit, Dash Hardware (includes items 6 - 8) .....	1	
6	<u>102025801</u>	Screw, Truss-Head, Type C, 1/4-20 x 3/4 .....	5	
7	<u>102045001</u>	Cap .....	5	
8	<u>102048401</u>	Washer .....	5	
9	<u>1017384</u>	Screw, Hex Washer-Head, Type AB, #12 .....	5	
10	<u>102021501</u>	Fender, Front, Driver-Side .....	1	
11	<u>102021601</u>	Fender, Front, Passenger-Side .....	1	
12	<u>1010545</u>	Screw, Hex Washer-Head, Type AB, 1/4-14 x 3/4 .....	4	
13	<u>1606</u>	Rivet, Blind, 3/16 x 1/2 .....	4	
14	<u>183</u>	Washer, Flat, Type A, #10 .....	8	
15	<u>102015701</u>	Support, Upper Front Body .....	1	
16	<u>1012285</u>	Screw, Hex-Head Thread-Rolling, 1/4-20 x 5/8 .....	4	
17	<u>102015801</u>	Support, Lower Fender .....	1	
18	<u>102078101</u>	Screw, Hex-Head Cap, 5/16-18 x 2-1/2 .....	4	
19	<u>332</u>	Washer, Flat, Type A, 1/4 .....	4	
20	<u>7473</u>	Nut, Nylon Lock, 5/16-18 .....	6	
21	<u>102013901</u>	Grill .....	1	
22	<u>1010921</u>	Screw, Hex-Head Cap, 5/16-18 x 2-1/2 .....	2	
23	<u>1241</u>	Washer, Flat, Type A, 5/16 .....	6	
24	<u>102055801</u>	Bumper, Tube .....	1	
25	<u>102058401</u>	Cap, Tuber Bumper .....	2	
26	<u>7410</u>	Screw, Phillips Truss-Head, 5/16-18 x 1-1/4 .....	4	
27	<u>102046501</u>	Decal, Club Car Nameplate .....	1	
28	<u>102160101</u>	Mat, Floor (not shown) .....	1	
29	<u>7174</u>	Washer, Lock, 5/16 .....	2	
30	<u>102259001</u>	Decal, IR (Turf 272 only) .....	1	

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# FRONT SEATS

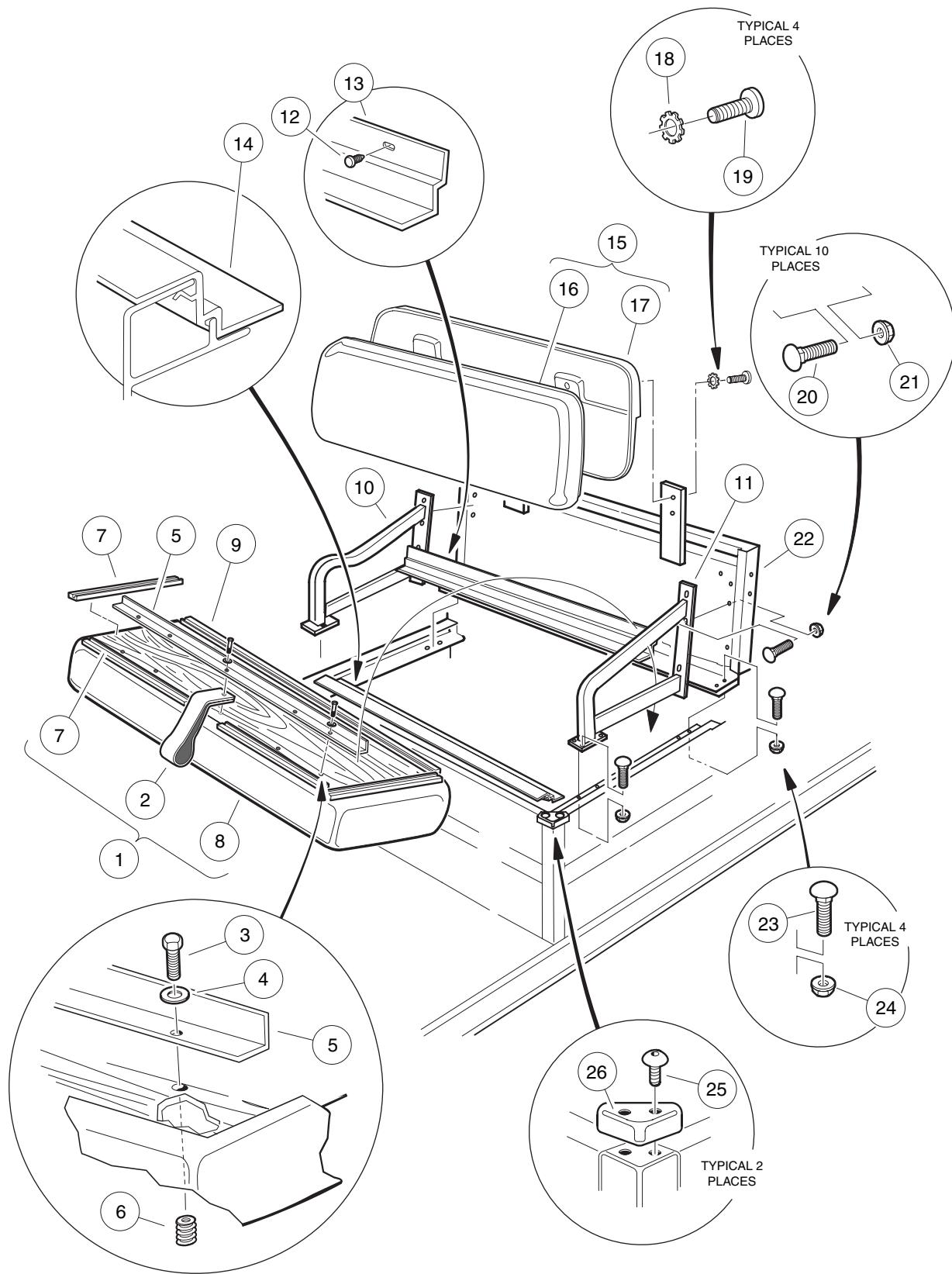
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102026501</u>	Seat, Bucket – Gray .....	2
2	<u>102023701</u>	Panel, Seat .....	2
3	<u>1012830</u>	Screw, Hex-Head, M8 x 1.25 x 22 mm .....	8
4	<u>1013734</u>	Washer, Lock, 8 mm .....	8
5	<u>1011652</u>	Plate, Hinge .....	4
6	<u>102047001</u>	Rivet, Pop, Stainless Steel, 1/4 x 1/2 .....	8
7	<u>102026901</u>	Weldment, Seat Support .....	1
8	<u>102024901</u>	Armrest, Driver-Side .....	1
9	<u>102025001</u>	Armrest, Passenger-Side .....	1
10	1012412	Plate, Hinge, Body .....	4
11	7847	Screw, Hex-Head Cap, 1/4-20 x 3/4 .....	8
12	8935	Screw, Hex-Head Cap, 5/16-18 x 2-1/4 .....	4
13	<u>1011697</u>	Washer, Flat, 5/16 .....	16
14	7473	Nut, Nylon Lock, 5/16-18 .....	8
15	<u>102029501</u>	Seal, Bed (Turf 272 and Carryall 272 only) .....	1
16	<u>102026401</u>	Cover, Console .....	1
17	N/A	Tape, VHB .....	A/R
18	<u>1014387</u>	Cap, Corner .....	2
19	<u>1014321</u>	Screw, Torx Truss-Head, 1/4-14 x 3/4 .....	4
20	<u>102061101</u>	Cup, Seat Holder .....	2
21	<u>102059001</u>	Base, Seat Holder .....	2
22	<u>102059401</u>	Screw, Hex-Head Cap, M6 x 1 x 10 mm .....	2
23	<u>102059501</u>	Screw, Hex-Head Cap, M6 x 1 x 35 mm .....	2
24	332	Washer, Flat, Type A, 1/4 .....	2
25	<u>101887601</u>	Nut, Nylon Lock, M6 .....	2
26	451	Washer, Lock, 1/4 .....	12
27	<u>102060201</u>	Insert, Threaded, 1/4-20 .....	10
28	7311	Screw, Hex-Head Cap, 5/16-18 x 2 (Turf 272 and Carryall 272 only) .....	4
29	<u>102068501</u>	Holder, Radio/Beverage .....	1
30	7847	Screw, Hex-Head Cap, 1/4-20 x 3/4 .....	2

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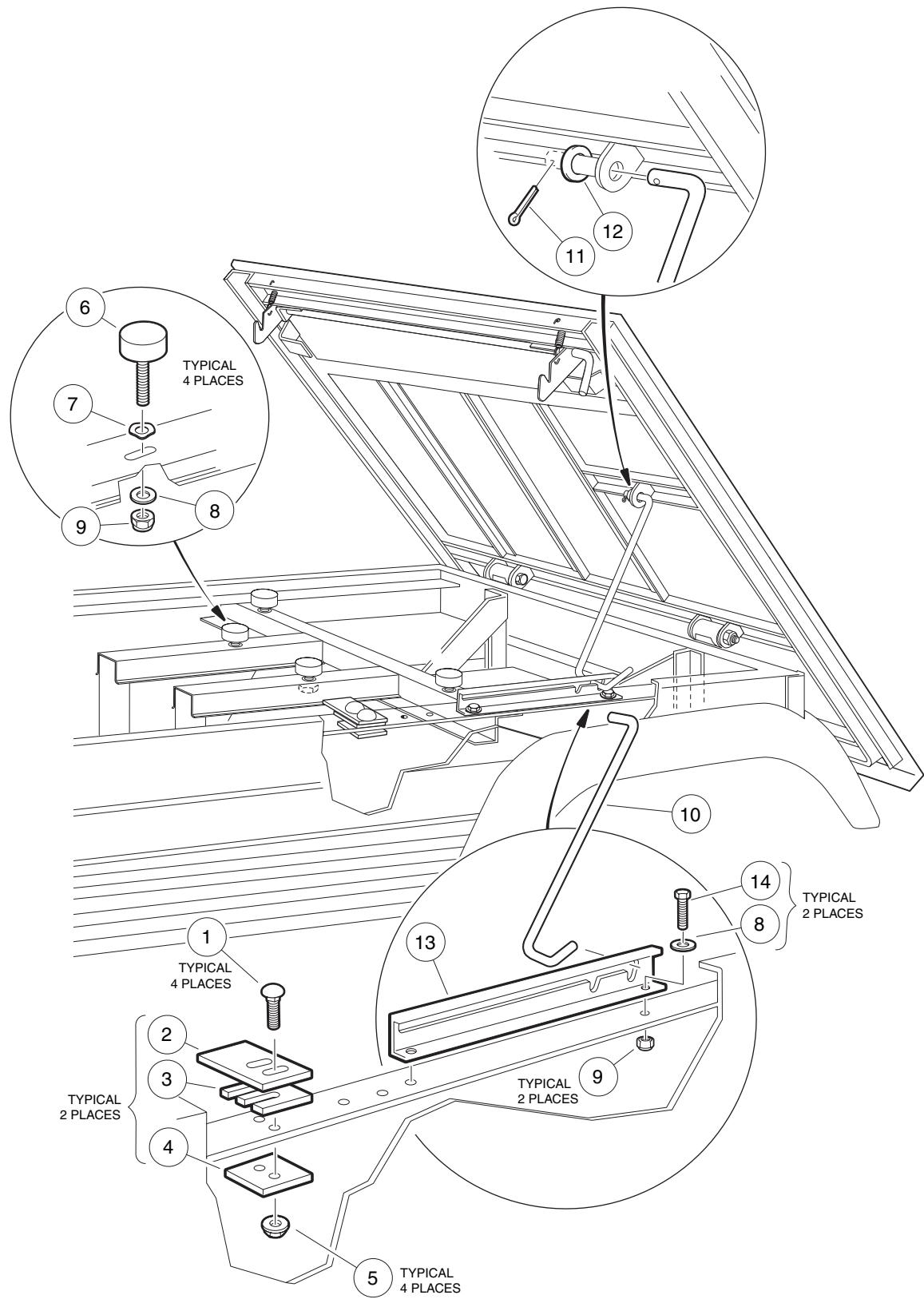
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# REAR SEAT AND SUPPORT STRUCTURE – CARRYALL 472 VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>101564505</u>	Assembly, Seat Bottom (gray) (includes items 2 - 9)	1
2	<u>1013309</u>	Strap, Seat Bottom	1
3	<u>101954301</u>	Screw, Hex-Head Cap with Adhesive Patch, 1/4-20 x 3/4	5
4	<u>332</u>	Washer, Flat, 1/4	5
5	<u>101894303</u>	Stiffener, Seat	1
6	<u>1010543</u>	Insert, Wood	5
7	<u>1013311</u>	Bumper, Seat, Short	4
8	<u>101562710</u>	Cover, Vinyl Seat Bottom (gray)	1
9	<u>1013312</u>	Bumper, Seat, Long	1
10	<u>101888501</u>	Assembly, Armrest, Passenger	1
11	<u>101888502</u>	Assembly, Armrest, Driver	1
12	<u>1010434</u>	Barrel, Plastic	5
13	<u>101963901</u>	Trim, Seat Bottom, Rear	1
14	<u>101964001</u>	Trim, Seat Bottom, Front	1
15	<u>101677705</u>	Assembly, Seat Back (gray) (includes items 16 and 17)	1
16	<u>101675506</u>	Cover, Vinyl Seat Back (gray)	1
17	<u>1016751</u>	Cap, Seat Back (black)	1
18	<u>101946201</u>	Washer, External Tooth Lock, 1/4	4
19	<u>8251</u>	Screw, Phillips Truss-Head, 1/4-20 x 1	4
20	<u>101958601</u>	Bolt, Carriage, 1/4-20 x 3/4	10
21	<u>101835601</u>	Nut, Flange, 1/4-20	10
22	<u>1016723</u>	Panel, Seat Support	1
23	<u>101963301</u>	Bolt, Carriage, 5/16-18 x 3/4	4
24	<u>101963401</u>	Nut, Flange, 5/16-18	4
25	<u>1014321</u>	Screw, Torx Truss-Head, 1/4-14 x 3/4	4
26	<u>1014387</u>	Cap, Corner	2

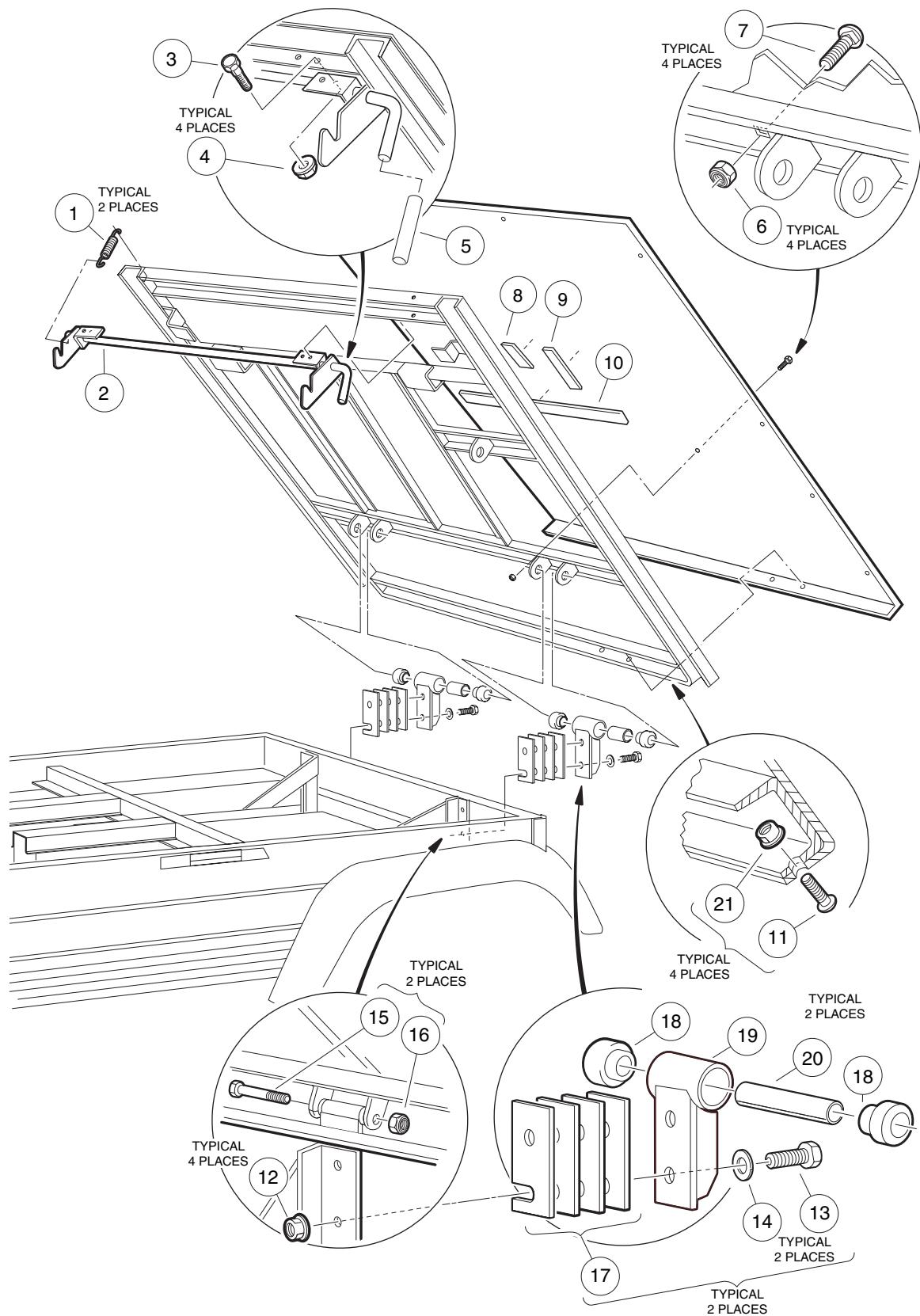
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# LATCH PLATE AND PROP ROD – TURF 272 AND CARRYALL 272 VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY	
		1 2 3 4		
1	<u>101958602</u>	Bolt, Carriage, 1/4-20 x 1 .....	4	
2	<u>1015277</u>	Plate, Tilt Bed Latch .....	2	
3	<u>1016078</u>	Shim, Latch Plate .....	A/R	
4	<u>1016060</u>	Support, Latch Plate .....	2	
5	<u>101835601</u>	Nut, Flanged, 1/4-20 .....	4	
6	<u>1010878</u>	Bumper, Rubber .....	4	
7	<u>1016201</u>	Washer, Wave .....	4	
8	<u>332</u>	Washer, Flat, Type A, 1/4 .....	4	
9	<u>8233</u>	Nut, Nylon Lock, 1/4-20 .....	4	
10	<u>102301401</u>	Rod, Prop .....	1	
11	<u>1035</u>	Pin, Cotter, 3/32 x 1 .....	1	
12	<u>334</u>	Washer, Flat, 3/8 .....	1	
13	<u>101921601</u>	Track, Prop Rod .....	1	
14	<u>7847</u>	Screw, Hex-Head Cap, 1/4-20 x 3/4 .....	2	

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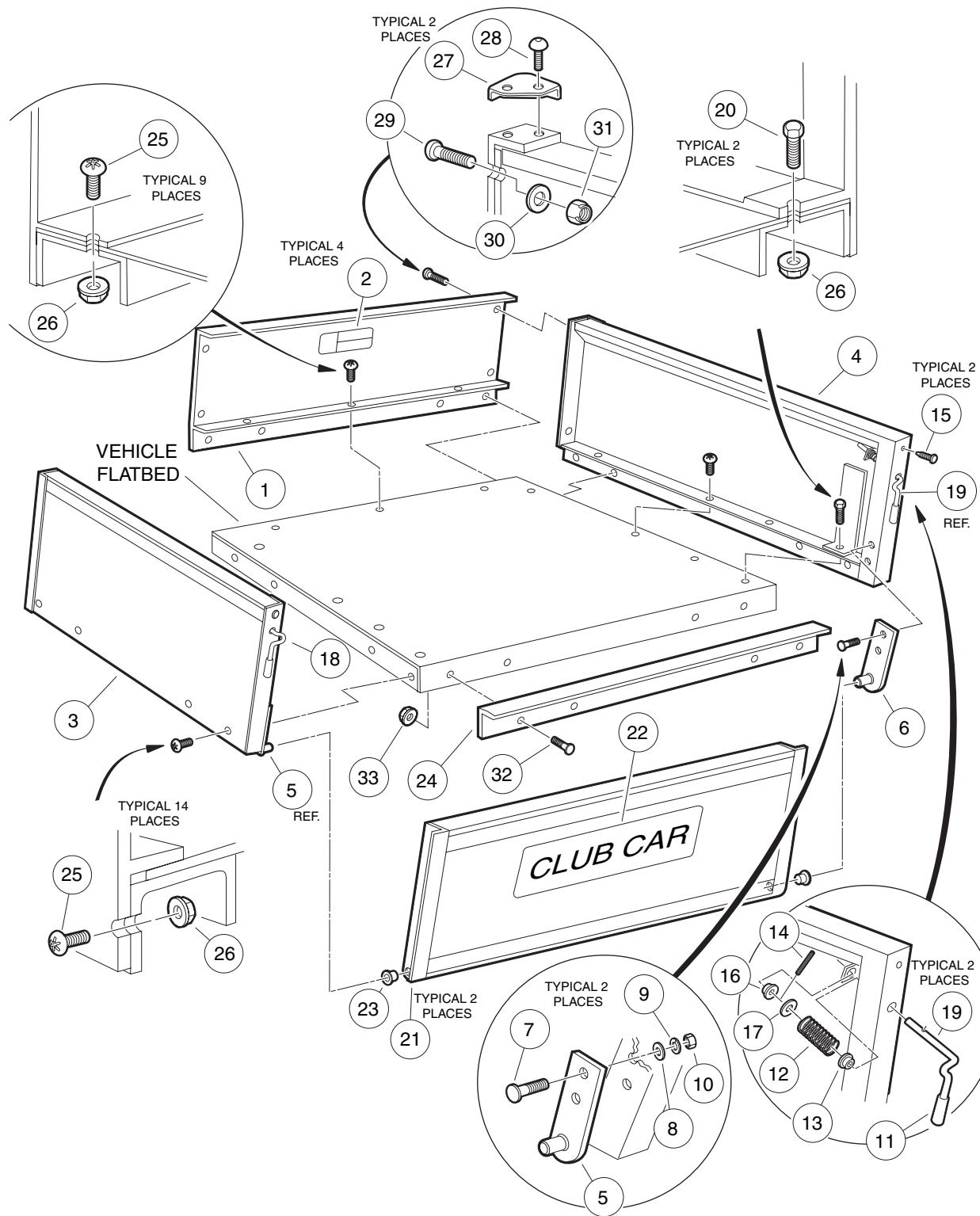


# TILT BED, HINGE AND LATCH – TURF 272 AND CARRYALL 272 VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	<u>101542901</u>	Assembly, Tilt Bed, Manual Lift (includes items 1 - 11) .....	1
1	<u>1015391</u>	Spring, Latch Extension .....	2
2	<u>1015252</u>	Assembly, Latch Weld .....	1
3	<u>403</u>	Screw, Hex-Head Cap, 1/4-20 x 5/8 .....	4
4	<u>101835601</u>	Nut, Flanged Lock, 1/4-20 .....	4
5	<u>1015400</u>	Hand Grip, Tilt Latch .....	1
6	<u>7473</u>	Nut, Nylon Lock, 5/16-18 .....	4
7	<u>1010435</u>	Bolt, Carriage, 5/16-18 x 1 .....	4
8	<u>1014471</u>	Insulation, Bulk (4 inches long) .....	A/R
9	<u>1014471</u>	Insulation, Bulk (8 inches long) .....	A/R
10	<u>1014471</u>	Insulation, Bulk (46 inches long) .....	A/R
11	<u>1015399</u>	Screw, Torx Truss-Head, 5/16-18 x 5/8 .....	4
12	<u>102065901</u>	Nut, Dimpled Flanged Lock, 3/8-16 .....	4
13	<u>705</u>	Screw, Hex-Head Cap, 3/8-16 x 1-1/4 .....	4
14	<u>102066001</u>	Washer, Flat, Type B, 3/8 .....	4
15	<u>8755</u>	Screw, Hex-Head Cap, 3/8-16 x 3-3/8 .....	2
16	<u>8754</u>	Nut, Nylon Lock, 3/8-16 .....	2
17	<u>1015507</u>	Shim, Tilt Bed Pivot .....	A/R
18	<u>1015583</u>	Bushing, Urethane .....	4
19	<u>1015356</u>	Hinge, Tilt Bed .....	2
20	<u>1012303</u>	Bushing, Steel .....	2
21	<u>101963401</u>	Nut, Flanged Lock, 5/16-18.....	4
		For latch plate and prop rod components, see page 1-9.	

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**CARGO BOX –  
TURF 272 AND CARRYALL 272 VEHICLES**

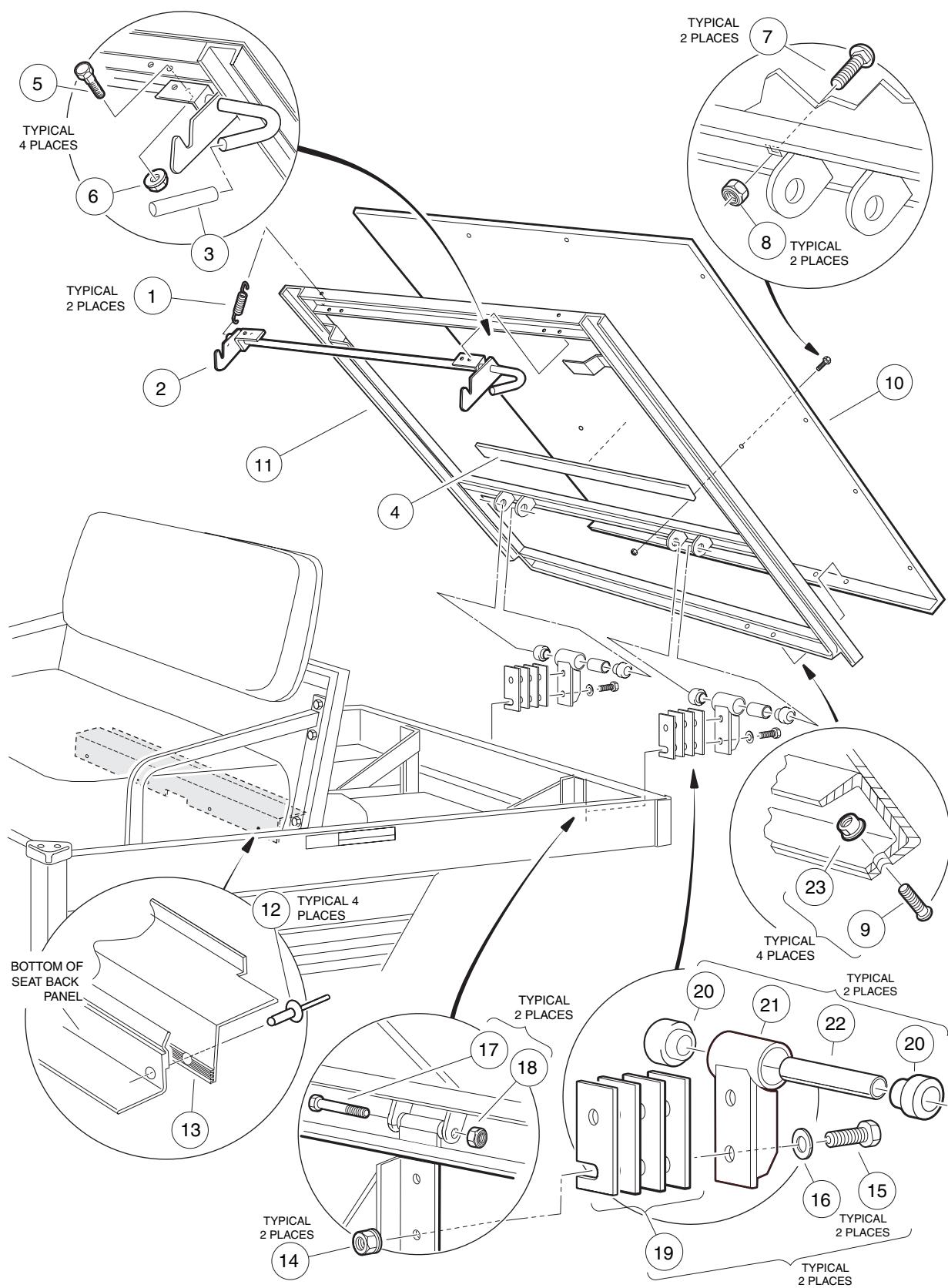
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102030001</u>	Assembly, Front Panel (includes item 2) .....	1
2	<u>101553901</u>	Decal, Bed Load .....	1
3	<u>102029801</u>	Assembly, Side Panel, Driver-Side (includes items 5 and 7 - 18) .....	1
4	<u>102029601</u>	Assembly, Side Panel, Passenger-Side (includes items 6 - 17 and 19) .....	1
5	<u>1014513</u>	Bracket, Tailgate, Driver-Side .....	1
6	<u>1014514</u>	Bracket, Tailgate, Passenger-Side .....	1
7	<u>1014537</u>	Stud, Flush Head .....	4
8	<u>1241</u>	Washer, Flat, 5/16 .....	4
9	<u>7174</u>	Washer, Lock, 5/16 .....	4
10	<u>1242</u>	Nut, Hex, 5/16-18 .....	4
11	<u>1015400</u>	Grip, Hand .....	2
12	<u>1015390</u>	Spring, Compression .....	2
13	<u>1032</u>	Bushing, Nylon .....	2
14	<u>1231</u>	Roll Pin, 1/8 x 1 .....	2
15	<u>1010434</u>	Barrel, Plastic - Black .....	2
16	<u>1015363</u>	Bushing .....	2
17	<u>1011990</u>	Washer, Flat, 3/8 .....	2
18	<u>1015313</u>	Latch, Driver-Side .....	1
19	<u>1015245</u>	Latch, Passenger-Side .....	1
20	<u>1010934</u>	Screw, Hex-Head Cap, 5/16-18 x 1 .....	2
21	<u>102030201</u>	Assembly, Tailgate (includes item 22) .....	1
22	<u>1013317</u>	Decal, Club Car Tailgate (Turf 272) .....	1
22	<u>102234901</u>	Decal, Club Car Tailgate (Carryall 272) .....	1
23	<u>7049</u>	Bushing, Nylon .....	2
24	<u>101894302</u>	Angle, Tailgate .....	1
25	<u>1015399</u>	Screw, Torx Truss-Head, 5/16-18 x 3/4 .....	23
26	<u>101963401</u>	Nut, Flange Lock, 5/16-18 .....	25
27	<u>1014387</u>	Cap, Corner .....	2
28	<u>1014321</u>	Screw, Torx Truss-Head, #10-24 x 3/8 .....	4
29	<u>1014415</u>	Screw, Torx Truss-Head, 1/4-20 x 3/4 .....	4
30	<u>332</u>	Washer, Flat, Type A, 1/4 .....	4
31	<u>8233</u>	Nut, Nylon Lock, 1/4-20 .....	4
32	<u>1014537</u>	Stud, Flush Head .....	4
33	<u>101963401</u>	Nut, Flanged, 5/16-18 .....	4

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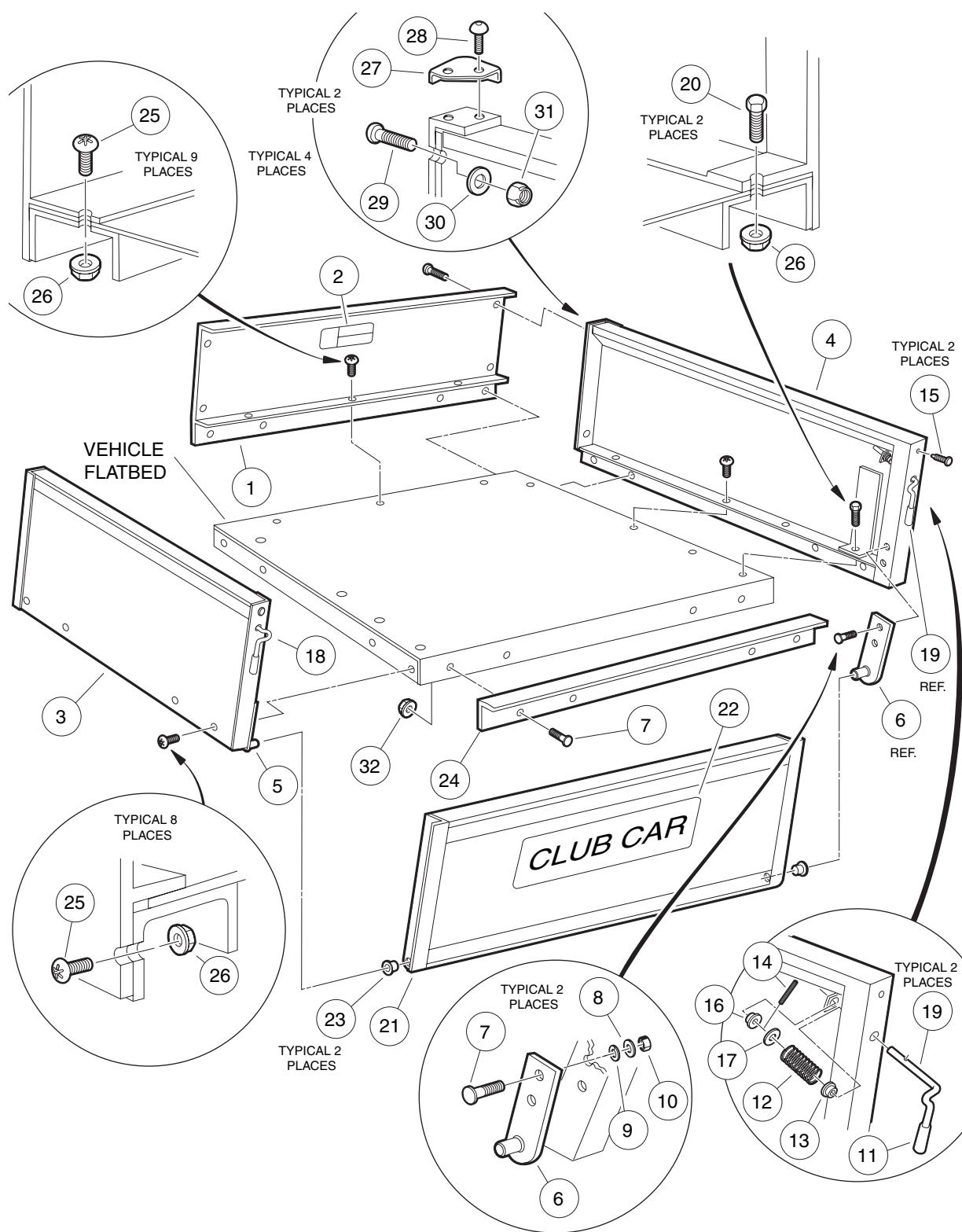


# TILT BED, HINGE AND LATCH – CARRYALL 472 VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY
	****	1 2 3 4	
1	<u>1015391</u>	Assembly, Tilt Bed And Latch, Carryall 472 (includes items 1 - 11) .....	1
2	<u>102335001</u>	Spring, Latch Extension .....	2
3	<u>1015400</u>	Assembly, Latch Weld .....	1
4	<u>1014471</u>	Hand Grip, Tilt Latch .....	1
5	<u>403</u>	Insulation, Bulk, (42 inches long) .....	A/R
6	<u>101835601</u>	Screw, Hex-Head Cap, 1/4-20 x 5/8 .....	4
7	<u>1010435</u>	Nut, Flanged Lock, 1/4-20 .....	4
8	<u>7473</u>	Bolt, Carriage, 5/16-18 x 1 .....	2
9	<u>1015399</u>	Nut, Nylon Lock, 5/16-18 .....	2
10	<u>N/A</u>	Screw, Torx Truss-Head, 5/16-18 x 3/4 .....	4
11	<u>N/A</u>	Plate, Floor .....	1
12	<u>7532</u>	Assembly, Frame Weldment, Tilt Bed .....	1
13	<u>1017976</u>	Rivet, 5/16 .....	4
14	<u>102065901</u>	Seal, Bed .....	1
15	<u>705</u>	Nut, Dimpled Flange Lock, 3/8-16 .....	4
16	<u>102066001</u>	Screw, Hex-Head Cap, 3/8-16 x 1-1/4 .....	4
17	<u>8755</u>	Washer, Flat, Type B, 3/8 .....	4
18	<u>8754</u>	Screw, Hex-Head Cap, 3/8-16 x 3-3/8 .....	2
19	<u>1015507</u>	Nut, Nylon Lock, 3/8-16 .....	2
20	<u>1015583</u>	Shim, Tilt Bed Pivot .....	A/R
21	<u>1015356</u>	Bushing, Urethane .....	4
22	<u>1012303</u>	Assembly, Tilt Bed Hinge Weld .....	2
23	<u>101963401</u>	Bushing, Steel .....	2
		Nut, Flanged Lock, 5/16-18.....	4
		For latch plate components, see page 1-9.	
	****	Special order item available upon request.	

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# CARGO BOX – CARRYALL 472 VEHICLES

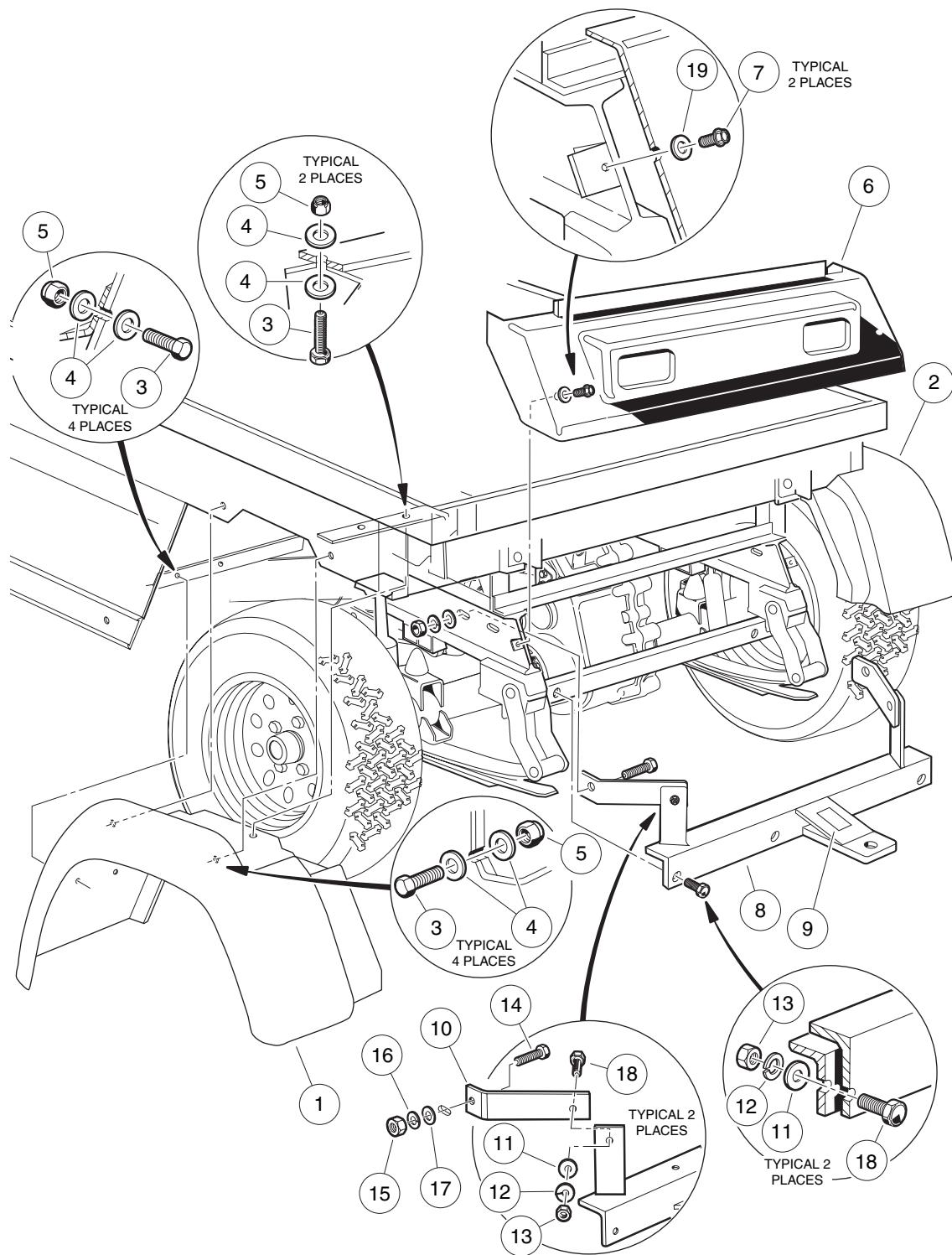
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1015606</u>	Kit, Cargo Box (includes items 1 - 32) .....	1
1	<u>1015413</u>	Front Panel Assembly (includes item 2) .....	1
2	<u>101553901</u>	Decal, Bed Load .....	1
3	<u>1015367</u>	Side, Panel Assembly, Driver-Side (includes items 5 and 7 - 18)	1
4	<u>1015365</u>	Side, Panel Assembly, Passenger-Side (includes items 6 - 17 and 19) .....	1
5	<u>1014513</u>	Bracket, Tailgate, Driver-Side .....	1
6	<u>1014514</u>	Bracket, Tailgate, Passenger-Side .....	1
7	<u>1014537</u>	Stud, Flush Head .....	8
8	<u>1241</u>	Washer, Flat, 5/16 .....	4
9	<u>7174</u>	Washer, Lock, 5/16 .....	4
10	<u>1242</u>	Nut, Hex, 5/16-18 .....	4
11	<u>1015400</u>	Grip, Hand .....	2
12	<u>1015390</u>	Spring, Compression .....	2
13	<u>1032</u>	Bushing, Nylon .....	2
14	<u>1231</u>	Roll Pin, 1/8 x 1 .....	2
15	<u>1010434</u>	Barrel, Plastic (black) .....	2
16	<u>1015363</u>	Bushing .....	2
17	<u>1011990</u>	Washer, Flat, 3/8 .....	2
18	<u>1015313</u>	Latch, Driver-Side .....	1
19	<u>1015245</u>	Latch, Passenger-Side .....	1
20	<u>1010934</u>	Screw, Hex-Head Cap, 5/16-18 x 1 .....	2
21	<u>1015414</u>	Tailgate Assembly (includes item 22) .....	1
22	<u>1013317</u>	Decal, Club Car Tailgate .....	2
23	<u>7049</u>	Bushing, Nylon .....	2
24	<u>101894701</u>	Kit, Tailgate Angle .....	1
25	<u>1015399</u>	Screw, Torx Truss-Head, 5/16-18 x 3/4 .....	17
26	<u>101963401</u>	Nut, Flanged Lock, 5/16-18 .....	19
27	<u>1014387</u>	Cap, Corner .....	2
28	<u>1014321</u>	Screw, Torx Truss-Head, #10-24 x 3/8 .....	4
29	<u>1014415</u>	Screw, Torx Truss-Head, 1/4-20 x 3/4 .....	4
30	<u>332</u>	Washer, Flat, 1/4 .....	4
31	<u>8233</u>	Nut, Nylon Lock, 1/4-20 .....	4
32	<u>101963401</u>	Nut, Flange Lock, 5/16-18 .....	4

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# REAR BODY TRIM – CARRYALL 272 VEHICLES

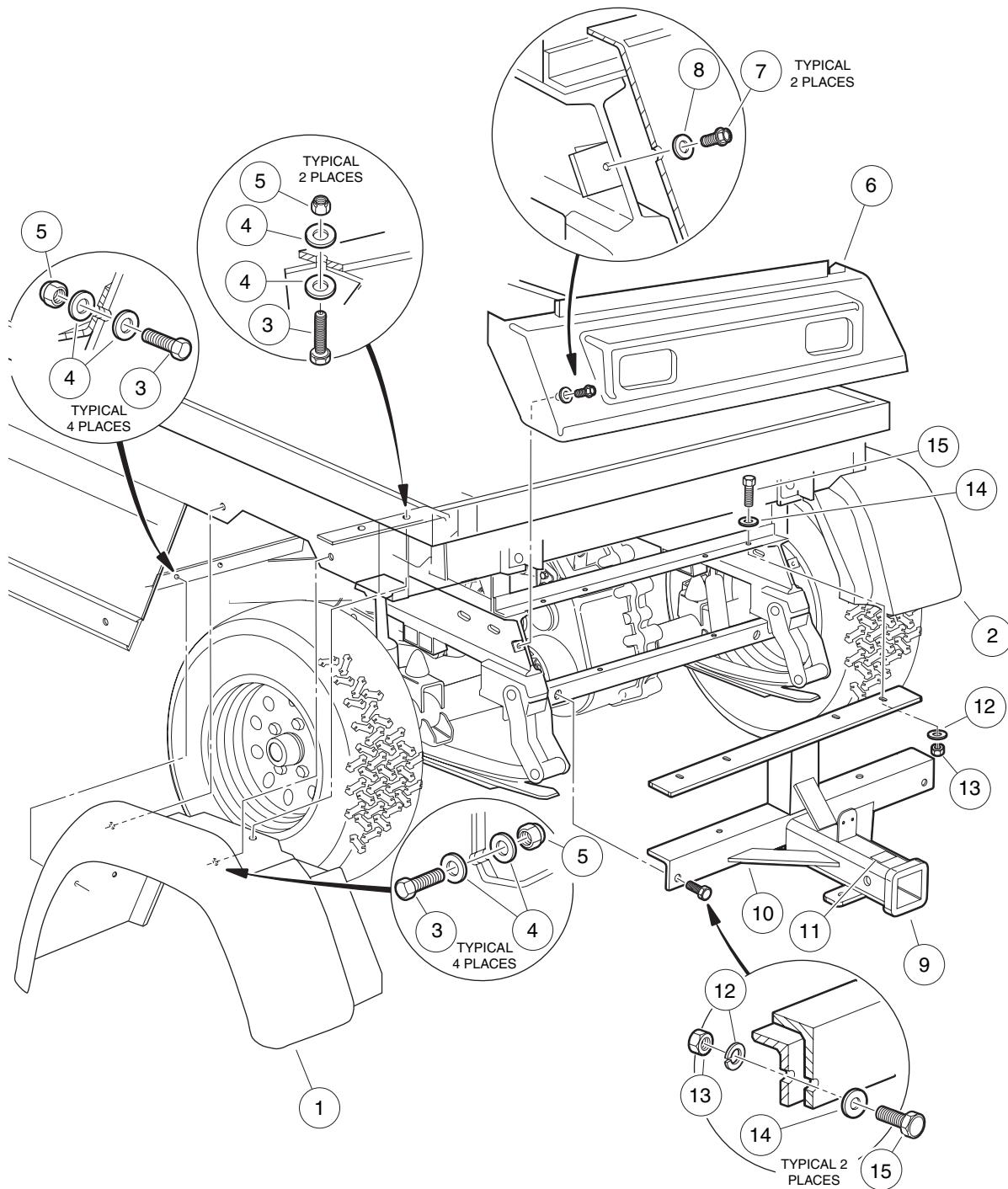
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102251701</u>	Fender, Rear, Driver-Side .....	1
2	<u>102251601</u>	Fender, Rear, Passenger-Side .....	1
3	<u>304</u>	Screw, Hex-Head Cap, 1/4-20 x 1 .....	10
4	<u>1014306</u>	Washer, Flat, 1/4 .....	20
5	<u>8233</u>	Nut, Nylon Lock, 1/4-20 .....	10
6	<u>1015530</u>	Tailskirt .....	1
7	<u>1012285</u>	Screw, Thread-Rolling, 1/4-20 x 5/8 .....	2
8	<u>1015445</u>	Hitch, Trailer .....	1
9	<u>1011553</u>	Decal, Trailer Hitch .....	1
10	<u>1013483</u>	Brace, Trailer Hitch .....	2
11	<u>1241</u>	Washer, Flat, 5/16 .....	4
12	<u>7174</u>	Washer, Lock, 5/16 .....	4
13	<u>1242</u>	Nut, Hex, 5/16-18 .....	4
14	<u>705</u>	Screw, Hex-Head Cap, 3/8-16 x 1-1/4 .....	2
15	<u>706</u>	Nut, Hex, 3/8-16 .....	2
16	<u>357</u>	Washer, Lock, 3/8 .....	2
17	<u>1011990</u>	Washer, Flat, 3/8 .....	2
18	<u>1010934</u>	Screw, Hex-Head Cap, 5/16-18 x 1 .....	4
19	<u>332</u>	Washer, Flat, Type A, 1/4 .....	2

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# REAR BODY TRIM – CARRYALL 472 VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102251701</u>	Fender, Rear, Driver-Side .....	1
2	<u>102251601</u>	Fender, Rear, Passenger-Side .....	1
3	<u>304</u>	Screw, Hex-Head Cap, 1/4-20 x 1 .....	10
4	<u>1014306</u>	Washer, Flat, 1/4 .....	20
5	<u>8233</u>	Nut, Nylon Lock, 1/4-20 .....	10
6	<u>1015530</u>	Tailskirt .....	1
7	<u>1012285</u>	Screw, Thread-Rolling, 1/4-20 x 5/8 .....	2
8	<u>332</u>	Washer, Flat, Type A, 1/4 .....	2
9	<u>102065103</u>	Kit, Rear Receiver (includes items 10 - 15) .....	1
10	<u>102056001</u>	Hitch, Receiver, 2-Inch .....	1
11	<u>1011553</u>	Decal, Trailer Hitch .....	1
12	<u>7174</u>	Washer, Lock, 5/16 .....	6
13	<u>1242</u>	Nut, Hex, 5/16-18 .....	6
14	<u>1241</u>	Washer, Flat, 5/16 .....	6
15	<u>1010934</u>	Screw, Hex-Head Cap, 5/16-18 x 1 .....	6

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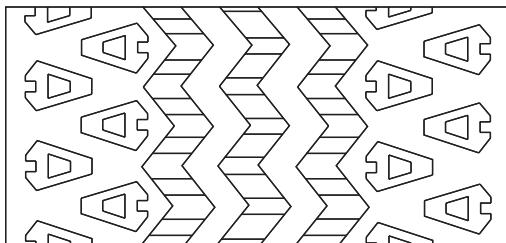
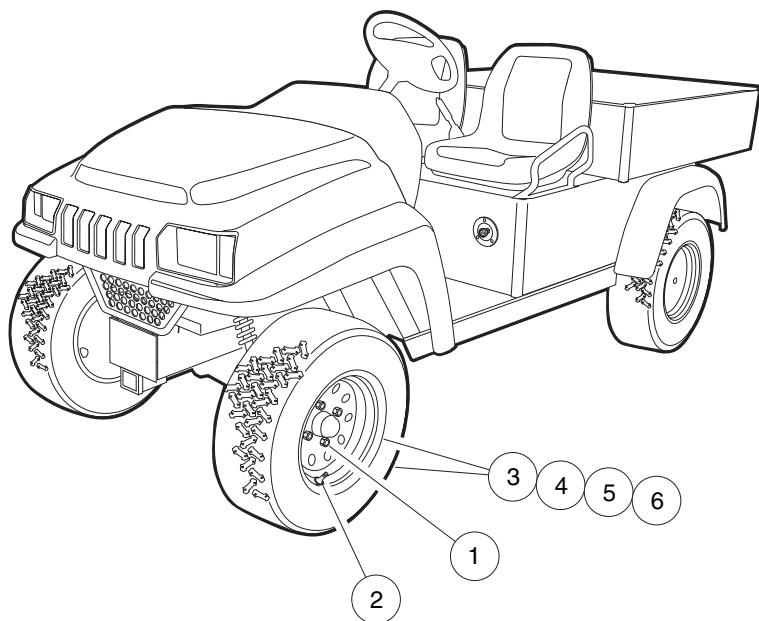
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# **WHEELS AND TIRES**

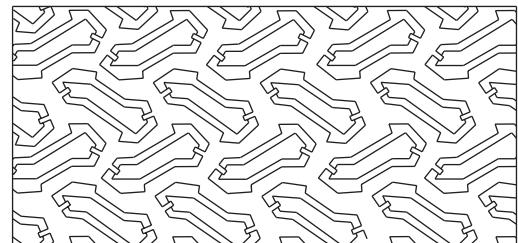
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ALL TERRAIN  
TREAD



TURF  
TREAD

# WHEELS AND TIRES

ITEM	PART NO.	DESCRIPTION	QTY	
		1 2 3 4		
1	<u>1010984</u>	Nut, Lug .....	16	
2	<u>7310</u>	Stem, Valve * .....	1	
3	<u>102021402</u>	Assembly, Wheel (gray) and Tire, All Terrain Tread, 4-Ply Rated (23 x 10.50 - 12) (All Trail) (includes item 4) .....	4	
4	****	Tire, Unmounted, All Terrain Tread (23 x 10.50 - 12) (All Trail) .....	1	
5	<u>102021401</u>	Assembly, Wheel (gray) and Tire, Turf Tread, 4-Ply Rated (23 x 10.50 - 12) (Turf Mate) (includes item 6) .....	4	
6	****	Tire, Unmounted, Turf Tread (23 x 10.50 - 12) (Turf Mate) .....	1	
		* Note: Item 2 is a part of all wheel assemblies.		
	****	Special order item available upon request.		

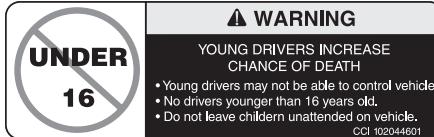
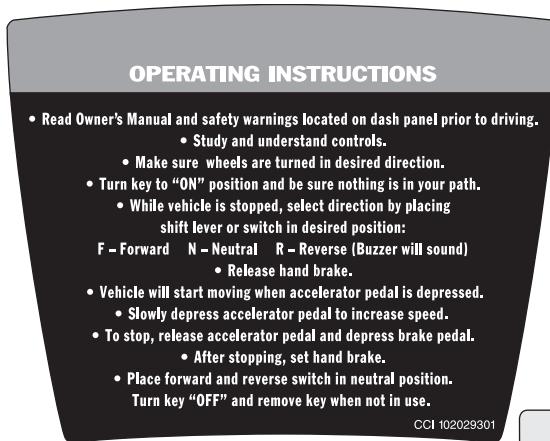
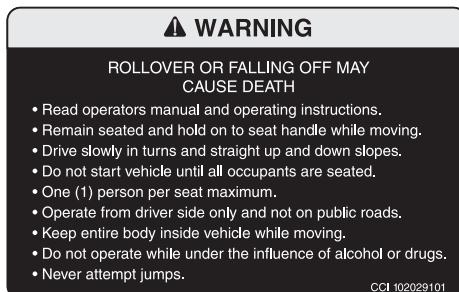
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**DECALS**

**3**

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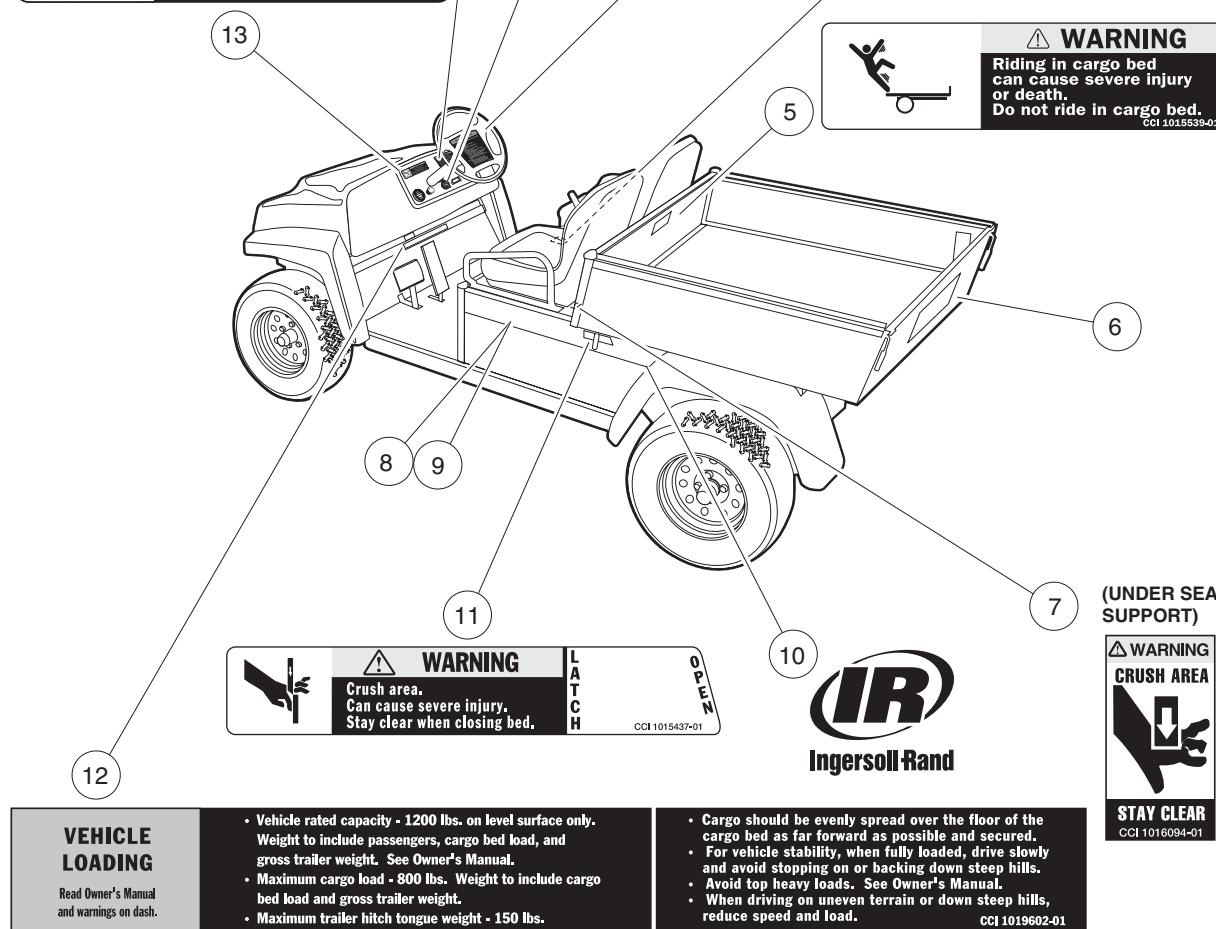
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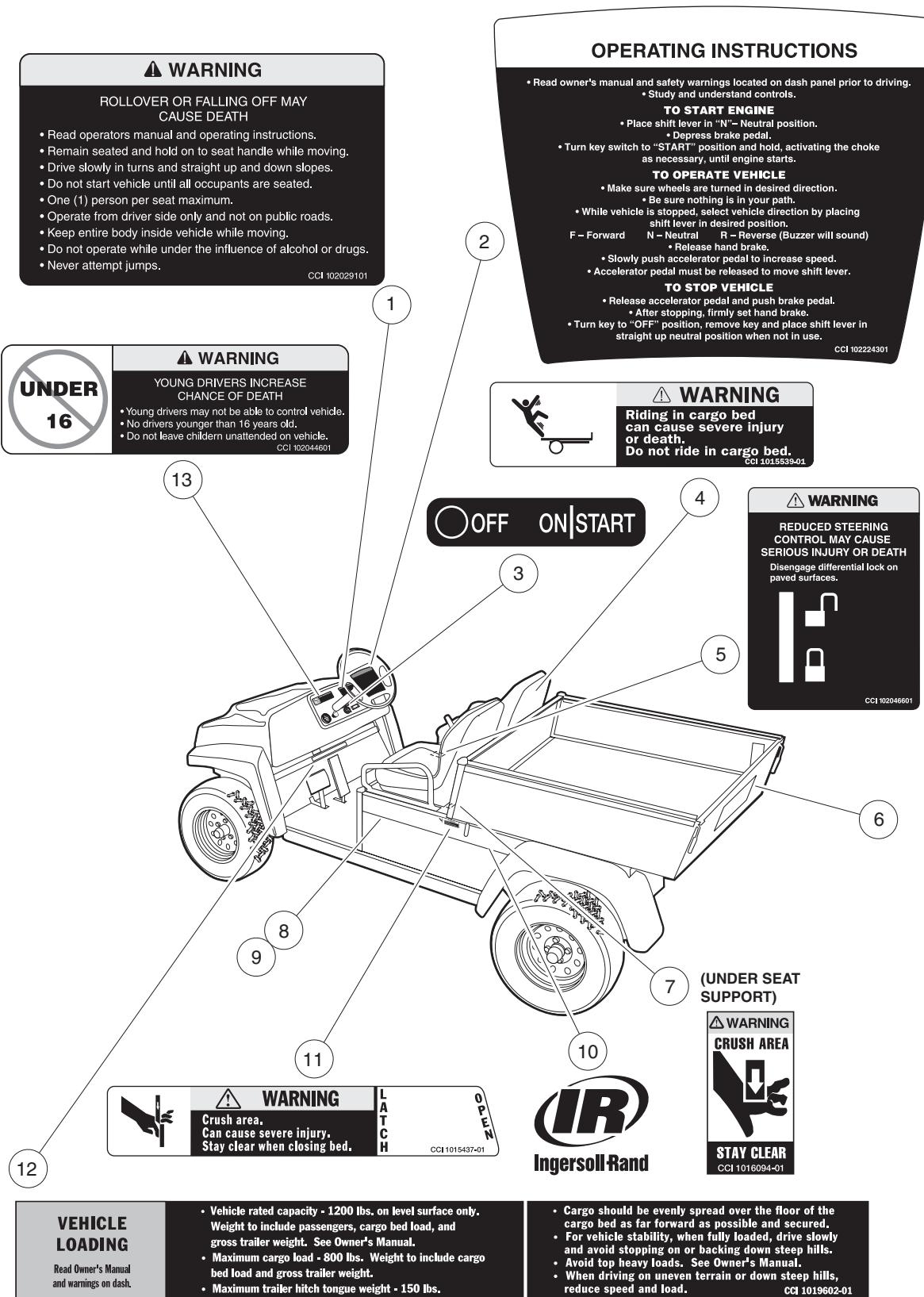
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# DECALS – TURF 272 VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102029101</u>	Decal, Driver/Passenger Warning .....	1
2	<u>101825101</u>	Decal, Key Switch (off-on) .....	1
2	<u>101825102</u>	Decal, Key Switch (off-on/start) .....	1
3	<u>102029301</u>	Decal, Operating Instructions (pedal-start vehicles) .....	1
3	<u>102224301</u>	Decal, Operating Instructions (key-start vehicles) .....	1
4	<u>101553901</u>	Decal, Bed Load Warning .....	1
5	<u>102046601</u>	Decal, Differential Lock Control Warning .....	1
6	<u>1013317</u>	Decal, Club Car Tailgate .....	1
7	<u>101609401</u>	Decal, Crush Area Warning .....	2
8	<u>102158301</u>	Decal, Turf 272 (driver side) (includes items 10 and 11) .....	1
9	<u>102157001</u>	Decal, Turf 272 (passenger side) (includes item 10) .....	1
10	N/A	Decal, Ingersoll-Rand .....	1
11	<u>101543701</u>	Decal, Bed Latch Warning .....	1
12	<u>101960201</u>	Decal, Vehicle Loading .....	1
13	<u>102044601</u>	Decal, Under Age Warning .....	1



# DECALS – CARRYALL 272 VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102029101</u>	Decal, Driver/Passenger Warning .....	1
2	<u>102224301</u>	Decal, Operating Instructions (key-start vehicles) .....	1
3	<u>101825102</u>	Decal, Key Switch (off-on/start) .....	1
4	<u>101553901</u>	Decal, Bed Load Warning .....	1
5	<u>102046601</u>	Decal, Differential Lock Control Warning .....	1
6	<u>102234901</u>	Decal, Club Car Tailgate .....	1
7	<u>101609401</u>	Decal, Crush Area Warning .....	2
8	<u>102157601</u>	Decal, Carryall 272 (driver side) (includes items 10 and 11) .....	1
9	<u>102156301</u>	Decal, Carryall 272 (passenger side) (includes item 10) .....	1
10	N/A	Decal, Ingersoll-Rand .....	1
11	<u>101543701</u>	Decal, Bed Latch Warning .....	1
12	<u>101960201</u>	Decal, Vehicle Loading .....	1
13	<u>102044601</u>	Decal, Under Age Warning .....	1

**3**

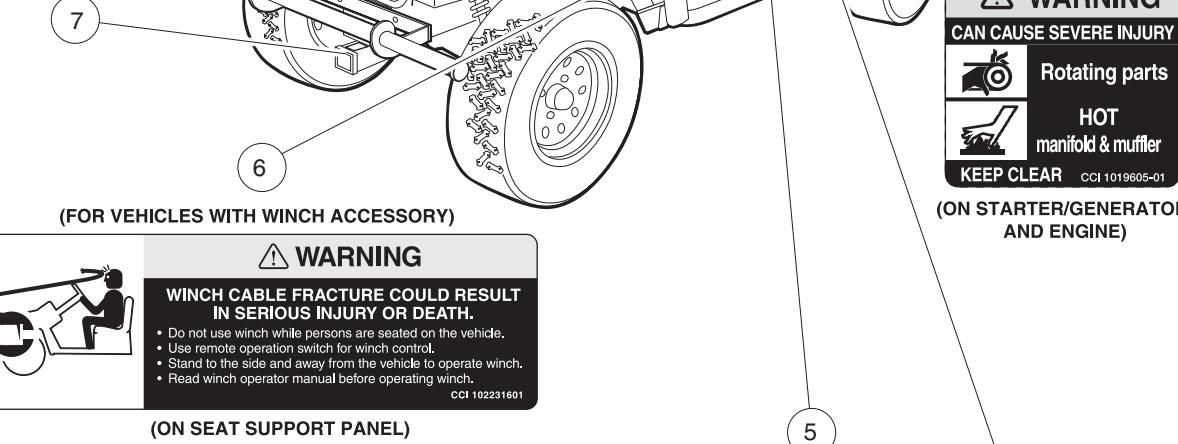
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(ON PASSENGER-SIDE  
SEAT SUPPORT)



(ON FRONT AND REAR  
RECEIVER HITCHES)



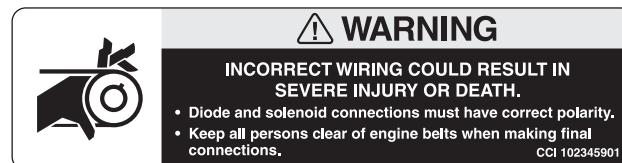
(ON PASSENGER-SIDE  
REAR FENDER)

CCI 102224001

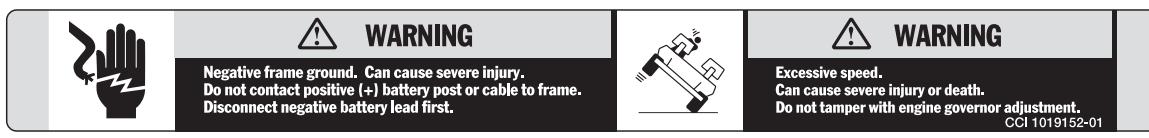


CCI 102224001

(ON STARTER/GENERATOR  
AND ENGINE)



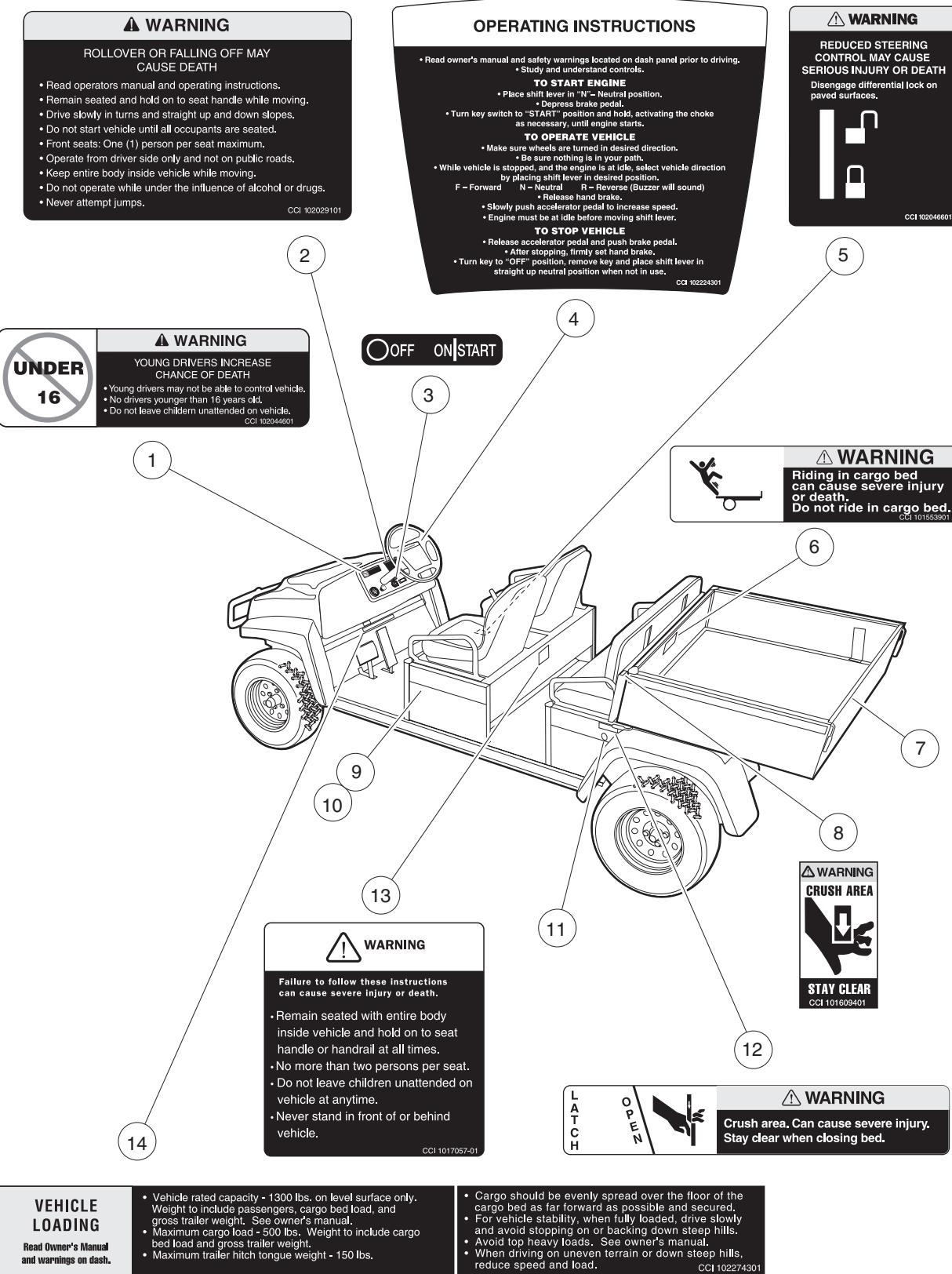
(ON FRAME ABOVE DIODE)



(ON FRAME NEXT TO BATTERY)

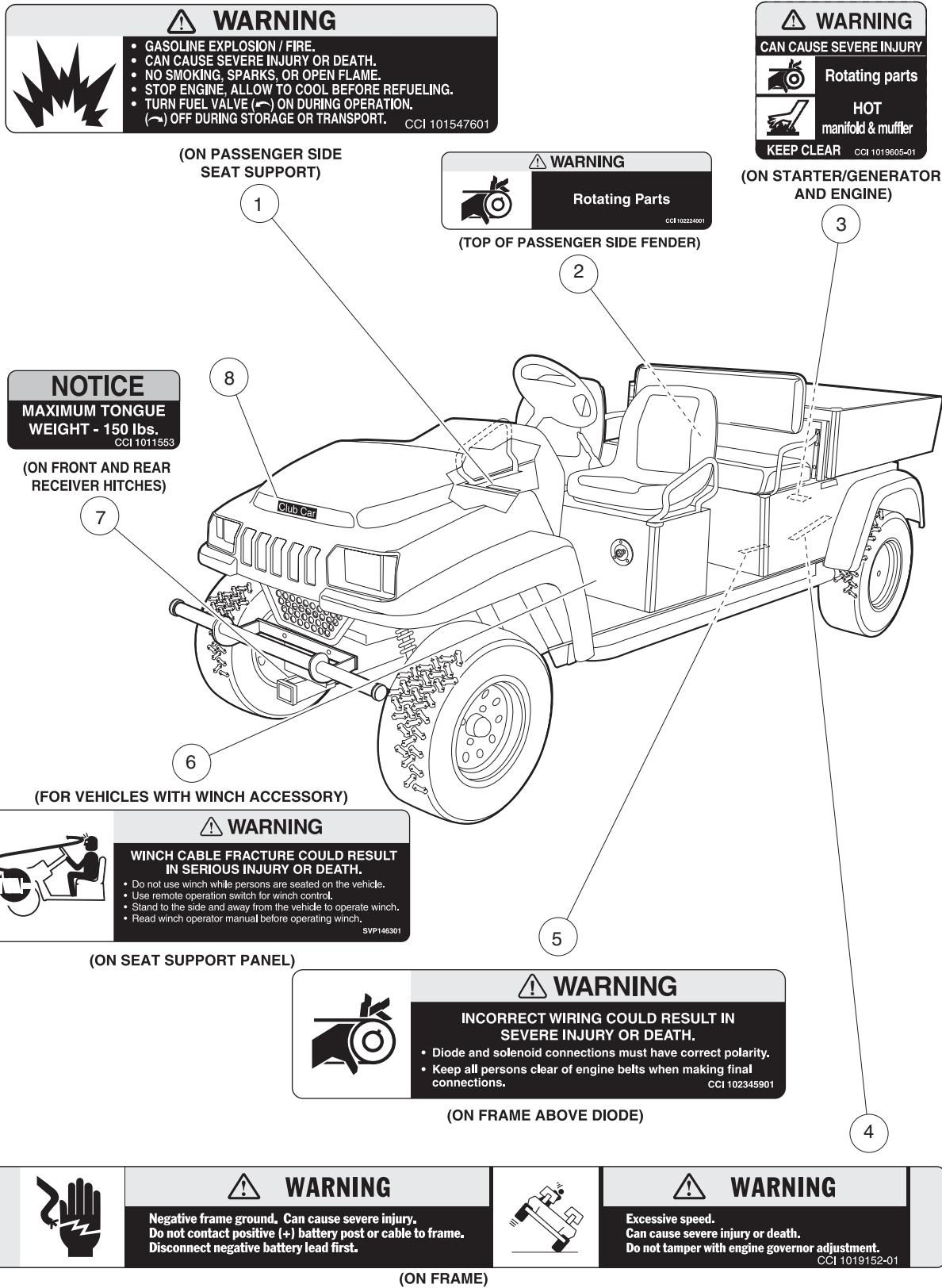
**DECALS, CONTINUED –  
TURF 272 AND CARRYALL 272 VEHICLES**

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>101547601</u>	Decal, Gasoline Warning .....	1
2	<u>102224001</u>	Decal, Rotating Parts .....	1
3	<u>101960501</u>	Decal, Rotating Parts and Hot Manifold .....	2
4	<u>101915201</u>	Decal, Frame Ground .....	1
5	<u>102345901</u>	Decal, Diode Wiring (key-start vehicle only) .....	1
6	<u>102231601</u>	Decal, Winch Cable Warning .....	1
7	<u>1011553</u>	Decal, Trailer Hitch .....	2
8	<u>102046501</u>	Decal, Club Car (Turf 272) .....	1
8	<u>102228001</u>	Decal, Club Car (Carryall 272) .....	1



# DECALS, CONTINUED – CARRYALL 472 VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102044601</u>	Decal, Under Age Warning .....	1
2	<u>102029101</u>	Decal, Driver/Passenger Warning .....	1
3	<u>101825102</u>	Decal, Key Switch .....	1
4	<u>102224301</u>	Decal, Operating Instructions .....	1
5	<u>102046601</u>	Decal, Differential Lock Control Warning .....	1
6	<u>101553901</u>	Decal, Bed Load Warning .....	1
7	<u>102234901</u>	Decal, Club Car Tailgate .....	1
8	<u>101609401</u>	Decal, Crush Area Warning .....	2
9	<u>102334801</u>	Decal, Carryall 472 (driver side) (includes items 11 and 12) .....	1
10	<u>102334701</u>	Decal, Carryall 472 (passenger side) (includes item 11) .....	1
11	N/A	Decal, Ingersoll-Rand .....	1
12	<u>101543701</u>	Decal, Bed Latch Warning .....	1
13	<u>101705701</u>	Decal, Passenger Warning .....	1
14	<u>102274301</u>	Decal, Vehicle Loading .....	1



# DECALS, CONTINUED – CARRYALL 472 VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY	
		1 2 3 4		<b>3</b>
1	<u>101547601</u>	Decal, Gasoline Warning .....	1	
2	<u>102224001</u>	Decal, Rotating Parts .....	1	
3	<u>101960501</u>	Decal, Rotating Parts and Hot Manifold .....	2	
4	<u>101915201</u>	Decal, Frame Ground .....	1	
5	<u>102345901</u>	Decal, Diode Wiring (key-start vehicle only) .....	1	
6	<u>102231601</u>	Decal, Winch Cable Warning .....	1	
7	<u>1011553</u>	Decal, Trailer Hitch .....	2	
8	<u>102228001</u>	Decal, Club Car .....	1	

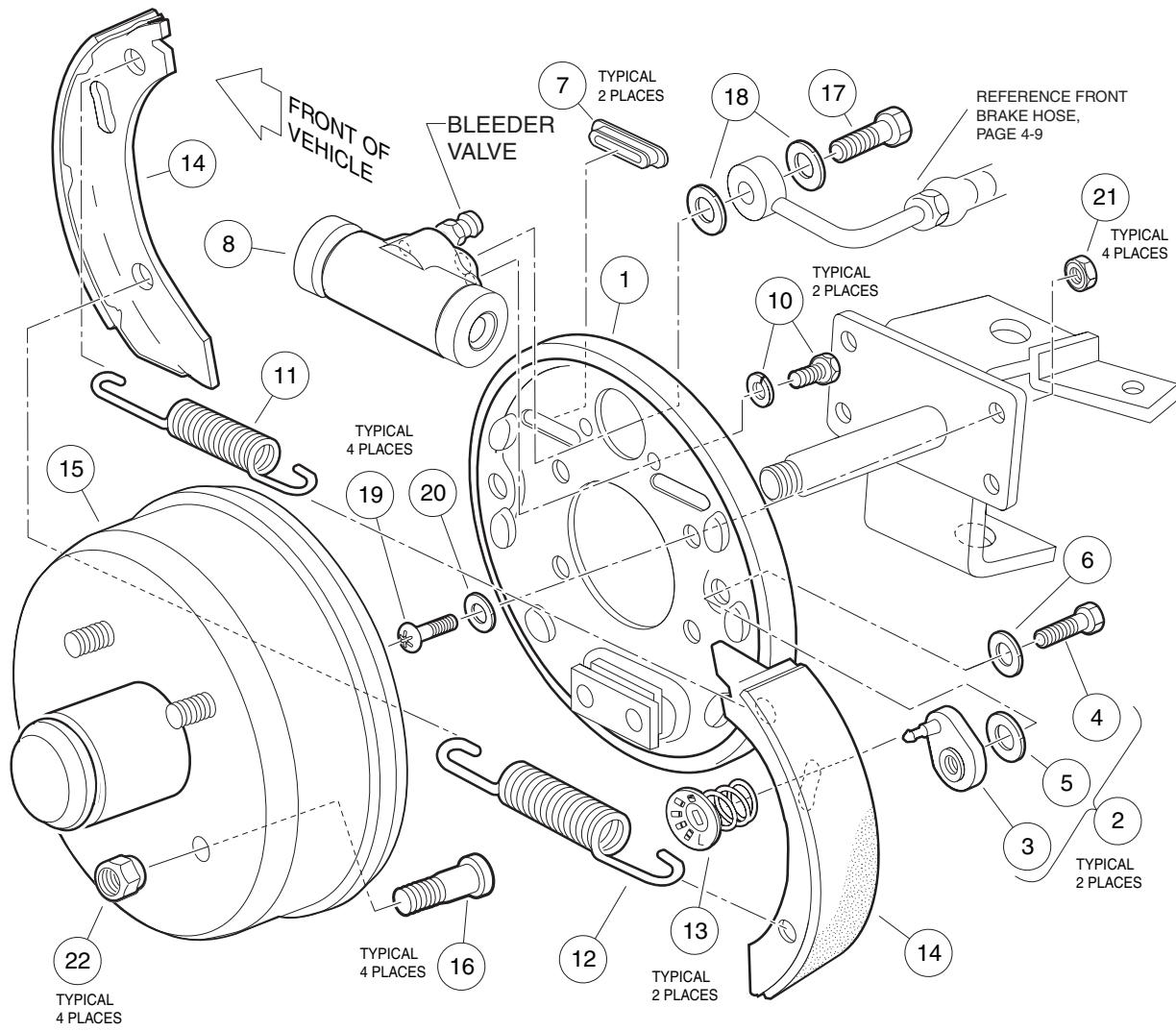
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# BRAKE SYSTEMS

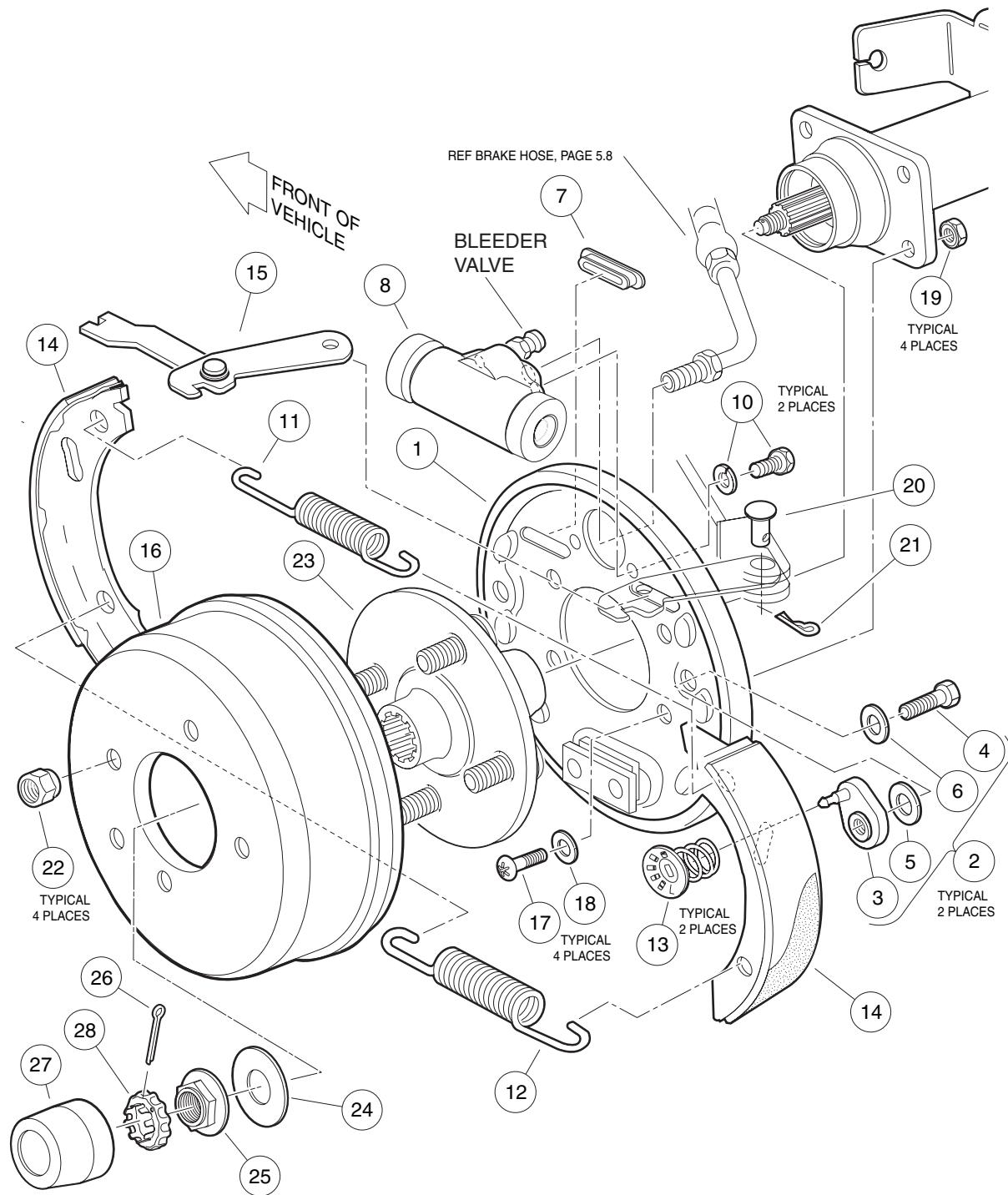
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# FRONT BRAKE ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102033301</u>	Cluster, Brake (includes items 1 - 14) .....	2
1	<u>102049401</u>	Plate, Backing .....	1
2	<u>102049601</u>	Kit, Adjuster, Axle (one kit will service both front brakes) (includes items 3 - 7) .....	1
3	<u>102049501</u>	Assembly, Adjuster Lever .....	4
4	<u>102049901</u>	Bolt, 1/4-28 x .31 .....	4
5	<u>102050001</u>	Washer, Bellville .....	4
6	N/A	Washer, Flat .....	4
7	<u>102050101</u>	Cover, Dust .....	4
8	<u>102050301</u>	Cylinder, Wheel, 5/8 .....	1
9	<u>102049701</u>	Kit, Axle Hardware (not shown) (includes items 10 - 13) .....	1
10	<u>102050401</u>	Bolt, Wheel Cylinder, Self-Locking, M6 x 1 .....	2
11	<u>102050601</u>	Spring, Shoe to Shoe (upper) .....	1
12	<u>102050501</u>	Spring, Shoe to Shoe (lower) .....	1
13	<u>102050701</u>	Hold-down, Shoe .....	2
14	<u>102050201</u>	Kit, Hydraulic Shoe (BPI 4070) (four shoes per kit) .....	1
15	<u>102044201</u>	Assembly, Brake Drum and Hub (includes item 16) .....	2
16	<u>1013787</u>	Stud, Lug, 1/2-20 .....	4
17	<u>102044401</u>	Bolt, Banjo, 3/8-24 .....	2
18	<u>102045501</u>	Washer, Copper .....	4
19	<u>102051001</u>	Screw, Torx Pan-Head, 5/16-24 x 1 .....	8
20	<u>1017233</u>	Washer, Flat, 5/16 .....	8
21	<u>1013924</u>	Nut, Hex-Head Lock, Grade 8, 5/16-24 .....	8
22	<u>1010984</u>	Nut, Lug .....	8



# REAR BRAKE ASSEMBLY

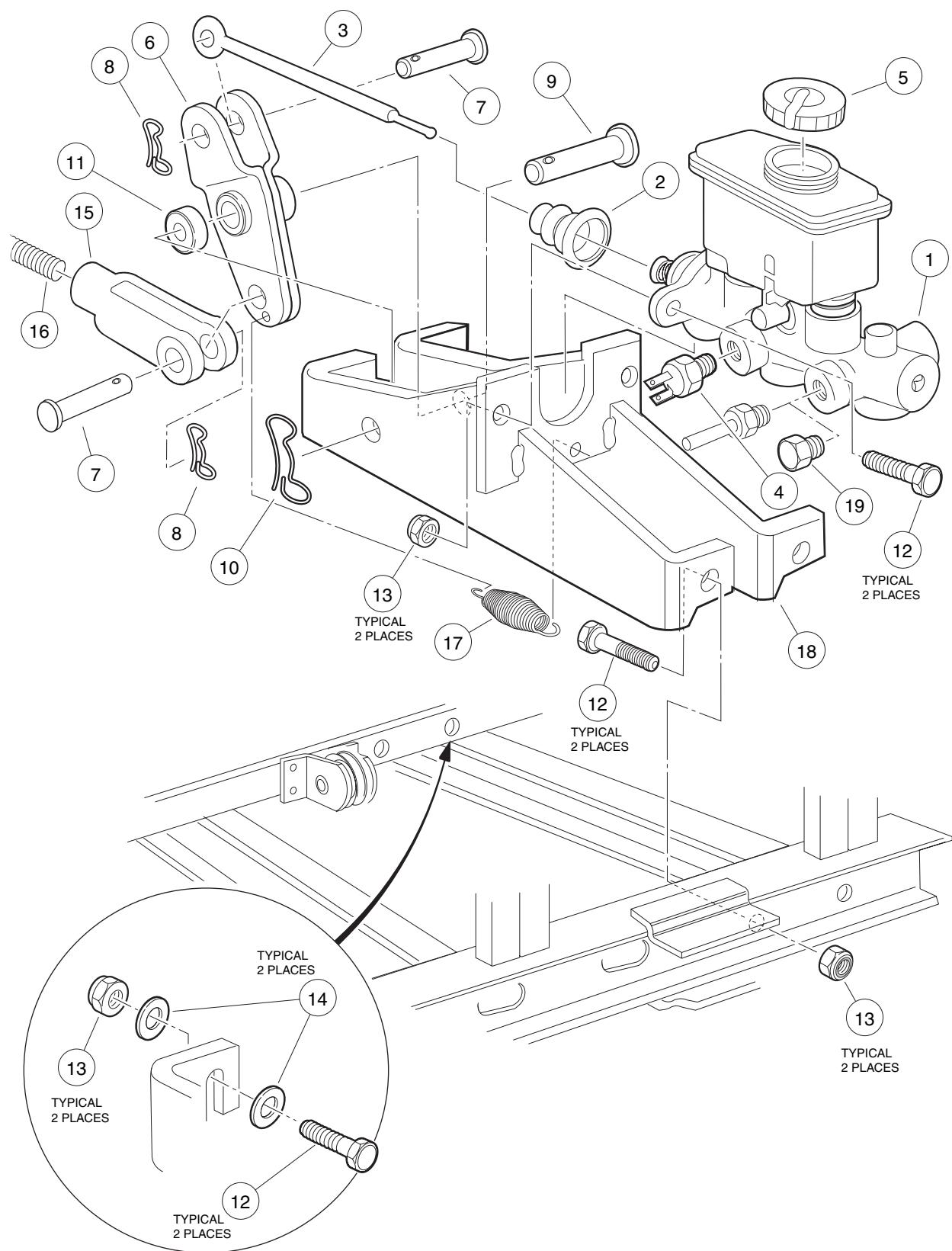
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	<u>102033401</u>	Assembly, Brake, Driver-Side (includes items 1 - 15) .....	1
	<u>102033501</u>	Assembly, Brake, Passenger-Side (includes items 1 - 15) .....	1
1	<u>102049401</u>	Plate, Backing .....	1
2	<u>102049601</u>	Kit, Adjuster, Axle (one kit will service both rear brakes) (includes items 3 - 7) .....	1
3	<u>102049501</u>	Lever, Adjuster .....	4
4	<u>102049901</u>	Bolt, 1/4-28 x .31 .....	4
5	<u>102050001</u>	Washer, Bellville .....	4
6	N/A	Washer, Flat .....	4
7	<u>102050101</u>	Cover, Dust .....	4
8	<u>102050801</u>	Cylinder, Wheel, 7/8 .....	1
9	<u>102049701</u>	Kit, Axle Hardware (not shown) (includes items 10 - 13) .....	1
10	<u>102050401</u>	Bolt, Wheel Cylinder, Self-Locking, M6 x 1 .....	2
11	<u>102050601</u>	Spring, Shoe to Shoe (upper) .....	1
12	<u>102050501</u>	Spring, Shoe to Shoe (lower) .....	1
13	<u>102050701</u>	Hold-Down, Shoe .....	2
14	<u>102050201</u>	Kit, Hydraulic Shoe (BPI 4070) (four shoes per kit) .....	1
15	<u>102050901</u>	Lever, Park Brake, Passenger-Side .....	1
15	<u>102050902</u>	Lever, Park Brake, Driver-Side .....	1
16	<u>102264701</u>	Drum, Brake .....	1
17	<u>102051001</u>	Screw, Torx Pan-Head, 5/16-24 x 1 .....	8
18	<u>1017233</u>	Washer, Flat, 5/16 .....	8
19	<u>1013924</u>	Nut, Hex-Head Lock, Grade 8, 5/16-24 .....	8
20	<u>1010829</u>	Pin, Clevis, 5/16 .....	2
21	<u>1013366</u>	Pin, Hair Spring Cotter .....	2
22	<u>1010984</u>	Nut, Lug .....	8
23	<u>102269101</u>	Flange, Wheel Bolt .....	2
24	<u>102269301</u>	Washer, Flat .....	2
25	<u>102269201</u>	Nut, Washer .....	2
26	<u>101838801</u>	Pin, Cotter .....	2
27	<u>102274101</u>	Cap, Rubber Center .....	2
28	<u>102276001</u>	Cap, Locking .....	2

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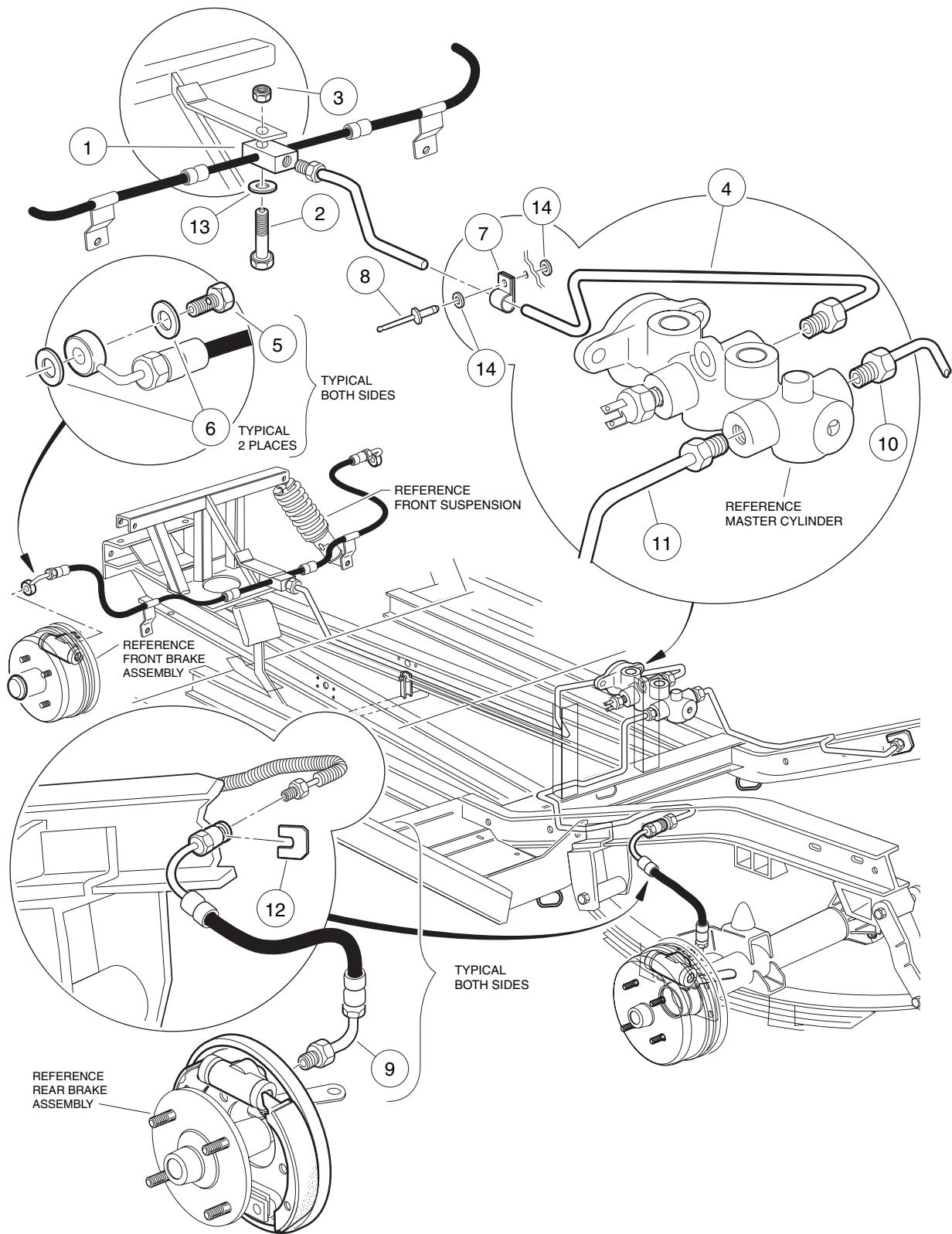
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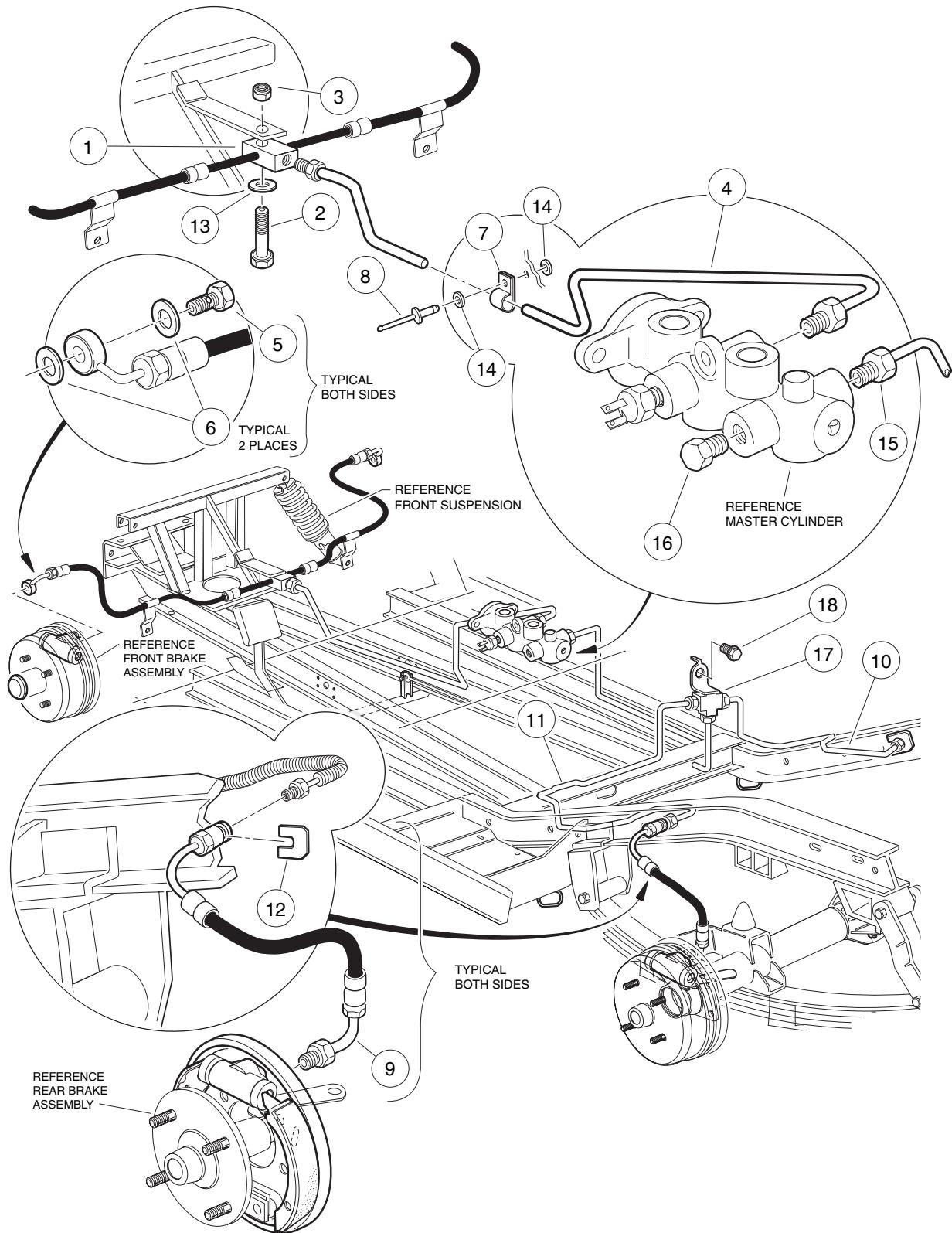
# MASTER CYLINDER

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	102033201	Assembly, Master Cylinder (includes items 2 - 5) .....	1
2	102051101	Boot .....	1
3	<u>102051201</u>	Rod, Push .....	1
4	<u>102051301</u>	Switch, Pressure .....	1
5	<u>102051401</u>	Cap, Filler .....	1
6	102054201	Crank, Bell (includes items 7 - 11) .....	1
7	N/A	Pin, Clevis, 3/8 x 1 5/16 .....	2
8	N/A	Pin, Bow Tie Locking.....	2
9	N/A	Pin, Clevis, 1/2 x 2 1/2 .....	1
10	N/A	Pin, Bow Tie .120 x 2.750 .....	1
11	N/A	Spacer (Not interchangeable with spacer 102057801) .....	1
12	<u>1010934</u>	Screw, Hex-Head Cap, 5/16-18 x 1 .....	6
13	<u>7473</u>	Nut, Nylon Lock, 5/16 .....	6
14	<u>1241</u>	Washer, Flat, Type A, 5/16 .....	4
15	<u>101806102</u>	Clevis, Rod .....	1
16	<u>101953105</u>	Rod, Equalizer .....	1
17	1013531	Spring, Brake Pedal Return .....	1
18	<u>102054401</u>	Bracket, Master Cylinder Mounting .....	1
19	<u>102339201</u>	Plug, 3/8-24 (Carryall 472 only) .....	1



# HYDRAULIC BRAKE SYSTEM – TURF 272 AND CARRYALL 272 VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	102032801	Hose, Brake, Front .....	1
2	7479	Screw, Hex-Head Cap, 1/4-20 x 1-1/4 .....	1
3	8233	Nut, Nylon Lock, 1/4-20 .....	1
4	102032901	Line, Brake, Front .....	1
5	102044401	Bolt, Banjo, 3/8-24 .....	2
6	102045501	Washer, Copper .....	4
7	102045801	P-Clamp .....	1
8	1014136	Rivet, Pop, Stainless Steel, 3/16 x 1/2 .....	1
9	102033101	Hose, Brake, Rear .....	2
10	102033001	Line, Brake, Rear (passenger side) .....	1
11	102044001	Line, Brake, Rear (driver side) .....	1
12	102045701	Clip, Horseshoe .....	2
13	1014007	Washer, Flat, 1/4 .....	1
14	183	Washer, Flat, Type A, #10 .....	2



# HYDRAULIC BRAKE SYSTEM – CARRYALL 472 VEHICLES

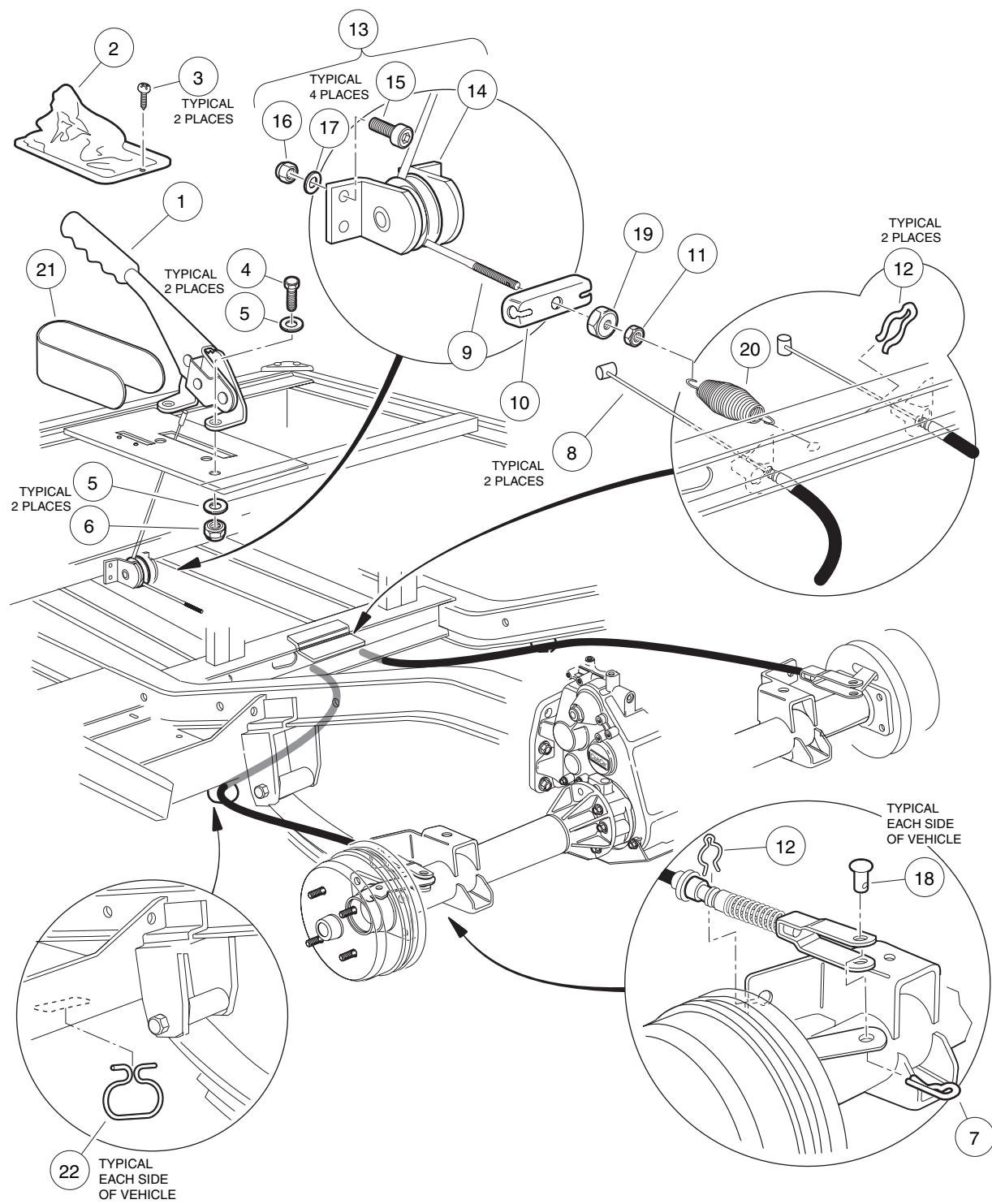
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	102032801	Hose, Brake, Front .....	1
2	<u>7479</u>	Screw, Hex-Head Cap, 1/4-20 x 1-1/4 .....	1
3	<u>8233</u>	Nut, Nylon Lock, 1/4-20 .....	1
4	<u>102032901</u>	Line, Brake, Front .....	1
5	<u>102044401</u>	Bolt, Banjo, 3/8-24 .....	2
6	<u>102045501</u>	Washer, Copper .....	4
7	<u>102045801</u>	P-Clamp .....	1
8	<u>1014136</u>	Rivet, Pop, Stainless Steel, 3/16 x 1/2 .....	1
9	<u>102033101</u>	Hose, Brake, Rear .....	2
10	<u>102331701</u>	Line, Brake, Rear (passenger side) .....	1
11	<u>102331801</u>	Line, Brake, Rear (driver side) .....	1
12	<u>102045701</u>	Clip, Horseshoe .....	2
13	<u>1014007</u>	Washer, Flat, 1/4 .....	1
14	<u>183</u>	Washer, Flat, Type A, #10 .....	2
15	<u>102331601</u>	Line, Brake Supply (master cylinder to tee) .....	1
16	<u>102339201</u>	Plug, 3/8-24 .....	1
17	<u>102333301</u>	Tee, Brake, 3/8 .....	1
18	<u>1012285</u>	Screw, Hex Washer-Head, 1/4-20 x 5/8 .....	1

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# HAND PARK BRAKE ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102170901</u>	Lever, Park Brake .....	1
2	<u>102033701</u>	Boot, Park Brake Lever .....	1
3	<u>101832001</u>	Screw, Phillips-Head, 5/16-18 .....	2
4	<u>705</u>	Screw, Hex-Head Cap, 3/8-16 x 1-1/4 .....	2
5	<u>1011990</u>	Washer, Flat, 3/8 .....	4
6	<u>8754</u>	Nut, Nylon Lock, 3/8-16 .....	2
7	<u>1013366</u>	Pin, Hair Spring Cotter .....	2
8	<u>102033901</u>	Cable, Park Brake, Long .....	2
9	<u>102247201</u>	Cable, Park Brake, Short (Turf 272 and Carryall 272 Vehicles) .....	1
9	<u>102331201</u>	Cable, Park Brake (Carryall 472 Vehicles) .....	1
10	<u>102052701</u>	Equalizer .....	1
11	<u>102160501</u>	Nut, Hex, 5/16-24 .....	1
12	<u>102028401</u>	Clip, Park Brake Cable .....	4
13	<u>102242701</u>	Kit, Pulley (includes items 14 - 17) .....	1
14	<u>102028302</u>	Pulley, Flat Mount, 2-inch .....	1
15	<u>101260202</u>	Screw, Socket-Head, #10-24 x .75 .....	4
16	<u>1012438</u>	Nut, Nylon Lock, #10-24 .....	4
17	<u>183</u>	Washer, Flat, Type A, #10 .....	4
18	<u>1010829</u>	Pin, Clevis, 5/16 .....	2
19	<u>102052801</u>	Nut, Hex Cone, 5/16-24 .....	1
20	<u>1013531</u>	Spring .....	1
21	N/A	Shield, Boot .....	1
22	101900802	Hanger, Brake Cable.....	2

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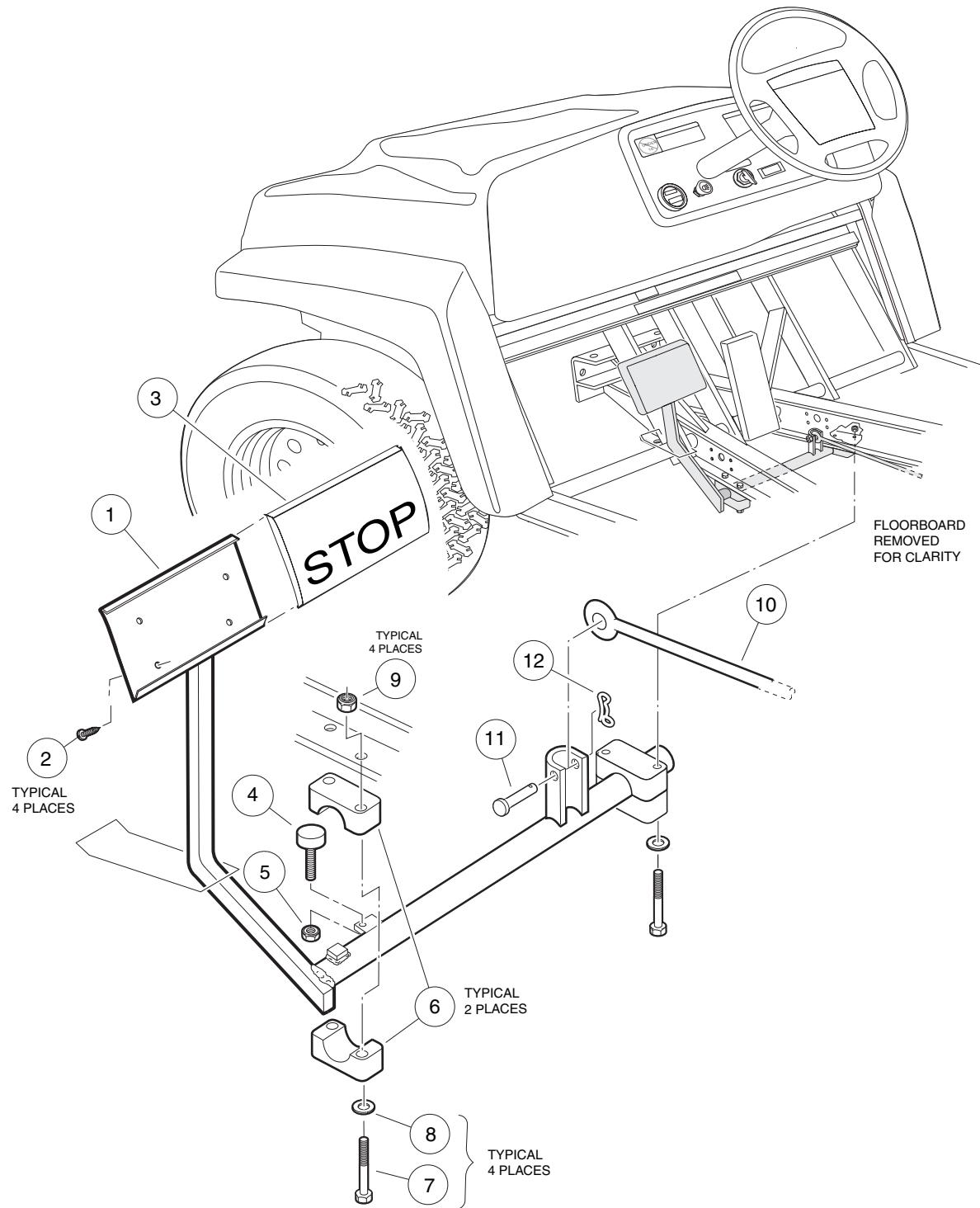
# PEDAL GROUP

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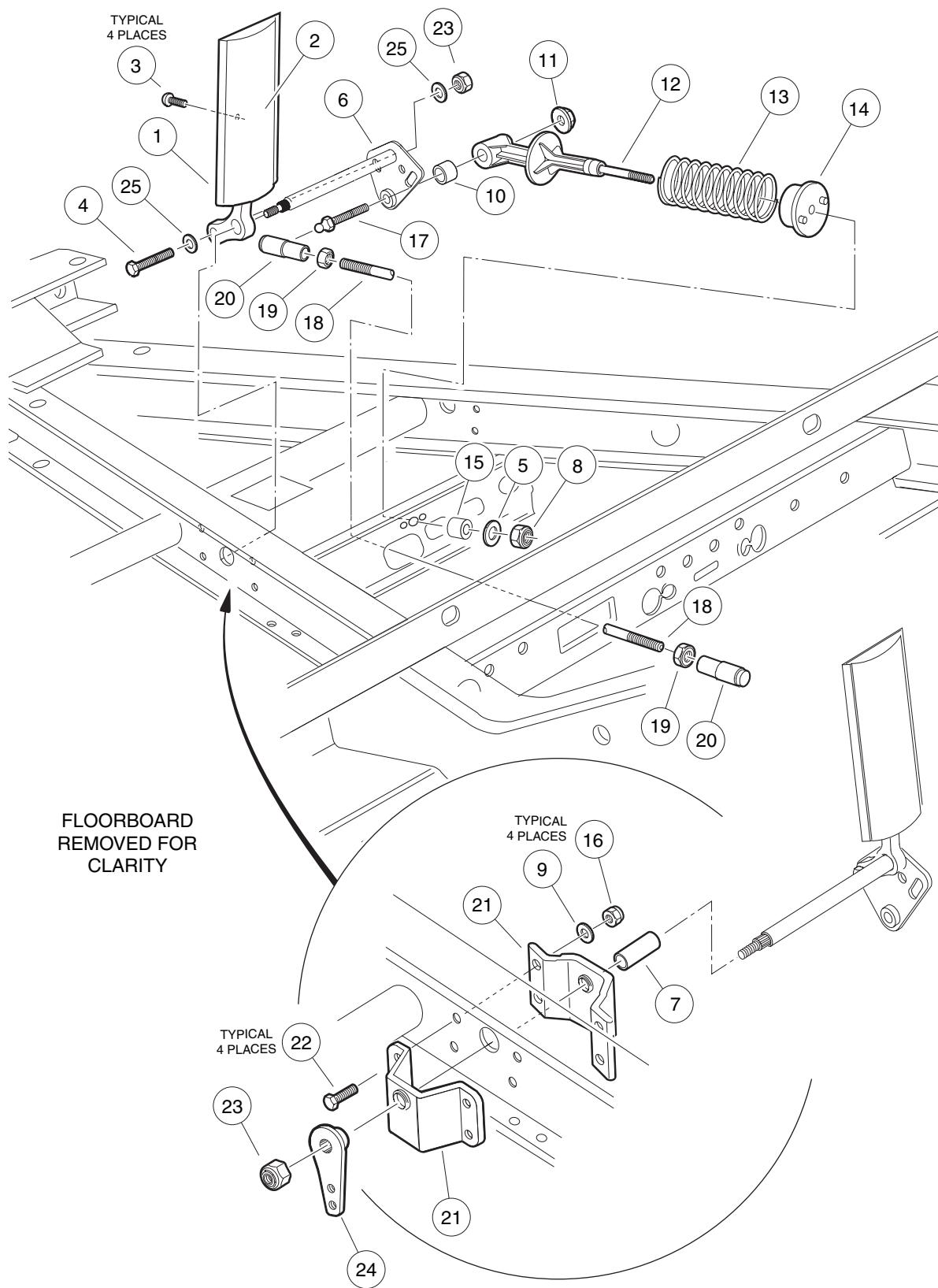
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# BRAKE PEDAL ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	5
1	<u>102028901</u>	Assembly, Brake Pedal (includes items 2 - 5) .....	1
2	7716	Screw, Slotted Hex Washer-Head, #10-16 x 1/2 .....	4
3	<u>102028601</u>	Pad, Brake Pedal .....	1
4	<u>1010878</u>	Bumper, Rubber .....	1
5	<u>1028</u>	Nut, Hex, 1/4-20 .....	1
6	<u>1011402</u>	Package, Brake Mounting Block (contains upper and lower for driver and passenger sides) .....	1
7	<u>1010921</u>	Screw, Hex-Head Cap, 5/16-18 x 2-1/2 .....	4
8	<u>1241</u>	Washer, Flat, 5/16 .....	4
9	<u>7473</u>	Nut, Nylon Lock, 5/16-18 .....	4
10	<u>101953105</u>	Rod, Equalizer .....	1
11	<u>102323201</u>	Pin, Clevis, 5/16 .....	1
12	<u>102292801</u>	Pin, Bow Tie Locking .....	1

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FLOORBOARD  
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# ACCELERATOR PEDAL ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	5
1	<u>1017696</u>	Assembly, Accelerator Pedal (includes item 2 and 3) .....	1
2	<u>1013871</u>	Pad, Pedal .....	1
3	<u>7716</u>	Screw, Slotted Hex Washer-Head, #10-16 x 1/2 .....	4
4	<u>1624</u>	Screw, Hex-Head Cap, 3/8-16 x 1-1/2 .....	1
5	<u>1241</u>	Washer, Flat, 5/16 .....	1
6	<u>102026001</u>	Kit, Accelerator Pivot Rod (includes item 7) .....	1
7	<u>1011700</u>	Spacer .....	1
8	<u>7473</u>	Nut, Nylon Lock, 5/16-18 .....	1
9	<u>332</u>	Washer, Flat, Type A, 1/4 .....	4
10	<u>1017424</u>	Bearing, Pivot Support .....	1
11	<u>101966901</u>	Nut, Flanged Lock, 1/4-28 .....	1
12	<u>101817401</u>	Retainer, Spring .....	1
13	<u>101796201</u>	Spring, Return .....	1
14	<u>1017378</u>	Cup, Spring .....	1
15	<u>1017380</u>	Bumper, Return Spring .....	1
16	<u>8233</u>	Nut, Nylon Lock, 1/4-20 .....	4
17	<u>101818801</u>	Stud, Ball .....	1
18	<u>101822001</u>	Assembly, Accelerator Rod (Turf/Carryall 272) (includes items 19 and 20) .....	1
18	<u>101674702</u>	Assembly, Accelerator Rod (Carryall 472) (includes items 19 and 20) .....	1
19	<u>1011084</u>	Nut, UNF Hex Jam, 1/4-28 .....	2
20	<u>1011734</u>	Joint, Spring-Loaded Ball .....	2
21	<u>1011694</u>	Support, Accelerator Pivot Rod .....	2
22	<u>101861901</u>	Screw, Hex-Head Cap, 1/4-20 x 1-1/8 .....	4
23	<u>8754</u>	Nut, Nylon Lock, 3/8-16 .....	2
24	<u>101916901</u>	Spacer, Ratchet Support .....	1
25	<u>334</u>	Washer, Flat, 3/8 .....	2

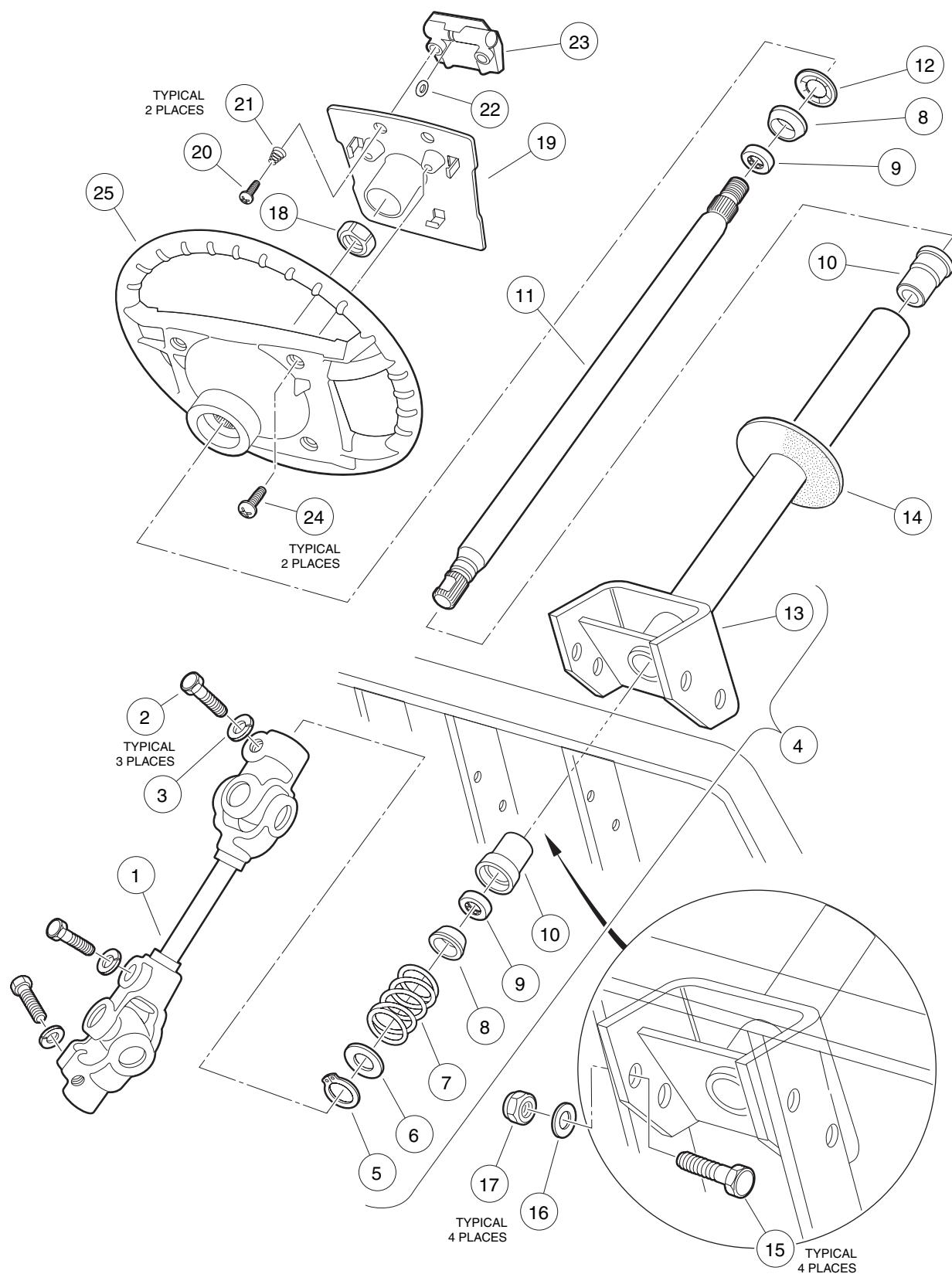
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# **STEERING, FRONT AND REAR SUSPENSION**

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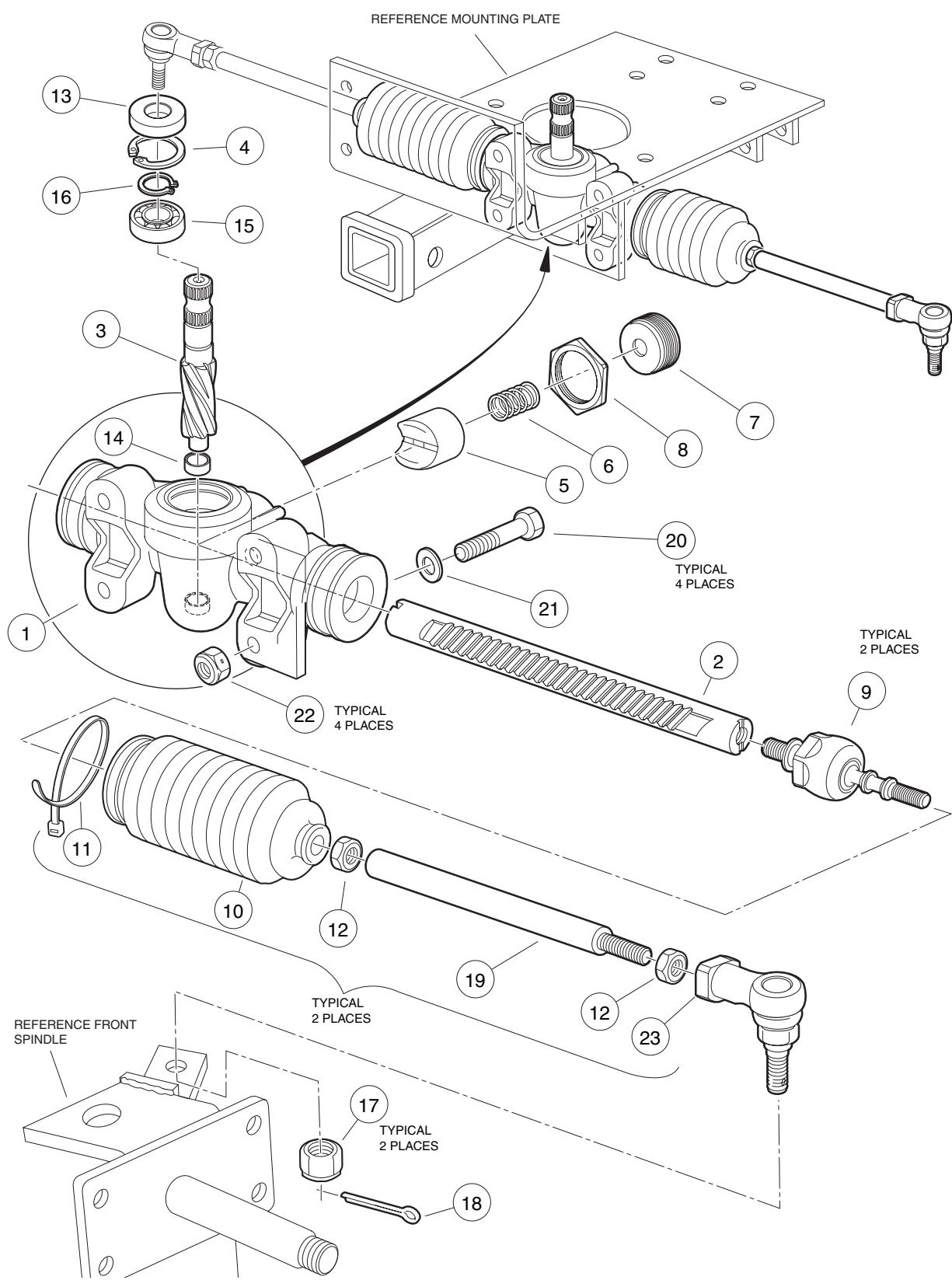
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# STEERING COLUMN

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	6
1	<u>102010201</u>	Joint, 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	<u>102013101</u>	Assembly, Steering Column (includes items 5 - 13) .....	1
5	<u>1012605</u>	Ring, Retaining .....	1
6	<u>1012604</u>	Washer, Steel, 5/8 .....	1
7	<u>1014217</u>	Spring, Compression .....	1
8	<u>1014125</u>	Wedge .....	2
9	<u>1014213</u>	Assembly, Bearing .....	2
10	<u>1014126</u>	Seat, Bearing .....	2
11	<u>1017315</u>	Shaft, Steering Column .....	1
12	<u>1014214</u>	Ring, Retaining .....	1
13	<u>102013001</u>	Weldment, Steering Column .....	1
14	<u>102278001</u>	Boot, Steering Column .....	1
15	<u>320</u>	Screw, Hex-Head Cap, 3/8-16 x 1 .....	4
16	<u>334</u>	Washer, Flat, Type A, 3/8 .....	4
17	<u>8754</u>	Nut, Nylon Lock, 3/8-16 .....	4
18	<u>1017273</u>	Nut, Nylon Lock, 5/8-18 .....	1
19	<u>1016219</u>	Assembly, Scorecard Plate (includes items 20 - 23) .....	1
20	<u>1012565</u>	Screw, Round-Head, #12-14 x 1 .....	2
21	<u>1012566</u>	Spring, Tapered Compression .....	2
22	<u>1016214</u>	Grip, Pencil .....	1
23	<u>1016154</u>	Clip, Scorecard .....	1
24	<u>1016663</u>	Screw, Phillips, Type A, #12-14 x 5/8 .....	2
25	<u>1016156</u>	Wheel, Steering .....	1

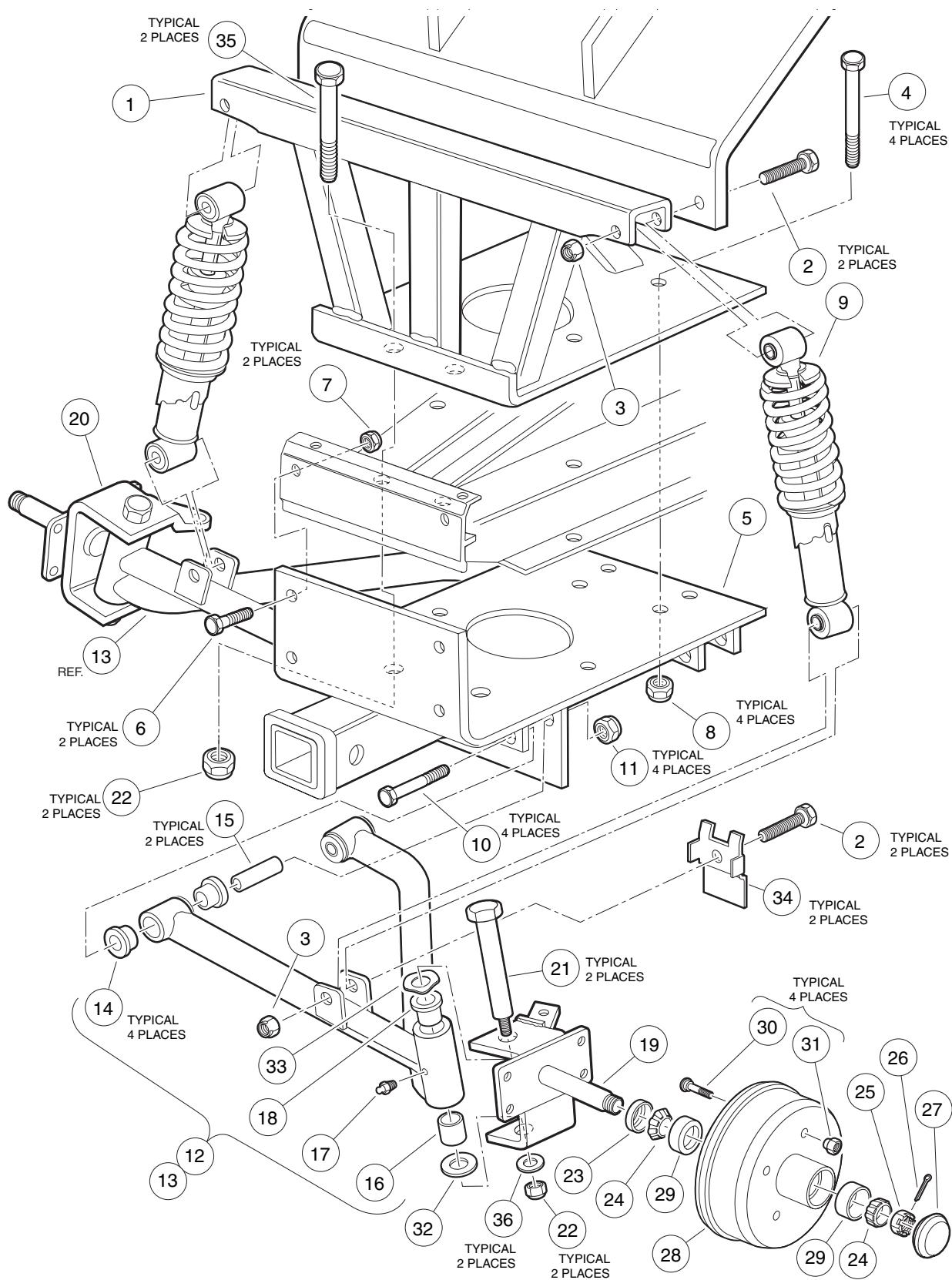
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# STEERING GEAR ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	6
1	<u>102010101</u>	Assembly, Steering Gear Box (includes items 1 - 16) .....	1
2	N/A	Box, Steering Gear .....	1
3	N/A	Rack, Steering .....	1
4	1013051	Pinion, Steering .....	1
5	<u>101879701</u>	Ring, Snap .....	1
6	<u>101879801</u>	Guide, Steering Rack .....	1
7	N/A	Spring, Yoke .....	1
8	<u>1013044</u>	Screw, Rack Guide .....	1
9	<u>101880201</u>	Nut, Hex Jam, M30 x 2 .....	1
10	<u>1013035</u>	Assembly, Inner Ball Joint .....	2
11	<u>8990</u>	Seal, Dust .....	2
12	1013042	Tie, Wire .....	2
13	<u>1013052</u>	Nut, Hex Jam, M12 x 1.25 .....	4
14	N/A	Seal, Dust, Steering Pinion .....	1
15	<u>101879401</u>	Bearing, Lower Pinion .....	1
16	<u>101879901</u>	Bearing, Upper Pinion .....	1
17	<u>102022901</u>	Ring, C-Type Stop .....	1
18	<u>102023301</u>	Nut, Nylon Lock, M12 x 1.25 .....	2
19	<u>102022801</u>	Pin, Cotter .....	2
20	<u>1624</u>	Link, Rack and Pinion Drag .....	2
21	<u>334</u>	Screw, Hex-Head Cap, 3/8-16 x 1-1/2 .....	4
22	<u>1010138</u>	Washer, Flat, Type A, 3/8 .....	4
23	<u>102022601</u>	Nut, Dimpled Lock, 3/8-16 .....	4
		Joint, Ball .....	2

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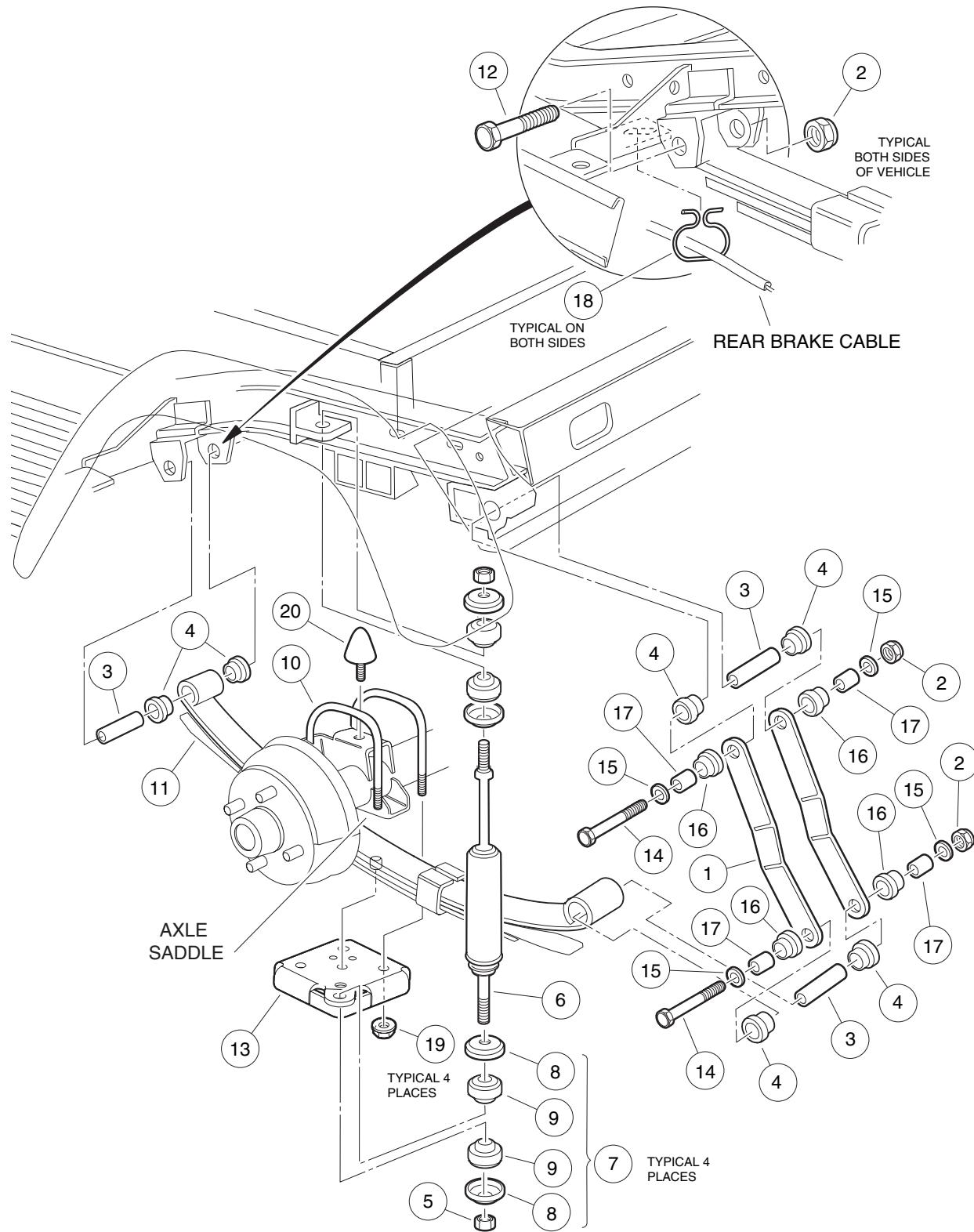


# FRONT SUSPENSION

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ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102012301</u>	Tower, Shock .....	1
2	<u>102023101</u>	Screw, Hex-Head Cap, 7/16-14 x 2-1/4 .....	4
3	<u>1014555</u>	Nut, Nylon Lock, 7/16-14 .....	4
4	<u>7270</u>	Screw, Hex-Head Cap, 3/8-16 x 4-1/2 .....	4
5	<u>102016801</u>	Plate, Suspension Mounting .....	1
6	<u>1010934</u>	Screw, Hex-Head Cap, 5/16-18 x 1 .....	2
7	<u>7473</u>	Nut, Nylon Lock, 5/16-18 .....	2
8	<u>8754</u>	Nut, Nylon Lock, 3/8-16 .....	4
9	<u>102017601</u>	Shock, Coil Over .....	2
10	<u>1016387</u>	Screw, Hex-Head Cap, 3/8-16 x 2-3/4 .....	4
11	<u>8754</u>	Nut, Nylon Lock, 3/8-16 .....	4
12	<u>102052401</u>	Assembly, A-Arm, Driver-Side (includes items 14 - 18) .....	1
13	<u>102052301</u>	Assembly, A-Arm, Passenger-Side (includes items 14 - 18) .....	1
14	<u>1016346</u>	Bushing, Urethane .....	4
15	<u>102066701</u>	Sleeve, Steel .....	2
16	<u>8067</u>	Bushing, Bronze Spindle.....	1
17	<u>1015597</u>	Fitting, Grease, Thread-Forming, 1/4-28 .....	1
18	<u>7048</u>	Bushing, Bronze .....	1
19	<u>102016701</u>	Spindle, Driver-Side .....	1
20	<u>102016501</u>	Spindle, Passenger-Side .....	1
21	<u>102048601</u>	Bolt, Kingpin .....	2
22	<u>101903101</u>	Nut, Nylon Lock, 1/2-20 .....	4
23	<u>102023001</u>	Seal, Double Lip .....	2
24	<u>102013701</u>	Bearing, Hub .....	4
25	<u>102013801</u>	Nut, Slotted Hex .....	2
26	<u>101838801</u>	Pin, Cotter, 5/32 x 1-1/4 .....	2
27	<u>102013601</u>	Cover, Dust .....	2
28	<u>102044201</u>	Assembly, Brake Drum (includes items 29 and 30) .....	2
29	N/A	Cup, Bearing .....	2
30	<u>1013787</u>	Stud, Lug, 1/2-20 .....	4
31	<u>1010984</u>	Nut, Lug, 1/2-20 .....	8
32	<u>1010150</u>	Bearing, Thrust .....	2
33	<u>1016389</u>	Washer, Kingpin Wave .....	2
34	<u>102100001</u>	Stop, Steering .....	2
35	<u>102067001</u>	Screw, Hex-Head Cap, 1/2-20 x 4-1/2 .....	2
36	<u>1010028</u>	Washer, Flat, 1/2 .....	2



# REAR SUSPENSION

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102256901</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>102267301</u>	Shock Absorber, Rear .....	2
7	<u>1011415</u>	Kit, Shock Absorber Cushion (includes items 8 and 9) .....	4
8	N/A	Retainer, Shock Absorber Cushion .....	2
9	N/A	Cushion, Shock Absorber .....	2
10	<u>102258801</u>	U-Bolt .....	4
11	<u>102006501</u>	Spring, Rear Four-leaf .....	2
12	<u>102066201</u>	Screw, Hex-Head Cap, Grade 8, 3/8-16 x 3-1/2 .....	2
13	<u>102266301</u>	Pad, Spring .....	2
14	<u>7270</u>	Screw, Hex-Head Cap, 3/8-16 x 4-1/2 .....	4
15	<u>808</u>	Washer, Flat, 3/8 .....	8
16	<u>1015453</u>	Mount, Compression .....	8
17	<u>102045601</u>	Spacer .....	8
18	<u>101900802</u>	Hanger, Brake Cable .....	2
19	<u>102065001</u>	Nut, Flanged, 7/16-14 .....	8
20	<u>102188701</u>	Stop, Axle .....	2

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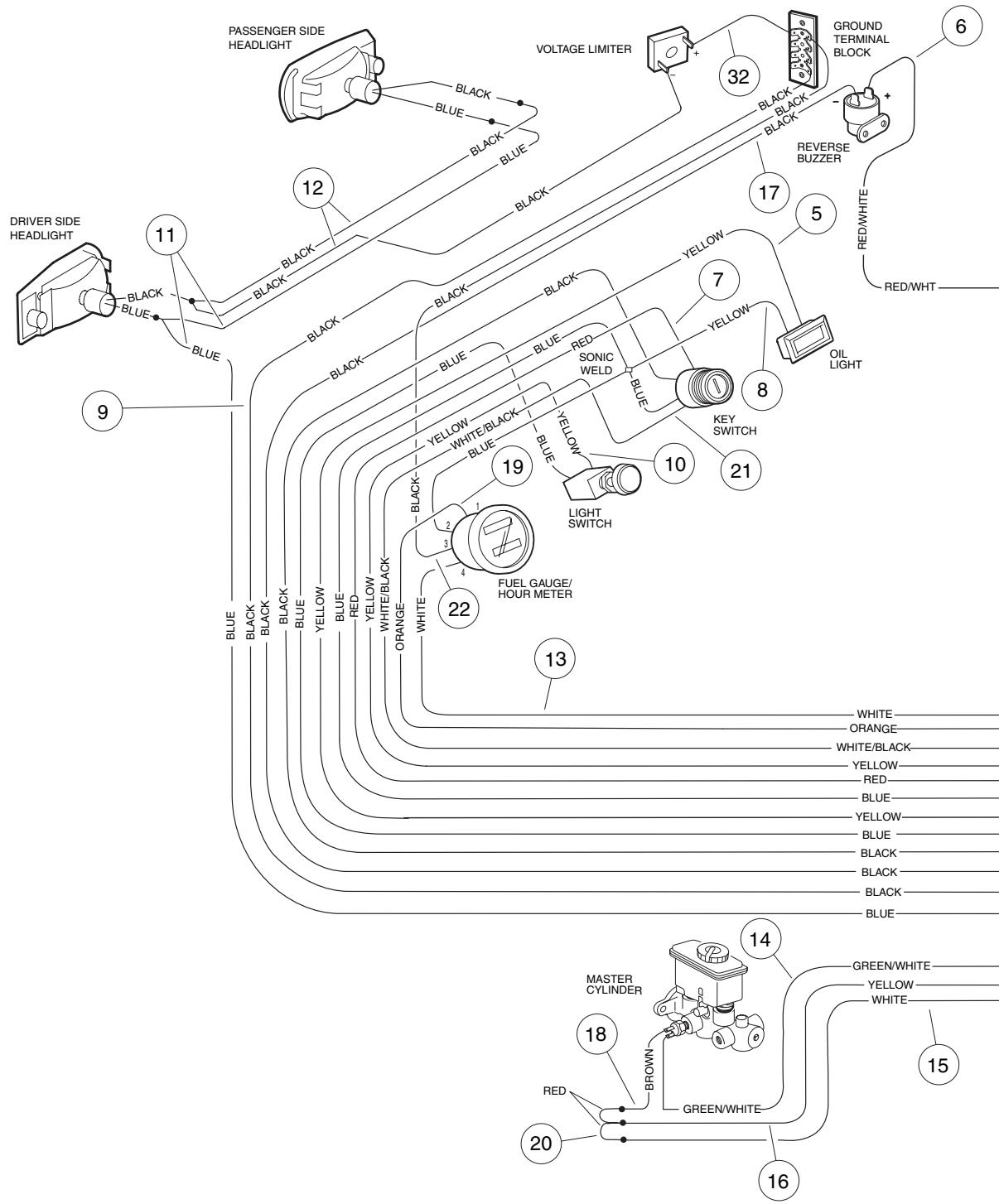
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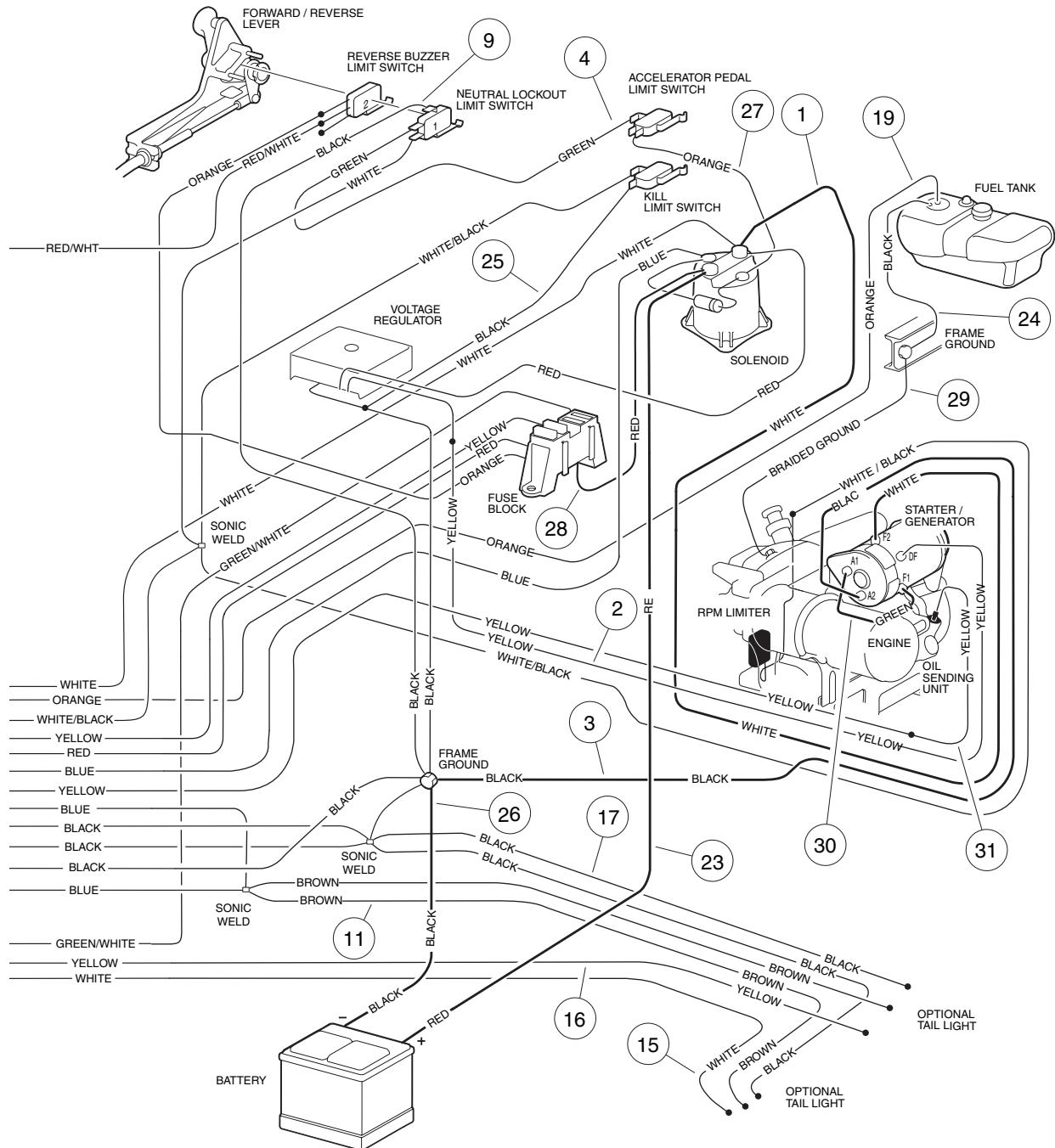
# ELECTRICAL SYSTEM

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## TURF 272 PEDAL-START VEHICLE WIRING





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See previous two pages for wiring diagram.

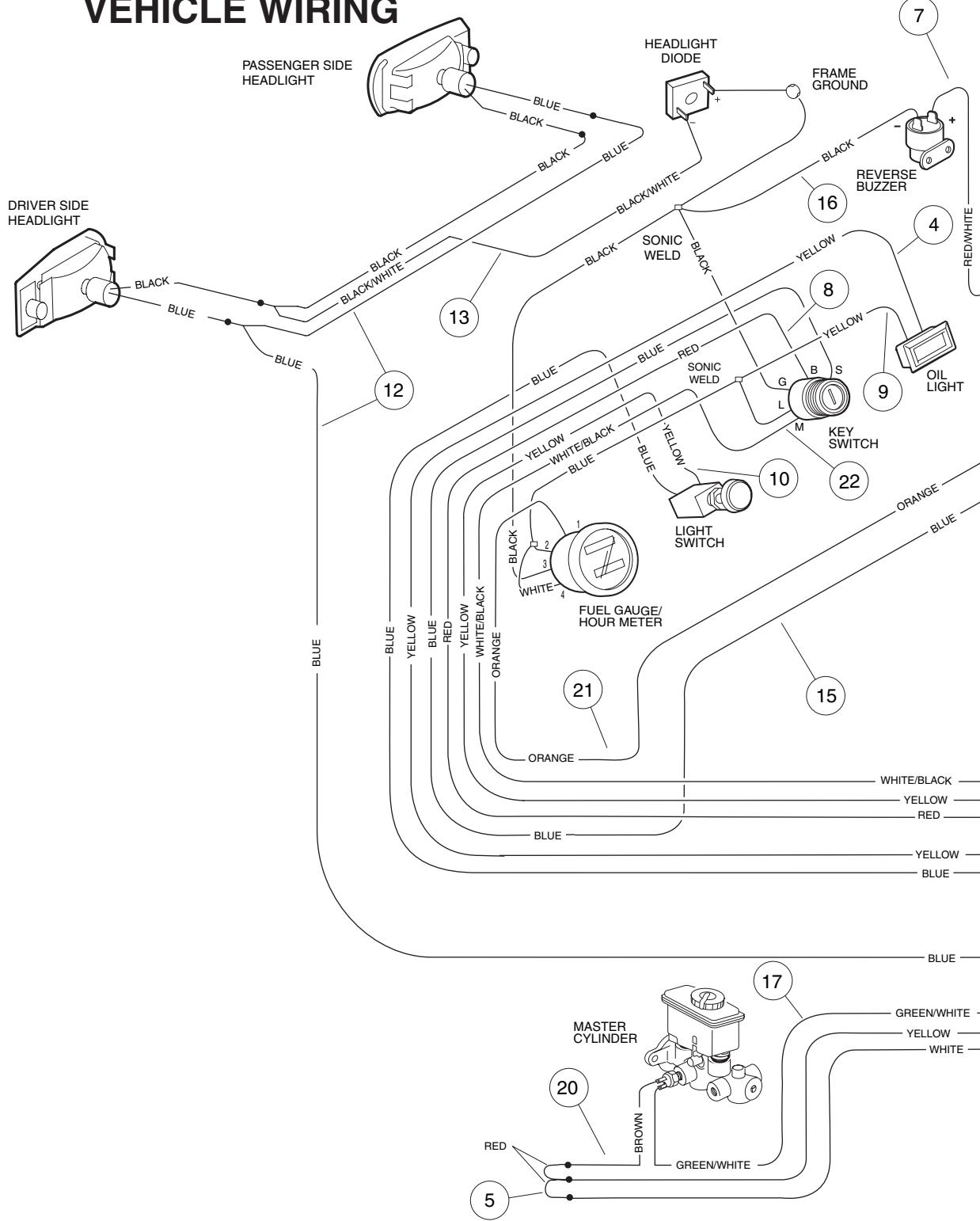
# WIRING – TURF 272, PEDAL-START VEHICLE

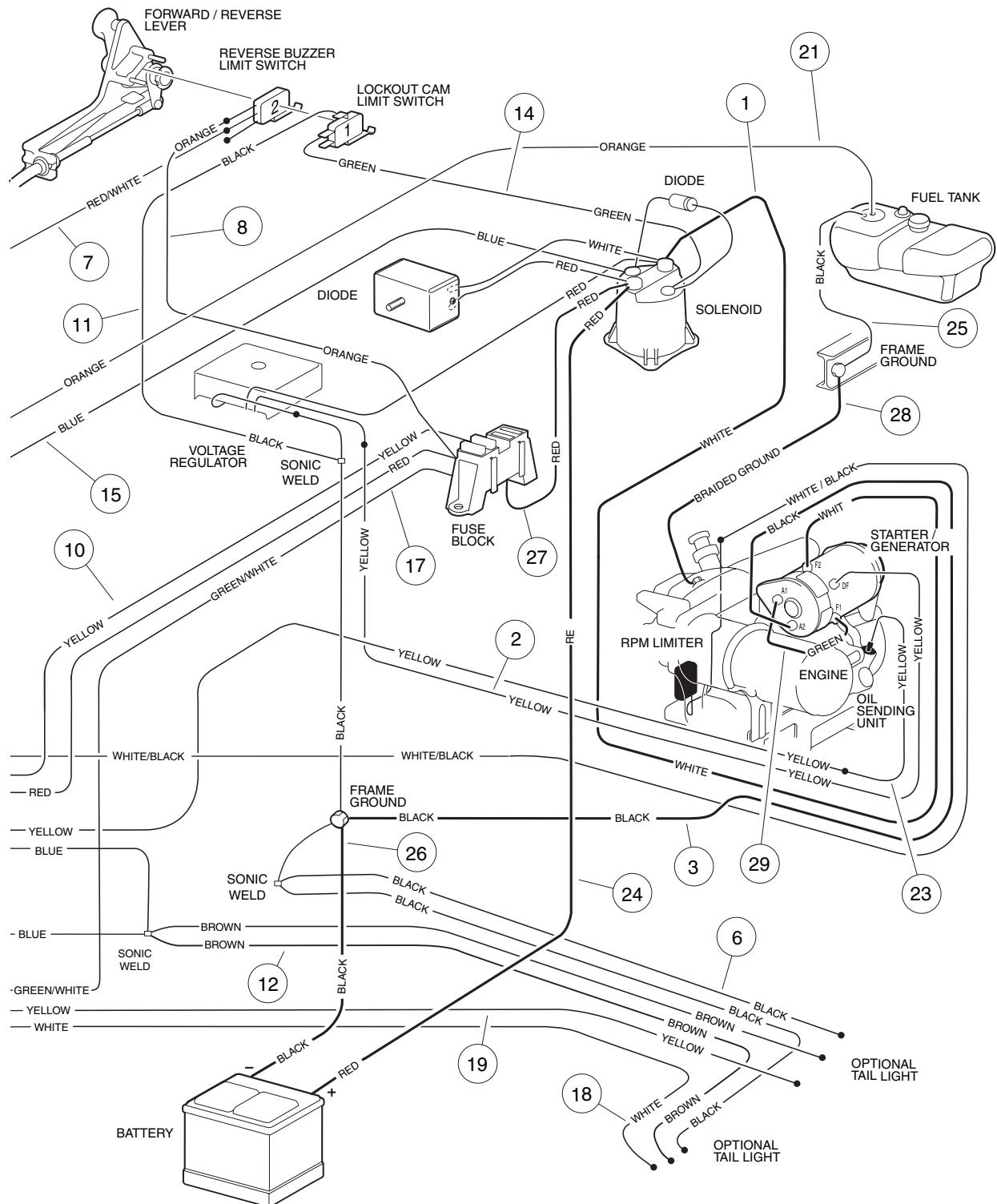
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102032601</u>	Wire Harness Assembly (includes items 1 - 22)	1
1	<u>1015769</u>	Wire Assembly, #6 White	1
2	N/A	Wire Assembly, #16 Yellow	1
3	<u>1016380</u>	Wire Assembly, #6 Black	1
4	N/A	Wire Assembly, #18 Green	1
5	N/A	Wire Assembly, #18 Yellow	1
6	N/A	Wire Assembly, #18 Red/White	1
7	N/A	Wire Assembly, #14 Red, #18 Orange	1
8	N/A	Wire Assembly, #18 Blue, #18 Yellow	1
9	N/A	Wire Assembly, #18 Black, #14 Black	1
10	N/A	Wire Assembly, #14 Yellow	1
11	N/A	Wire Assembly, #16 Blue, #16 Brown	1
12	N/A	Wire Assembly, #16 Black	1
13	N/A	Wire Assembly, #18 White	1
14	N/A	Wire Assembly, #18 Green/White	1
15	N/A	Wire Assembly, #18 White	1
16	N/A	Wire Assembly, #18 Yellow	1
17	N/A	Wire Assembly, #18 Black, #14 Black	1
18	N/A	Wire Assembly, #16 Brown	1
19	N/A	Wire Assembly, #18 Orange	1
20	N/A	Wire Assembly, #18 Red	1
21	N/A	Wire Assembly, #18 White/Black	1
22	N/A	Wire Assembly, #18 Black	1
23	<u>1014119</u>	Wire Assembly, #6 Red	1
24	N/A	Wire Assembly, #18 Black	1
25	N/A	Wire Assembly, #18 Black	1
26	<u>1012382</u>	Wire Assembly, #6 Black	1
27	N/A	Wire Assembly, #18 Orange (part of electrical component box)	1
28	<u>1015737</u>	Wire Assembly, #10 Red (part of electrical component box)	1
29	<u>1015332</u>	Wire Assembly, #10 Braided Ground	1
30	<u>101837301</u>	Wire Assembly, #6 Green	1
31	N/A	Wire Assembly, #18 Yellow	1
32	N/A	Wire Assembly, #16 Black	1

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# CARRYALL AND TURF 272 KEY-START VEHICLE WIRING





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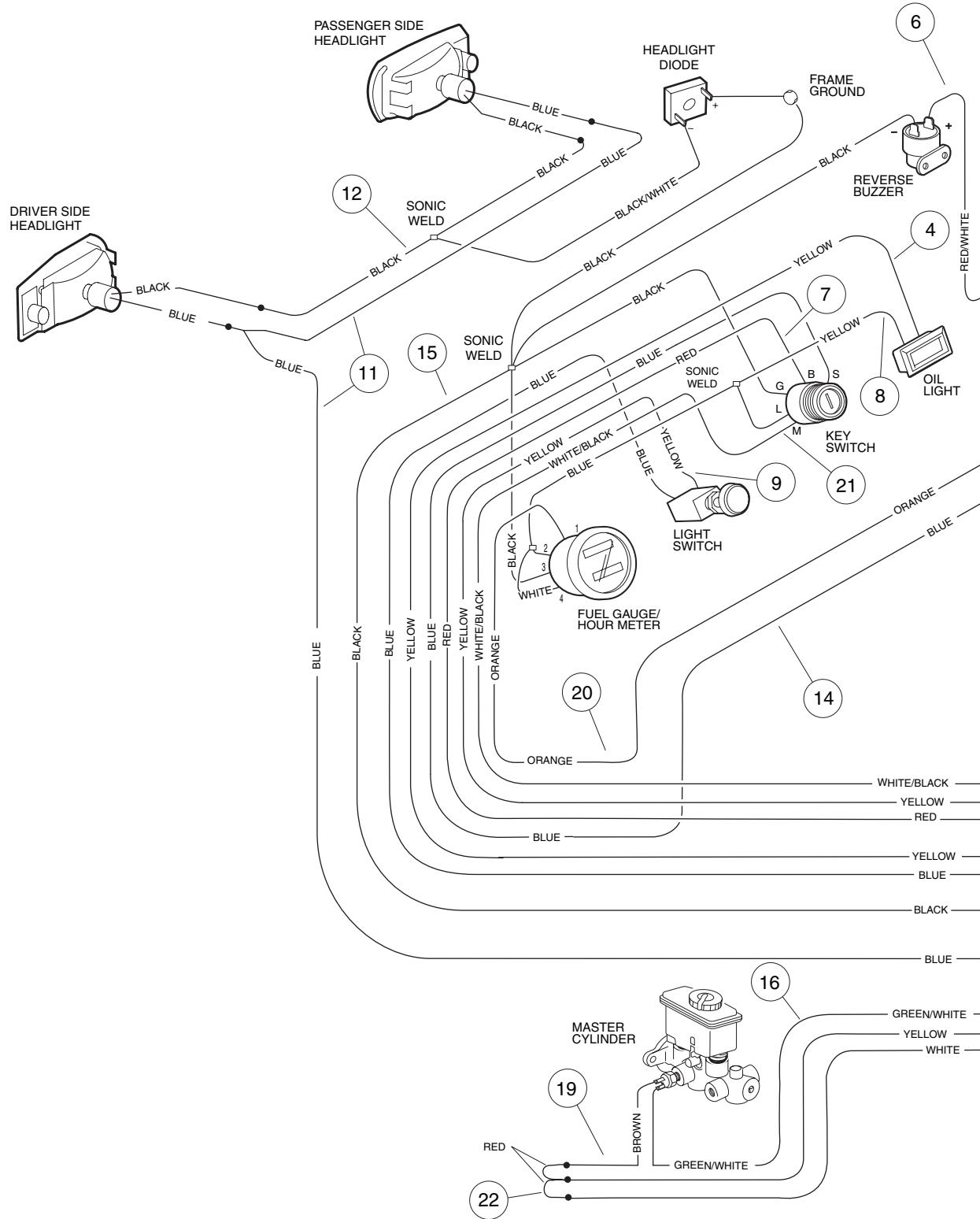
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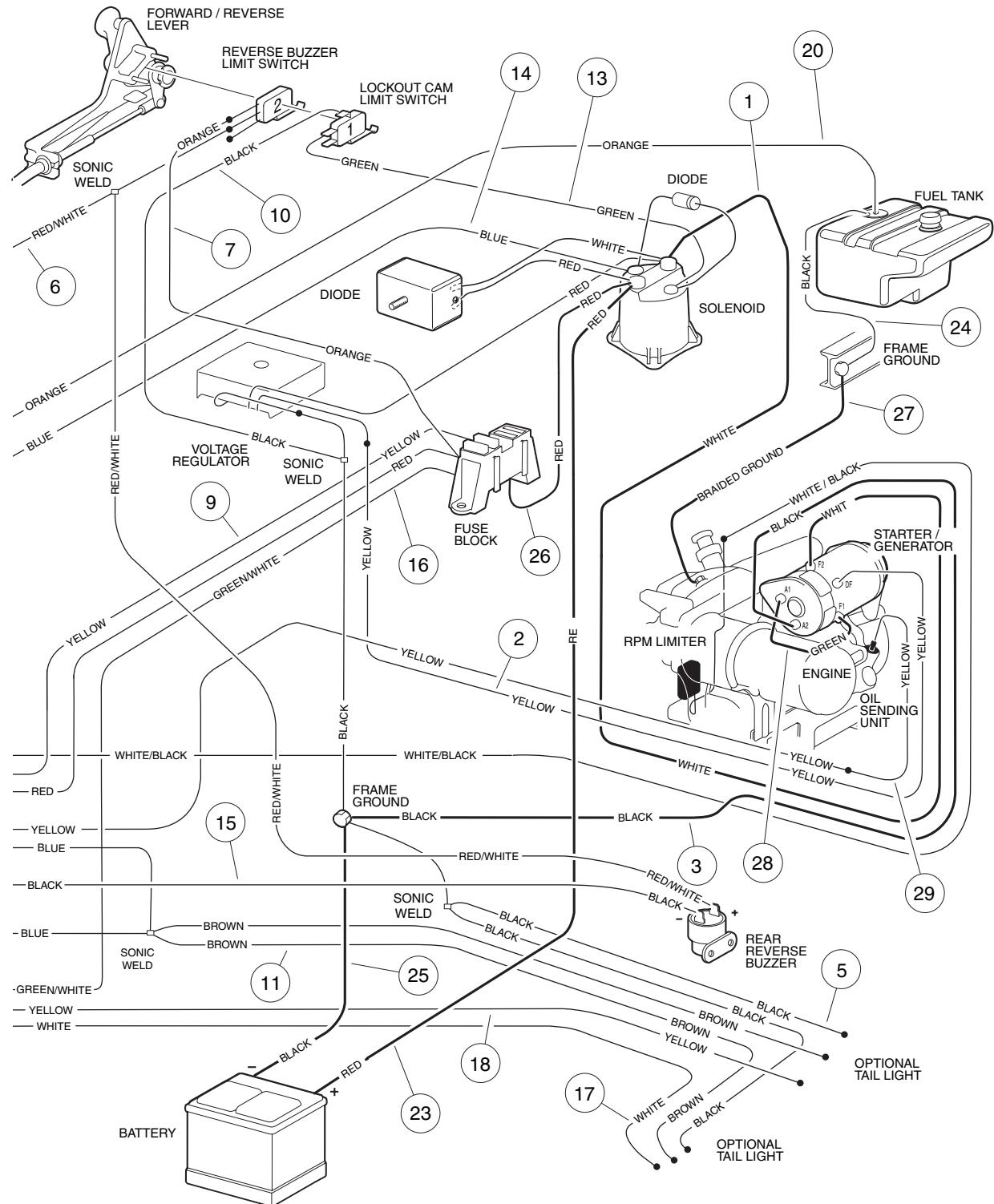
See previous two pages for wiring diagram.

# WIRING – TURF AND CARRYALL 272 KEY-START VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	7
1	<u>102223601</u>	Wire Harness Assembly (includes items 1 - 22)	1
1	<u>1015769</u>	Wire Assembly, #6 White	1
2	N/A	Wire Assembly, #18 Yellow	1
3	<u>1016380</u>	Wire Assembly, #6 Black	1
4	N/A	Wire Assembly, #18 Yellow	1
5	N/A	Wire Assembly, #18 Red	1
6	N/A	Wire Assembly, #18 Black, #16 Black	1
7	N/A	Wire Assembly, #18 Red/White	1
8	N/A	Wire Assembly, #14 Red, #18 Orange	1
9	N/A	Wire Assembly, #18 Yellow, #18 Blue, #18 White	1
10	N/A	Wire Assembly, #14 Yellow	1
11	N/A	Wire Assembly, #18 Black	1
12	N/A	Wire Assembly, #16 Blue, #14 Blue, #18 Brown, #16 Brown	1
13	N/A	Wire Assembly, #16 Black, #16 Black/White	1
14	N/A	Wire Assembly, #18 Green	1
15	N/A	Wire Assembly, #18 Blue	1
16	N/A	Wire Assembly, #18 Black, #16 Black	1
17	N/A	Wire Assembly, #18 Green/White	1
18	N/A	Wire Assembly, #18 White	1
19	N/A	Wire Assembly, #18 Yellow	1
20	N/A	Wire Assembly, #18 Brown	1
21	N/A	Wire Assembly, #18 Orange	1
22	N/A	Wire Assembly, #18 White/Black	1
23	N/A	Wire Assembly, #18 Yellow	1
24	<u>1014119</u>	Wire Assembly, #6 Red	1
25	N/A	Wire Assembly, #18 Black	1
26	<u>1012382</u>	Wire Assembly, #6 Black	1
27	<u>1015737</u>	Wire Assembly, #10 Red (part of electrical component box)	1
28	<u>1015332</u>	Wire Assembly, #10 Braided Ground	1
29	<u>101837301</u>	Wire Assembly, #6 Green	1

## CARRYALL 472 KEY-START VEHICLE WIRING





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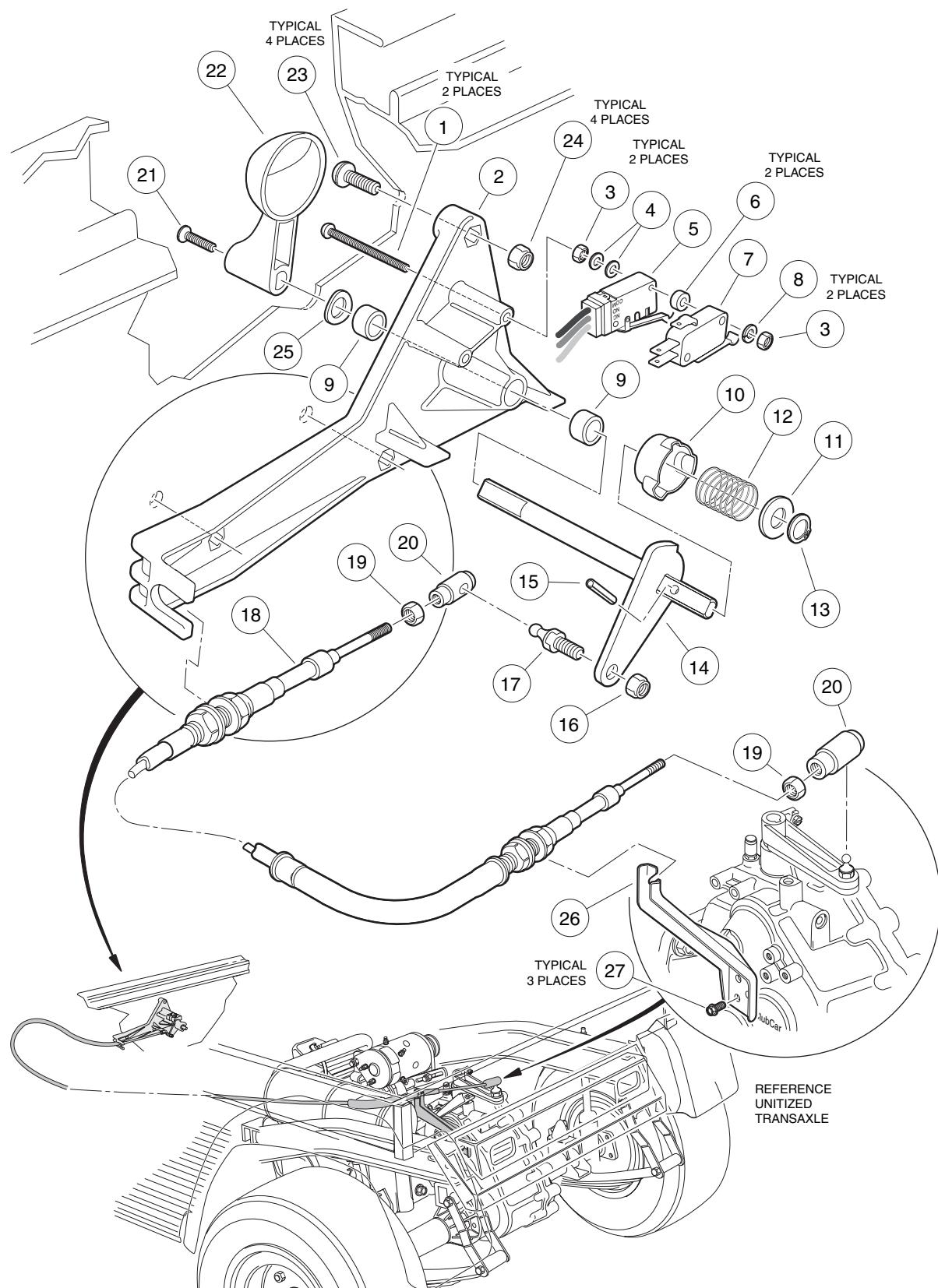
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See previous two pages for wiring diagram.

# WIRING – CARRYALL 472, KEY-START VEHICLE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102316101</u>	Wire Harness Assembly (includes items 1 - 22)	1
1	<u>1015769</u>	Wire Assembly, #6 White	1
2	N/A	Wire Assembly, #16 Yellow	1
3	<u>1016380</u>	Wire Assembly, #6 Black	1
4	N/A	Wire Assembly, #18 Yellow	1
5	N/A	Wire Assembly, #18 Black, #16 Black	1
6	N/A	Wire Assembly, #18 Red/White	1
7	N/A	Wire Assembly, #14 Red, #18 Orange	1
8	N/A	Wire Assembly, #18 Blue, #18 Yellow, and #18 White	1
9	N/A	Wire Assembly, #14 Yellow	1
10	N/A	Wire Assembly, #18 Black	1
11	N/A	Wire Assembly, #16 Blue, #16 Brown	1
12	N/A	Wire Assembly, #16 Black, #16 Black/White	1
13	N/A	Wire Assembly, #18 Green	1
14	N/A	Wire Assembly, #18 Blue	1
15	N/A	Wire Assembly, #18 Black, #16 Black	1
16	N/A	Wire Assembly, #18 Green/White	1
17	N/A	Wire Assembly, #18 White	1
18	N/A	Wire Assembly, #18 Yellow	1
19	N/A	Wire Assembly, #18 Brown	1
20	N/A	Wire Assembly, #18 Orange	1
21	N/A	Wire Assembly, #18 White/Black	1
22	N/A	Wire Assembly, #18 Red	1
23	<u>1014119</u>	Wire Assembly, #6 Red	1
24	N/A	Wire Assembly, #18 Black	1
25	<u>1012382</u>	Wire Assembly, #6 Black	1
26	<u>1015737</u>	Wire Assembly, #10 Red (part of electrical component box)	1
27	<u>1015332</u>	Wire Assembly, #10 Braided Ground	1
28	<u>101837301</u>	Wire Assembly, #6 Green	1
29	N/A	Wire Assembly, #18 Yellow	1

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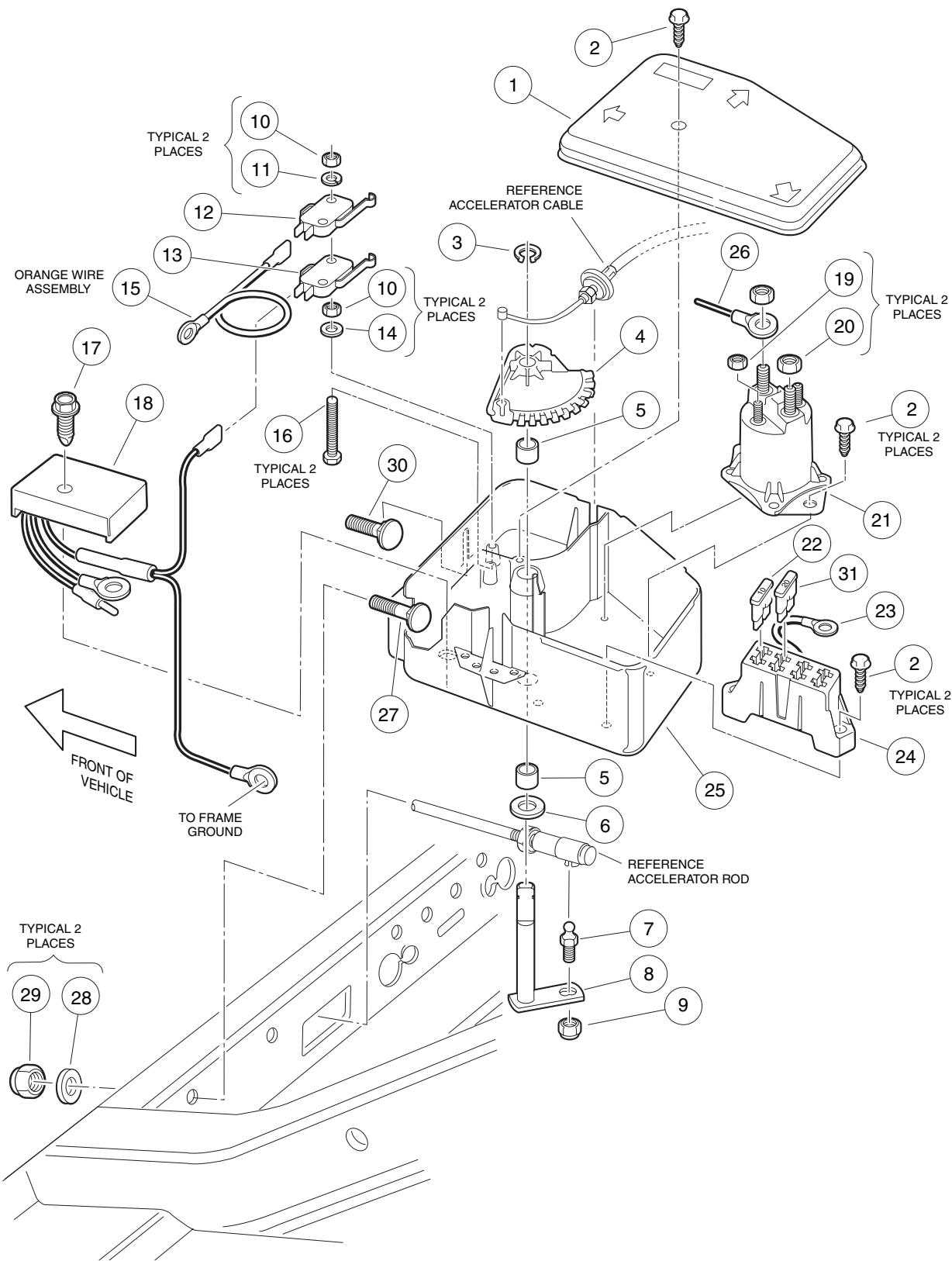


# FORWARD/REVERSE SHIFTER ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1016947</u>	Assembly, Forward/Reverse Shifter (includes items 1 - 17) .....	1
1	<u>1012594</u>	Screw, Machine, #4-40 x 1-1/2 .....	2
2	<u>1016342</u>	Base, Forward/Reverse Shifter .....	1
3	<u>8057</u>	Nut, Hex-Head, #4-40 .....	4
4	<u>1012431</u>	Washer, Flat, #4 .....	4
5	<u>101979101</u>	Switch, Limit .....	1
6	<u>1014727</u>	Washer, Nylon Flat, #4 .....	2
7	<u>1014807</u>	Switch, Limit .....	1
8	<u>8058</u>	Washer, Lock, #4 .....	2
9	<u>1014145</u>	Bushing, Bronze .....	2
10	<u>1014089</u>	Kit, Neutral Lockout Cam (includes item 11) .....	1
11	<u>1014065</u>	Washer, Flat, Delrin .....	1
12	<u>1013590</u>	Spring, Forward/Reverse Cam .....	1
13	<u>1013589</u>	Ring, Retaining .....	1
14	<u>1013587</u>	Weldment, Forward/Reverse Bell Crank .....	1
15	<u>1013591</u>	Pin, Roll, 1/8 .....	1
16	<u>8717</u>	Nut, Nylon Lock, 1/4-28 .....	1
17	<u>1010954</u>	Stud, Ball, 1/4-28 x 1/4 .....	1
18	<u>1015409</u>	Cable, Transmission (includes items 19 and 20) (Turf 272 and Carryall 272) .....	1
18	<u>101672701</u>	Cable, Transmission (includes items 19 and 20) (Carryall 472) .....	1
19	<u>7893</u>	Nut, Hex, #10-32 .....	2
20	<u>1012333</u>	Joint, Ball .....	2
21	<u>1015064</u>	Screw, Phillips Oval Countersunk Machine, SS, #8-32 x 5/8 .....	1
22	<u>1012987</u>	Handle, Forward/Reverse Switch .....	1
23	<u>8248</u>	Screw, Phillips Truss-Head, 1/4-20 x 3/4 .....	4
24	<u>8233</u>	Nut, Nylon Lock, 1/4-20 .....	4
25	<u>1016201</u>	Washer, Wave, 3/8 .....	1
26	<u>102045901</u>	Bracket, Transmission Cable Support .....	1
27	<u>1012285</u>	Screw, Thread-Rolling, 1/4-20 x 5/8 .....	3

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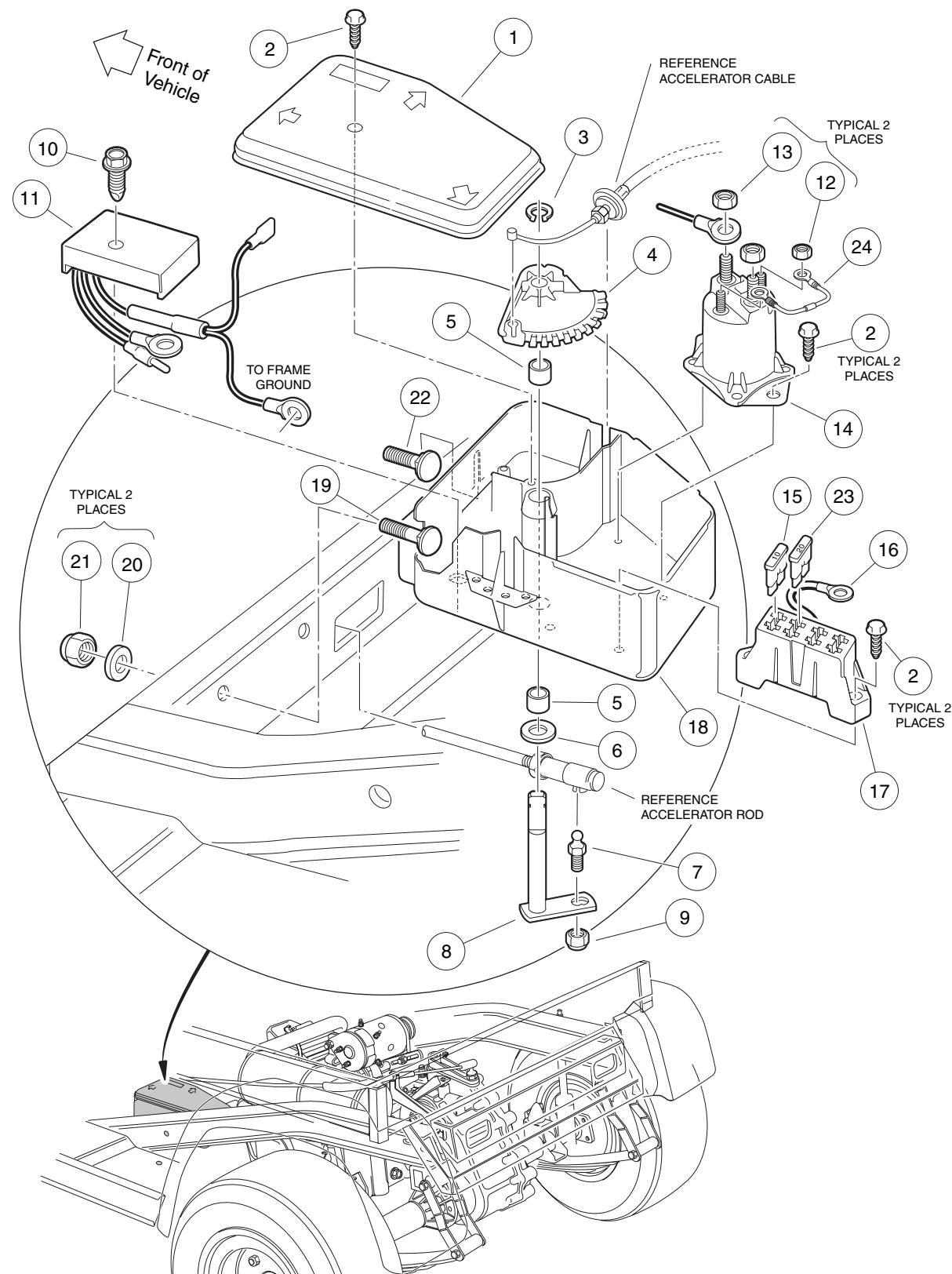


# ELECTRICAL COMPONENT BOX, PEDAL-START VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1015372</u>	Cover, Electrical Component Box .....	1
2	<u>1015752</u>	Screw, Hi-lo, #12-16 x 5/8 .....	5
3	<u>1013589</u>	Ring, Retaining .....	1
4	<u>1015373</u>	Cam, Electrical Box .....	1
5	<u>1014145</u>	Bushing, Bronze .....	2
6	<u>1014065</u>	Washer, Flat, Delrin .....	1
7	<u>1010954</u>	Stud, Ball, 1/4-28 .....	1
8	<u>1015345</u>	Assembly, Bell Crank and Shaft .....	1
9	<u>8717</u>	Nut, Nylon Lock, 1/4-28 .....	1
10	<u>8057</u>	Nut, Hex, #4-40 .....	4
11	<u>8058</u>	Washer, Lock, #4 .....	2
12	<u>1014807</u>	Switch, Limit .....	1
13	<u>1014808</u>	Switch, Limit .....	1
14	<u>1012431</u>	Washer, Flat, #4 .....	2
15	N/A	Wire Assembly, #16 Orange .....	1
16	<u>1015878</u>	Screw, Hex-Head Machine, #4-40 x 1-5/8 .....	2
17	<u>101856102</u>	Screw, Hex Washer-Head Hi-Lo, 1/4-15 x 1-1/2 .....	1
18	<u>1015777</u>	Regulator, Voltage .....	1
19	<u>7893</u>	Nut, Hex, #10-32 .....	2
20	<u>1242</u>	Nut, Hex, 5/16-18 .....	2
21	<u>1013609</u>	Solenoid, 12-volt .....	1
22	<u>1012295</u>	Fuse, 10-amp .....	1
23	<u>1015737</u>	Wire Assembly, #10 Red .....	1
24	<u>1015741</u>	Block, Fuse .....	1
25	<u>1015371</u>	Box, Electrical Component .....	1
26	<u>1014119</u>	Wire Assembly, #6 Red .....	1
27	<u>1015405</u>	Bolt, Carriage, 5/16-18 x 2 .....	1
28	<u>1241</u>	Washer, Flat, 5/16 .....	2
29	<u>7473</u>	Nut, Nylon Lock, 5/16-18 .....	2
30	<u>7818</u>	Bolt, Carriage, 5/16-18 x 1-1/2 .....	1
31	<u>1016423</u>	Fuse, 20-amp .....	1

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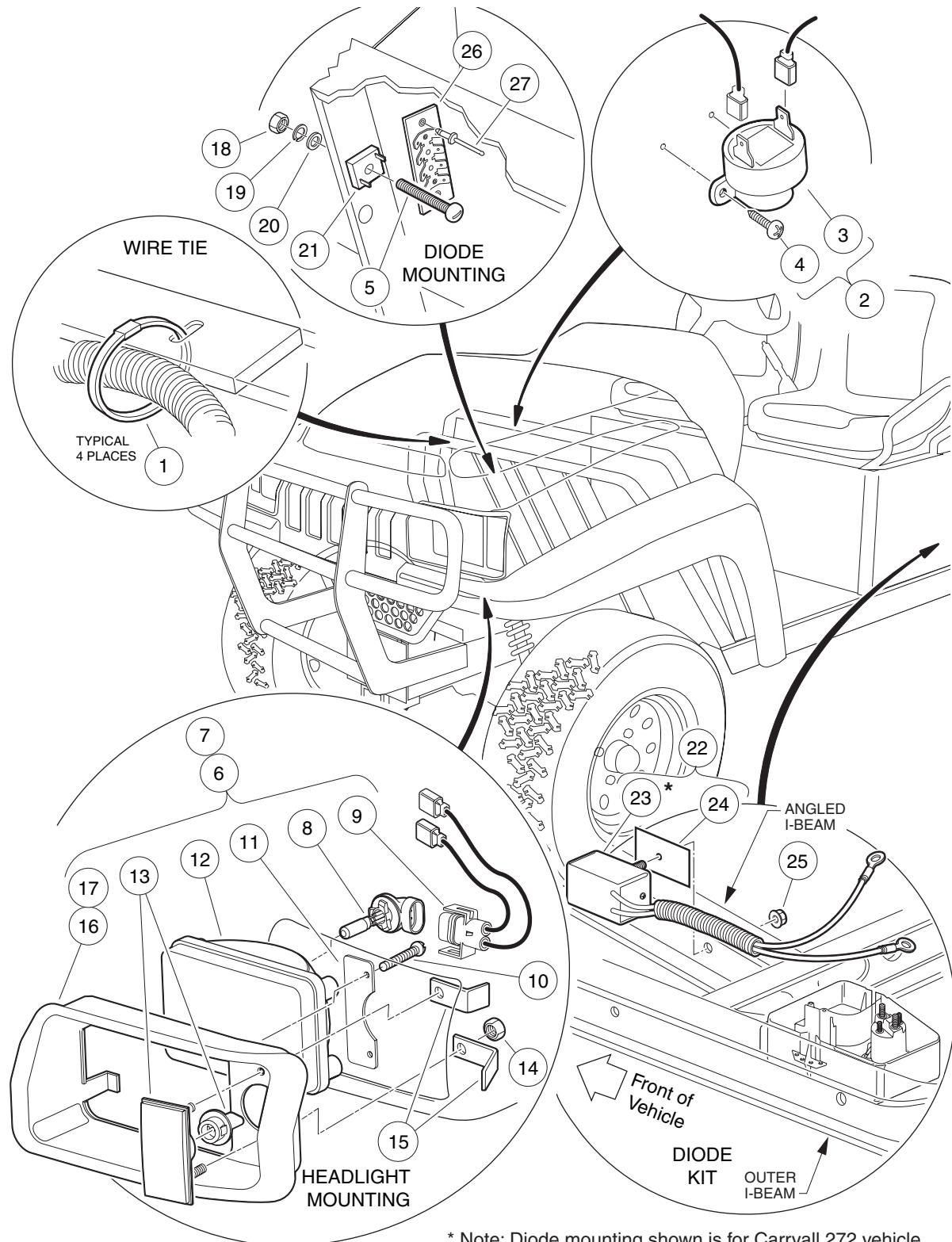
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# ELECTRICAL COMPONENT BOX, KEY-START VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1015372</u>	Cover, Electrical Component Box .....	1
2	<u>1015752</u>	Screw, Hi-Lo, #12-16 x 5/8 .....	5
3	<u>1013589</u>	Ring, Retaining .....	1
4	<u>1015373</u>	Cam, Electrical Box .....	1
5	<u>1014145</u>	Bushing, Bronze .....	2
6	<u>1014065</u>	Washer, Flat, Delrin .....	1
7	<u>1010954</u>	Stud, Ball, 1/4-28 .....	1
8	<u>1015345</u>	Assembly, Bell Crank and Shaft .....	1
9	<u>8717</u>	Nut, Nylon Lock, 1/4-28 .....	1
10	<u>101856102</u>	Screw, Hex Washer-Head Hi-Lo, 1/4-15 x 1-1/2 .....	1
11	<u>1015777</u>	Regulator, Voltage .....	1
12	<u>7893</u>	Nut, Hex, #10-32 .....	2
13	<u>1242</u>	Nut, Hex, 5/16-18 .....	2
14	<u>1013609</u>	Solenoid, 12-Volt .....	1
15	<u>1012295</u>	Fuse, 10-Amp .....	1
16	<u>1015737</u>	Wire Assembly, #10 Red .....	1
17	<u>1015741</u>	Block, Fuse .....	1
18	<u>1015371</u>	Box, Electrical Component .....	1
19	<u>1015405</u>	Bolt, Carriage, 5/16-18 x 2 .....	1
20	<u>1241</u>	Washer, Flat, 5/16 .....	2
21	<u>7473</u>	Nut, Nylon Lock, 5/16-18 .....	2
22	<u>7818</u>	Bolt, Carriage, 5/16-18 x 1-1/2 .....	1
23	<u>1016423</u>	Fuse, 20-Amp .....	1
24	<u>1014948</u>	Diode, Flyback .....	1

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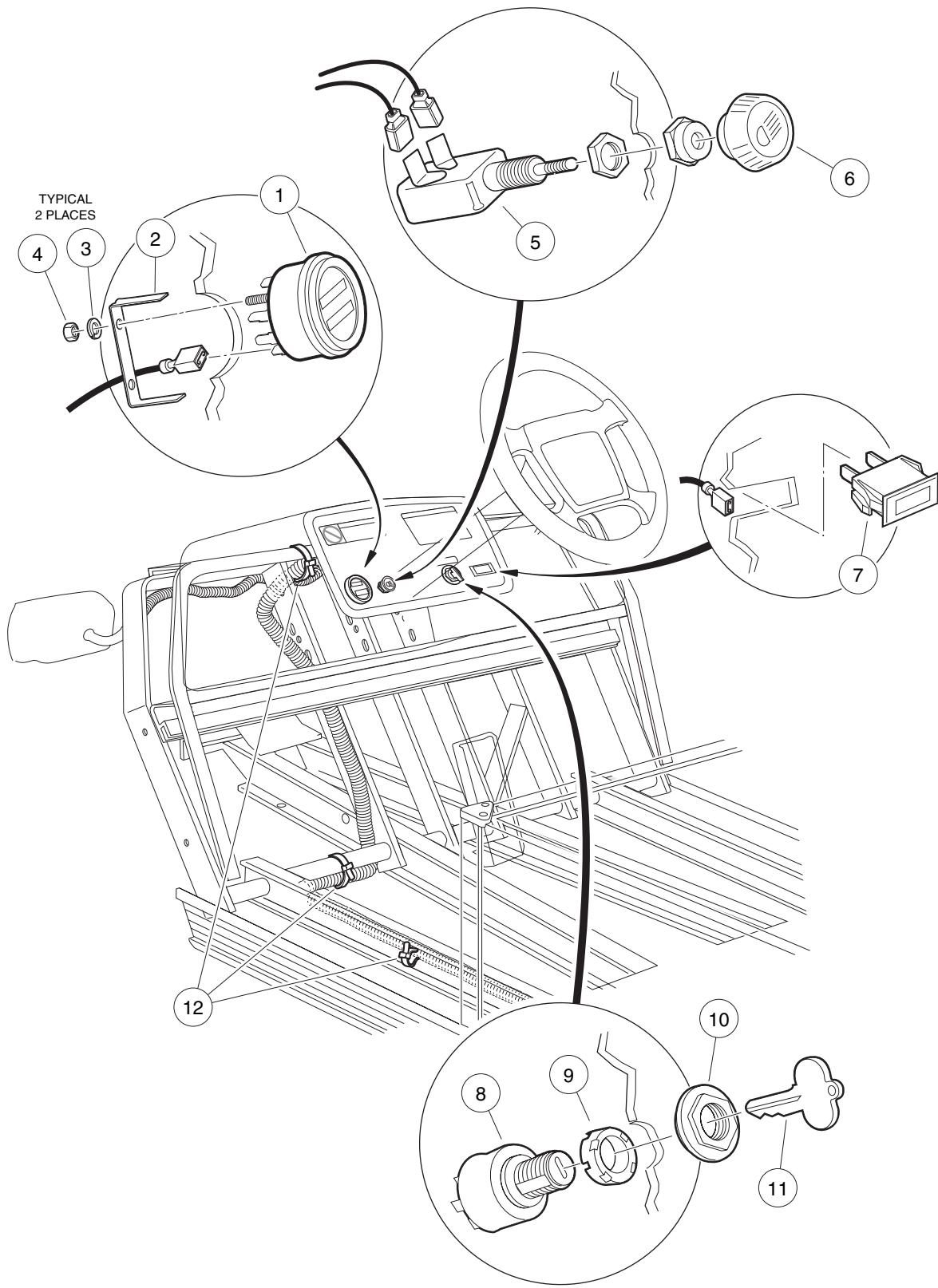
\* Note: Diode mounting shown is for Carryall 272 vehicle.  
The diode mounts differently on a Carryall 472 vehicle.

# ELECTRICAL COMPONENTS, FRONT BODY

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>8639</u>	Tie, Wire .....	4
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>1010909</u>	Screw, Machine Head, #10-32 x 1-1/4 .....	1
6	<u>101988001</u>	Assembly, Headlight, Driver-Side (includes items 8 - 16) .....	1
7	<u>101988002</u>	Assembly, Headlight, Passenger-Side (includes items 8 - 15 and 17) .....	1
8	<u>101988101</u>	Bulb, Halogen .....	1
9	<u>101987901</u>	Harness, Headlight Wire .....	1
10	<u>1013461</u>	Screw, Hi-Lo, #10-16 .....	2
11	<u>1017065</u>	Retainer, Headlight .....	1
12	<u>101988201</u>	Lens, Headlight .....	1
13	<u>1017062</u>	Assembly, Turn Signal Lens .....	1
14	<u>7893</u>	Nut, Hex, #10-32 .....	2
15	<u>1017064</u>	Bracket, Mounting .....	2
16	<u>1016880</u>	Bezel, Headlight, Driver-Side .....	1
17	<u>1016879</u>	Bezel, Headlight, Passenger-Side .....	1
18	<u>7893</u>	Nut, Hex, #10-32 .....	1
19	<u>1016</u>	Washer, Lock, #10 .....	1
20	<u>183</u>	Washer, Flat, Type A, #10 .....	1
21	<u>1017721</u>	Diode (key-start vehicles only) .....	1
22	<u>102272501</u>	Kit, Diode (includes items 23 - 25) (key-start vehicles only) .....	1
23	<u>102264001</u>	Assembly, Diode (key-start vehicles only) .....	1
24	<u>102269701</u>	Pad, Thermal (key-start vehicles only) .....	1
25	<u>101963401</u>	Nut, Hex Flanged Lock (key-start vehicles only) .....	1
26	<u>1016356</u>	Block, Terminal (pedal-start vehicles only) .....	1
27	<u>1013357</u>	Rivet, Pop, Aluminum 5/32 (pedal-start vehicles only) .....	2

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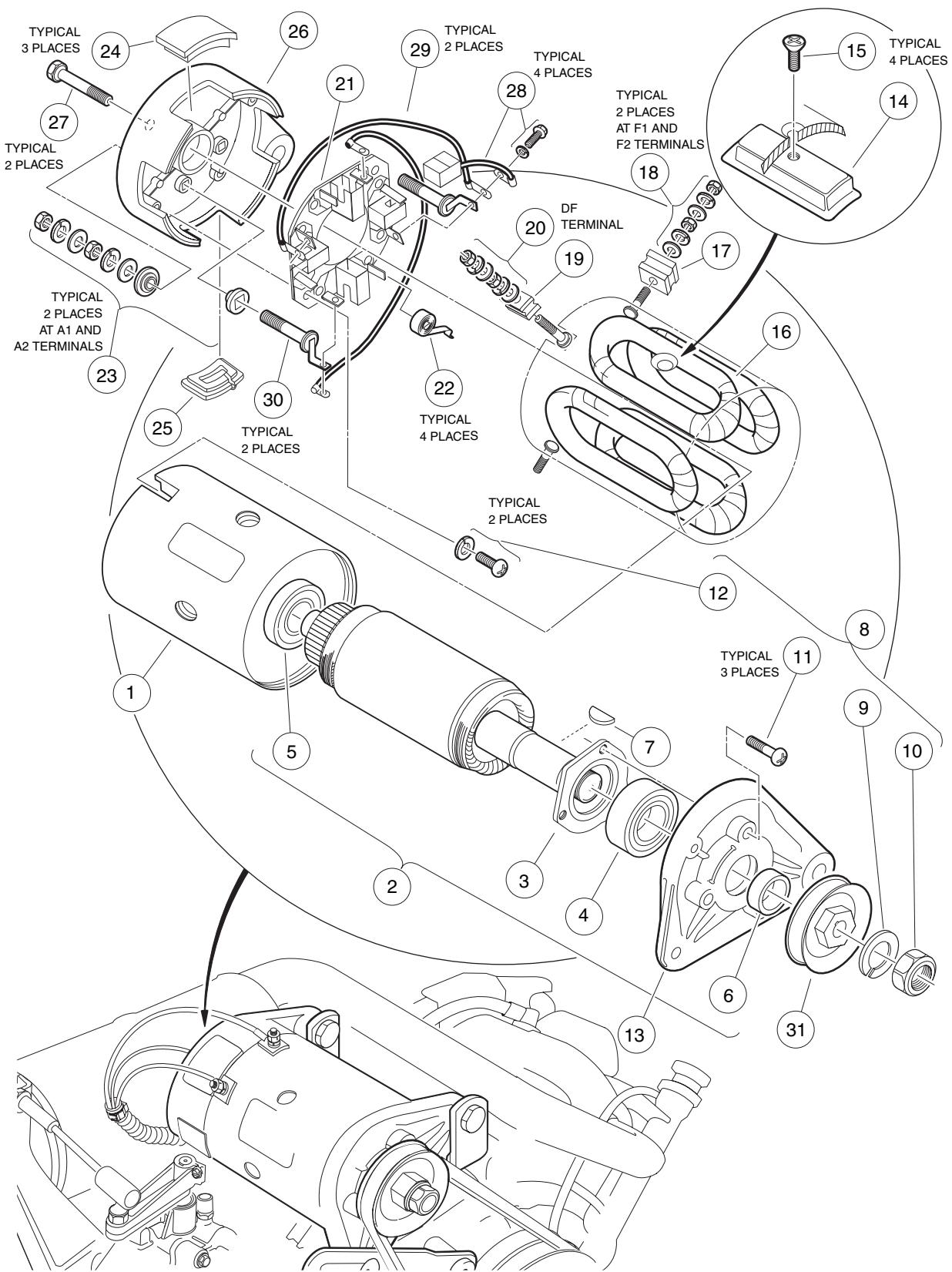
# ELECTRICAL COMPONENTS, DASH PANEL

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>101990701</u>	Fuel Gauge/Hour Meter (includes item 2) .....	1
2	N/A	Bracket .....	1
3	<u>1012986</u>	Washer, Lock, M4 .....	2
4	<u>101991101</u>	Nut, M4 x 0.7 .....	2
5	<u>102051901</u>	Switch, Light .....	1
6	<u>1013857</u>	Knob, Light Switch .....	1
7	<u>1016630</u>	Light, Low Oil Warning .....	1
8	<u>102044701</u>	Switch, Key (pedal-start vehicles only) .....	1
8	<u>102044702</u>	Switch, Key (key-start vehicles only) .....	1
9	<u>102051601</u>	Spacer, Key Switch .....	1
10	<u>102051701</u>	Nut, Key Switch .....	1
11	102044801	Key (pair) .....	1
12	<u>8990</u>	Tie, Wire .....	3

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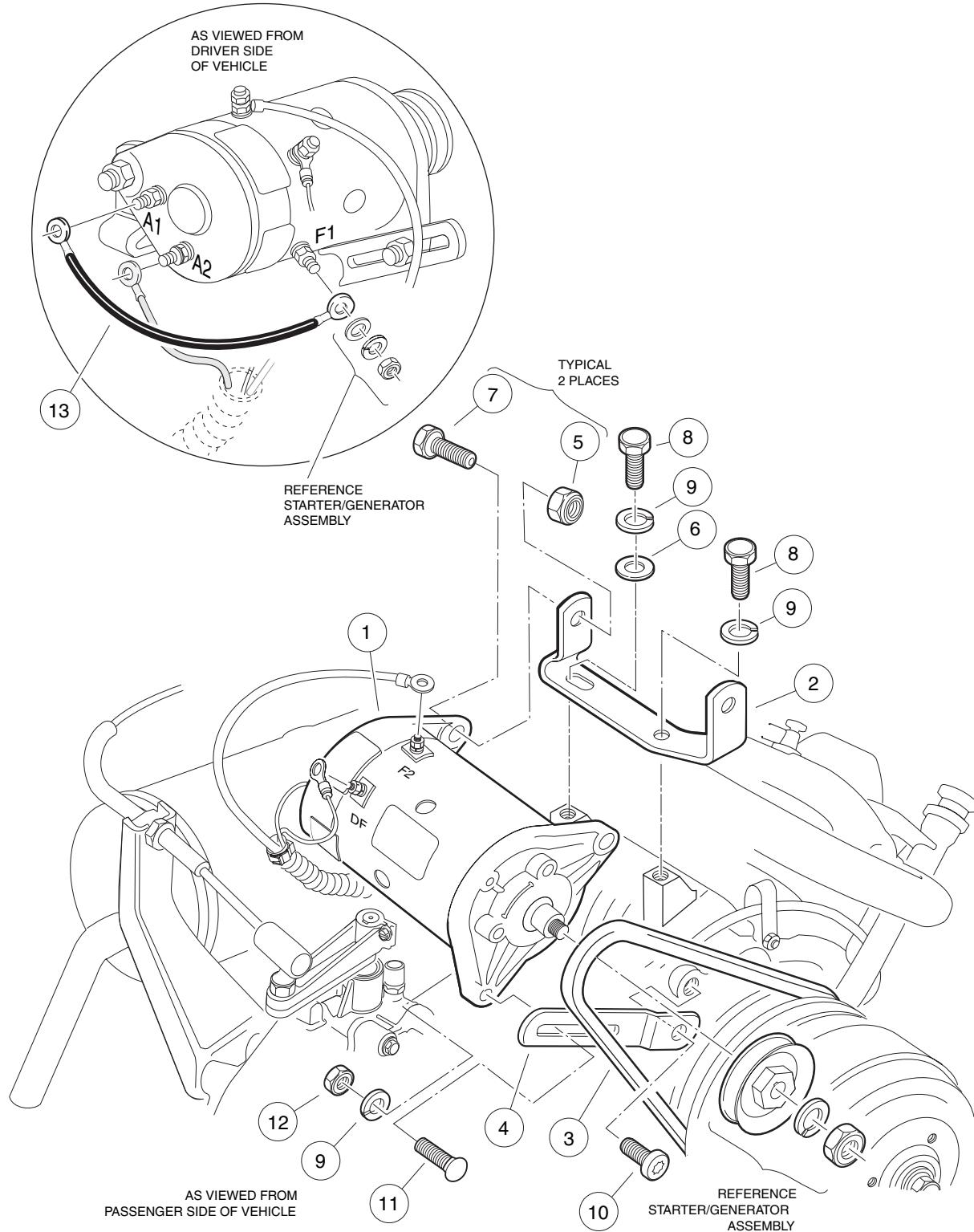
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# STARTER/GENERATOR ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	7
1	<u>101833701</u>	Starter/Generator (clockwise rotation) (includes items 1 - 30)	1
1	<u>101875201</u>	Housing, Field Coil	1
2	<u>101875101</u>	Assembly, Armature (includes items 3 - 6)	1
3	<u>101875001</u>	Retainer, Bearing	1
4	<u>1013001</u>	Ball Bearing, Output Shaft	1
5	<u>1013005</u>	Commutator, Ball Bearing	1
6	<u>101939901</u>	Spacer, 5/16	1
7	<u>1013003</u>	Key, Woodruff	1
8	<u>101876501</u>	Kit, Pulley Nut and Screw (includes items 9 - 12)	1
9	N/A	Washer, Lock, M14	1
10	N/A	Nut, Hex, M14 x 2	1
11	N/A	Screw, Cross-Recessed, M5 x 0.8 x 18 mm	3
12	<u>101896501</u>	Screw, Cross-Recessed, M5 x 0.8 x 16 mm (with lock washer)	2
13	<u>101874901</u>	End Bell, Output Shaft	1
14	<u>101875301</u>	Set, Pole (set of 4)	1
15	<u>101875401</u>	Screw, Pole Piece (set of 4)	1
16	<u>101875501</u>	Coil, Field	1
17	<u>101875601</u>	Insulator, F Terminal	2
18	<u>101877601</u>	Package, Terminal Hardware (F1 and F2)	2
19	<u>101875701</u>	Insulator, DF Terminal	1
20	<u>101877701</u>	Package, Terminal Hardware (DF)	1
21	<u>101301102</u>	Holder, Brush (includes item 22)	1
22	<u>101878101</u>	Spring, Brush	4
23	<u>101876001</u>	Package, Terminal Hardware (A1 and A2)	2
24	<u>101876301</u>	Cover, Brush Inspection Port (set of 4) (includes item 25)	1
25	<u>1017653</u>	Cover, Brush Inspection Port, with Drain	1
26	<u>101876402</u>	End Bell, Commutator	1
27	<u>101879001</u>	Bolt, Clamp, M6 x 1 x 180 mm	2
28	<u>101869302</u>	Package, Brush (includes 4 brushes, 4 screws, 4 washers)	1
29	<u>101876202</u>	Connector, Brush	2
30	<u>101875802</u>	A Connector (set of 2)	1
31	<u>1014289</u>	Pulley	1

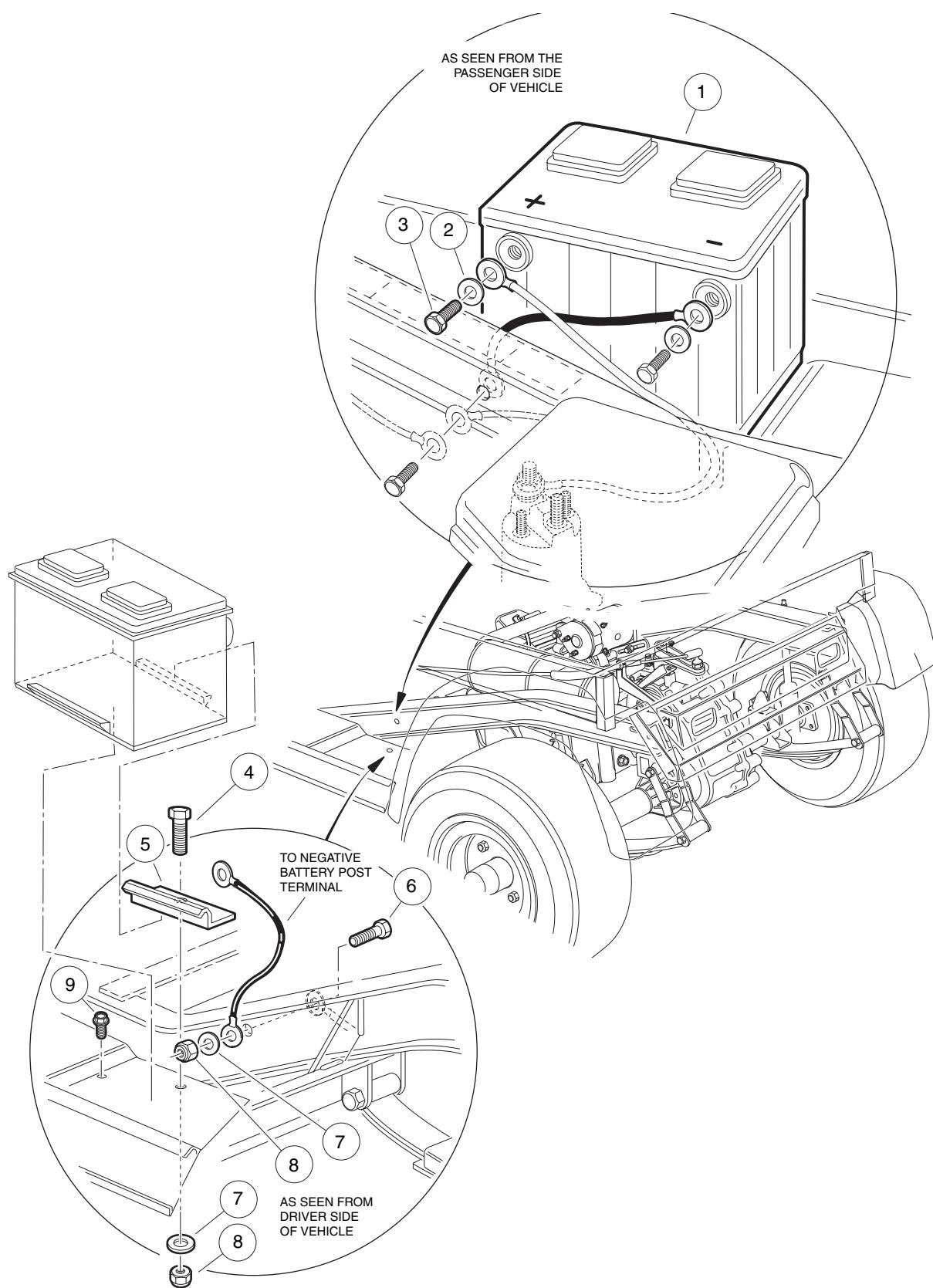
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# STARTER/GENERATOR MOUNTING

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>101833701</u>	Starter/Generator (clockwise rotation) .....	1
2	<u>101524002</u>	Bracket, Mounting, FE350 and FE400 .....	1
3	<u>101916701</u>	Belt, Starter/Generator .....	1
4	<u>1016883</u>	Bracket, Adjusting .....	1
5	<u>8754</u>	Nut, Nylon Lock, 3/8-16 .....	2
6	<u>1241</u>	Washer, Flat, Type A, 5/16 (replaces stainless steel washer 1015075).....	1
7	<u>705</u>	Screw, Hex-Head Cap, 3/8-16 x 1-1/4 .....	2
8	<u>1012830</u>	Screw, Hex-Head Cap, M8 x 1.25 x 22 mm .....	2
9	<u>7174</u>	Washer, Lock, 5/16 .....	3
10	<u>1016074</u>	Screw, Torx-Head, M8 x 1.25 x 18 mm .....	1
11	<u>1015932</u>	Bolt, Carriage, 5/16-18 x 1 .....	1
12	<u>1242</u>	Nut, Hex, 5/16-18 .....	1
13	<u>101837301</u>	Wire Assembly, #6 Green .....	1

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# BATTERY

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ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1012328</u>	Battery, 12-Volt .....	1
2	<u>102355301</u>	Washer, Lock, SS, 3/8 .....	2
3	<u>1014375</u>	Screw, Hex-Head Cap, Stainless Steel, 3/8-16 x 1/2 .....	2
4	<u>1010934</u>	Screw, Hex-Head Cap, 5/16-18 x 1 .....	1
5	<u>101898001</u>	Clamp, Battery .....	1
6	<u>7173</u>	Screw, Hex-Head Cap, 5/16-18 x 3/4 .....	1
7	<u>1241</u>	Washer, Flat, 5/16 .....	2
8	<u>7473</u>	Nut, Nylon Lock, 5/16-18 .....	2
9	<u>1014288</u>	Screw, Thread-Forming, 5/16-18 x 3/4 .....	1

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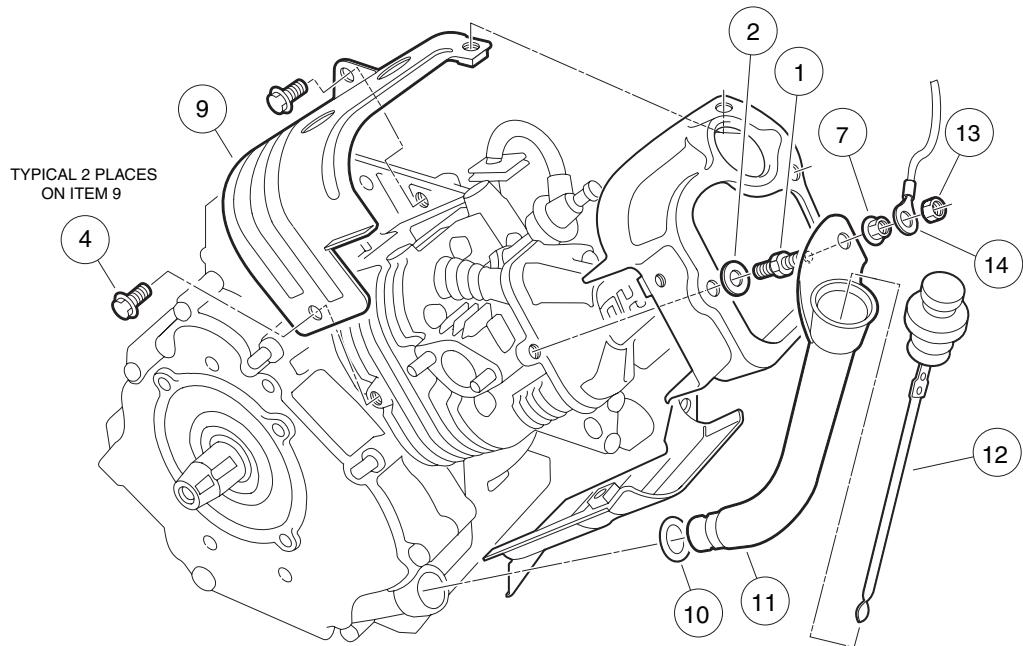
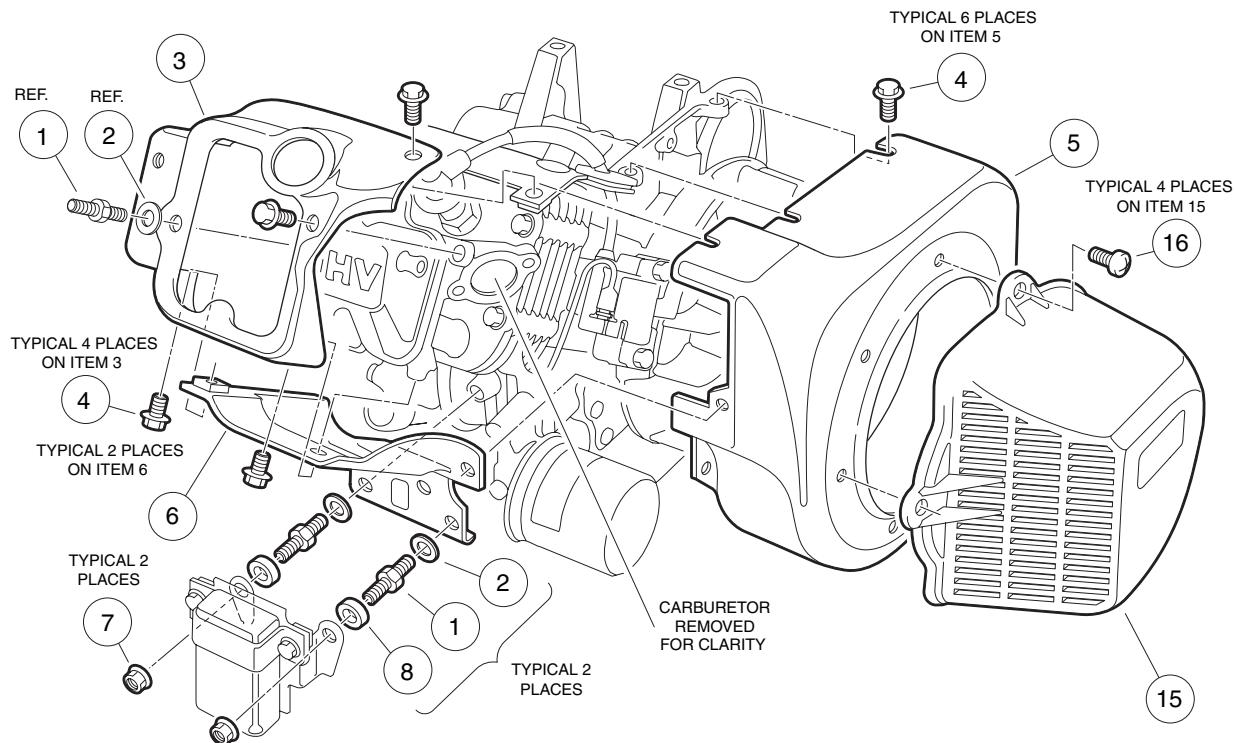
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**ENGINE**

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## FE350 ENGINE



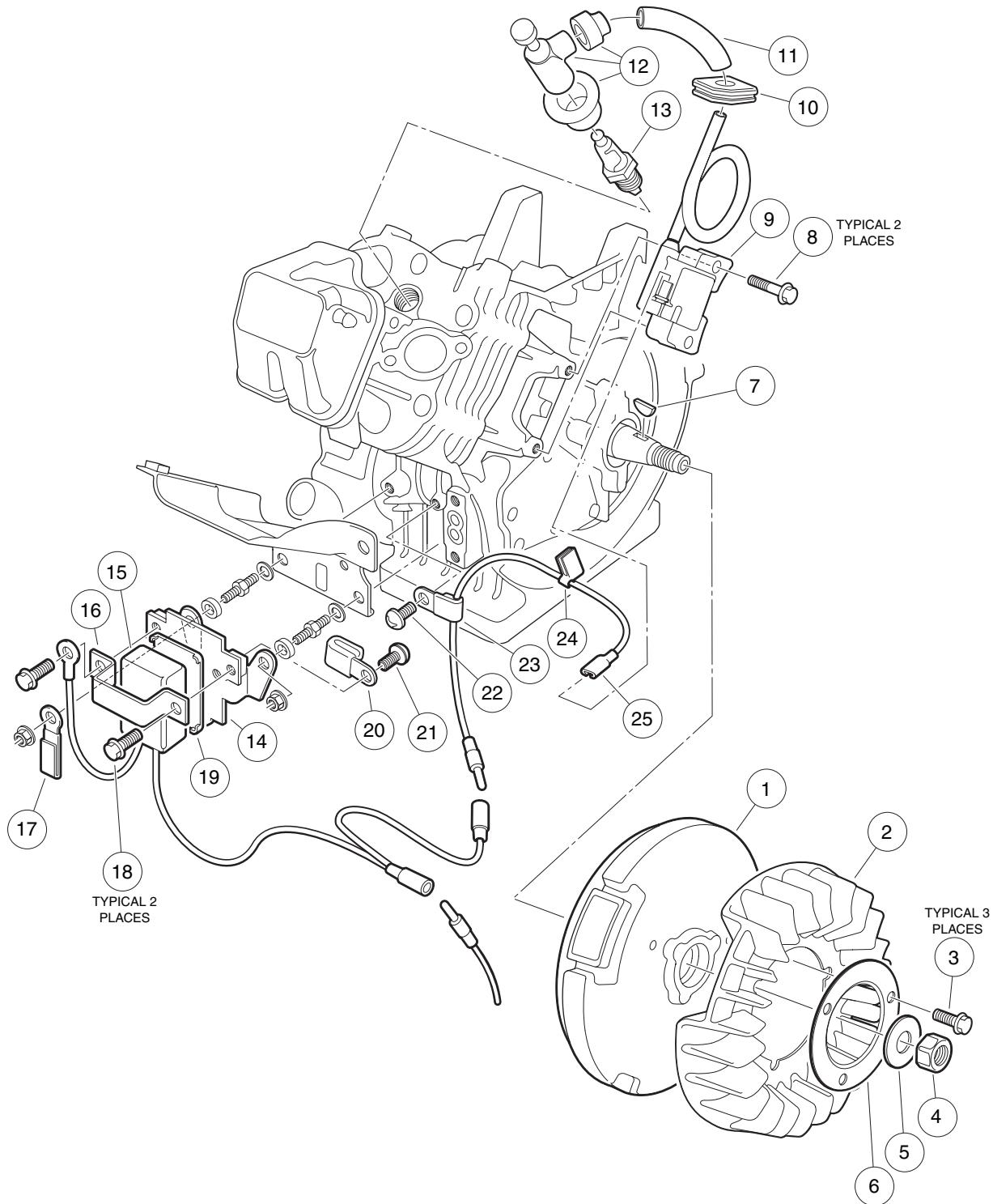
# FE350 ENGINE (PEDAL-START) – SHROUDS AND BRACKETS

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ITEM	PART NO.	DESCRIPTION	QTY
	<u>101953802</u>	1 2 3 4 FE350 OHV Gasoline Engine, Complete (clockwise rotation) without automatic compression release (w/o ACR) and with Carburetor (does not include items 13 - 16)	
1	<u>1016507</u>	Bolt, 2-Ended, M6 x 1 x 29 mm .....	3
2	N/A	Washer, Flat, 6 mm .....	3
3	<u>1017474</u>	Shroud, Cylinder Head .....	1
4	<u>1016456</u>	Bolt, Flanged, M6 x 1 x 12 mm .....	14
5	<u>101916101</u>	Housing, Fan .....	1
6	<u>1017476</u>	Shroud, Lower Cylinder .....	1
7	<u>1016547</u>	Nut, Flanged, M6 x 1 .....	3
8	<u>1017500</u>	Spacer .....	2
9	<u>1017475</u>	Shroud, Upper Cylinder .....	1
10	<u>1016539</u>	O-Ring .....	1
11	<u>1017486</u>	Tube, Oil Filler .....	1
12	<u>1016531</u>	Dipstick .....	1
13	<u>101887601</u>	Nut, Nylon Lock, M6 x 1 .....	1
14	<u>1015332</u>	Wire Assembly, #10 Braided Ground .....	1
15	<u>1015649</u>	Shroud, Fan .....	1
16	<u>1015969</u>	Screw, Pan-Head, M6 x 1 x 14 mm .....	4

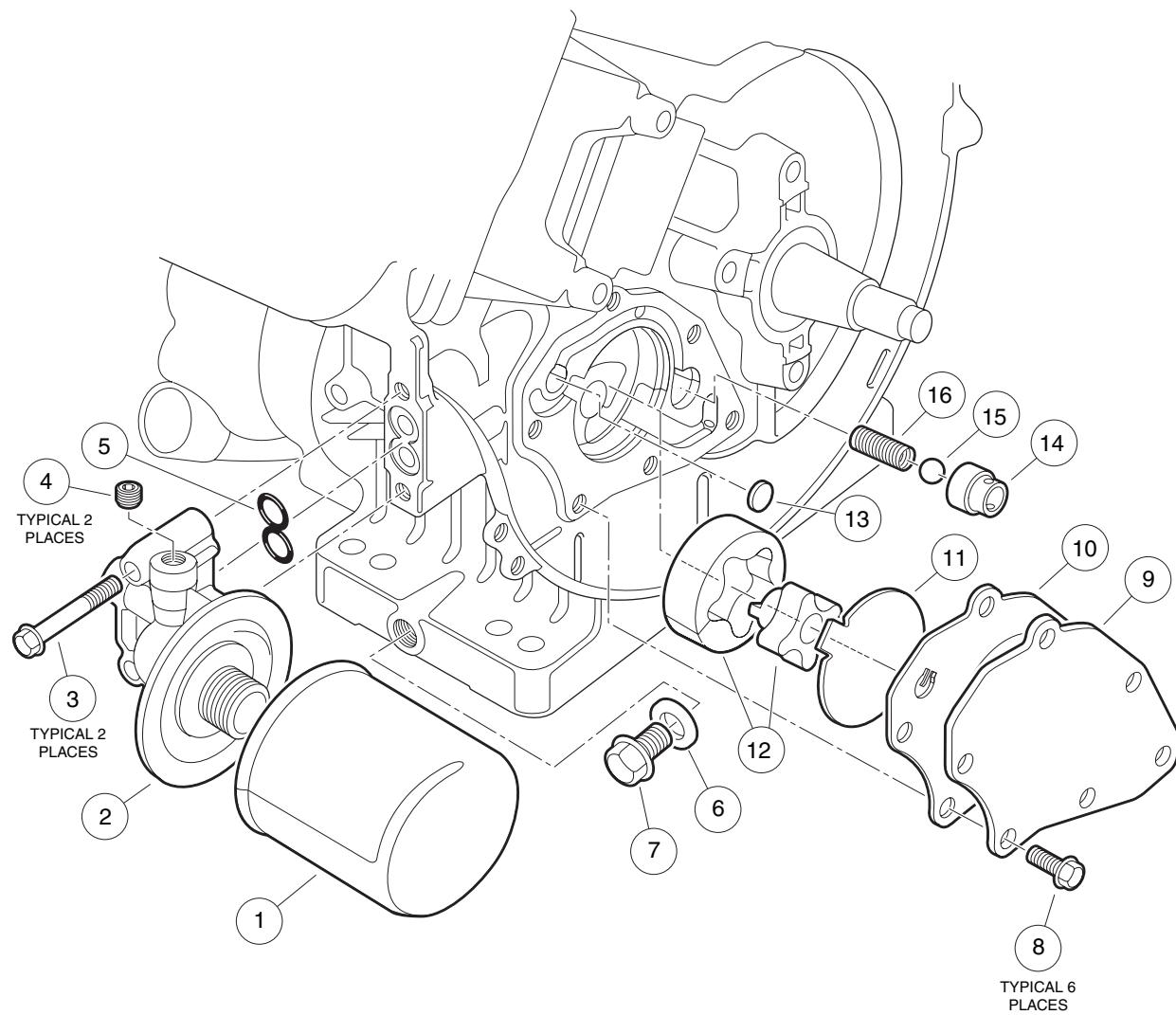
## FE350 ENGINE



# FE350 ENGINE (PEDAL-START) – IGNITION COMPONENTS AND FLYWHEEL

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>101916201</u>	Flywheel .....	1
2	<u>101916301</u>	Fan, Flywheel – Gray .....	1
3	<u>1017448</u>	Screw, Flanged Hex-Head, M6 x 1 x 10 mm .....	3
4	N/A	Nut, Hex, Fine, 18 mm .....	1
5	<u>1017490</u>	Washer, Flat, 18 mm .....	1
6	<u>1017455</u>	Plate, Flywheel Fan .....	1
7	<u>1016562</u>	Key .....	1
8	<u>1016455</u>	Screw, Hex-Head Flanged, M5 x 0.8 x 25 mm .....	2
9	<u>101909201</u>	Coil, Ignition (with internal igniter) .....	1
10	<u>1016578</u>	Grommet .....	1
11	<u>1016588</u>	Tube, 7 mm I.D. x 10 mm O.D. x 70 mm Long .....	1
12	<u>1017463</u>	Assembly, Plug Cap .....	1
13	<u>101881101</u>	Plug, Spark, OHV (Autolite®) .....	1
13	<u>AM10724</u>	Plug, Spark, OHV (NGK®) .....	1
14	<u>1016445</u>	Bracket, RPM Limiter .....	1
15	<u>101909401</u>	Limiter, RPM .....	1
16	<u>1016579</u>	Band, RPM Limiter Mount .....	1
17	<u>1012981</u>	Clamp .....	1
18	<u>1016456</u>	Screw, Flanged Hex-Head, M6 x 1 x 12 mm .....	2
19	<u>1016586</u>	Damper .....	1
20	<u>101909501</u>	Clamp .....	1
21	<u>1016497</u>	Screw, Cross Pan-Head, M5 x 0.8 x 8 mm .....	1
22	<u>1016544</u>	Screw, Cross Pan-Head Self-Tapping, M5 x 12 mm .....	1
23	<u>1016561</u>	Clamp .....	1
24	<u>1016587</u>	Clamp .....	1
25	<u>101909301</u>	Wire, Lead .....	1

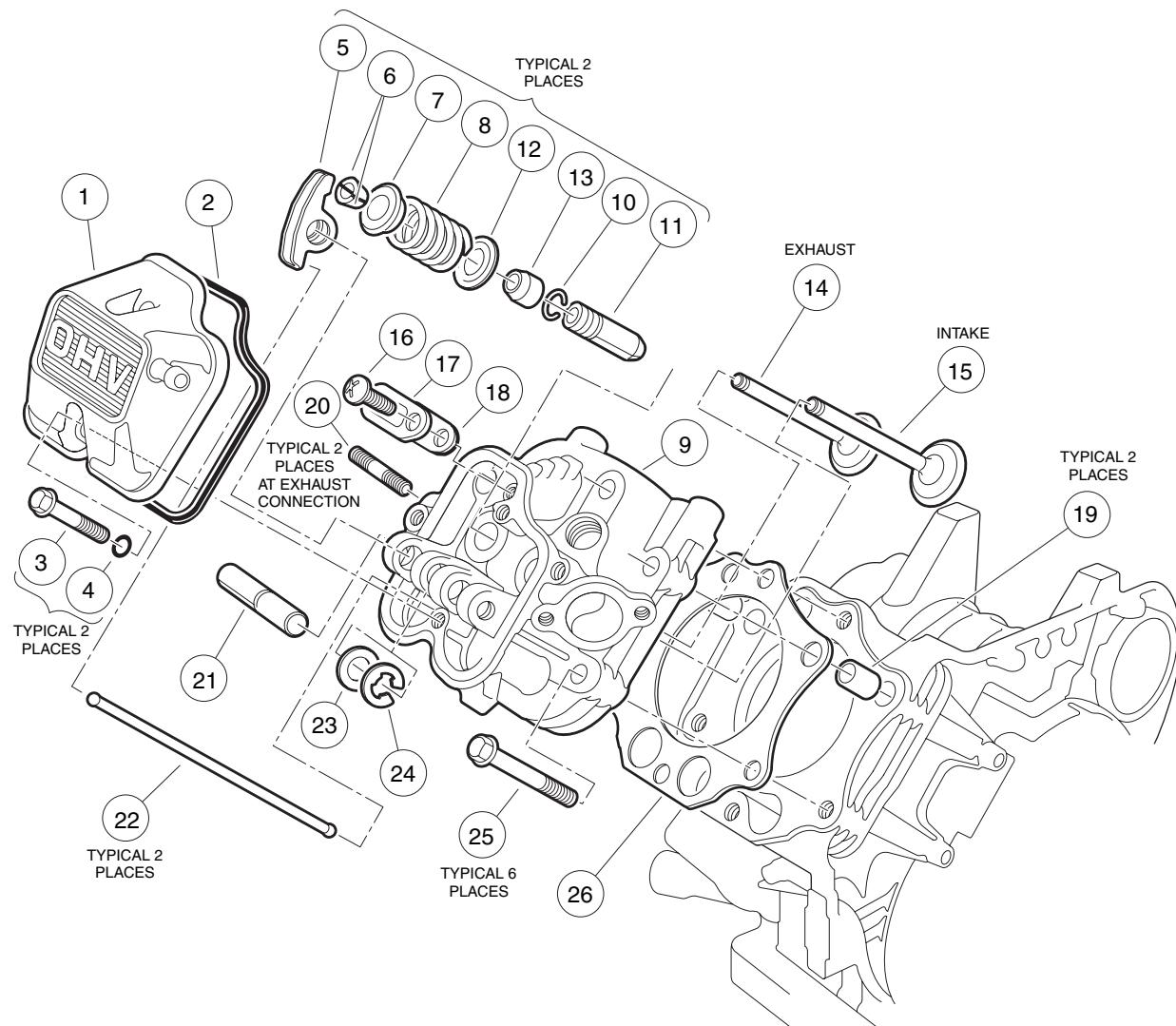
## FE350 ENGINE



# FE350 ENGINE (PEDAL-START) – OIL CIRCULATION

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1016467</u>	Oil Filter .....	1
2	<u>1016502</u>	Bracket, Oil Filter .....	1
3	<u>1016457</u>	Bolt, Flanged Hex-Head, M6 x 1 x 40 mm .....	2
4	<u>1017507</u>	Plug .....	2
5	<u>1016570</u>	O-Ring, Oil Filter Mount .....	1
6	<u>1016432</u>	Gasket, Drain Plug .....	1
7	<u>1016576</u>	Plug, Drain .....	1
8	<u>1017456</u>	Screw, Flanged Hex-Head, M6 x 1 x 12 mm .....	6
9	<u>1017460</u>	Cover, Pump .....	1
10	<u>1017442</u>	Gasket, Oil Pump .....	1
11	<u>1016473</u>	Plate, Oil Pump .....	1
12	<u>101648203</u>	Pump, Oil and Rotor .....	1
13	<u>1017458</u>	Filter .....	1
14	<u>1016429</u>	Seat, Valve .....	1
15	<u>1016537</u>	Ball, Steel Pressure Relief .....	1
16	<u>1016581</u>	Spring .....	1

## FE350 ENGINE



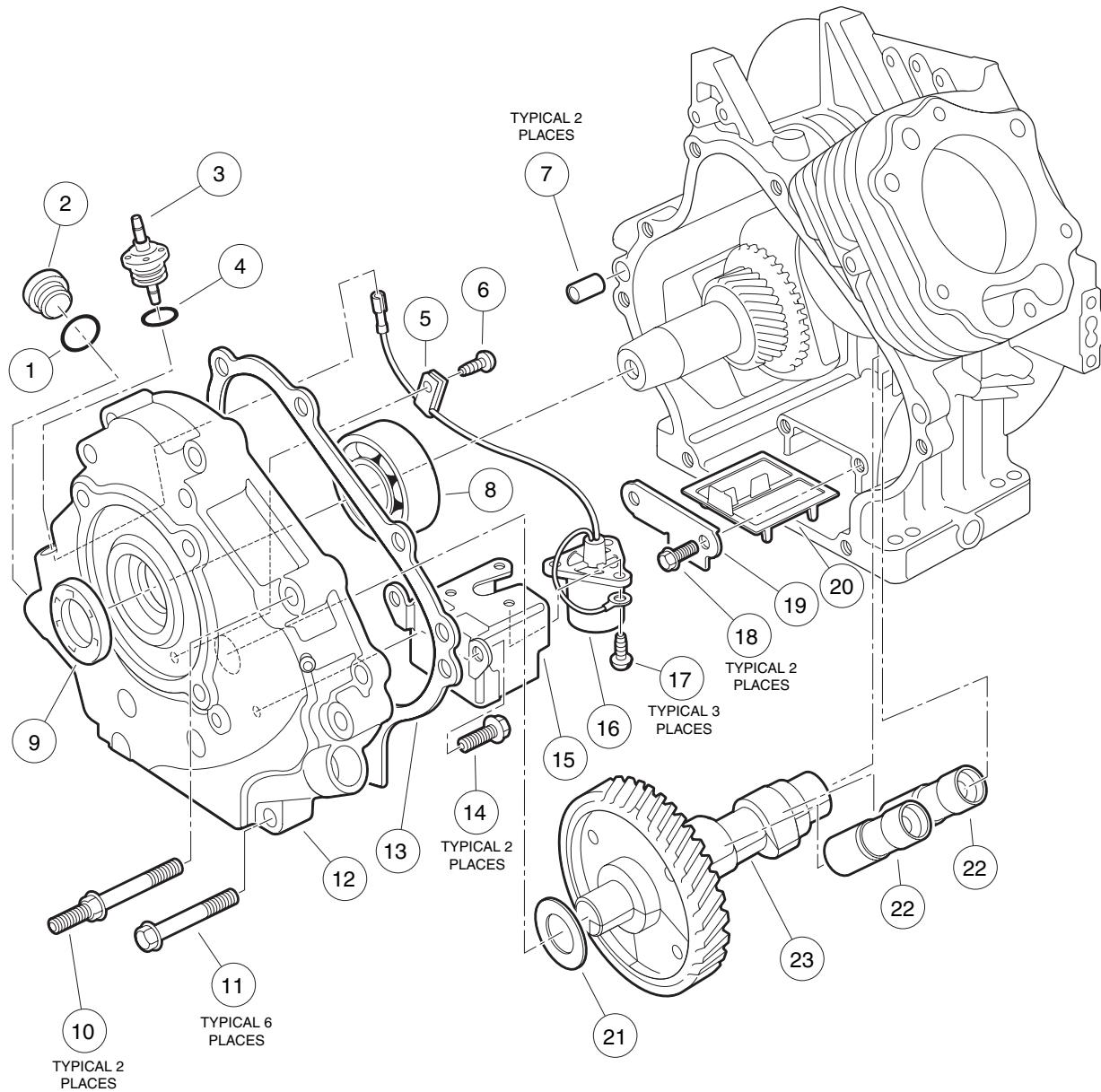
# FE350 ENGINE (PEDAL-START) – CYLINDER HEAD

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1016442</u>	Case, Rocker .....	1
2	<u>1016436</u>	Gasket, Rocker Case .....	1
3	<u>1016583</u>	Bolt, Flanged, M6 x 1 x 35 mm .....	2
4	<u>1016569</u>	O-Ring .....	2
5	<u>1017446</u>	Arm, Rocker .....	2
6	<u>1016450</u>	Collet .....	4
7	<u>1016449</u>	Retainer, Valve Spring .....	2
8	<u>1017473</u>	Spring, Engine Valve .....	2
9	<u>1017435</u>	Assembly, Cylinder Head, FE350 (includes items 10 and 11) .....	1
10	<u>1016560</u>	Ring, Snap .....	2
11	<u>1016519</u>	Guide, Valve .....	2
12	<u>1016479</u>	Seat, Spring .....	2
13	<u>1016566</u>	Seal, Valve .....	2
14	<u>1017445</u>	Valve, Exhaust .....	1
15	<u>1017444</u>	Valve, Intake .....	1
16	<u>1016544</u>	Screw, Cross Pan-Head Self-Tapping, M5 x 0.8 x 12 mm .....	1
17	<u>1016474</u>	Plate .....	1
18	<u>1016483</u>	Valve .....	1
19	<u>1016563</u>	Pin, Hollow .....	2
20	<u>1016489</u>	Bolt, Stud, M8 x 1.25 x 29 mm .....	2
21	<u>1016452</u>	Shaft, Rocker .....	1
22	<u>1017454</u>	Rod, Push .....	2
23	<u>1016549</u>	Washer, Flat, M12 .....	1
24	<u>1016517</u>	Circlip, Type-E .....	1
25	<u>1016458</u>	Bolt, Flanged, M8 x 1.25 x 45 mm .....	6
26	<u>1017434</u>	Gasket, Head .....	1
27	<u>102304801</u>	Kit, Gasket, FE350 (contains one each of all internal gaskets for FE350 engine) (not shown) .....	1

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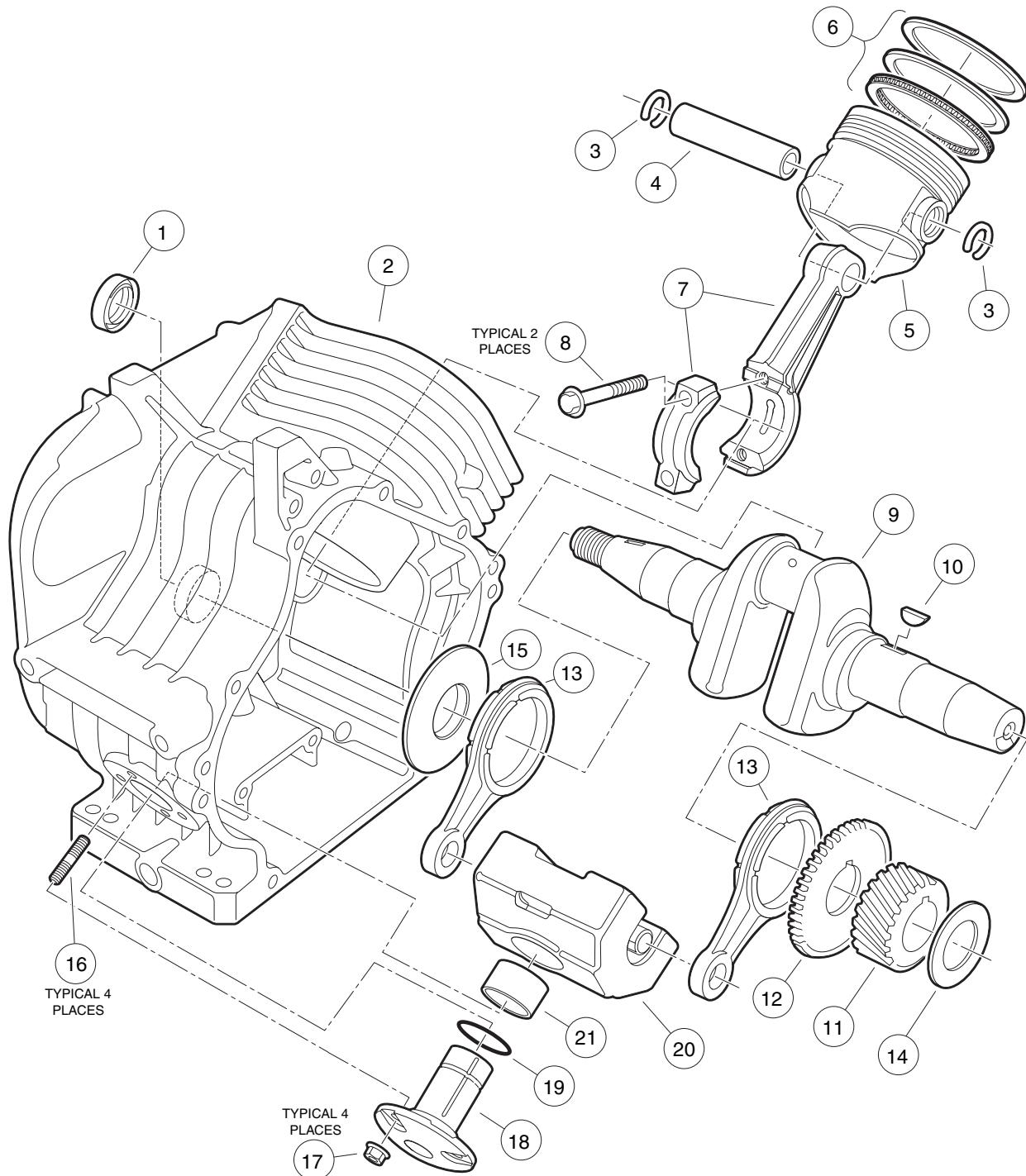
## FE350 ENGINE



# FE350 ENGINE (PEDAL-START) – CRANKCASE, CAMSHAFT AND OIL SENSOR

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1016538</u>	O-Ring .....	1
2	<u>1017508</u>	Plug .....	1
3	<u>1016535</u>	Connector, Oil Sending Unit .....	1
4	<u>1016538</u>	O-Ring .....	1
5	<u>1016506</u>	Clamp .....	1
6	<u>1016544</u>	Screw, Cross Pan-Head Self-Tapping, M5 x 0.8 x 12 mm .....	1
7	<u>1016564</u>	Pin, Hollow .....	2
8	<u>1017487</u>	Bearing, Crankshaft .....	1
9	<u>1017504</u>	Seal, Crankshaft .....	1
10	<u>1016584</u>	Bolt, 2-Ended Flanged, M8 x 1.25 x 69 mm .....	2
11	<u>1017514</u>	Bolt, Flanged, M8 x 1.25 x 45 mm .....	6
12	<u>1017472</u>	Cover, Crankcase .....	1
13	<u>1017443</u>	Gasket, Crankcase Cover .....	1
14	<u>1017513</u>	Bolt, Flanged, M6 x 1 x 12 mm .....	2
15	<u>1016510</u>	Bracket, Oil Level Switch .....	1
16	<u>1016494</u>	Sensor, Oil Level .....	1
17	<u>1016496</u>	Screw, Cross Pan-Head, M4 x 0.7 x 8 mm .....	3
18	<u>1016454</u>	Bolt, Flanged, M5 x 0.8 x 8 mm .....	2
19	<u>1016472</u>	Plate, Oil Filter Screen .....	1
20	<u>1016521</u>	Screen, Oil Filter .....	1
21	<u>101751801</u>	Shim, 0.3 mm Thick .....	A/R
21	<u>101751802</u>	Shim, 0.4 mm Thick .....	A/R
21	<u>101751803</u>	Shim, 0.5 mm Thick .....	A/R
22	<u>1017447</u>	Lifter, Hydraulic .....	2
23	<u>102431001</u>	Camshaft, FE350 (without automatic compression release) (for engines with serial numbers 094171 and greater)	1
	<u>101947601</u>	Camshaft, FE350 (without automatic compression release) (for engines with serial numbers prior to 094171).....	1
24	<u>102304801</u>	Kit, Gasket, FE350 (contains one each of all internal gaskets for FE350 engine) (not shown) .....	1

## FE350 ENGINE

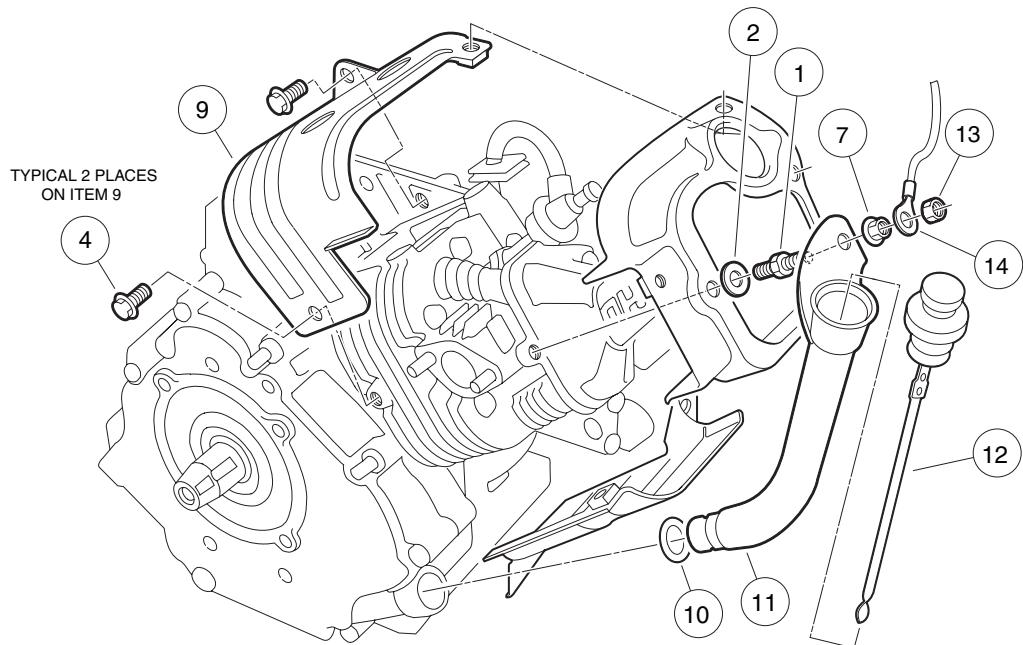
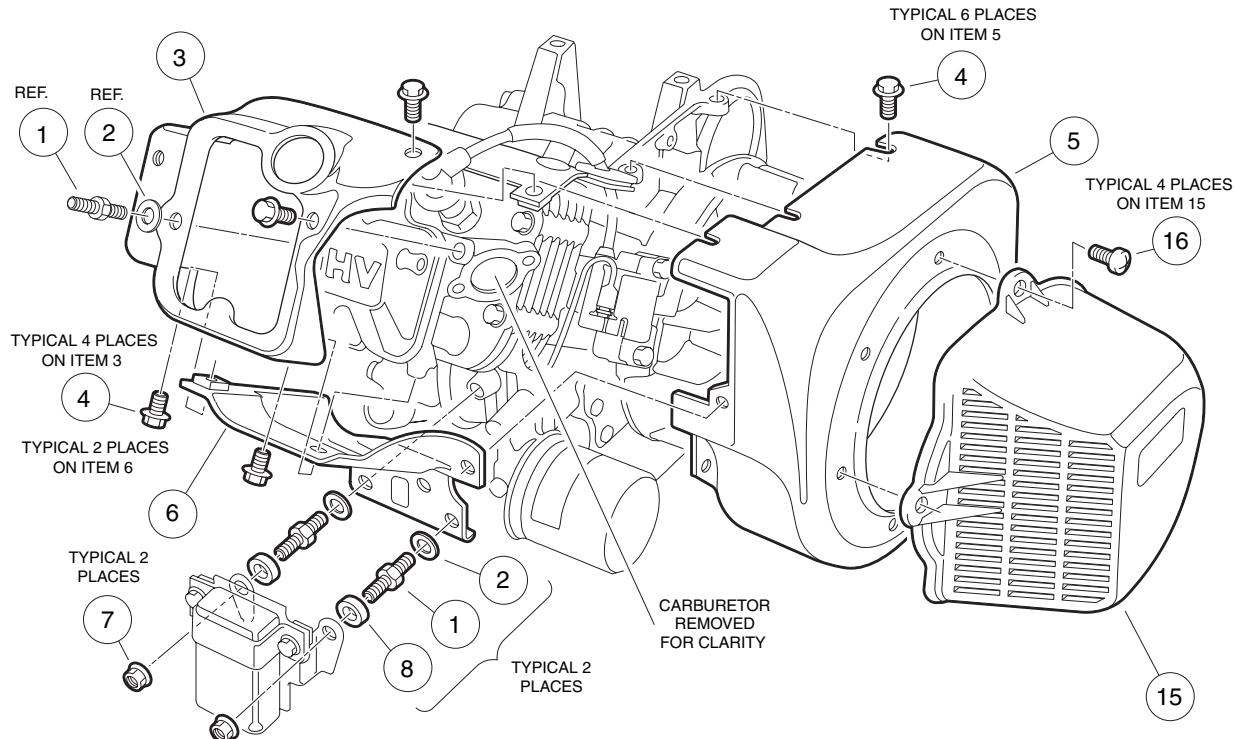


# FE350 ENGINE (PEDAL-START) – CRANKCASE AND CRANKSHAFT

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1017503</u>	Seal, Oil .....	1
2	<u>101916001</u>	Crankcase, FE350 (clockwise rotation) .....	1
3	<u>1017502</u>	Ring, Snap .....	2
4	<u>1017450</u>	Pin, Piston .....	1
5	<u>101744901</u>	Piston, Standard.....	1
5	<u>101744902</u>	Piston, .50 mm Oversized .....	1
6	<u>101745101</u>	Ring Set, Piston, Standard .....	1
6	<u>101745102</u>	Ring Set, Piston, .50 mm Oversized .....	1
7	<u>101745701</u>	Assembly, Connecting Rod, Standard (includes 2 each of item 8) .....	1
7	<u>101745702</u>	Assembly, Connecting Rod, .50 mm Undersized (includes 2 each of item 8) .....	1
8	<u>102272201</u>	Bolt, Hex-Head, M8 x 1.25 x 42 mm .....	2
9	<u>101922302</u>	Crankshaft, FE350 (left-hand threads) (for engines with serial numbers lower than 094171) (includes items 10 - 12 and one each of item 13)	1
	<u>102430901</u>	Crankshaft, FE350 (left-hand threads) (for engines with serial numbers 094171 and greater) (includes helical and spur gear (not sold individually) and one each of items 10 and 13) .....	1
10	<u>1016562</u>	Key .....	1
11	<u>1017484</u>	Gear, Helical .....	1
12	<u>1017483</u>	Gear, Spur .....	1
13	<u>1017471</u>	Rod, Connecting .....	2
14	<u>101773301</u>	Shim, Crankshaft, 1.18 mm Thick .....	A/R
14	<u>101773302</u>	Shim, Crankshaft, 1.25 mm Thick .....	A/R
14	<u>101773303</u>	Shim, Crankshaft, 1.32 mm Thick .....	A/R
14	<u>101773304</u>	Shim, Crankshaft, 1.39 mm Thick .....	A/R
14	<u>101773305</u>	Shim, Crankshaft, 1.46 mm Thick .....	A/R
14	<u>101773306</u>	Shim, Crankshaft, 1.53 mm Thick .....	A/R
14	<u>101773307</u>	Shim, Crankshaft, 1.60 mm Thick .....	A/R
14	<u>101773308</u>	Shim, Crankshaft, 1.67 mm Thick .....	A/R
14	<u>101773309</u>	Shim, Crankshaft, 1.74 mm Thick .....	A/R
14	<u>101773310</u>	Shim, Crankshaft, 1.11 mm Thick .....	A/R
14	<u>101773311</u>	Shim, Crankshaft, 1.81 mm Thick .....	A/R
15	<u>1017501</u>	Spacer .....	1
16	<u>1016541</u>	Bolt, Stud, M6 x 1 x 22 mm .....	4
17	<u>1016547</u>	Nut, Flanged, M6 x 1 .....	4
18	<u>1016470</u>	Shaft, Guide Counterbalance .....	1
19	<u>1016571</u>	O-Ring .....	1
20	<u>1017453</u>	Weight, Counterbalance (includes item 21) .....	1
21	<u>1017510</u>	Bearing .....	1

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**FE400 ENGINE**

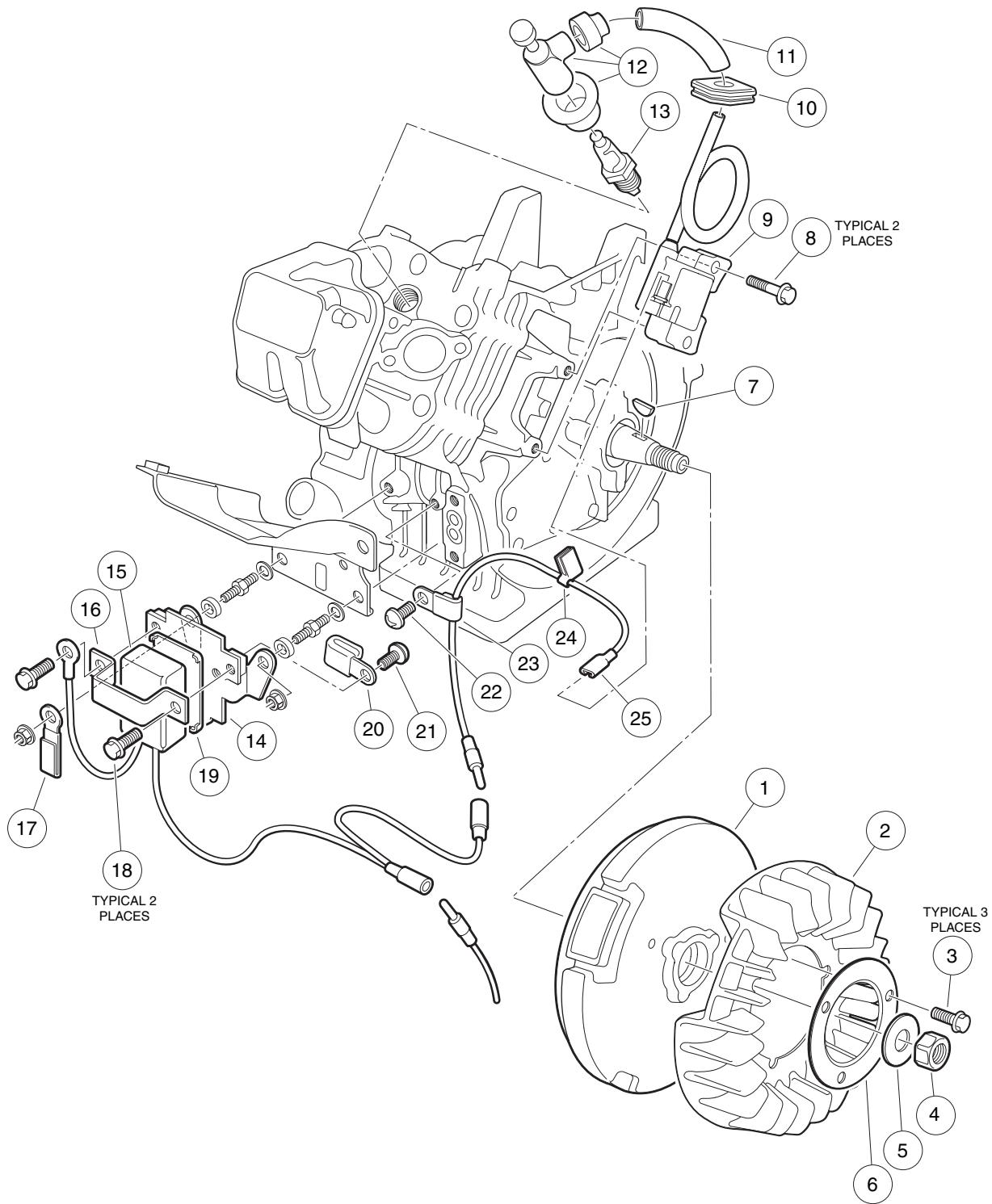
# FE400 ENGINE (KEY-START) – SHROUDS AND BRACKETS

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ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4 FE400 OHV Gasoline Engine, Complete (clockwise rotation) with automatic compression release (ACR) and Carburetor (does not include items 13 - 16)	
1	<u>1016507</u>	Bolt, 2-Ended, M6 x 1 x 29 mm .....	1
2	N/A	Washer, Flat, 6 mm .....	3
3	<u>1017474</u>	Shroud, Cylinder Head .....	1
4	<u>1016456</u>	Bolt, Flanged, M6 x 1 x 12 mm .....	14
5	<u>102272001</u>	Housing, Fan .....	1
6	<u>1017476</u>	Shroud, Lower Cylinder .....	1
7	<u>1016547</u>	Nut, Flanged, M6 x 1 .....	3
8	<u>1017500</u>	Spacer .....	2
9	<u>1017475</u>	Shroud, Upper Cylinder .....	1
10	<u>1016539</u>	O-Ring .....	1
11	<u>1017486</u>	Tube, Oil Filler .....	1
12	<u>1016531</u>	Dipstick .....	1
13	<u>101887601</u>	Nut, Nylon Lock, M6 x 1 .....	1
14	<u>1015332</u>	Wire Assembly, #10 Braided Ground .....	1
15	<u>1015649</u>	Shroud, Fan .....	1
16	<u>1015969</u>	Screw, Pan-Head, M6 x 1 x 14 mm .....	4

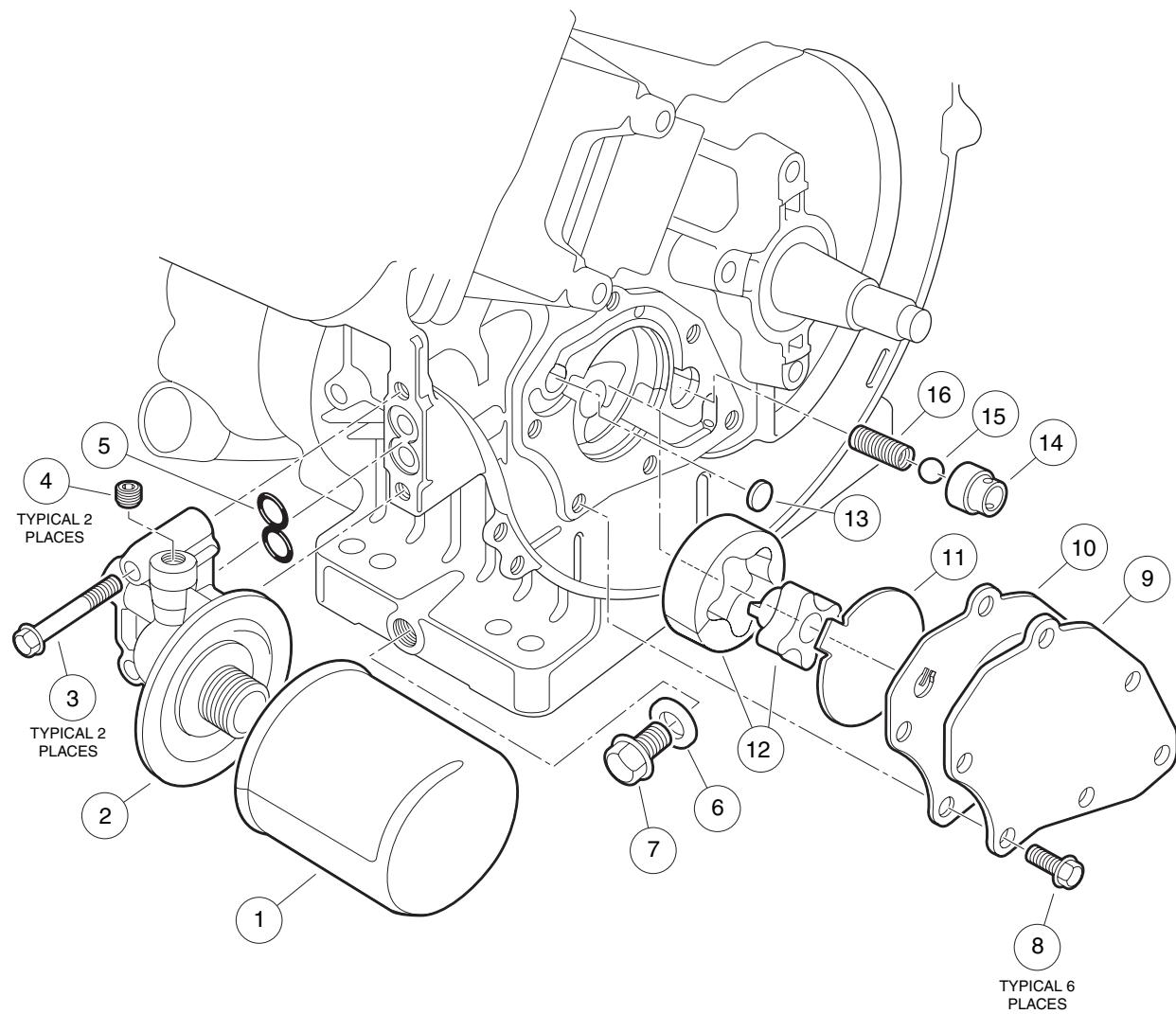
## FE400 ENGINE



# FE400 ENGINE (KEY-START) – IGNITION COMPONENTS AND FLYWHEEL

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>101916201</u>	Flywheel .....	1
2	<u>101916301</u>	Fan, Flywheel – Gray .....	1
3	<u>1017448</u>	Screw, Flanged Hex-Head, M6 x 1 x 10 mm .....	3
4	N/A	Nut, Hex, Fine, 18 mm .....	1
5	<u>1017490</u>	Washer, Flat, 18 mm .....	1
6	<u>1017455</u>	Plate, Flywheel Fan .....	1
7	<u>1016562</u>	Key .....	1
8	<u>1016455</u>	Screw, Hex-Head Flanged, M5 x 0.8 x 25 mm .....	2
9	<u>101909201</u>	Coil, Ignition (with internal igniter) .....	1
10	<u>1016578</u>	Grommet .....	1
11	<u>1016588</u>	Tube, 7 mm I.D. x 10 mm O.D. x 70 mm Long .....	1
12	<u>1017463</u>	Assembly, Plug Cap .....	1
13	<u>101881101</u>	Plug, Spark, OHV (Autolite) .....	1
13	<u>AM10724</u>	Plug, Spark, OHV (NGK) .....	1
14	<u>1016445</u>	Bracket, RPM Limiter .....	1
15	<u>101909401</u>	Limiter, RPM .....	1
16	<u>1016579</u>	Band, RPM Limiter Mount .....	1
17	<u>1012981</u>	Clamp .....	1
18	<u>1016456</u>	Screw, Flanged Hex-Head, M6 x 1 x 12 mm .....	2
19	<u>1016586</u>	Damper .....	1
20	<u>101909501</u>	Clamp .....	1
21	<u>1016497</u>	Screw, Cross Pan-Head, M5 x 0.8 x 8 mm .....	1
22	<u>1016544</u>	Screw, Cross Pan-Head Self-Tapping, M5 x 12 mm .....	1
23	<u>1016561</u>	Clamp .....	1
24	<u>1016587</u>	Clamp .....	1
25	<u>101909301</u>	Wire, Lead .....	1

## FE400 ENGINE

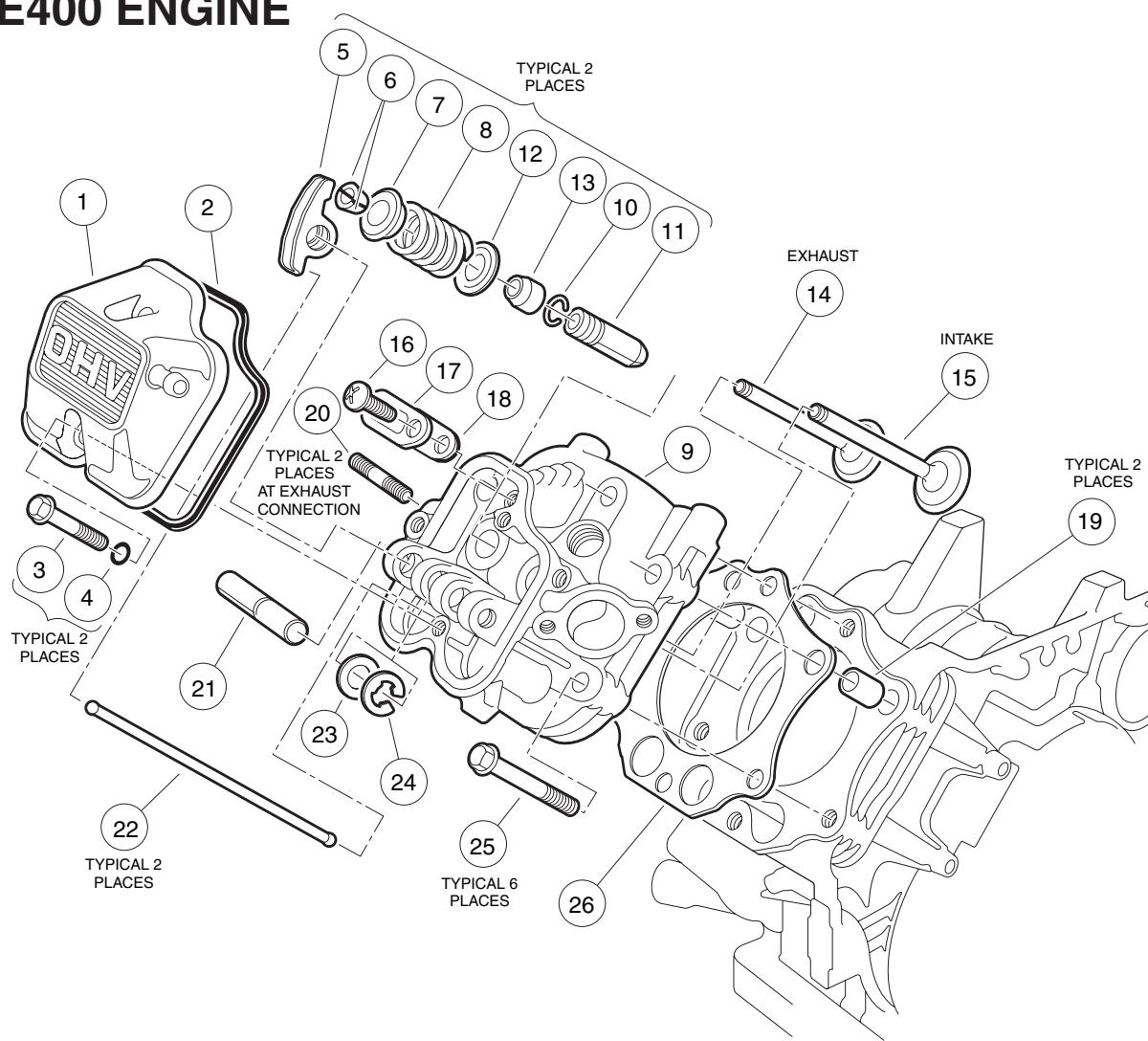


**FE400 ENGINE (KEY-START) –  
OIL CIRCULATION**

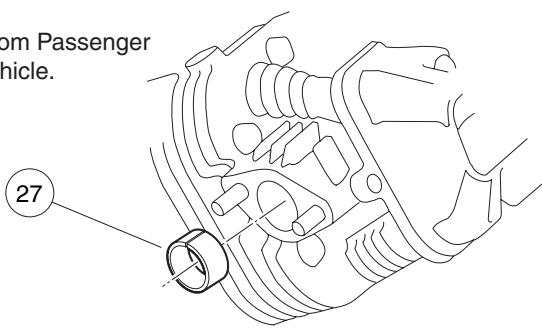
ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1016467</u>	Oil Filter .....	1
2	<u>1016502</u>	Bracket, Oil Filter .....	1
3	<u>1016457</u>	Bolt, Flanged Hex-Head, M6 x 1 x 40 mm .....	2
4	<u>1017507</u>	Plug .....	2
5	<u>1016570</u>	O-Ring, Oil Filter Mount .....	1
6	<u>1016432</u>	Gasket, Drain Plug .....	1
7	<u>1016576</u>	Plug, Drain .....	1
8	<u>1017456</u>	Screw, Flanged Hex-Head, M6 x 1 x 12 mm .....	6
9	<u>1017460</u>	Cover, Pump .....	1
10	<u>1017442</u>	Gasket, Oil Pump .....	1
11	<u>1016473</u>	Plate, Oil Pump .....	1
12	<u>101648203</u>	Pump, Oil and Rotor .....	1
13	<u>1017458</u>	Filter .....	1
14	<u>1016429</u>	Seat, Valve .....	1
15	<u>1016537</u>	Ball, Steel Pressure Relief .....	1
16	<u>1016581</u>	Spring .....	1

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**FE400 ENGINE**

Viewed from Passenger side of vehicle.



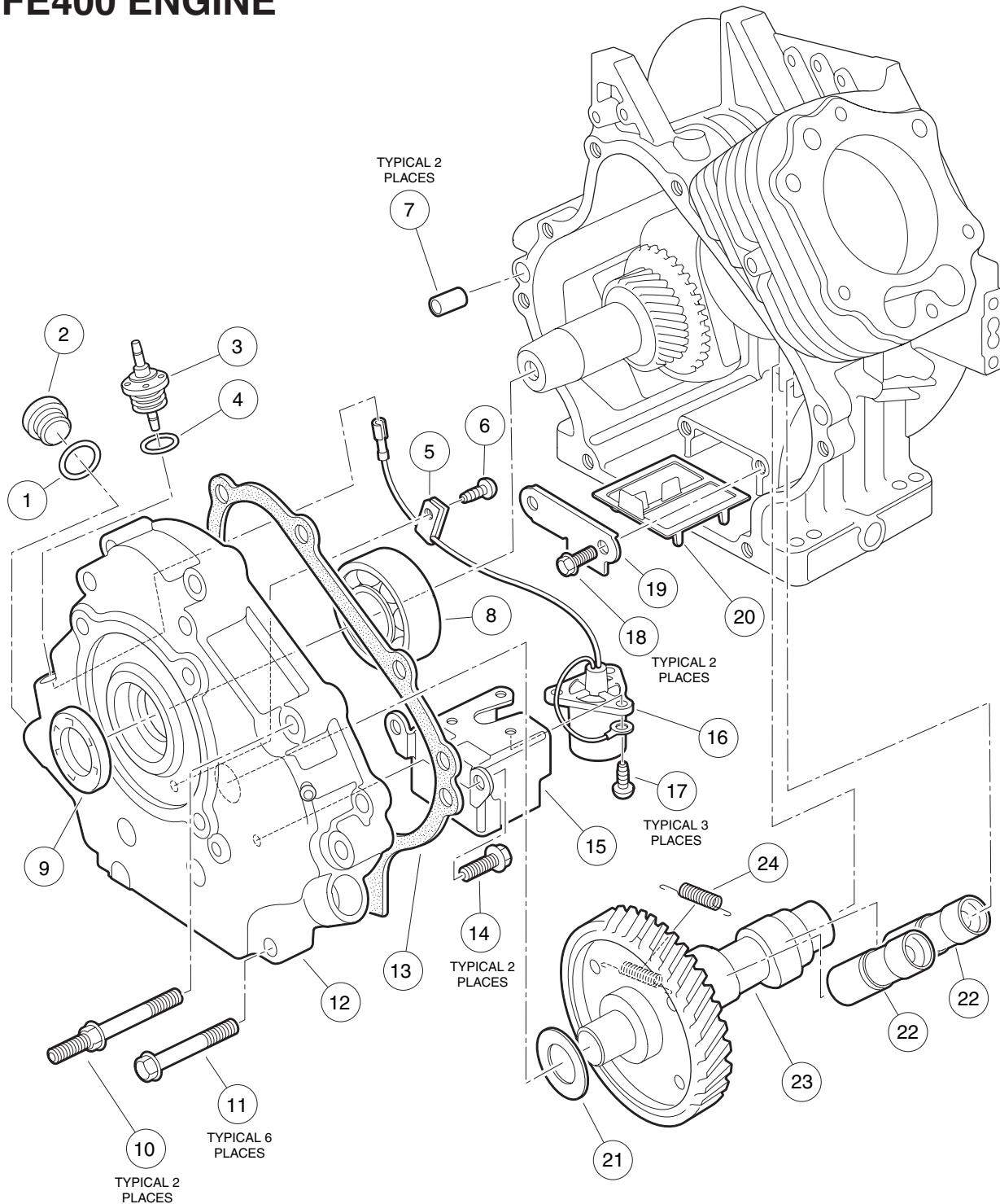
# FE400 ENGINE (KEY-START) – CYLINDER HEAD

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1016442</u>	Case, Rocker .....	1
2	<u>1016436</u>	Gasket, Rocker Case .....	1
3	<u>1016583</u>	Bolt, Flanged, M6 x 1 x 35 mm .....	2
4	<u>1016569</u>	O-Ring .....	2
5	<u>1017446</u>	Arm, Rocker .....	2
6	<u>1016450</u>	Collet .....	4
7	<u>1016449</u>	Retainer, Valve Spring .....	2
8	<u>1017473</u>	Spring, Engine Valve .....	2
9	<u>102270001</u>	Assembly, Cylinder Head, FE400 (includes items 10 and 11) .....	1
10	<u>1016560</u>	Ring, Snap .....	2
11	<u>1016519</u>	Guide, Valve .....	2
12	<u>1016479</u>	Seat, Spring .....	2
13	<u>1016566</u>	Seal, Valve .....	2
14	<u>1017445</u>	Valve, Exhaust .....	1
15	<u>1017444</u>	Valve, Intake .....	1
16	<u>1016544</u>	Screw, Cross Pan-Head Self-Tapping, M5 x 0.8 x 12 mm .....	1
17	<u>1016474</u>	Plate .....	1
18	<u>1016483</u>	Valve .....	1
19	<u>1016563</u>	Pin, Hollow .....	2
20	<u>1016489</u>	Bolt, Stud, M8 x 1.25 x 29 mm .....	2
21	<u>1016452</u>	Shaft, Rocker .....	1
22	<u>1017454</u>	Rod, Push .....	2
23	<u>1016549</u>	Washer, Flat, M12 .....	1
24	<u>1016517</u>	Circlip, Type-E .....	1
25	<u>1016458</u>	Bolt, Flanged, M8 x 1.25 x 45 mm .....	6
26	<u>102269901</u>	Gasket, Head .....	1
27	<u>102271101</u>	Sleeve .....	1
28	<u>102304901</u>	Kit, Gasket, FE400 (contains one each of all internal gaskets for FE400 engine) (not shown) .....	1

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## FE400 ENGINE



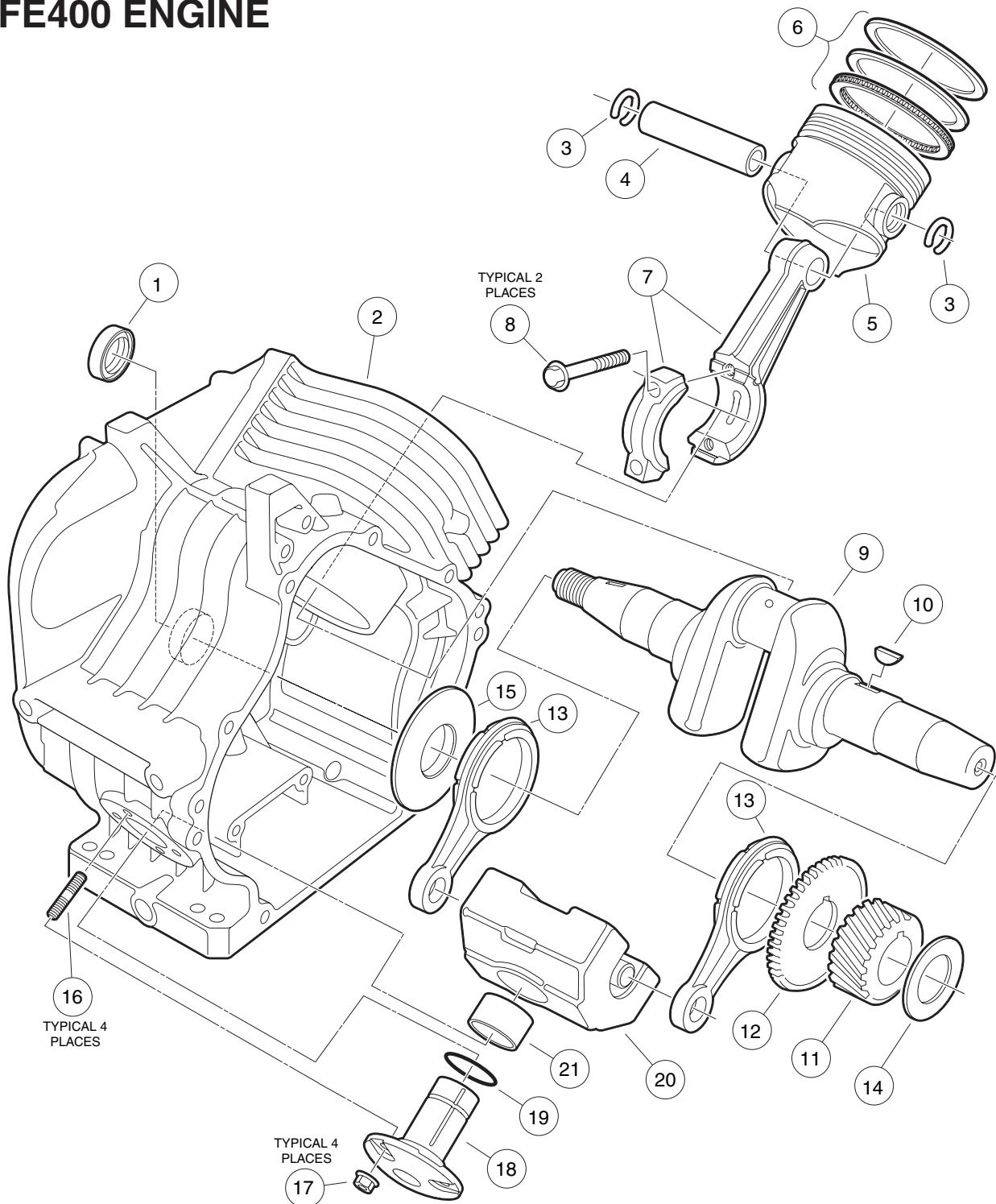
**FE400 ENGINE (KEY-START) –  
CRANKCASE, CAMSHAFT AND OIL SENSOR**

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1016538</u>	O-Ring .....	1
2	<u>1017508</u>	Plug .....	1
3	<u>1016535</u>	Connector, Oil Sending Unit .....	1
4	<u>1016538</u>	O-Ring .....	1
5	<u>1016506</u>	Clamp .....	1
6	<u>1016544</u>	Screw, Cross Pan-Head Self-Tapping, M5 x 0.8 x 12 mm .....	1
7	<u>1016564</u>	Pin, Hollow .....	2
8	<u>1017487</u>	Bearing, Crankshaft .....	1
9	<u>102272101</u>	Seal, Crankshaft .....	1
10	<u>1016584</u>	Bolt, 2-Ended Flanged, M8 x 1.25 x 69 mm .....	2
11	<u>1017514</u>	Bolt, Flanged, M8 x 1.25 x 45 mm .....	6
12	<u>102271401</u>	Cover, Crankcase .....	1
13	<u>1017443</u>	Gasket, Crankcase Cover .....	1
14	<u>102272301</u>	Bolt, Flanged .....	2
15	<u>102271201</u>	Bracket, Oil Level Switch .....	1
16	<u>1016494</u>	Sensor, Oil Level .....	1
17	<u>1016496</u>	Screw, Cross Pan-Head, M4 x 0.7 x 8 mm .....	3
18	<u>1016454</u>	Bolt, Flanged, M5 x 0.8 x 8 mm .....	2
19	<u>1016472</u>	Plate, Oil Filter Screen .....	1
20	<u>1016521</u>	Screen, Oil Filter .....	1
21	<u>101751801</u>	Shim, 0.3 mm Thick .....	A/R
21	<u>101751802</u>	Shim, 0.4 mm Thick .....	A/R
21	<u>101751803</u>	Shim, 0.5 mm Thick .....	A/R
22	<u>1017447</u>	Lifter, Hydraulic .....	2
23	<u>102271601</u>	Camshaft, FE350/FE400 (with automatic compression release) (includes item 24) .....	1
24	<u>1017511</u>	Spring .....	1
25	<u>102304901</u>	Kit, Gasket, FE400 (contains one each of all internal gaskets for FE400 engine) (not shown) .....	1

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## FE400 ENGINE

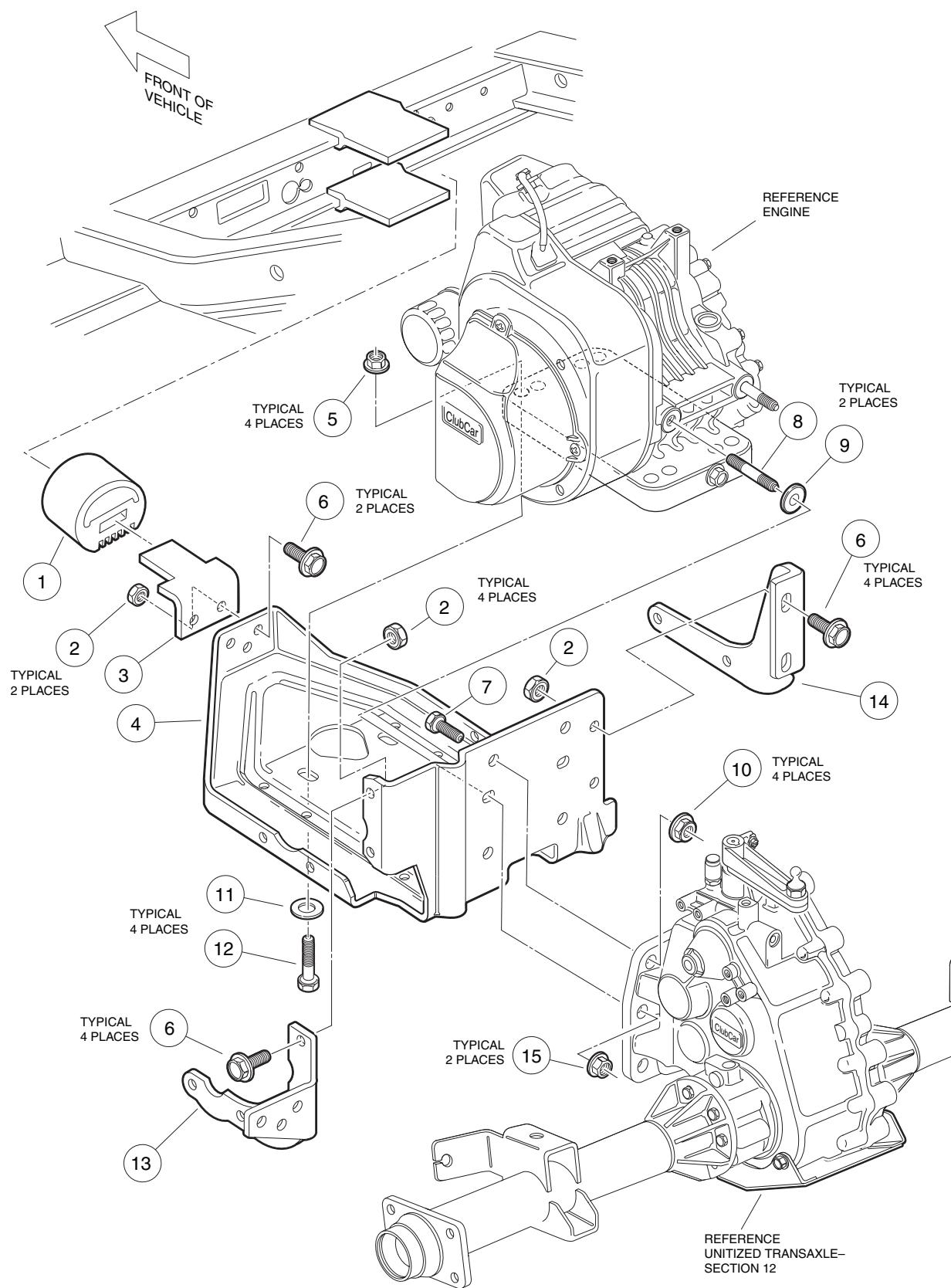


# FE400 ENGINE (KEY-START) – CRANKCASE AND CRANKSHAFT

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ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1017503</u>	Seal, Oil .....	1
2	<u>102271501</u>	Crankcase, FE400 (clockwise rotation) .....	1
3	<u>1017502</u>	Ring, Snap .....	2
4	<u>1017450</u>	Pin, Piston .....	1
5	<u>102270201</u>	Piston, Standard.....	1
6	<u>102270301</u>	Ring Set, Piston, Standard .....	1
7	<u>101745701</u>	Assembly, Connecting Rod, Standard (includes 2 each of item 8) .....	1
7	<u>101745702</u>	Assembly, Connecting Rod, .50 mm Undersized (includes 2 each of item 8) .....	1
8	<u>102272201</u>	Bolt, Hex-Head, M8 x 1.25 x 42 mm .....	2
9	<u>102270401</u>	Crankshaft, FE400 (left-hand threads) (includes items 10 - 12 and one each of item 13)	1
10	<u>1016562</u>	Key .....	1
11	<u>102271901</u>	Gear, Helical (22T) .....	1
12	<u>102271801</u>	Gear, Spur .....	1
13	<u>1017471</u>	Rod, Connecting .....	2
14	<u>101773301</u>	Shim, Crankshaft, 1.18 mm Thick .....	A/R
14	<u>101773302</u>	Shim, Crankshaft, 1.25 mm Thick .....	A/R
14	<u>101773303</u>	Shim, Crankshaft, 1.32 mm Thick .....	A/R
14	<u>101773304</u>	Shim, Crankshaft, 1.39 mm Thick .....	A/R
14	<u>101773305</u>	Shim, Crankshaft, 1.46 mm Thick .....	A/R
14	<u>101773306</u>	Shim, Crankshaft, 1.53 mm Thick .....	A/R
14	<u>101773307</u>	Shim, Crankshaft, 1.60 mm Thick .....	A/R
14	<u>101773308</u>	Shim, Crankshaft, 1.67 mm Thick .....	A/R
14	<u>101773309</u>	Shim, Crankshaft, 1.74 mm Thick .....	A/R
14	<u>101773310</u>	Shim, Crankshaft, 1.11 mm Thick .....	A/R
14	<u>101773311</u>	Shim, Crankshaft, 1.81 mm Thick .....	A/R
15	<u>1017501</u>	Spacer .....	1
16	<u>1016541</u>	Bolt, Stud, M6 x 1 x 22 mm .....	4
17	<u>1016547</u>	Nut, Flanged, M6 x 1 .....	4
18	<u>1016470</u>	Shaft, Guide Counterbalance .....	1
19	<u>1016571</u>	O-Ring .....	1
20	<u>102270501</u>	Weight, Counterbalance (includes item 21) .....	1
21	<u>1017510</u>	Bearing .....	1



# ENGINE MOUNTING

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ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1012164	Snubber .....	1
2	1013924	Nut, Hex Lock, UNF, 5/16-24 .....	10
3	101834601	Bracket, Snubber .....	1
4	101827101	Plate, Mounting .....	1
5	101963401	Nut, Flanged, 5/16-18 .....	6
6	101884801	Screw, Hex Washer-Head, 5/16-24 x 7/8 .....	10
7	101833301	Screw, Hex-Head Cap, M10 x 1.25 x 30 mm .....	4
8	101833101	Stud, M8 x 1.25 x 50 mm .....	2
9	101832101	Washer, Flat, 5/16 .....	2
10	101832901	Nut, Flanged, M10 x 1.25 .....	4
11	1012571	Washer, Heavy Flat, 5/16 .....	4
12	1010577	Screw, Hex-Head Cap, 5/16-18x1.50 .....	4
13	101832701	Stiffener, Flywheel Side .....	1
14	101832601	Stiffener, PTO Side .....	1
15	101833001	Nut, flange, M8 x 1.25 .....	2

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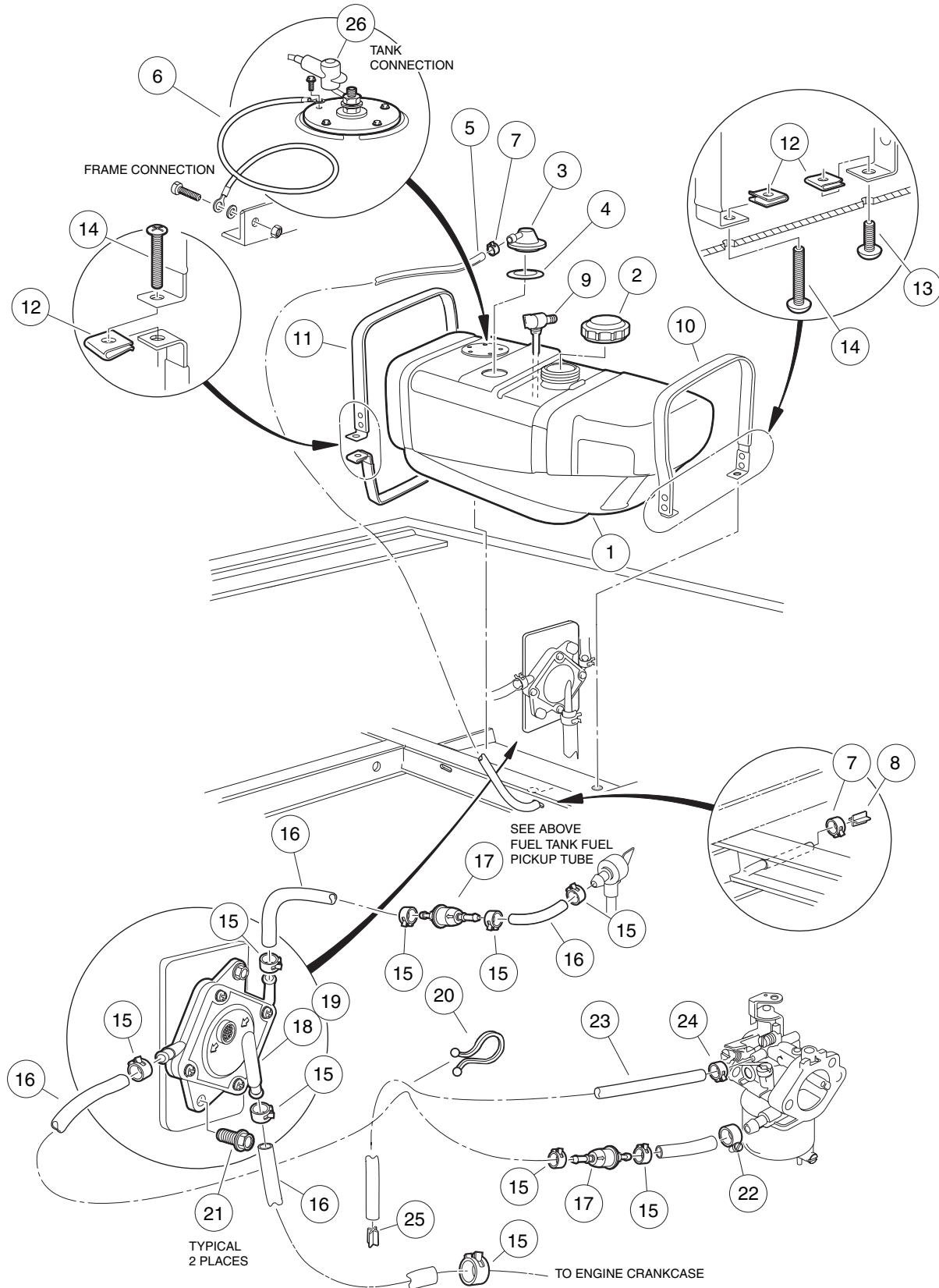
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# **FUEL, INTAKE, AND GOVERNOR SYSTEMS**

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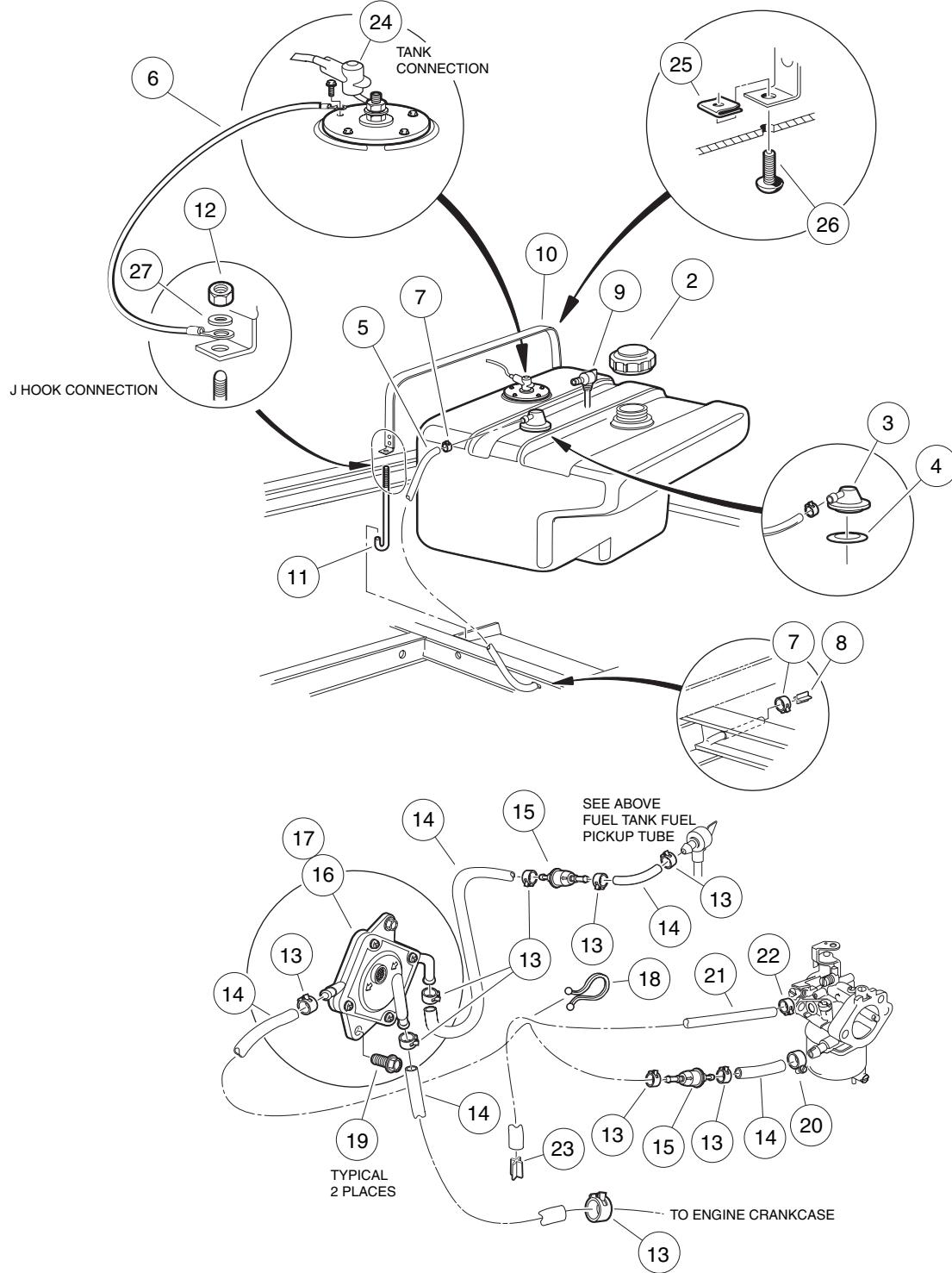
# FUEL SYSTEM – TURF 272 AND CARRYALL 272 VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	1016004	Kit, Fuel Tank, with Sending Unit (includes items 2 - 9) .....	1
2	1015188	Cap, Fuel Tank, Nonvented .....	1
3	1015143	Vent, Fuel Tank .....	1
4	1015139	Grommet, Insulation .....	1
5	1015137	Line, Bulk Vent (available by the foot) .....	A/R
6	N/A	Wire Assembly, #16 Black .....	1
7	1013746	Clamp, Hose – Gray .....	2
8	101824401	Barb, Vent .....	1
9	101896901	Valve, Fuel Pickup Tube with Shut-Off .....	1
10	1014928	Fuel Strap, Rear .....	1
11	101955301	Fuel Strap, Front .....	1
12	1014116	Nut, U-Type Speed, 1/4-20 .....	3
13	8248	Screw, Phillips Truss-Head, 1/4-20 x 3/4 .....	1
14	1011988	Screw, Phillips Truss-Head, 1/4-20 x 2 .....	2
15	1012649	Clamp, Hose – Red .....	9
16	1013692	Line, Bulk Fuel (available by the foot*) .....	A/R
17	102003201	Filter, Fuel .....	2
18	1014523	Pump, Fuel Impulse .....	1
19	1014524	Kit, Rebuild, Fuel Impulse Pump .....	A/R
20	101987701	Clamp, Plastic .....	1
21	1012285	Screw, Thread-Rolling, 1/4-20 x 5/8 .....	2
22	1013687	Clamp, Hose (screw type) .....	1
23	1015137	Line, Bulk Vent (available by the foot) .....	A/R
24	1013746	Clamp, Hose – Gray .....	1
25	101824401	Barb, Vent .....	1
26	N/A	Boot, Rubber .....	1

\* The total fuel line length for the Turf/Carryall 272 is 34-1/2 inches (87.6 cm).

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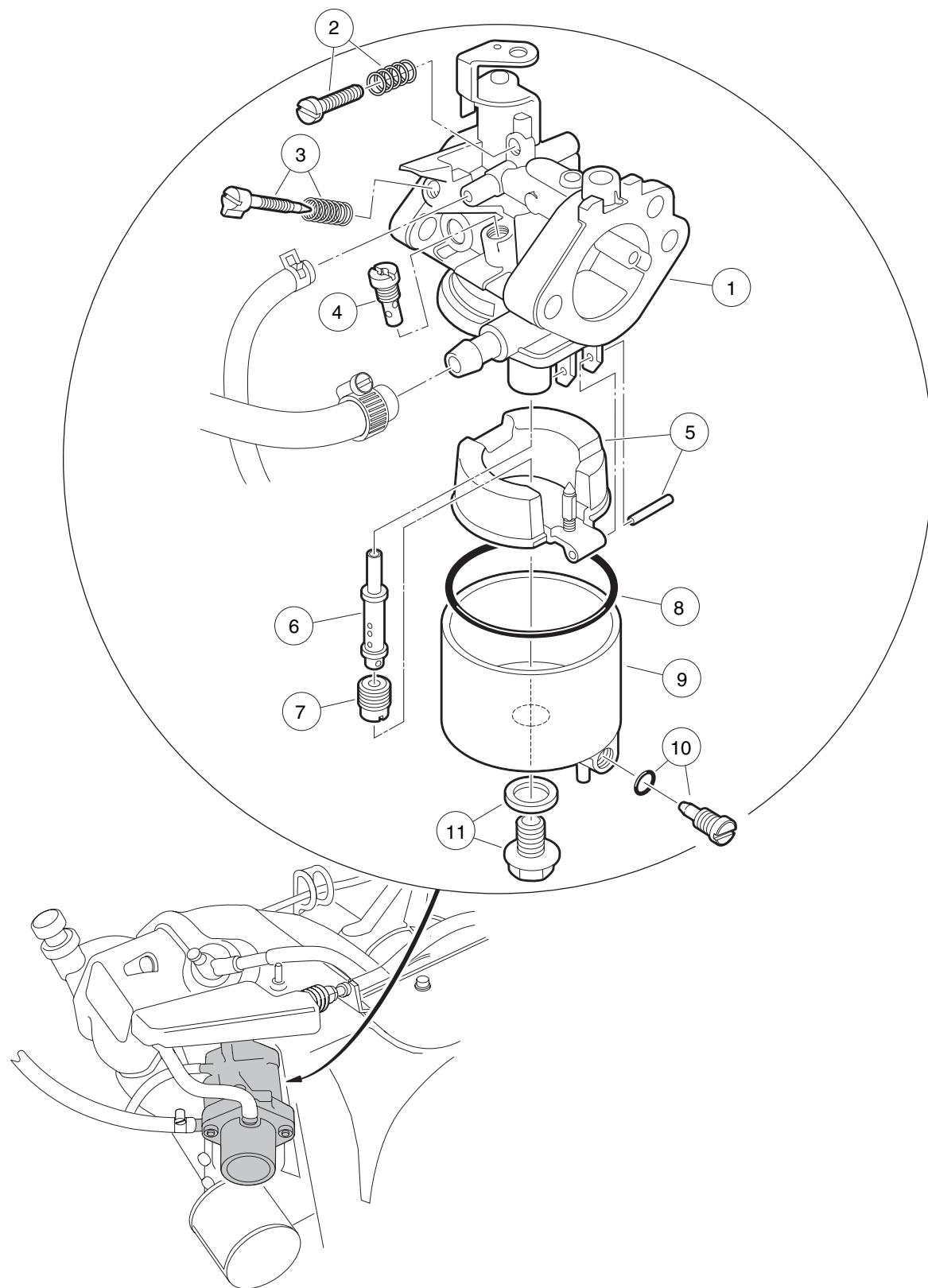
# FUEL SYSTEM – CARRYALL 472 VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102333601</u>	Kit, Fuel Tank, with Sending Unit (includes items 2 - 9) .....	1
2	<u>1015188</u>	Cap, Fuel Tank, Nonvented .....	1
3	<u>1015143</u>	Vent, Fuel Tank .....	1
4	<u>1015139</u>	Grommet, Insulation .....	1
5	<u>1015137</u>	Line, Bulk Vent (available by the foot) .....	A/R
6	N/A	Wire Assembly, #16 Black .....	1
7	<u>1013746</u>	Clamp, Hose – Gray .....	2
8	<u>101824401</u>	Barb, Vent .....	1
9	<u>101896901</u>	Valve, Fuel Pickup Tube with Shut-Off .....	1
10	<u>102333401</u>	Fuel Strap .....	1
11	<u>102333901</u>	J-Bolt .....	1
12	<u>8233</u>	Nut, Hex, 1/4-20 .....	1
13	<u>1012649</u>	Clamp, Hose – Red .....	9
14	<u>1013692</u>	Line, Bulk Fuel (available by the foot*) .....	A/R
15	<u>102003201</u>	Filter, Fuel .....	2
16	<u>1013630</u>	Pump, Fuel Impulse .....	1
17	<u>1014524</u>	Kit, Rebuild, Fuel Impulse Pump .....	A/R
18	<u>101987701</u>	Clamp, Plastic .....	1
19	<u>1012285</u>	Screw, Thread-Rolling, 1/4-20 x 5/8 .....	2
20	<u>1013687</u>	Clamp, Hose (screw type) .....	1
21	<u>1015137</u>	Line, Bulk Vent (available by the foot) .....	A/R
22	<u>1013746</u>	Clamp, Hose – Gray .....	1
23	<u>101824401</u>	Barb, Vent .....	1
24	N/A	Boot, Rubber .....	1
25	<u>1014116</u>	Nut, U-Type Speed, 1/4-20 .....	3
26	<u>8248</u>	Screw, Phillips Truss-Head, 1/4-20 x 3/4 .....	1
27	<u>332</u>	Washer, Flat, 5/16 .....	1

\* The total fuel line length for the Carryall 472 is 75.65 inches (192.2 cm).

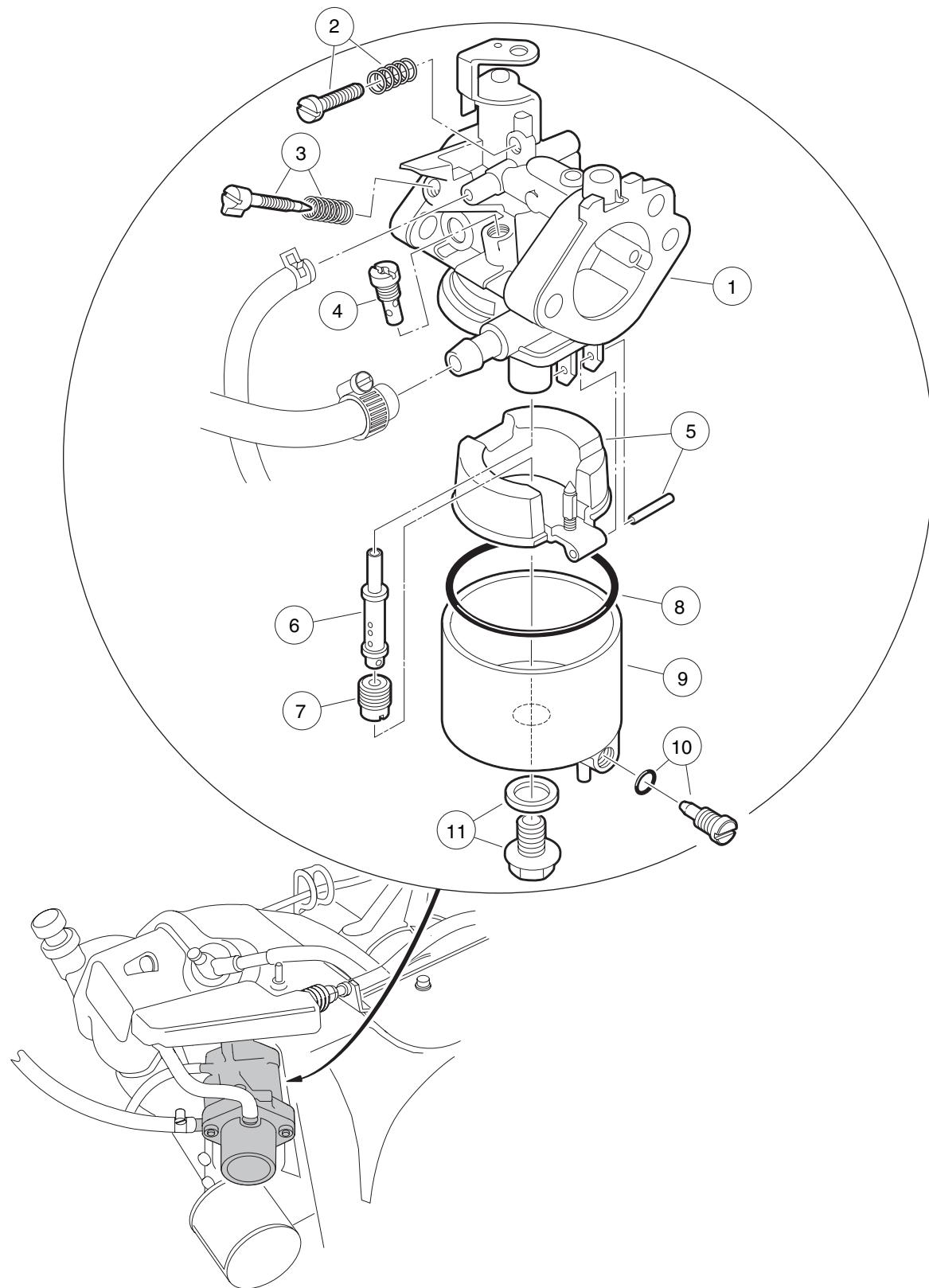
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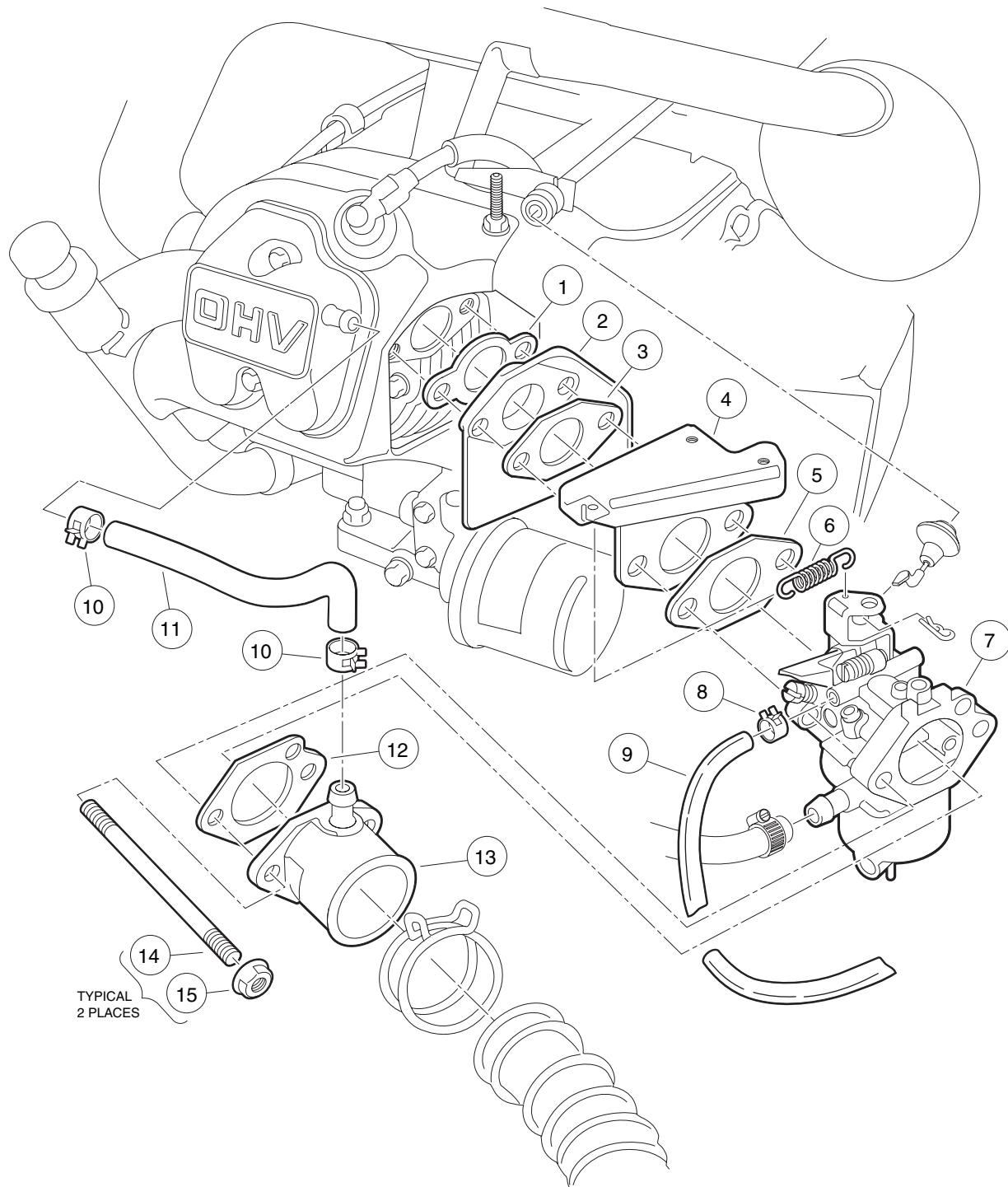
# CARBURETOR ASSEMBLY, FE350 ENGINE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>101905901</u>	Assembly, Carburetor (FE350 engine) (includes items 2 - 11) .....	1
2	<u>1016501</u>	Assembly, Idle Screw .....	1
3	N/A	Assembly, Pilot Air Screw .....	1
4	<u>101973101</u>	Jet, Pilot, #40 .....	1
5	<u>1016486</u>	Assembly, Float .....	1
6	<u>101973301</u>	Nozzle, Main (FE350 engine) .....	1
		Standard Jetting:	
7	<u>101642585</u>	Jet, Main, 0 - 3,000 Feet (0-914.4 m) .....	1
7	<u>101642582</u>	Jet, Main, 3,000 - 5,000 Feet (914.4-1524 m) .....	A/R
7	<u>101642580</u>	Jet, Main, 5,000 - 8,000 Feet (1524-2438.4 m) .....	A/R
7	<u>101642578</u>	Jet, Main, 8,000 - 10,000 Feet (2438.4-3048 m) .....	A/R
7	<u>101642575</u>	Jet, Main, 10,000 Feet and Above (3048 m and above) .....	A/R
8	<u>1016437</u>	Gasket, Float Chamber .....	1
9	<u>1017461</u>	Assembly, Float Chamber (includes item 10) .....	1
10	<u>1016499</u>	Assembly, Screw .....	1
11	1016585	Assembly, Bolt .....	1

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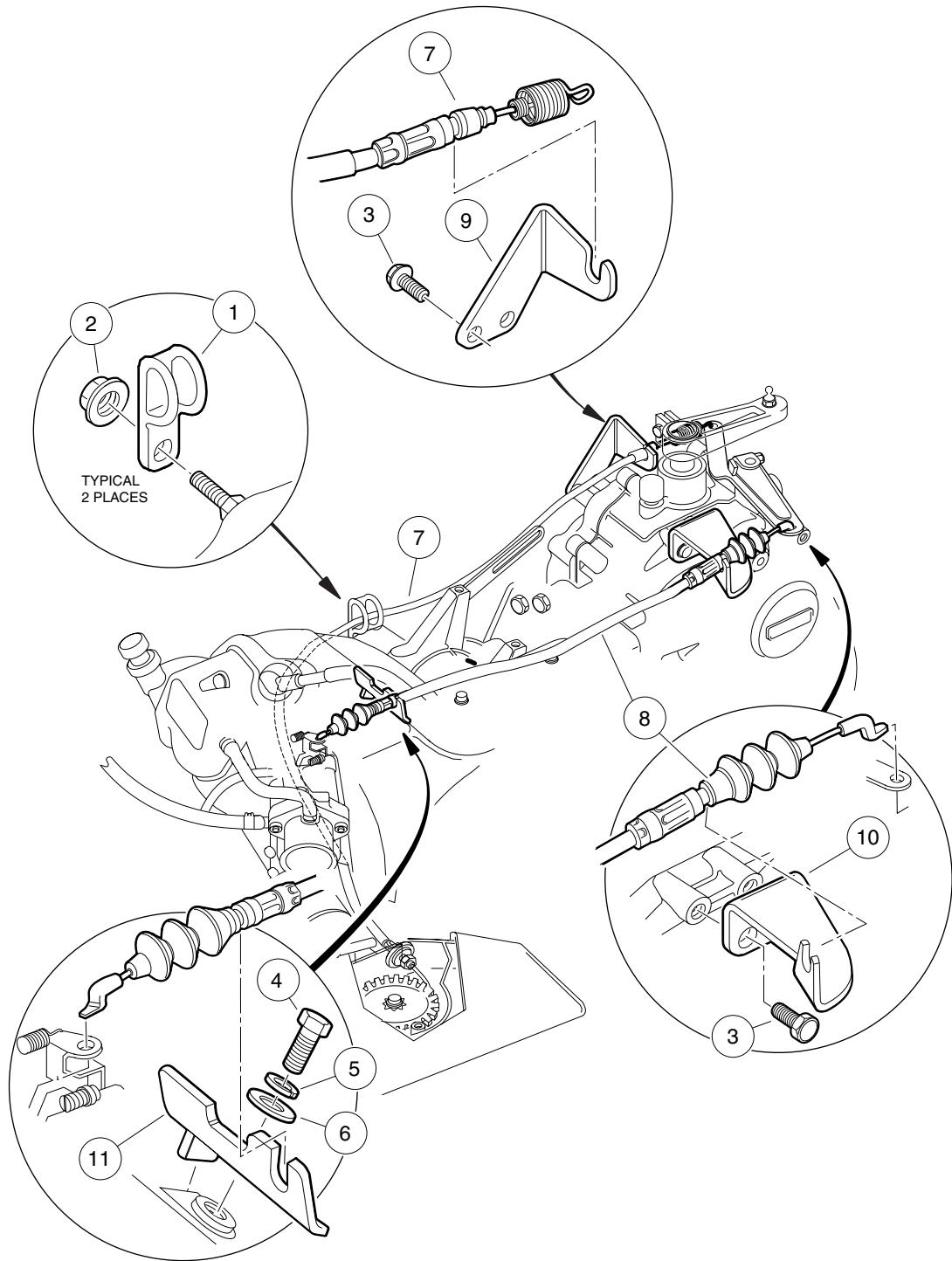
# CARBURETOR ASSEMBLY, FE400 ENGINE

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102270701</u>	Assembly, Carburetor (FE400 engine) (includes items 2 - 11) .....	1
2	<u>1016501</u>	Assembly, Idle Screw .....	1
3	N/A	Assembly, Pilot Air Screw .....	1
4	<u>1016574</u>	Jet, Pilot, #45 .....	1
5	<u>1016486</u>	Assembly, Float .....	1
6	<u>102271701</u>	Nozzle, Main (FE400 engine) .....	1
		Standard Jetting:	
7	<u>101642588</u>	Jet, Main, 0 - 3,280 Feet (0-1000 m) .....	1
7	<u>101642585</u>	Jet, Main, 3,280 - 6,562 Feet (1000-2000 m) .....	A/R
7	<u>101642582</u>	Jet, Main, 6,562 Feet and Above (2000 m and above) .....	A/R
8	<u>1016437</u>	Gasket, Float Chamber .....	1
9	<u>1017461</u>	Assembly, Float Chamber (includes item 10) .....	1
10	<u>1016499</u>	Assembly, Screw .....	1
11	1016585	Assembly, Bolt .....	1



# CARBURETOR INSTALLATION

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1016440</u>	Gasket, Insulator .....	1
2	<u>101648102</u>	Insulator, Carburetor .....	1
3	<u>101973401</u>	Gasket, Carburetor Insulator to Throttle Bracket .....	1
4	<u>1016444</u>	Bracket, Throttle .....	1
5	<u>1016441</u>	Gasket, Throttle Bracket to Carburetor .....	1
6	<u>1016582</u>	Spring, Throttle Return .....	1
7	<u>101905901</u>	Assembly, Carburetor (FE350 engine) .....	1
7	<u>102270701</u>	Assembly, Carburetor (FE400 engine) .....	1
8	<u>1013746</u>	Clamp, Hose – Gray .....	1
9	<u>1015137</u>	Line, Bulk Vent .....	A/R
10	<u>1017466</u>	Clamp, Hose – Bronze .....	2
11	<u>1016572</u>	Tube, Crankcase Vent .....	1
12	<u>1016438</u>	Gasket, Carburetor to Intake Manifold .....	1
13	<u>1016480</u>	Pipe, Intake .....	1
14	<u>101649002</u>	Screw, 2-Ended Stud, M6 x 1 x 90 mm .....	2
15	<u>1016547</u>	Nut, Flanged, M6 x 1 .....	2

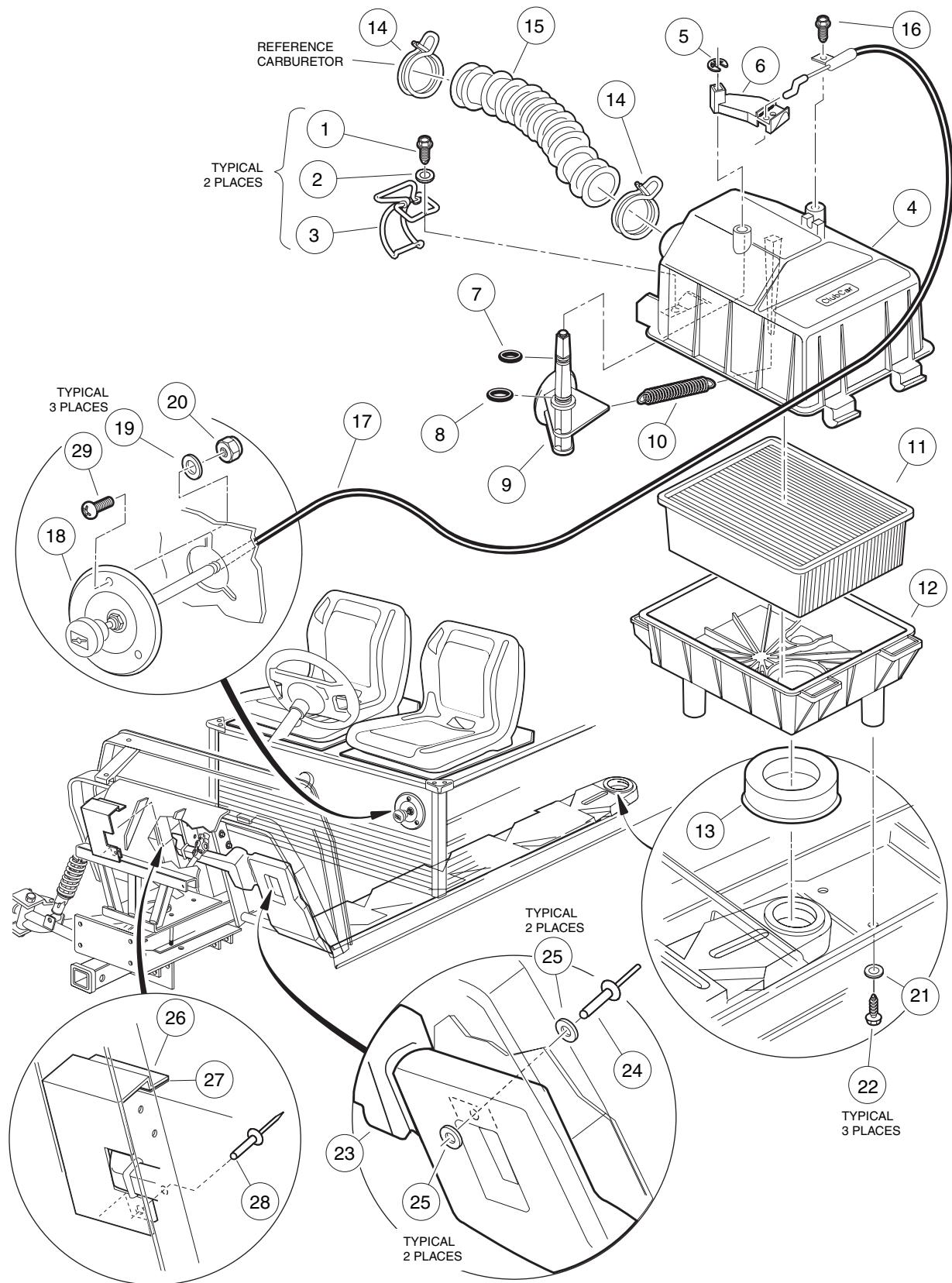


# GOVERNOR AND ACCELERATOR CABLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>1013700</u>	Clamp, Cable Retaining .....	2
2	<u>1016546</u>	Nut, Flanged Hex, M8 x 1.25 .....	2
3	<u>1012285</u>	Screw, Thread Rolling, 1/4-20 x 5/8 .....	4
4	101903501	Screw, Hex-Head Cap, M8 x 1.25 x 24 mm .....	1
5	<u>7174</u>	Washer, Lock, 5/16 .....	1
6	<u>1011697</u>	Washer, Flat, 5/16 .....	1
7	<u>102336101</u>	Cable, Accelerator, Snap-in .....	1
8	<u>102336001</u>	Cable, Governor, Snap-in .....	1
9	<u>101832302</u>	Bracket, Accelerator Support .....	1
10	<u>101832202</u>	Bracket, Support .....	1
11	<u>101584502</u>	Bracket, Governor Cable Engine .....	1
		* Brackets and cables must be of the same style.	

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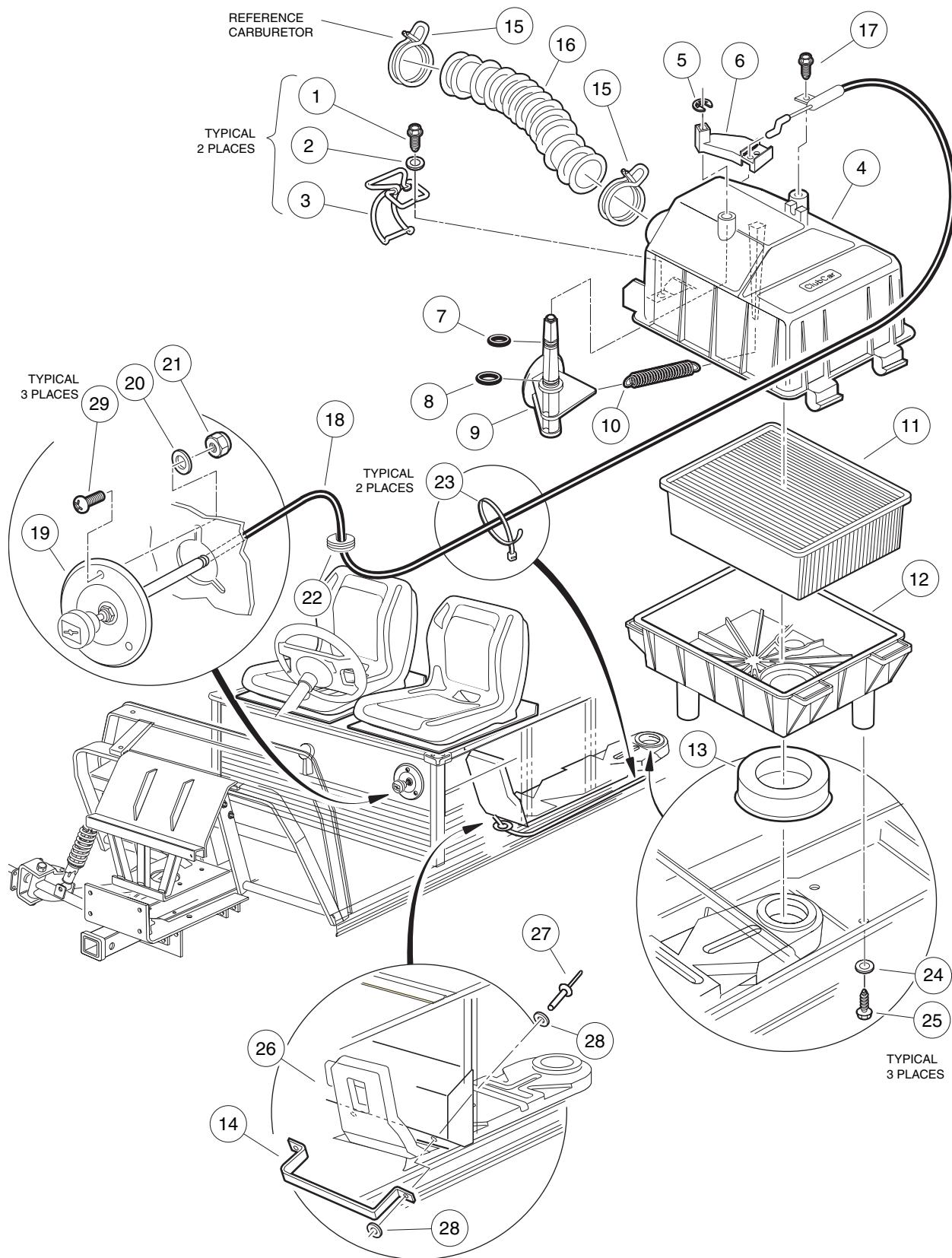


# INTAKE DUCT, CHOKE, AND AIR BOX ASSEMBLY – TURF 272 AND CARRYALL 272 VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	<u>101821501</u>	Assembly, Air Box (includes items 1 - 13) .....	1
1	<u>101804301</u>	Screw, Hex-Head Hi-Lo, #8 x 1/2 .....	2
2	<u>101881701</u>	Washer, Stainless Steel, #8 .....	2
3	<u>101925701</u>	Latch, Wire .....	2
4	<u>101972801</u>	Assembly, Air Box Top (includes items 5 - 10) .....	1
5	<u>101813001</u>	E-Clip .....	1
6	<u>101917601</u>	Lever, Choke .....	1
7	N/A	O-Ring, 5/16 – Red .....	1
8	N/A	O-Ring, 3/8 – Green .....	1
9	N/A	Valve, Choke .....	1
10	<u>101812301</u>	Spring, Return .....	1
11	<u>1015426</u>	Filter, Air .....	1
12	<u>101811901</u>	Bottom, Air Box .....	1
13	<u>101921501</u>	Seal, Intake .....	1
14	<u>101971301</u>	Clamp, Hose (air intake) .....	2
15	<u>101837101</u>	Hose, Intake .....	1
16	<u>101804301</u>	Screw, Hex-Head Hi-Lo, #8 x 1/2 .....	1
17	<u>101926801</u>	Cable, Choke (includes item 18) .....	1
18	<u>101933701</u>	Bezel, Choke Cable .....	1
19	<u>183</u>	Washer, Flat, Type A, #10 .....	3
20	<u>1012438</u>	Nut, Nylon Lock, #10-24 .....	3
21	<u>332</u>	Washer, Flat, Type A, 1/4 .....	3
22	<u>1015752</u>	Screw, Hi-Lo, #12-16 x 5/8 .....	3
23	<u>101958102</u>	Duct, Air .....	1
24	1606	Rivet, Pop, 3/16 .....	2
25	<u>183</u>	Washer, Flat, Type A, #10 .....	4
26	<u>102190702</u>	Kit, Air Duct Shield (includes item 27 and 28) .....	1
27	N/A	Tape, VHB 4950, 4-1/2 inches .....	1
28	<u>7973</u>	Rivet, Pop, 3/16 .....	1
29	<u>1631</u>	Screw, Pan-Head, #10-24 x 3/4 .....	3

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# INTAKE DUCT, CHOKE, AND AIR BOX ASSEMBLY – CARRYALL 472 VEHICLES

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	<u>101821501</u>	Assembly, Air Box (Includes Items 1 - 13) .....	1
1	<u>101804301</u>	Screw, Hi-Lo Hex-Head, #8-1/2 .....	2
2	<u>101881701</u>	Washer, Stainless Steel, #8 .....	2
3	<u>101925701</u>	Latch, Wire .....	2
4	<u>101972801</u>	Assembly, Air Box Top (Includes Items 5 - 10) .....	1
5	<u>101813001</u>	E-Clip .....	1
6	<u>101917601</u>	Lever, Choke .....	1
7	N/A	O-Ring, 5/16 (Red) .....	1
8	N/A	O-Ring, 3/8 (Green) .....	1
9	N/A	Valve, Choke .....	1
10	<u>101812301</u>	Spring, Return .....	1
11	<u>1015426</u>	Filter, Air .....	1
12	<u>101811901</u>	Bottom, Air Box .....	1
13	<u>101921501</u>	Seal, Intake .....	1
14	<u>101825701</u>	Bracket, Retaining .....	1
15	<u>101971301</u>	Clamp, Hose (Air Intake) .....	2
16	<u>101837101</u>	Hose, Intake .....	1
17	<u>101804301</u>	Screw, Hex-Head Hi-Lo, #8 x 1/2 .....	1
18	<u>101926802</u>	Cable, Choke (includes item 19) .....	1
19	<u>101933701</u>	Bezel, Choke Cable .....	1
20	<u>183</u>	Washer, #10 .....	3
21	<u>1012438</u>	Nut, Nylon Lock, #10-24 .....	3
22	<u>1015139</u>	Grommet .....	1
23	8168	Tie, Wire .....	2
24	<u>332</u>	Washer, Flat, 1/4 .....	3
25	<u>1015752</u>	Screw, Hi-Lo, #12-16 x 5/8 .....	3
26	<u>101811301</u>	Duct, Air .....	1
27	7973	Rivet, Pop, 3/16 .....	2
28	<u>183</u>	Washer, Flat, #10 .....	4
29	<u>1631</u>	Screw, Pan-Head, #10-24 x 3/4 .....	3

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# **EXHAUST SYSTEM**

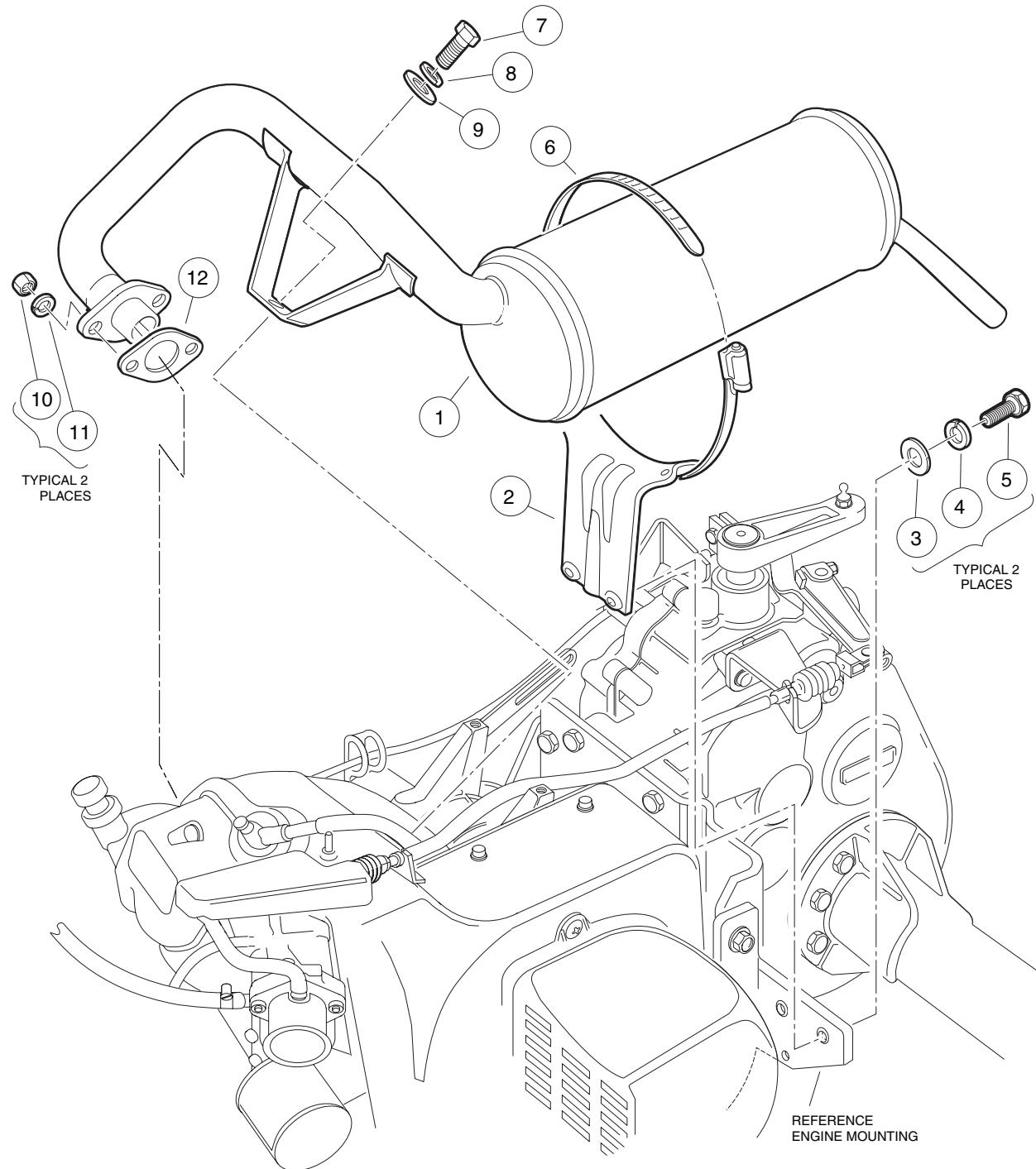
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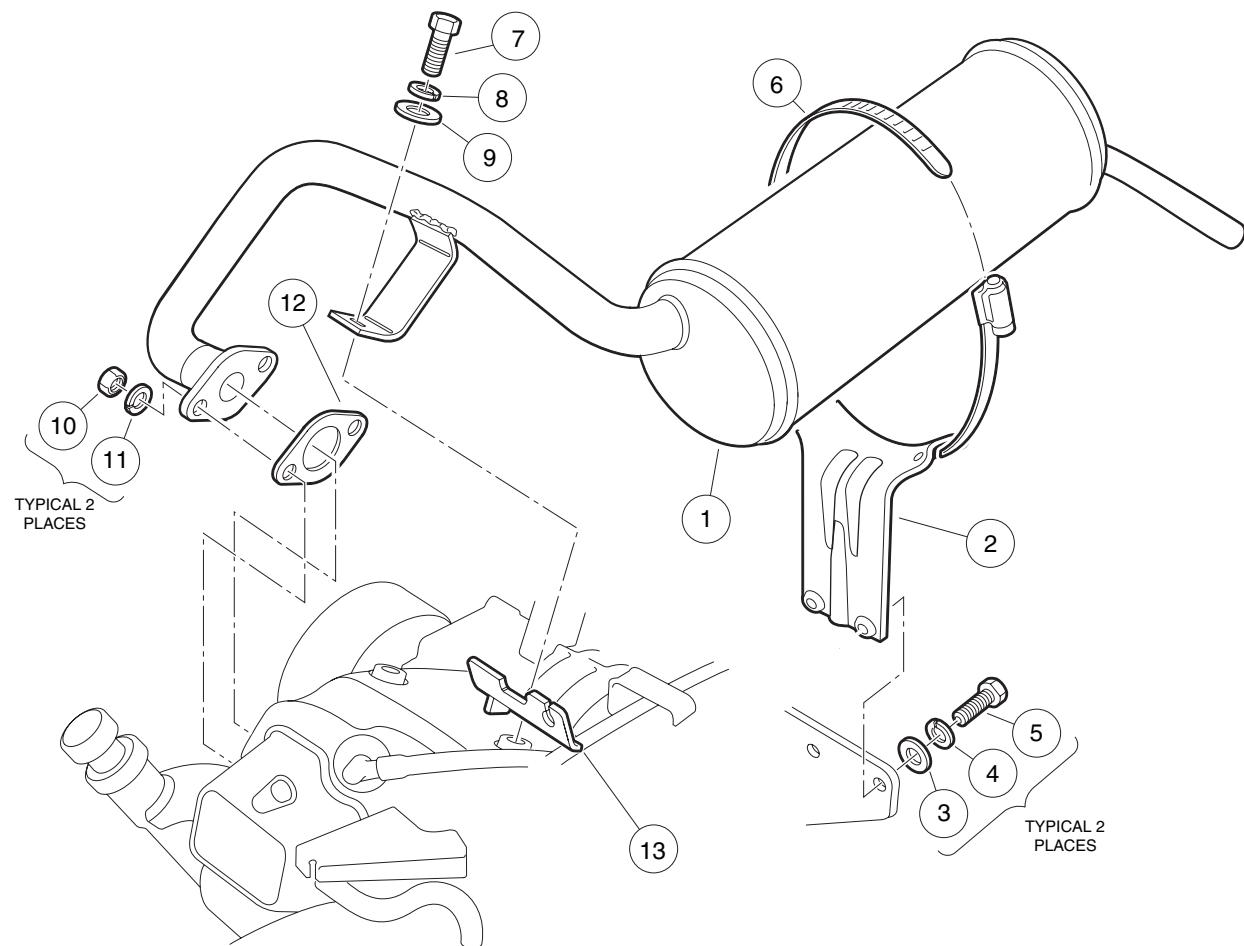
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# EXHAUST SYSTEM, FE350 ENGINE

ITEM	PART NO.	DESCRIPTION	QTY	
		1 2 3 4		10
1	<u>101859401</u>	System, Exhaust (FE350 engine) .....	1	G
2	<u>1015814</u>	Bracket, Muffler Mounting .....	1	
3	<u>332</u>	Washer, Flat, Type A, 1/4 .....	2	
4	<u>451</u>	Washer, Lock, 1/4 .....	2	
5	<u>7847</u>	Screw, Hex-Head, 1/4-20 x 3/4 .....	2	
6	<u>1017689</u>	Clamp, Muffler .....	1	
7	<u>1012830</u>	Screw, Hex-Head Cap, M8 x 1.25 x 22 mm .....	1	
8	<u>7174</u>	Washer, Lock, 5/16 .....	1	
9	<u>1241</u>	Washer, Flat, Type A, 5/16 .....	1	
10	<u>1012528</u>	Nut, Hex, M8 x 1.25 .....	2	
11	<u>1013734</u>	Washer, Lock, 8 mm .....	2	
12	<u>1016904</u>	Gasket, Exhaust .....	1	



# EXHAUST SYSTEM, FE400 ENGINE

ITEM	PART NO.	DESCRIPTION	QTY	
		1 2 3 4		
1	<u>102257201</u>	System, Exhaust (FE400 engine) .....	1	
2	<u>1015814</u>	Bracket, Muffler Mounting .....	1	
3	<u>332</u>	Washer, Flat, Type A, 1/4 .....	2	
4	<u>451</u>	Washer, Lock, 1/4 .....	2	
5	<u>7847</u>	Screw, Hex-Head, 1/4-20 x 3/4 .....	2	
6	<u>1017689</u>	Clamp, Muffler .....	1	
7	<u>1012830</u>	Screw, Hex-Head Cap, M8 x 1.25 x 22 mm .....	1	
8	<u>7174</u>	Washer, Lock, 5/16 .....	1	
9	<u>1241</u>	Washer, Flat, Type A, 5/16 .....	1	
10	<u>1012528</u>	Nut, Hex, M8 x 1.25 .....	2	
11	<u>1013734</u>	Washer, Lock, 8 mm .....	2	
12	<u>1016904</u>	Gasket, Exhaust .....	1	
13	<u>1015845</u>	Bracket, Governor Cable Engine .....	1	

**10**

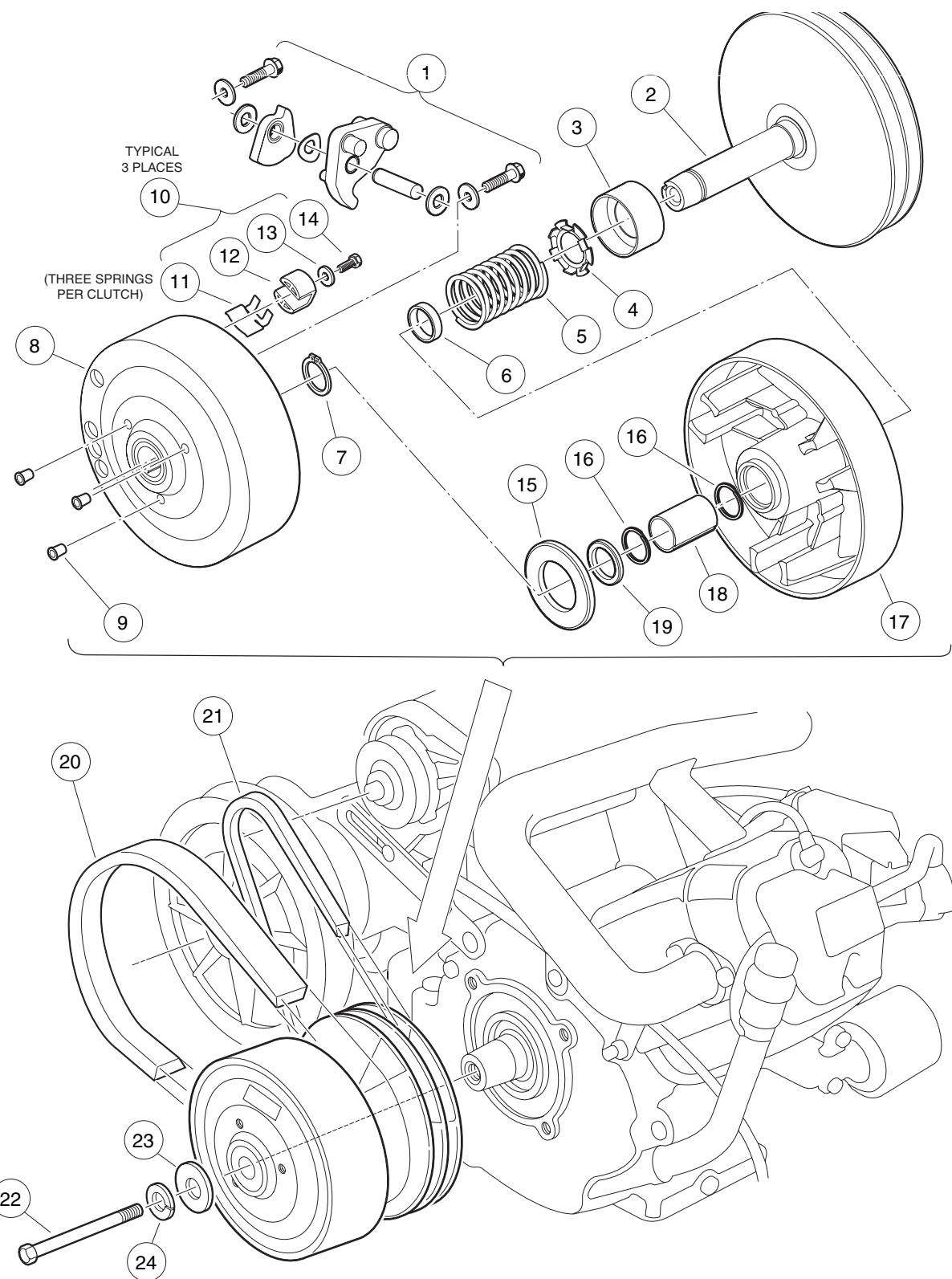
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# TORQUE CONVERTER

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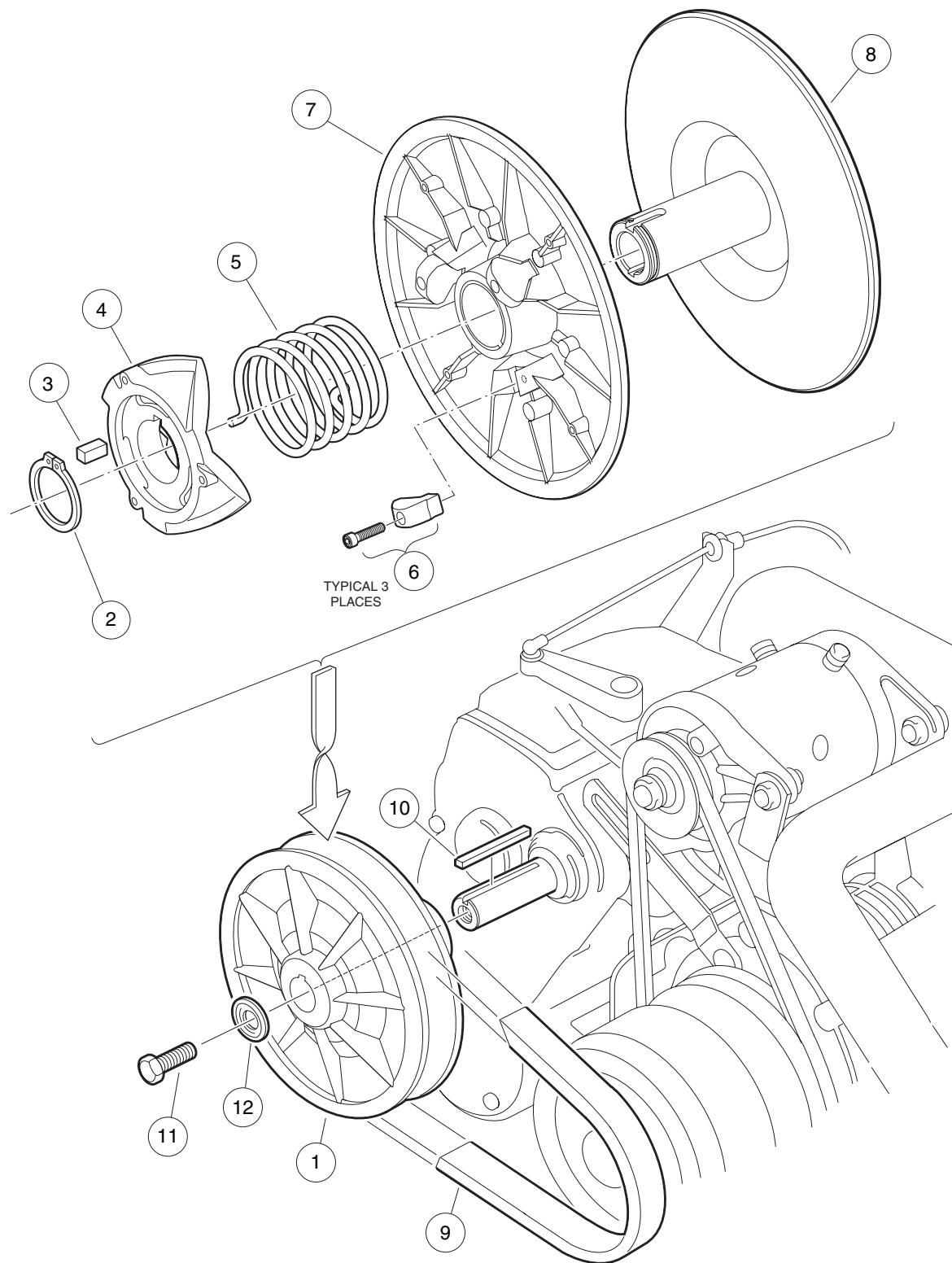


# DRIVE CLUTCH

**11**

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ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
	<u>101833904</u>	Assembly, Drive Clutch (FE350 engine) (includes items 1 - 19)	1
	<u>101833908</u>	Assembly, Drive Clutch (FE400 engine) (includes items 1 - 19)	1
1	<u>1016801</u>	Kit, Drive Clutch Weight	1
2	<u>101738301</u>	Assembly, Fixed Face	1
3	<u>1014049</u>	Bearing, Idler	1
4	<u>1014050</u>	Retainer, Spring	1
5	<u>1016901</u>	Spring, Drive Clutch – Green (used in <u>101833904</u> only)	1
5	<u>102266201</u>	Spring, Drive Clutch – Red (used in <u>101833908</u> only)	1
6	<u>1016289</u>	Spacer, Fixed Face Shaft	1
7	<u>1014057</u>	Ring, Retaining	1
8	<u>1014059</u>	Assembly, Drive Hub	1
9	<u>101925601</u>	Plug, Drive Clutch	1
10	<u>1014453</u>	Kit, Drive Clutch Button (includes item 11 - 14)	1
11	<u>1014287</u>	Spring, Drive Button	3
12	<u>1014062</u>	Driver, Drive Clutch	3
13	<u>183</u>	Washer, Flat, #10, Type A	3
14	<u>8450</u>	Screw, Hex-Head, #10-24 x 1/2	3
15	<u>1014058</u>	Washer, Thrust	1
16	<u>1014056</u>	Ring, Spiral Back-Up	2
17	<u>1014052</u>	Assembly, Moveable Face (includes items 18 and 19)	1
18	N/A	Bushing	1
19	<u>1014055</u>	Retainer	1
20	<u>102267101</u>	Belt, Drive (FE350 and FE400)	1
21	<u>101916701</u>	Belt, Starter/Generator	1
22	<u>101916501</u>	Screw, Hex-Head Cap, 3/8-24 x 5-1/2 (left-hand threads)	1
23	<u>808</u>	Washer, Drive Clutch, 3/8	1
24	<u>357</u>	Washer, Lock, 3/8	1



# DRIVEN CLUTCH

**11**

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ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>101834001</u>	Assembly, Driven Clutch (includes items 2 - 8) .....	1
2	<u>1014080</u>	Ring, Retaining .....	1
3	<u>1014078</u>	Key .....	1
4	<u>1017686</u>	Cam .....	1
5	<u>101836201</u>	Spring – Green .....	1
6	<u>1014454</u>	Kit, Driven Clutch Button (includes 3 screws and 3 buttons) .....	1
7	<u>1014072</u>	Assembly, Moveable Face with Bushing .....	1
8	<u>1014070</u>	Face, Fixed .....	1
9	<u>102267101</u>	Belt, Drive (FE350 and FE400) .....	1
	<u>AM10419</u>	Kit, Driven Clutch Hardware Repair (includes items 10 - 12) .....	1
10	<u>101833401</u>	Key, Square Transmission .....	1
11	<u>102242101</u>	Screw, Hex-Head Cap, Thread-Locking, 5/16-18 x 3/4 .....	1
12	<u>1017327</u>	Washer, Driven Clutch .....	1

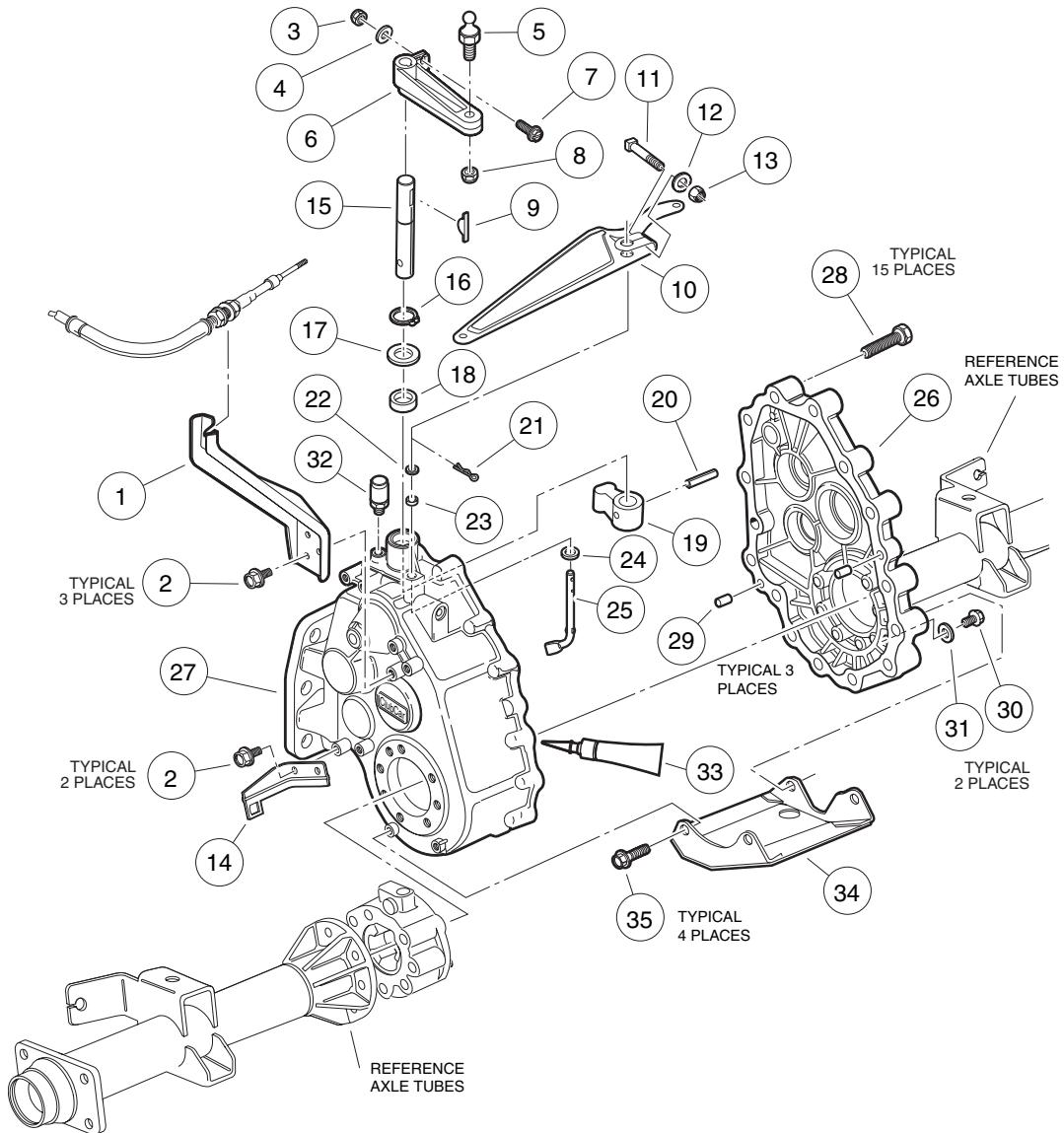
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# **UNITIZED TRANSAXLE**

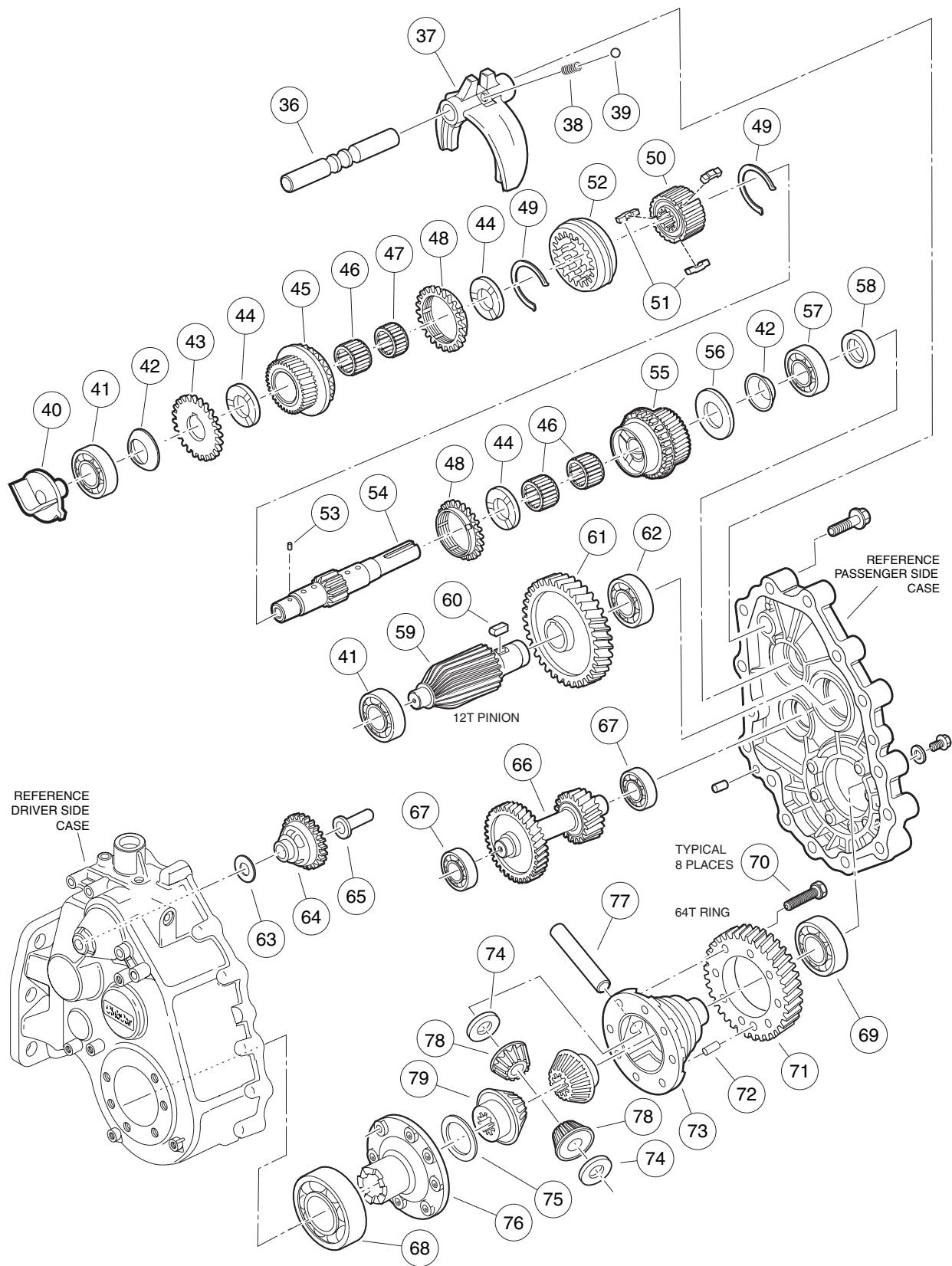
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**MC012C-AS00 PRIOR TO SERIAL NUMBER  
MC012C3J0001 – GEAR CASES, BRACKETS AND GUARD**

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102045901</u>	Bracket, Transmission Cable Support .....	1
2	<u>1012285</u>	Screw, Thread-Rolling, 1/4-20 x 5/8 .....	5
3	<u>1013061</u>	Nut, Nylon Lock, #10-32 .....	1
4	<u>183</u>	Washer, Flat, Type A, #10 .....	1
5	<u>1010954</u>	Stud, Ball, 1/4-28 x 9/16 .....	1
6	<u>1016341</u>	Lever, Transmission Shifter .....	1
7	<u>1017082</u>	Screw, Hex Washer-Head, #10-32 x 3/4 .....	1
8	<u>8717</u>	Nut, Nylon Lock, 1/4-28 .....	1
9	<u>1017231</u>	Key, Woodruff, Type T .....	1
10	<u>101834801</u>	Arm, Governor Lever .....	1
11	<u>101886101</u>	Screw, Square-Head, 1/4-20 x 1 .....	1
12	<u>1014007</u>	Washer, Type B, 1/4 .....	1
13	<u>8233</u>	Nut, Nylon Lock, 1/4-20 .....	1
14	<u>102018701</u>	Bracket, Differential Lock .....	1
	<u>102264601</u>	Transaxle, Unitized (includes items 15 - 107) .....	1
15	<u>101890201</u>	Shaft, Shifter .....	1
16	<u>101927301</u>	Ring, Snap .....	1
17	<u>101892901</u>	Washer, Flat .....	1
18	<u>101927201</u>	Seal, Oil .....	1
19	<u>101890101</u>	Lever, Shifter .....	1
20	<u>1012752</u>	Pin, Roll .....	1
21	<u>101928601</u>	Pin, Cotter .....	1
22	<u>1016513</u>	Washer, Flat .....	1
23	<u>101927101</u>	Seal, Oil .....	1
24	<u>101893801</u>	Washer .....	1
25	<u>101891301</u>	Arm, Pivot .....	1
26	<u>102018501</u>	Gear Case (passenger side) .....	1
27	<u>102018601</u>	Gear Case (driver side) .....	1
28	<u>101926901</u>	Bolt, Flanged, M8 x 1.25 x 40 mm .....	15
29	<u>1012896</u>	Pin, Dowel (see also page 12-6) .....	3
30	<u>1016576</u>	Plug, Drain .....	2
31	<u>102267601</u>	Gasket .....	2
32	<u>1012711</u>	Breather .....	1
33	<u>101928701</u>	Gasket, Liquid, 8.8 oz. (250 grams) .....	A/R
34	<u>102031501</u>	Guard, Unitized Transaxle .....	1
35	<u>102268601</u>	Bolt, M8 x 1.25 x 20 mm .....	4

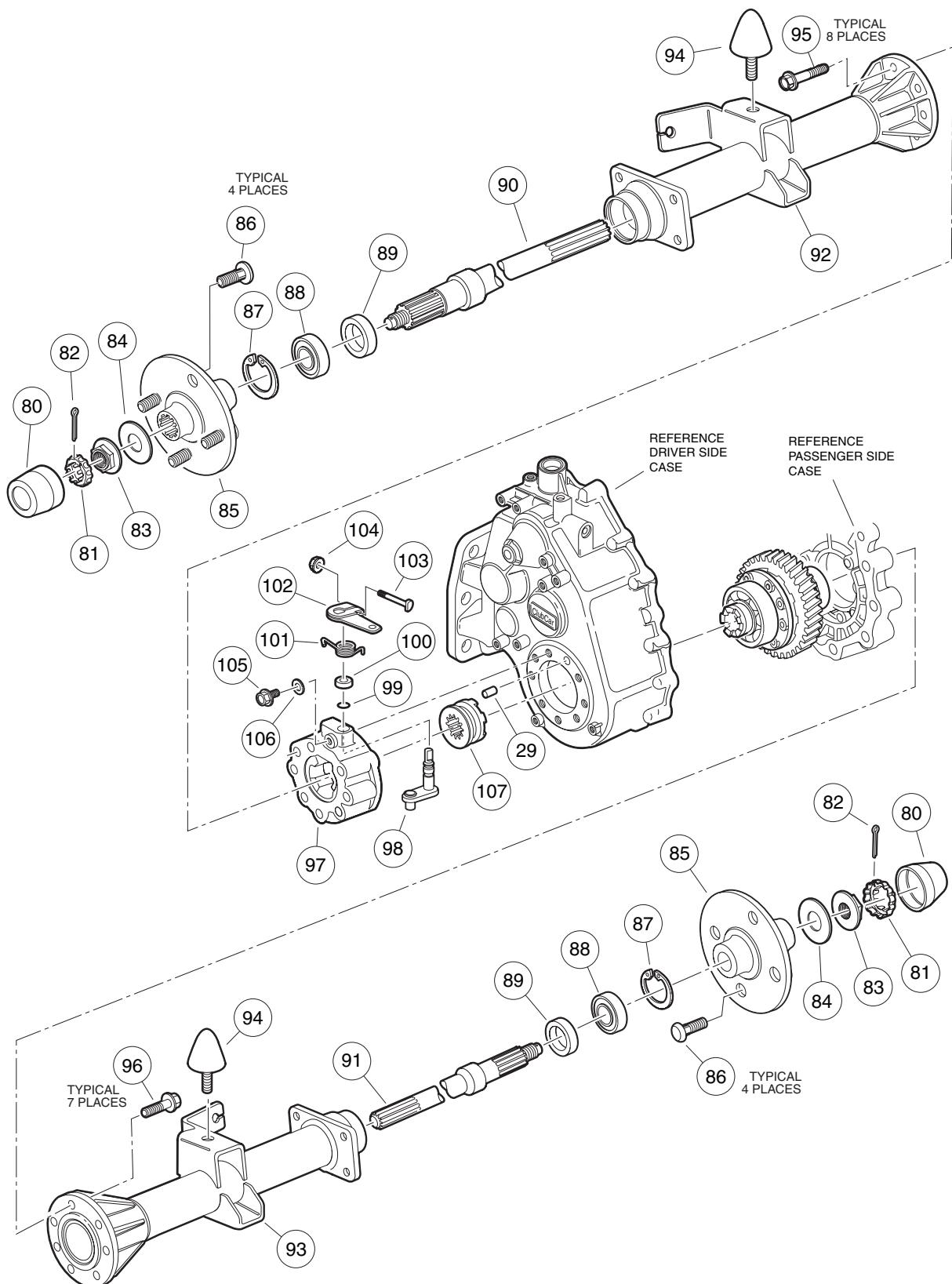


**MC012C-AS00 PRIOR TO SERIAL NUMBER MC012C3  
J0001 – F&R TRANSMISSION AND GEAR REDUCTION**

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
36	101892001	Rod, Shift .....	1
37	101890001	Fork, Shift .....	1
38	1012748	Spring .....	1
39	1012747	Ball, Steel .....	1
40	101889401	Guide .....	1
41	AM10080	Bearing, Ball, Sealed .....	2
42	1016338	Washer, Spring .....	2
43	101892401	Gear, Spur .....	1
44	101892201	Plate, Thrust .....	3
45	102018801	Gear, Input, 25 Tooth (16°) .....	1
46	101927601	Bearing, Needle .....	3
47	101927501	Bearing, Needle .....	1
48	101981001	Ring, Synchronizer (16°) .....	2
49	1012741	Spring, Synchronizer .....	2
50	101928001	Hub, Synchronizer Clutch .....	1
51	1012740	Insert, Synchronizer .....	3
52	101927901	Sleeve, Synchronizer .....	1
53	101927701	Pin, Dowel .....	1
54	101889901	Shaft, Input .....	1
55	101980801	Gear, Input, 25 Tooth (16°) .....	1
56	1016337	Washer, Thrust .....	1
57	AM10081	Bearing, Ball, C-3 Sealed .....	1
58	1012714	Seal, Oil, Input Shaft .....	1
59	102268201	Gear, 12 Tooth .....	1
60	101893201	Key .....	1
61	102018901	Gear, 70 Tooth .....	1
62	102268401	Bearing, Ball .....	1
63	101893901	Washer .....	1
64	101892301	Governor .....	1
65	101891601	Sleeve .....	1
66	102019001	Gear, Cluster Idler .....	1
67	7335	Bearing, Ball .....	2
68	102032001	Bearing, Inner Axle Tube, Driver-Side .....	1
69	7330	Bearing, Inner Axle Tube, Passenger-Side .....	1
70	101928301	Bolt, M8 x 1.25 x 37 mm .....	8
71	102268301	Gear, Output, 64 Tooth .....	1
72	102031701	Pin, Dowel .....	1
73	102267901	Case, Gear Carrier .....	1
74	1013774	Plate, Thrust (idler gear) .....	2
75	102268101	Plate, Thrust (differential gear) .....	1
76	102267801	Cover, Gear Case .....	1
77	1013772	Pin, Differential .....	1
78	1013770	Gear, Differential Idler .....	2
79	102268001	Gear, Differential, 16 Tooth .....	2

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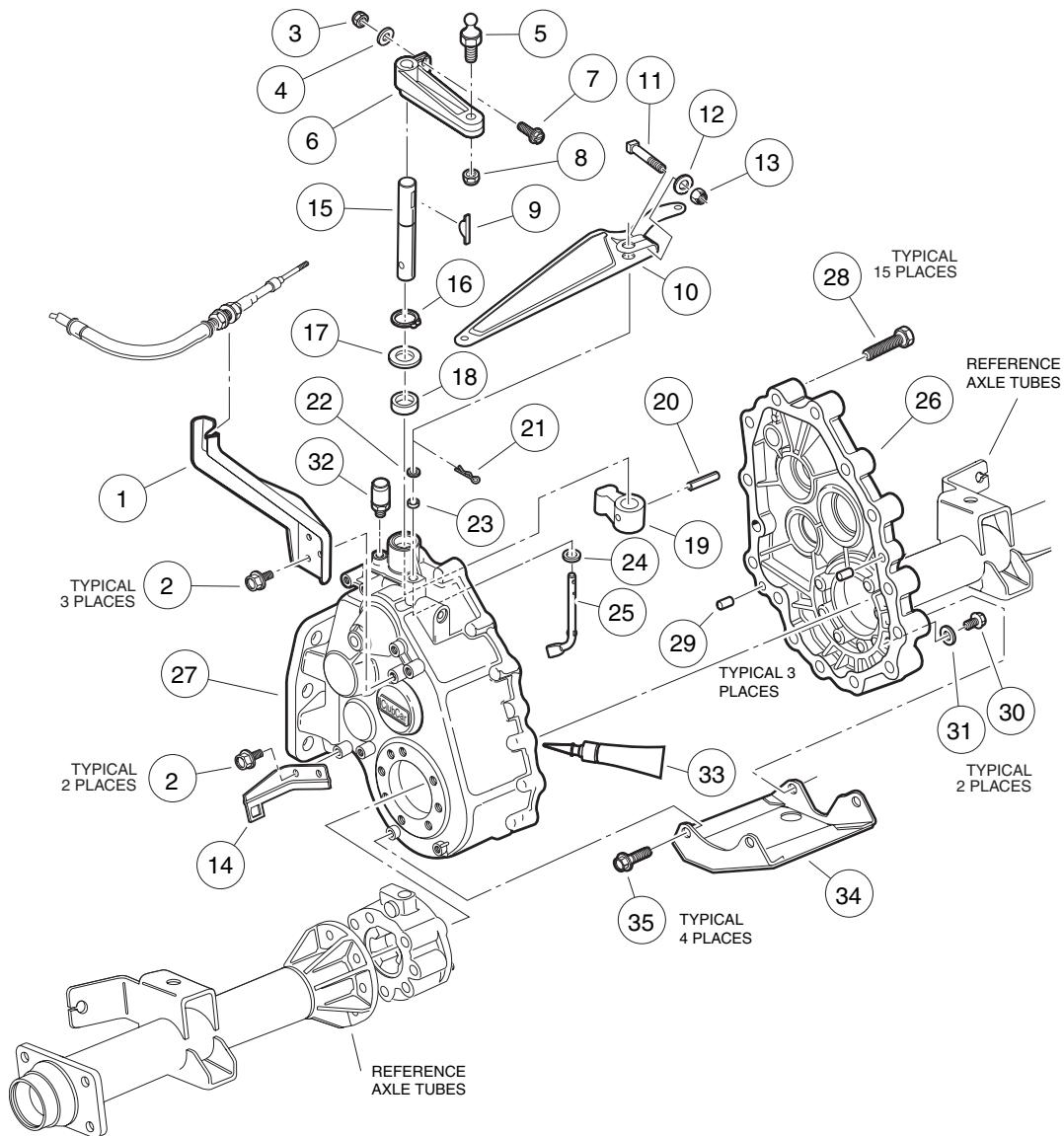


**MC012C-AS00 PRIOR TO SERIAL NUMBER  
MC012C3J0001 – DIFFERENTIAL LOCK AND AXLES**

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
80	<u>102274101</u>	Cap, Rubber Center .....	2
81	<u>102276001</u>	Cap, Locking .....	2
82	<u>101838801</u>	Pin, Cotter .....	2
83	<u>102269201</u>	Nut, Axle Flange Retaining .....	2
84	<u>102269301</u>	Washer, Flat .....	2
85	<u>102269101</u>	Hub (includes item 86) .....	2
86	<u>1013787</u>	Stud, Lug .....	4
87	<u>1013792</u>	Ring, Retaining .....	2
88	<u>1011291</u>	Bearing, Outer Axle Tube .....	2
89	<u>102269401</u>	Seal, Oil .....	2
90	<u>102269001</u>	Assembly, Axle, Driver-Side .....	1
91	<u>102268901</u>	Assembly, Axle, Passenger-Side .....	1
92	<u>102268801</u>	Assembly, Axle Tube, Driver-Side .....	1
93	<u>102268701</u>	Assembly, Axle Tube, Passenger-Side .....	1
94	<u>102188701</u>	Stop, Axle .....	2
95	<u>102019601</u>	Bolt, M10 x 1.5 x 70 mm .....	8
96	<u>102031901</u>	Bolt, M10 x 1.5 x 30 mm .....	7
97	<u>102020101</u>	Housing, Differential Lock .....	1
98	<u>102020201</u>	Lever, Differential Lock .....	1
99	<u>102020301</u>	O-Ring, Differential Lock .....	1
100	<u>102020401</u>	Spacer, Differential Lock .....	1
101	<u>102020501</u>	Spring, Differential Lock .....	1
102	<u>102020901</u>	Arm, Differential Lock Lever .....	1
103	<u>1016686</u>	Bolt, Differential Lock Pinch .....	1
104	<u>1016547</u>	Nut, Flanged, M6 x 1 .....	1
105	<u>102022301</u>	Screw, M6 x 1 x 10 mm .....	1
106	<u>102022401</u>	Washer, M6 .....	1
107	<u>102267701</u>	Cog, Differential Lock, 15 Tooth .....	1

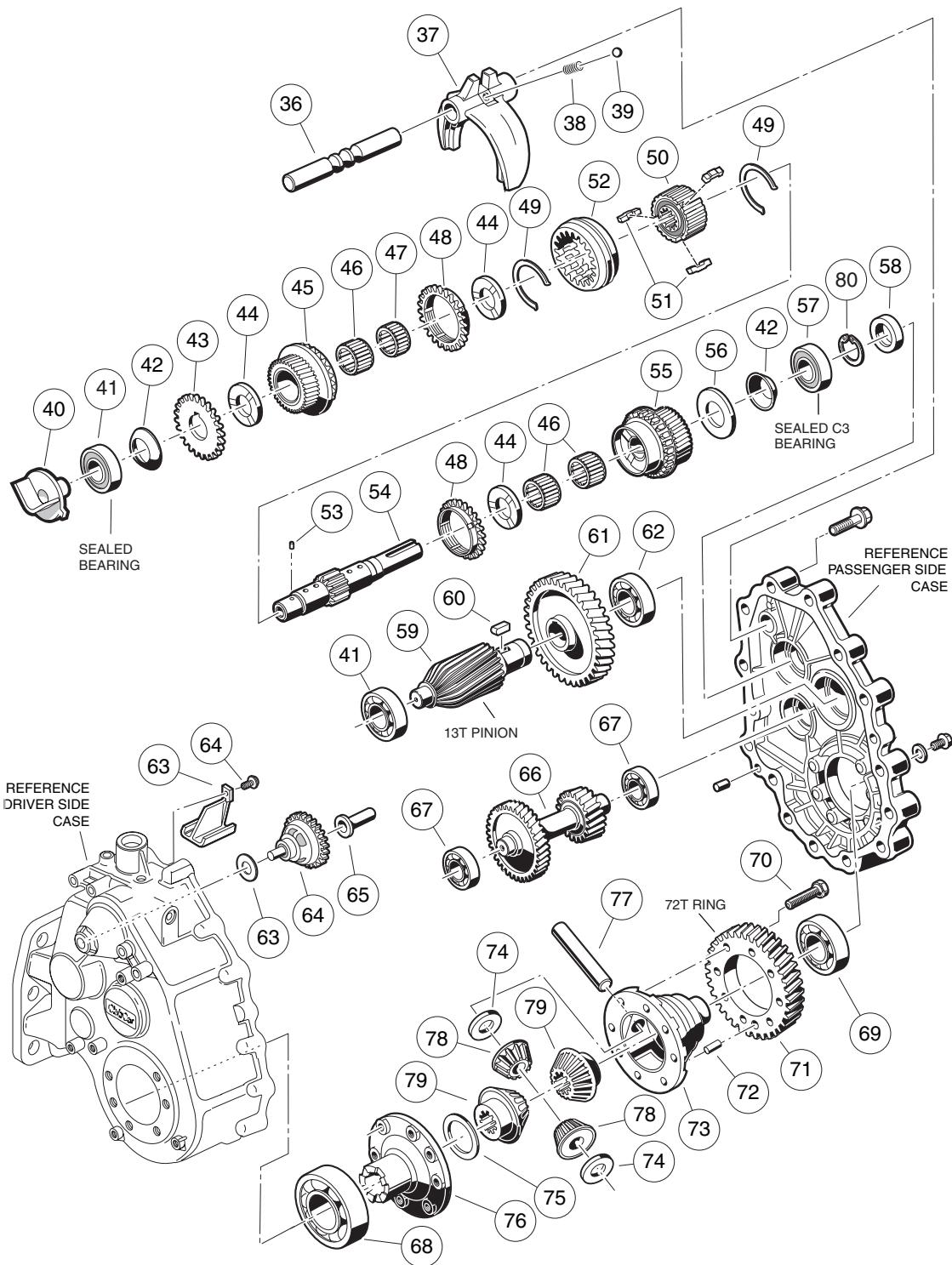
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**MC012C-BS00 BEGINNING WITH SERIAL NUMBER  
MC012C3J0001 – GEAR CASES, BRACKETS AND GUARD**

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
1	<u>102045901</u>	Bracket, Transmission Cable Support .....	1
2	<u>1012285</u>	Screw, Thread-Rolling, 1/4-20 x 5/8 .....	5
3	<u>1013061</u>	Nut, Nylon Lock, #10-32 .....	1
4	<u>183</u>	Washer, Flat, Type A, #10 .....	1
5	<u>1010954</u>	Stud, Ball, 1/4-28 x 9/16 .....	1
6	<u>1016341</u>	Lever, Transmission Shifter .....	1
7	<u>1017082</u>	Screw, Hex Washer-Head, #10-32 x 3/4 .....	1
8	<u>8717</u>	Nut, Nylon Lock, 1/4-28 .....	1
9	<u>1017231</u>	Key, Woodruff, Type T .....	1
10	<u>101834801</u>	Arm, Governor Lever .....	1
11	<u>101886101</u>	Screw, Square-Head, 1/4-20 x 1 .....	1
12	<u>1014007</u>	Washer, Type B, 1/4 .....	1
13	<u>8233</u>	Nut, Nylon Lock, 1/4-20 .....	1
14	<u>102018701</u>	Bracket, Differential Lock .....	1
	<u>102457401</u>	Transaxle, Unitized (includes items 15 - 108) .....	1
15	<u>101890201</u>	Shaft, Shifter .....	1
16	<u>101927301</u>	Ring, Snap .....	1
17	<u>101892901</u>	Washer, Flat .....	1
18	<u>101927201</u>	Seal, Oil .....	1
19	<u>101890101</u>	Lever, Shifter .....	1
20	<u>1012752</u>	Pin, Roll .....	1
21	<u>101928601</u>	Pin, Cotter .....	1
22	<u>1016513</u>	Washer, Flat .....	1
23	<u>101927101</u>	Seal, Oil .....	1
24	<u>101893801</u>	Washer .....	1
25	<u>101891301</u>	Arm, Pivot .....	1
26	<u>102018501</u>	Gear Case (passenger side) .....	1
27	<u>102018601</u>	Gear Case (driver side) .....	1
28	<u>101926901</u>	Bolt, Flanged, M8 x 1.25 x 40 mm .....	15
29	<u>1012896</u>	Pin, Dowel (see also page 12-6) .....	3
30	<u>1016576</u>	Plug, Drain .....	2
31	<u>102267601</u>	Gasket .....	2
32	<u>1012711</u>	Breather .....	1
33	<u>101928701</u>	Gasket, Liquid, 8.8 oz. (250 grams) .....	A/R
34	<u>102031501</u>	Guard, Unitized Transaxle .....	1
35	<u>102268601</u>	Bolt, M8 x 1.25 x 20 mm .....	4



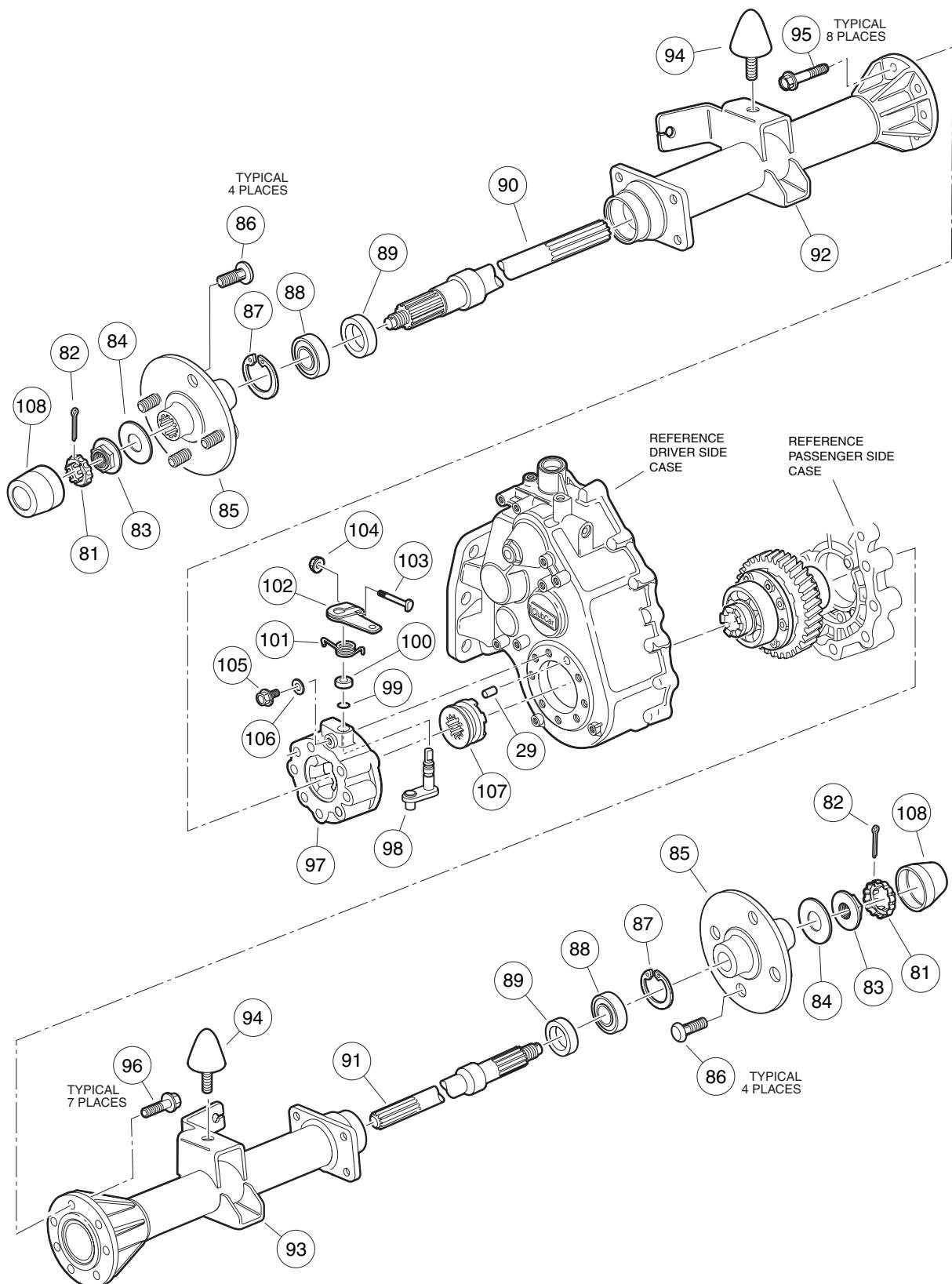
Parts identification for transaxes beginning with serial number MC012C3J0001

**MC012C-BS00 BEGINNING WITH SERIAL NUMBER  
MC012C3J0001 – F&R TRANSMISSION AND GEAR**

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
36	101892001	Rod, Shift .....	1
37	101890001	Fork, Shift .....	1
38	1012748	Spring .....	1
39	1012747	Ball, Steel .....	1
40	101889401	Guide .....	1
41	AM10080	Bearing, Sealed, Ball .....	2
42	1016338	Washer, Spring .....	2
43	101892401	Gear, Spur .....	1
44	101892201	Plate, Thrust .....	3
45	102018801	Gear, Input, 25 Tooth (16°) .....	1
46	101927601	Bearing, Needle .....	3
47	101927501	Bearing, Needle .....	1
48	101981001	Ring, Synchronizer (16°) .....	2
49	1012741	Spring, Synchronizer .....	2
50	101928001	Hub, Synchronizer Clutch .....	1
51	1012740	Insert, Synchronizer .....	3
52	101927901	Sleeve, Synchronizer .....	1
53	101927701	Pin, Dowel .....	1
54	102453001	Shaft, Input, w/Circlip Groove .....	1
55	101980801	Gear, Input, 25 Tooth (16°) .....	1
56	1016337	Washer, Thrust .....	1
57	AM10081	Bearing, C-3 Sealed, Ball .....	1
58	1012714	Seal, Oil, Input Shaft .....	1
59	102452501	Gear, 13 Tooth .....	1
60	101893201	Key .....	1
61	102018901	Gear, 70 Tooth .....	1
62	102268401	Bearing, Ball .....	1
63	101893901	Washer .....	1
64	101892301	Governor .....	1
65	101891601	Sleeve .....	1
66	102019001	Gear, Cluster Idler .....	1
67	7335	Bearing, Ball .....	2
68	102032001	Bearing, Inner Axle Tube, Driver-Side .....	1
69	7330	Bearing, Inner Axle Tube, Passenger-Side .....	1
70	101928301	Bolt, M8 x 1.25 x 37 mm .....	8
71	102452401	Gear, Output, 72 Tooth .....	1
72	102031701	Pin, Dowel .....	1
73	102453201	Case, Gear Carrier .....	1
74	1013774	Plate, Thrust (idler gear) .....	2
75	102268101	Plate, Thrust (differential gear) .....	1
76	102267801	Cover, Gear Case .....	1
77	1013772	Pin, Differential .....	1
78	1013770	Gear, Differential Idler .....	2
79	102268001	Gear, Differential, 16 Tooth .....	2
80	102453101	Circlip, Input Shaft.....	1

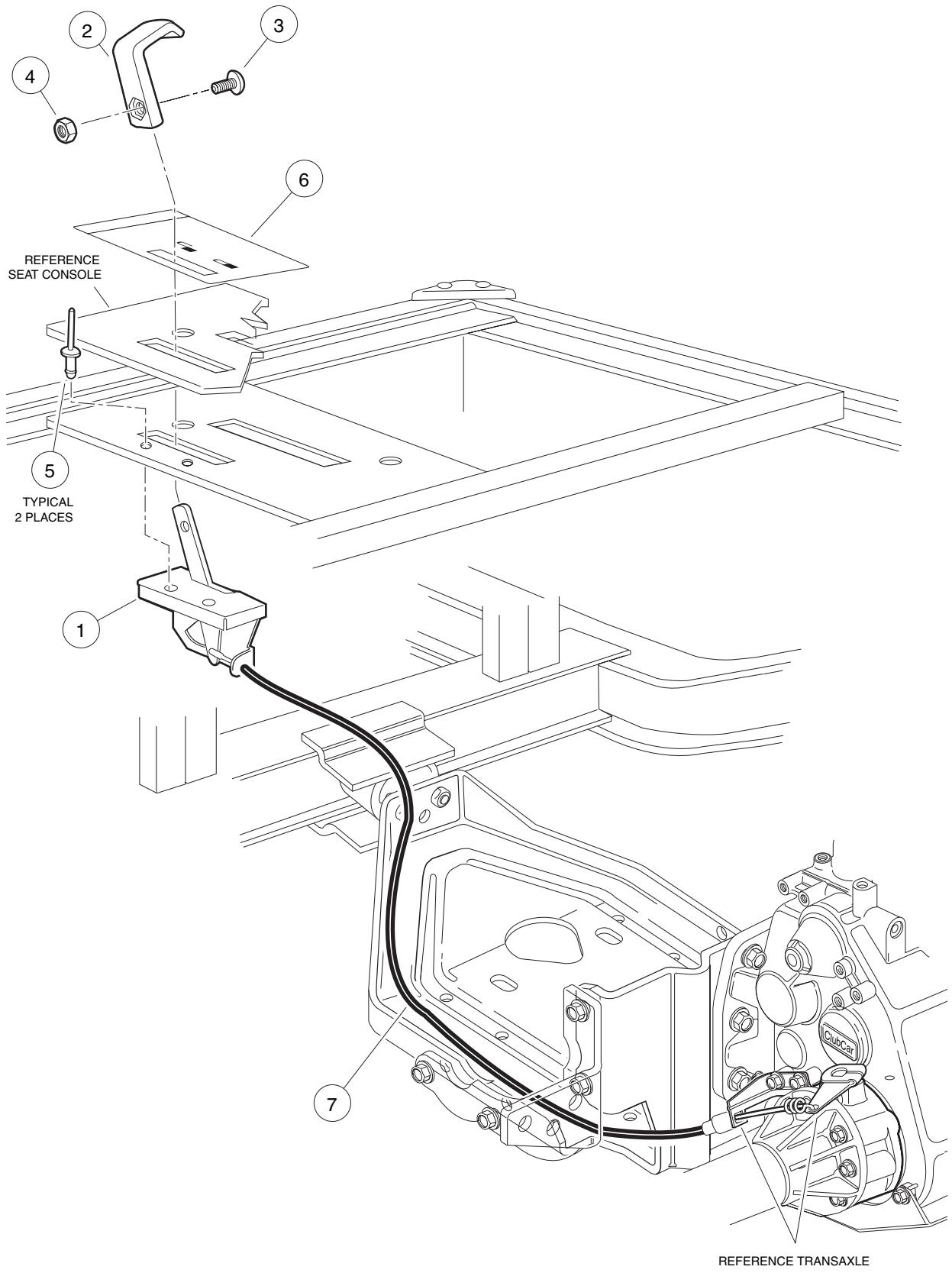
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**MC012C-BS00 BEGINNING WITH SERIAL NUMBER  
MC012C3J0001 – DIFFERENTIAL LOCK AND AXLES**

ITEM	PART NO.	DESCRIPTION	QTY
		1 2 3 4	
81	<u>102276001</u>	Cap, Locking .....	2
82	<u>101838801</u>	Pin, Cotter .....	2
83	<u>102269201</u>	Nut, Axle Flange Retaining .....	2
84	<u>102269301</u>	Washer, Flat .....	2
85	<u>102269101</u>	Hub (includes item 86) .....	2
86	<u>1013787</u>	Stud, Lug .....	4
87	<u>1013792</u>	Ring, Retaining .....	2
88	<u>1011291</u>	Bearing, Outer Axle Tube .....	2
89	<u>102269401</u>	Seal, Oil .....	2
90	<u>102269001</u>	Assembly, Axle, Driver-Side .....	1
91	<u>102268901</u>	Assembly, Axle, Passenger-Side .....	1
92	<u>102452701</u>	Assembly, Axle Tube, Driver-Side (LH).....	1
93	<u>102452601</u>	Assembly, Axle Tube, Passenger-Side (RH) .....	1
94	<u>102188701</u>	Stop, Axle .....	2
95	<u>102019601</u>	Bolt, M10 x 1.5 x 70 mm .....	8
96	<u>102031901</u>	Bolt, M10 x 1.5 x 30 mm .....	7
97	<u>102020101</u>	Housing, Differential Lock .....	1
98	<u>102020201</u>	Lever, Differential Lock .....	1
99	<u>102020301</u>	O-Ring, Differential Lock .....	1
100	<u>102020401</u>	Spacer, Differential Lock .....	1
101	<u>102020501</u>	Spring, Differential Lock .....	1
102	<u>102020901</u>	Arm, Differential Lock Lever .....	1
103	<u>1016686</u>	Bolt, Differential Lock Pinch .....	1
104	<u>1016547</u>	Nut, Flanged, M6 x 1 .....	1
105	<u>102022301</u>	Screw, M6 x 1 x 10 mm .....	1
106	<u>102022401</u>	Washer, M6 .....	1
107	<u>102267701</u>	Cog, Differential Lock, 15 Tooth .....	1
108	<u>102274101</u>	Cap, Rubber Center.....	2

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# UNITIZED TRANSAXLE – DIFFERENTIAL LOCK CABLE ASSEMBLY AND SHIFTER

ITEM	PART NO.	DESCRIPTION	QTY	
		1 2 3 4		12
1	<u>102025101</u>	Control, Differential Lock .....	1	G
2	<u>102022201</u>	Handle, Differential Lock .....	1	
3	<u>1011017</u>	Bolt, Hex Washer-Head, #8-32 x 3/8 .....	1	
4	<u>1011571</u>	Nut, Hex, #8-32 .....	1	
5	<u>101880901</u>	Rivet, Pop .....	2	
6	<u>102046601</u>	Decal, Differential Lock Control Warning .....	1	
7	<u>102031201</u>	Cable, Differential Lock (Turf 272 and Carryall 272) .....	1	
7	<u>102316701</u>	Cable, Differential Lock (Carryall 472) .....	1	

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# MAINTENANCE AND SERVICE TOOLS

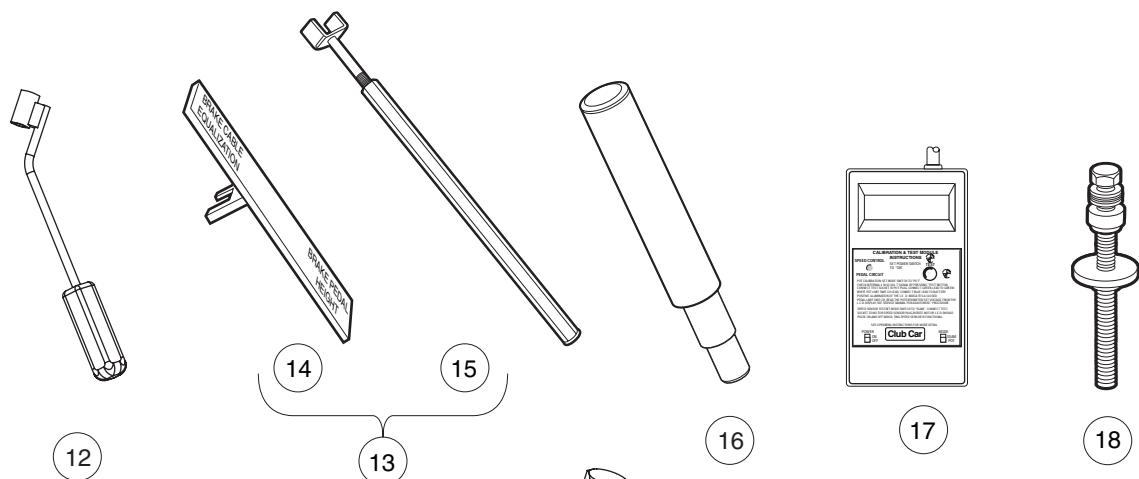
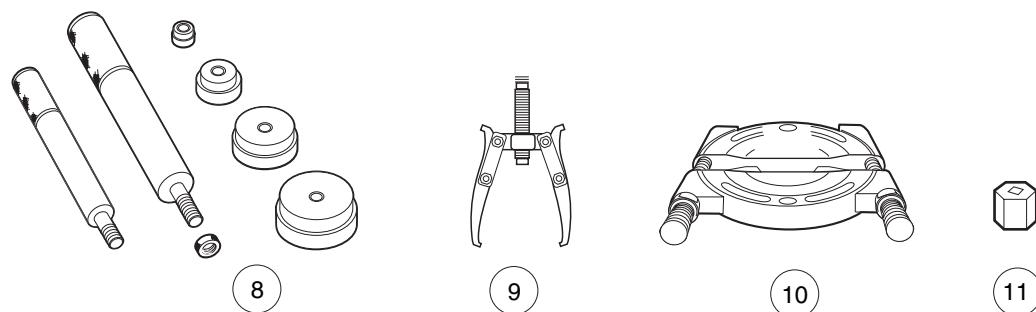
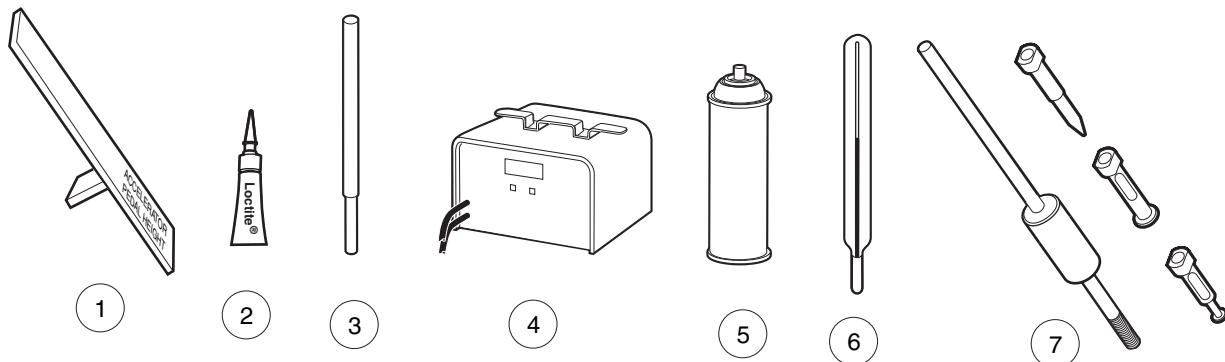
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# MAINTENANCE AND SERVICE TOOLS

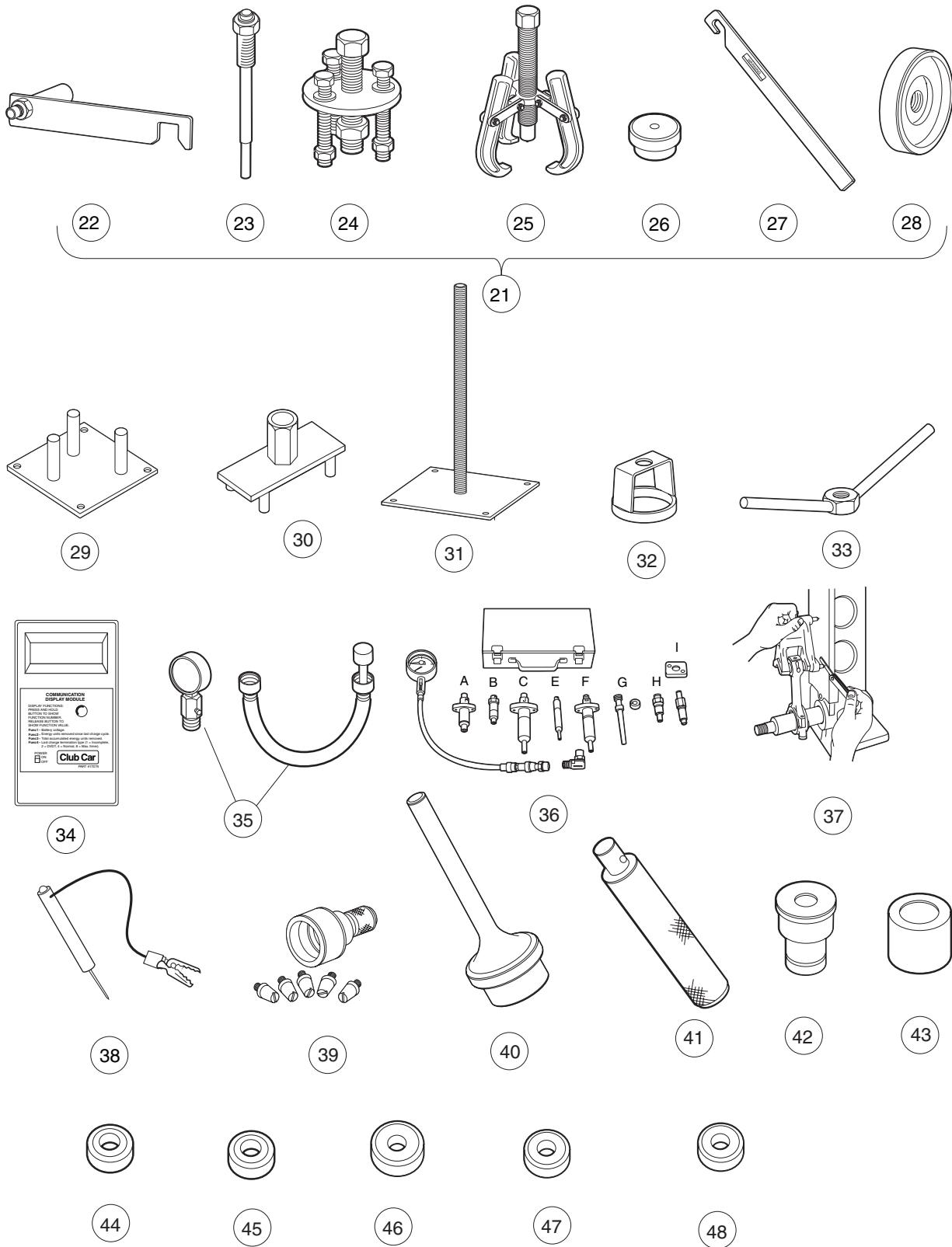
ITEM	PART NO.	DESCRIPTION	QTY DIESEL	QTY GAS	QTY ELEC
		<p>1 2 3 4</p> <p>The following tool list includes all tools available from Club Car for maintenance and service procedures for gasoline, electric, and/or diesel vehicles, both past and present models. Be sure to carefully examine the tool list for applicability to your vehicle before ordering.</p>			
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	1013582	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	102249901	Brake Pedal Adjustment Tool Kit (used for the Carryall Electric Industrial Truck only) (includes items 14 and 15).....			1
14	****	Brake Pedal Adjustment Tool .....			1
15	****	Brake Pedal Tension Tool .....			1
16	102669601	Connecting Rod Small End Bushing Tool (for Kubota D722 Diesel Engines) .....	1		
17	<u>101887101</u>	Calibration Test Module .....			1
18	<u>101808401</u>	Cam Installation Tool .....		1	
19	<u>102562401</u>	Charger Bezel Tool .....			1
20	<u>102686101</u>	Clutch Removal Tool (for XRT 1500, Carryall 294, and Bobcat 2200 Vehicles) .....	1	1	
		<p>Please refer to the maintenance and service manual for proper tool application.</p> <p>**** Special order item available upon request</p>			

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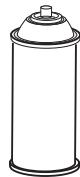
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# MAINTENANCE AND SERVICE TOOLS, CONTINUED

ITEM	PART NO.	DESCRIPTION	QTY DIESEL	QTY GAS	QTY ELEC	
		1 2 3 4				<b>13</b>
21	<u>1014510</u>	Clutch Tool Kit (includes items 22 - 28) .....		1		<b>G</b>
22	<u>1014498</u>	Clutch Alignment Tool (for pre-unitized transaxle vehicles built prior to 1997 model year) .....		1		<b>E</b>
23	<u>1014496</u>	Drive Clutch Puller (for Kawasaki engines only) .....		1		<b>D</b>
24	<u>1014497</u>	Drive Clutch Hub Puller (for Kawasaki engines only) .....		1		
25	<u>1014508</u>	Driven Clutch Cam Puller (for Kawasaki engines only) .....		1		
26	<u>1014507</u>	Driven Clutch Puller Plug (for Kawasaki engines only) .....		1		
27	<u>1015524</u>	Drive Clutch Holder Tool Assembly (for Kawasaki engines only) .....		1		
28	<u>101809101</u>	Press Weldment (for Kawasaki engines only) .....		1		
29	<u>102601501</u>	Clutch, Drive, Fixed Sheave Tool (for XRT 1500, Carryall 294, and Bobcat 2200 Vehicles) .....	1	1		
30	<u>102607501</u>	Clutch, Drive, Spider Removal Tool (for XRT 1500, Carryall 294, and Bobcat 2200 Vehicles) .....	1	1		
31	<u>102603501</u>	Clutch, Driven, Spring Compression Base (for use with items 32 and 33) (for XRT 1500, Carryall 294, and Bobcat 2200 Vehicles) ...	1	1		
32	<u>102605201</u>	Clutch, Driven, Spring Compression Collar (for use with items 31 and 33) (for XRT 1500, Carryall 294, and Bobcat 2200 Vehicles) ...	1	1		
33	<u>102606101</u>	Clutch, Driven, Spring Compression Nut (for use with items 31 and 32) (for XRT 1500, Carryall 294, and Bobcat 2200 Vehicles) ...	1	1		
34	101831801	Communication Display Module .....			1	
35	101641002	Compression Gauge and Adapter .....		1		
36	<u>102669001</u>	Compression Tester (for Kubota D722 Diesel Engines).....	1			
37	<u>102669201</u>	Connecting Rod Alignment Tool (for Kubota D722 Diesel Engines)	1			
38	1011273	Continuity Tester .....		1	1	
39	102668901	Crank Sleeve Setter (for Kubota D722 Diesel Engines) .....	1			
40	102669501	Crankshaft Bearing Replacement Tool (for Kubota D722 Diesel Engines) .....	1			
41	102674001	Crankshaft Main Bearing Driver (for use with items 42 and 43) (for Honda GX620 Gasoline Engines) .....		1		
42	102674101	Crankshaft Main Bearing Driver Attachment (for use with Honda GX620 Gasoline Engines)		1		
43	102674201	Crankshaft Main Bearing Pilot Attachment (for Honda GX620 Gasoline Engines) .....		1		
44	102675201	Cutter, Valve Seat Exhaust, 32 Degree (requires item 59) (for Honda GX620 Gasoline Engines) .....		1		
45	102675301	Cutter, Valve Seat Intake, 32 Degree (requires item 59) (for Honda GX620 Gasoline Engines) .....		1		
46	102675401	Cutter, Valve Seat, 60 Degree (requires item 59) (for Honda GX620 Gasoline Engines) .....		1		
47	102675001	Cutter, Valve Seat, Exhaust, 45 Degree (requires item 59) (for Honda GX620 Gasoline Engines) .....		1		
48	102675101	Cutter, Valve Seat, Intake, 45 Degree (requires item 59) (for Honda GX620 Gasoline Engines) .....		1		
		Please refer to the maintenance and service manual for proper tool application.				

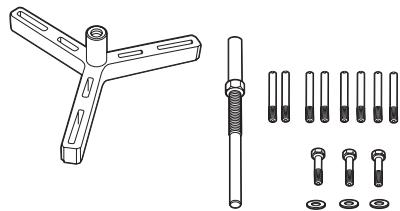
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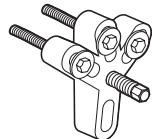
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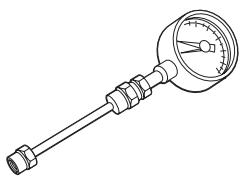
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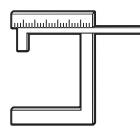
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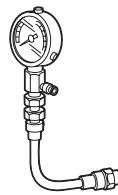
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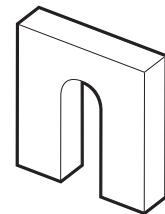
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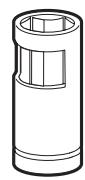


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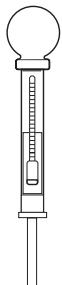


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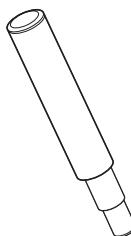
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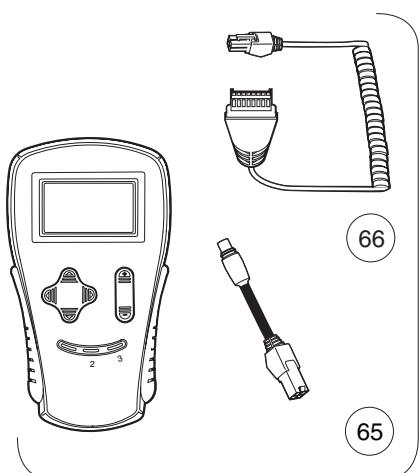
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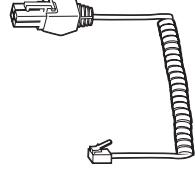
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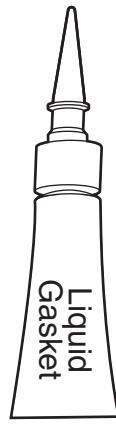
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# MAINTENANCE AND SERVICE TOOLS, CONTINUED

ITEM	PART NO.	DESCRIPTION	QTY DIESEL	QTY GAS	QTY ELEC	
		1 2 3 4				<b>13</b>
49	<u>1012151</u>	Dry Moly Lubricant .....	1	1	1	<b>G</b>
50	102674501	Flywheel Clutch Holder (for Honda GX620 Gasoline Engines) .....		1		<b>E</b>
51	102668601	Flywheel Puller (for Kubota D722 Diesel Engines) .....	1			<b>D</b>
52	<u>1016627</u>	Flywheel Puller Kit (for Kawasaki Engines) .....			1	
53	102669801	Fuel Injection Pump Pressure Tester (for Kubota D722 Diesel Engines) .....	1			
54	<u>102669901</u>	Gauge, Carburetor Float Level (for Honda GX620 Gasoline Engines) .....		1		
55	102674701	Gauge, Oil Pressure (for Honda GX620 Gasoline Engines) .....		1		
56	102670001	Gauge, Oil Pressure, Attachment (for Honda GX620 Engines) .....		1		
57	<u>1016418</u>	Gear Yoke .....	1	1	1	
58	<u>101933101</u>	Governor Shaft Installation Tool (for Kawasaki Engine Vehicles) ...		1		
59	102674901	Holder, Valve Seat Cutter (for use with items 44 through 48) (for Honda GX620 Gasoline Engines) .....		1		
60	102169401	Hydraulic Brake Adjuster (for gasoline vehicles equipped with hydraulic brakes, except XRT 1500, Carryall 294, and Bobcat 2200) .....		1		
61	<u>1011478</u>	Hydrometer .....	1	1	1	
62	102669701	Idle Gear Bushing Replacement Tool (for Kubota D722 Diesel Engines) .....	1			
63	<u>1013593</u>	Internal Retaining Ring Pliers .....	1	1	1	
64	<u>102248803</u>	IQ Display Module (IQDM) Kit (for IQ System vehicles only) .....			1	
		(includes items 65 and 66)				
65	<u>102251501</u>	Adaptor, Cable .....			1	
66	<u>102241502</u>	IQDM Series 2 Cable .....			1	
67	<u>102241501</u>	IQDM Series 1 Cable (replacement) .....			1	
68	<u>101928701</u>	Liquid Gasket (transaxle case) .....	1	1	1	
69	<u>102243402</u>	Moly-Teflon Lubricant (4-oz. (113-gram) tube) .....			1	
<p>Please refer to the maintenance and service manual for proper tool application.</p>						

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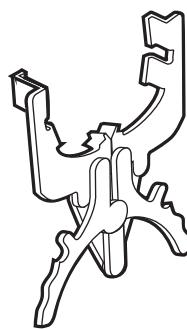
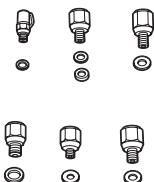
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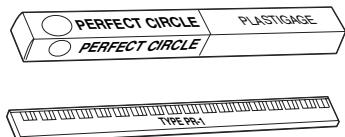


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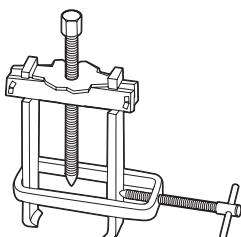


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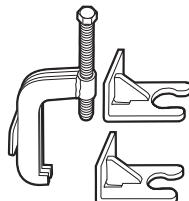
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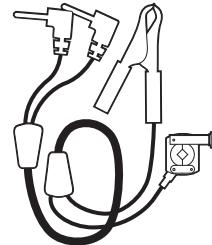
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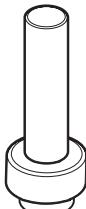
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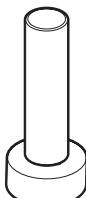
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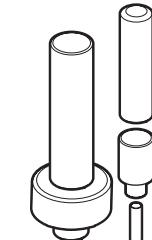
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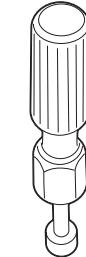
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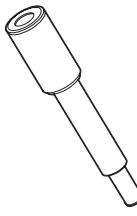
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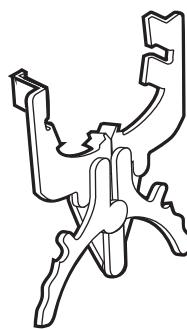
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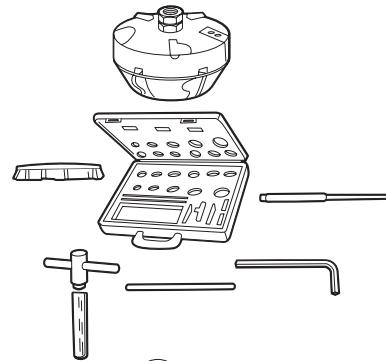
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# MAINTENANCE AND SERVICE TOOLS, CONTINUED

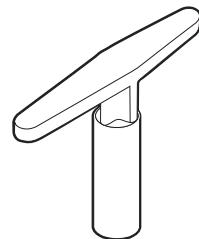
ITEM	PART NO.	DESCRIPTION	QTY DIESEL	QTY GAS	QTY ELEC	
		1 2 3 4				<b>13</b>
70	<u>102669101</u>	Oil Pressure Tester (for Kubota D722 Diesel Engines) .....	1			<b>G</b>
71	<u>101997201</u>	Paint, Touch-Up – Beige* .....		1	1	
71	<u>101997207</u>	Paint, Touch-Up – Black* .....		1	1	
71	<u>101997212</u>	Paint, Touch-Up – Burgundy* .....		1	1	
71	<u>101997211</u>	Paint, Touch-Up – Classic Blue (Navy)* .....		1	1	
71	<u>101997205</u>	Paint, Touch-Up – Dark Gray* .....	1	1	1	
71	<u>101997209</u>	Paint, Touch-Up – Dark Green* .....	1	1	1	
71	<u>101997204</u>	Paint, Touch-Up – Gray* .....	1	1	1	
71	<u>101997203</u>	Paint, Touch-Up – Red* .....	1	1	1	
71	<u>101997206</u>	Paint, Touch-Up – Royal Blue (Pacific Blue)* .....		1	1	
71	<u>101997202</u>	Paint, Touch-Up – White* .....	1	1	1	
72	<u>1016414</u>	Piston Ring Compressor Kit (FE290, FE350 and FE400 engines) .		1		
73	<u>1016415</u>	Piston Ring Pliers (for Kawasaki Engines) .....		1		
74	<u>102669301</u>	Plastigage (for Kubota D722 Diesel Engines) .....	1			
75	<u>102668801</u>	Puller, Special Use (for Kubota D722 Diesel Engines) .....	1			
76	<u>1012549</u>	Retaining Ring Pliers, 45° External .....	1	1	1	
77	<u>1012560</u>	Retaining Ring Pliers, 90° Internal .....	1	1	1	
78	<u>101823101</u>	Safety First Card (50 per pack) .....	1	1	1	
79	<u>1012809</u>	Seal Puller .....	1	1	1	
80	<u>102330901</u>	Spanner Wrench (for coil over shock front suspension vehicles only) .....	1	1		
81	<u>1014264</u>	Steering Column Bearing Press Tool .....		1	1	
82	<u>1014259</u>	Steering Column Retaining Ring Tool .....		1	1	
83	<u>102061201</u>	Steering Wheel Puller Tool .....	1	1	1	
84	<u>AM10753</u>	Tachometer (includes gasoline engine pick up lead only) .....	1	1		
85	<u>AM10771</u>	Tachometer Diesel Probe (for use with item 84) .....	1			
86	<u>1014162</u>	Transaxle Axle Seal Tool .....		1		
87	<u>1014161</u>	Transaxle Pinion Seal Tool .....		1		
88	<u>1014115</u>	Transmission Tool Kit .....		1		
89	<u>101611003</u>	Tune-Up Kit, All OHV (for Kawasaki Engines) (includes air filter, spark plug, oil filter, fuel filters) (not shown) .....		1		
90	<u>1016413</u>	Valve Clearance Adjuster Screw Holder (for FE290 engines only) .		1		
91	<u>102674601</u>	Valve Guide Driver (for Honda GX620 Gasoline Engines) .....		1		
92	<u>101641201</u>	Valve Guide Reamer (FE290, FE350, and FE400 only) .....		1		
93	<u>102674401</u>	Valve Guide Reamer, 6.6 mm (for Honda GX620 Gasoline Engines) .....		1		
94	<u>102669401</u>	Valve Guide Replacement Tool (for Kubota D722 Diesel Engines)	1			
		* Item 71 is not for use on Surlyn® body material which is used on Precedent vehicles.				

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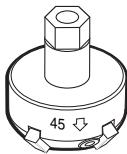
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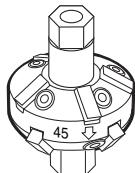
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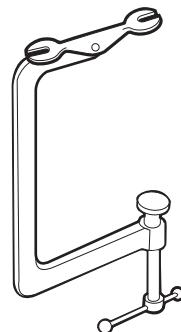
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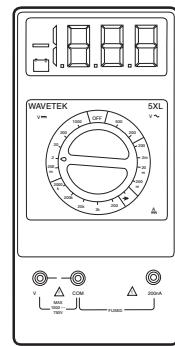
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# MAINTENANCE AND SERVICE TOOLS, CONTINUED

ITEM	PART NO.	DESCRIPTION	QTY DIESEL	QTY GAS	QTY ELEC	
		1 2 3 4				<b>13</b>
95	<u>1016552</u>	Valve Seat Cutter Guide .....		1		<b>G</b>
96	102668701	Valve Seat Cutter Set (for Kubota D722 Diesel Engines) .....	1			
97	<u>1016551</u>	Valve Seat Cutter T-Wrench .....		1		<b>E</b>
98	<u>1016553</u>	Valve Seat Cutter, 45° (32 mm diameter) (for FE290 engines only)		1		
99	<u>1016554</u>	Valve Seat Cutter, 45°/30° (35 mm diameter) .....		1		
100	<u>101641101</u>	Valve Spring Compressor .....		1		
101	1011480	Volt Ohm Meter .....	1	1	1	
102	102674801	Wrench, Valve Clearance Adjustment (for Honda GX620 Gasoline Engines) .....		1		<b>D</b>

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