



**Columbia ParCar Corp.**

# **Parts Manual**

**Payloader**

**BC2, BC3, BC4**

## **Preface**

*Welcome, and congratulations on your choice of vehicle from Columbia ParCar Corp.!* Your vehicle has been designed and manufactured to conform to applicable sections of ANSI B56.8. Your safe use and operation of your vehicle is important to us. Any alteration of your Columbia vehicle that results in the vehicle being in noncompliance with applicable ANSI standards is strictly prohibited. Columbia ParCar Corp. is not responsible or liable for any damage that results from any such alteration, and all warranties for any such altered vehicles are null and void.

These vehicles are not designed for over-the-road use. They do not conform to Federal Motor Vehicle Safety Standards or EPA regulations, and are not equipped for operation on public streets, roads, or highways.

To the best knowledge of Columbia ParCar Corp., the material contained herein is accurate as of the date this publication was approved for printing. Columbia ParCar Corp. is not liable for errors in this manual or for incidental or consequential damages that result from the use of the material in this manual. Columbia ParCar Corp. reserves the right to change specifications, equipment or designs at any time without notice and without incurring obligation.

This manual contains proprietary information that is protected by copyright. All rights are reserved. No part of this manual may be photocopied, reproduced, or translated to another language without the written consent of Columbia ParCar Corp. Columbia ParCar Corp. products are manufactured under one or more of the following U.S. Patents - 2986162, 2987934, 3116089, 3144631, 3144860, 3229792, 3434887, 3559773, 3673359, 3680403, 3683716, 3709317, 4648473, Des. 225626.



**Columbia ParCar Corp.**

1115 Commercial Avenue • Reedsburg, WI 53959

Phone: (608) 524-8888 • Fax: (608) 524-8380

(800) 222-4653 • Web: [www.parcars.com](http://www.parcars.com)

## INDEX

### SECTION 1 Accelerator and Brake Linkage

Pedal Accelerator.....	1-1
Parking Brake Linkage, Dana Axle .....	1-2
Brake Pedal Assembly .....	1-5
Master Cylinder & Fittings .....	1-7
Conversion Kit – Add Front Hydraulic Brakes.....	1-10
Parking Brake (IMAG) 20.1 Axle – BC-L.....	1-11
Parking Brake NKL Axle.....	1-13
Master Cylinder w/Proportioning Valve (If Equipped) .....	1-15

### SECTION 2 Steering, Front Suspension and Wheels

Front Axle, Springs & Linkage.....	2-1
Front Axle W/Brake - BC2/3/4 (Starting 1/2015) .....	2-2
Front Axle W/Brake - BC2/3/4 (Not used after 1/2015).....	2-6
Front Axle Non-Brake - BC2/3 .....	2-11
Steering Wheel & Gearbox .....	2-14
Wheels .....	2-16

### SECTION 3 Rear Axle, Brakes and Suspension

NKL Axle Attachment – BC .....	3-1
NKL Axle AC & DC Motors – BC.....	3-2
NKL Axle Assembly.....	3-4
NKL Axle Hydraulic Brakes .....	3-7
Rear Axle/Body Attachment .....	3-9
Axle 16:77 AC Drive BC2 .....	3-10
Axle 20:1, AC Drive .....	3-13
Rear Axle and Brakes - DANA .....	3-14
Rear Axle Assembly – BC2.....	3-19
Rear Axle and Brakes -BC3 .....	3-22
Rear Axle Assembly - BC3.....	3-35
Rear Axle Assemblies - BC4 & 4SC .....	3-31
Rear Axle/Brake Detail BC4 .....	3-38
Rear Axle Center - BC4 & 4SC .....	3-40

### SECTION 4 Seats, Decks and Dash

Seats, Deck, Charger Mounting.....	4-1
Delta Q Charger With Remote Led .....	4-3
2ND Seat – BC L Series.....	4-4
Seat Belt.....	4-8
Dash Panel.....	4-9
Turn Signal.....	4-10
Floor Mounted Horn Switch.....	4-10
Adjustable Seats w/Risers .....	4-11
Reflectors .....	4-12
Label Set.....	4-12
Seat Belts, 2 <sup>nd</sup> Seat.....	4-13
Supplemental Decal/Labels .....	4-14

### SECTION 5 Electrical Systems

Main Wire Harness.....	5-1
Main Wire Harness Schematic.....	5-3
Accessory Wiring Diagram.....	5-4
Accessory Wiring Schematic.....	5-6

Motor, SEP EX BC2 .....	5-7
Motor, BC3 & 4.....	5-8
Battery Hardware .....	5-9
Heater Harness and Schematic .....	5-10
Trailer Brake Controller .....	5-11
Hand Brake Interlock Switch .....	5-12
Work Light.....	5-13
Sevcon AC Harness.....	5-14
Sevcon AC Panel.....	5-16
AC Cable & Harness Routing.....	5-17
Sevcon AC Mounting .....	5-18
48V Charger w/Reel.....	5-19
Trailer Brake Harness & Schematic .....	5-20
Tilt Bed Schematic .....	5-21
DC/DC Converter Schematic .....	5-22
Ace+ Chassis Mounting .....	5-23

## **SECTION 6 Options**

Battery Watering System .....	6-1
Cab.....	6-2
Door Assemblies .....	6-3
Door Hardware .....	6-4
Cab Dome Light .....	6-5
Heater .....	6-6
Hitches .....	6-7
Combination Hitch Receiver.....	6-8
Front Towing Receiver.....	6-9
Interior Mirrors.....	6-10
Exterior Mirrors.....	6-11
Single Side Mirror.....	6-12
Strobe Lights.....	6-13
Windshield Wiper .....	6-14
Inner Rear Fender Kit.....	6-15
13" High Steel Folding Side –BC Short Bed .....	6-16
13" High Steel Folding Side –BC Long Bed .....	6-17
18" High Steel Folding Side Rails .....	6-18
Steel Folding Side –BC Second Seat .....	6-19
Second Seat Extended Folding Side Rail .....	6-20
63" Suntop, Thermoformed .....	6-22
63" Suntop, Steel White .....	6-24
Suntop Windshield .....	6-26
Suntop Strobe Light .....	6-27
Cab W/Overhead Rack .....	6-28
Suntop W/Overhead Rack .....	6-29
Bulkhead .....	6-30
12 Volt Outlet .....	6-31
Accelerator Pedal Guard.....	6-32
Tilt Bed .....	6-33
Tilt Bed Bulkhead .....	6-37
Operator Roof, Black, Powder Coated .....	6-38
Operator Roof w/Rack BC-L .....	6-40
Full Length Roof BC-L.....	6-43
Full Length Roof w/Rack BC-L.....	6-46
Roof Panel Amber Strobe .....	6-49
Tool Rack .....	6-50

**Note:**

Starting in February of 2015, Columbia started implementing the use of textured black paint instead of satin black on certain accessories. When ordering black coated parts it may be necessary to state if they have the satin finish or the textured finish.

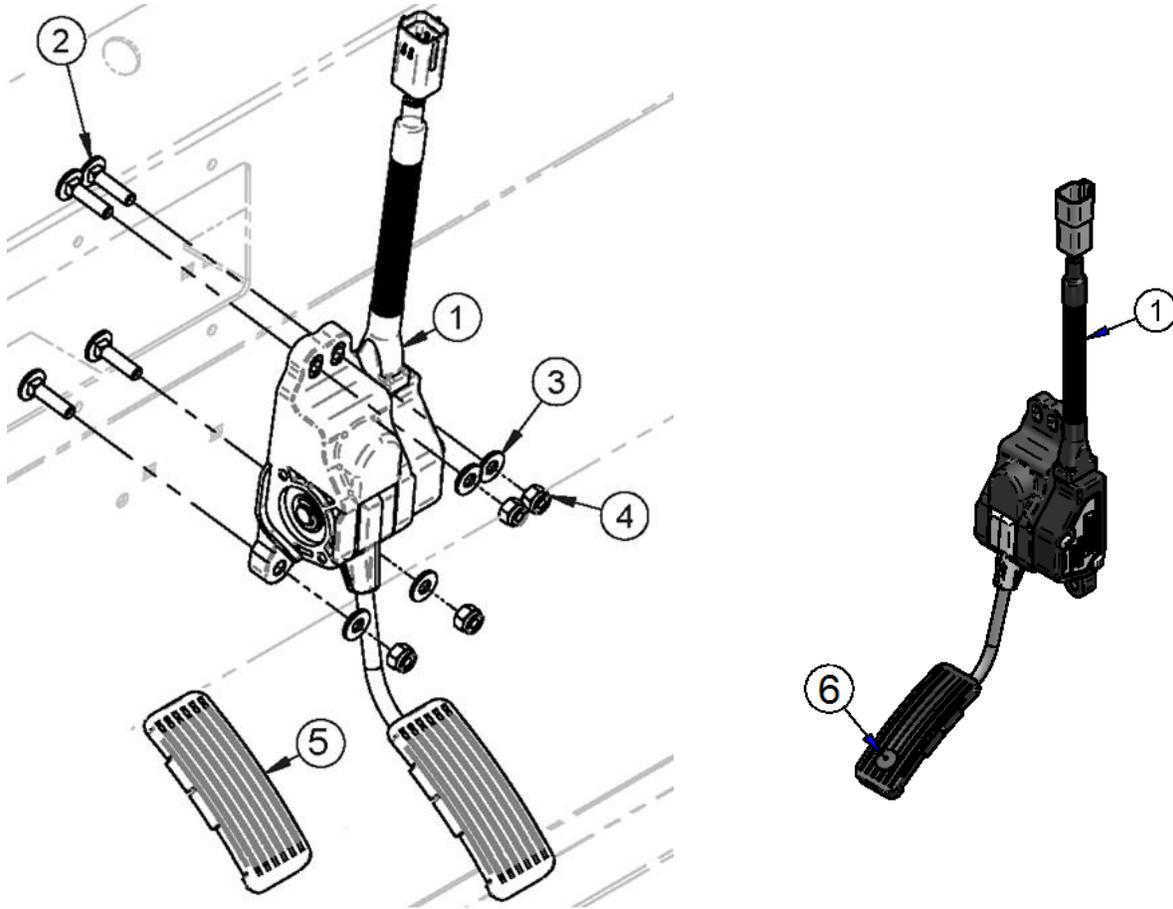
<b>CHANGE HISTORY - BC</b>		
<b>DATE</b>	<b>DESCRIPTION</b>	<b>BY</b>
3/15/11	Issued	TS
9/9/14	Added instructions for trailer brake controller	TS
9/29/14	Added Supplemental Decal/Labels	TS
10/6/14	Added washer to steering box.	TS
10/22/14	Added DC/DC Converter	TS
10/30/14	Changed note on attachment of front leaf spring bracket.	TS
12/9/14	Added oil seal and dust cover kit hydraulic brakes	TS
12/16/14	Added Ace+ Chassis Mounting	TS
12/30/14	Changes to overheads	TS
1/15/15	Added new front axle w/brakes	TS
1/20/15	Changed heater information	TS
3/3/15	Added note about the black finish changing	TS

# **Burden Carrier Parts Manual**

## **Section 1**

### **Accelerator and Brake Linkage**

## PEDAL ACCELERATOR - BC

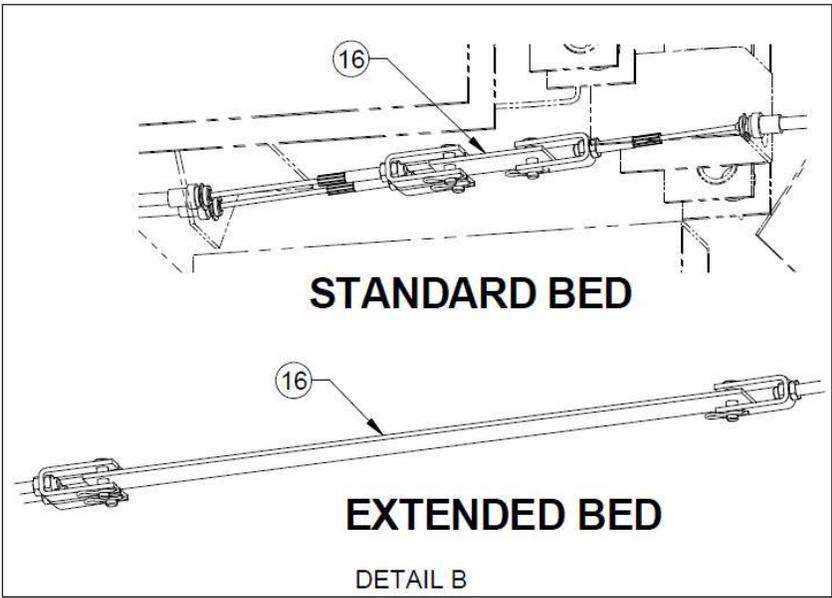
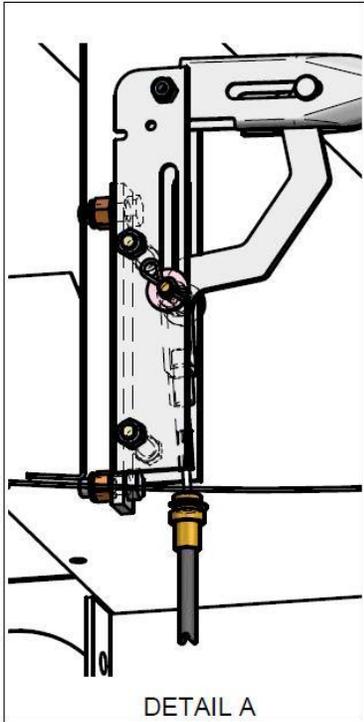
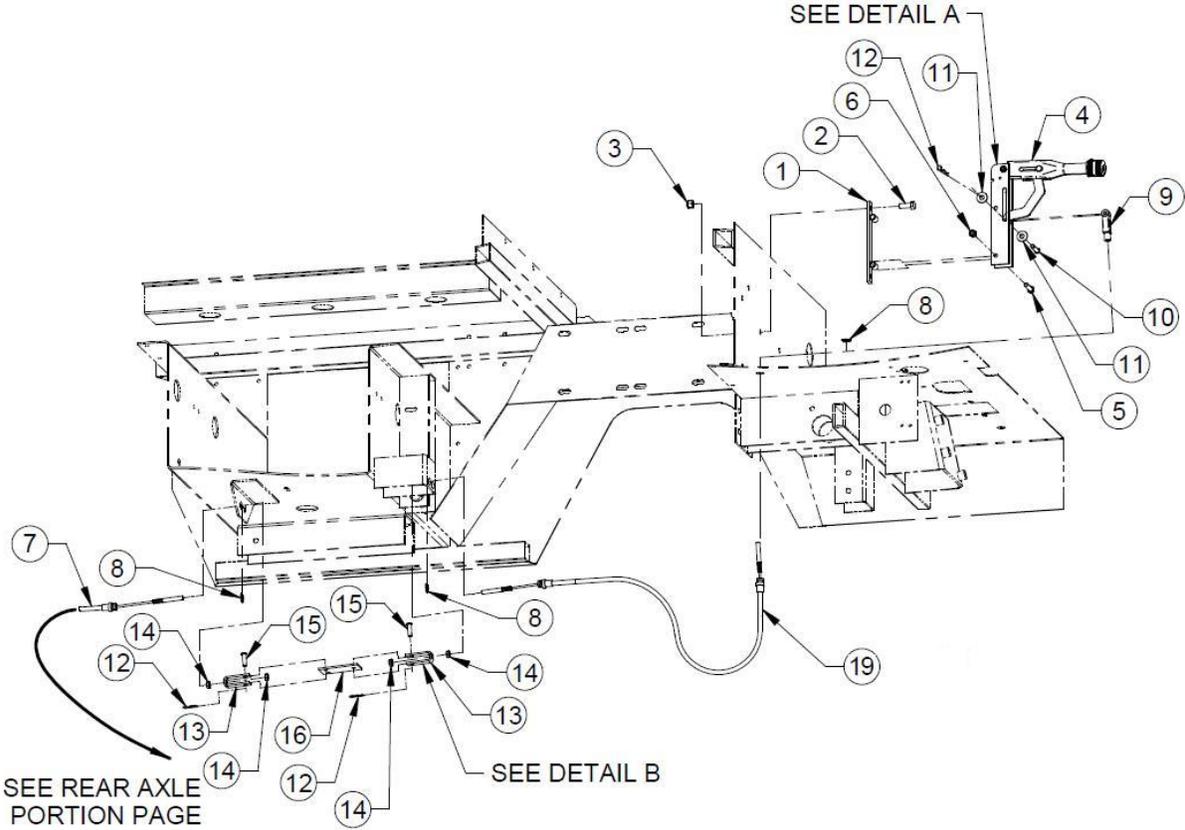


ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	40610-10	PEDAL ASSY, ACCELERATOR & HARNESS	1	760635
2	5490	BOLT, 1/4-20X1 CARR	4	759116
3	6703-B	WASHER 1/4	4	719811
4	7686	NUT, 1/4 NYLOCK	4	719879
5	40891-12	PEDAL PAD REPLACEMENT (Recommend gluing in place	1	760784
6	8486	RIVET, #66, 3/16, AL, BLIND (See Note)	1	719941

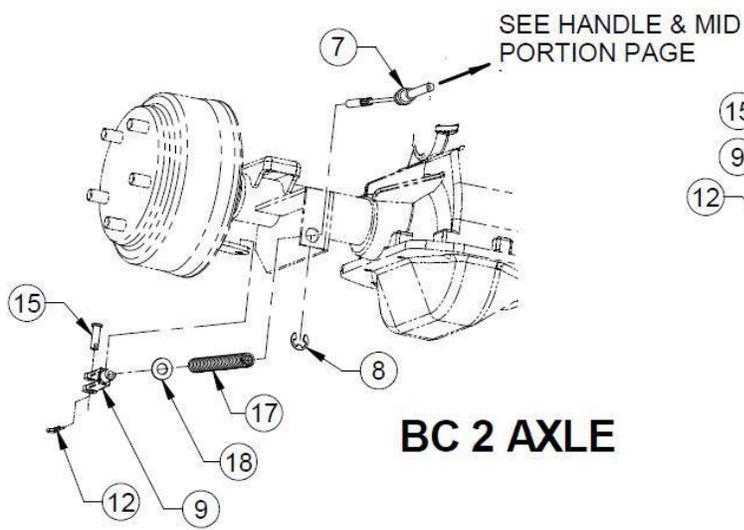
\* SPECIAL ORDER

NOTE: To secure pedal pad.

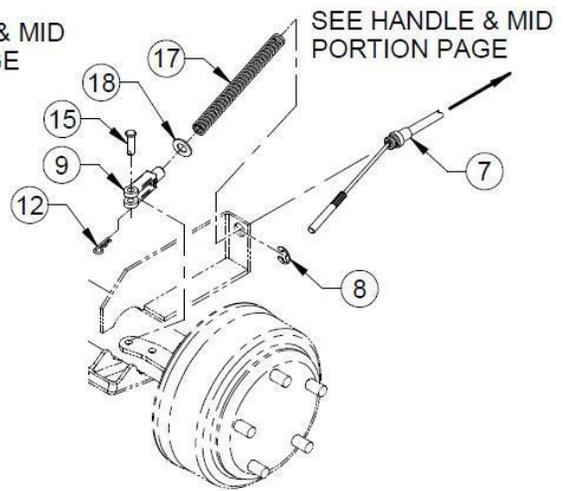
**PARKING BRAKE LINKAGE, DANA AXLE- BC  
Handle & Mid Portion**



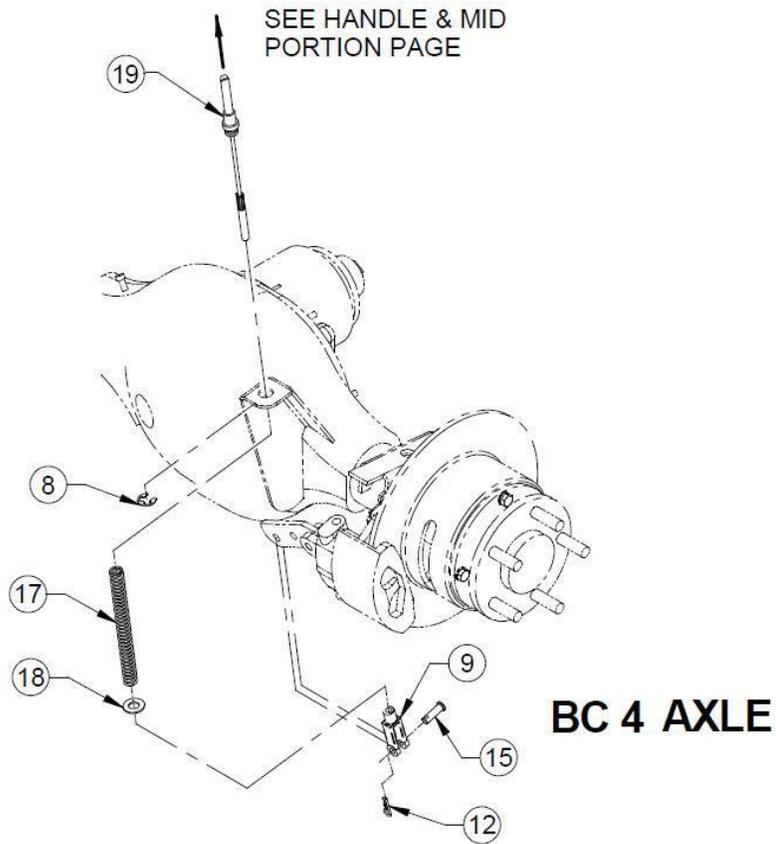
**PARKING BRAKE LINKAGE, DANA AXLE - BC (Cont.)  
Rear Portion**



**BC 2 AXLE**



**BC 3 AXLE**



**BC 4 AXLE**

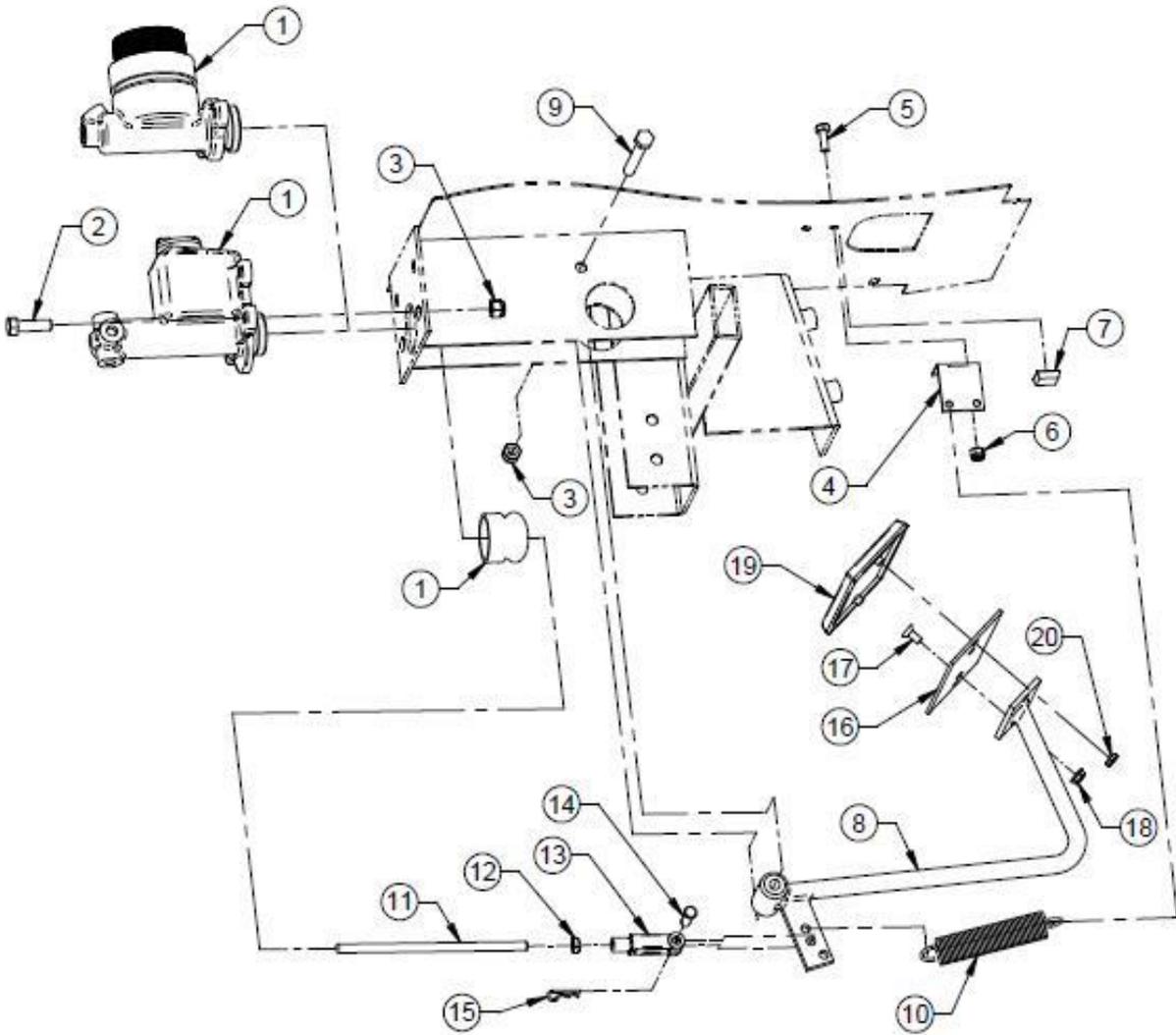
**PARKING BRAKE LINKAGE, DANA AXLE – BC (Cont.)**

ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	41231-00	HAND BRAKE MOUNTING BRACKET	1	306105
2	2879-W	SCREW, 3/8-16 X 1, HHCS, GRD 5	2	707195
3	7778	NUT, 3/8-16, NYLOC	2	719902
4	41213-00	PARKING HAND BRAKE LEVER ASSEMBLY	1	709750
5	2818	SCREW, 5/16-18 X 1 1/2", HHCS	2	719589
6	7739	NUT, 5/16-18, NE, NYLOC, GR A	2	719892
7	42370-02	BRAKE CABLE, SHORT 42" (See Note)	2	709818
7A	42371-02	BRAKE CABLE, LONG 51" (See Note)	2	709819
8	41209-00	E-RING (BRAKE CABLE CLIP)	4	709187
9	73059-96	CLEVIS #52, 5/16-24 (ADJUSTABLE YOKE)	1	719852
10	781130	CLEVIS PIN, Ø5/16" X 1 1/2"	1	781130
11	6350	WASHER, .375" I.D. X .875" O.D. X .0781"	2	708682
12	500	HAIR PIN CLIP, #13	4	781013
13	73065-00	CLEVIS, 535	3	509240
14	7744	NUT 5/16-24, HEX JAM, GR 2	6	719895
15	494	CLEVIS PIN, Ø5/16" X 1"	3	719709
16	41202-00	PARKING BRAKE EXTENSION, SHORT	1	510421
16	41227-00	PARKING BRAKE EXTENSION, LONG	1	510375
17	11832	SPRING	2	709419
18	6200	WASHER, 7/16, SAE FLAT	2	708153
19	41215-00	BRAKE CABLE 46" (See Note)	1/3	709375

**NOTE:**

In mid 2012 a change was made to a NKL axle from a Dana axle. The Dana axle used 3 each of Item 19 brake cables. Item 7 and 7A were not used with the Dana axle and are now used with BC2/3.

# BRAKE PEDAL ASSEMBLY

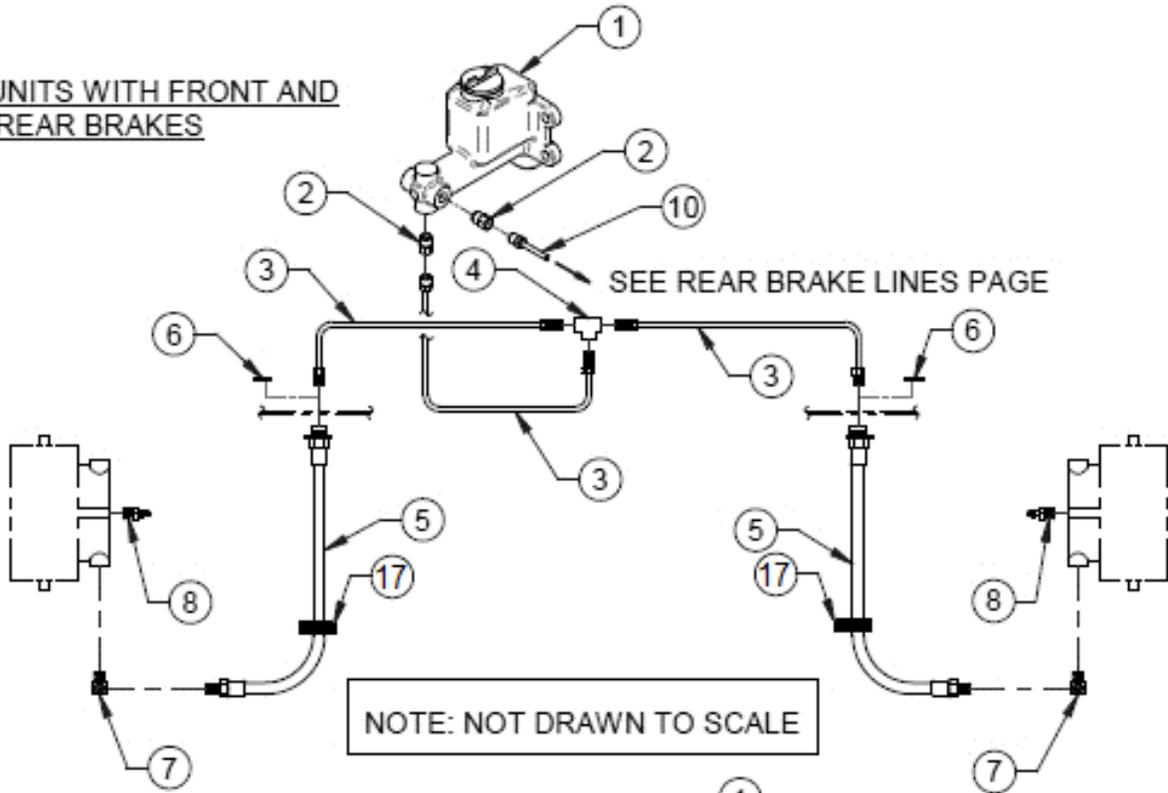


**BRAKE PEDAL ASSEMBLY Cont.**

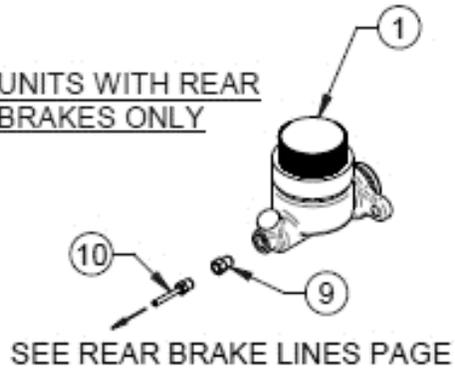
ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	41207-00	MASTER CYLINDER, 4 WHEEL BRAKES, (Used On Both Drum & Disk Brake Units)	1	709794
	41203-00	MASTER CYLINDER, 2 WHEEL BRAKES (Master Cylinders Furnished With Boots)	1	709780
2	4716-W	SCREW, 3/8-16 X 1 1/4 HEX HEAD CAP, G5 (Qty 2 For Units Having Master Cylinder 41203-00)	4	719694
3	7778	NUT, 3/8-16 NYLON INSERT LOCK (Qty 3 For Units Having Master Cylinder 41203-00)	5	719902
4	41232-00	BRAKE RETURN SPRING MOUNTNG BRACKET	1	510372
5	5405-B	SCREW, 1/4-20 X 3/4 CARR, G5	2	719747
6	7686	NUT 1/4-20 NYLON INSERT LOCK, GR A	2	719879
7	52330-86	BUMPER, ADHESIVE BACKED (3M#SJ5023)	1	719738
8	41229-00	BRAKE LEVER ASSEMBLY	1	306125
9	2828-W	SCREW, 3/8-16 X 3 HEX HEAD CAP, G 5	1	719591
10	11833	SPRING, BRAKE RETURN, 3/4 X 5	1	709745
11	41230-00	MASTER CYLINDER PUSH ROD	1	510408
12	7744	NUT, 5/16-24 HEX JAM, G 2	1	719895
13	73059-96	CLEVIS #52 5/16-24 (ADJUSTABLE YOKE)	1	719852
14	494	CLEVIS PIN, Ø5/16 X 1	1	719709
15	500	HAIR PIN CLIP, #13	1	781013
16	41350-00	BRAKE PEDAL PAD MOUNTING PLATE	1	510381
17	2008	SCREW, 1/4-20 X 5/8, PHILLIPS FLAT HEAD	2	719145
18	7724-B	NUT, 1/4-20 SERRATED FLNG LOCK, GR A	2	719887
19	42407-00	PAD, BRAKE PEDAL, "STOP"	1	709048
20	8128	NUT, SELF-THREADING PALNUT (SR250)	2	719922

# MASTER CYLINDER AND FITTINGS

UNITS WITH FRONT AND REAR BRAKES

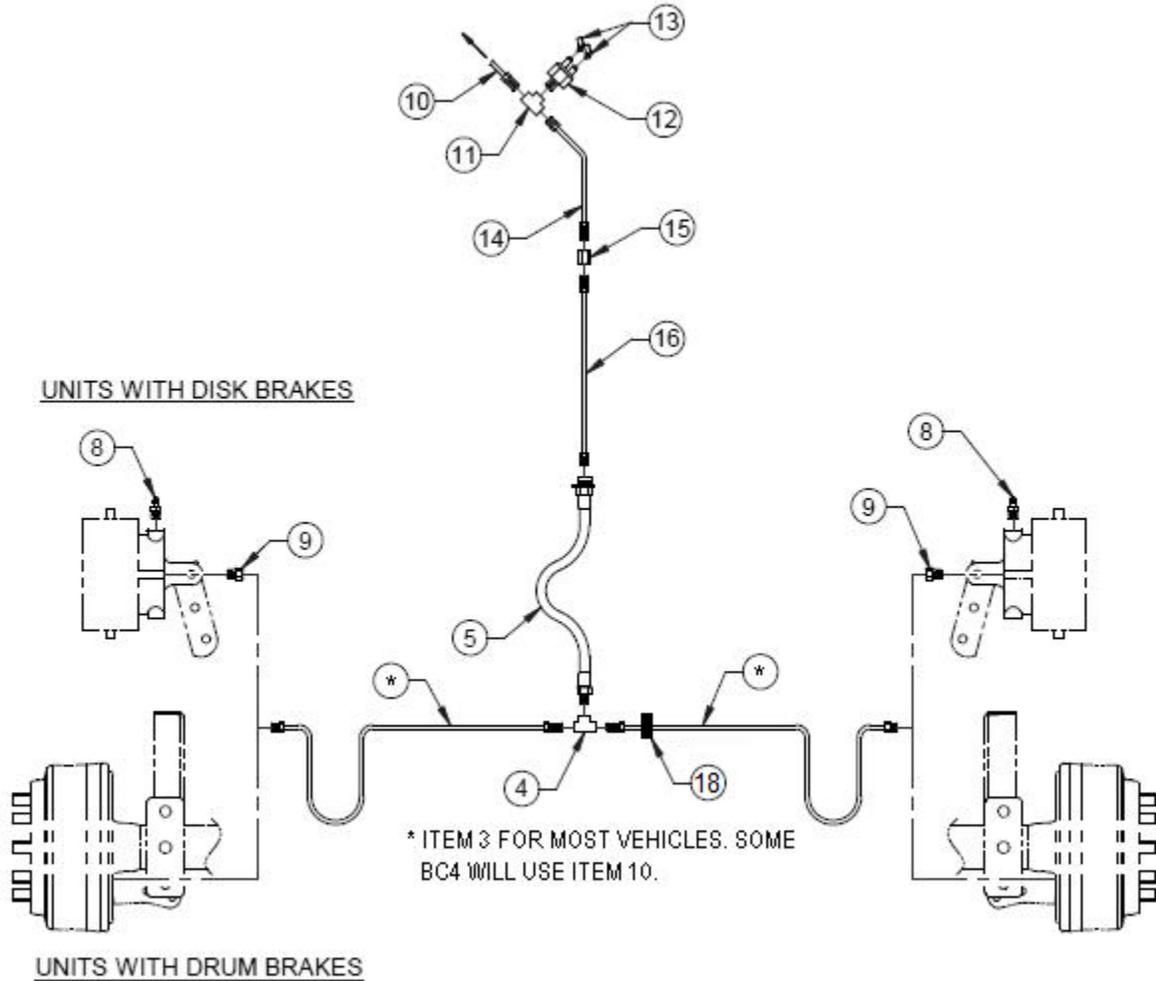


UNITS WITH REAR BRAKES ONLY



# MASTER CYLINDER AND FITTINGS Cont.

SEE MASTER CYLINDER PAGE



\* ITEM 3 FOR MOST VEHICLES. SOME BC4 WILL USE ITEM 10.

NOTE: NOT DRAWN TO SCALE

**MASTER CYLINDER AND FITTINGS Cont.**

ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	41207-00	MASTER CYLINDER, BC, 4 WHEEL BRAKES	1	709794
1A	41203-00	MASTER CYLINDER, BC 2 WHEEL BRAKES	1	709780
2	41221-00	REDUCER, 1/4" MALE TO 3/16" FEMALE	2	709583
3	41222-00	BRAKE LINE, 3/16" X 20"	*	709358
4	41842-94	UNION TEE, 3/16" FEMALE	*	709377
5	41216-00	BRAKE HOSE, HYDRAULIC, FLEX, 22"	3	709430
6	9959	HOSE CLIP	*	709591
7	41275-00	ELBOW, 90° MALE	2	729907
8	41313-00	BLEEDER SCREW	*	719082
9	41224-00	ADAPTER, 1/8" PIPE MALE TO 3/16" FEMALE	*	709618
10	41219-00	BRAKE LINE, 3/16" X 12"	*	709607
11	69729-00	CONNECTOR, 3-WAY SWITCH	1	508959
12	41212-00	SWITCH, BRAKE LIGHT	1	709749
13	69708-00	TERMINAL, #10 STUD TO 1/4 MALE TAB	2	719825
14	41219-00	BRAKE LINE, 3/16"X12" (Regular Bed Vehicles Only)	*	709607
14A	41222-00	BRAKE LINE, 3/16"X20" (Extended Bed Vehicles Only)	*	709358
15	41206-00	UNION, 3/16"	1	719657
16	41269-00	BRAKE LINE, 3/16"X51" (Regular Bed Vehicles Only)	*	709474
16A	41220-00	BRAKE LINE, 3/16" X 60" (Extended Bed Vehicles Only)	*	709727
17	9995	TUBE CLAMP 3/8"	2	782210
18	9982	TUBE CLAMP 1/4"	1	719756

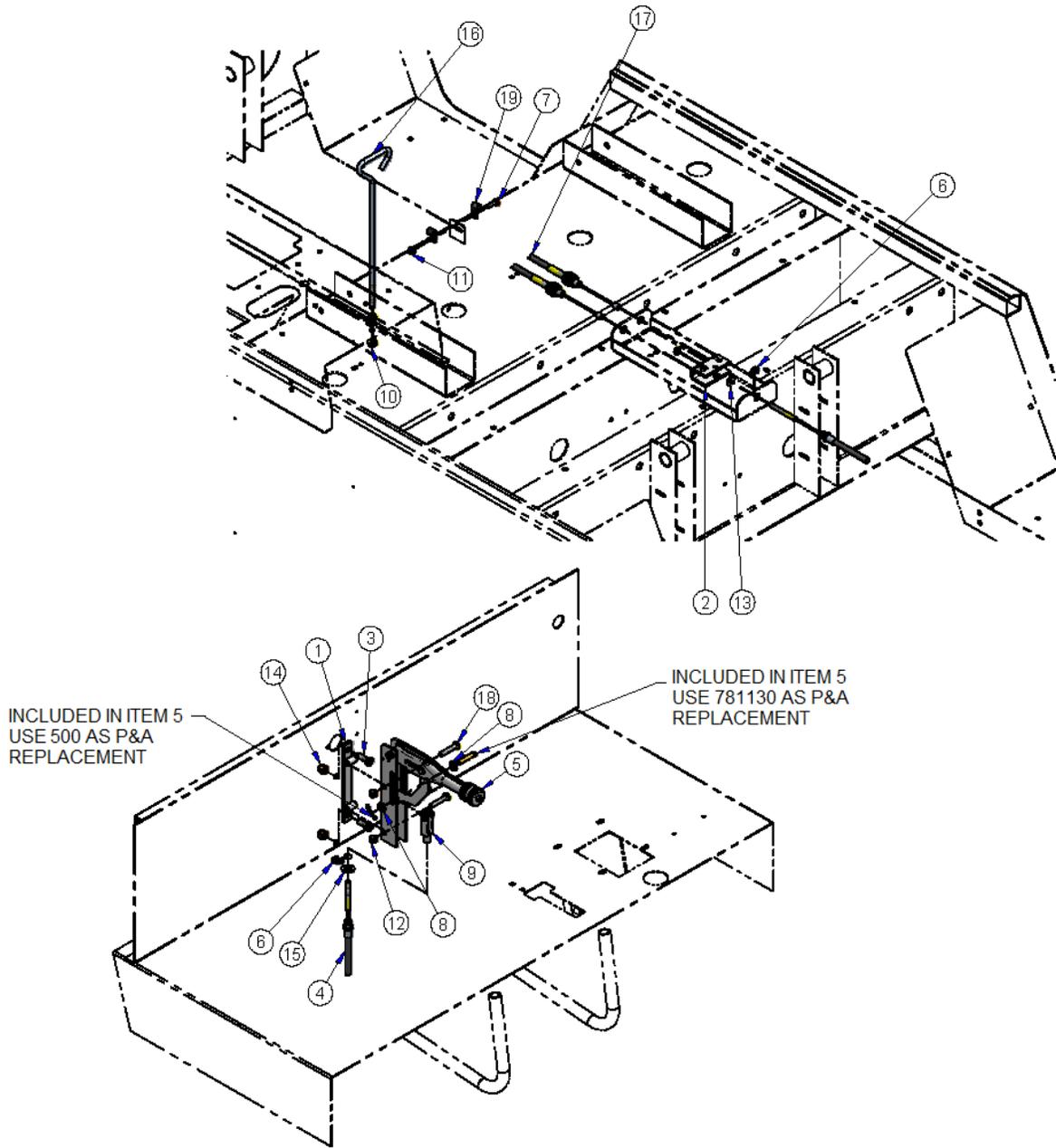
\*NOTE: QUANTITIES AS REQUIRED PER YOUR VEHICLE

## CONVERSION KIT- ADD FRONT HYDRAULIC BRAKES

(for vehicles with rear hydraulic brakes)

ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	19368-00	KIT, BC2, BC3 FRONT WHEEL BRAKE CONVERSION	1	191788U

# PARKING BRAKE (IMAG) 20:1 AXLE- BC-L

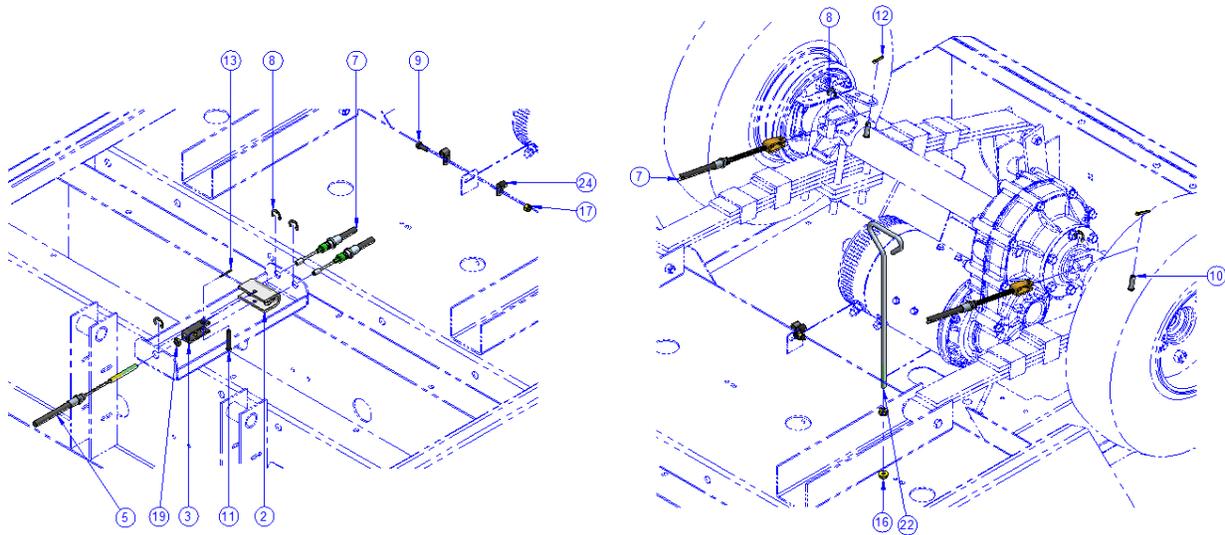
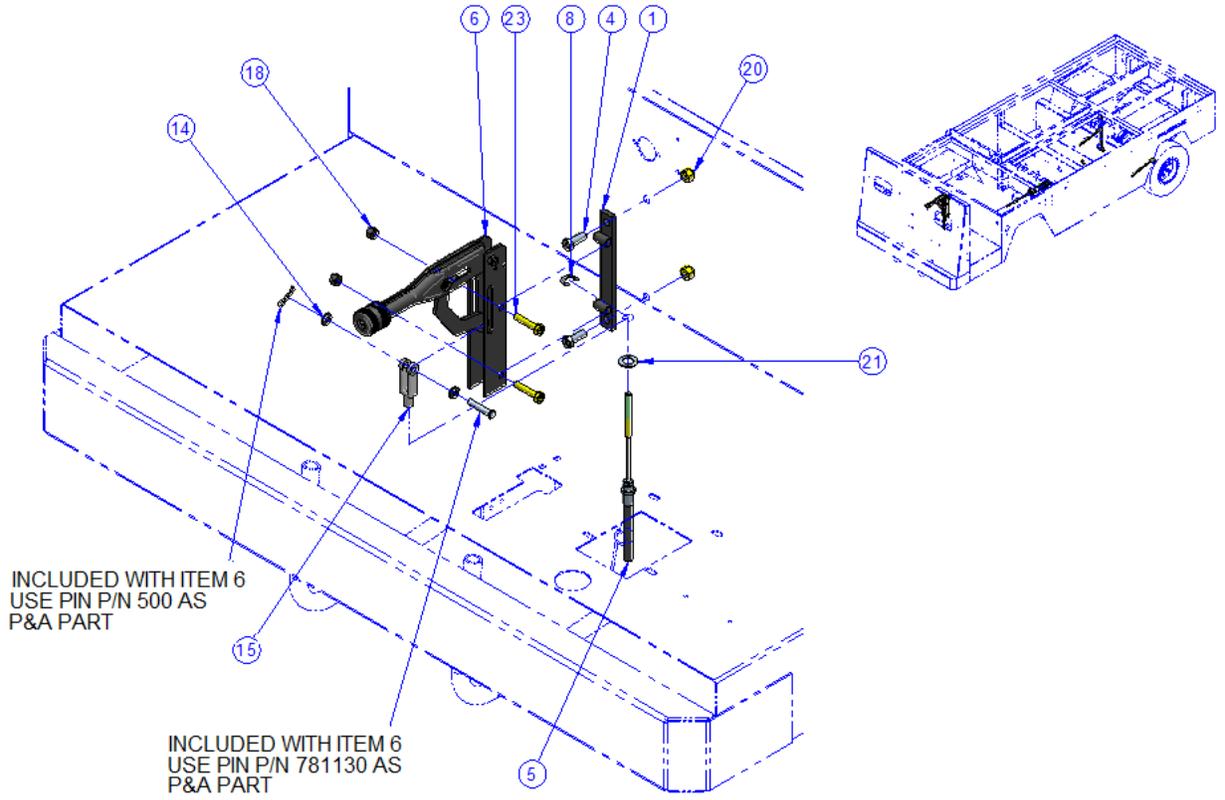


**PARKING BRAKE (IMAG) 20:1 AXLE- BC-L (Cont.)**

ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	41231-00	HAND BRAKE MOUNTING. BRACKET	1	306105
2	42402-89	PLATED, BRAKE EQUALIZER	1	509154PL
3	2879-W	SCREW, 3/8-16 X 1 HHC, G5	2	707195
4	41215-00	BRAKE CABLE	1	709375
5	41213-00	PARKING HAND BRAKE LEVER	1	709750
6	11040	E-RING, .562 REINFORCED PHOS	2	719515
7	3787-B	SCREW, 1/4-20X3/4, HHCS, G5, BLK150	1	719636
8	6702-B	WASHER, 5/16, SAE, F/W, BLK MAX	2	719810
9	73059-96	CLEVIS #52 5/16-24	1	719852
10	7525	LOCKNUT, 5/16-18 HEX FLG WHIZ	2	719864
11	7686	NUT, 1/4-20, NYLOCK, GA, YWZC	1	719879
12	7739	NUT, 5/16-18, L/N, NYLOK, NE, GA, BLKMAX	2	719892
13	7744	NUT, 5/16-24 GR 2 HEX JAM YWZC	2	719895
14	7778	NUT, 3/8-16, GA, NE, NYLON INSERT, YWZC	2	719902
15	*	BUSHING, STL, 1" ODX9/16 IDX18GA, PLN	1	761002
16	40963-13	SUPPORT, BRAKE LINE	1	761003
17	*	CABLE, BRAKE, IMAG, BC4 AXLE, 42.5"	2	761058
18	57111-11	SCREW, 5/16-18 X 1 1/2" LG HEX CAP	2	781924
19	9995	CLAMP, 3/8, STL TUBE, VINYL CUSHION	2	782210

\* SPECIAL ORDER

# PARKING BRAKE NKL AXLE - BC



**PARKING BRAKE NKL AXLE – BC**

<b>ITEM</b>	<b>CPC P/N</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>SEATS P/N</b>
1	41231-00	HAND BRAKE MOUNTING. BRACKET	1	306105
2	42402-89	PLATED, BRAKE EQUALIZER	1	509154PL
3	73065-00	CLEVIS-535	1	509240
4	2879-W	SCREW, 3/8-16 X 1 HHC, G5	2	707195
5	41215-00	BRAKE CABLE	1	709375
6	41213-00	PARKING HAND BRAKE LEVER	1	709750
7	42370-02	BRAKE CABLE 42"	2	709818
8	11040	E-RING, .562 REINFORCED PHOS	6	719515
9	3787-B	SCREW, 1/4-20X3/4, HHCS, G5, BLK150	1	719636
10	494	PIN, 5/16X1, CLEVIS	2	719709
11	499	CLEVIS PIN 1/4 DIA X 1 1/2" LG	1	719715
12	520-W	PIN, 1/8X1, COTTER	2	719728
13	533	COTTER PIN 5/64 X 1 18-8 SS (Used only with BC-L)	1	719743
14	6703-B	WASHER, 1/4, SAE, F/W, BLK MAX	2	719811
15	73059-96	CLEVIS #52 5/16-24	1	719852
16	7525	LOCKNUT, 5/16-18 HEX FLG WHIZ	2	719864
17	7686	NUT, 1/4-20, NYLOCK, GA, YWZC	1	719879
18	7739	NUT, 5/16-18, L/N, NYLOK, NE, GA, BLKMAX	2	719892
19	7744	NUT, 5/16-24 GR 2 HEX JAM YWZC	2	719895
20	7778	NUT, 3/8-16, GA, NE, NYLON INSERT, YWZC	2	719902
21	*	BUSHING, STL, 1" ODX9/16 IDX18GA, PLN	1	761002
22	40963-13	SUPPORT, BRAKE LINE	1	761003
23	57111-11	SCREW, 5/16-18 X 1 1/2" LG HEX CAP	2	781924
24	9995	CLAMP, 3/8, STL TUBE, VINYL CUSHION	2	782210

**MASTER CYLINDER W/PROPORTIONING VALVE – BC  
(IF EQUIPPED)**



ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	41431-02	BRAKE LINE 3/16 X 6	1	709812
2	40915-14	BRACKET	1	515781
3	40914-14	VALVE, PROPORTIONING, BRAKE	1	761056
4	41219-00	BRAKE LINE 3/16 X 12	1	709607
5	41222-00	BRAKE LINE 3/16 X 20	1	709358

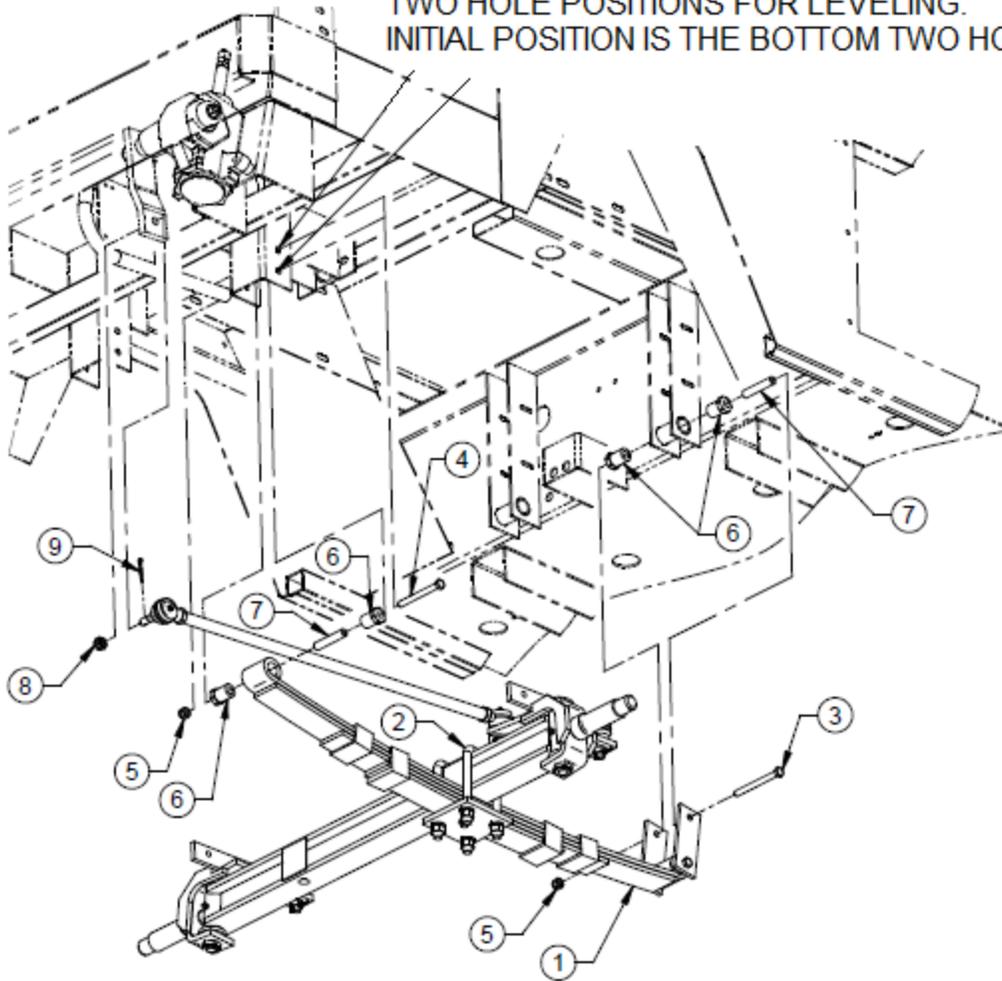
# **Burden Carrier Parts Manual**

## **Section 2**

### **Steering, Front Suspension and Wheels**

## FRONT AXLE, SPRINGS & LINKAGE – BC

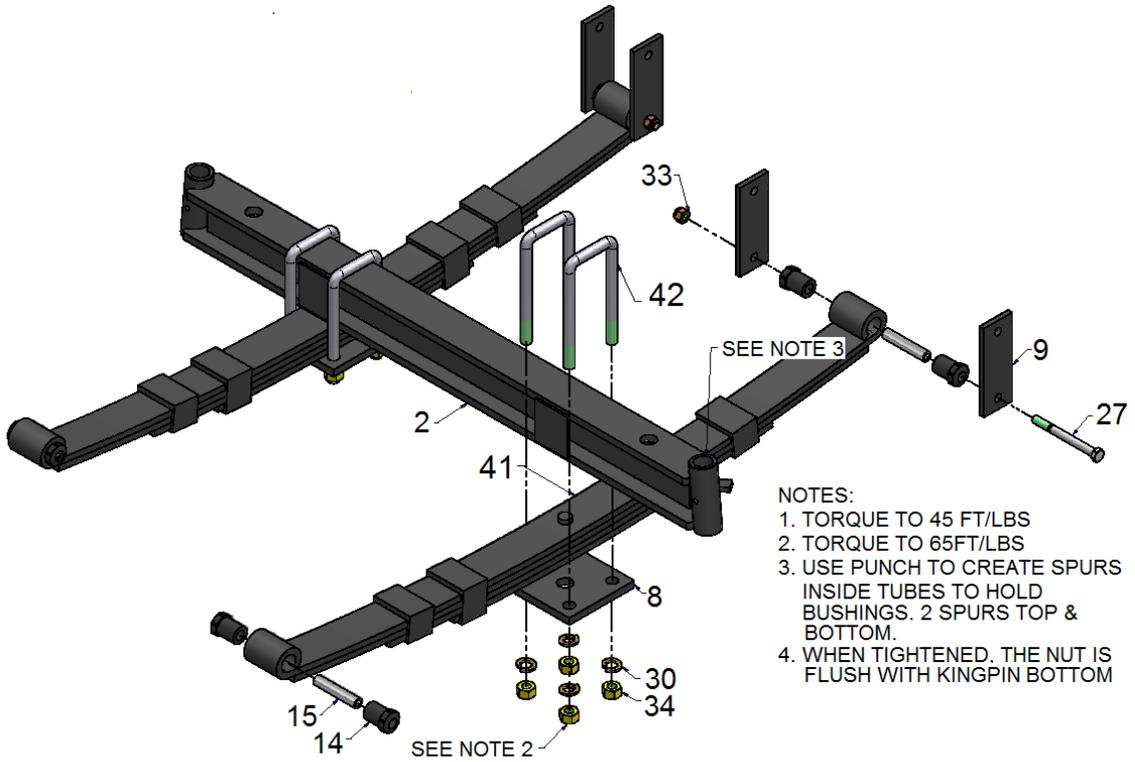
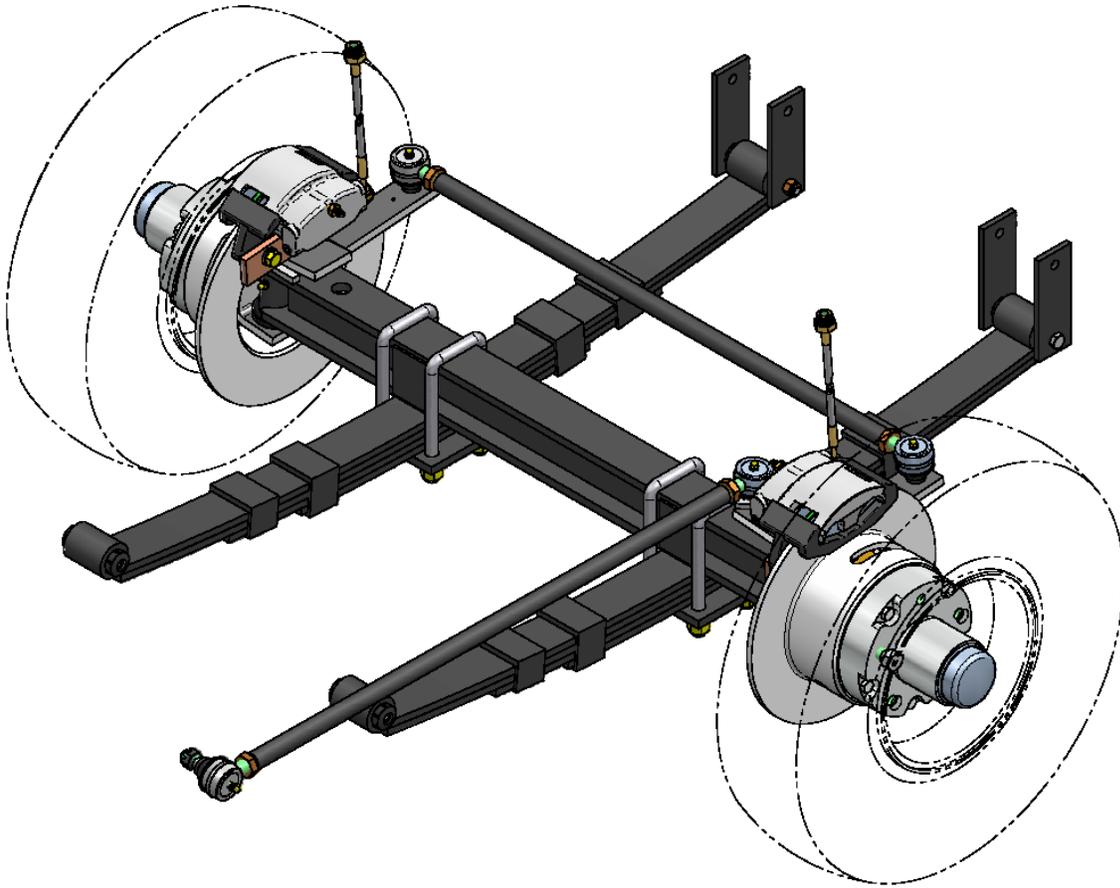
NOTE:  
TWO HOLE POSITIONS FOR LEVELING.  
INITIAL POSITION IS THE BOTTOM TWO HOLES.



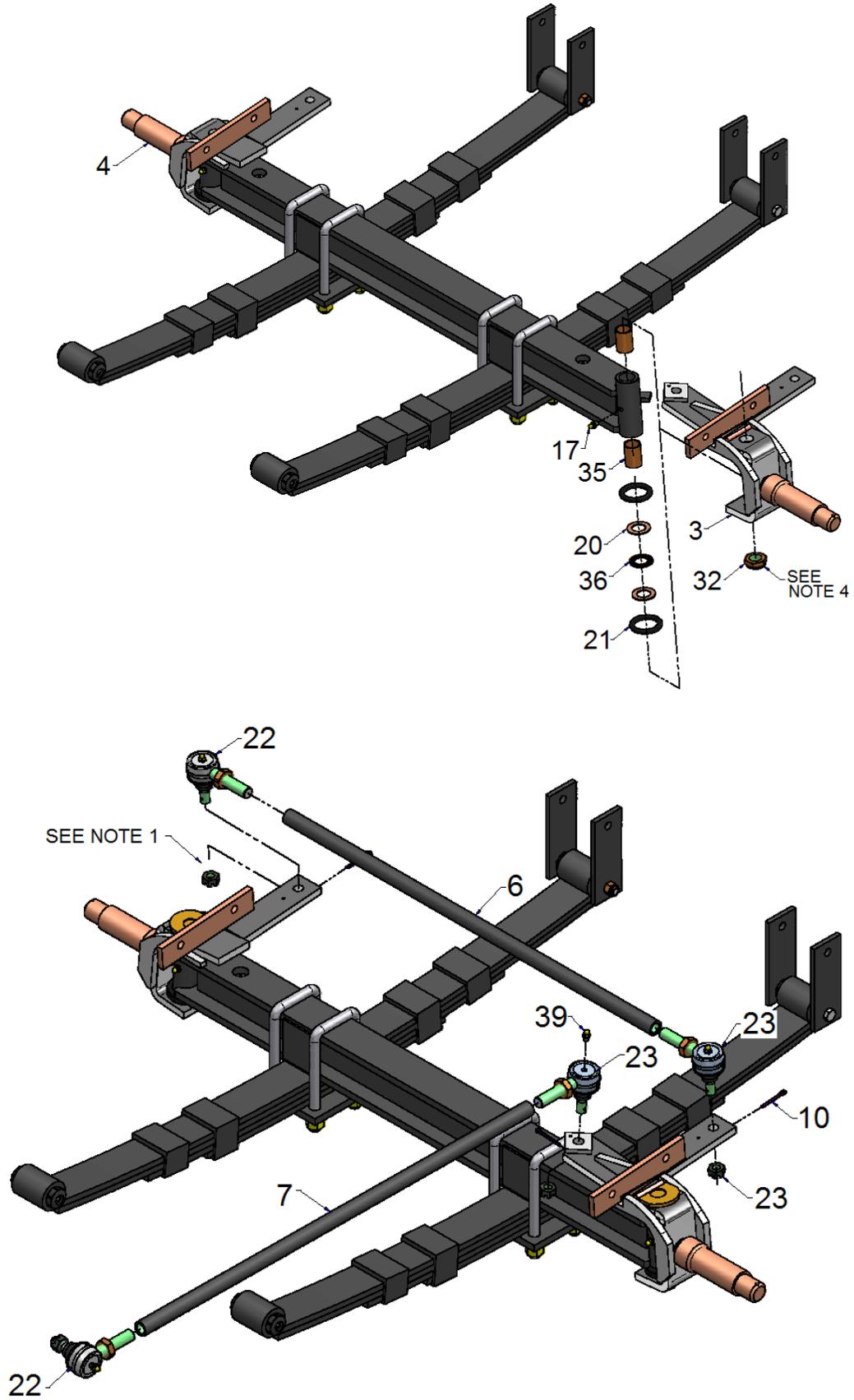
ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	54814-00	LEAF SPRING, 4-LEAF (Used on BC 2 & 3)	2	709382
*	54818-00	LEAF SPRING, 6-LEAF (Used on BC 4)	2	709540
*	54819-00	LEAF SPRING, 7-LEAF (Used on BC 4SC)	2	739587
2	5203	U-BOLT, 1/2-13 X 5 1/4 (Used with 4 leaf springs)	4	709372
*	5209	U-BOLT, 1/2-13 X 5 7/8 (Used with 6 & 7 leaf springs)	4	739454
3	3453	SCREW, 3/8-16 X 3 3/4, HHCS GR5	4	719622
4	3416	SCREW, 3/8-16 X 3 1/2, HHCS GR5	2	708526
5	7778	NUT, 3/8-16, NE, NYLOC, GR A	6	719902
6	10505	BUSHING, RUBBER, 1/2 X 1 3/8	12	709015
7	5711	SPACER, .50X 2-1	6	709042
8	7948	NUT, 7/16-20, HEX CASTLE	4	719917
9	560	PIN, 1/8 X 1 1/4"	4	707337

\* NOT SHOWN

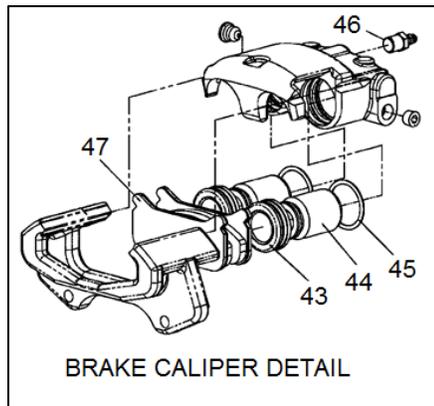
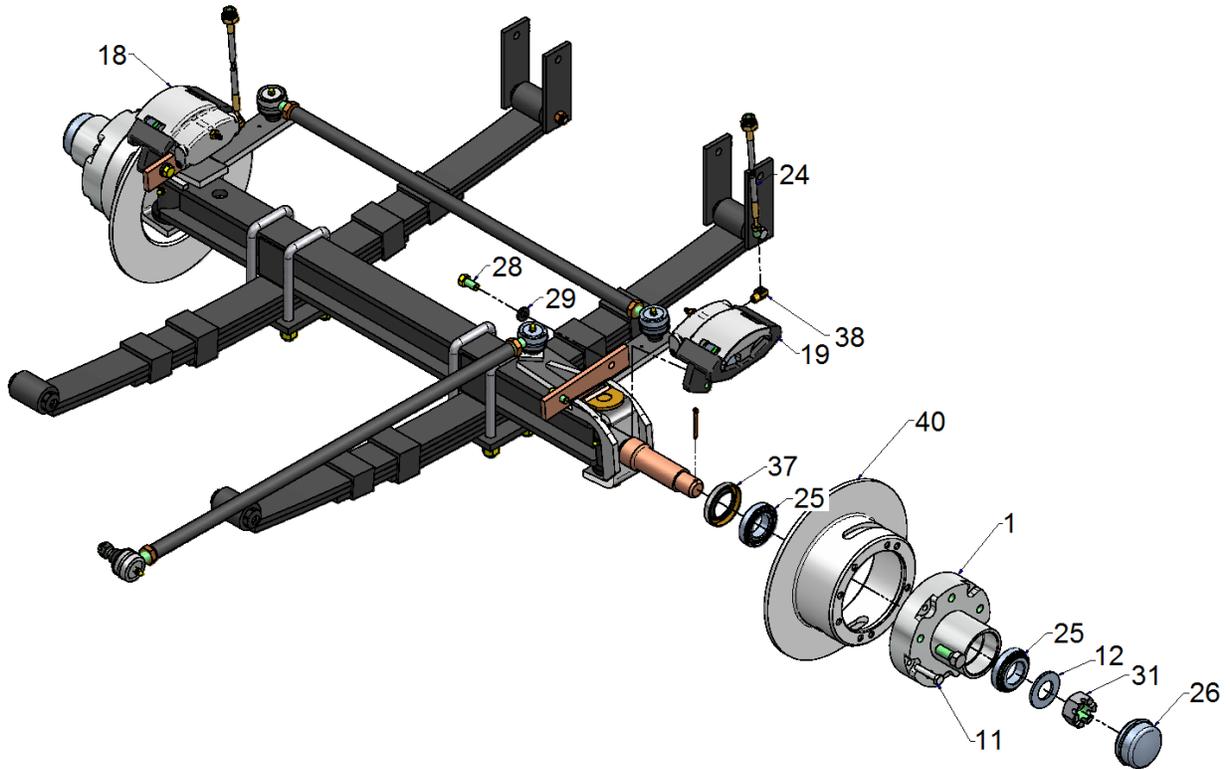
FRONT AXLE W/BRAKE – BC(Starting 1/2015)



FRONT AXLE W/BRAKE – BC Cont. (Starting 1/2015)



FRONT AXLE W/BRAKE – BC Cont. (Starting 1/2015)



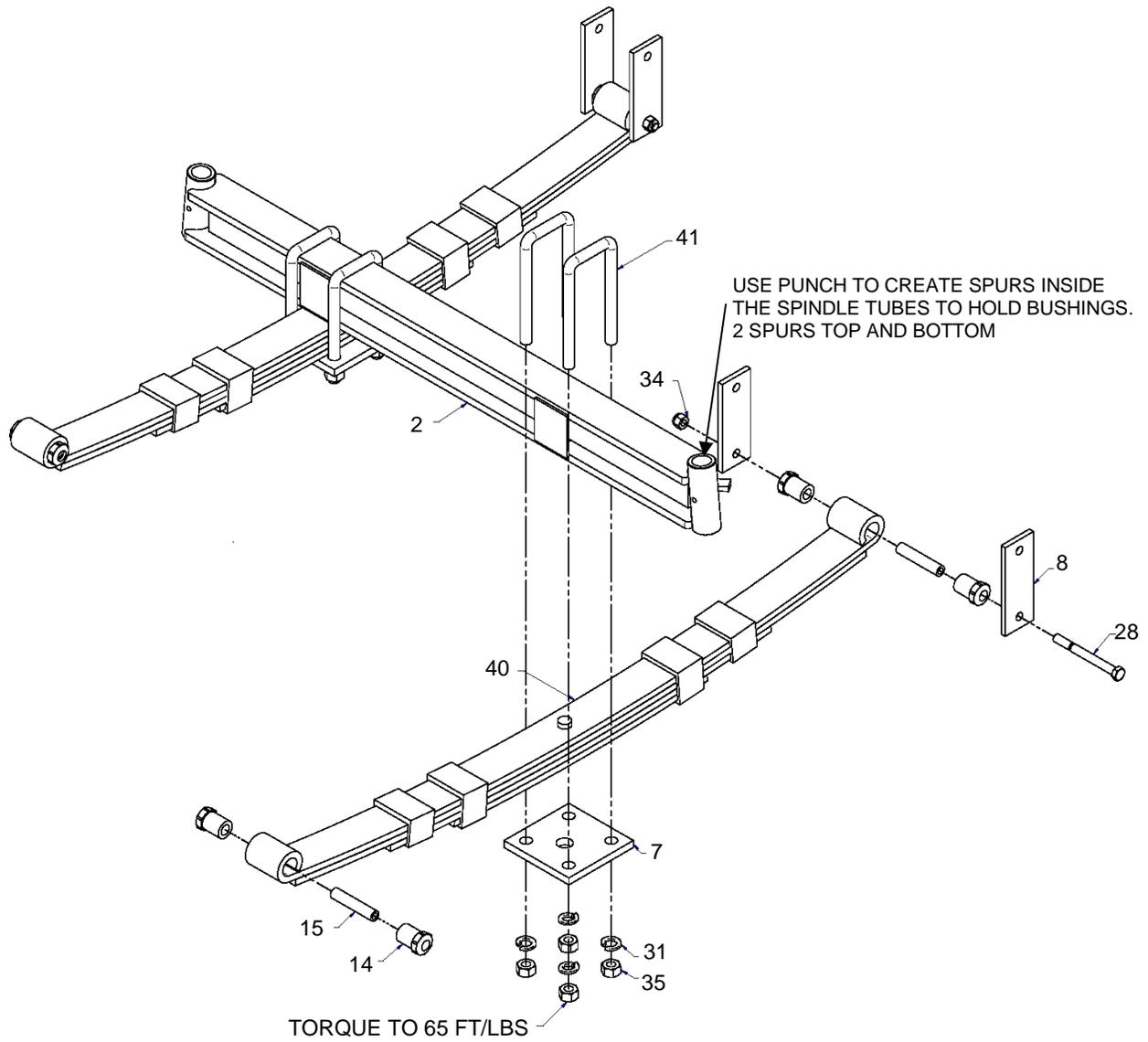
ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	*	ALUMINUM HUB 5H (for bolt on disc brake)	2	761180
2	54827-00	FRONT AXLE ASSEMBLY	1	306096
3	56864-00A	SPINDLE LH	1	308224
4	56863-00A	SPINDLE, RH	1	308225
5	56843-00	KING PIN	2	467952
6	56816-00	TIE ROD TUBE	1	510161
7	56814-00	DRAG LINK TUBE	1	510162
8	54800-00	FRONT AXLE SPRING PLATE	2	510276
9	54801-00	SUSPENSION SPRING SHACKLE	4	510364
10	560	PIN, 1/8"X1-1/4", COTTER, ZNC	3	707337
11	6038	SCREW, 5/16-18 X 1-1/2 HEX HEAD CAP WITH PATCH	10	707500
12	*	WASHER, 1" SAE FLAT, PLTD.	2	707457

ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
13	561	PIN, 1/8" X 1-1/2", COTTER, ZNC	8	707841
14	10505	BUSHING, RUBBER, 1/2X 1-3/8	4	709015
15	5711	SPACER, SPLIT SEAM,.50"X 2-1	1	709042
16	41200-94	LUG BOLT, WHEEL	2	709082
17	9800	GREASE FITTING, 1/4" DRIVE, STRAIGHT	1	709110
18	41268-00	BRAKE CALIPER, RH, FRONT	1	709148
19	41367-00	BRAKE CALIPER, LH, FRONT	4	709162
20	6042	WASHER, NEEDLE THRUST	4	709217
21	11100	O-RING, #332, 1-1/4 X 1/4	2	709218
22	56802-00	TIE ROD ASSY, RH	2	709415
23	56804-00	TIE ROD ASSY, LH	2	709416
24	541216-00	BRAKE HOSE, HYD, FLEX, 18"	4	709430
25	9087	TAPER BEARING CONE & CUP SET, 16128 HUB	2	709632
26	33438-00	DUST CAP, 12842 HUB	2	709831
27	3453	SCREW, 3/8-16 X 3-3/4 HHCS GR	4	719622
28	4713-W	SCREW, HX HD CAP 3/8-16 X 3/4 G5	4	719693
29	7038-B	WASHER - 3/8" REG SPRG, LOCK, BLK ZC	8	719836
30	7068	WASHER, 1/2,ALLOY-SPLIT,L/W,YWZC	2	719840
31	7510	NUT 1-14 GR 5 SLOTTED HEX CLR ZINC	2	719859
32	7513	NUT, 3/4-16 GR A NTE STYLE JAM NYLON	2	719861
33	7778	NUT,3/8-16,GA,NE,NYLON INSERT,YWZC	8	719902
34	7880	NUT, 1/2-13 GR 2 HEX FULL YWZC	4	719913
35	9083	BUSHING, .751 X .878 X 1.25 OILITE	2	719961
36	9085	BEARING TORRINGTON NEEDLE THRUST	2	719962
37	12020	SEAL - 16128 HUB	2	729091
38	41275-00	ELBOW, #402X3, HEAVY WALL MALE	4	729907
39	*	GREASE FITTING, 1/4"-28, SELF-TAPPING	2	760967
40	*	ROTOR, DISC BRAKE - DUAL	2	761179
41	54814-00	LEAF SPRING, 4-LEAF (Used on BC 2 & 3)	2	709382
41A**	54818-00	LEAF SPRING, 6-LEAF (Used on BC 4)	2	709540
41B**	54819-00	LEAF SPRING, 7-LEAF (Used on BC 4SC)	2	739587
42	5203	U-BOLT, 1/2-13 X 5 1/4 (Used with 4 leaf springs)	4	709372
42A	5209	U-BOLT, 1/2-13 X 5 7/8 (Used with 6 & 7 leaf springs)	4	739454
43	41361-00	BOOT, DUST	4	729959
44	41359-00	PISTON	4	729957
45	41360-00	O-RING	4	729958
46	41313-00	BLEEDER VALVE (Position may vary)	2	719082
47	41297-00	BRAKE PADS	4	729920
-	N/A	FRONT AXLE W/BRAKE BC 2,3 4 (Includes above)	1	467392/3

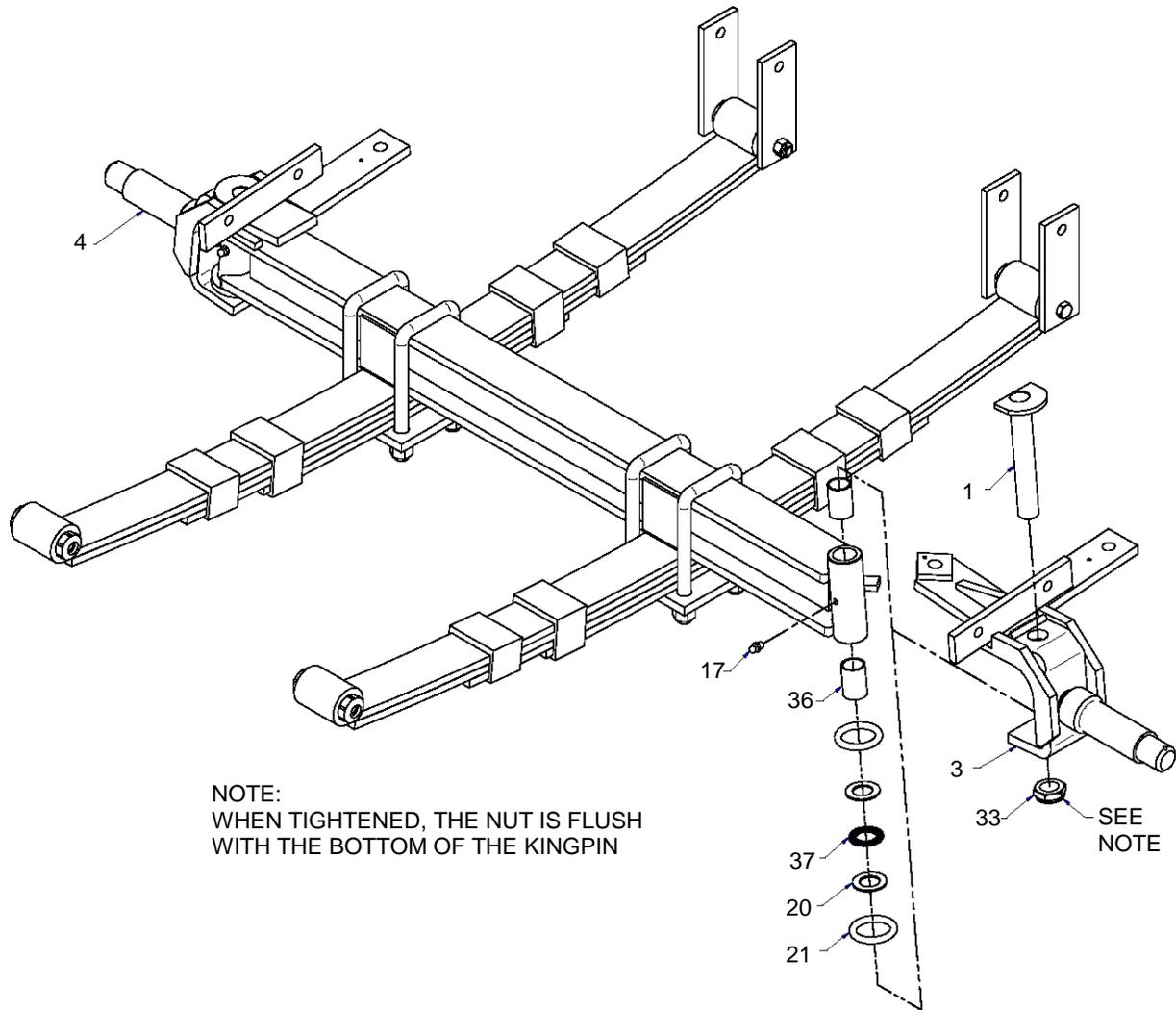
\* SPECIAL ORDER

\*\* NOT SHOWN

**FRONT AXLE W/BRAKES – BC 2/3/4 (Not used after 1/2015)**



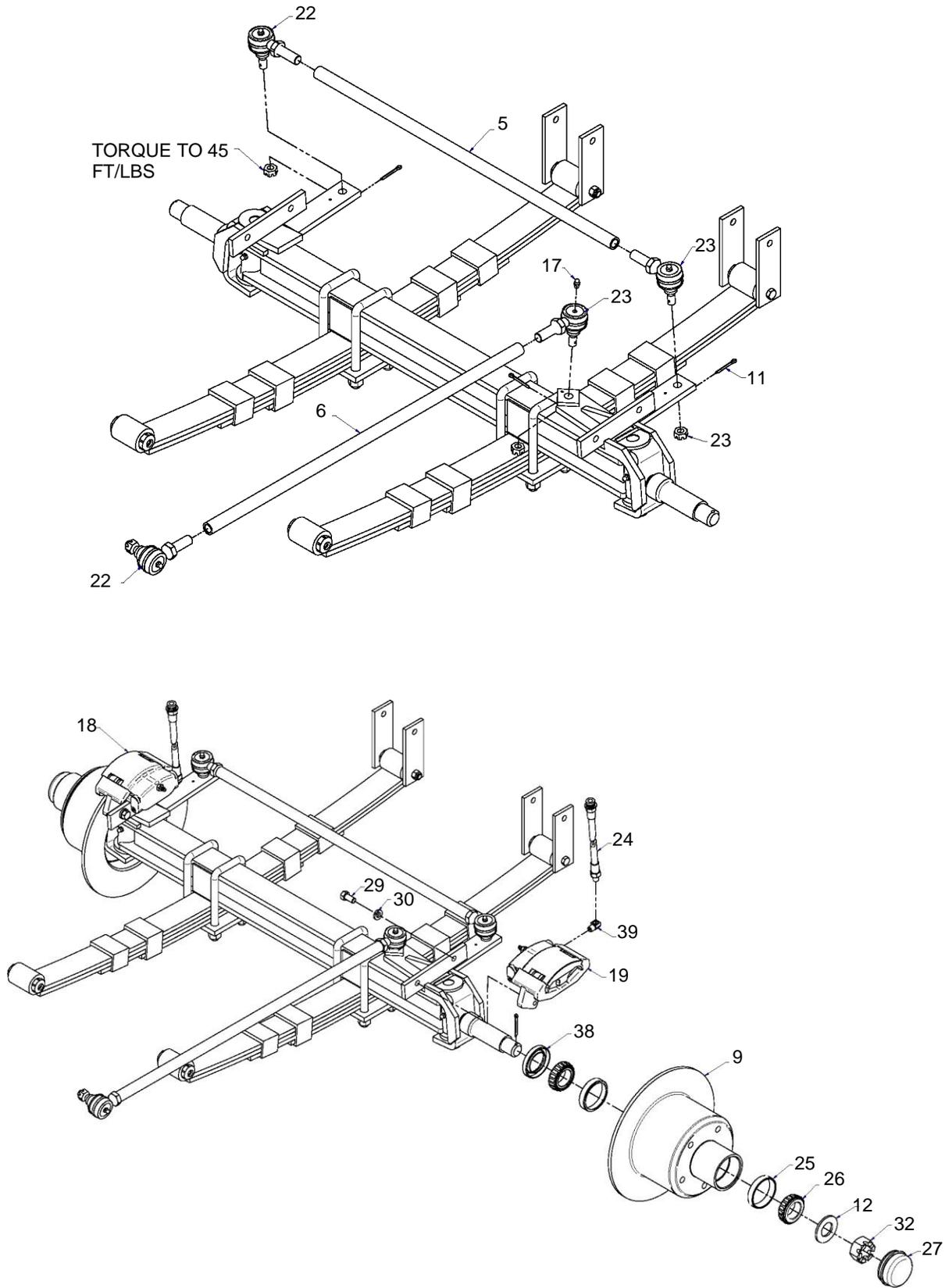
**FRONT AXLE W/BRAKES – BC 2/3/4 Cont. (Not used after 1/2015)**



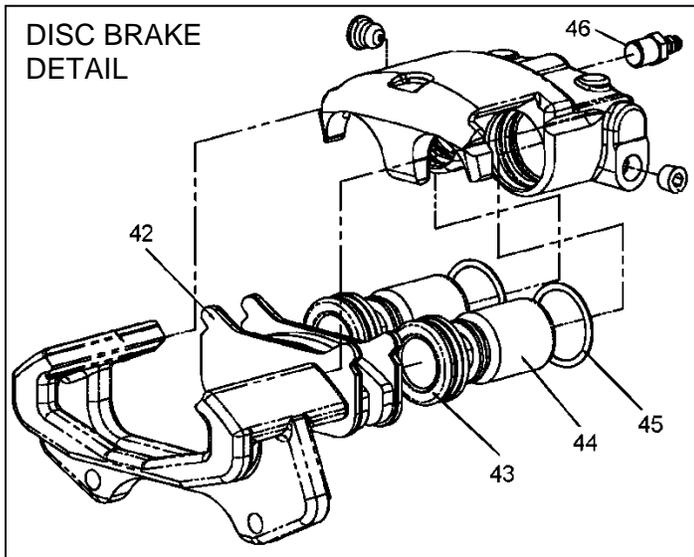
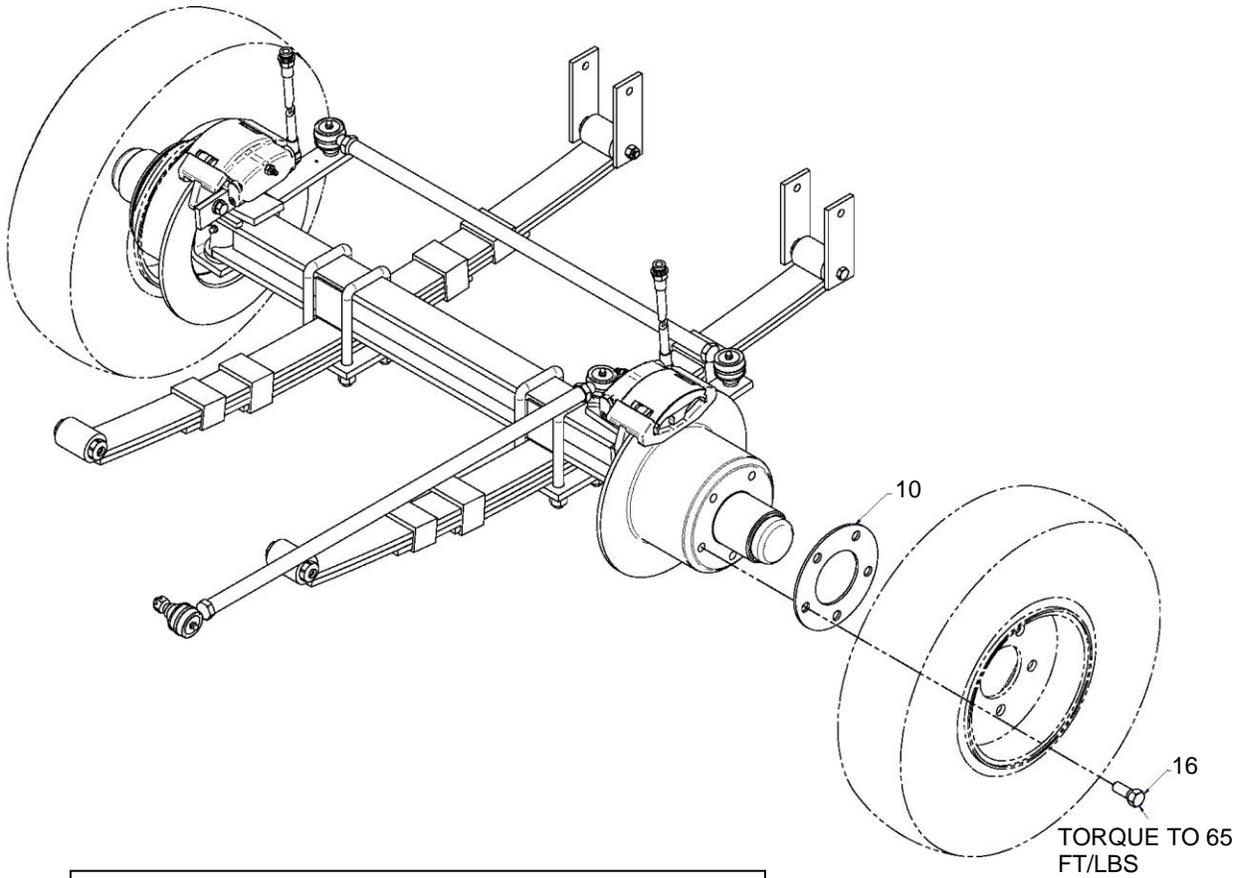
NOTE:  
WHEN TIGHTENED, THE NUT IS FLUSH  
WITH THE BOTTOM OF THE KINGPIN

SEE  
NOTE

# FRONT AXLE W/BRAKES – BC 2/3/4 Cont. (Not used after 1/2015)



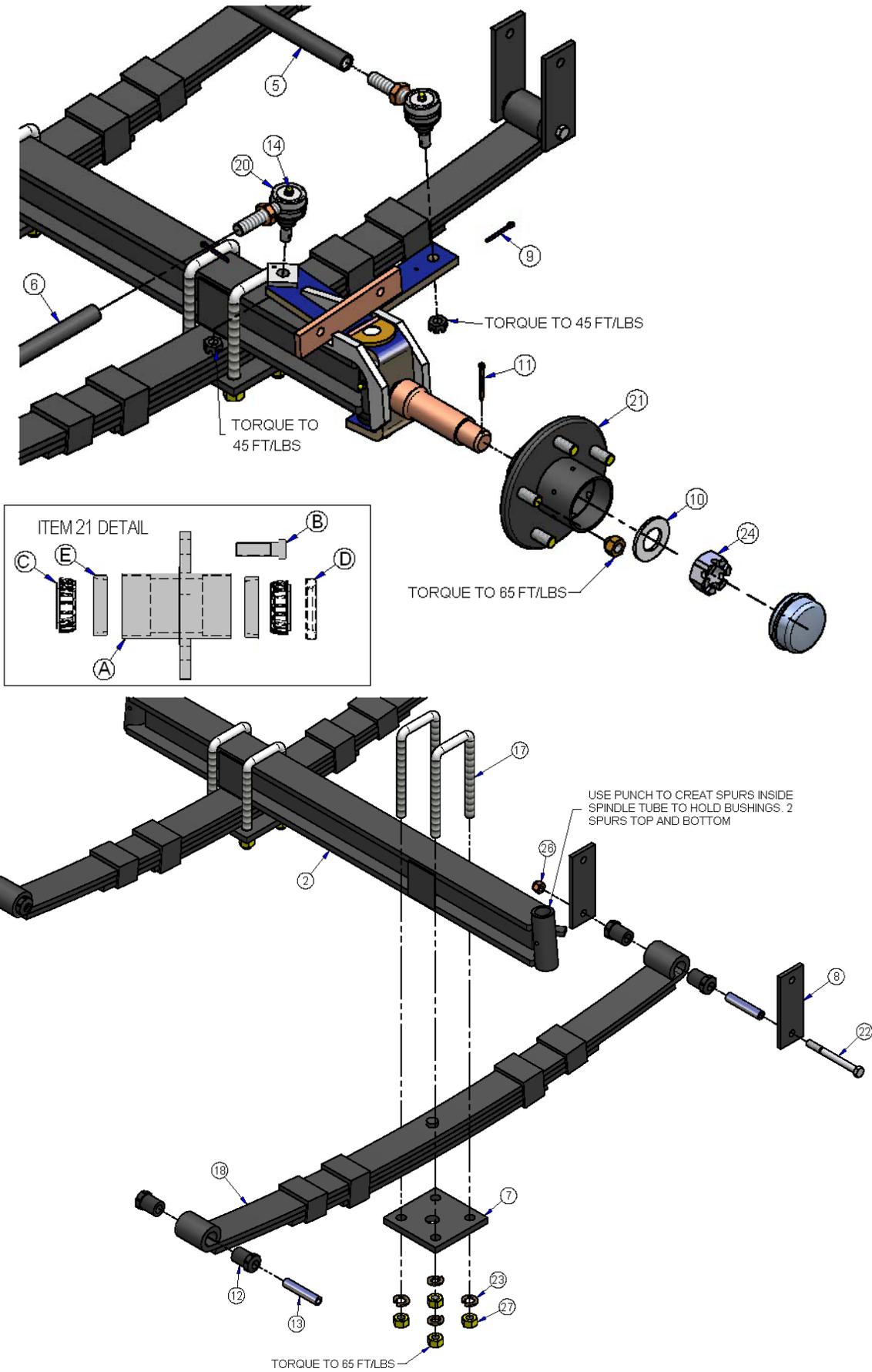
**FRONT AXLE W/BRAKES – BC 2/3/4 Cont. (Not used after 1/2015)**



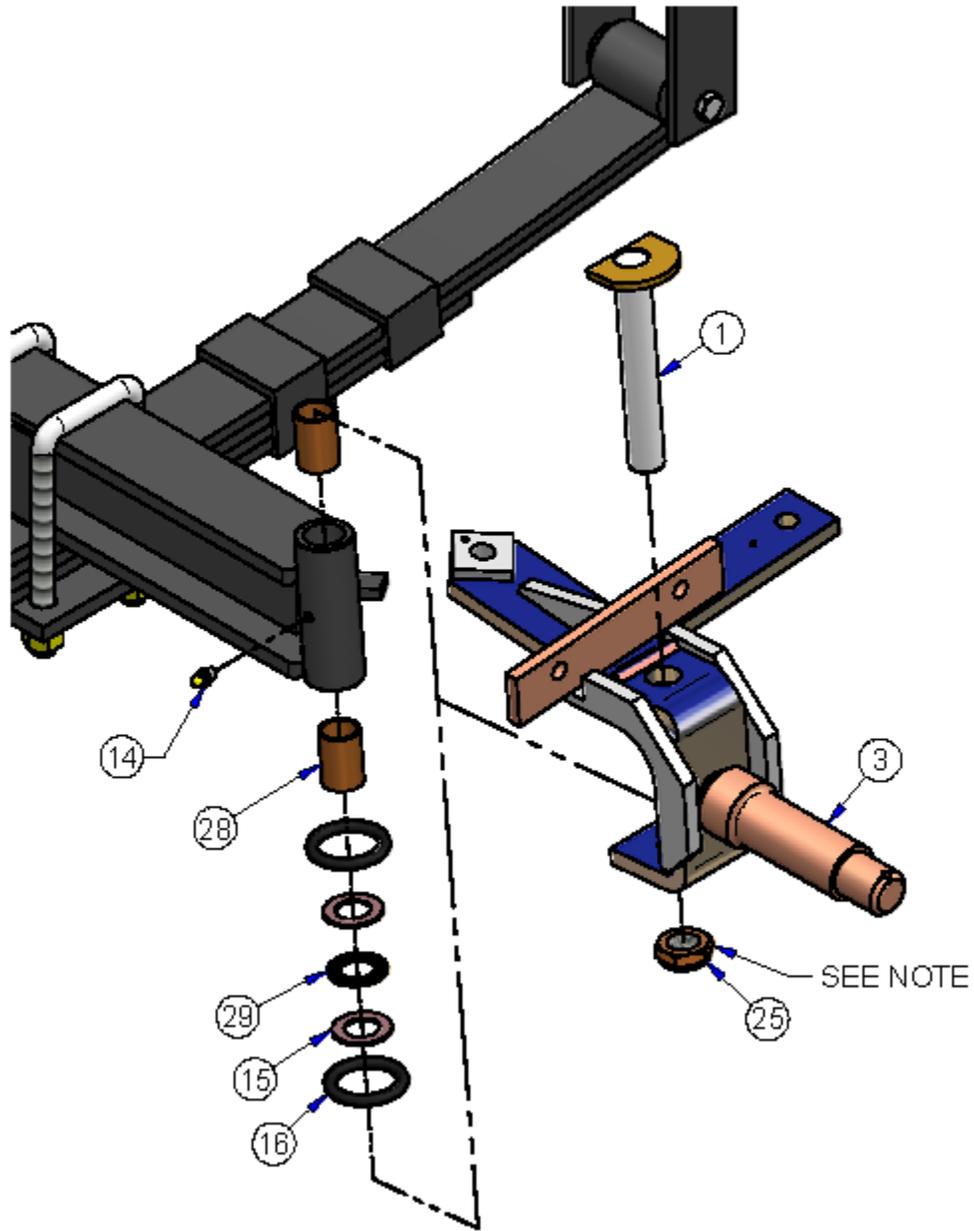
ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	44800-11	KINGPIN ASSY	2	306093
2	54827-00	FRONT AXLE ASSY	1	306096
3	56864-00A	SPINDLE WLDMT, BC, LH	1	308224
4	56863-00A	SPINDLE WLDMT, BC, RH	1	308225
5	56816-00	TIE ROD TUBE	1	510161
6	56814-00	DRAG LINK TUBE	1	510162

7	54800-00	FRONT AXLE SPRING PLATE	2	510276
8	54801-00	SUSPENSION SPRING SHACKLE	4	510364
9	41279-00	ROTOR DISC BRAKE - FRONT	2	511943M
10	36505-07	SPACER, WHEEL 5 HOLE	2	512058PL
11	560	PIN, 1/8" X 1 1/4", COTTER	3	707337
12	6038	WASHER, 1"	2	707500
13	561	PIN, 1/8 X 1-1/2"	2	707841
14	10505	BUSHING, RUBBER, 1/2 X 1 3/8	8	709015
15	5711	SPACER, .50"X 2-1, SPLIT SEAM	4	709042
16	41200-94	LUG BOLT	10	709082
17	9800	GREASE FITTING, 1/4-28, SELF-TAPPING	6	709110
18	41268-00	BRAKE CALIPER, RH, FRONT	1	709148
19	41267-00	BRAKE CALIPER, LH, FRONT	1	709162
20	6042	WASHER NEEDLE THRUST	4	709217
21	11100	O-RING, #332, 1 1/4X1/4	4	709218
22	56802-00	TIE ROD ASSY, RH	2	709415
23	56804-00	TIE ROD ASSY, LH	2	709416
24	41216-00	BRAKE HOSE, HYD, FLEX 18"	2	709430
25	9028	TAPERED ROLLER BEARING, CUP	4	709455
26	9087	BEARING, 16128 HUB	4	709632
27	33438-00	DUST CAP, 12842 HUB	2	709831
28	3453	SCREW, 3/8-16 X 3 3/4, HHCS GR5	4	719622
29	4713-W	SCREW, 3/8-16 X 3/4 GRADE 5, HEX HEAD CAP	4	719693
30	6000-B	WASHER -5/16, USS/STD, F/W	4	719771
31	7068	WASHER, 1/2", SPRING LOCK	8	719840
32	7510	NUT 1-14 GRADE 5, HEX, CASTLE	2	719859
33	7513	NUT, 3/4-16, NTE, NYLOC, JAM, GR A	2	719861
34	7778	NUT, 3/8-16, NE, NYLOC, GR A	2	719902
35	7880	NUT, 1/2-13 HEX, FULL, GR 2	8	719913
36	9083	BUSHING, .751 X .878 X 1.25, OILITE	4	719961
37	9085	BEARING, NEEDLE THRUST	2	719962
38	12020	SEAL -16128 HUB	2	729091
39	41275-00	ELBOW, #402X3, HEAVY WALL MALE	2	729907
40	54814-00	4 LEAF SPRING ASSY BC2/3	2	709382
40A	54818-00	6 LEAF SPRING ASSY BC4	2	709540
40B	54819-00	7 LEAF SPRING ASSY BC4SC	2	739587
41	5203	U-BOLT BC 2/3	4	709372
41A	5209	U-BOLT BC4 & BC4SC	4	739454
42	41297-00	BRAKE PADS	4	729920
43	41361-00	BOOT, DUST	4	729959
44	41359-00	PISTON	4	729957
45	41360-00	O-RING	4	729958
46	41313-00	BLEEDER VALVE (Position may vary)	2	719082

# FRONT AXLE NON-BRAKE – BC2/3



# FRONT AXLE NON-BRAKE – BC2/3



NOTE: WHEN TIGHTENED, NUT IS FLUSH WITH BOTTOM OF KING PIN.

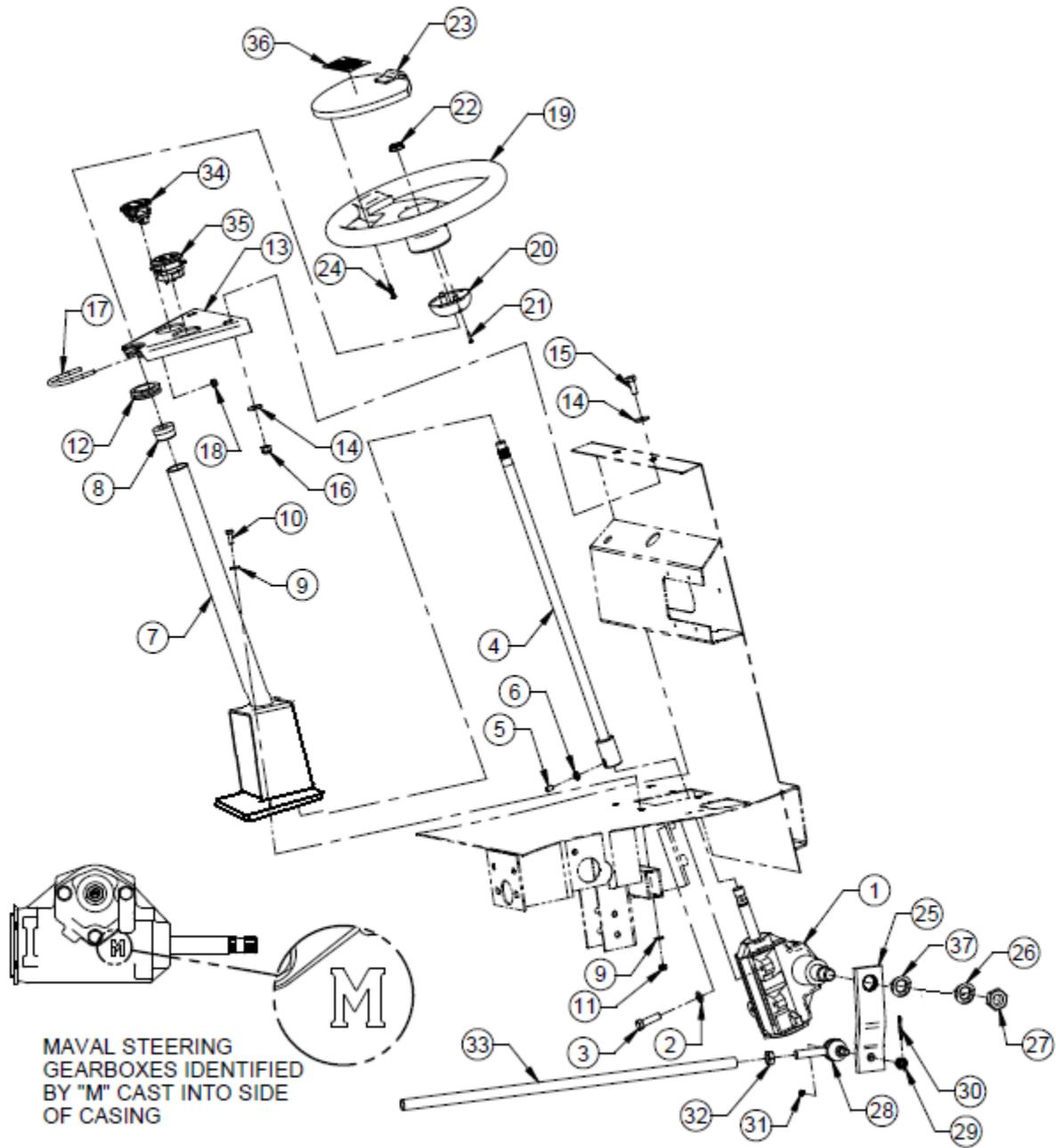
**FRONT AXLE NON-BRAKE – BC2/3**

ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	44800-11	KINGPIN ASSY	2	306093
2	54827-00	FRONT AXLE ASSY	1	306096
3	56864-00A	SPINDLE WLDMT, BC, LH	1	308224
4	56863-00A	SPINDLE WLDMT, BC, RH	1	308225
5	56816-00	TIE ROD TUBE	1	510161
6	56814-00	DRAG LINK TUBE	1	510162
7	54800-00	FRONT AXLE SPRING PLATE	2	510276
8	54801-00	SUSPENSION SPRING SHACKLE	4	510364
9	560	PIN, 1/8" X 1 1/4", COTTER	3	707337
10	6038	WASHER, 1"	2	707500
11	561	PIN, 1/8 X 1-1/2"	2	707841
12	10505	BUSHING, RUBBER, 1/2 X 1 3/8	8	709015
13	5711	SPACER, .50"X 2-1, SPLIT SEAM	4	709042
14	9800	GREASE FITTING, 1/4-28, SELF-TAPPING	6	709110
15	6042	WASHER NEEDLE THRUST	4	709217
16	11100	O-RING, #332, 1 1/4X1/4	4	709218
17	5203	U-BOLT	4	709372
18	54814-00	LEAF SPRING ASSY	2	709382
19*	56802-00	TIE ROD ASSY, RH	2	709415
20	56804-00	TIE ROD ASSY, LH	2	709416
21	33489-11	FRONT HUB ASSY	2	467799
21A	**	FRONT HUB	1*	310599
21B	41199	WHEEL BOLT 1/2-20X1 1/2 G5	5*	719655
21C	9087	BEARING 16128 HUB	2*	709632
21D	12020	SEAL 16128 HUB	1*	729091
21E	9028	CUP, TAPERED ROLLER BEARING	2*	709455
22	3453	SCREW, 3/8-16 X 3 3/4, HHCS GR5	4	719622
23	7068	WASHER, 1/2", SPRING LOCK	8	719840
24	7510	NUT 1-14 GRADE 5, HEX, CASTLE	2	719859
25	7513	NUT, 3/4-16, NTE, NYLOC, JAM, GR A	2	719861
26	7778	NUT, 3/8-16, NE, NYLOC, GR A	2	719902
27	7880	NUT, 1/2-13 HEX, FULL, GR 2	8	719913
28	9083	BUSHING, .751 X .878 X 1.25, OILITE	4	719961
29	9085	BEARING, NEEDLE THRUST	2	719962

\* QTY PER HUB ASSEMBLY

\*\* SPECIAL ORDER

# STEERING WHEEL AND GEAR BOX - BC



**STEERING WHEEL AND GEAR BOX – BC – Cont.**

ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	56805-06	STEERING GEARBOX, MAVAL	1	759703
2	7039	WASHER, 7/16 SPRING LOCK	3	708188
3	3769	SCREW, 7/16-14 X 1 1/2 HEX HEAD CAP, G5	3	719632
4	56807-00A	ASSY, STEERING SHAFT, BC (Furnished W/ Items 5, 6, & 22)	1	709718
5	N/A	SCREW, 5/16-24 SOCKET SET, CUP PT (See Note)	1	N/A
6	7727	NUT, 5/16-24 NYLON INSERT LOCK, JAM	1	719889
7	56915-13	STEERING COLUMN WELDMENT	1	311694
8	57067-87	BEARING, COLUMN	1	739636
9	6703-B	WASHER, 1/4, SA, FW, STL, HC BLACK	8	719811
10	3787-B	SCREW, 1/4-20 X 3/4 HEX HEAD CAP, G5	4	719636
11	7686	NUT 1/4-20 NYLON INSERT LOCK, GR A	4	719879
12	11418-A	GROMMET, 2775 EPDM 3/16 GROOVE	1	719523
13	56813-00	UPPER STEERING COLUMN SUPT. ASSY. (Includes Item 17)	1	306117
14	6416	WASHER 3/8 FLAT STD.	4	719796
15	2879-W	SCREW, 3/8-16 X 1 HEX HEAD CAP ,G5	2	707195
16	7778	NUT, 3/8-16 NYLON INSERT LOCK	2	719902
17	9967	CLAMP, 1 3/4"	1	708748
18	7688-B	NUT, 1/4-20 HEX, GR 2	2	719880
19	57069-84	STEERING WHEEL, SPORT	1	709056
20	57098-98	STEERING HUB COVER	1	709085
21	2638	SCREW, #6 X 3/4 PHILLIPS PAN HEAD	2	719577
22	781132	NUT, M16 X 2 STEEL INSERT LOCK	1	781132
23	57089-99	CARD HOLDER/STEERING WHEEL COVER	1	709043
24	2641	SCREW, #10 X 1 PHILLIPS PAN HEAD	3	729263
25	56817-06	PITMAN ARM, BC, MAVAL BOX	1	719498
26	781135	WASHER, 7/8 SPRING LOCK	1	781135
27	781134	NUT, 7/8 -14 HEX	1	781134
28	56804-00	TIE ROD ASSMY, LH (Furnished W/ Items 29 & 32)	1	709416
28A	56802-00	TIE ROD ASSY, RH (Furnished W/ Items 29 & 32)		709415
29	7948	NUT, 7/16-20, CASTLE, G5	1	719917
30	560	PIN, 1/8"X1-1/4" COTTER	1	707337
31	9800	GREASE FITTING, 1/4"-28, SELF-TAPPING	1	709110
32	7765	NUT, 9/16-18, HEX JAM L.H. THREAD	1	749300
32A	7764	NUT, 9/16-18, HEX JAM R.H. THREAD		749299
33	56814-00	DRAG LINK TUBE	1	510162
34	75052-01	BDI GAUGE (USED WITH 36V SYSTEMS)	1	709578
34A	75053-01	BDI GAUGE (USED WITH 48V SYSTEMS)	1	709183
35	75033-91A	HOUR METER, 10-80 VOLT DC	1	709452
36*	71527-04	DECAL, SWTCH SET POSITION	1	719426
37	6038	WASHER, 1.00 SAE	1	707500

\* NOT SHOWN

Note: Must be purchased locally.

## WHEELS – BC

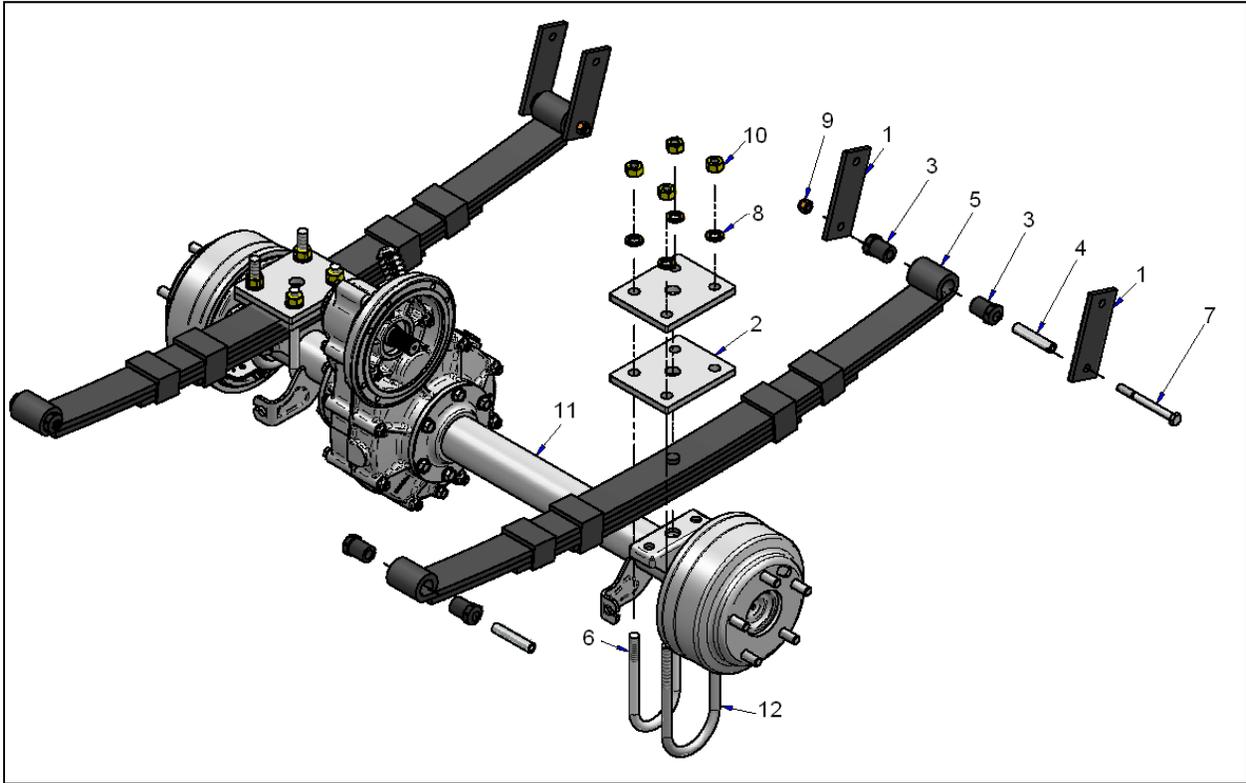
ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	40998-00	TIRE/WHEEL ASSY, 5.70X8LRD 5H	1	709354
2	40996-03	TIRE/WHEEL ASSY, 5.0X5,7 - 8, 10 PLY	1	719263
3	40994-05	TIRE/WHEEL ASSY, FF, 5.7X8, LRD 5H	1	759713
4	40993-00	TIRE/WHEEL ASSY, 5.0X8 SLD LUG 5H	1	709905
5	40997-96	TIRE/WHEEL ASSY, 5.0X8 SLD NONMARK 5H	1	729879
6	40973-07	TIRE/WHEEL ASSY, 145R12 HIGH BSPEED 5H	1	759849
7	44100-10	TIRE/WHEEL ASSY, 5-H, 5.7X8, NM, LRC	1	760325
8	41010-00	TIRE/WHEEL ASSY, 18.5X8.5-8, 5-H	1	709907
9	41200-94	LUG BOLT,WHEEL	5	709082
10	43152-66	NUT, 1/2-20, TAPERED WHEEL	5	709002

# **Burden Carrier Parts Manual**

## **Section 3**

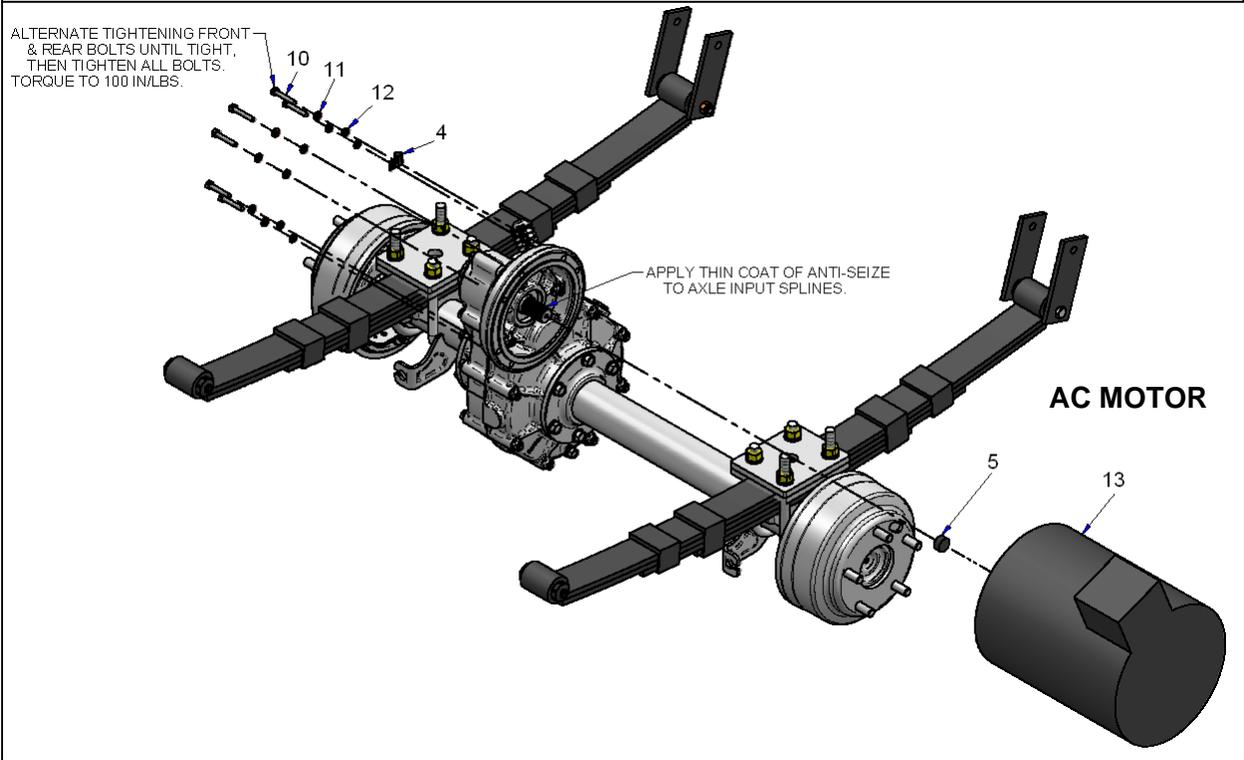
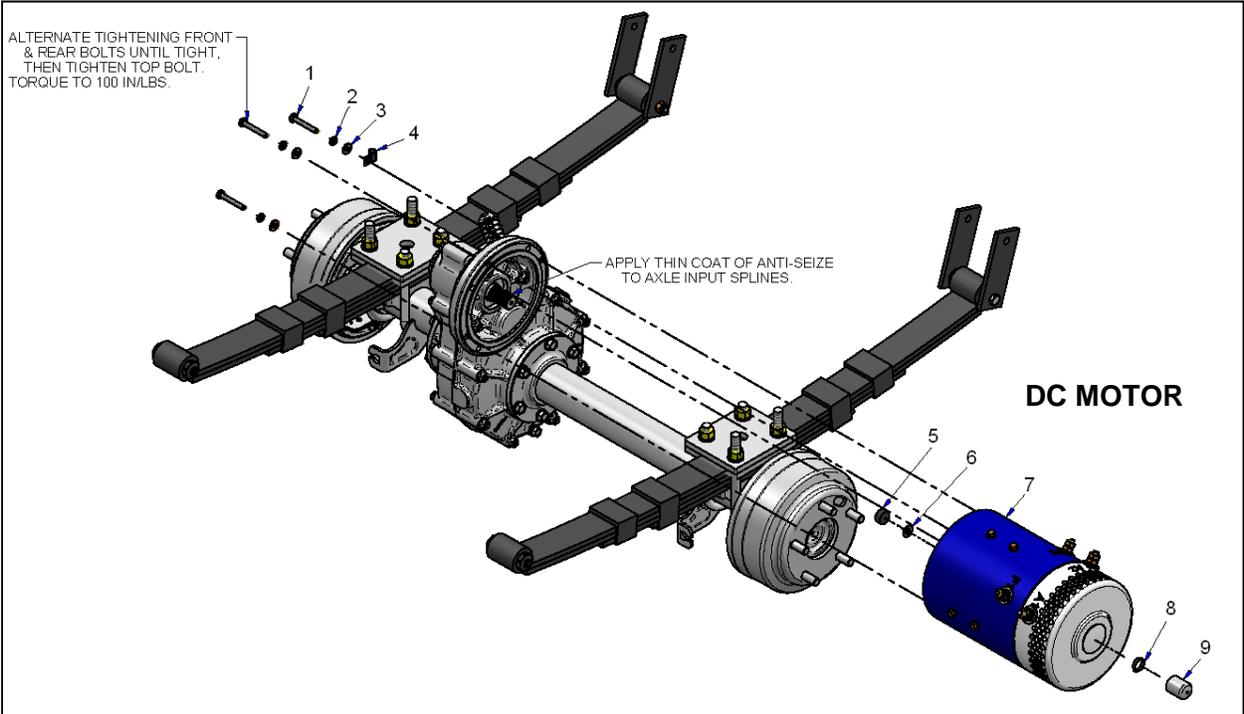
### **Rear Axle, Brakes and Suspension**

## NKL AXLE ATTACHMENT – BC



ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	54801-002	SHACKLE	4	510364
2	54804-12	REAR SPRING PLATE	4	514353
3	10505	BUSHING, RUBBER 1/2X1 3/8	8	709015
4	5711	SPACER, SPLIT SEAM	4	709042
5	54814-00	LEAF SPRING ASSEMBLY, 4 LEAF	2	709382
6	5214	U-BOLT, 1/2-13X5.75	2	709574
7	3453	SCREW, 3/8-16X3 3/4 HHCS, G5	2	719622
8	7068	WASHER, 1/2, ALLOY, SPLIT	8	719840
9	7778	NUT, 3/8-16 NYLOCK	2	719902
10	7880	NUT, 1/2-13 GR2, HEX	8	719913
11	82670-12	AXLE, HD, NKL 10.37:1	1	760734
11A	82669-12	AXLE, HD, NKL, 16.77:1	1	760733
12	54811-12	U-BOLT 1/2-13, 2.81X6.75	2	782102

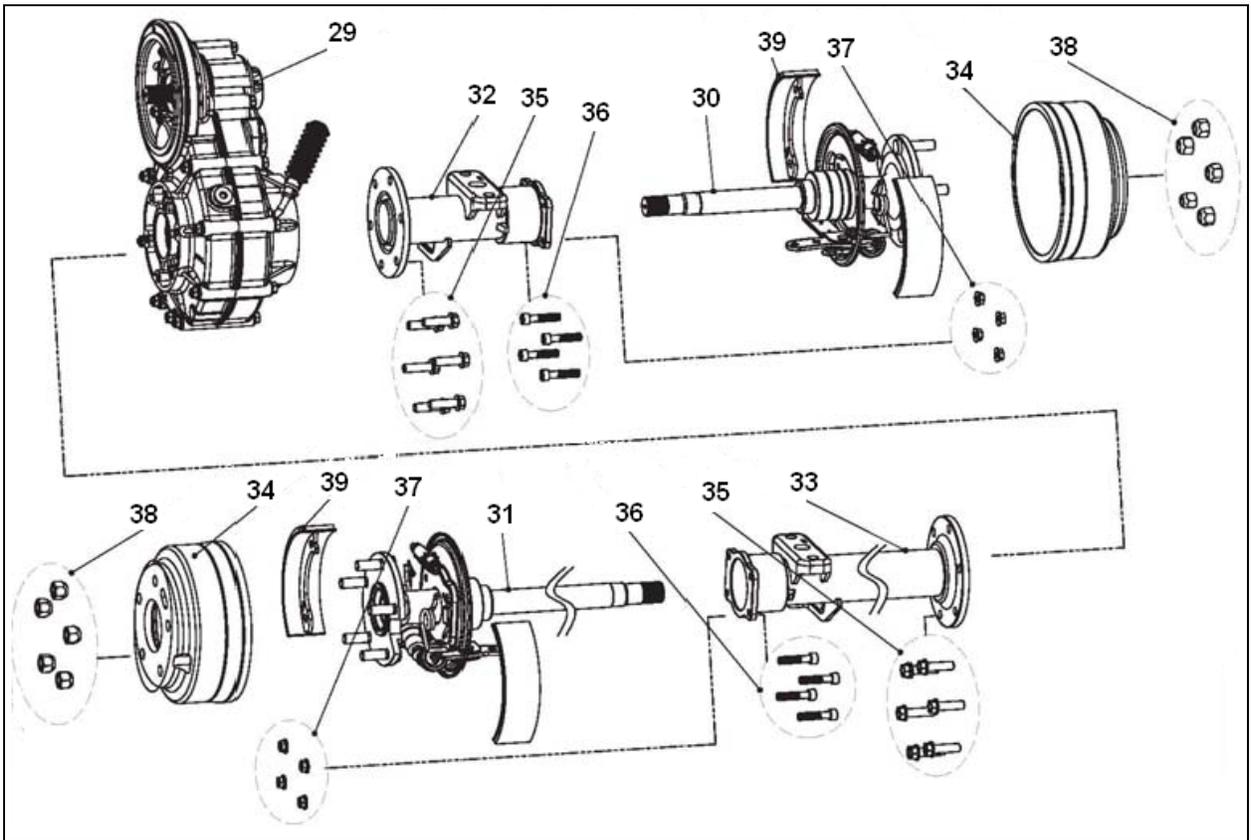
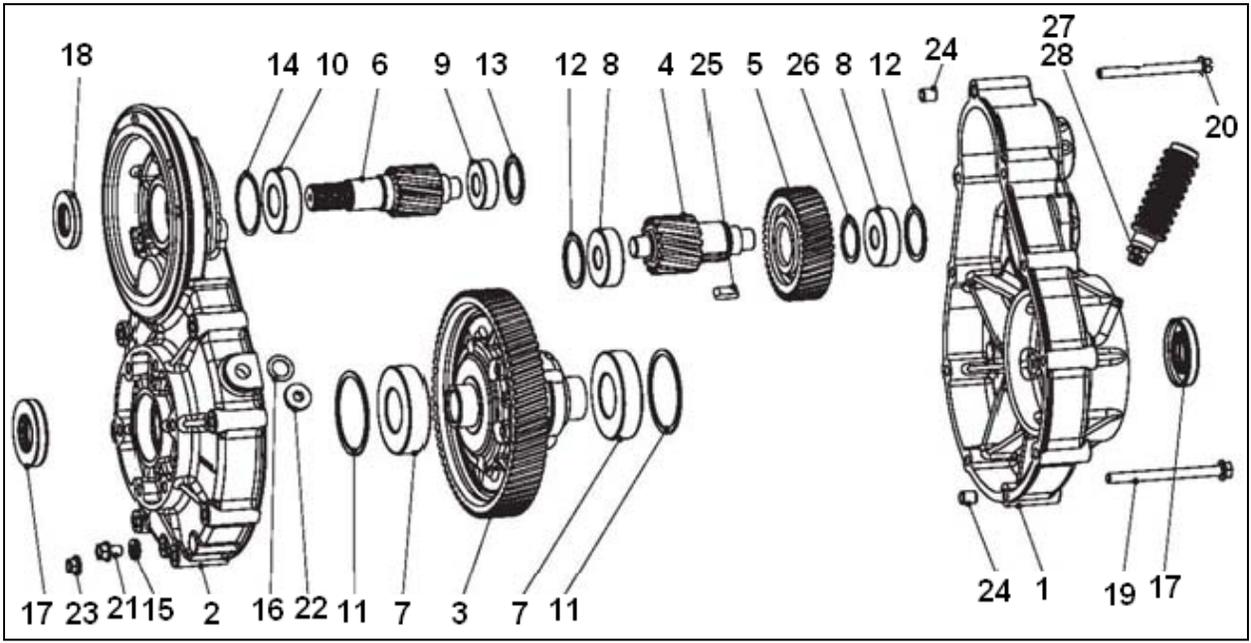
# NKL AXLE AC & DC MOTORS – BC



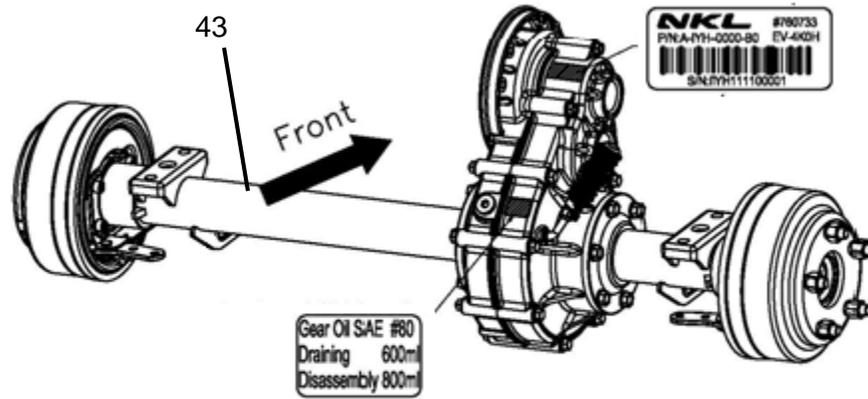
**NKL AXLE AC & DC MOTORS – BC (Cont.)**

<b>ITEM</b>	<b>CPC P/N</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>SEATS P/N</b>
1	3440	SCREW, 1/4-20X3/4 HHCS GD8	3	760827
2	7036-B	WASHER, LOCK 1/4	3	719834
3	6703-B	WASHER, 1/4	3	719811
4	9982	CLAMP STEEL TUBING 1/4	1	719756
5	11423	RESILIENT BUMPER	1	709050
6	6702-B	WASHER 5/16	1	719810
7	69301-04	MOTOR, ELEC 48V HD DIRECT W/TACH	1	719339
8	10011	CABLE TIE 4"	2	719502
9	22370-96	END CAP PLUG	1	729161
10	72464-12	SCREW, M6X35MM HHCS	6	781478
11	46270-08	WASHER, 6MM L/W	6	781405
12	46265-08	WASHER, 6MM F/W	6	781406
13	72461-12	MOTOR, 7KW AC	1	760570
13A	69531-13	MOTOR 8KW AC	1	760957

# NKL AXLE ASSEMBLY – BC



### NKL AXLE ASSEMBLY – BC (Cont.)



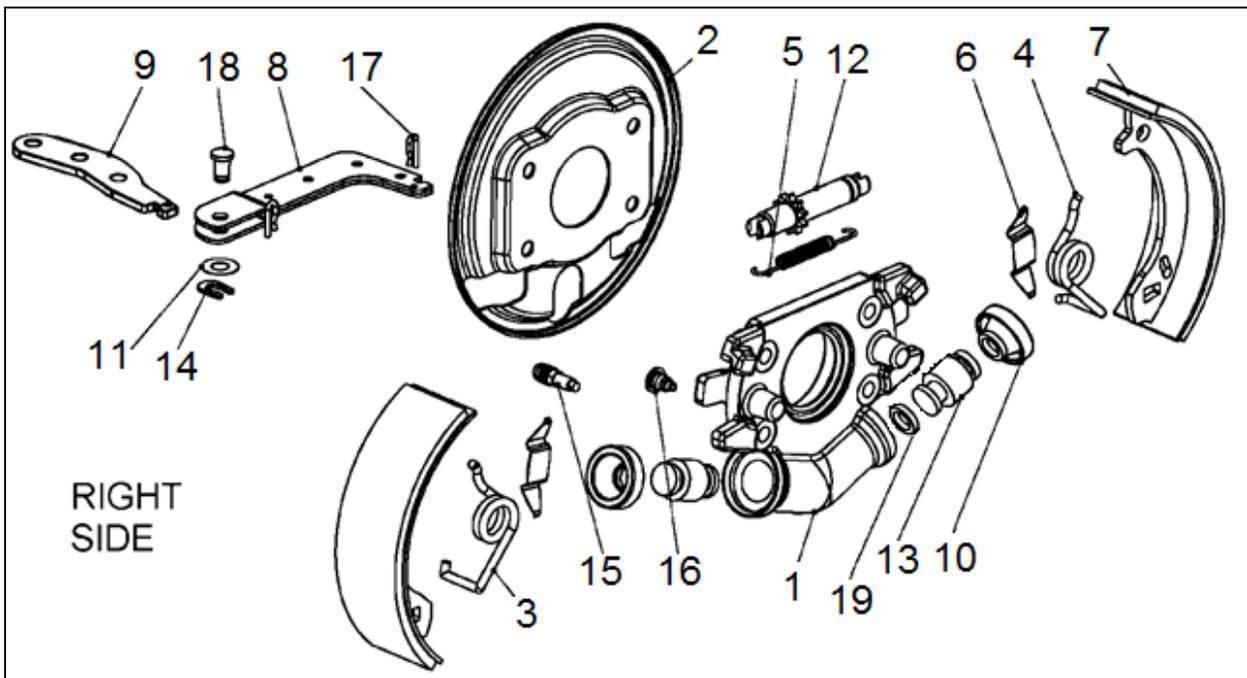
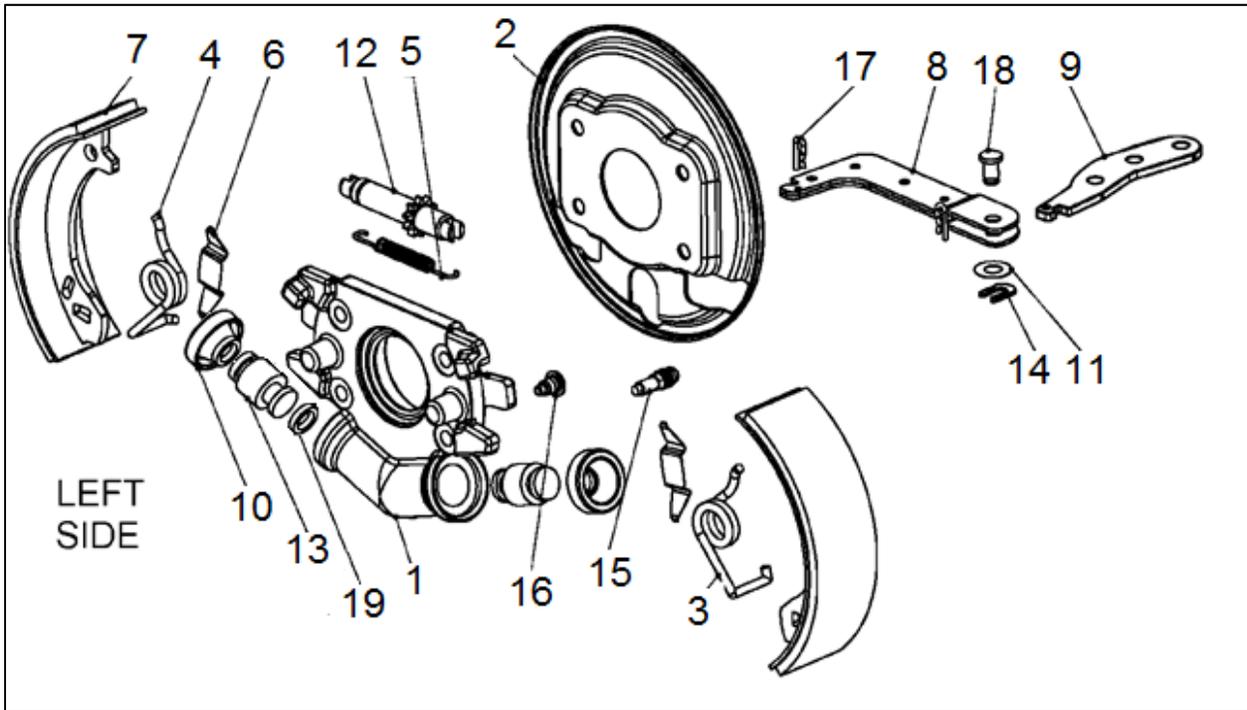
ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	*	COVER CASE ASSEMBLY	1	
2	*	GEAR CASE	1	
3	*	CARRIER GEAR (See Item 40)	1	
4	*	GEAR 15T (See Item 41)	1	
5	*	GEAR 40T (See Item 41)	1	
6	*	GEAR 18T (See Item 42)	1	
7	82904-13	BALL BEARING 6207 (See Item 40)	2	760926
8	82873-13	BALL BEARING 6303 (See Item 41)	2	760918
9	82783-13	BALL BEARING 6203 (See Item 42)	1	760921
10	82782-13	BALL BEARING 6205 (See Item 42)	1	760922
11	82905-13	SHIM 61X69X1.5t (See Item 40)	2	760925
12	82871-13	SHIM 36X44X1.5t (See Item 41)	2	760919
13	82784-13	SHIM 32X40X1.0t (See Item 42)	1	760920
14	82781-13	SHIM 45X51X1.5t (See Item 42)	1	760923
15	*	WASHER	1	
16	*	WASHER	1	
17	82906-13	SEAL 28X55X9h	2	760924
18	82949-13	SEAL 25X47X6h	1	760993
19	*	BOLT M8XP1.25X100L	7	
20	*	BOLT M8XP1.25X90L	3	
21	*	BOLT M8XP1.25X12L	1	
22	*	BOLT M14XP1.5X9.5L	1	
23	*	NUT M8XP1.25	10	
24	*	LOCATION PIN	2	
25	*	MACHINE KEY (See Item 30)	1	
26	82785-13	CIRCLIP – SHAFT 32 (See Item 30)	1	760917
27	*	BREATHER TUBE	1	
28	*	RING	1	

**NKL AXLE ASSEMBLY – BC (Cont.)**

<b>ITEM</b>	<b>CPC P/N</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>SEATS P/N</b>
29	*	GEAR BOX ASSY	1	
30	82994-13	SHAFT ASSY R	1	760986
31	82995-13	SHAFT ASSY L	1	760987
32	*	TUBE ASSY R	1	
33	*	TUBE ASSY L	1	
34	82927-13	DRUM	2	760927
35	*	BOLT M10X1.25X35L	12	
36	*	BOLT M8X1.25X40L	8	
37	*	NUT SHRAPNEL M8XP1.25	8	
38	*	NUT	10	
39	82909-13	BRAKE SHOE	4	760928
40	82981-13	CARRIER GEAR ASSY 10.37:1 (Includes Items 3, 7 & 11)	1	760939
40A	82984-13	CARRIER GEAR ASSY 16.77:1 (Includes Items 3, 7 & 11)		760935
41	82982-13	INTERM. GEAR ASSY 10.37:1 (Includes Items 4, 5, 8, 12, 25 & 26)	1	760934
41A	82985-13	INTERM. GEAR ASSY 16.77:1 (Includes Items 4, 8, 12, 25 & 26)	1	760936
42	82983-13	INPUT GEAR ASSY 10.37:1 (Includes Items 6, 9, 10, 13 & 14)	1	760938
42A	82986-13	INPUT GEAR ASSY 16.77:1 (Includes Items 6, 9, 10, 13 & 14)	1	760937
43	82669-12	AXLE, HD, NKL, 16.77:1, COMPLETE	1	760733
43A	82670-12	AXLE, HD, NKL, 10.37:1, COMPLETE	1	760734

\* Special Order

NKL AXLE HYDRAULIC BRAKES – BC

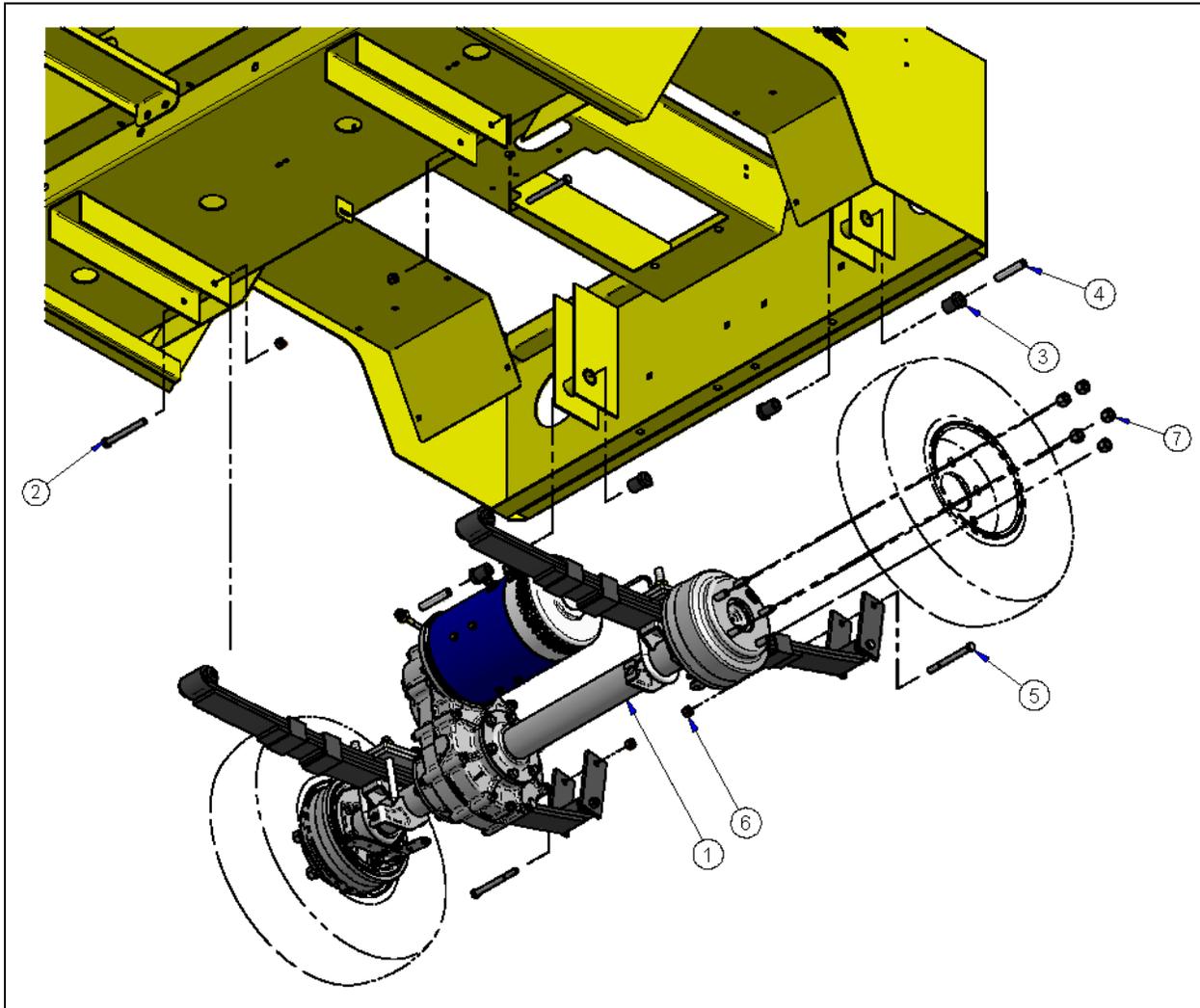


**NKL AXLE HYDRAULIC BRAKES – BC (Cont.)**

<b>ITEM</b>	<b>CPC P/N</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>SEATS P/N</b>
1	82987-13	MAIN BODY	1	760979
2	82988-13	COVER	1	760980
3	82989-13	SPRING (BLUE)	1	760981
4	82990-13	SPRING (YELLOW)	1	760982
5	*	SPRING	1	
6	*	SPRING PIECE	2	
7	82909-13	BRAKE SHOES	2	760928
8	*	L-TYPE LEVER	1	
9	*	LEVER	1	
10	40968-14	DUSTPROOF COVER KIT	2	192943U
11	*	WASHER	1	
12	*	ADJUSTMENT ASSEMBLY L	1	
12A	*	ADJUSTMENT ASSEMBLY R	1	
13	*	PISTON ASSEMBLY	2	
14	*	CIRCLIP	1	
15	*	EXHAUST VALVE ASSEMBLY	1	
16	*	BUSH ASSEMBLY	1	
17	*	COTTER PIN	2	
18	*	PIN	1	
19	*	OIL SEAL	1	
19	82992-13	LEFT BRAKE SET ASSEMBLY (Includes Items 12 – 19)	1	760984
20	82993-13	RIGHT BRAKE SET ASSEMBLY (Includes Items 12 – 19)	1	760985

\* SPECIAL ORDER

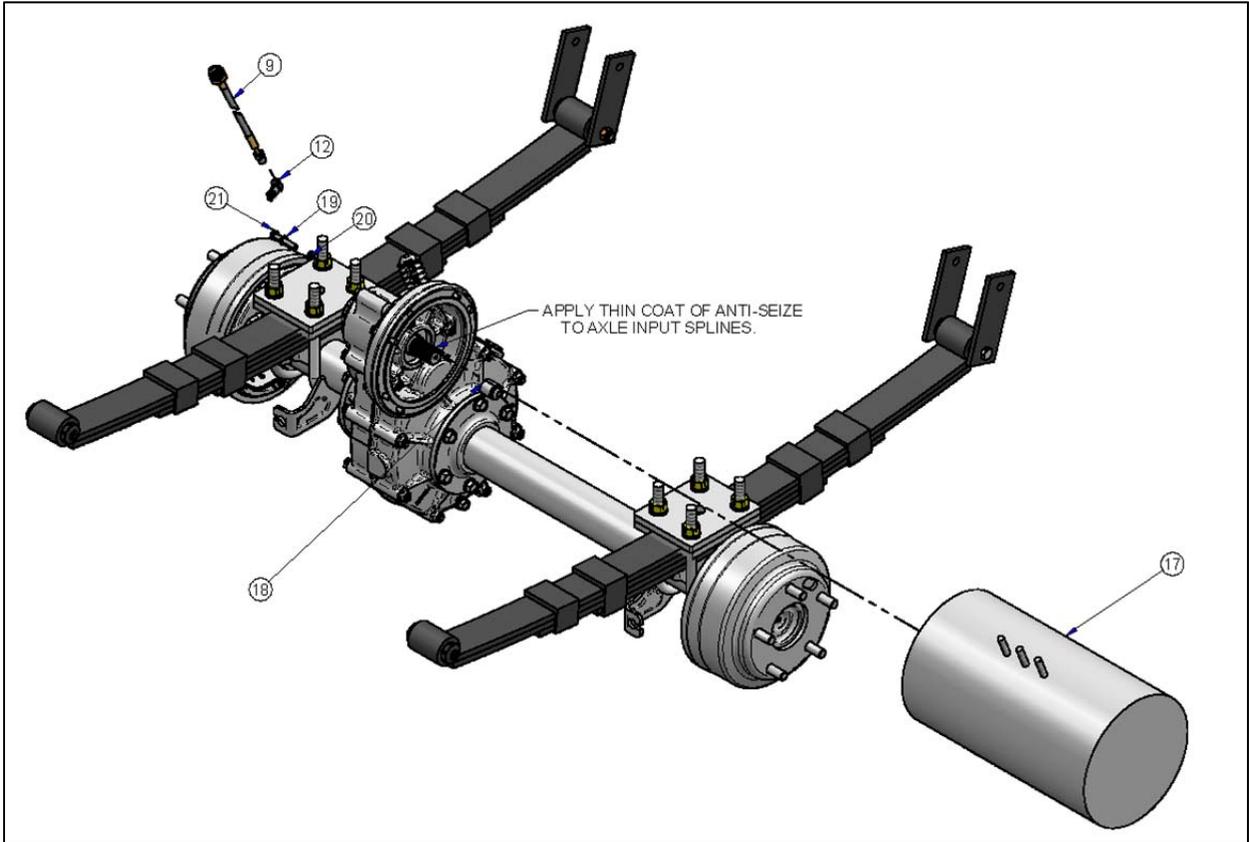
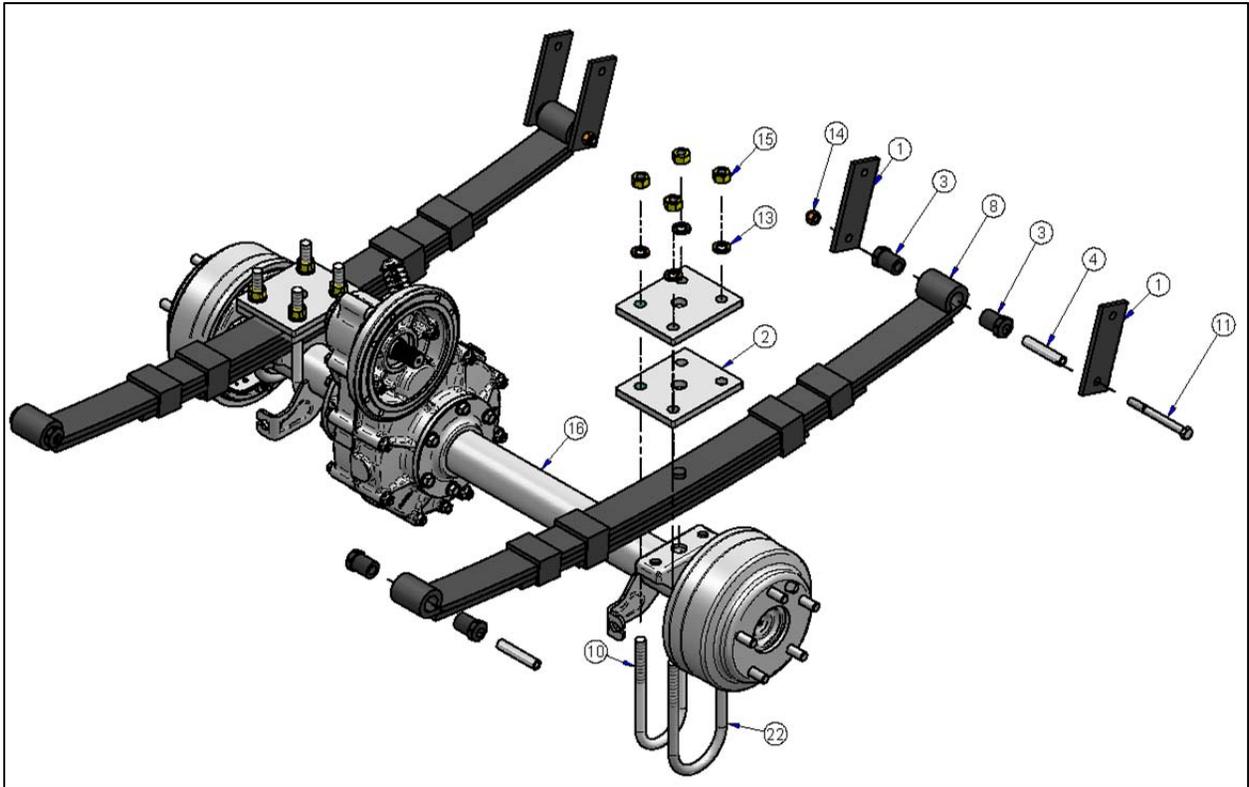
## REAR AXLE/BODY ATTACHMENT – BC



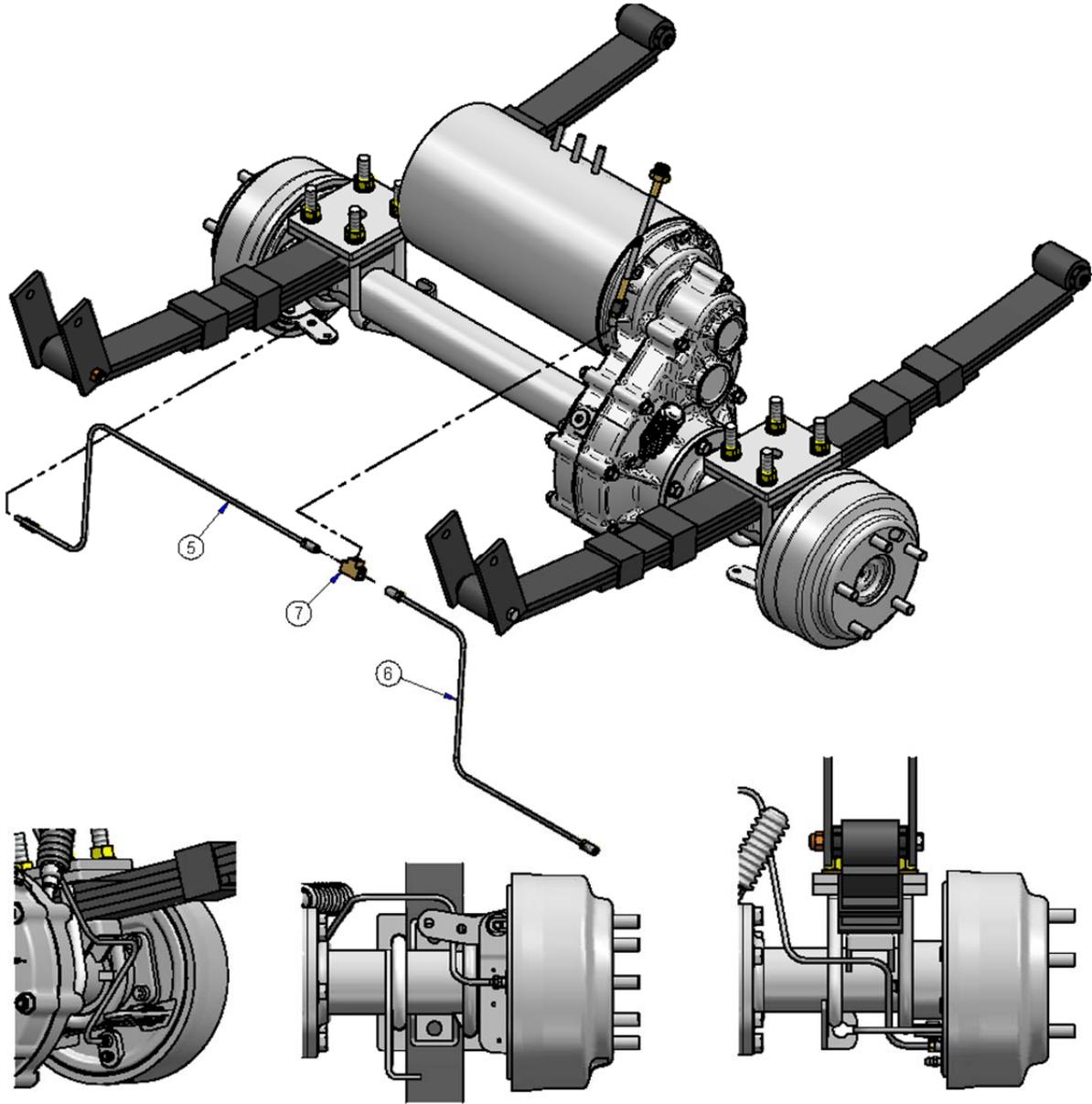
ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	*	NKL AXLE ASSEMBLY, BC2/3 16.77	1	467836
1A	*	NKL AXLE ASSEMBLY, BC2 10.37	1	467940
1B	*	AXLE ASSEMBLY BC4 AC POWER 20:1	1	468825
2	3416	SCREW, 3/8-16 3 1/2HHCS, G5	2	708526
3	10505	BUSHING, RUBBER 1/2X1 3/8	4	709015
4	5711	SPACER, SPLIT SEAM	2	709042
5	3453	SCREW, 3/8-16X3 3/4 HHCS, G5	2	719622
6	7778	NUT, 3/8-16 NYLOCK	4	719902
7	43152-66	NUT, 1/2-20 TAPERED	10	709002

\* SPECIAL ORDER

# AXLE 16:77, AC DRIVE – BC



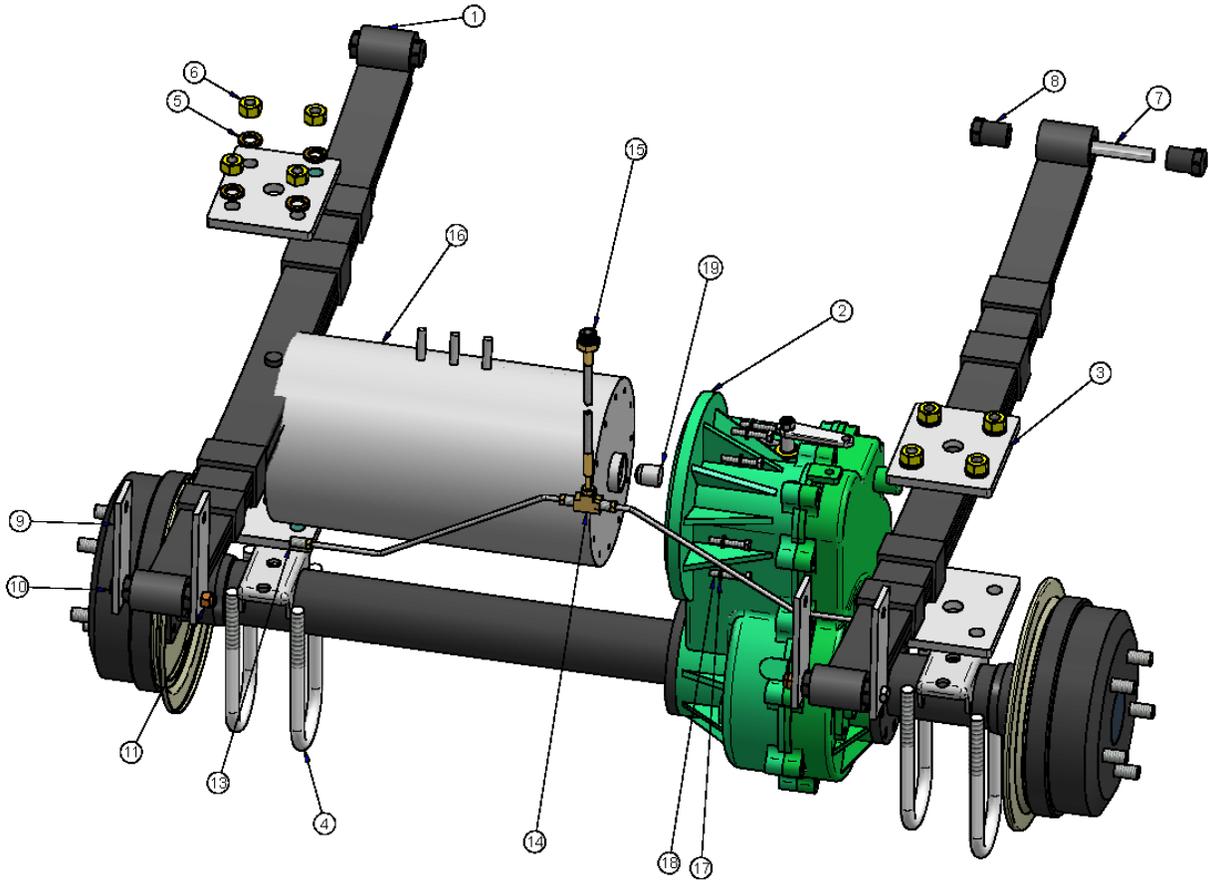
AXLE 16:77, AC DRIVE – BC (Cont.)



**AXLE 16:77, AC DRIVE – BC (Cont.)**

<b>ITEM</b>	<b>CPC P/N</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>SEATS P/N</b>
1	54801-00	CPC SUSPENSION SPRING SHACKLE	4	510364
2	54804-12	REAR SPRING PLATE	4	514353
3	10505	BUSHING, RUBBER, 1/2X 1-3/8	8	709015
4	5711	SPACER,SPLIT SEAM,.50X 2-1 "	4	709042
5	41440-02	BRAKE LINE, 3/16 X 30 (LH FORMED)	1	709232
6	41222-00	BRAKE LINE, 3/16 X 20 (RH FORMED)		709358
7	41842-94	UNION TEE, HYD BRAKE	1	709377
8	54814-00	LEAF SPRING ASSY,4-LEAF,SUSPENSION	2	709382
9	41216-00	BRAKE HOSE, HYD, FLEX, 22 "	1	709430
10	5214	U-BOLT, 1/2-13, 2.31 X 6.50, UNPLTD	2	709574
11	3453	SCREW, 3/8-16 X 3-3/4 HHCS GR5	2	719622
12	9982	CLAMP, STEEL TUBE, 1/4" VINYL CUSH	1	719756
13	7068	WASHER,1/2,ALLOY-SPLIT, L/W,YWZC	8	719840
14	7778	NUT,3/8-16,GA,NE,NYLON INSERT,YWZC	2	719902
15	7880	NUT, 1/2-13 GR 2 HEX FULL YWZC	8	719913
16	82669-12	AXLE, HD NKL, 16.77:1		760733
17	69531-13	MOTOR,AC,8KW, SCHABMUELLER	1	760957
18	69532-13	BUMPER, MOTOR, SCHABMUELLER AC	1	760991
19	46270-08	WASHER, 6MM, L/W, ZC	6	781405
20	46265-08	WASHER,6MM,F/W,ZC	6	781406
21	72464-12	M6 X 35MM HHCS	6	781478
22	54811-12	U-BOLT, 1/2-13, 2.81 X 6.75	2	782102

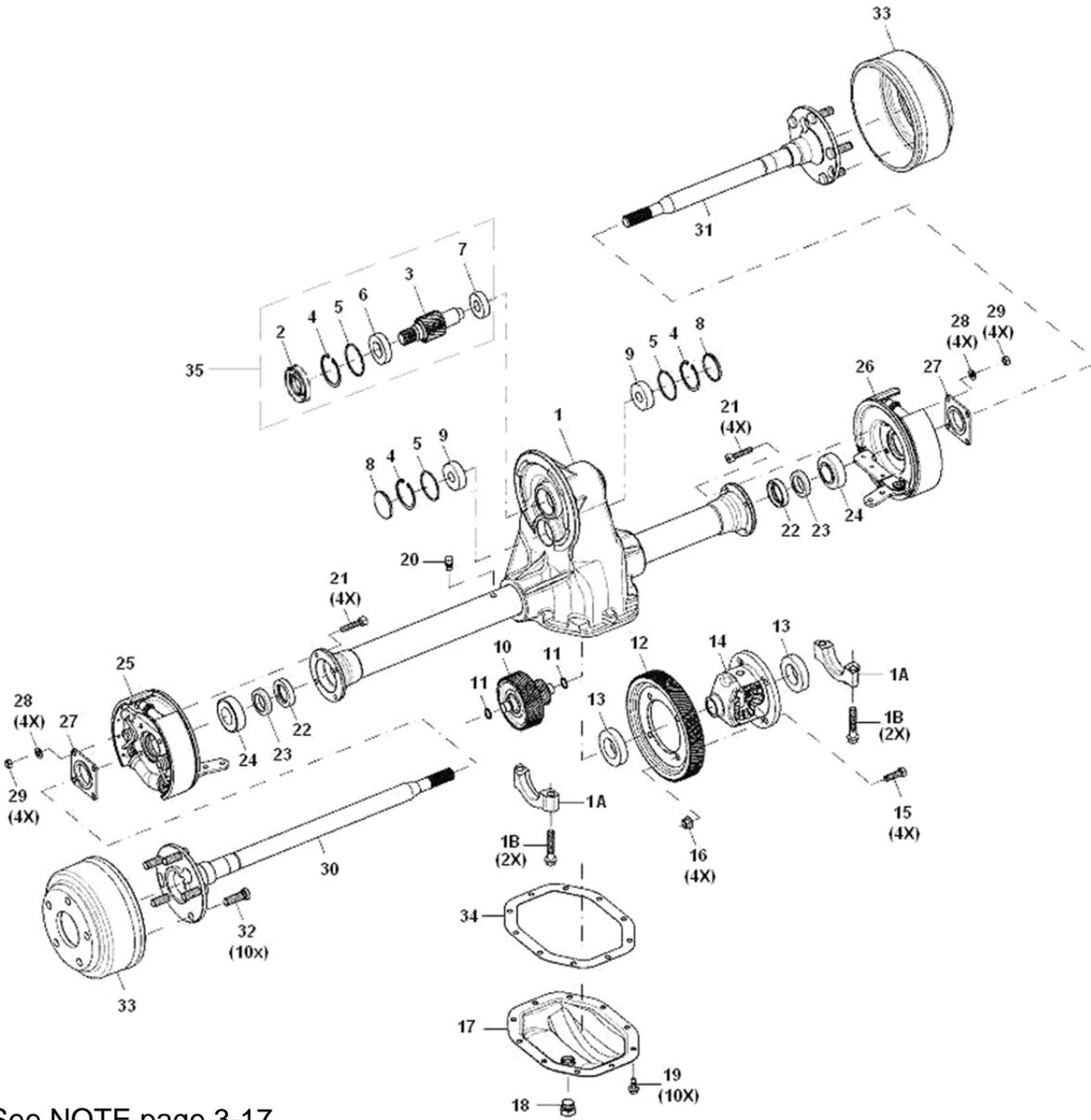
### AXLE 20:1, AC DRIVE – BC-4



ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	54814-00	LEAF SPRING ASSY, 4-LEAF,SUSPENSION	2	709382
2	82699-14	AXLE, BC4, DUAL RATIO, HYD (10:1/20:1)	1	761055
3	*	REAR SPRING PLATE, BC4 AC DRIVE	4	515775
4	5214	U-BOLT, 1/2-13, 2.31 X 6.50, UNPLTD	4	709574
5	7068	WASHER,1/2,ALLOY-SPLIT, L/W,YWZC	8	719840
6	7880	NUT, 1/2-13 GR 2 HEX FULL YWZC	8	719913
7	5711	SPACER,SPLIT SEAM,.50X 2-1 "	4	709042
8	10505	BUSHING, RUBBER, 1/2X 1-3/8	8	709015
9	54801-00	CPC SUSPENSION SPRING SHACKLE	4	510364
10	3453	SCREW, 3/8-16 X 3-3/4 HHCS GR5	2	719622
11	7778	NUT,3/8-16,GA,NE,NYLON INSERT,YWZC	2	719902
13	41519-00	BRAKE LINE, 3/16 X 12	2	709607
14	41842-94	UNION TEE, HYD BRAKE	1	709377
15	41216-00	BRAKE HOSE, HYD, FLEX, 22 "	1	709430
16	69531-13	MOTOR,AC,8KW, SCHABMUELLER	1	760957
17	46265-08	WASHER,6MM,F/W,ZC	6	781406
18	72464-12	M6 X 35MM HHCS	6	781478
19	69532-13	BUMPER, MOTOR, SCHABMUELLER AC	1	760991

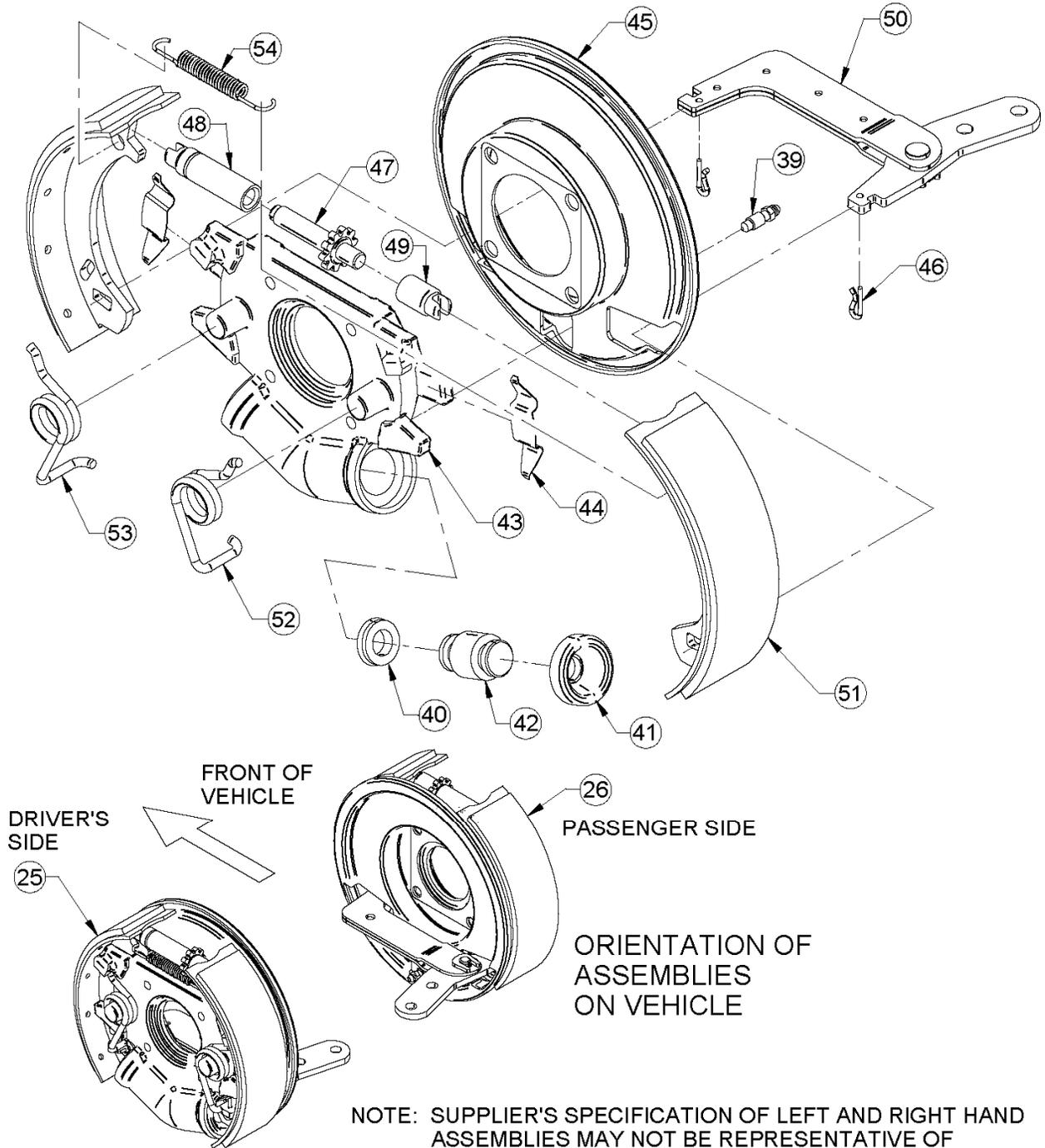
\* SPECIAL ORDER

# REAR AXLE AND BRAKES – DANA



See NOTE page 3-17

**REAR AXLE AND BRAKES – DANA (Cont.)**



**NOTE:** SUPPLIER'S SPECIFICATION OF LEFT AND RIGHT HAND ASSEMBLIES MAY NOT BE REPRESENTATIVE OF POSITION ON VEHICLE. VISUAL CONFIRMATION IS RECOMMENDED BEFORE ORDERING.

See NOTE page 3-17

**REAR AXLE AND BRAKES – DANA (Cont.)**

ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	N/A	HOUSING, AXLE	1	N/A
2	83165-08	SEAL, INPUT PINION	1	760371
3	*	GEAR, INPUT PINION (Available as Kit Item 35 & 37)	1	*
4	90006-90	RING, SNAP (Available as Kit Item 35 & 44)	3	749701
5	11118	O-RING (Available as Kit Item 35 & 44)	3	729030
6	90003-90	BEARING, BALL, INPUT SHAFT (Available as Kit Item 35, 38 & 44)	1	719077
7	90004-90	BEARING, BALL, INPUT GEAR (Available as Kit Item 35, 38 & 44)	1	749699
8	82808-90	PLUG, END CAP	2	749418
9	82810-90	BEARING, BALL (Available as Kit Item 38)	2	749419
10	*	SHAFT, INTERMEDIATE GEAR (Available as Kit Item 37)	1	*
11	11119	O-RING	2	719132
12	*	GEAR, FINAL DRIVE (Available as Kit Item 38)	1	*
13	90005-90	BEARING, BALL (Available as Kit Item 37)	2	749700
14	83212-00	DIFFERENTIAL ASSEMBLY	1	749575
15	N/A	SCREW, CAP	4	N/A
16	N/A	NUT, LOCK	4	N/A
17	90007-00	PLATE, COVER (Available as Kit Item 39)	1	749702
18	90008-00	PLUG, DRAIN/FILL (Available as Kit Item 39)	1	749704
19	N/A	SCREW, TAPPING	10	N/A
20	82701-90	VENT	1	759791
21	N/A	SCREW, SOCKET HEAD	8	N/A
22	83160-93	SEAL, OIL	2	749547
23	83167-93	RING, RETAINING	2	749549
24	83100-73	ASSEMBLY, BEARING, TAPERED ROLLER	2	749522
25	41814-93	ASSEMBLY, BRAKE, LH (Hydraulic)	1	729996
26	41813-93	ASSEMBLY, BRAKE, RH (Hydraulic)	1	729993
27	82811-93	SEAL, OIL	2	749421
28	83114-93	WASHER, FLAT	8	749530
29	83120-93	NUT, LOCK	8	749532
30	N/A	SHAFT, AXLE, LH LONG (Available as Kit Item 57)	1	N/A
31	82757-00	SHAFT, AXLE, RH SHORT(Available as Kit Item 58)	1	749403
32	41199	BOLT, WHEEL 1.500" (Available as Kit Item 57)	10	719655
32A	719463-05	BOLT, WHEEL 1.680" (Available as Kit Item 57)	10	719463
33	82830-93	DRUM, BRAKE	2	749427
34	82503-08	GASKET	1	759937
35*	83297-08	PINION & SEAL KIT 12.44:1 (Includes Items 2-7)	1	760373
35*	83219-08	PINION & SEAL KIT 16.99:1 (Includes Items 2-7)	1	760374
36*	82774-08	GEARSET KIT 12.44:1( Includes Items 4 – 13 & 35)	1	191701U
36A*	82776-08	GEARSET KIT 16.99:1( Includes Items 4 – 13 & 35)	1	191703U
37*	82817-09	RAW AXLE 12.44:1 (Obsolete - See Note)	1	759925

**REAR AXLE AND BRAKES – DANA (Cont.)**

<b>ITEM</b>	<b>CPC P/N</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>SEATS P/N</b>
37A*	82819-09	RAW AXLE 16.99:1 (Obsolete - See Note)	1	759922
38	82779-08	PINION SEAL KIT (INCLUDES ITEMS 2 & 4 – 7) ONLY FOR USE WITH ITEM 35.	1	191697U
39	41888-93	BLEEDER VALVE	2	719296
40	41890-93	HYDRAULIC CUP	4	739022
41	41886-93	BOOT & RING	4	739021
42	41892-93	PISTON, WHEEL CYLINDER (Includes Items 40 & 41)	4	739023
43	41884-93	TORQUE SPIDER (Includes Items 39-42)	2	719076
44	41928-93	SPRING, SHOE HOLD DOWN	4	719075
45	41926-93	DUST SHIELD	2	739030
46	41920-93	PIN, RETAINER, PARKING BRAKE LEVER	4	739029
46	41918-93	SPRING, ADJUSTING SCREW	2	739028
47	41880-93	ADJUSTING SCREW	2	719294
48	41878-93	NUT, PIVOT, ADJUSTING SCREW	2	719295
49	41882-93	SOCKET, ADJUSTING SCREW	2	739020
50	41894-93	STRUT & LEVER ASSEMBLY, PARKING BRAKE	2	739024
51	41912-93	SHOE & LINING ASSEMBLY SET	2	719046
52	41914-93	SPRING, SHOE RETURN, LH (GREEN OR BLUE)	2	739026
53	41916-93	SPRING, SHOE RETURN, RH (RED OR YELLOW)	2	739027
54	41918-93	SPRING, ADJUSTING SCREW	2	739028
56	19316-00	12.44 RATIO COMPLETE AXLE (Obsolete - See Note)	1	307242
56A	82886-05	16.99 RATIO COMPLETE AXLE (Obsolete - See Note)	1	307244
57	90013-08	KIT, SHAFT & BOLT LH (Includes Items 30 & 32)	1	759936
58	90012-00	KIT, SHAFT & BOLT RH (Includes Items 31 & 32)	1	719258

\*\* NOT SHOWN

\* SEE GEAR SETS PAGE 3-18

NOTE: The 12.44 axle has been replaced. Contact P&A for a special order.  
 The 16.99 axle has been replaced. Contact P&A for a special order.  
 Limited parts available for the obsolete axle assemblies.

# REAR AXLE AND BRAKES – BC2 (Cont.)

## GEAR SETS

NOTE A:  
CAN BE USED FOR SERVICING 2008 & EARLIER AXLES WHEN REPLACEMENT GEARS NEEDED -  
ORDER NEW PINION SHAFT DESIGN COMPLETE ASM.

NOTE B:  
NEW SEAL LIP PINION &  
GEAR SET KIT NOW INCLUDES:  
- SEALING O-RINGS  
- END CAP PLUGS  
- BEARINGS

SEE NOTE A

KIT (INCLS GEARS, PINION&SEAL KIT & COMPONENT PARTS)		
CPC PN	SI PN	GEAR RATIO
82773-08	191700U	10.35:1
82774-08	191701U	12.44:1
82775-08	191702U	14.76:1
82776-08	191703U	16.99:1

NOTE C:  
CAN ALSO SERVICE EARLIER AXLES

INTERMEDIATE & RING GEAR SET		INTERMEDIATE GEARS		RING GEAR	
SI PN	GEAR RATIO	NO. OF TEETH	QTY	NO. OF TEETH	QTY
760376	10.35:1	22 & 53	1	116	1
760402	12.44:1	24 & 55	1	114	1
760401	14.76:1	22 & 56	1	116	1
760400	16.99:1	22 & 58	1	116	1

NOTE D:  
PINION SEAL KIT 191697U  
(CPC 82779-08)  
FOR USE ONLY WITH  
NEW PINION SHAFT DESIGN

SEE NOTE C

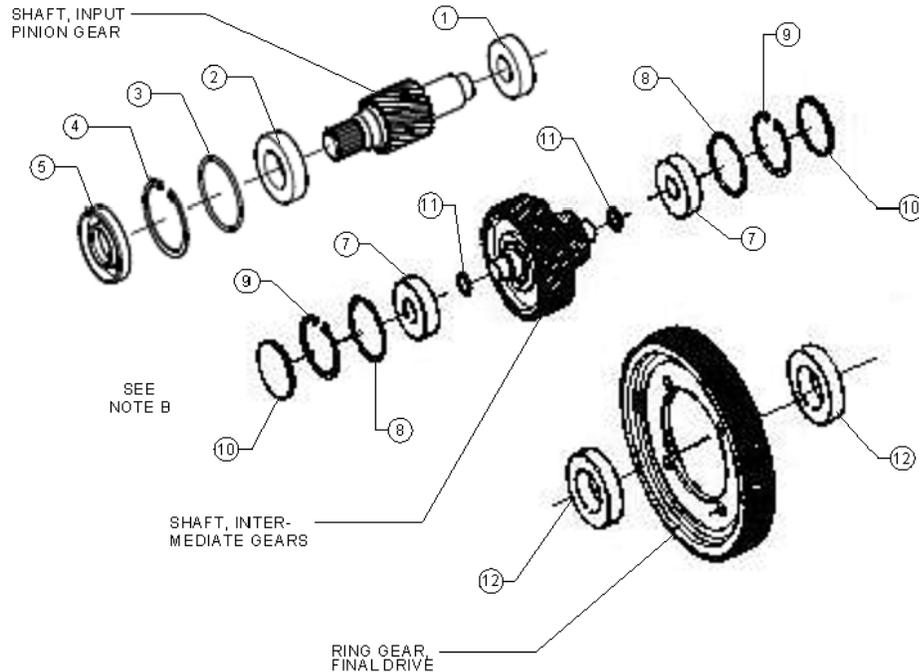
PINION & SEAL KIT (INCLUDES ITEMS IN SEAL KIT 191697U)				PINION GEAR		
CPC PN	SI PN	DESCRIPTION	QTY	GEAR RATIO	NO. OF TEETH	QTY
83218-08	760372	NEW LIP SEAL PINION KIT	1	10.35:1	27	1
83297-08	760373	NEW LIP SEAL PINION KIT	1	12.44:1	21	1
83214-08	760386	NEW LIP SEAL PINION KIT	1	14.76:1	20	1
83219-08	760374	NEW LIP SEAL PINION KIT	1	16.99:1	18	1

SEE NOTE D

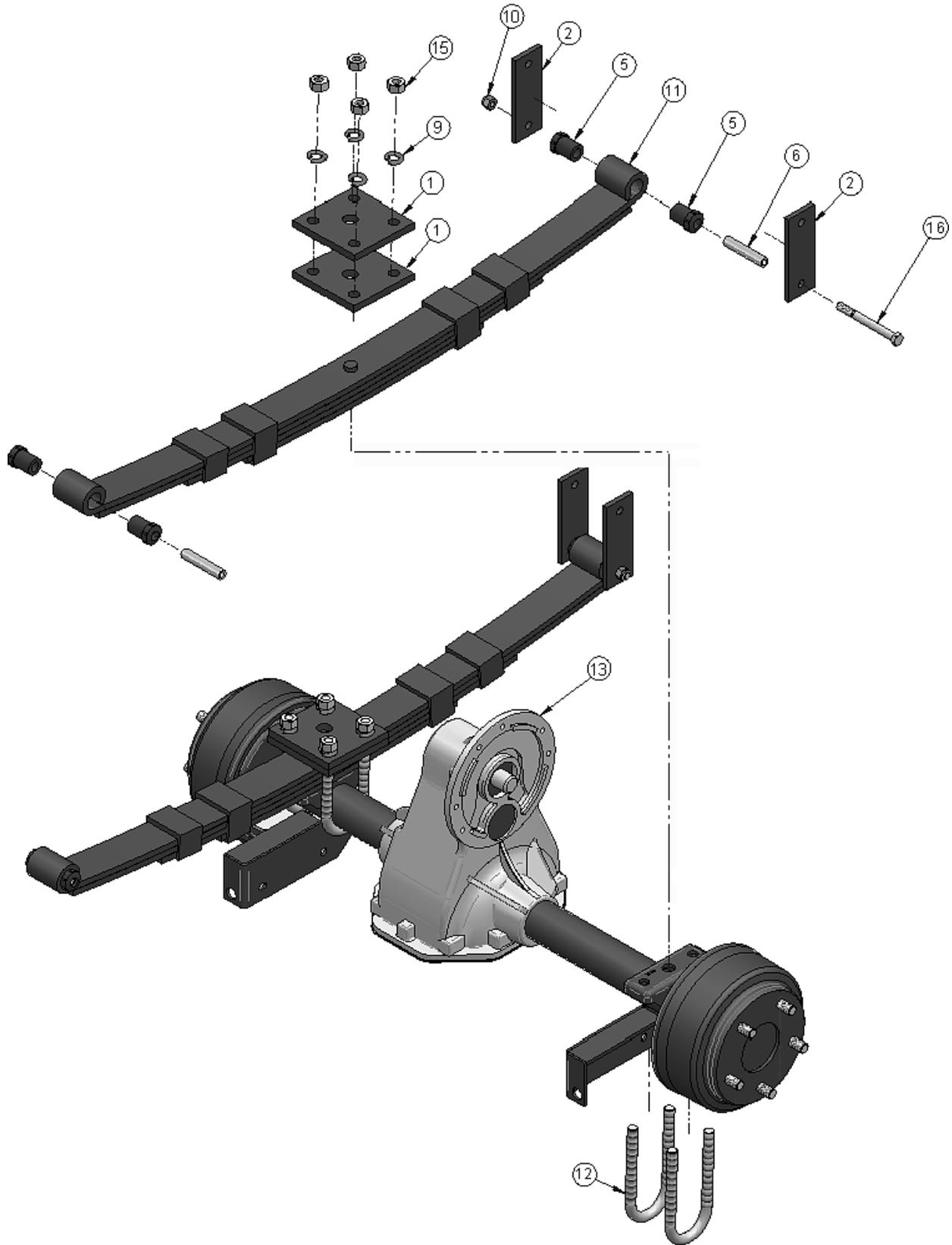
PINION SEAL KIT 191697U / (CPC # 82779-08)				
	CPC PN	SI PN	DESCRIPTION	QTY
1	90004-90	749699	BEARING BALL INNER	1
2	90014-08	760375	BEARING BALL OUTER	1
3	11118	729030	O-RING	1
4	90006-90	749701	RING SNAP	1
5	83165-08	760371	OIL SEAL - INPUT SHAFT	1
6*	N/A	N/A	INSTRUCTION SHEET	1

\* ITEM NOT SHOWN

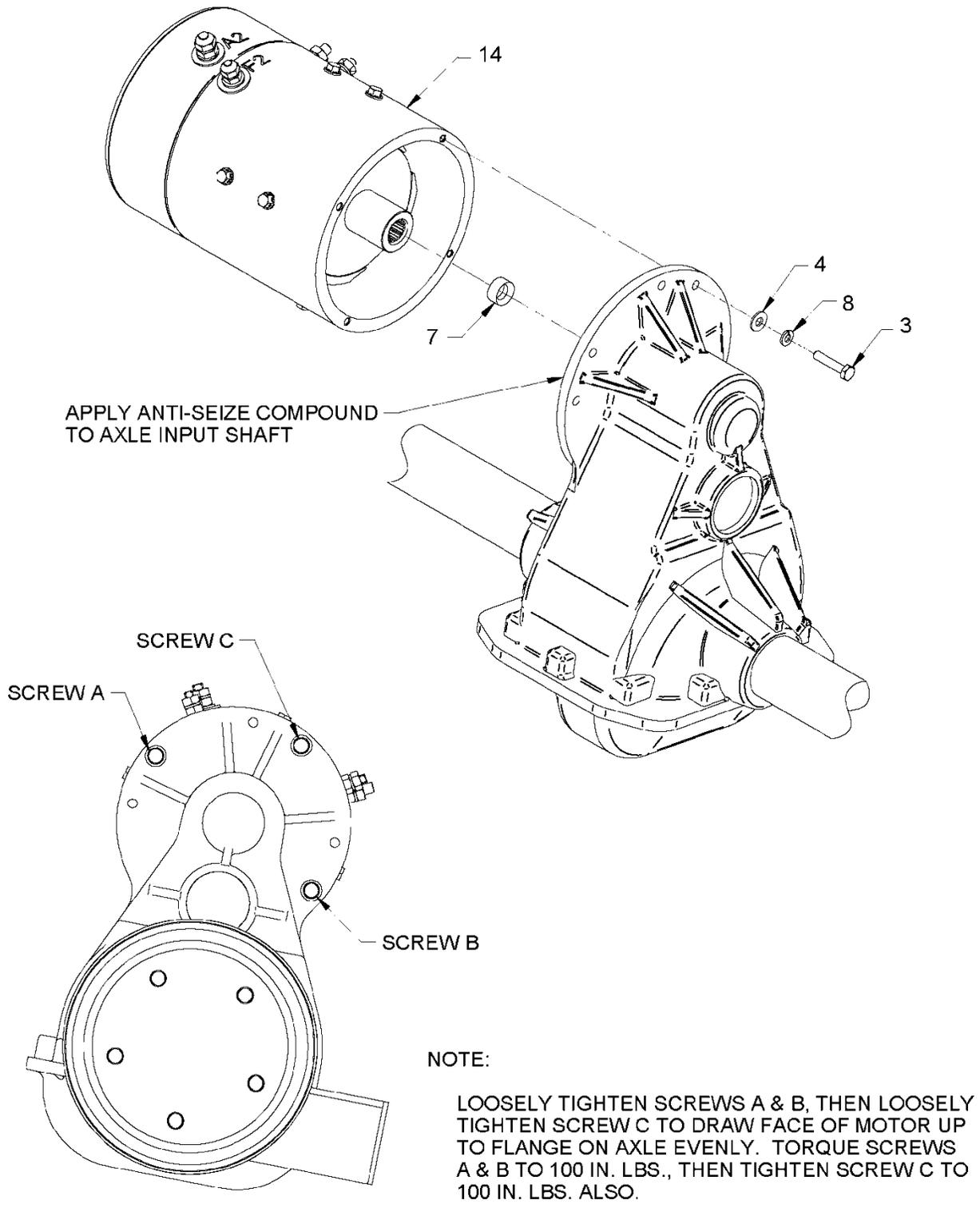
COMPONENTS FOR GEAR SET KIT (SEE KIT CHART)				
	CPC PN	SI PN	DESCRIPTION	QTY
7	82810-90	749419	BEARING BALL	2
8	11118	729030	O-RING	2
9	90006-90	749701	RING SNAP	2
10	82808-90	749418	PLUG END CAP	2
11	11119	719132	O-RING	2
12	90005-90	749700	BEARING BALL	2



# REAR AXLE ASSEMBLY – BC 2



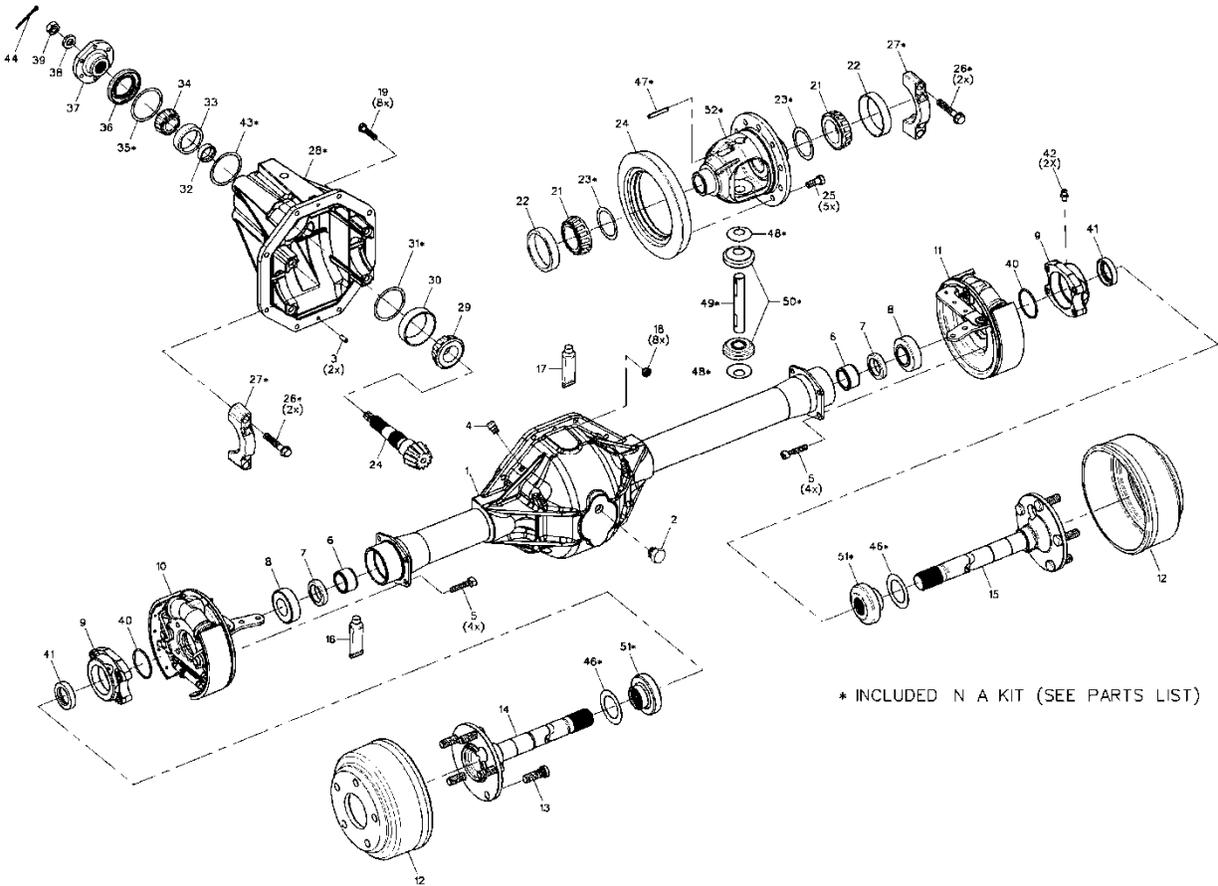
**REAR AXLE ASSEMBLY – BC2 (Cont.)  
MOTOR INSTALLATION**



**REAR AXLE ASSEMBLY – BC2 (Cont.)**

<b>ITEM</b>	<b>CPC P/N</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>SEATS P/N</b>
1	82695-12	SPRING PLATE	4	513980
2	54801-00	SPRING SHACKLE	4	510364
3	708616	SCREW, 1/4-20-1 1/4 HHC	3	708616
4	6703-B	WASHER, 1/4	3	719811
5	10505	BUSHING, RUBBER 1/2X1 3/8	8	709015
6	5711	SPACER, .5X2-1	4	709042
7	11423	RESILIENT BUMPER ELEC MOTOR	1	709050
8	7036-B	WASHER, LOCK 1/4	3	719834
9	7068	WASHER, LOCK 1/2	8	719840
10	7778	NUT, 3/8-16 NYLOCK	2	719902
11	54814-00	LEAF SPRING ASSMY, 4 LEAF	2	709382
12	5205	U-BOLT,	4	709425
13	19316-00	AXLE, HD 12.44	1	307242
13A	82693-09	AXLE, HD 16.99	1	309692
14	69300-03	MOTOR, ELEC., 48V SEP EX STD DUTY	1	719135
15	7880	NUT, 1/2-13 HEX	8	719913
16	41199	SCREW, 3/8-16X3 1/2 HHC GR5	2	719655
17	9982	CLAMP STEEL TUBING 1/4	1	719756
18	6702-B	WASHER, 5/16	1	719810

## REAR AXLE AND BRAKES – BC3- DANA M18



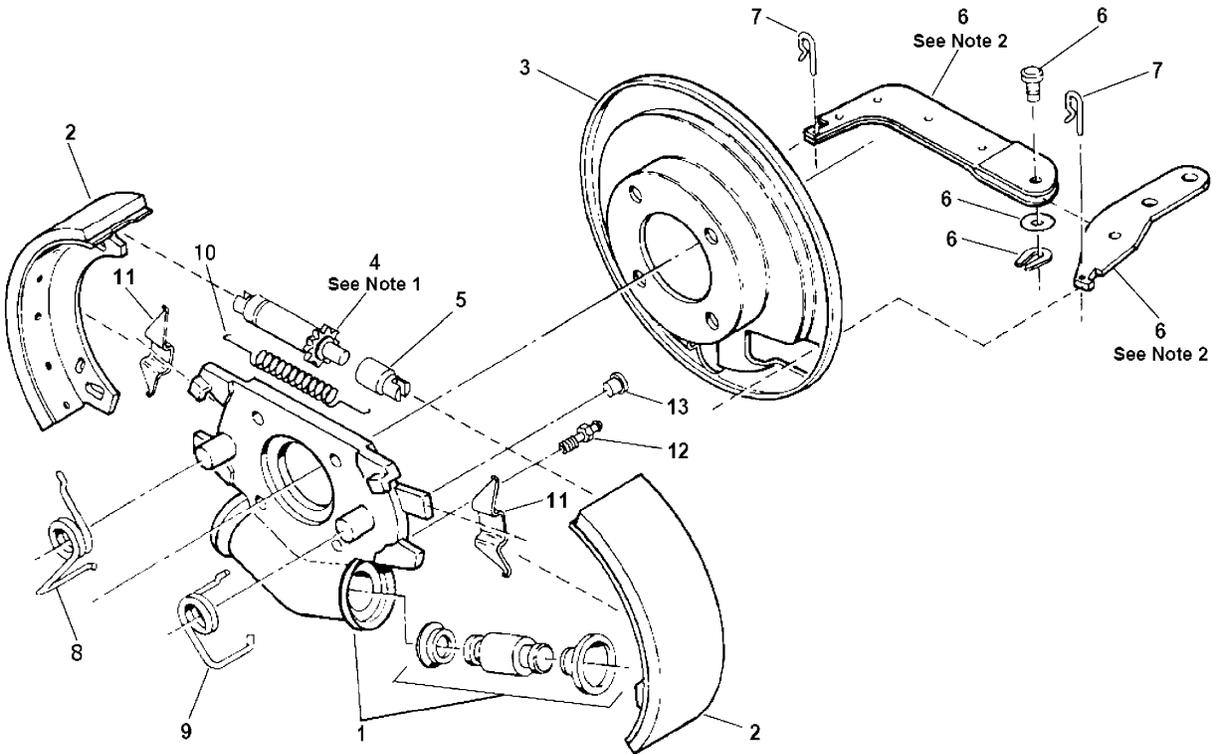
ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	*	ASSMY, LOWER HOUSING & TUBES	1	N/A
2	*	PLUG, FILL	1	N/A
3	*	PIN, DOWEL	2	N/A
4	*	VENT	1	N/A
5	*	SCREW	8	N/A
6	12005	RETAINER, BEARING	2	759767
7	12008	SEAL, OIL	2	759761
8	83100-73	CUP W/CONE	2	749522
9	40893-12	SEAL, GREASE	2	760763
10	41601-06	ASSY, BRAKE RH	1	759763
11	41602-06	ASSY, BRAKE LH	1	759764
12	82830-93	DRUM, BRAKE	2	749427
13	*	STUD, WHEEL	10	N/A
14	*	AXLE SHAFT RH	1	N/A
15	*	AXLE SHAFT LH	1	N/A
16	*	GASKET SEALANT	1	N/A
17	*	GASKET SEALANT	1	N/A
18	*	NUT	8	N/A
19	*	SCREW	8	N/A
20	*	KIT, ASSY, (Includes Items 46 – 52)	1	N/A

ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
21	*	CONE, BEARING	2	N/A
22	*	CUP, BEARING	2	N/A
23	*	Kit, SHIM DIFFERENTIAL	2	N/A
24	*	GEAR SET, GEAR & PINION	1	N/A
25	*	SCREW	10	N/A
26	*	SCREW, CAP, BEARING (Includes Item 29)	4	N/A
27	*	CAP, BEARING (Includes Item 29)	2	N/A
28	*	CARRIER SUBASSY (Includes Items 27 & 28)	1	N/A
29	*	CONE, BEARING	1	N/A
30	*	CUP, BEARING	1	N/A
31	*	KIT, SHIM, PINION	A/R	N/A
32	*	SPACER, PINION	1	N/A
33	*	CUP, BEARING	1	N/A
34	*	CONE, BEARING	1	N/A
35	*	WASHER	1	N/A
36	12007	SEAL, OIL	1	759753
37	*	FLANGE, COMPANION	1	N/A
38	*	SPACER	1	N/A
39	40892-12	NUT, LOCK	1	760765
40	*	O-RING	2	N/A
41	*	SEAL, OIL	2	N/A
42	*	GREASE FITTING	2	N/A
43	*	KIT, SHIM	A/R	N/A
44	*	PIN, COTTER	1	N/A
46	*	WASHER, THRUST	2	N/A
47	*	PIN, ROLL	1	N/A
48	*	WASHER, THRUST	2	N/A
49	*	SHAFT, CROSS, DIFFERENTIAL	1	N/A
50	*	PINION, DIFFERENTIAL	2	N/A
51	*	GEAR, DIFFERENTIAL	2	N/A
52	*	CASE, DIFFERENTIAL	1	N/A

\* SPECIAL ORDER

\*\* NOT SHOWN

## REAR AXLE AND BRAKES – BC3 DANA M18 -Cont.



**NOTES:**

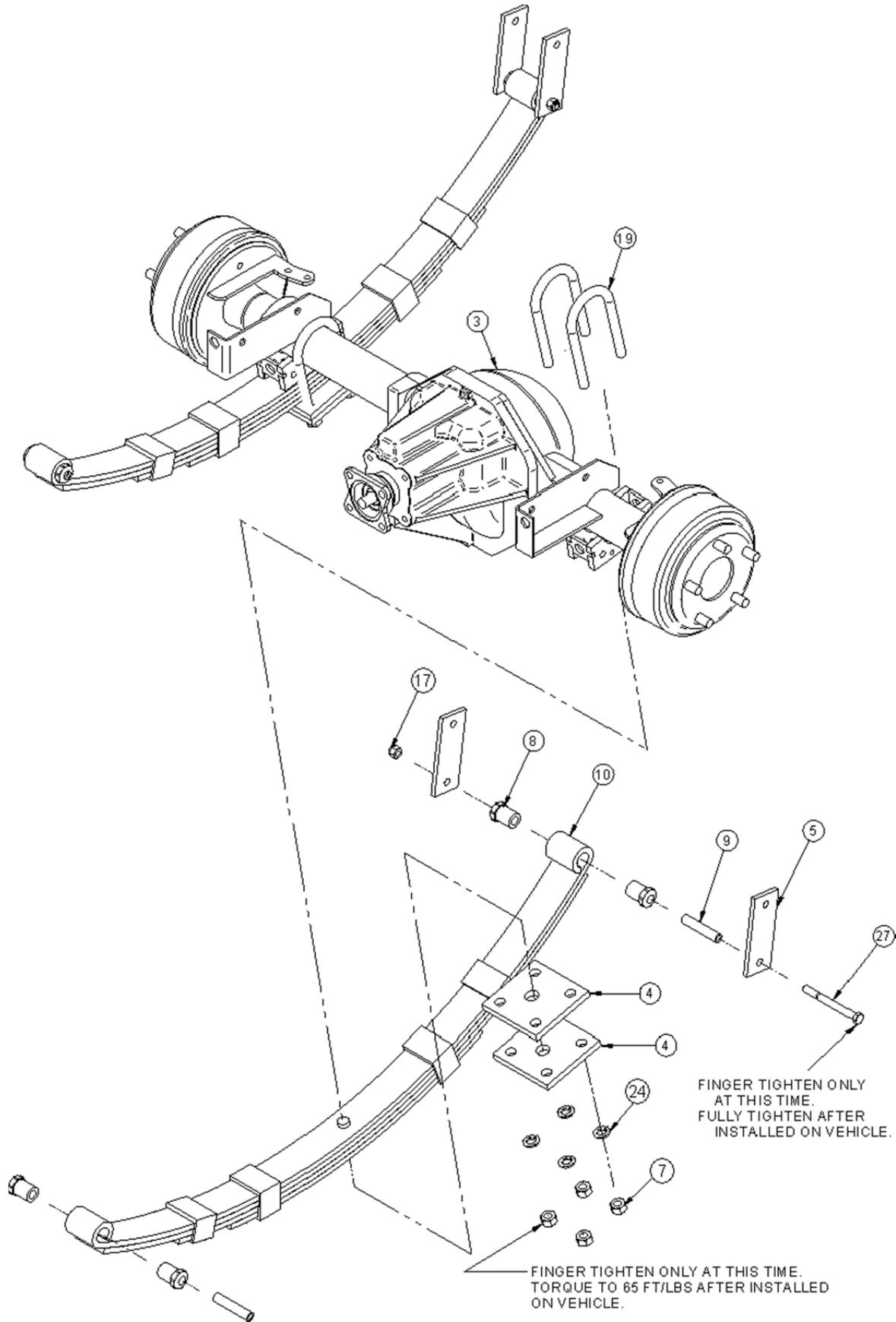
1. FOR L.H. BRAKE, ASSEMBLE WITH STAR WHEEL TOWARDS FRONT OF AXLE (AS SHOWN). USE OPPOSITE PROCEEDURE FOR R.H. BRAKES.
2. BRAKE ACTUATING LEVERS SHOWN FOR R.H. BRAKE ASSEMBLY. REVERSE FOR L.H. BRAKE ASSEMBLY.

ITEM	CPC P/N	DESCRIPTION	QTY**	SEATS P/N
1	41604-06	KIT, TORQUE SPIDER ASSY	1	759766
2	41603-06	KIT, SHOE AND LINING	2	759765
3	-	DUST SHIELD	1	*
4	-	MANUAL ADJUSTER	1	
5	-	PIVOT	1	
6	-	KIT, LEVER ASSY	1	
7	-	SPRING CLIP	2	
8	-	SPRING	1	
9	-	SPRING	1	
10	-	SPRING, TENSION	1	
11	-	SPRING, HOLD DOWN	2	
12	-	BLEEDER	1	
13	-	BLEEDER CAP	1	
14*	-	KIT, SPRING (Includes Items 8-11)	1	
15*	41602-06	LEFT HAND ASSY	1	759764
16*	41601-06	RIGHT HAND ASSY	1	759763

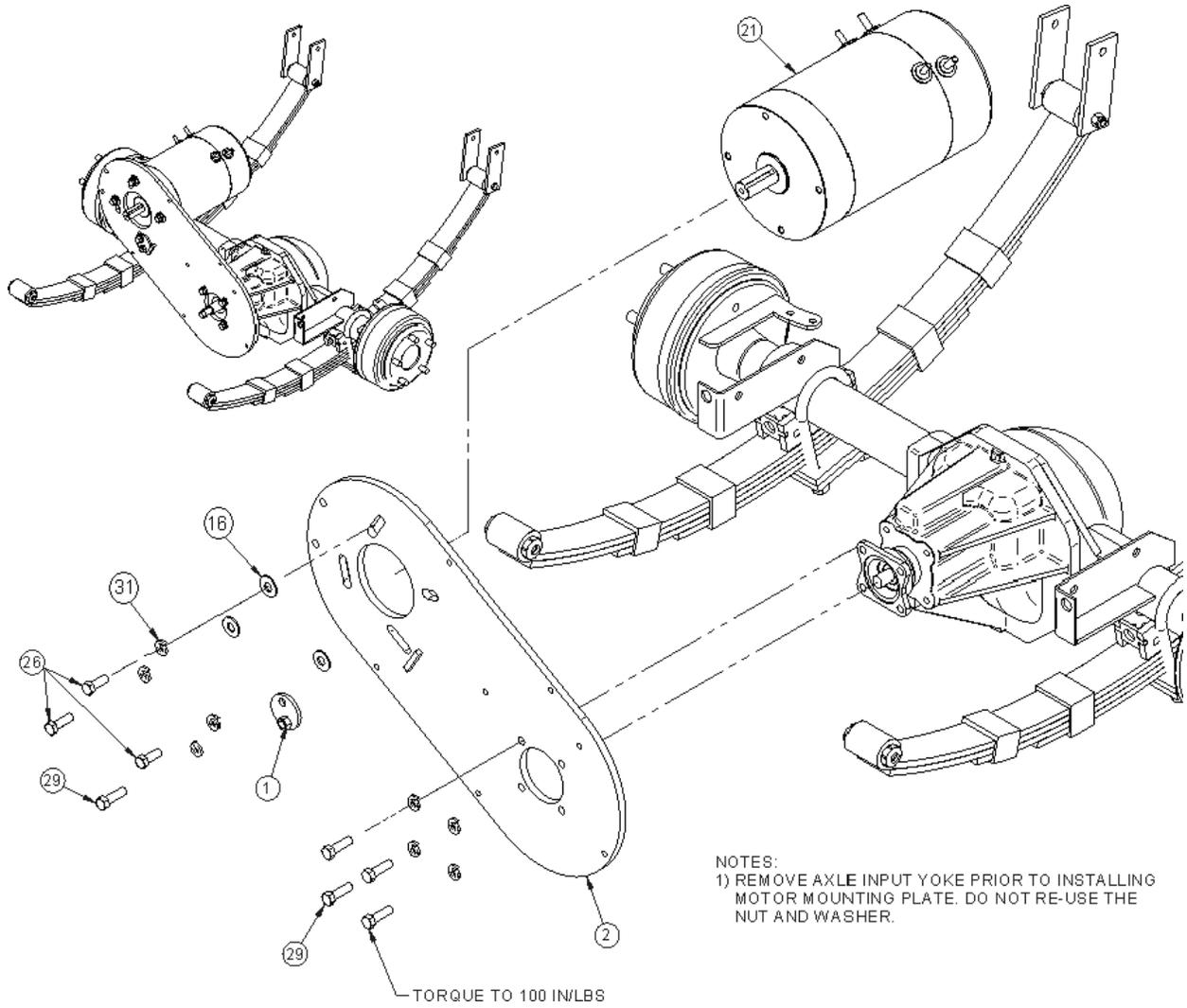
\* NOT SHOWN  
- SPECIAL ORDER

\*\* QTY TO SERVICE ONE BRAKE ASSY

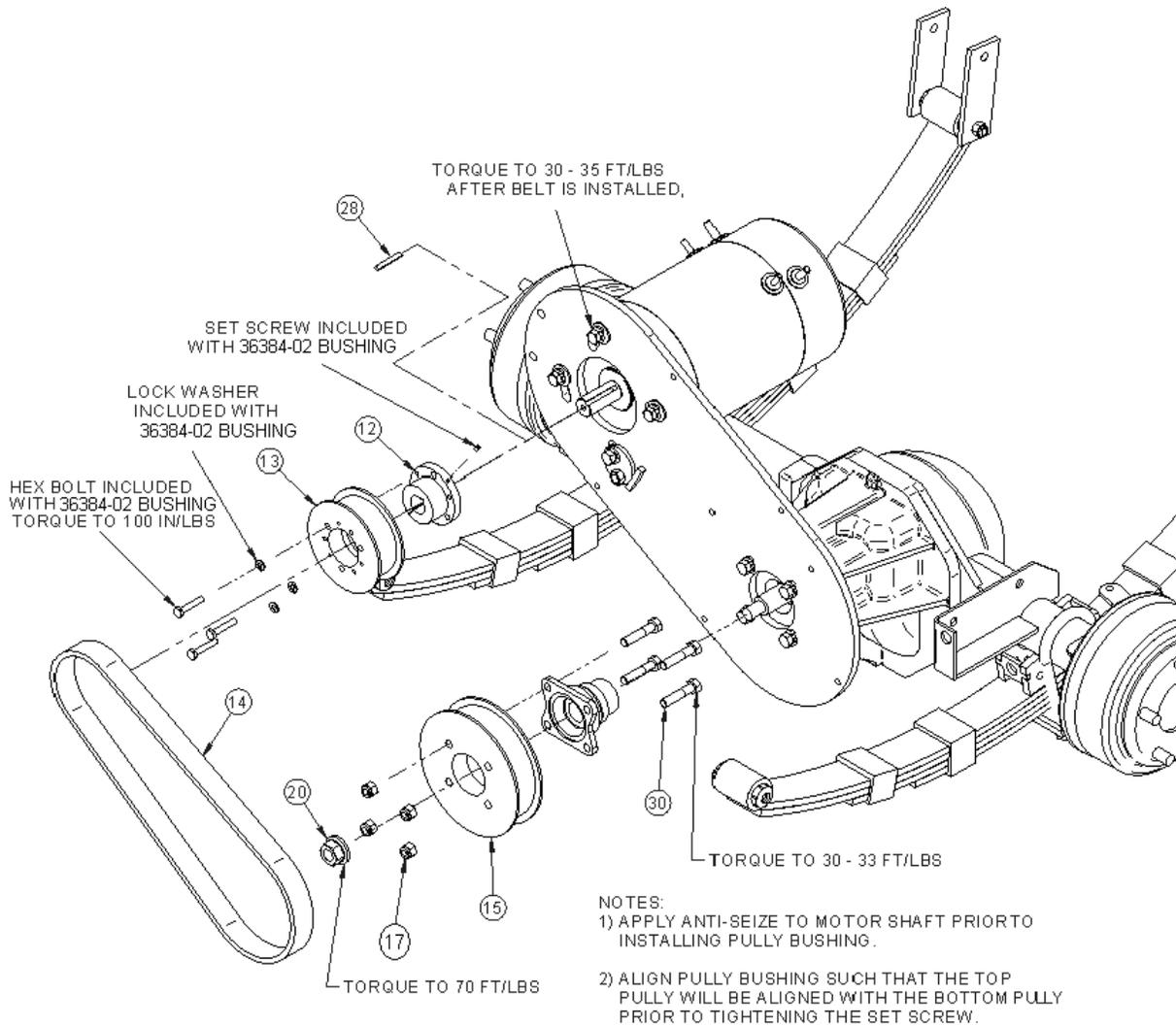
# REAR AXLE ASSEMBLY – BC3 - DANA M18



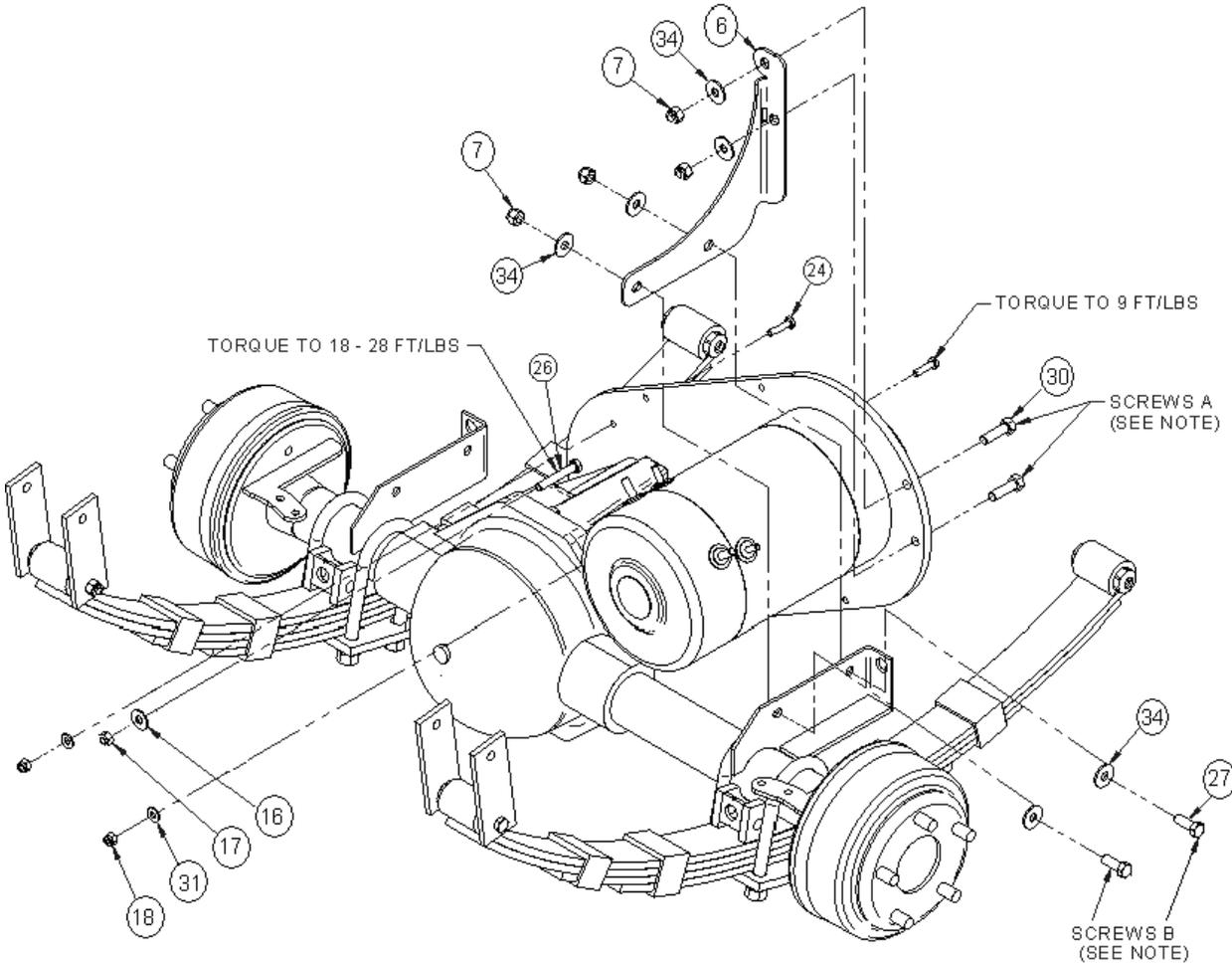
# REAR AXLE ASSEMBLY – BC3 - DANA M18 (Cont.)



## REAR AXLE ASSEMBLY – BC3 -DANA M18 (Cont.)

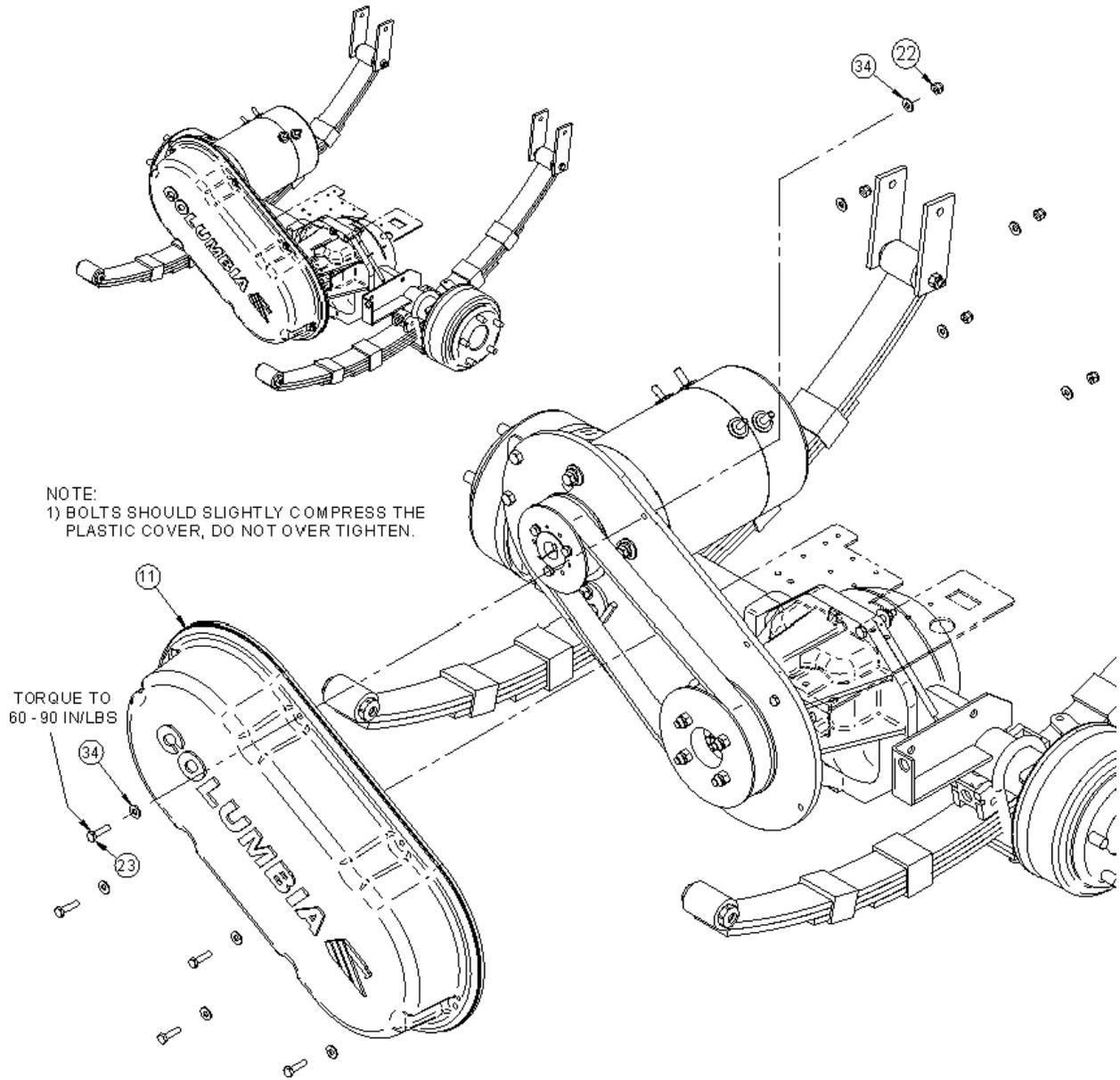


**REAR AXLE ASSEMBLY – BC3 - DANA M18 Cont.)**



NOTE: TORQUE SCREWS A TO 30-35 FT. LBS. WHILE SCREWS B ARE FINGER TIGHT THEN TORQUE SCREWS B TO 30-35 FT. LBS. ALSO

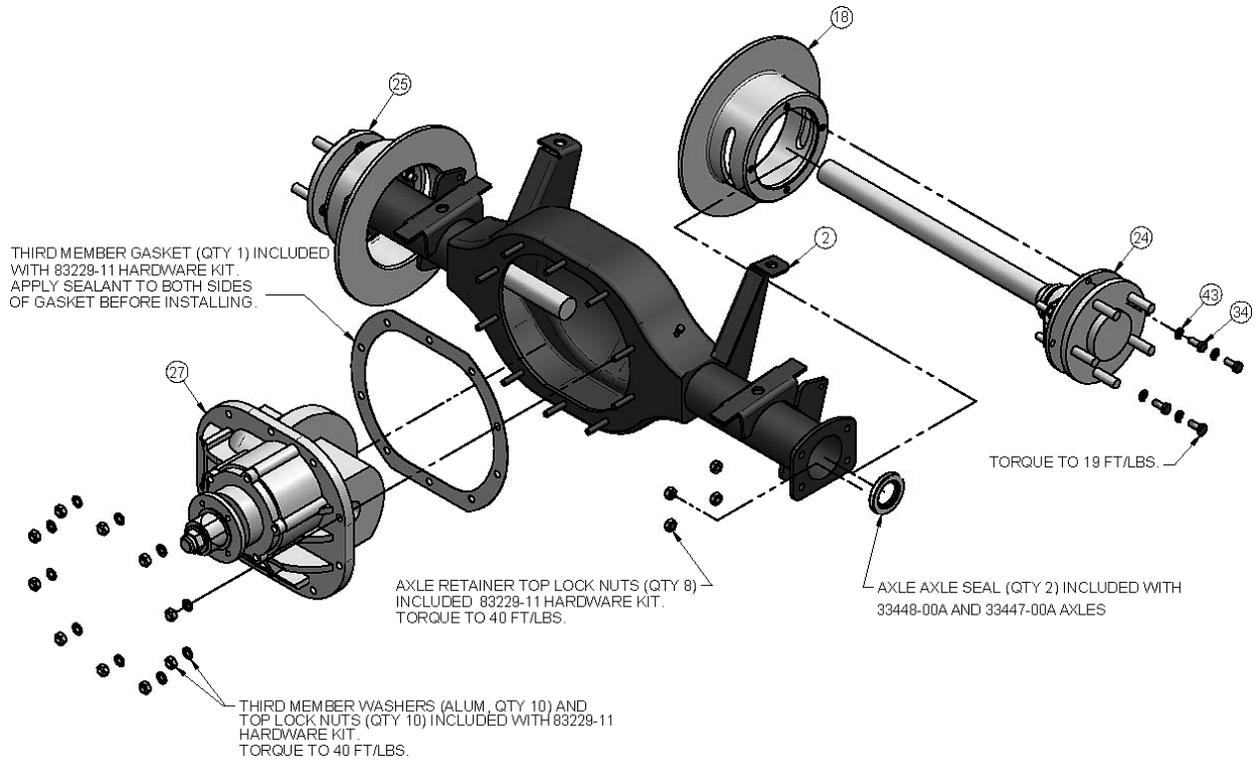
# REAR AXLE ASSEMBLY – BC3 -DANA M18 (Cont.)



**REAR AXLE ASSEMBLY – BC3 - DANA M18 (Cont.)**

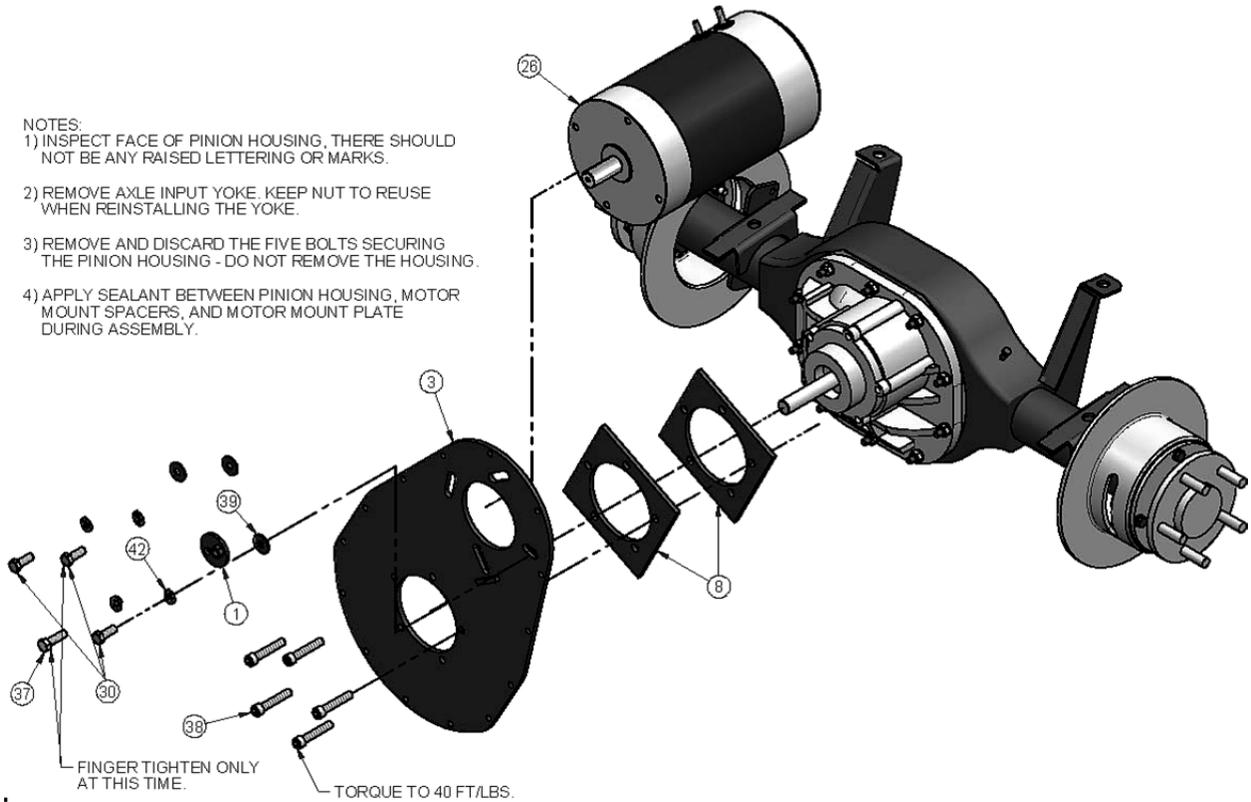
<b>ITEM</b>	<b>CPC P/N</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>SEATS P/N</b>
1	33420-09	WASHER ASSY, MOTOR ADJ.	1	306107
2	33480-02	M18 MOTOR MOUNT	1	307263
3	82980-01	M18 AXLE	1	307271
4	82697-12	SPRING PLATE	4	513979
5	54801-00	SPRING SHACKLE	4	510364
6	N/A	BRACE, MOTOR MOUNT	1	513985
7	43152-66	NUT, 1/2-13 GR2, HEX	8	709002
8	10505	BUSHING, RUBBER 1/2X1 3/8	8	709015
9	5711	SPACER, .5X2-1	4	709042
10	54845-01	SPRING, 4 LEAF 6" DROP	1	709112
11	33481-02	COVER M18 DRIVE	1	709239
12	36384-02	BUSHING 7/8	1	709240
13	36385-02	SPROCKET BELT 40T	1	709241
14	36387-02	BELT, TOOTHED .960T	1	709242
15	36386-02	SPROCKET, BELT 56T	1	709260
16	6416	WASHER, 3/8	8	719796
17	7778	NUT, 3/8-16 NYLOCK	10	719902
18	7739	NUT, 5/16-18 NYLOCK	1	719892
19	5214	U-BOLT 1/2-13X5.75	4	709574
20	7538	LOCKNUT, 5/8-18 FLANGE	1	719044
21	69304-04	MOTOR, SEP EX SHAFT OUTPUT	1	719370
22	7686	NUT, 1/4-20 NYLOCK	7	719879
23	2551-W	SCREW, 1/4-20X1 HHC G5	6	719564
24	7068	WASHER, LOCK 1/2	8	719840
25	2667	SCREW, 5/16-18X2 HHC G5	1	719585
26	2879-W	BOLT 3/8-16X1	5	701795
27	3453	SCREW, 3/8-16X3 1/2 HHC G5	2	719622
28	41204-63A	KEY, SQUARE 3/16X1 7/16	1	719656
29	4716-W	SCREW, 3/8-16X1 1/4 HHC G5	7	719694
30	4720-B	SCREW, 3/8-16X1 3/4 HHC G5	4	719696
31	7038-B	WASHER, 3/8 SPRG LOCK	8	719836
32	6000-B	WASHER, 5/16	1	719771
33	7624	NUT, 10-24 NYLOCK	1	719870
34	6703-B	WASHER 1/4	12	719811

## REAR AXLE ASSEMBLY – BC4 & 4SC

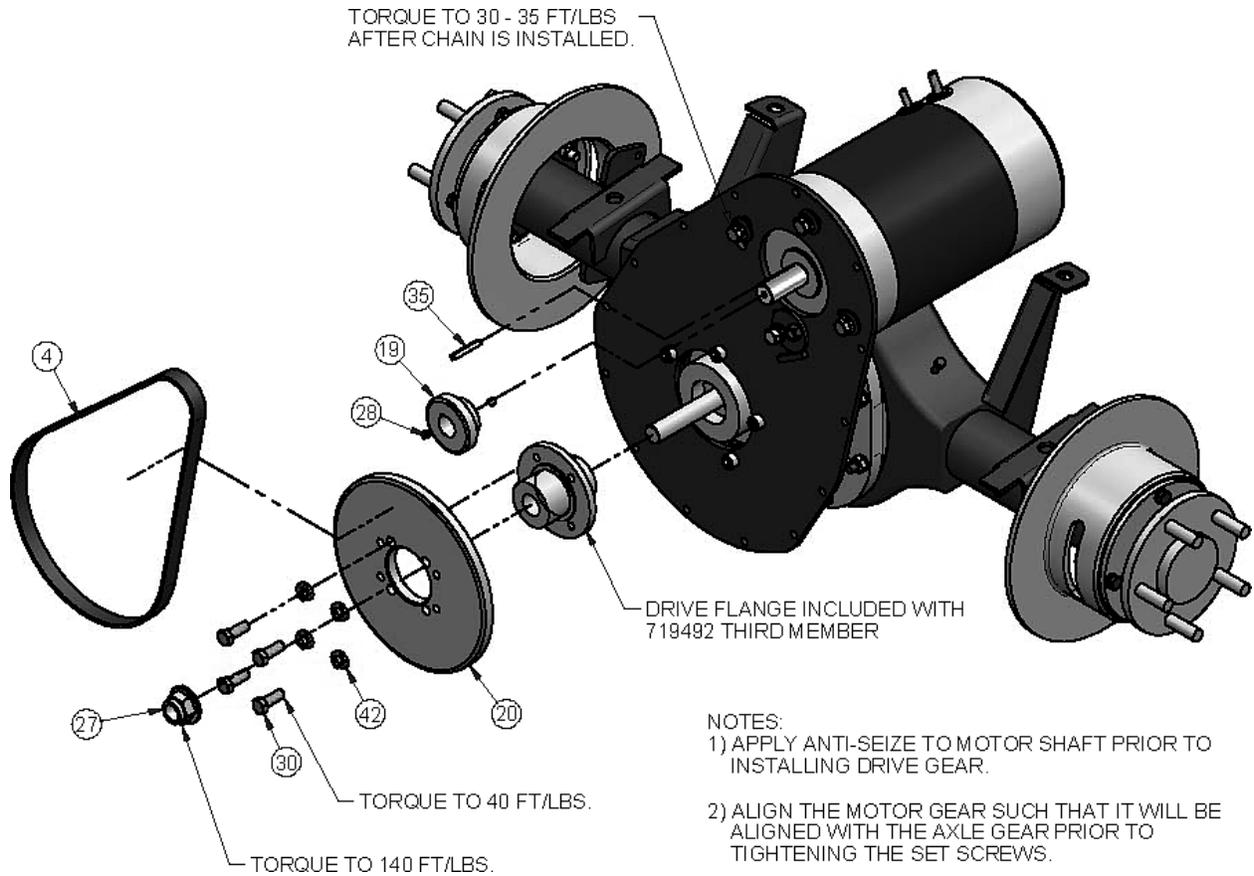


### NOTES:

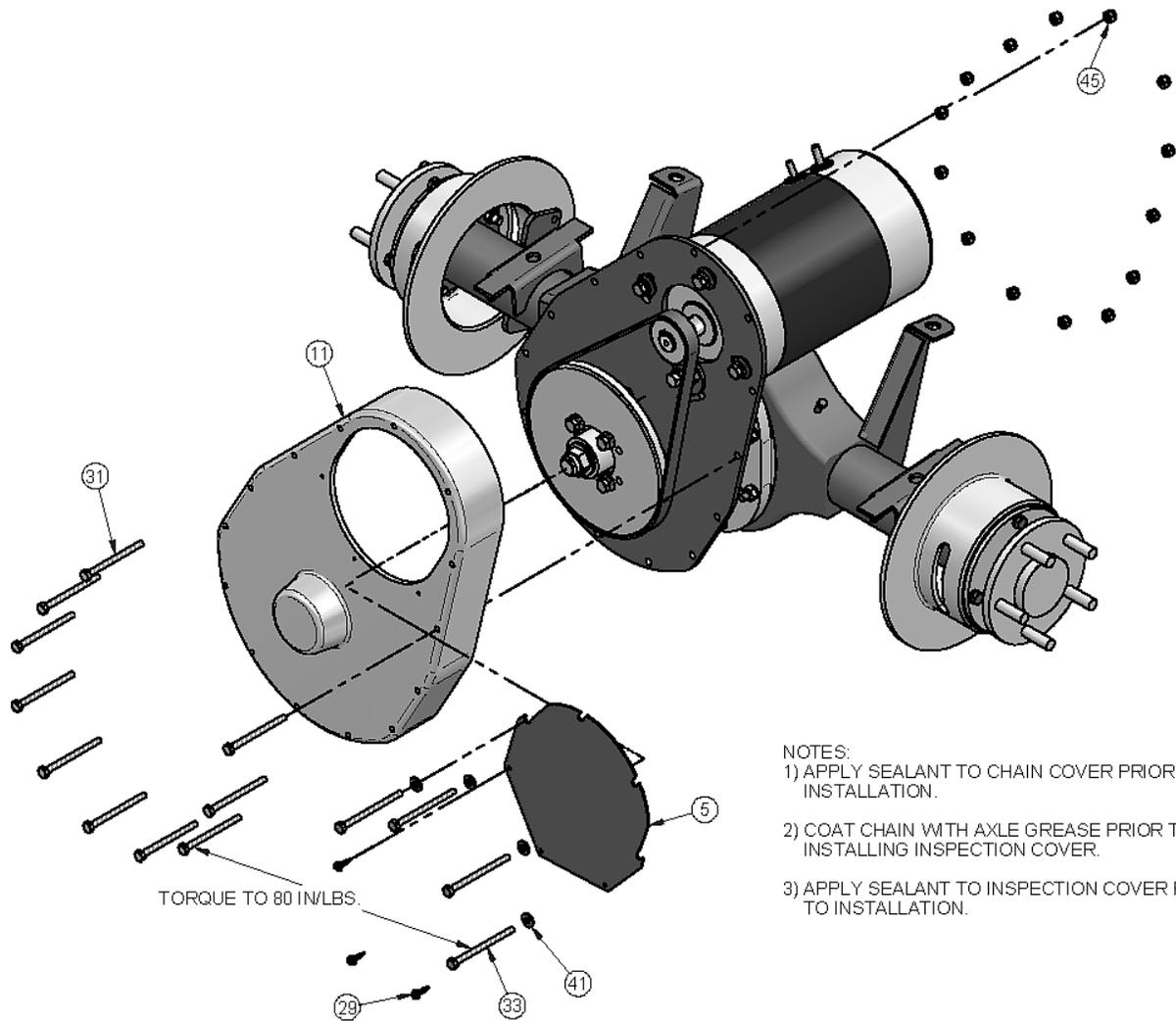
- 1) INSPECT FACE OF PINION HOUSING, THERE SHOULD NOT BE ANY RAISED LETTERING OR MARKS.
- 2) REMOVE AXLE INPUT YOKE. KEEP NUT TO REUSE WHEN REINSTALLING THE YOKE.
- 3) REMOVE AND DISCARD THE FIVE BOLTS SECURING THE PINION HOUSING - DO NOT REMOVE THE HOUSING.
- 4) APPLY SEALANT BETWEEN PINION HOUSING, MOTOR MOUNT SPACERS, AND MOTOR MOUNT PLATE DURING ASSEMBLY.



## REAR AXLE ASSEMBLY – BC4 & 4SC (Cont.)



## REAR AXLE ASSEMBLY – BC4 & 4SC (Cont.)

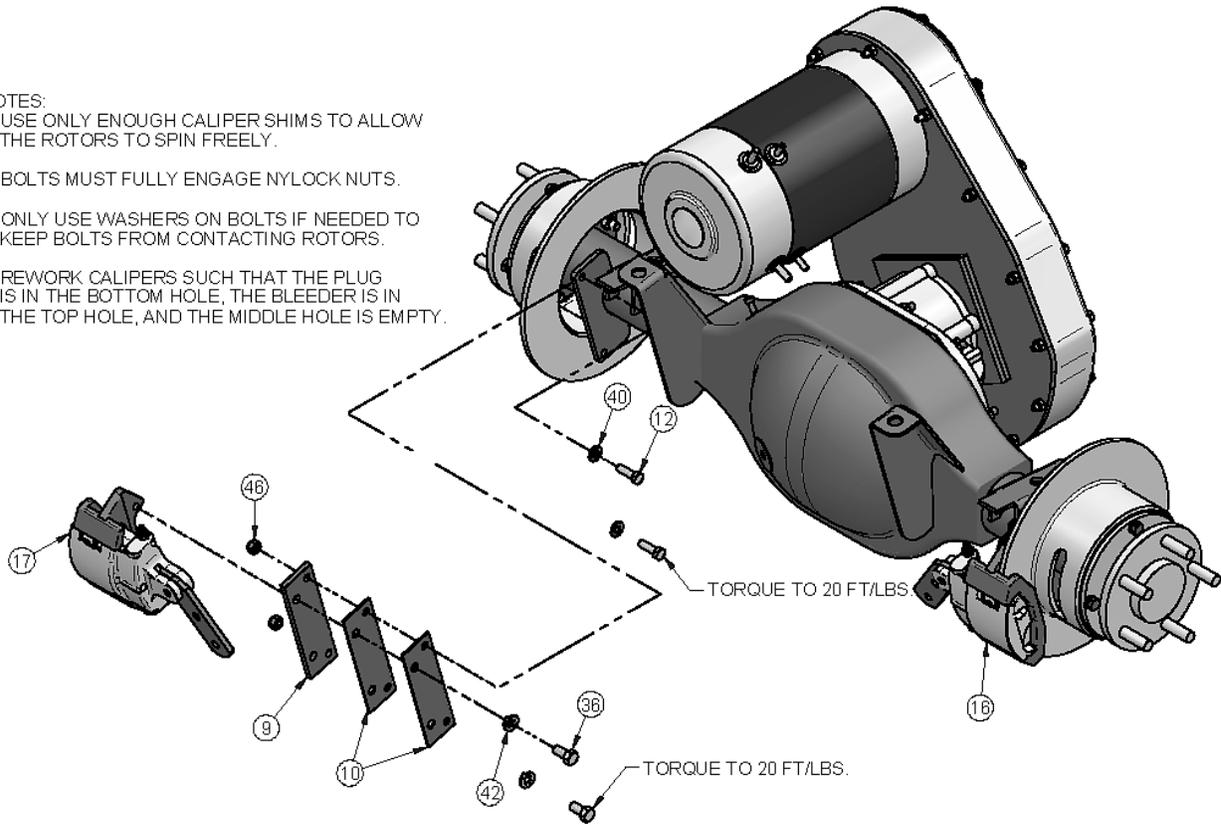


- NOTES:
- 1) APPLY SEALANT TO CHAIN COVER PRIOR TO INSTALLATION.
  - 2) COAT CHAIN WITH AXLE GREASE PRIOR TO INSTALLING INSPECTION COVER.
  - 3) APPLY SEALANT TO INSPECTION COVER PRIOR TO INSTALLATION.

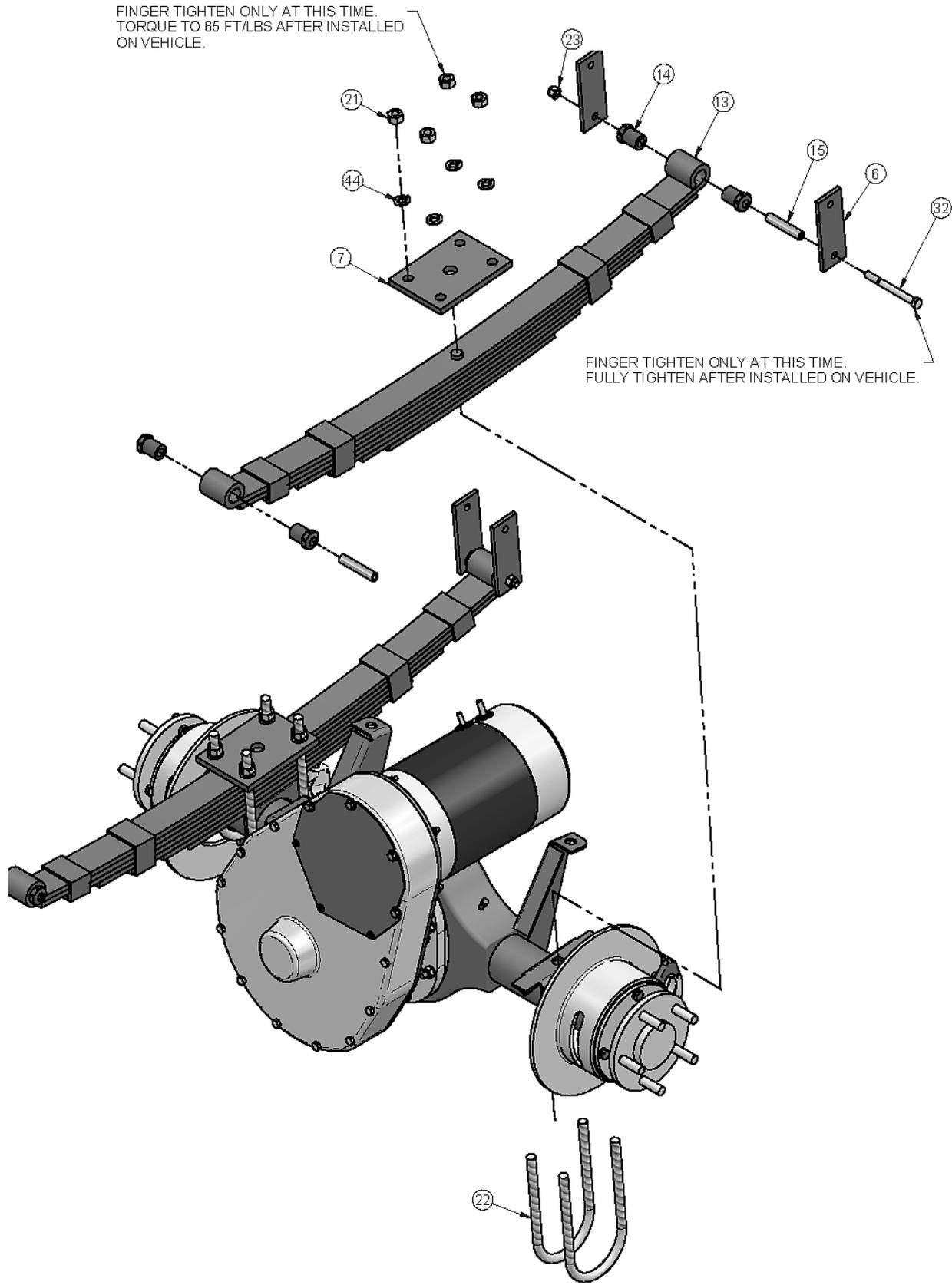
## REAR AXLE ASSEMBLY – BC4 & 4SC (Cont.)

### NOTES:

- 1) USE ONLY ENOUGH CALIPER SHIMS TO ALLOW THE ROTORS TO SPIN FREELY.
- 2) BOLTS MUST FULLY ENGAGE NYLOCK NUTS.
- 3) ONLY USE WASHERS ON BOLTS IF NEEDED TO KEEP BOLTS FROM CONTACTING ROTORS.
- 4) REWORK CALIPERS SUCH THAT THE PLUG IS IN THE BOTTOM HOLE, THE BLEEDER IS IN THE TOP HOLE, AND THE MIDDLE HOLE IS EMPTY.



# REAR AXLE ASSEMBLY – BC4 & 4SC (Cont.)



**REAR AXLE ASSEMBLY – BC4 & 4SC (Cont.)**

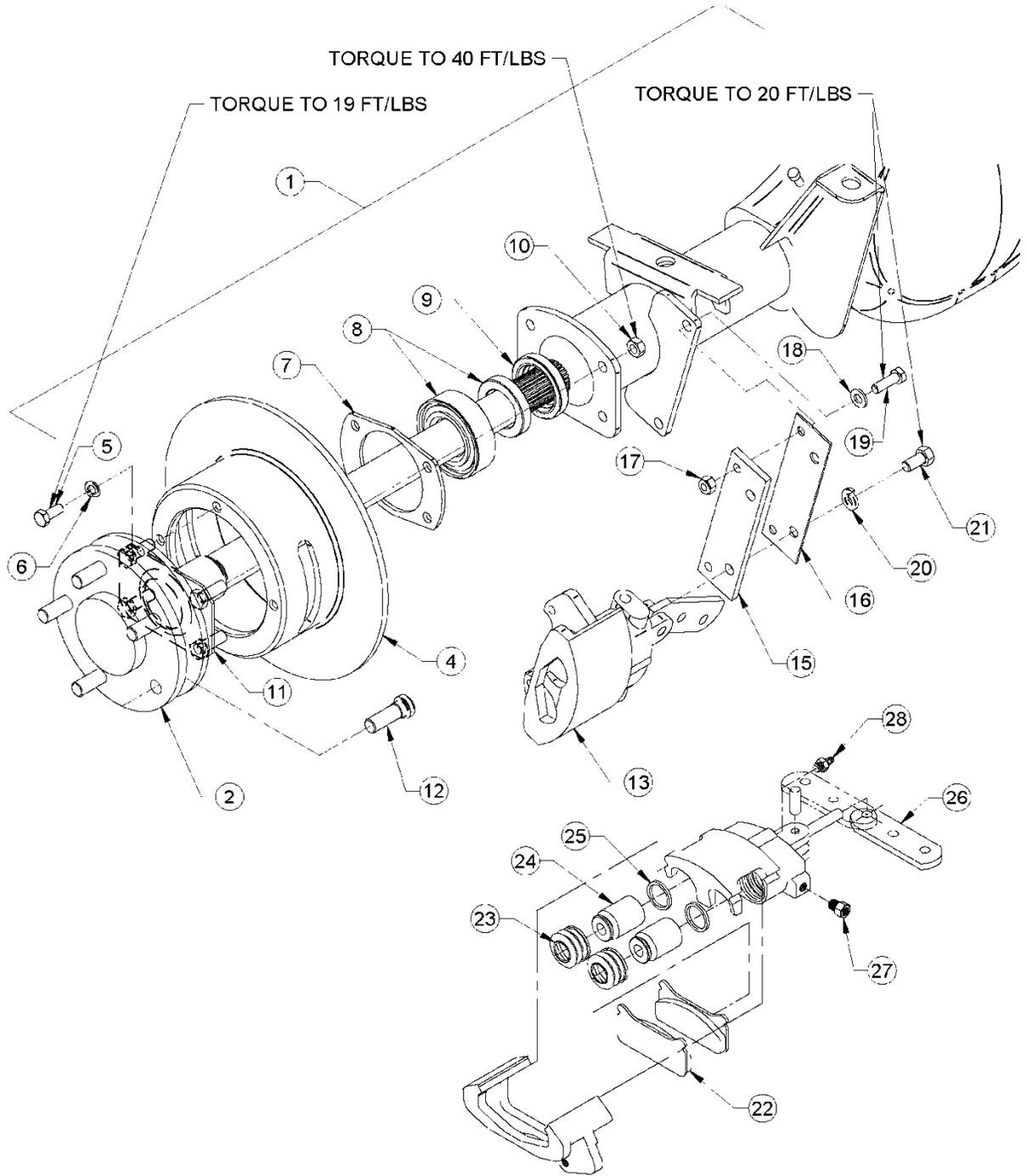
ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	33420-09	WASHER ASSY, MOTOR ADJ.	1	306107
2	*	AXLE HOUSING, FORD	1	307239
3	33415-00A	CHAIN HOUSING BACK PLT	1	308235
4	33470-00	CHAIN, 47 LINK W/PIN	1	467289
4A	33407-00	CHAIN, 52 LINK W/PIN BC4-SC	1	461335
5	33404-06	COVER, CHAIN HOUSING	1	510261
6	54801-00	SPRING SHACKLE	4	510364
7	54815-02	RETAINER PLATE, AXLE SPRING	2	510370
8	33414-00	ADAPTER PLATE, DRIVE UNIT	2	510374
9	41234-00	CALIPER MOUNT, ADAPTER BRKT	2	510378
10	23680-00	CALIPER MOUNT, ADAPTER SHIM	4	510809
11	33405-00	HOUSING, CHAIN DRILLER	1	511364
12	4017	SCREW, 5/16-18X1 HHC G8	4	708085
13	54819-00	LEAF SPRING, 7 LEAF	2	739587
13A	54836-00	LEAF SPRING, 8 LEAF BC4-SC	2	709299
14	10505	BUSHING, RUBBER 1/2X1 3/8	8	709015
15	5711	SPACER, .5X2-1	4	709042
16	41226-00	BRAKE CALIPHER RH REAR	1	709133
17	41225-00	BRAKE CALIPHER LH REAR	1	709291
18	41238-00	ROTOR, DISC BRAKE, REAR	2	729888
19	33472-00	SPROCKET, 19T, 7/8B	1	729662
19A	33411-00	SPROCKET, 17T, 7/8B BS4-SC	1	709143
20	33432-00	SPROCKET, 67 TOOTH	1	729638
20A	33417-00	SPROCKET, 86 TOOTH	1	709145
21	7880	NUT, 1/2-13 G2 HEX	8	719913
22	5213	U-BOLT 1/2-13X7.93	4	709623
23	7778	NUT, 3/8-16 NYLOCK	4	719902
24	33448-00A	AXLE SHAFT, LH FORD	1	719273
25	33447-00A	AXLE SHAFT, RH FORD	1	719274
26	69304-04	MOTOR, SEP EX SHAFT OUTPUT	1	719370
27	82502-06	AXLE CENTER ASSY, 3.55 FORD 8"	1	719492
27A	82503-06	AXLE CENTER ASSY, 4.63 FORD 8" BC4-SC	1	719272
28	2247	SCREW, 1/4-20X1/4 SH SET	2	719550
29	2639	SCREW, #8X1/2 HEX WASHER HEAD TAP	3	719578
30	2879-W	SCREW, 3/8-16X1 G5 HHC	7	707195
31	3413	SCREW, 1/4-20X3 1/4 HHC	10	719614
32	3453	SCREW, 3/8-16X3 1/2 HHC	2	719622
33	3651	SCREW, 1/4-20X3 1/2 HHC	4	719628
34	3987-BS	SCREW, 5/16-18X3/4 HHC	8	719642
35	41204-63A	KEY, SQUARE 3/16X1 7/16	1	719656
36	4713-W	SCREW, 3/8-16X3/4 HHC G5	4	719693
37	4716-W	SCREW, 3/8-16X1 1/4 HHC G5	1	719694
38	4740-b	SCREW, SOCKET HD CAP 3/8-16X2	5	719698

**REAR AXLE ASSEMBLY – BC4 & BC4SC (Cont.)**

<b>ITEM</b>	<b>CPC P/N</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>SEATS P/N</b>
39	6416	WASHER, FLT 3/8	3	719796
40	6702-b	WASHER, FLT 5/16	4	719810
41	6703-B	WASHER, 1/4	4	719811
42	7038-b	WASHER, 3/8, LOCK	12	719836
43	7041-b	WASHER, 5/16, LOCK	8	719838
44	7068	WASHER, LOCK 1/2	8	719840
45	7686	NUT, 1/4-20 NYLOCK	14	719879
46	7739	NUT, 5/16-18 NYLOCK	4	719892
N/A	33430-06	AXLE ASSY, 3.55 (Includes Items 2, 18, 24, 25, 27, 34, & 43)	1	467401
N/A	33402-00	AXLE ASSY, 4.62 (Includes Items 2, 18, 24, 25, 27, 34, & 43)	1	467070
N/A	83229-11	KIT, HARDWARE FORD AXLE	1	719270

\* SPECIAL ORDER

# REAR AXLE/BRAKE DETAIL – BC4



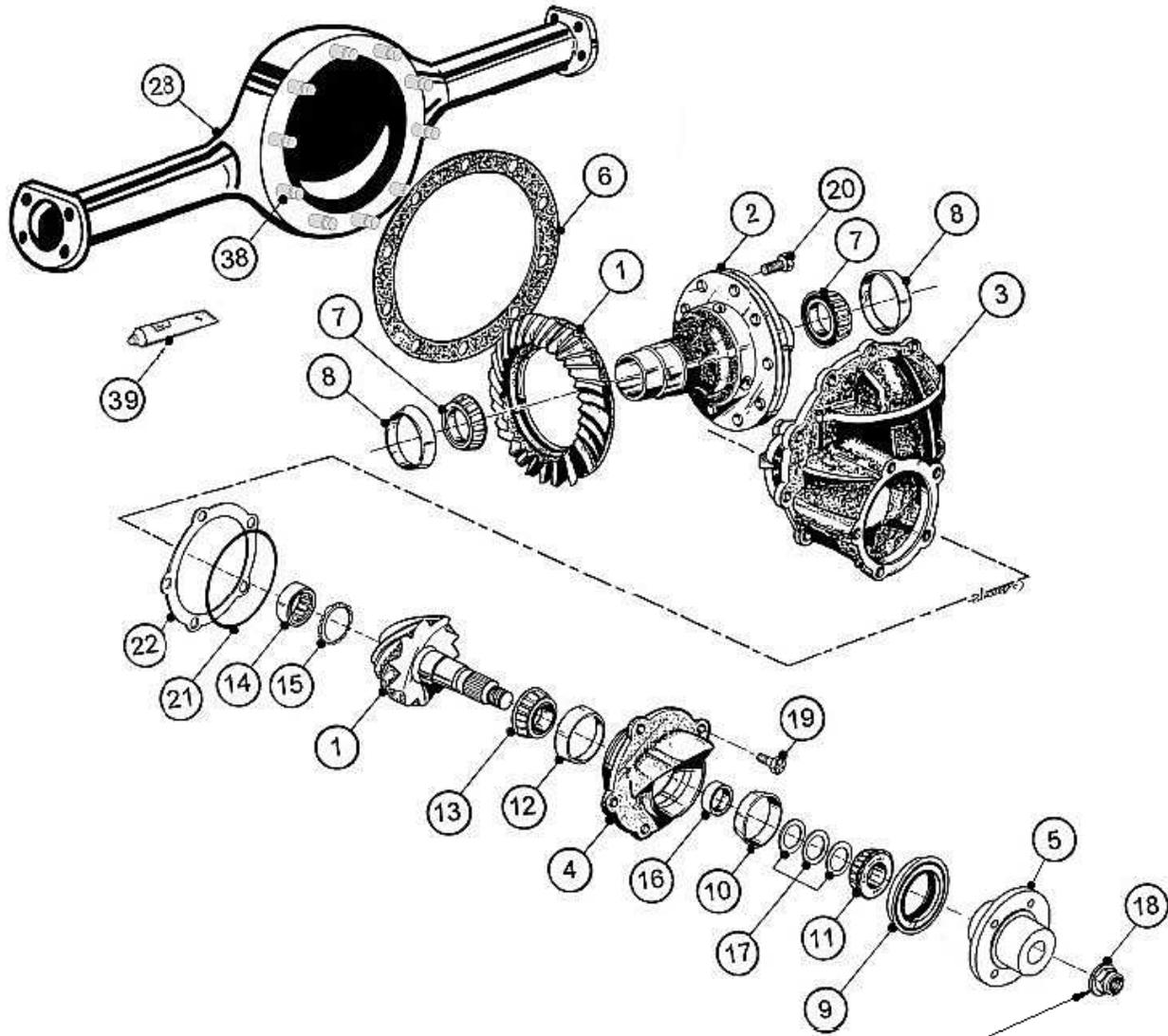
**REAR AXLE/BRAKE DETAIL– BC4 (Cont.)**

ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	33402-00	ASSEMBLY, AXLE, 4.62 RATIO BC 4	1	467070
1A	33430-06	ASSEMBLY, AXLE, 3.55 RATIO BC 4	1	467401
Axle assemblies include items 2-12 and a complete axle center (See rear axle center section for parts breakdown).				
2	33448-00A	ASSEMBLY, SHAFT, LH BC FORD AXLE (Includes items 8, 9, & 11)	1	719273
3*	33447-00A	ASSEMBLY, SHAFT, RH BC FORD AXLE (Includes items 8, 9, & 11)	1	719274
4	41238-00	ROTOR, DISC BRAKE -REAR	2	729888
5	3987-BS	SCREW, 5/16-18 X 3/4, HHCS, G5	8	719642
6	7041-B	WASHER, 5/16 SPRING LOCK	8	719838
7	82507-00	GASKET, AXLE, 1/8	2	749345
8	9082	BEARING, AXLE WITH RETAINER RING	2	749750
9	83111-06	SEAL, AXLE	2	759750
10	N/A	NUT, 3/8-16 TOP LOCK (Available only as Item 30)	8	N/A
11	83110-06	RETAINER, BEARING	2	759752
12	41199	WHEEL BOLT, 1/2-20 X 1 1/2, GR 5	10	719655
13	41225-00	BRAKE CALIPER, LH, REAR	1	709291
14*	41226-00	BRAKE CALIPER, RH, REAR	1	709133
15	41234-00	CALIPER MOUNT, ADAPTER BRACKET	2	510378
16	23680-00	CALIPER MOUNT, ADAPTER SHIM	A/R	510809
17	7739	NUT, 5/16-18, NE, NYLOCK, GR A	4	719892
18	6702-B	WASHER, 5/16 FLAT	4	719810
19	4017	SCREW, 5/16-18 X 1, HHCS, GR 8	4	708085
20	7038-B	WASHER -3/8 REG SPRG LOCK BLACK	4	719836
21	4713-W	SCREW, HX HD CAP 3/8-16 X 3/4 G5	4	719693
22	41297-00	BRAKE PADS	4	729920
23	41361-00	BOOT, DUST	4	729959
24	41359-00	PISTON	4	729957
25	41360-00	O-RING	4	729958
26	41257-00	LEVER, PARKING BRAKE **	2	729901
27	41224-00	CONNECTOR, MALE, BRASS **	2	709618
28	41313-00	BLEEDER VALVE **	2	719082
29*	43152-66	LUG NUTS, 1/2-20, (Torque to 65 Ft. Lbs.)	10	709002
30*	83229-11	KIT, HARDWARE, BC4 AXLE (Includes one third member gasket, ten 3/8-24 top lock nuts, ten 3/8 aluminum flat washers and eight 3/8-16 top lock nuts.)	1	719270

\* NOT SHOWN

\*\* POSITIONS WILL VARY FOR LEFT & RIGHT HAND CALIPERS

# REAR AXLE CENTER - BC4 & 4SC



TORQUE TO 140 FT/LBS

**REAR AXLE CENTER - BC4 & 4SC (Cont.)**

<b>ITEM</b>	<b>CPC P/N</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>SEATS P/N</b>
1*	N/A	RING AND PINION GEAR SET	1	N/A
2*	N/A	28 SPLINE OPEN CARRIER UNIT	1	N/A
3*	N/A	GEAR CASE	1	N/A
4*	N/A	PINION SUPPORT	1	N/A
5	33418-00	INPUT SPROCKET MOUNTING FLANGE	1	759751
6	82500-06	THIRD MEMBER TO HOUSING GASKET	1	759749
7*	N/A	CARRIER BEARING	2	N/A
8*	N/A	CARRIER BEARING RACE	2	N/A
9	12013	PINION GEAR OIL SEAL	1	729088
10*	N/A	OUTER PINION BEARING RACE	1	N/A
11*	N/A	OUTER PINION BEARING	1	N/A
12*	N/A	INNER PINION BEARING RACE	1	N/A
13*	N/A	INNER PINION BEARING	1	N/A
14*	N/A	POCKET BEARIING	1	N/A
15*	N/A	POCKET BEARIING RETAINER	1	N/A
16*	N/A	PINION BEARING PRELOAD SPACER	1	N/A
17*	N/A	PINION BEARING PRELOAD SPACER SHIMS	A/R	N/A
18	82501-06	FLANGE RETAINING NUT, 3/4-16 FLANGE NUT	1	781131
19*	N/A	PIINION SUPPORT BOLT	5	N/A
20*	N/A	RING GEAR TO OPEN CARRIER UNIT BOLT	10	N/A
21	82505-00	PINION SUPPORT TO GEAR CASE O" RING "	1	749343
22*	N/A	PINION DEPTH SHIM	A/R	N/A
28	N/A	AXLE HOUSING	1	N/A
38	N/A	THIRD MEMBER TO HOUSING STUD 3/8-24	10	N/A
39	N/A	SEALANT (RTV OR GASKET TYPE)	A/R	N/A
40**	N/A	DRAIN PLUG (TORQUE TO 35 FT/LBS)	1	N/A
41**	82502-06	BC 3.55 RATIO AXLE CENTER (Includes items 1-22)	1	719492
41A**	82503-06	BC 4.62 RATIO AXLE CENTER (Includes items 1-22)	1	719272

\* SERVICED BY ITEM 41

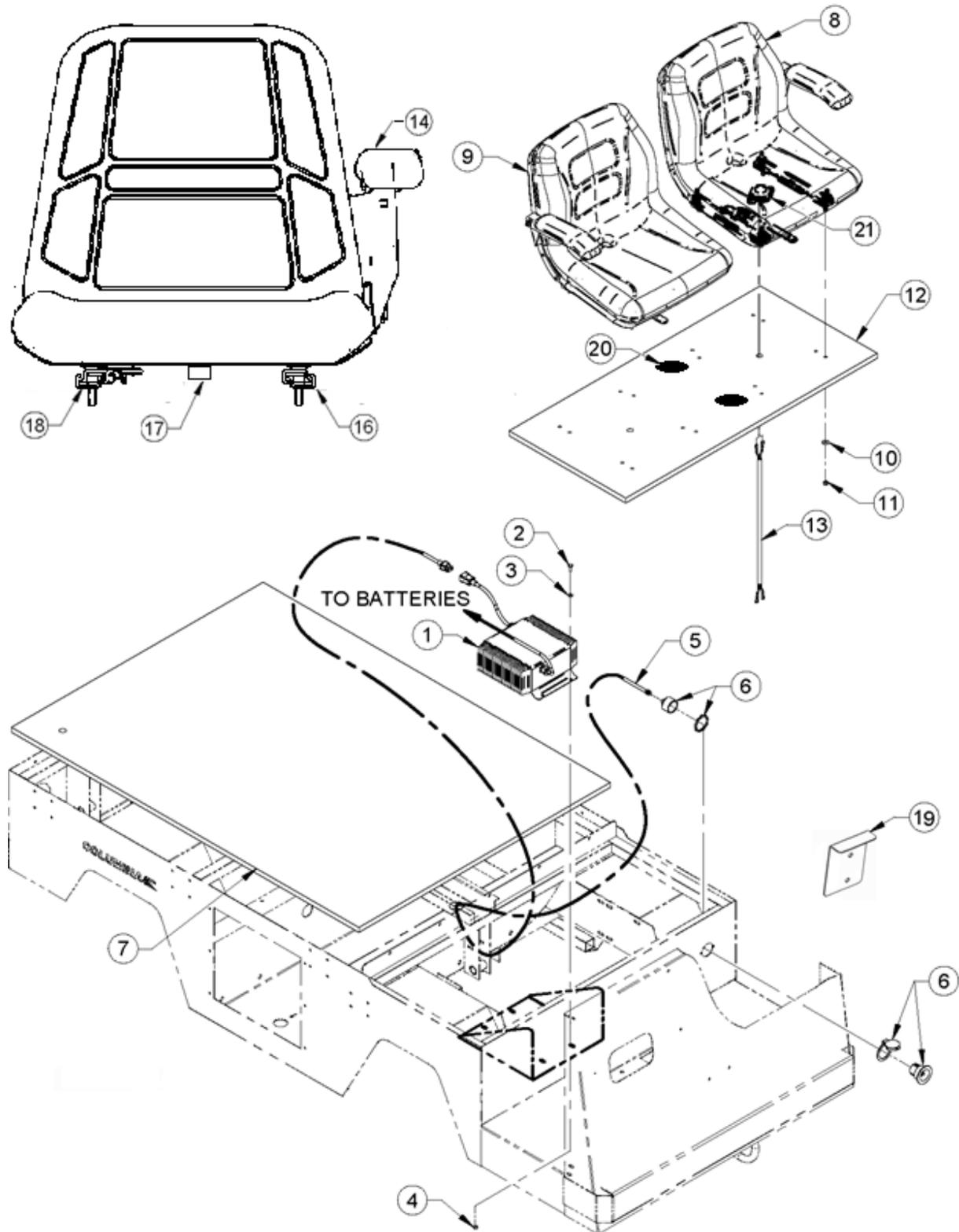
\*\* NOT SHOWN

# **Burden Carrier Parts Manual**

## **Section 4**

### **Seats, Decks and Dash**

# SEATS, DECK, CHARGER MOUNTING - BC



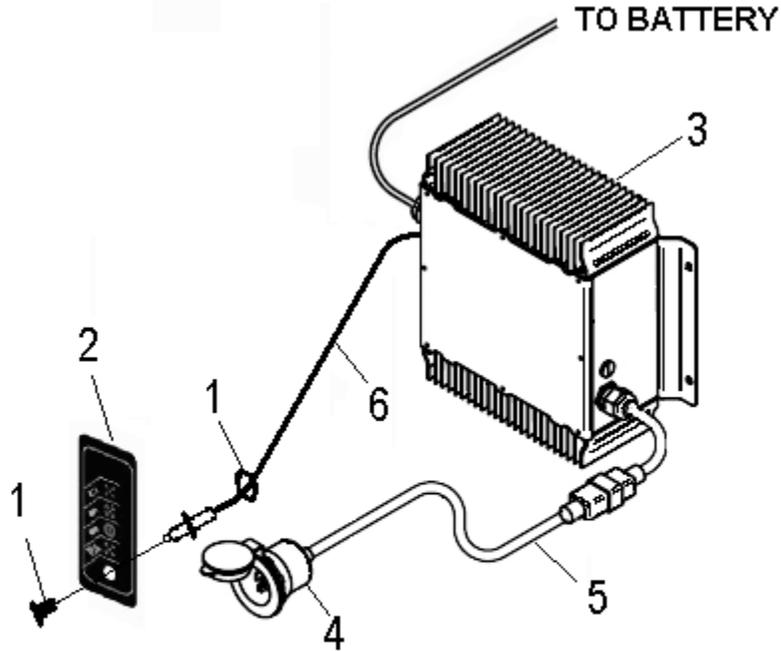
**SEATS, DECK, CHARGER MOUNTING – BC (Cont.)**

ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	-	CHARGER, DELTA Q (See Page 4-3)	1	-
2	3787-B	SCREW, 1/4-20 X 3/4, HHCS, G5	A/R	719636
3	6703-B	WASHER, 1/4, SAE FLAT	A/R	719811
4	7724-B	NUT, 1/4-20, SERRATED FLANGE LOCK, GR A	A/R	719887
5	66493-03	CHARGER CORD, 6' LONG, 14/3 WIRE BLK	1	719264
6	66034-02	CHARGER INLET PLUG	1	709558
N/A	70036-05	CHARGER CORD W/PLUG ASSY (Includes Items 5 & 6)	1	467405
*	66493-67A	EXTENSION CORD	1	709890
7	90754-09	DECK BC-L MEZZTREAD	1	513012
7A	90753-09	DECK BC-S MEZZTREAD	1	513013
7B*	51322-00	DECK COVER, 14GA, BC-S, BC-L (Used w/ Item 7C)	1	509377
7C*	51320-00	DECK BOARD, PINE, BC-S, BC-L (Used w/ Item 7B)	1	510368
7D*	51323-00	DECK COVER, 14GA, BC-L (Used w/ Item 7E)	1	509378
7E*	51321-00	DECK BOARD, PINE, BC-L (Used w/ Item 7D)	1	510367
7F*	6350	WASHER, FLAT 5/16 (Used w/ Items 7B – 7E)	2	708682
7G*	1600	SCREW, 5/16-18X2 1/2 (Used w/ Items 7B – 7E)	2	709418
7H*	7739	NUT, 5/16-18 NYLOCK (Used w/ Items 7B – 7E)	2	719892
8	51701-00**	907 SEAT ASSEMBLY W/ LH ARM SEAT SWITCH	1	149596%LA
8A	51718-05**	907 SEAT ASSEMBLY W/ LH ARM NO SEAT SWITCH	1	177295%LA
*	51722-09**	907 SEAT ASSEMBLY – NO ARMS SEAT SWITCH	1	149596%
*	51723-09**	907 SEAT ASSEMBLY – NO ARMS, NO SEAT SWITCH	1	177259%
9	51700-00**	907 SEAT ASSEMBLY W/ RH ARM, NO SEAT SWITCH	1	177259%RA
*	51711-04**	907 BOTTOM CUSHION	1	307912%
*	51712-04**	907 BOTTOM CUSHION W/SWITCH	1	307911%
*	51710-04**	907 BACK CUSHION	1	307913%
10	6000-B	WASHER, 5/16 SAE FLAT	8	719771
11	7810	NUT, 5/16-18, NYLOC, GR A	8	719906
12	51325-09	SEAT BOARD, MEZZTREAD	1	513014
13	70038-04	HARNESS, EXTENSION	1	467219
14	52610-97	907 ARM KIT, LH (Includes mounting bracket & hardware)	1	506613BU
15*	52611-97	907 ARM KIT, RH (Includes mounting bracket & hardware)	1	506614BU
16	91401-90	TRACK, NON-LOCKING	2	707005
17	69757-95	OPERATOR PRESENCE SWITCH	1	708455
18	91400-02	TRACK, LOCKING	1	301150
19	51900-11	SEAT HOLD DOWN BRACKET	1	514385
20	658	PLUG, 01.25" BLACK (Added after March 2014)	2	719803
21	69757-95	SEAT SWITCH, DELTA	1	708455
21A*	51713-04	SEAT SWITCH W/41" LEADS	1	307722
*	66014-03	BATTERY, 6V, DEEP CYCLE, (US-2000)	6/8	719229
*	66005-03	BATTERY, 6V, DEEP CYCLE, (US-145)	6/8	719231
*	66200-10	BATTERY, 6V, DEEP CYCLE, (AGM)	8	760586

\* NOT SHOWN

\*\* Include VIN for proper color

**DELTA Q CHARGER WITH REMOTE LED – BC**

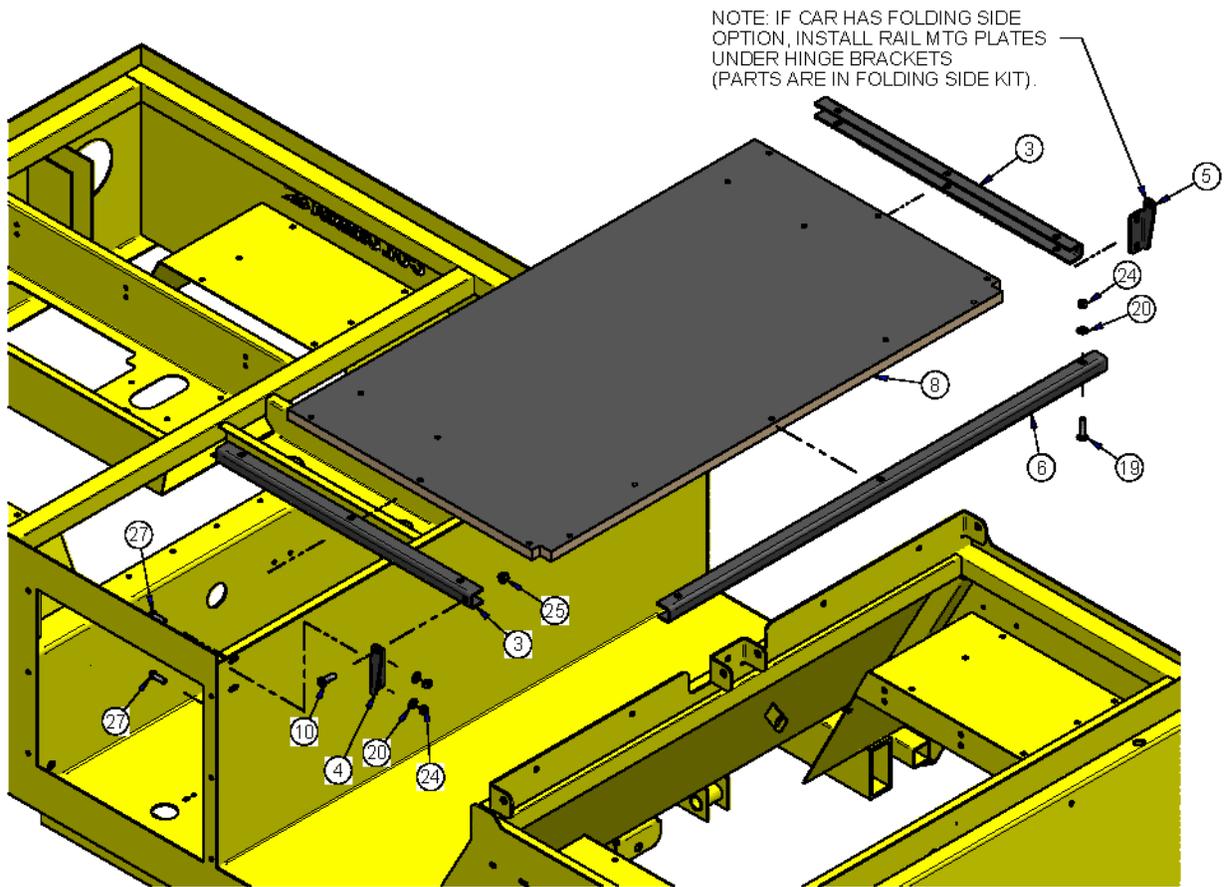


**LED & LABEL POSITION WILL BE LOCATED  
ADJACENT TO THE CHARGER AC RECEPTACLE**

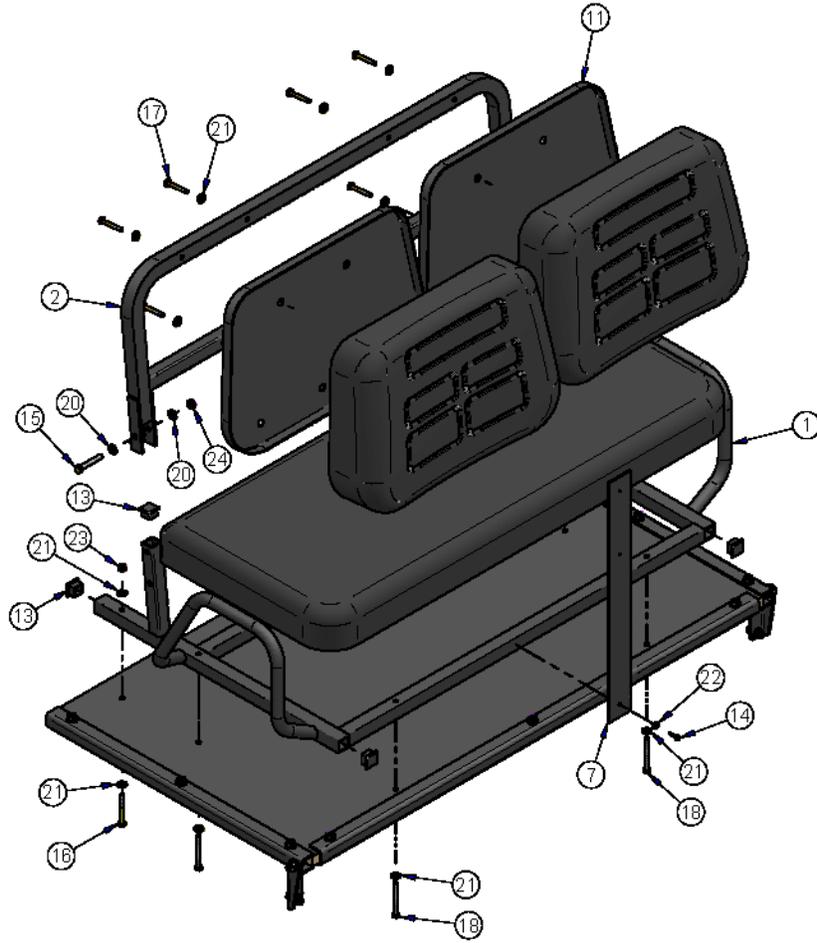
ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	9951	CR-174 CLIP & RING	1	781989
2	66584-12	LED FRONT LABEL	1	760754
3	66501-12	CHARGER, DELTA Q 36V W/LED, STANDARD	1	760743
3A	66583-12	CHARGER, DELTA Q 48V W/LED, STANDARD	1	760742
3B	66582-12	CHARGER, DELTA Q 48V W/LED, AGM	1	467839
4	66034-02	PLUG, POWER INLET 120V SEALED	1	709558
5	66493-03	CHARGER CORD 6'	1	719264
6	66029-12	LED 25' CABLE	1	760817
N/A	70036-05	ASSEMBLY, CORD W/ RECEPTACLE (Includes Item 4 & 5)	1	467405

NOTE: SEE SERVICE BULLETIN SB11-004 IF REPLACING A NON-LED CHARGER.

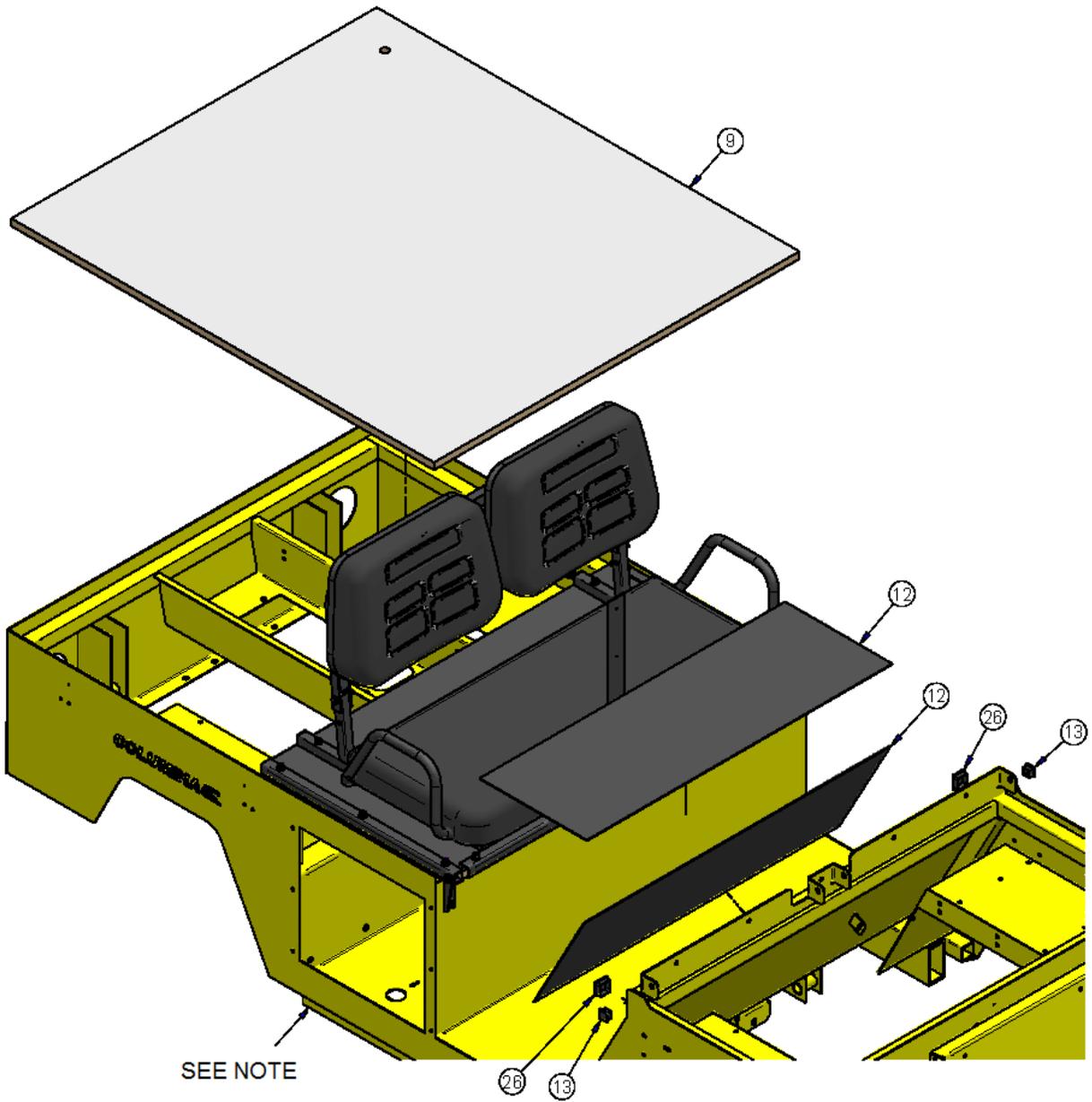
## 2nd SEAT w/MEZZ DECK- BC



2nd SEAT w/MEZZ DECK- BC (Cont.)



2nd SEAT w/MEZZ DECK- BC (Cont.)



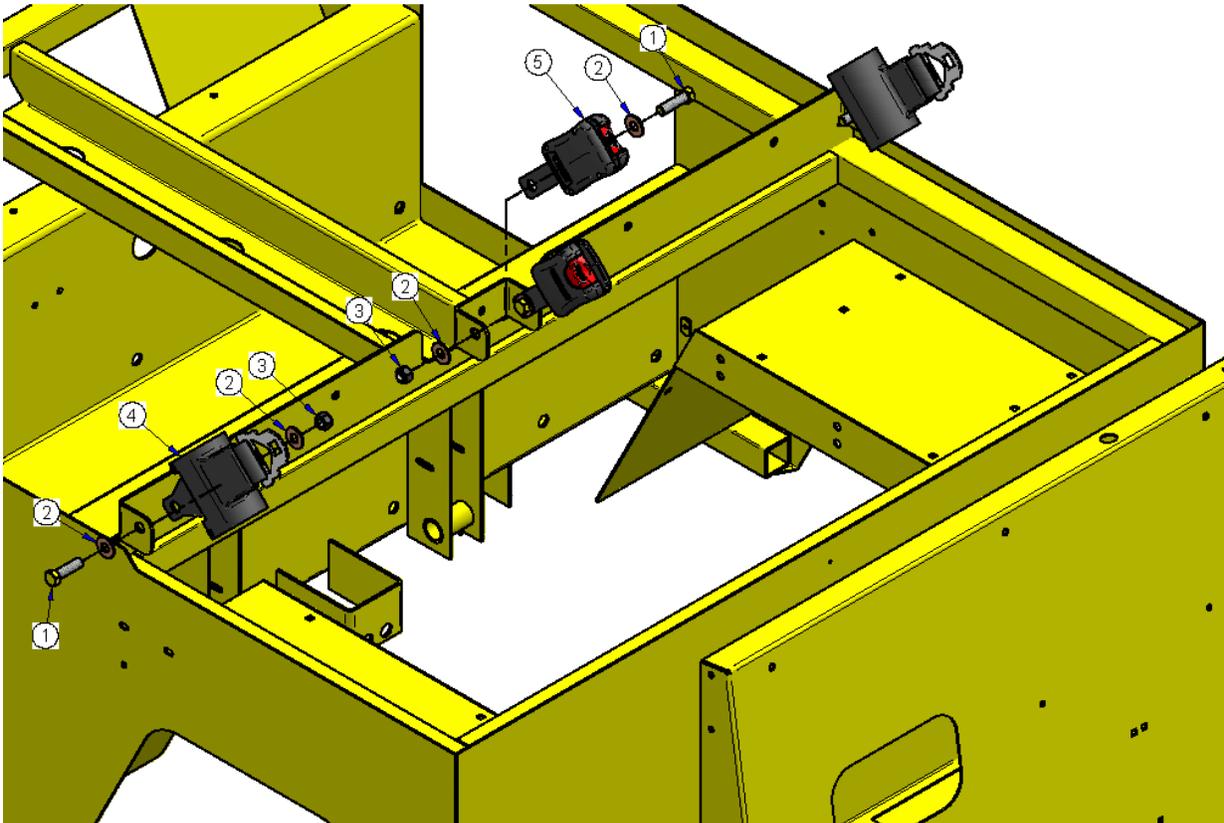
**2nd SEAT w/MEZZ DECK- BC (Cont.)**

ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	*	ASSY, SEAT BASE -2ND SEAT BC	1	308241
2	51570-10	ASSY, SEAT BACK	1	308242
3	*	CHANNEL -SEAT BOARD REINFORCEMENT	2	511000
4	*	PLATE -HINGE RH	1	511001
5	*	PLATE -HINGE LH	1	511002
6	*	CHANNEL -SEAT BOARD REINFORCEMENT	1	511341
7	*	STRAP, SEAT HOLD DOWN	1	511384
8	*	SEAT BOARD, 2 <sup>ND</sup> MESSTREAD	1	513015
9	*	DECK, 2 <sup>ND</sup> MEZZTREAD	1	513016
10	2879-W	SCREW, 3/8-16 X 1 " HHC G5	2	707195
11	52948-96	COVER -SEAT BACK	2	709025
12	48457-ZZ	MAT, RAW, BLACK VINYL	2	709373
13	11432	CAPLUG, FP-161	8	719525
14	2653-B	SCREW, #10 X 3/4 SELF DRILLING	1	719583
15	2667	SCREW, 5/16-18 X 2 HHCS GRADE 5 "	2	719585
16	2821	SCREW, 1/4-20 X 2 1/4 HHCS GRADE 5 "	2	719590
17	3454-BS	SCREW, 1/4-20 X 1-3/4 HHCS GRADE 5 "	6	719623
18	3860-B	SCREW, 1/4-20 X 2-1/2 HHCS "	4	719637
19	5449-BS	SCREW, 5/16-18 X 1-1/2 CARRIAGE GRADE 5 "	9	719750
20	6702-B	WASHER, FLAT STEEL 5/16 BLACK "	17	719810
21	6703-B	WASHER, FLAT STEEL 1/4 BLACK "	14	719811
22	6716	WASHER, FLAT STEEL #10 BLACK	1	719812
23	7686	NUT, 1/4-20, NYLOCK	2	719879
24	7739	NUT, 5/16-18, NYLOCK	15	719892
25	7778	NUT, 3/8-16, NYLOCK	2	719902
26	*	PLUG, 1.50" SQUARE	6	781502
27	4023	SCREW, 5/16-18X1 HHC G5 TRIBLK	4	782037
	N/A	SEAT CUSHION (Must include VIN for correct color)	1	N/A
	N/A	SEAT BACK CUSHION (Must include VIN for correct color)	2	N/A

\* SPECIAL ORDER

NOTE: Each end of the two lower support tubes will be closed with Items 26. Added March 2014.

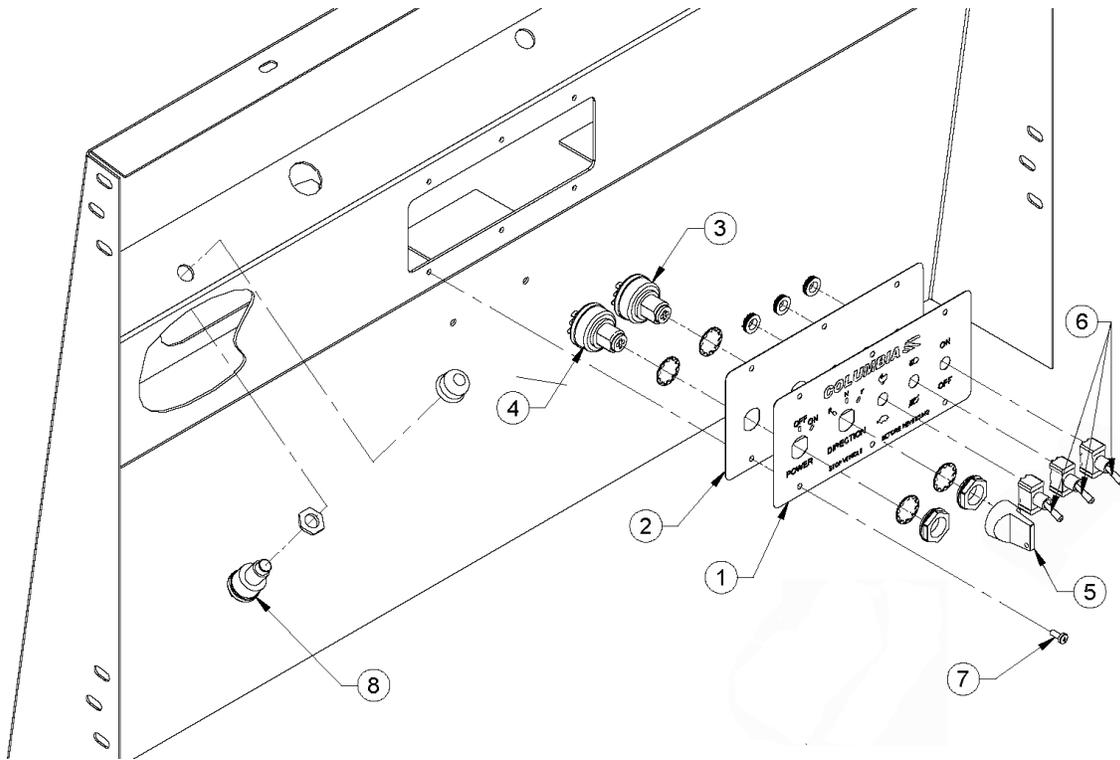
## SEAT BELT – BC



ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	4256	SCREW, 7/16-20X1.5 HHC	4	719665
2	6416	WASHER 3/8 FLAT	8	719796
3	7825	NUT, 7/17-20 NYLOCK	4	719908
4	75504-09	SEAT BELT 48" BLK	2	741359
5	75502-09	SEAT BELT BUCKLE	2	741361
N/A	75513-00	KIT, RETRACTABLE SEAT BELTS(Includes Items 1-5, seat belt bracket & attachment hardware, Items 6-8)	1	191849U
6*	4716-W	SCREW 3/8-16X1 1/4 HHC	5	719694
7*	6000-B	WASHER 5/16	10	719771
8*	7778	NUT, 3/8-16 NYLOCK	5	719902

\* NOT IDENTIFIED

## DASH PANEL – BC



ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	50010-05	OVERLAY, DASHBOARD, BC	1	719478
2	39819-05	PANEL, DASH	1	510784
3	71730-01	3 POSITION KEYSWITCH WITH HARDWARE (See table below for alternate keysets)	1	709040
4	71732-06	2 POSITION POWERSWITCH WITH HARDWARE (See table below for alternate keysets)	1	759706
5	71767-05	ASSY, KEY, NON-REMOVABLE, W/COVER (Used only with Keyset A)	1	719432
6	72000-10	SWITCH, TOGGLE	A/R	760600
7*		SCREW, 10-24X1/2 PHILLIPS	6	719467
8	71807-80	HORN SWITCH	1	709385
8A*	**	HORN SWITCH ASSEMBLY, FLOOR MOUNT	1	468835
9**	653	1/2 HOLE PLUG (Used to fill unused toggle switch holes)	A/R	719798

\* SPECIAL ORDER

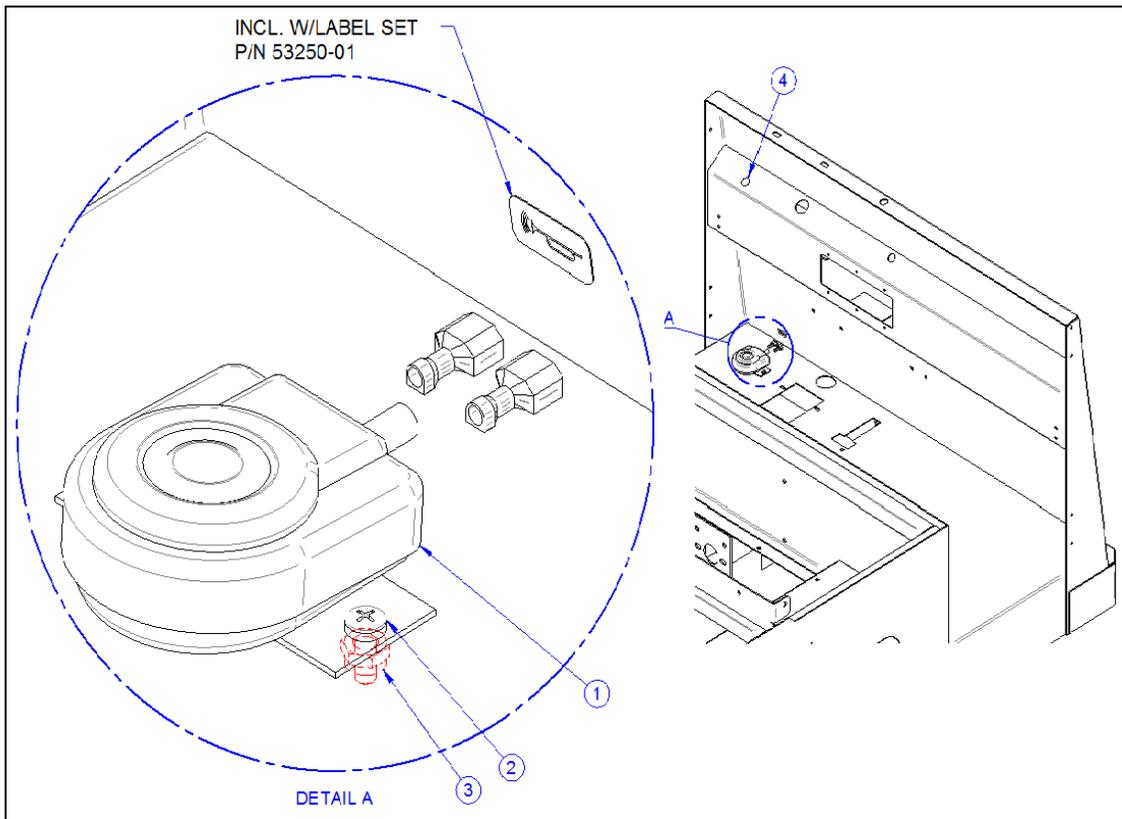
\*\* NOT SHOWN

KEYSET	3 POSITION POWERSWITCH		2 POSITION POWERSWITCH		STANDARD KEYS	
	CPC P/N	SI P/N	CPC P/N	SI P/N	CPC P/N	SI P/N
A	71730-01	709040	71732-06	759706	71731-01	749184
B	71730-03B	719297	71732-06B	759722	71731-03B	719301
C	71730-03C	719298	71732-06C	759723	71731-03C	719302
D	71730-03D	719299	71732-06D	759724	71731-03D	719303
E	71730-03E	719300	71732-06E	759721	71731-03E	719304

**TURN SIGNAL – BC  
P/N 71428-04**



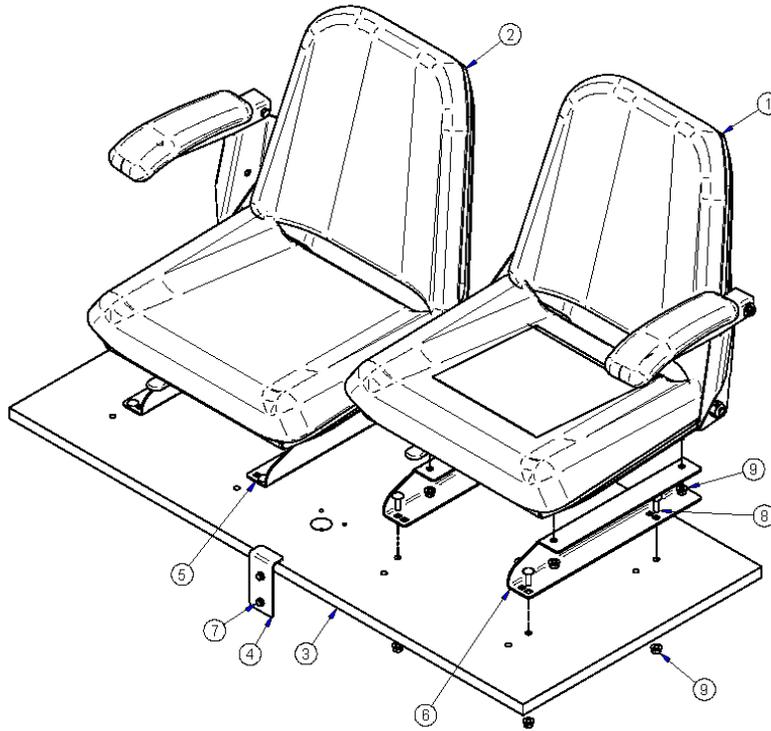
**FLOOR MOUNTED HORN - BC**



ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	70086-14	FLOOR HORN SWITCH ASSEMBLY	1	468835
2	3615	SCREW, 10-24X1/2 PPH	2	719467
3	7624	NUT, 10-24 GR A NM NYLOCK	2	719870
4	*	PLUG, .625 BLACK NYLON	1	782140

\* SPECIAL ORDER

## ADJUSTABLE SEATS W/RISERS- BC

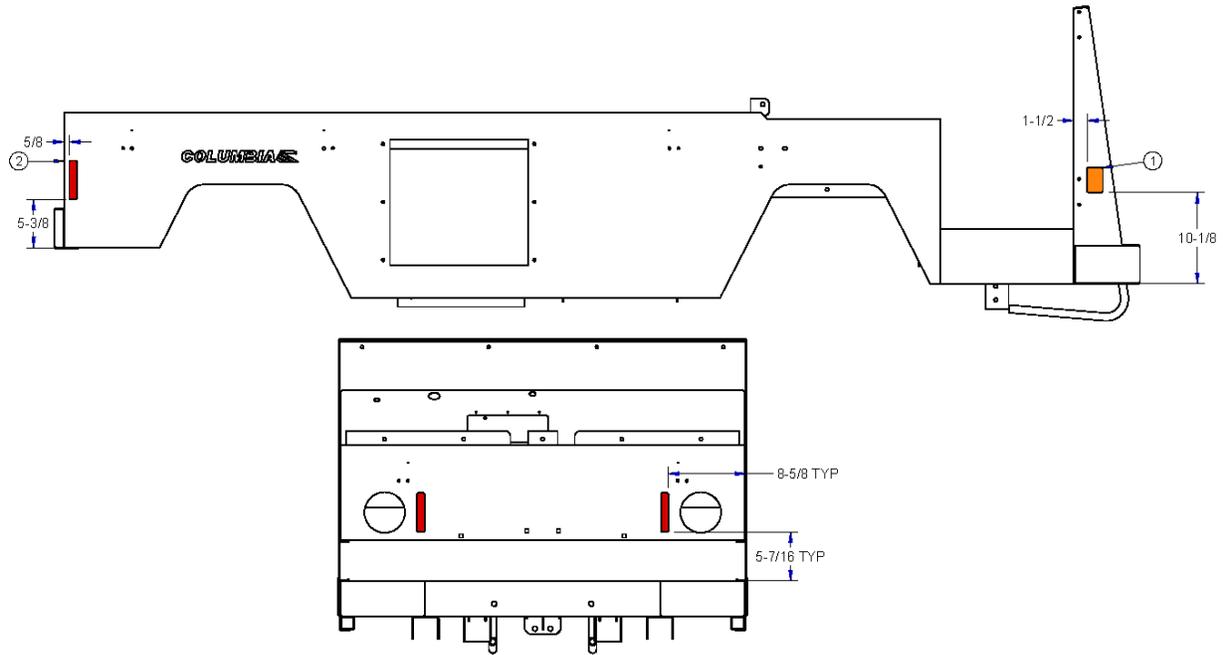


ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	51701-00	907-18 BUCKET SEAT, LA, SW (See Note)	1	149596%LA
2	51700-00	907-18 BUCKET SEAT, RA, NO SW (See Note)	1	177295%RA
3	51325-09	SEAT BOARD, BC MEZZTREAD	1	513014
4	*	BRACKET, SEAT HOLD DOWN- BC	1	514385
5	*	SEAT RISER, BC, A	2	515763
6	*	SEAT RISER, BC, B	2	515764
7	2509	SCREW, HX HD, .25 x 1, THRD FRMING	2	719560
8	5400-BS	BOLT, 5/16-18 X 1, CARRIAGE, GRADE 5	8	719744
9	7810	NUT 5/16-18 GR G FLANGE LOCK YWZC	16	719906

\* SPECIAL ORDER

NOTE: Include VIN for correct color.

## REFLECTORS – BC



ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	68572-03	REFLECTOR, AMBER, 2 3/4X1 3/4	2	719336
2	68573-03	REFLECTOR, RED 4 5/16X13/16		719337

## LABEL SET BC

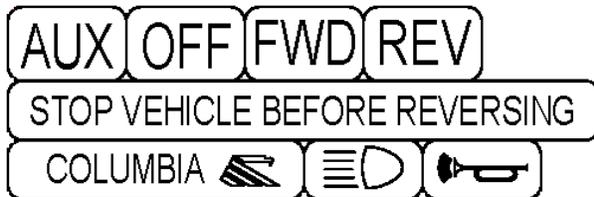
**WARNING**

For personal safety and to maintain vehicle stability and control, operate this vehicle under these conditions only. Failure to comply with these warnings may result in bodily injury and property damage.

- Before operating this vehicle, read the owner's manual. Do not operate while under the influence of alcohol or drugs.
- Operation from driver's side by authorized persons only and only in designated areas.
- Never exceed vehicle rated capacity.
- Do not start until all occupants are seated. Remain seated and hold on when vehicle is moving. Keep entire body inside vehicle.
- Set parking brake and turn key to OFF before leaving vehicle. Remove key if vehicle is unattended.
- Drive slowly straight up and down slopes and in turns. Use caution while turning or backing up vehicle.

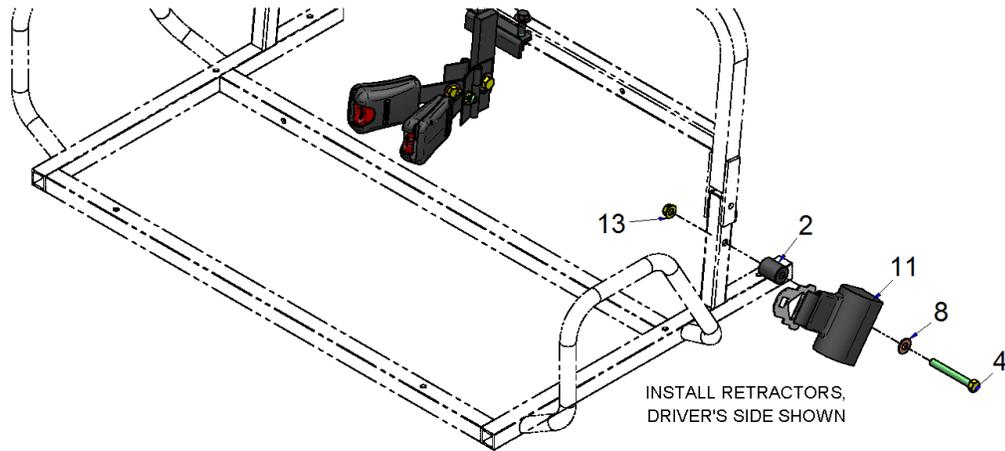
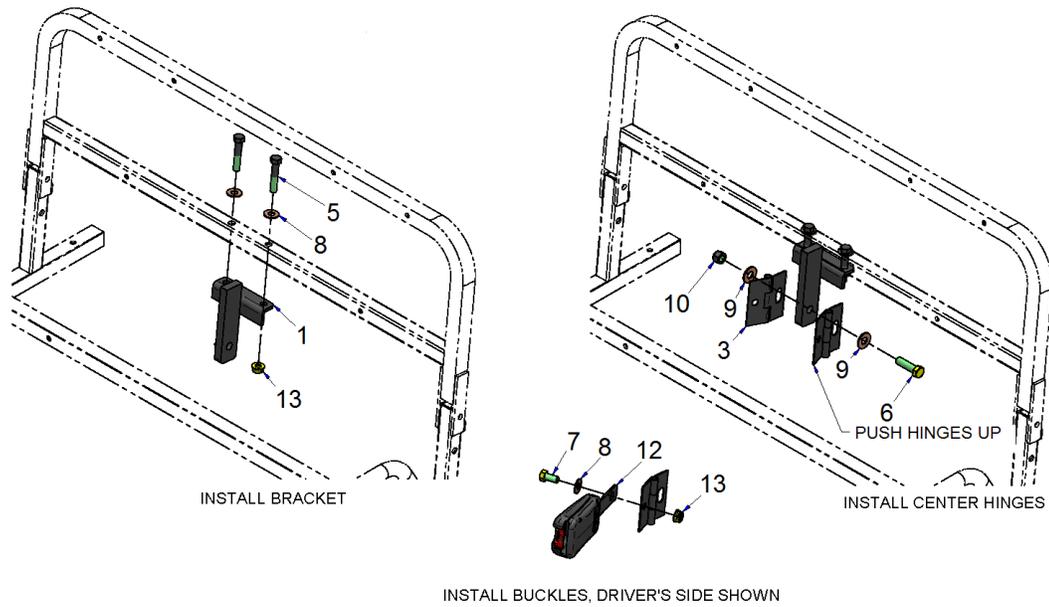
**OPERATING INSTRUCTIONS**

- Select forward or reverse by turning key switch.
- Depress accelerator to move vehicle. Motor stops when accelerator is released.
- Depress brake to slow or stop vehicle.
- Lock parking brake when stopped. To lock, lift handle up to over center position. To release push handle down.



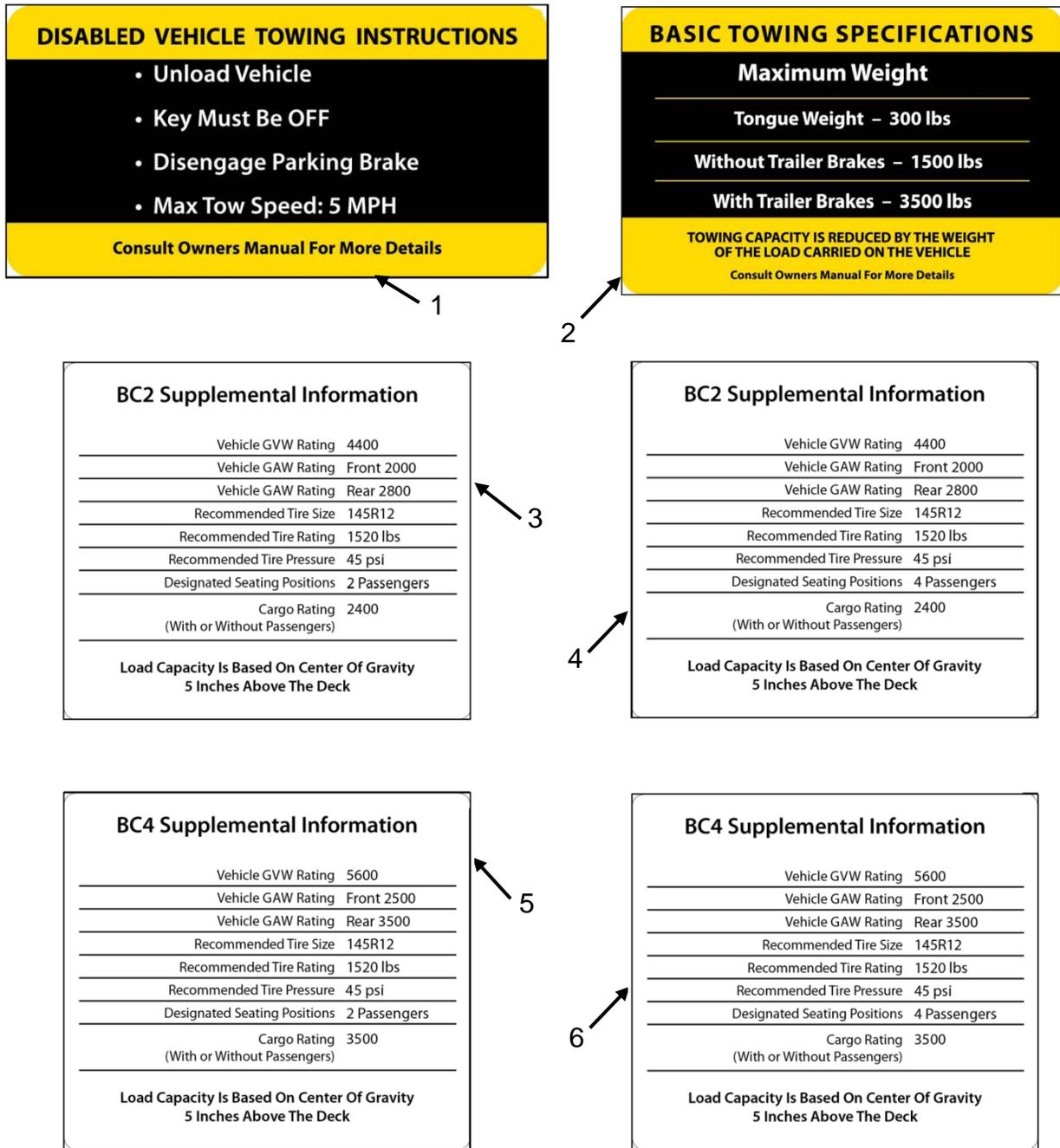
ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	53250-01	LABEL SET	1	709754

## SEAT BELTS, 2<sup>ND</sup> SEAT – BC



ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	75508-99	SEAT BELT BRACKET	1	306478
2	5845	SPACER	2	510324
3	75509-99	HINGE	2	709037
4	2828-W	SCREW, HHC 3/8-16X3 G5	2	719591
5	3775	SCREW, HHC 3/8-16X2 G5	2	719634
6	4256	SCREW, HHC 7/16-20X1.5 G5	1	719665
7	4713-W	SCREW, HHC 3/8-16X3/4 G5	2	719693
8	6000-B	WASHER, 5/16, USS/STD	6	719771
9	6416	WASHER FLAT STL	2	719796
10	7825	NUT, 7/16-20 NYLOCK GA	1	719908
11	75504-09	SEAT BELT, 48" BLK, ALR ONLY, 1.3 MOUNT	2	741359
12	75502-09	SEAT BELT, ATS BUCKLE ONLY, 6" STRAP	2	741361
13	7755	NUT, 3/8-16 GR GT FLANGE	6	760721

## SUPPLEMENTAL DECAL/LABELS – BC



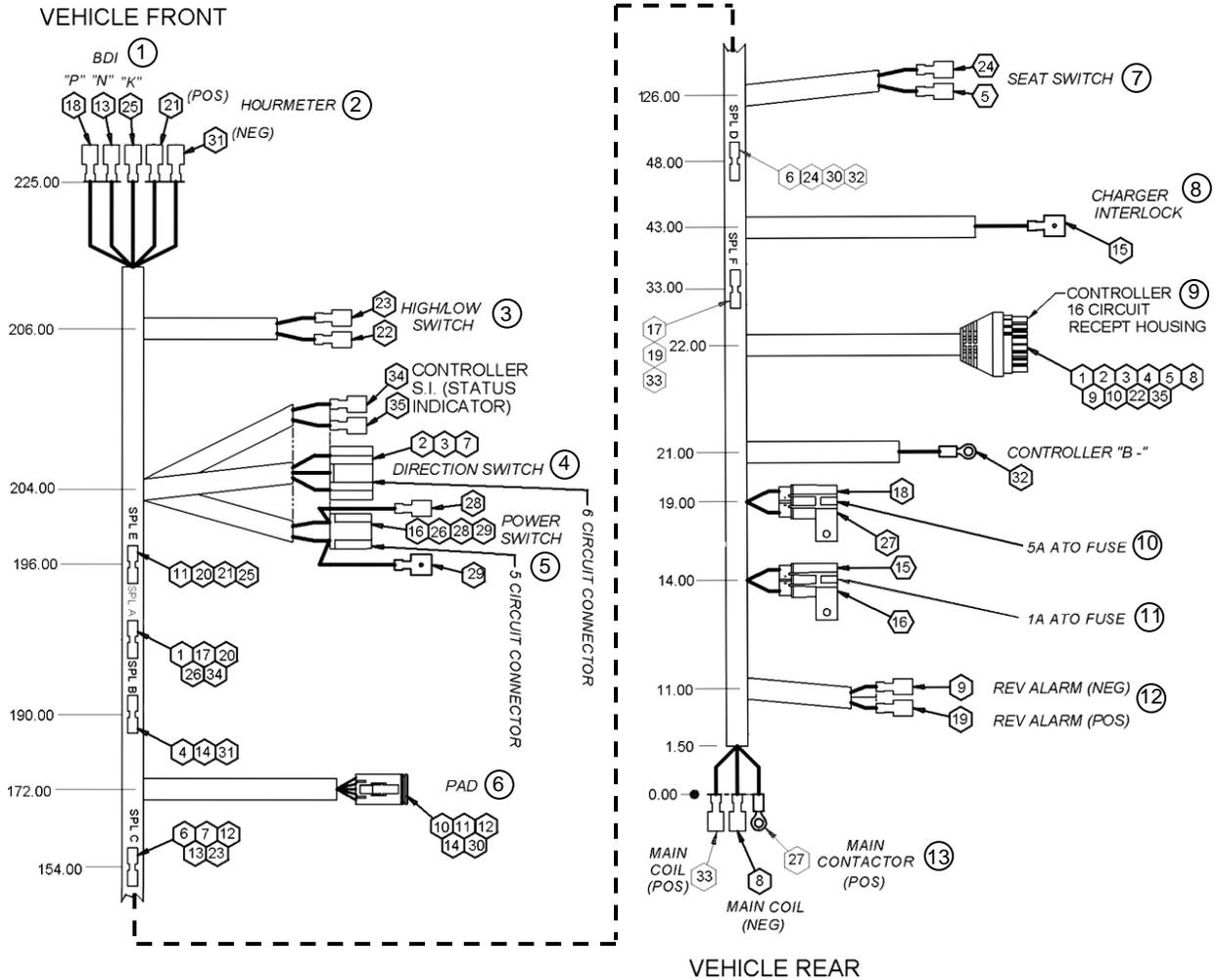
ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	53051-14	DISABLED VEHICLE TOWING DECAL	1	761150
2	53048-14	LABEL, BASIC TOWING	1	761148
3	53054-14	LABEL, INFORMATION, BC2 - 2 PASSENGER	1	761155
4	53055-14	LABEL, INFORMATION, BC2 - 4 PASSENGER	1	761156
5	53056-14	LABEL, INFORMATION, BC4 - 2 PASSENGER	1	761161
6	53058-14	LABEL, INFORMATION, BC4 - 4 PASSENGER	1	761163

# **Burden Carrier Parts Manual**

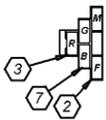
## **Section 5**

### **Electrical**

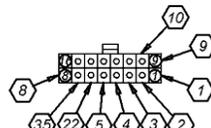
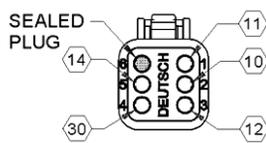
# MAIN WIRE HARNESS – BC



REAR VIEW OF DIRECTION SWITCH CONNECTOR



REAR VIEW FOR PAD



REAR VIEW OF POWER SWITCH CONNECTOR REAR VIEW OF CONTROLLER CONNECTOR

CIRCUIT NO.	WIRE COLOR	CIRCUIT NO.	WIRE COLOR
1	RED	19	YEL
2	GRN	20	WHT
3	GRY	21	WHT
4	BLK	22	BLK
5	BLK	23	BLK
6	BLK	24	BLK
7	BLK	25	WHT
8	BLK	26	RED
9	BLK	27	RED
10	GRN	28	RED
11	RED	29	RED
12	BLK	30	YEL
13	BLK	31	BLK
14	BLU	32	BLK
15	RED	33	RED
16	RED	34	RED
17	RED	35	BLK
18	RED		

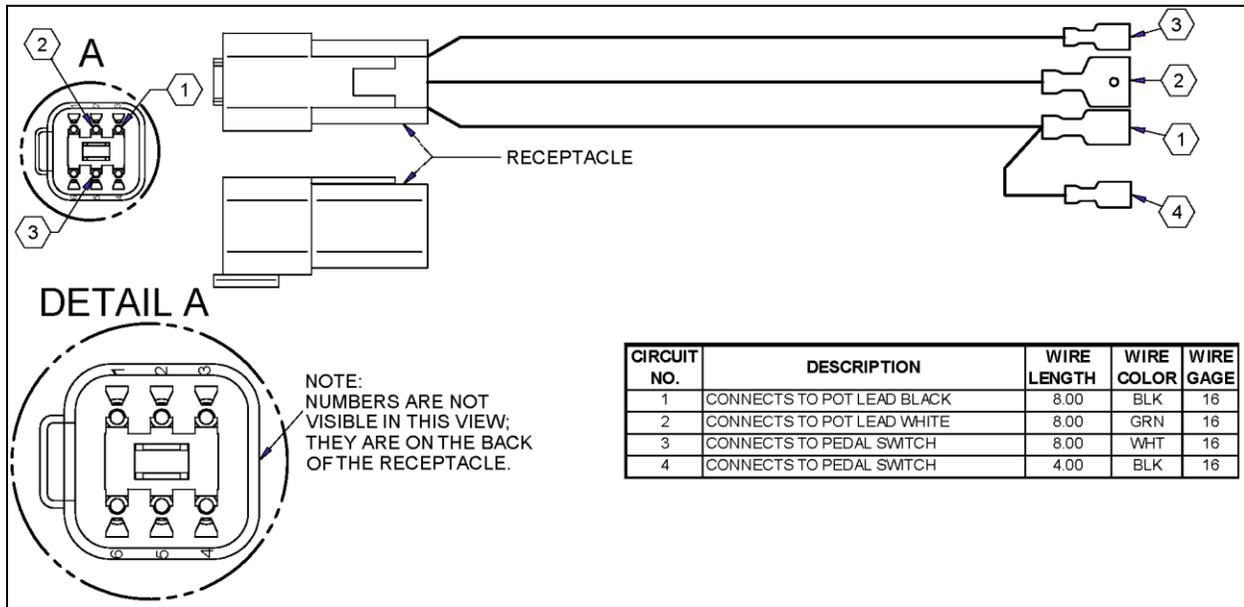
## MAIN WIRE HARNESS – BC (Cont.)

ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	75062-07	BDI METER 36V	1	759874
1A	75061-07	BDI METER, 48V	1	759842
2	75033-91A	HOUR METER, 10-80 VDC	1	709452
3	72000-10	HIGH/LOW SPEED SWITCH	1	760600
4	71730-01	DIRECTION SWITCH	1	709040
5	71732-06	POWER SWITCH	1	759706
6	40610-10	PEDAL ASSY, ACCELERATOR & HARNESS	1	760635
7	51713-04	SEAT SWITCH	1	307722
8	-	CHARGER, (See Page 4-3)	1	-
9	47895-05A	CONTROLLER, RGEN 24/48 (Programmed 760576)	1	467696
10	75593-04	FUSE, 5 AMP ATO/ATC	1	719445
11	75594-04	FUSE, 1 AMP ATO/ATC	1	719444
12	71408-96A	AUDIBLE ALARM, 12/48 SLOW PULSE BACK-UP	1	759831
13	71455-01A	CONTACTOR & MOUNTING BRACKET	1	709166
14*	70448-90	CABLE, 6GAX20, 5/16	1	709012
15*	70447-90	CABLE, 6GAX14, 5/16	2	709033
16*	70443-01	CABLE, 6GAX18, 5/16	2	709215
17	70110-12	MAIN HARNESS W/PAD	1	760637
18*	70078-06	MAIN HARNESS W/ADAPTER (See note)	1	467707

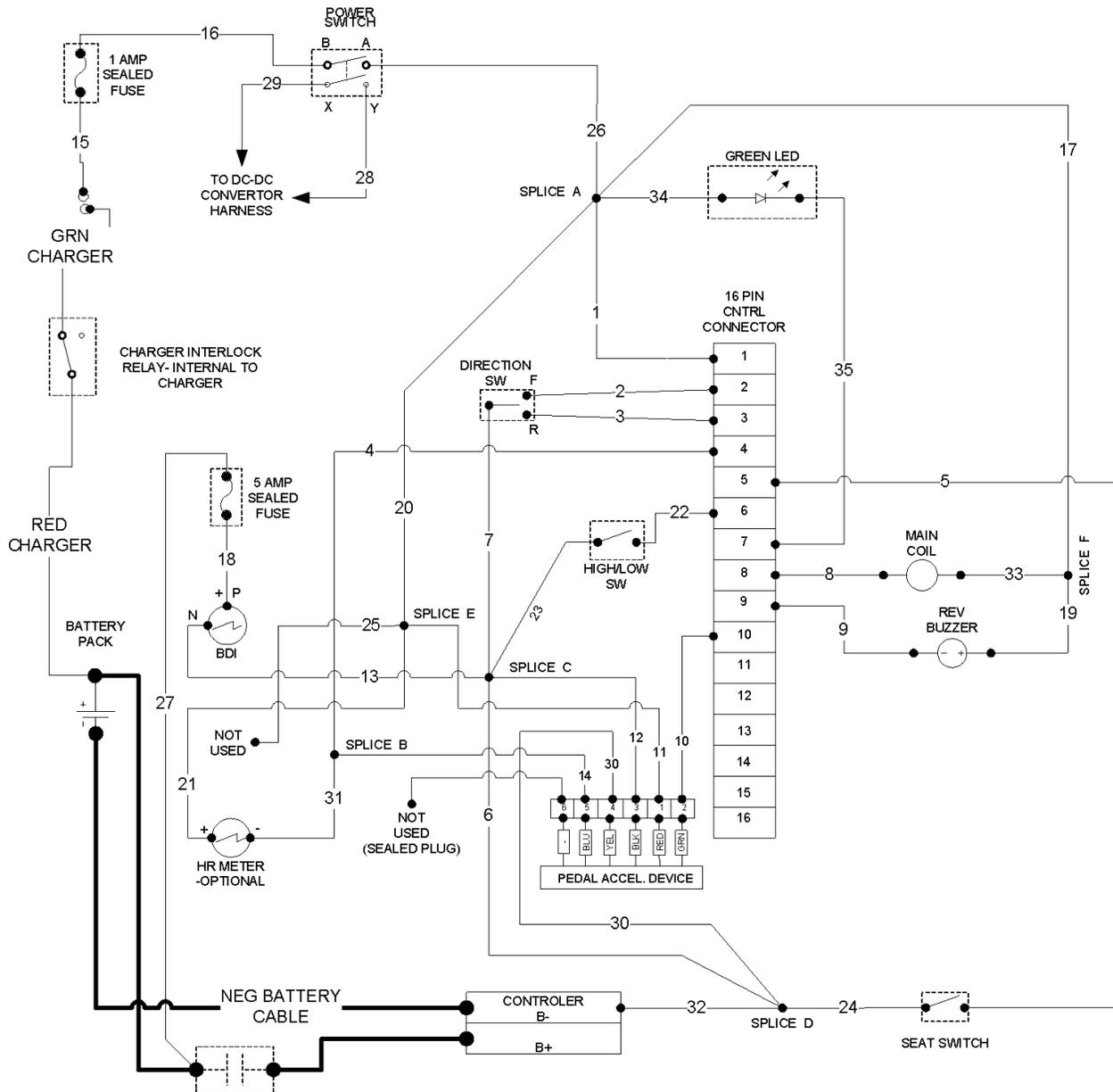
\* NOT SHOWN

**NOTE:**

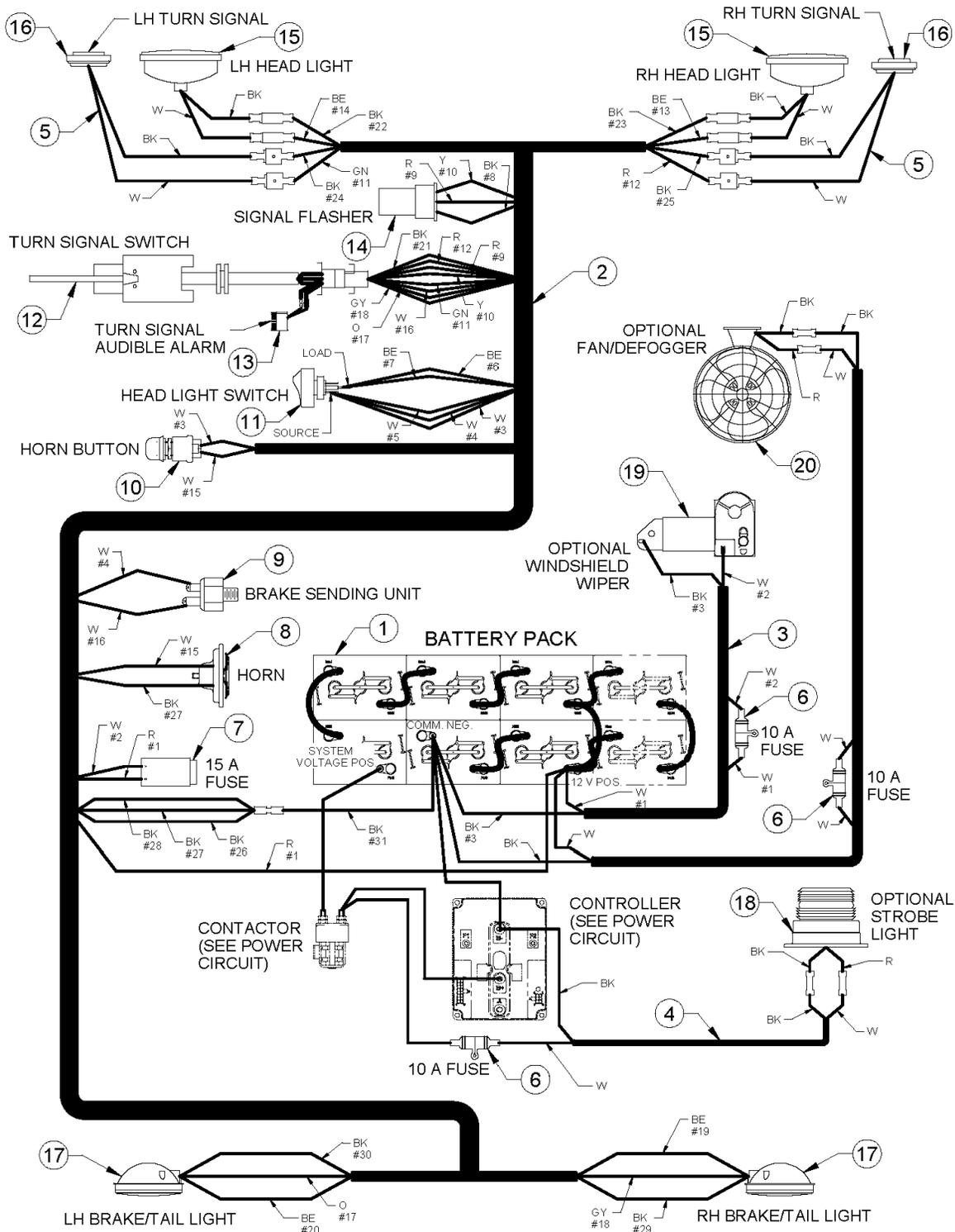
Harness is required for pot box attachment. Part includes main harness (70110-12) and adapter (70084-10) shown below.



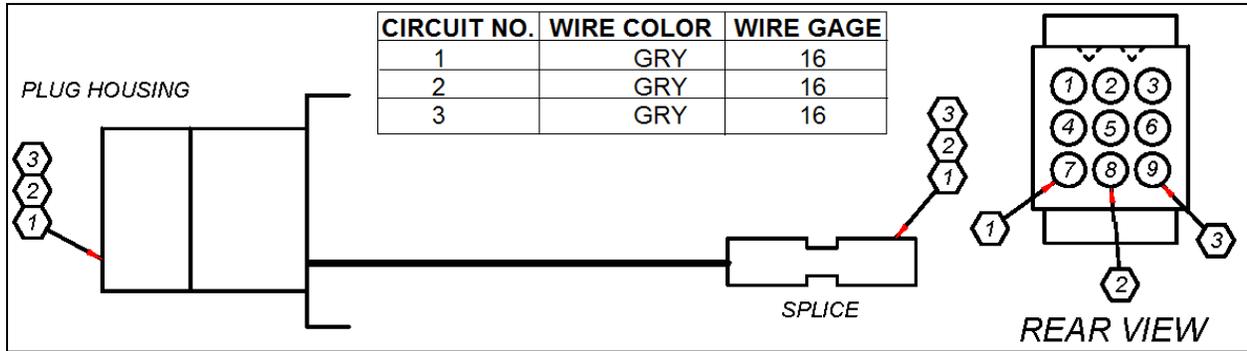
# MAIN WIRE HARNESS – BC (Cont.) SCHEMATIC DIAGRAM



# ACCESSORY WIRING - BC



## ACCESSORY WIRING – BC (Cont.)

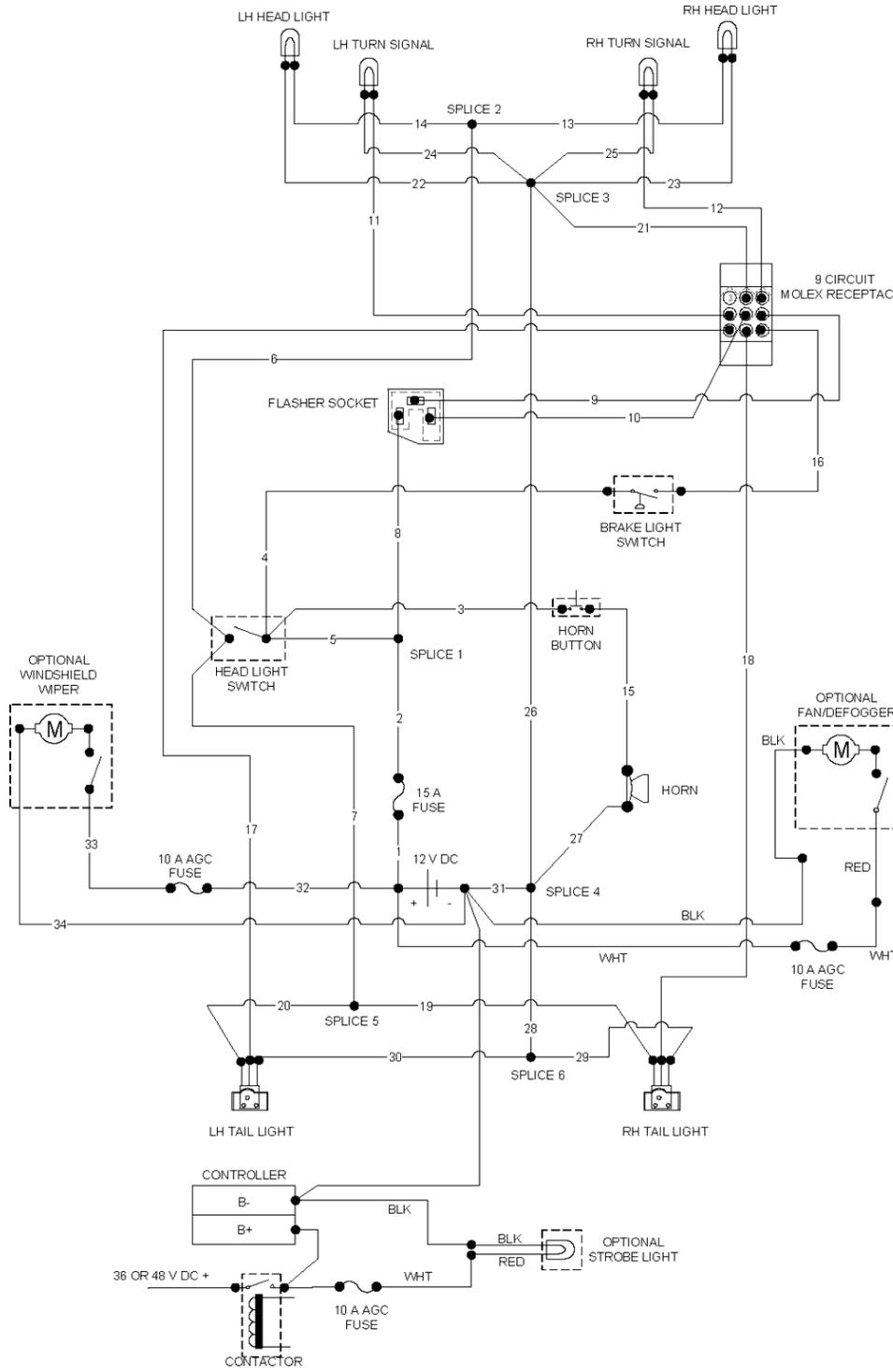


Item 21

ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	66014-03	BATTERY, 6V, DEEP CYCLE, (US 2200)	A/R	719229
1A	66005-03	BATTERY, 6V DEEP CYCLE HD, (US-145)		719231
1B	66200-10	BATTERY, 6V, AGM SEALED		760586
2	68869-02	WIRE HARNESS, BC, 12V, ACCESSORY	1	709252
3	68873-05	WIRE HARNESS, BC WINDSHIELD WIPER	1	467407
4	43795-ZZ	WIRE, TWISTED PAIR 16GA W/JACKET B/W	1	719678
5	69836-00	TURN LIGHT PIGTAIL W/GROMMET	2	463979
6	71860-94	FUSE HOLDER	A/R	719850
6A	74596-02	FUSE, 10 AMP ATO/ATC	A/R	709786
7	74595-01	FUSE, 15 AMP ATO/ATC	1	709255
8	69001-76A	HORN, 12V (2 TERMINAL)	1	709089
9	41212-00	SWITCH, BRAKE LIGHT	1	709749
10	71807-80	SWITCH, HORN	1	709385
11	72000-10	SWITCH, TOGGLE, OFF/NO SPEED CONTROL	1	760600
12	71428-04	TURN SWITCH ASSY	1	467279
13	71412-07	TURN SIGNAL AUDIBLE ALARM	1	759790
14	71977-04	TURN SIGNAL FLASHER UNIT	1	719366
15	67724-91	HEAD LIGHT	2	709389
16	68501-00	TURN LIGHT, AMBER, ROUND	2	709488
17	68020-92	BRAKE/TAIL LIGHT	2	709109
18	68029-06	STROBE LIGHT ASSY, AMBER	1	467408
19	84111-92	MOTOR, WINDSHIELD WIPER	1	709592
20	75321-00	FAN	1	749273
21	68867-02	WIRE HARNESS, TURN SIGNAL BYPASS PLUG	1	709861
*	84147-92	DOME LIGHT ASSY	1	709920
*	69510-11	DOME LIGHT HARNESS	1	467700
*	51150-11	DOME LIGHT MOUNTING BRACKET	1	510315
*	65199-11	HEATER KIT*(Kit include heater, mounting hardware & harness)	1	N/A
*	90140-00	STROBE KIT, POLE MOUNTED	1	190636U
*	90141-00	STROBE KIT, CAB MOUNTED	1	190637U
(Kits include strobe, mounting hardware & wires with terminals)				
*	84114-06	WIPER KIT (Includes motor, mounting hardware & harness)	1	191275U

\* NOT SHOWN

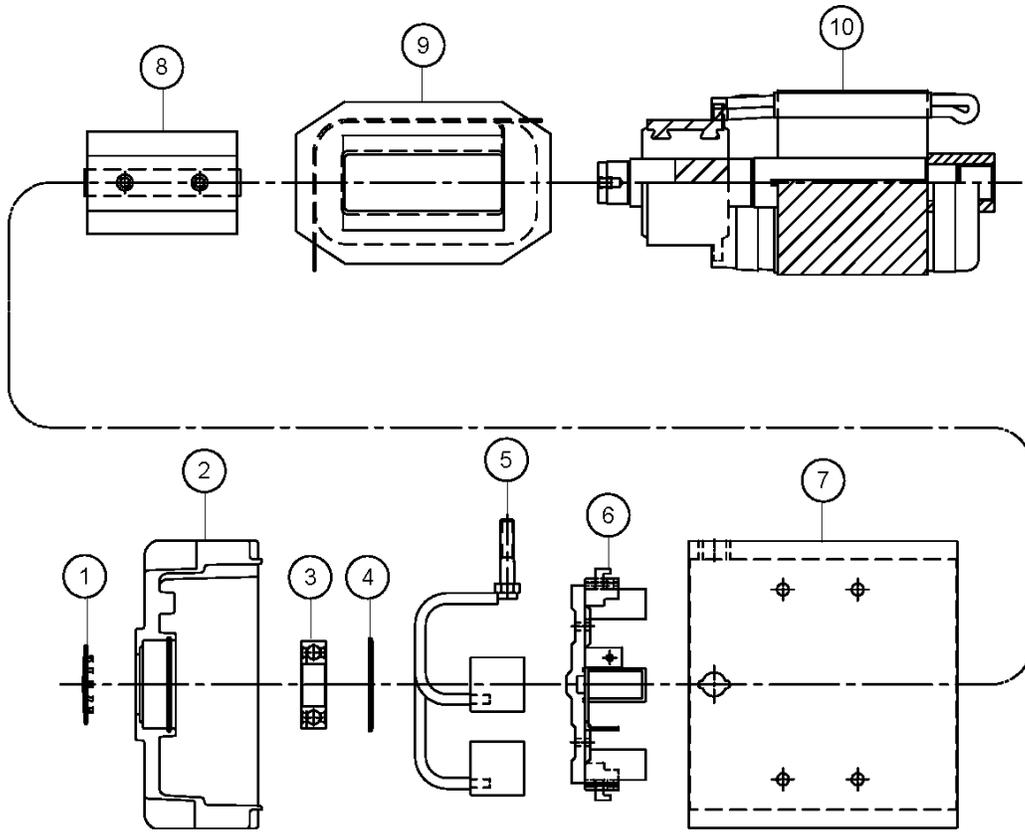
# ACCESSORY WIRING – BC (Cont.) SCHEMATIC DIAGRAM



HARNESS #68869-02		
CIRCUIT NO.	HARNESS WIRE NO.	WIRE COLOR
1	1	RED
2	2	WHT
3	3	WHT
4	4	WHT
5	5	WHT
6	6	BLU
7	7	BLU
8	8	BLK
9	9	RED
10	10	YEL
11	11	GRN
12	12	RED
13	13	BLU
14	14	BLU
15	15	WHT
16	16	WHT
17	17	ORG
18	18	GRY
19	19	BLU
20	20	BLU
21	21	BLK
22	22	BLK
23	23	BLK
24	24	BLK
25	25	BLK
26	26	BLK
27	27	BLK
28	28	BLK
29	29	BLK
30	30	BLK
31	31	BLK

HARNESS #68873-05		
CIRCUIT NO.	HARNESS WIRE NO.	WIRE COLOR
32	1	WHT
33	2	WHT
34	3	BLK

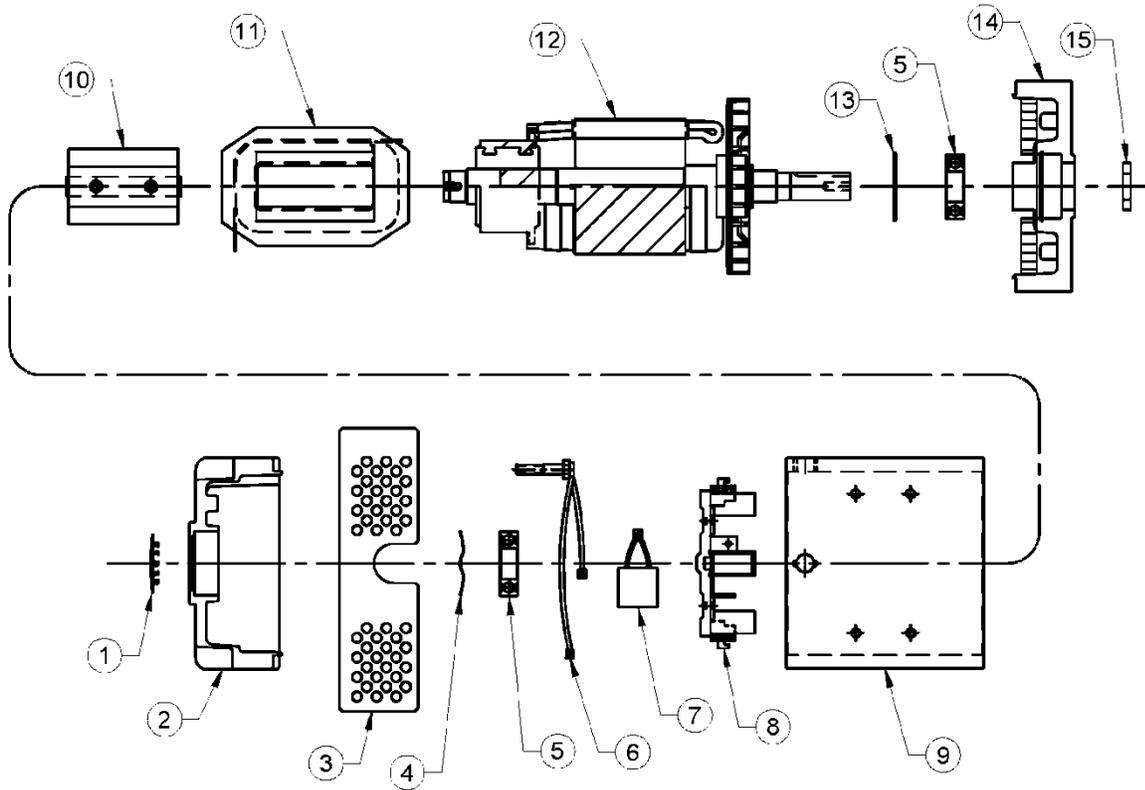
MOTOR, SEP EX – BC 2



ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	*	HOLE PLUG	1	N/A
2	*	COMMUTATOR END HEAD (Includes Fasteners)	1	N/A
3	83310-07	BEARING	1	759896
4	*	RETAINING RING	1	N/A
5	30402-06	BRUSH ASSY. (Includes Fasteners)	2	759780
6	30403-06	BRUSH BOX ASSY. (Includes Fasteners)	1	759781
7	*	MOTOR FRAME	1	N/A
8	*	POLE SHOE ASSY. (Includes Fasteners)	4	N/A
9	*	SHUNT COIL ASSY. (Includes Fasteners)	1	N/A
10	*	ARMATURE ASSY.	1	N/A
N/A	69300-03	MOTOR, COMPLETE (Includes Items 1-10)	1	719135

\* SPECIAL ORDER

## MOTOR – BC3 & 4

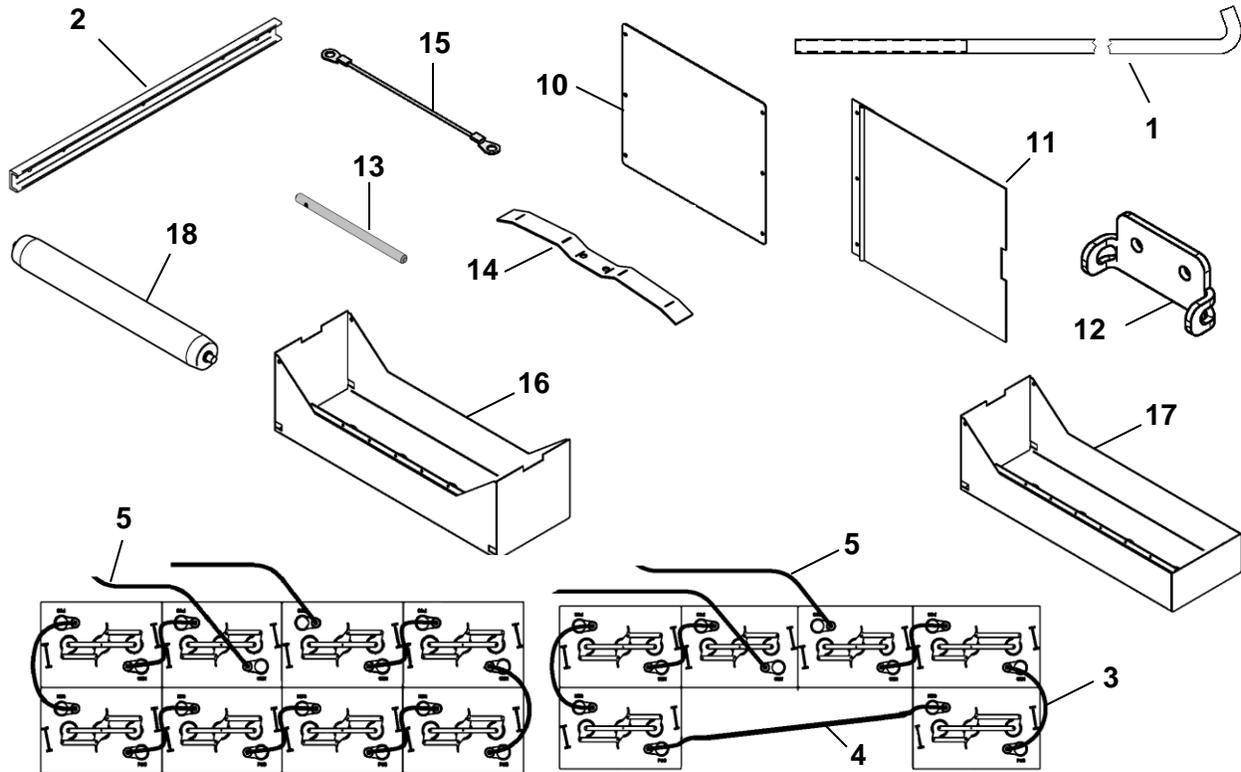


ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	*	HOLE PLUG	1	N/A
2	*	COMMUTATOR END HEAD (Includes fasteners)	1	N/A
3	*	HEAD BAND (Includes fasteners)	1	N/A
4	*	WAVY WASHER	1	N/A
5	83310-07	BEARING	2	759896
6	*	LEAD WIRE ASSY.(Includes fasteners)	2	N/A
7	30404-06	BRUSH (Includes fasteners)	4	759782
8	30403-06	BRUSH BOX ASSY (Includes fasteners)	1	759781
9	*	MOTOR FRAME	1	N/A
10	*	POLE SHOE ASSY.(Includes fasteners)	4	N/A
11	*	SHUNT COIL ASSEMBLY (Includes fasteners)	1	N/A
12	*	ARMATURE ASSY.	1	N/A
13	*	RETAINING RING	1	N/A
14	*	DRIVE END HEAD (Includes fasteners)	1	N/A
15	*	OIL SEAL	1	N/A
N/A	69304-04	MOTOR, COMPLETE (Includes Items 1 – 15)	1	719370

\* SPECIAL ORDER

\*\* SPECIAL ORDER, INCLUDES ALL NECESSARY FASTENERS

## BATTERY HARDWARE – BC



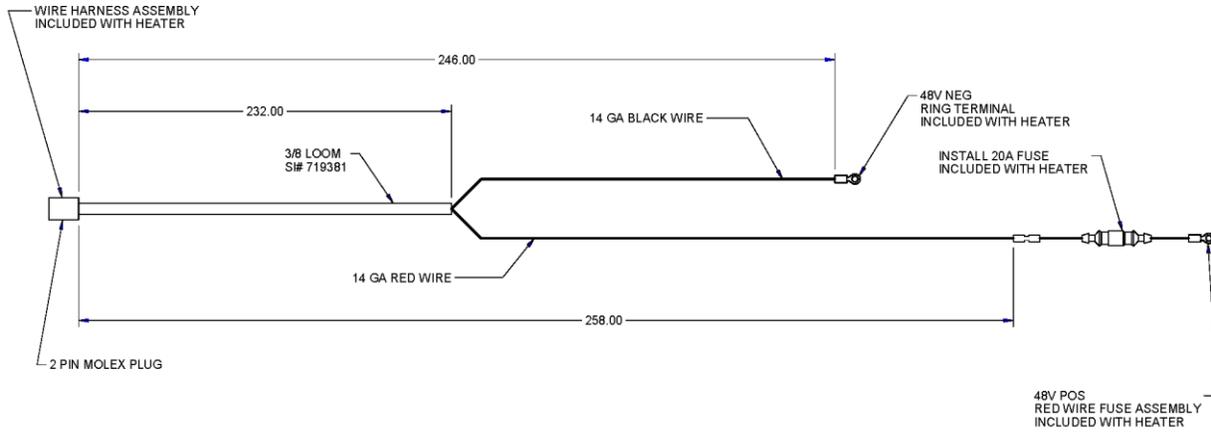
ITEM	CPC P/N	DESCRIPTION	QTY 36V	QTY 48V	SEATS P/N
1	66561-90A	HOLD DOWN ROD	2	3	709059
2	47711-98A	HOLD DOWN	1	1	709196
3	70099-88	CABLE, 4GAX8.75	4	7	709004
4	70105-88	CABLE, 4GAX37	1	-	709019
5	70105-98	CABLE, 4GAX61.5	2	2	709411
6*	6256	WASHER, SS .28X1.375X.06	2	3	719786
7*	6703-B	WASHER, 1/4	12	12	719811
8*	7036-B	WASHER, LOCK 1/4	12	12	719834
9*	7680	NUT, 1/4-20 SS	2	3	719836
10	**	DOOR,	2	2	509591
11	51367-03	DOOR, PUSH PULL, ROLL OUT	1	1	307463
12	51368-03	LATCH	1	1	509577
13	314	LATCH PIN	1	1	709617
14	51359-00	SPRING, RETAINER	2	2	709619
15	805	LANYARD	1	1	709767
16	51366-03	BATTERY BOX, PUSH PULL	1	1	307462
17	**	BATTERY BOX, ROLL OUT	1	1	310015
18	9093	ROLLER, PUSH PULL, ROLL OUT	6	6	719156
19*	3787-B	SCREW, 1/4-20X3/4 HHC	12	12	719636
20*	51358-03	KIT, WIDE PUSH PULL	1	1	190576U

\* NOT SHOWN

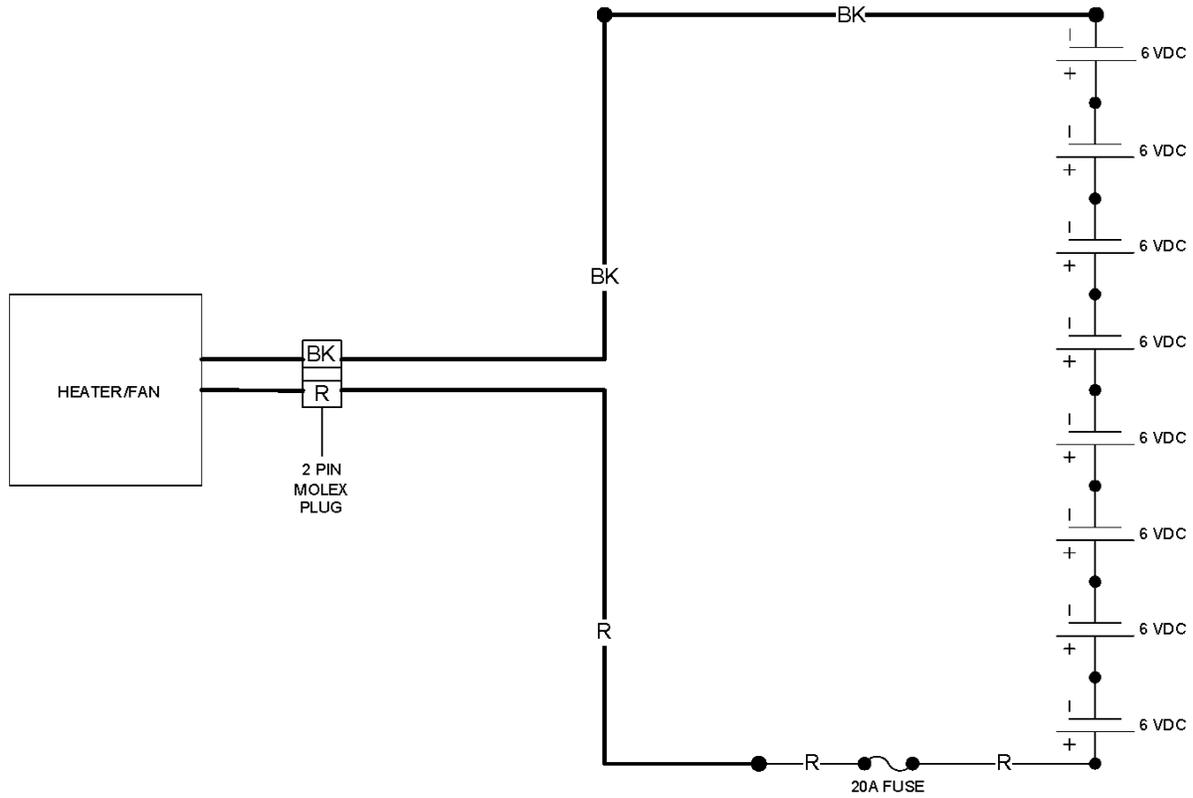
\*\* SPECIAL ORDER

# HEATER HARNESS - BC

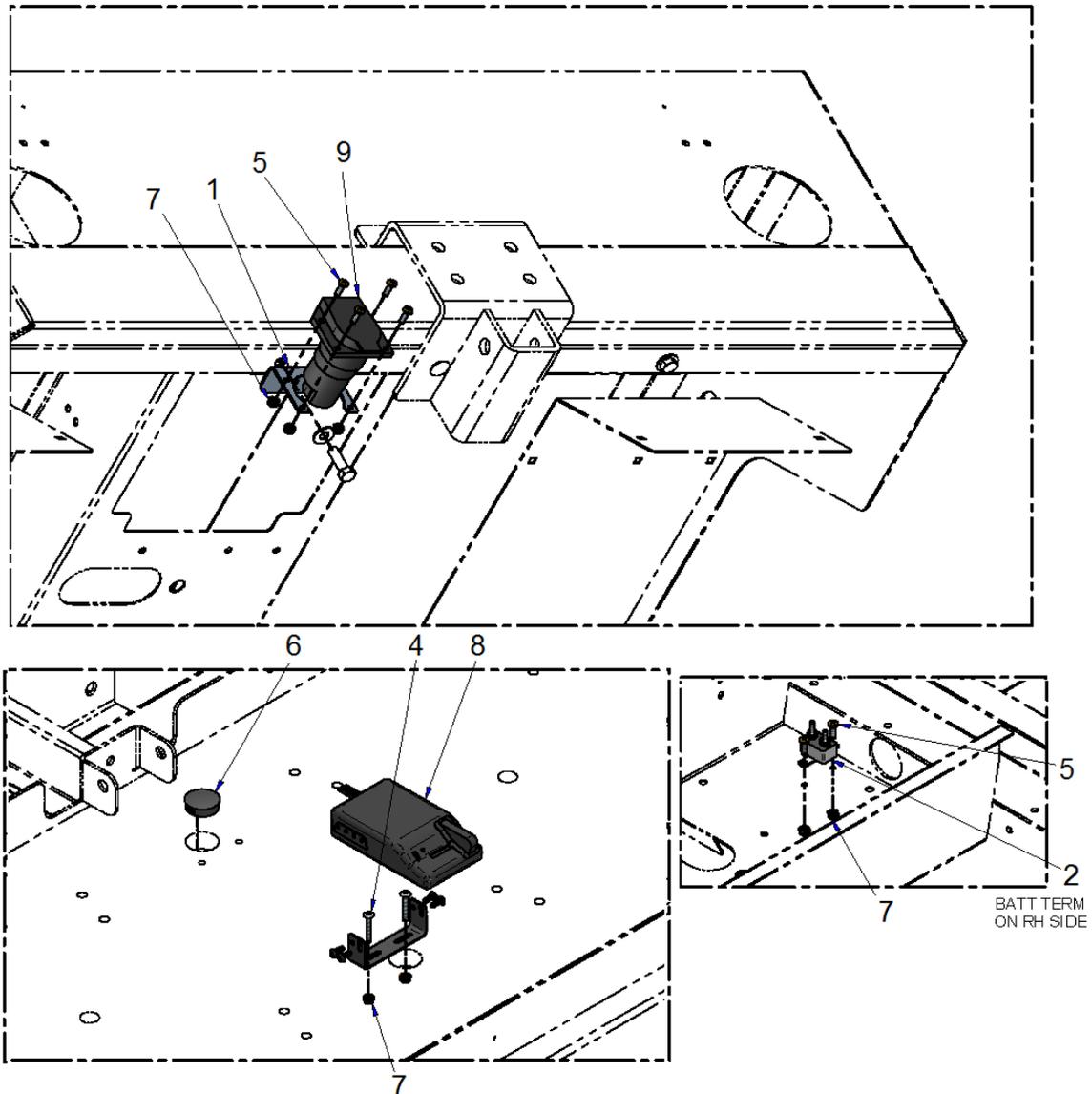
NOTE: Not available as a separate item. Included with heater



## SCHEMATIC



## TRAILER BRAKE CONTROLLER – BC

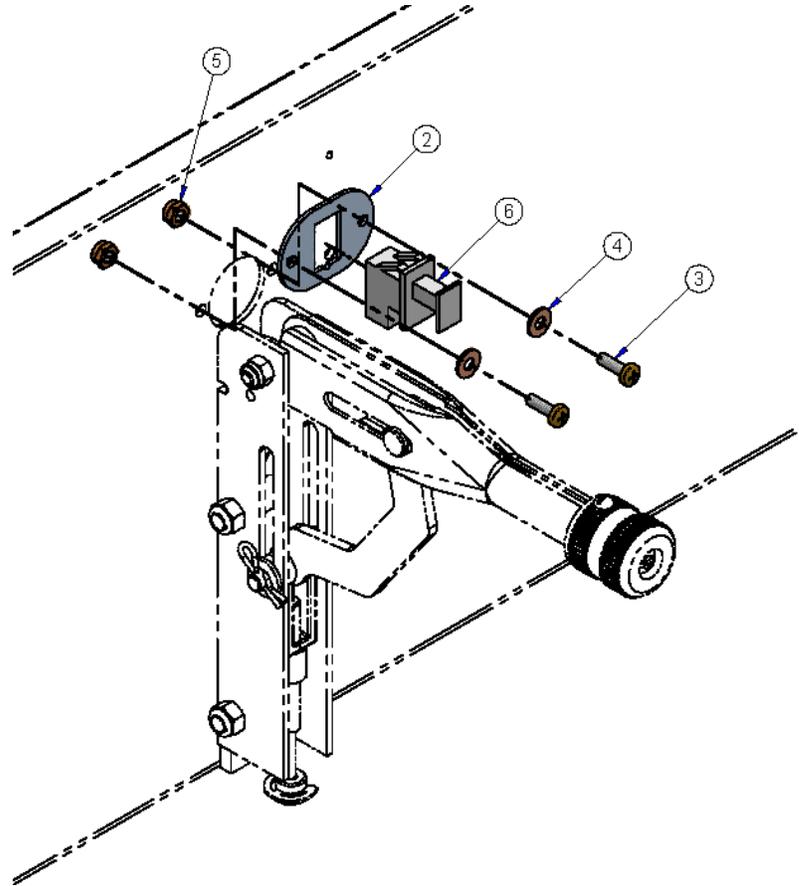


ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	69924-14	BRACKET, TRAILER PLUG	1	515774
2	74591-96	CIRCUIT BREAKER 20 AMP	1	709398
3*	10043	CABLE TIE, BLACK 11 3/4"	2	719504
4	1005	SCREW, 10-24X1-1/4,PTH,MS,ZC	2	719505
5	2665	SCREW, 10-24 X 5/8 PHILLIPS PHM	6	719584
6	658	PLUG, 1.25" BLACK PLASTIC	1	719803
7	7624	NUT 10-24 GR A NM MACH NYLON LOCK	8	719870
8	42716-14	BRAKE CONTROLLER (See Instructions 712344)	1	760531
9	69925-14	WIRE HARNESS, MVP TRAILER RECEPTACLE	1	760572
10*	**	BRAKE CONTROL HARNESS (See Page 5-20)	1	761070
11*	53048-14	TOWING SPECS DECAL (See Page 4-14)	2	761148

\* NOT SHOWN

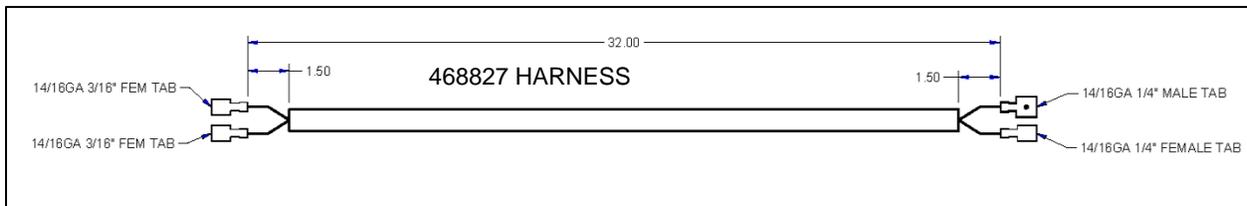
\*\* SPECIAL ORDER

## HANDBRAKE INTERLOCK SWITCH – BC

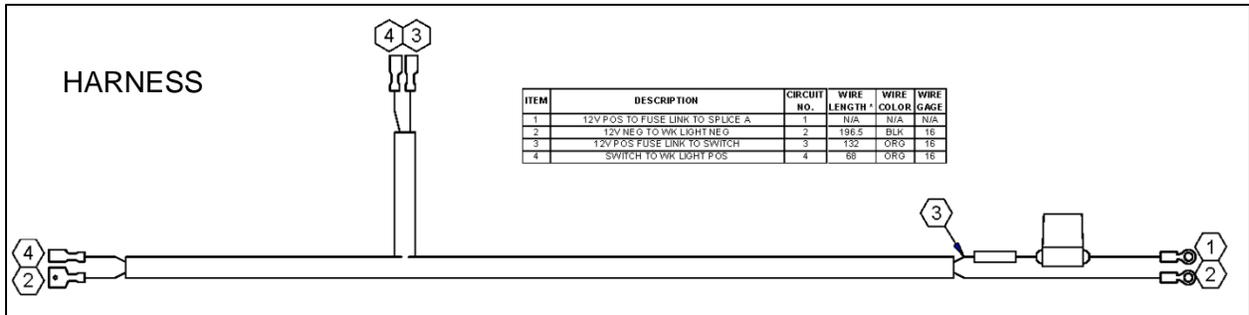
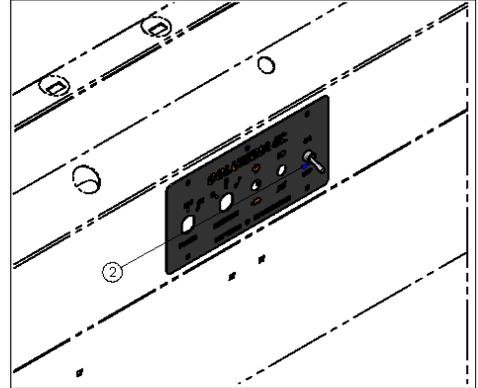
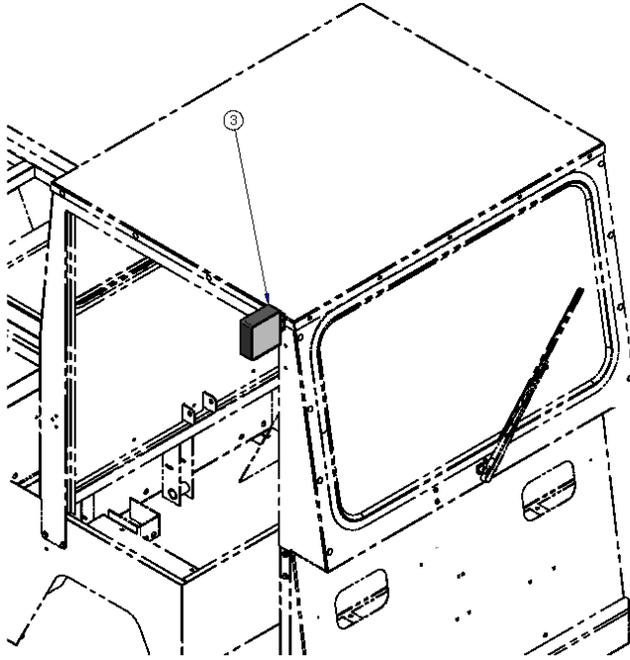


ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	*	HARNESS, HANDBRAKE INTERLOCK SWITCH	1	468827
2	*	PLATE, HANDBRAKE INTERLOCK SWITCH	1	515776
3	2665	SCREW, 10-24 X 5/8 PHILLIPS PHM	2	719584
4	6716	WASHER,#10, SAE, FW,BLK MAX	2	719812
5	7624	NUT 10-24 GR A NM MACH NYLON LOCK	2	719870
6	72546-08	SWITCH, HAND BRAKE LIGHT	1	759958
7	40899-14	KIT, HANDBRAKE INTERLOCK SWITCH (Includes above items)		192712U

\* SPECIAL ORDER



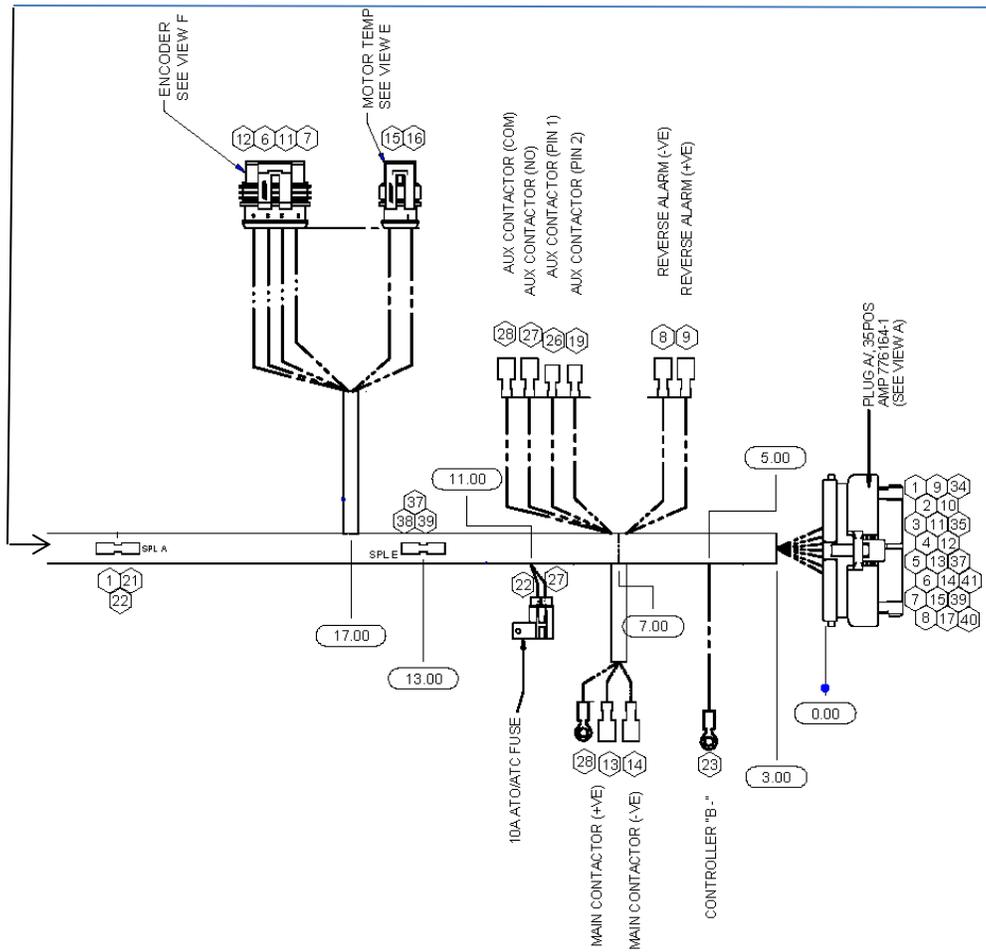
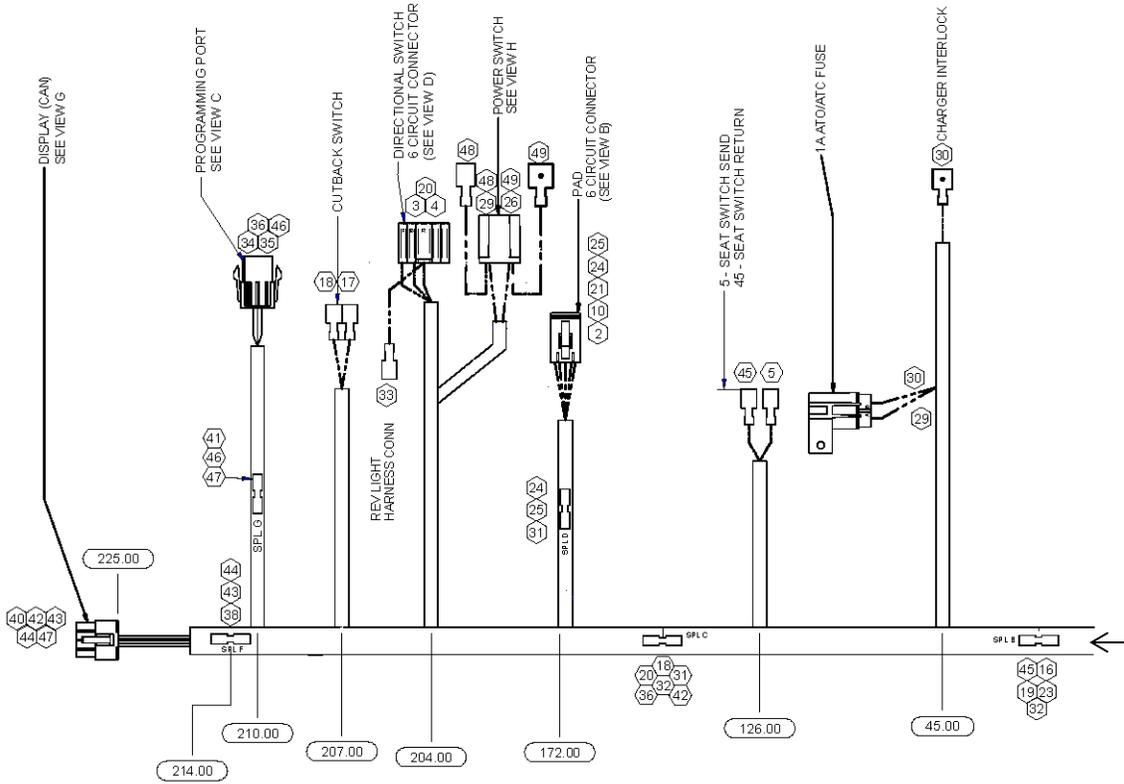
## WORK LIGHT – BC



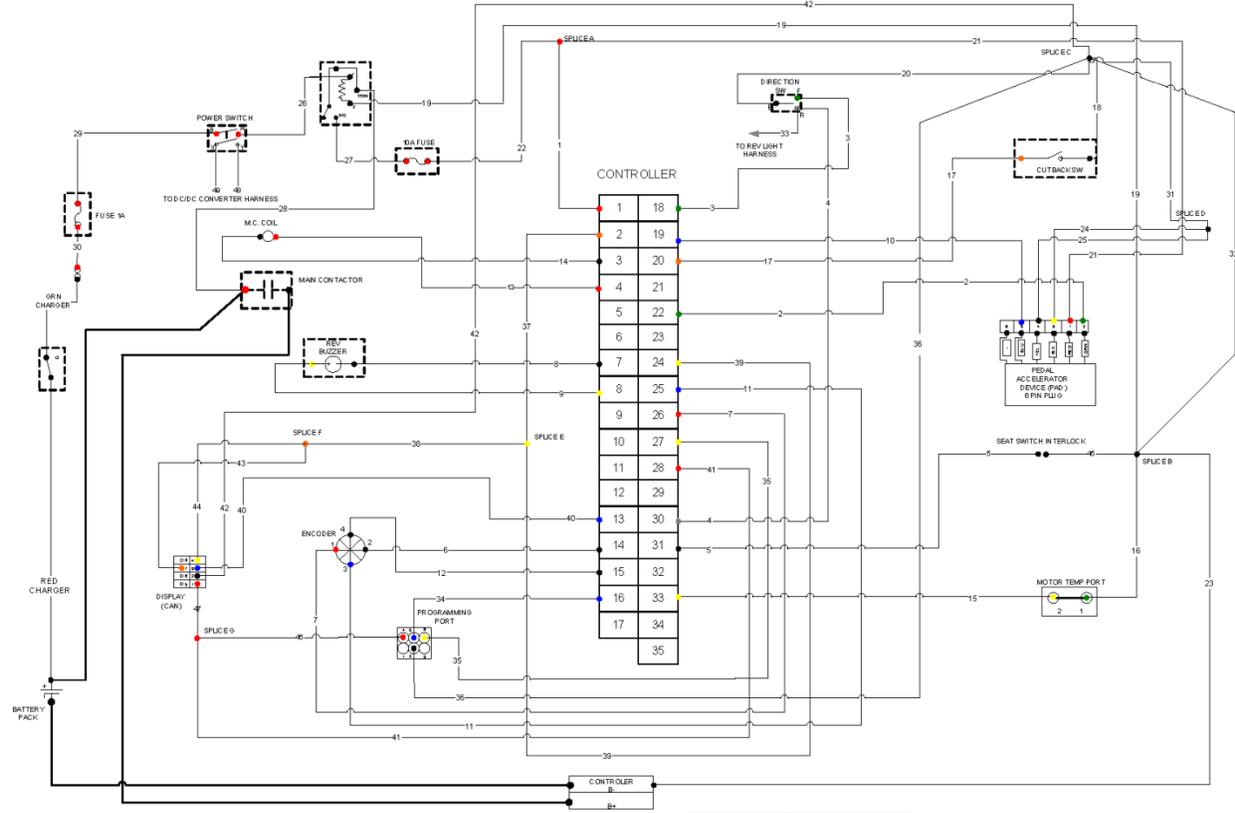
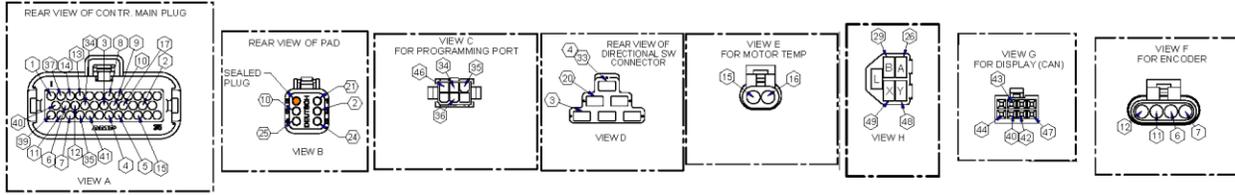
ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	69539-14	WORK LIGHT HARNESS	1	468837
2	72000-10	SWITCH, TOGGLE, ON-OFF	1	760600
3	67706-14	LIGHT, FLOOD, LED, 12-24V		761077

NOTE: Items 3 mounts using roof hardware and holes.

# SEVCON AC HARNESS – BC P/N 69915-14



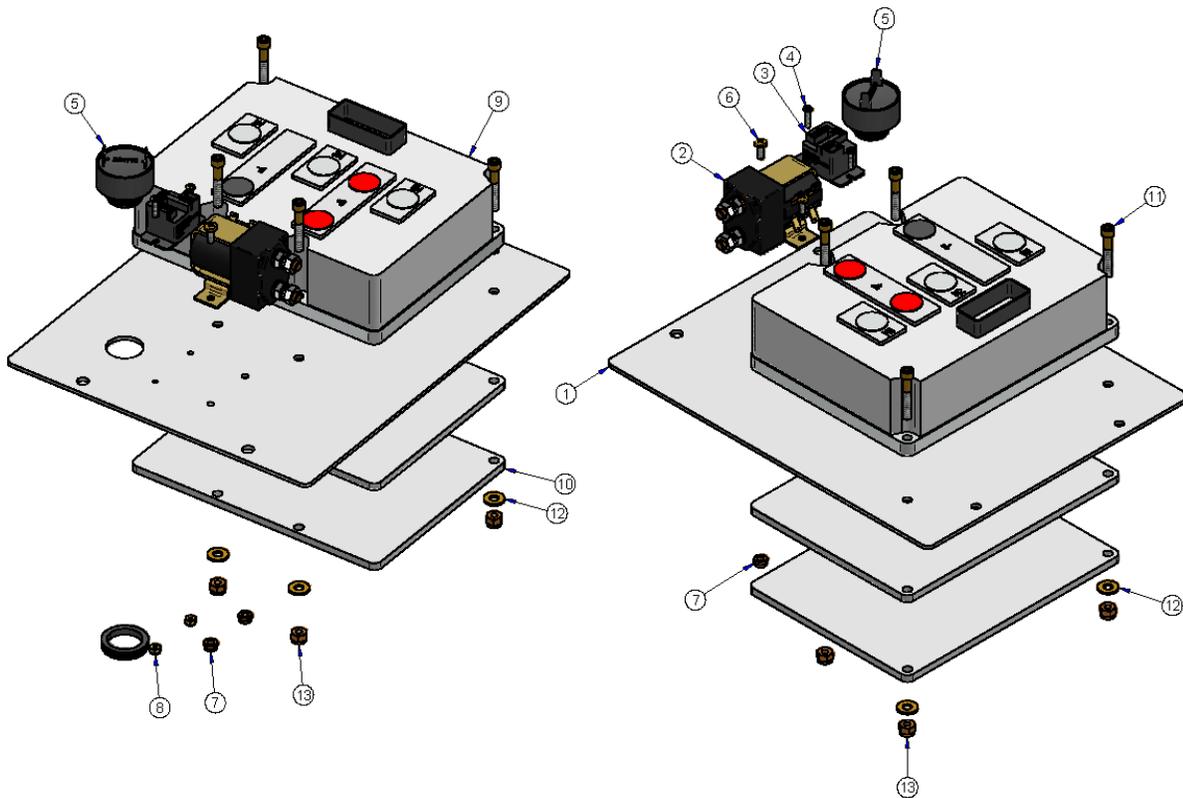
# SEVCON AC HARNESS – BC (Cont.)



CIRCUIT NO.	WIRE COLOR								
1	RED	11	BLU	21	RED	31	BLK	41	RED
2	GRN	12	BLK	22	RED	32	BLK	42	BLK
3	GRN	13	RED	23	BLK	33	GRAY	43	GRN
4	GRAY	14	BLK	24	YLW	34	BLU	44	YLW
5	BLK	15	YLW	25	BLK	35	YLW	45	BLK
6	WHT	16	GRN	26	RED	36	BLK	46	RED
7	RED	17	ORG	27	RED	37	ORG	47	RED
8	YLW	18	BLK	28	RED	38	YLW	48	RED
9	BLK	19	BLK	29	RED	39	YLW	49	RED
10	BLU	20	BLK	30	RED	40	BLU		

Pin	Description
1	KEY SWITCH INPUT
2	CAN BUS TERMINATION
3	MAIN CONTACTOR (-) SUPPLY
4	MAIN CONTACTOR (+) SUPPLY
5	NOT USED
6	NOT USED
7	REVERSE ALARM (-) SUPPLY
8	REVERSE ALARM (+) SUPPLY
9	NOT USED
10	NOT USED
11	NOT USED
12	NOT USED
13	CAN HIGH (DISPLAY)
14	ENCODER PHASE A
15	ENCODER (-) SUPPLY
16	CAN HIGH (PROGRAMMING)
17	NOT USED
18	FORWARD
19	FUSE SUPPLY
20	CUTBACK SWITCH
21	NOT USED
22	PEDAL SIGNAL
23	NOT USED
24	CAN LOW (DISPLAY)
25	ENCODER PHASE B
26	ENCODER (+) SUPPLY
27	CAN LOW (PROGRAMMING)
28	DISPLAY (+) SUPPLY
29	NOT USED
30	NOT USED
31	REVERSE
32	SAFETY OUT
33	NOT USED
34	MOTOR TEMP (-) SUPPLY
35	NOT USED

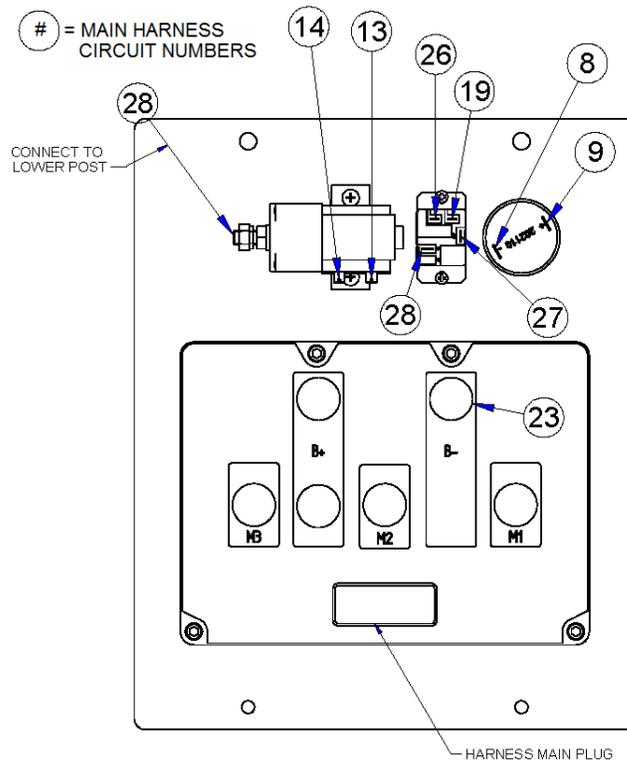
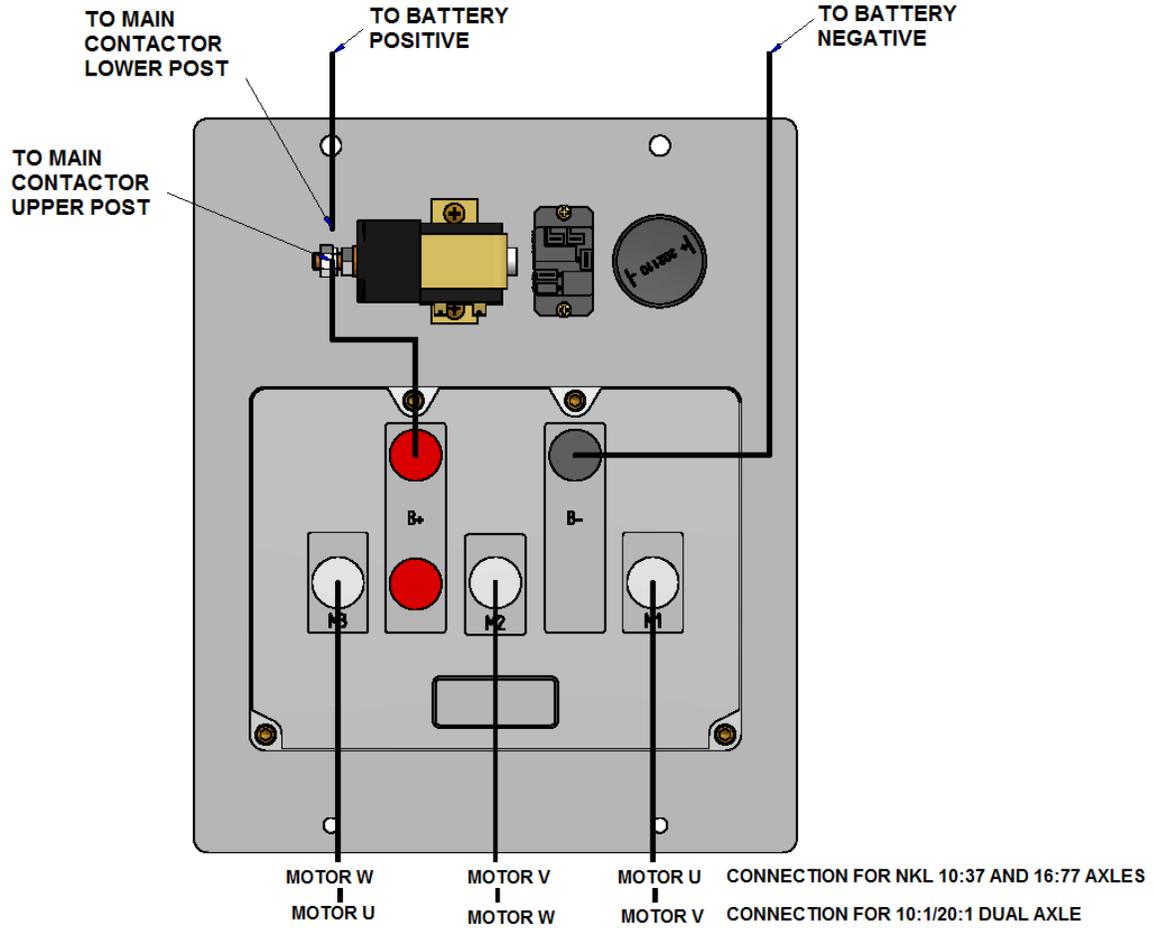
## SEVCON AC PANEL – BC



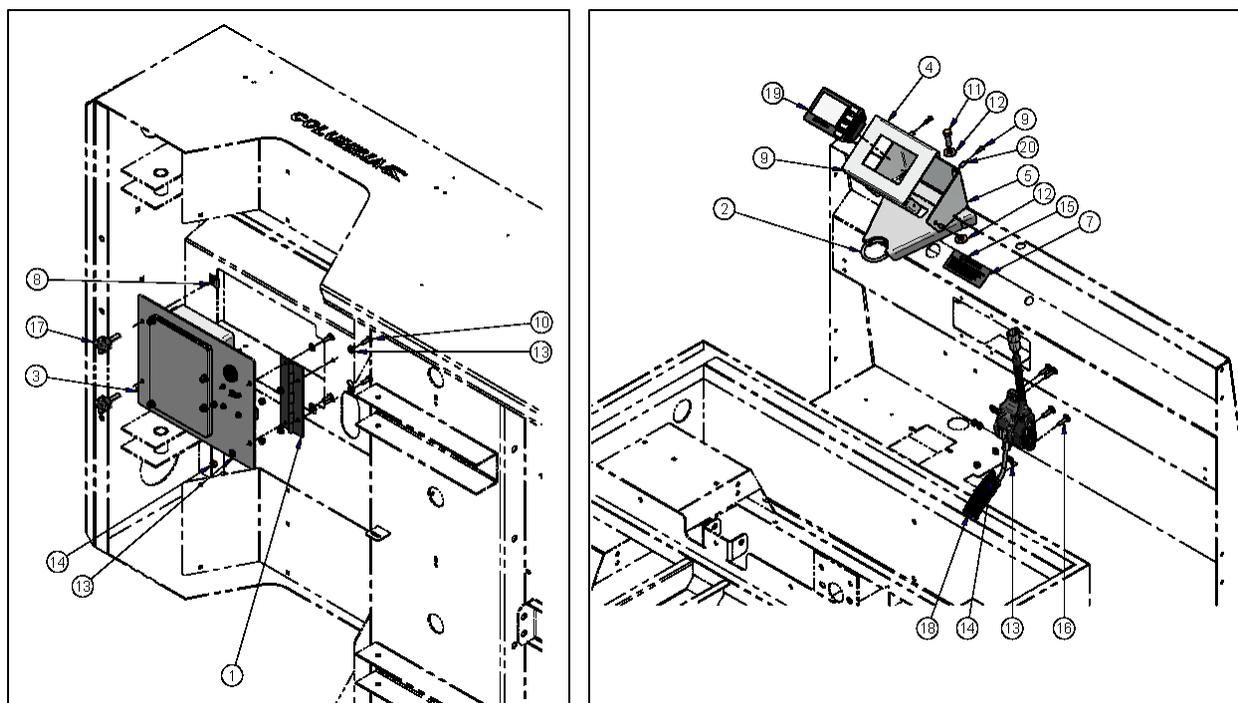
ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	*	PANEL, BC SEVCON AC	1	515761
2	71466-02	CONTACTOR, SINGLE -48V COIL, SW80	1	709590
3	66555-00	RELAY, 48VDC, SPSTNO, 20	1	759829
4	2646	SCREW,#6-32X5/8,PPH, M/S,YWZC	2	719581
5	71408-96A	BUZZER, REVERSE - 9/48 V DC	1	759831
6	2592	SCREW, 10-24 X 1/2 PHILLIPS PHM	2	719566
7	7624	7624NUT 10-24 GR A NM MACH NYLON LOCK	2	719870
8	7592	NUT 6-32 GR A NM MACH NYLON YWZC	2	719866
9	69533-13	GEN4 CONTROLLER -SEVCON	1	760956
10	69538-14	PLATE, HEAT SINK	2	515379
11	2010-B	SCREW,1/4-20X1-1/2, SHCS,BLK MAX	4	719545
12	6703-B	WASHER,1/4,SAE,F/W, BLK MAX	4	719811
13	7686	NUT, 1/4-20, NYLOCK, GA, YWZC	4	719879
14*	70099-88	CABLE, 4GA X 8.75	1	709004
15*	70105-89	CABLE, 4GA X 61.50	2	709411
16*	71582-84	WIRE MARKER,NEGATIVE	1	749181
17*	71581-84	WIRE MARKER,POSITIVE	1	749180
18*	69915-14	HARNESS -SEVCON AC, BC	1	761057
19*	**	LABEL, WHITE, 1.9 WX50'L "	1	760792
20*	69916-14	CABLE, MOTOR, SEVCON AC, 25.5 "	3	761063
21	69913-14	AC PANEL (Includes above Items)	1	468820

\* NOT SHOWN

## AC CABLE & HARNESS ROUTING- BC



## SEVCON AC MOUNTING – BC

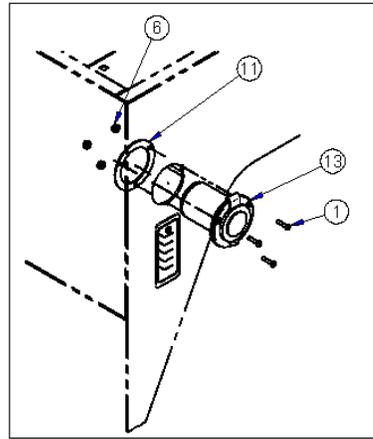
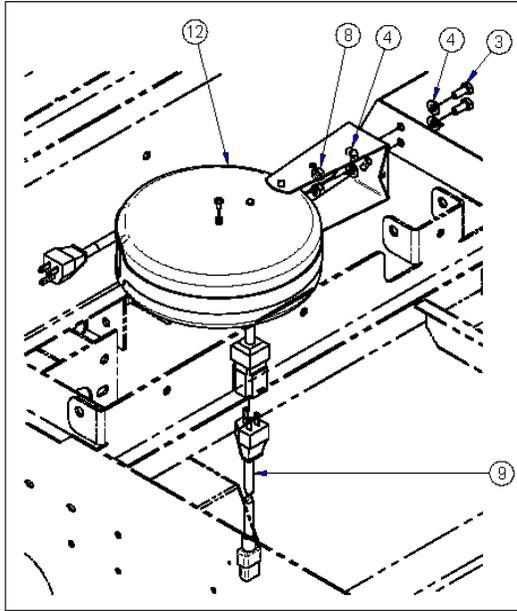
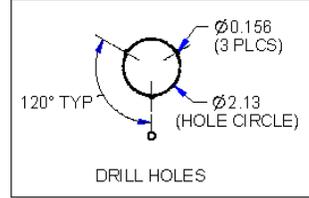
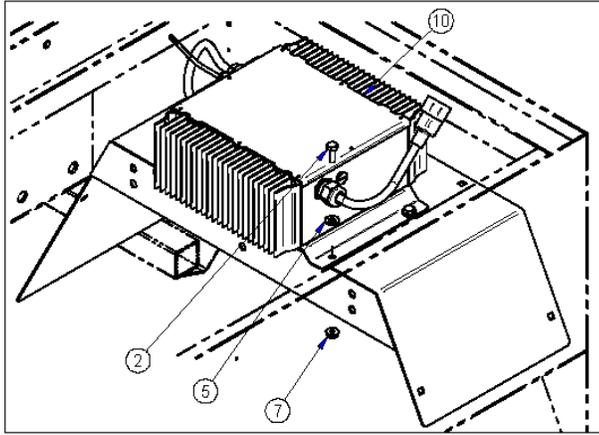


ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	52918-07	HINGE, CARGO SEAT	1	308737PL
2	**	UPPER STEERING COLUMN SUPPORT, AC DRIVE	1	312189
3	69913-14	PANEL, SEVCON AC	1	468820
4	**	PANEL, AC DISPLAY	1	515766
5	**	SUPPORT, AC DISPLAY PANEL	1	515767
6*	53250-01	LABEL SET	1	709754
7	71527-04	DECAL, SWITCH SET POSITION	1	719426
8	11735	NUT, TINNEMAN, J-TYPE	2	719537
9	2665	SCREW, 10-24 X 5/8 PHILLIPS PHM	4	719584
10	3787-B	SCREW, 1/4-20X3/4,HHCS,G5, BLK150	4	719636
11	4716-W	SCREW, 3/8-16 X 1-1/4, HHCS, G5, YWZC	2	719694
12	6416	WASHER FLT STL BLK ZNC 3/8 STD	4	719796
13	6703-B	WASHER,1/4,SAE,FW,BLK MAX	12	719811
14	7686	NUT, 1/4-20, NYLOCK, GA, YWZC	8	719879
15	7778	NUT,3/8-16,GA,NE,NYLON INSERT,YWZC	2	719902
16	5490	CARRIAGE BOLT 1/4-20 X 1 GR5 BK	4	759116
17	66855-14	KNOB - 5/16-18 X1 1/2 LG	2	760023
18	40610-10	PEDAL ASSEMBLY, ACCEL	1	760635
19	69534-13	DISPLAY, CLEARVIEW, SEVCON	1	760958
20	11601	RIVNUT,10-24,LP,RIBBED, .020-.130,ZC	4	781599
21*	11497	CAP PLUG, SAE 3/8" OD BLACK	1	781642

\* NOT SHOWN

\*\* SPECIAL ORDER

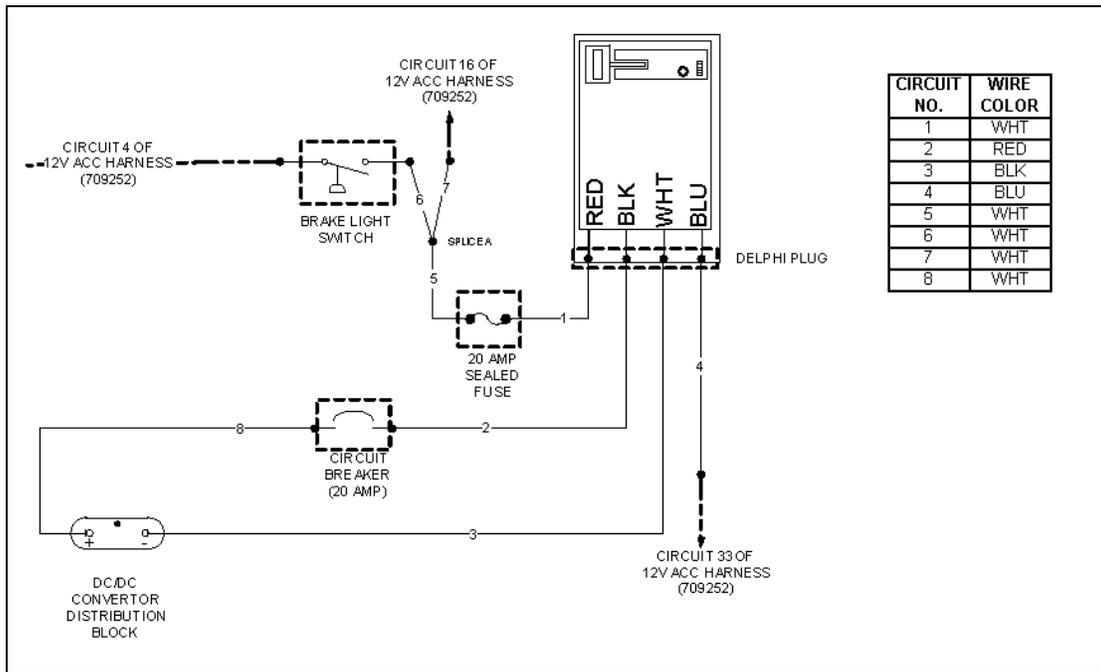
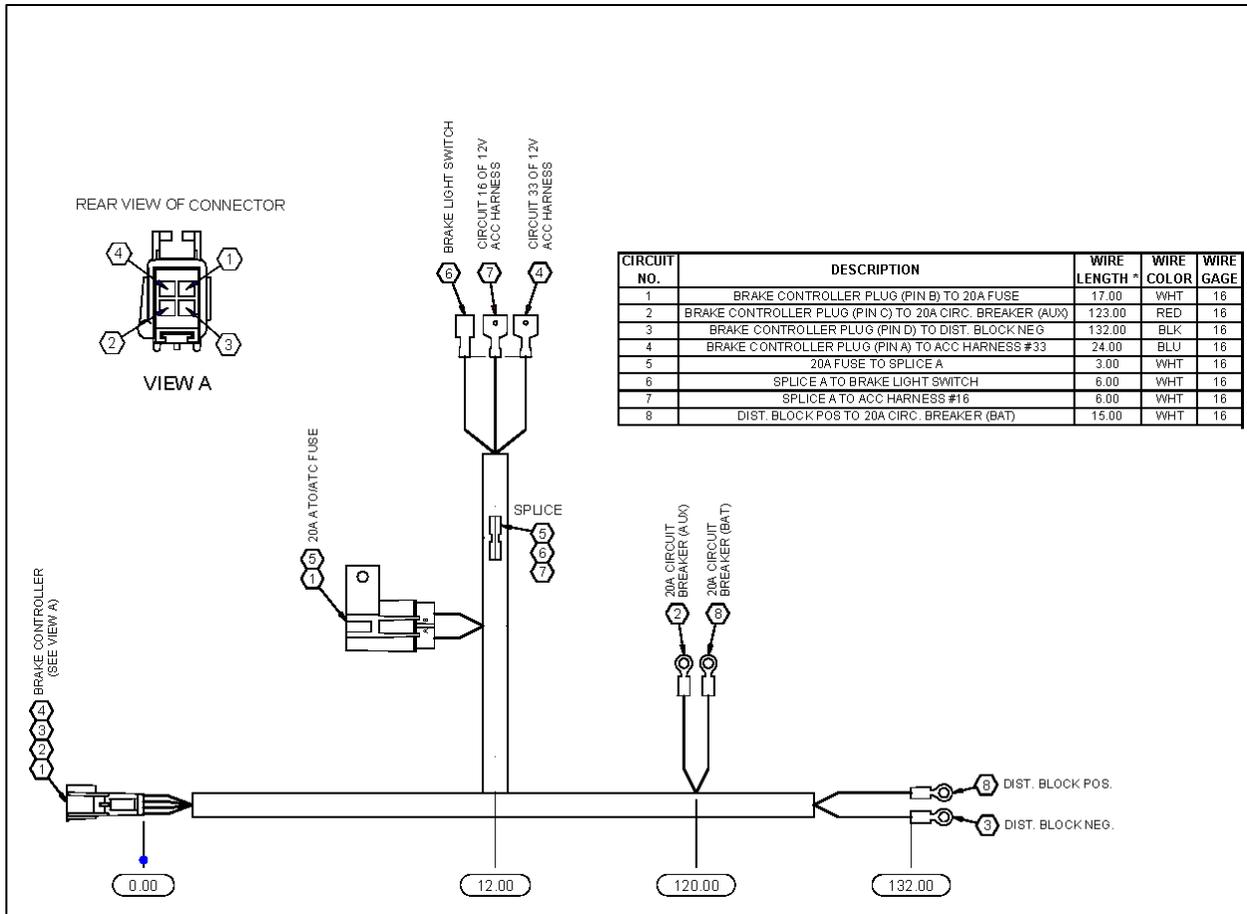
### 48V CHARGER W/REEL - BC



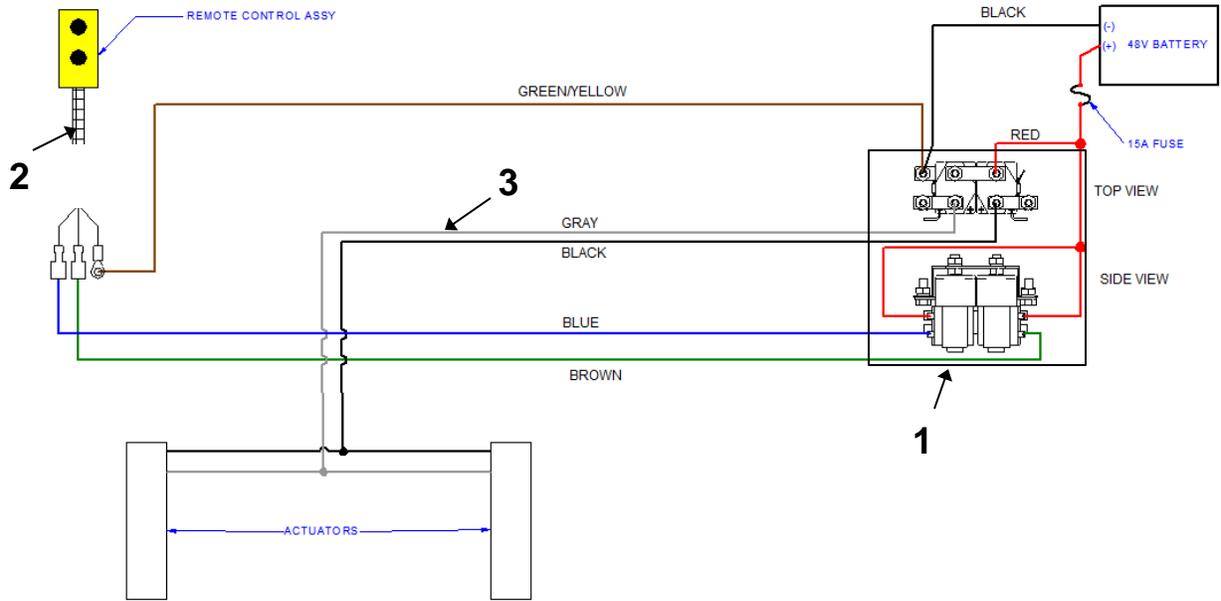
ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	2646	SCREW,#6-32X5/8,PPH,M/S, YWZC	3	719581
2	3787-B	SCREW,1/4-20X3/4,HHCS,G5, BLK150	4	719636
3	3987-BS	SCREW, 5/16-18 X 3/4 HHCS, GR 5	2	719642
4	6702-B	WASHER,5/16,SAE,F/W,BLK MAX	4	719810
5	6703-B	WASHER,1/4,SAE,F/W,BLK MAX	4	719811
6*	7592	NUT 6-32 GR A NM MACH NYLON YWZC	3	719866
7	7724-B	NUT 1/4-20 GR A SERRATED FLNG LOCK	4	719887
8	7739	NUT,5/16-18,L/N,NYLOK,NE,GA, BLKMAX	2	719892
9	*	CHARGER CORD, 6.5FT, 14/3	1	760691
10	66583-12	CHARGER, DELTA Q - 48V SEALED, W/LED	1	760742
11	*	PLATE, BACKING, CORD REEL	1	C3999_5105
12	*	ASM, CORD REEL	1	C3999_5108
13	*	HOUSING, PLUG	1	C3999_5194

\* SPECIAL ORDER

# TRAILER BRAKE HARNESS & SCHEMATIC – BC

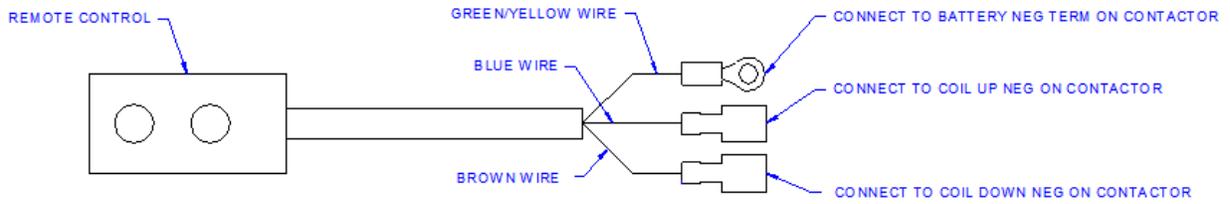


# TILT BED SCHEMATIC – BC



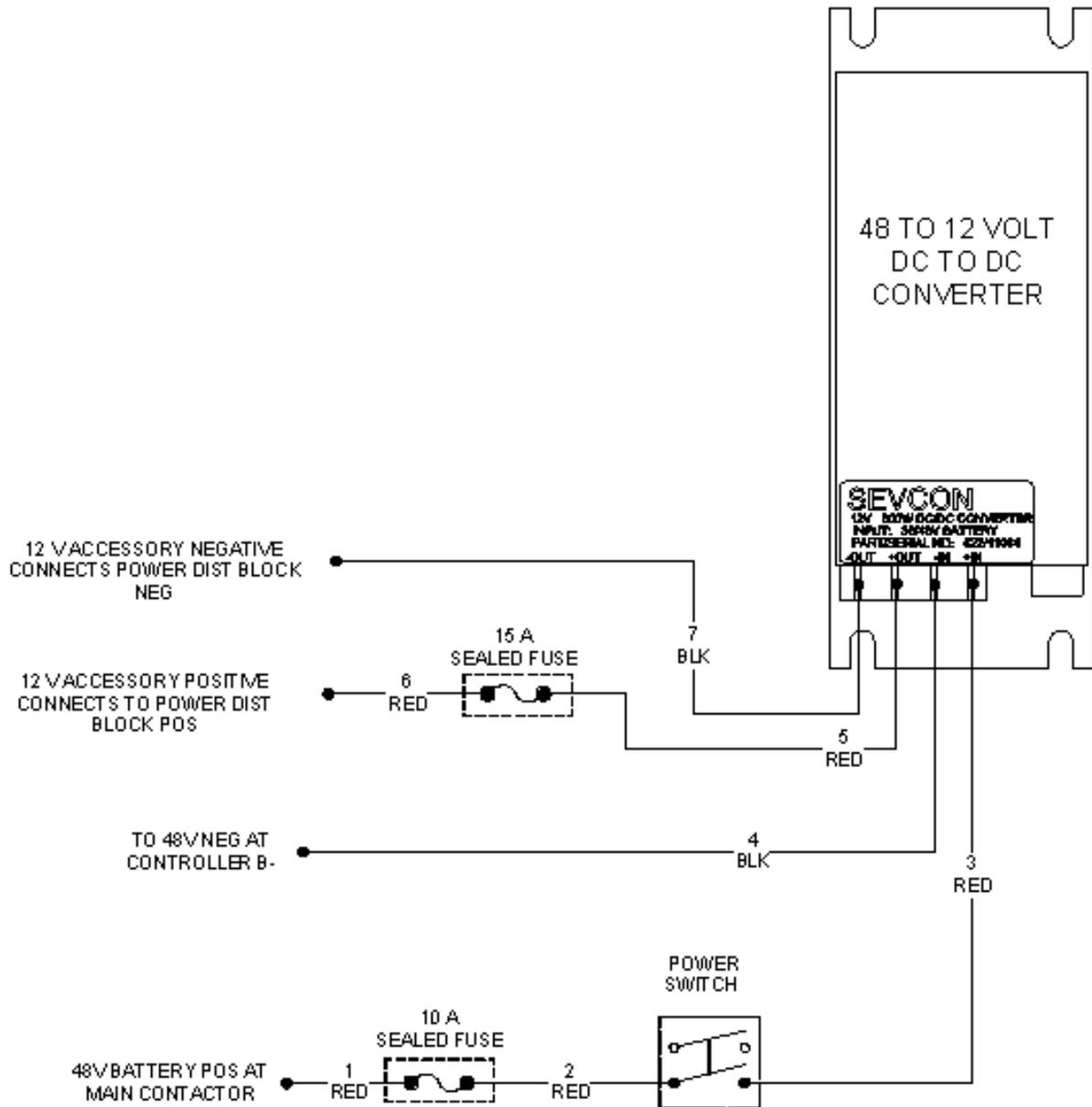
ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	71467-02	CONTACTOR, DOUBLE	1	709825
2	*	REMOTE CONTROL	1	468004
3	*	HARNESS, ACTUATOR	1	468839

\* SPECIAL ORDER



NOTE: ALTERNATE WIRE COLORS  
 GREEN INSTEAD OF BROWN  
 WHITE INSTEAD OF BLUE  
 BLACK INSTEAD OF GREEN/YELLOW

## DC/DC CONVERTER SCHEMATIC - BC

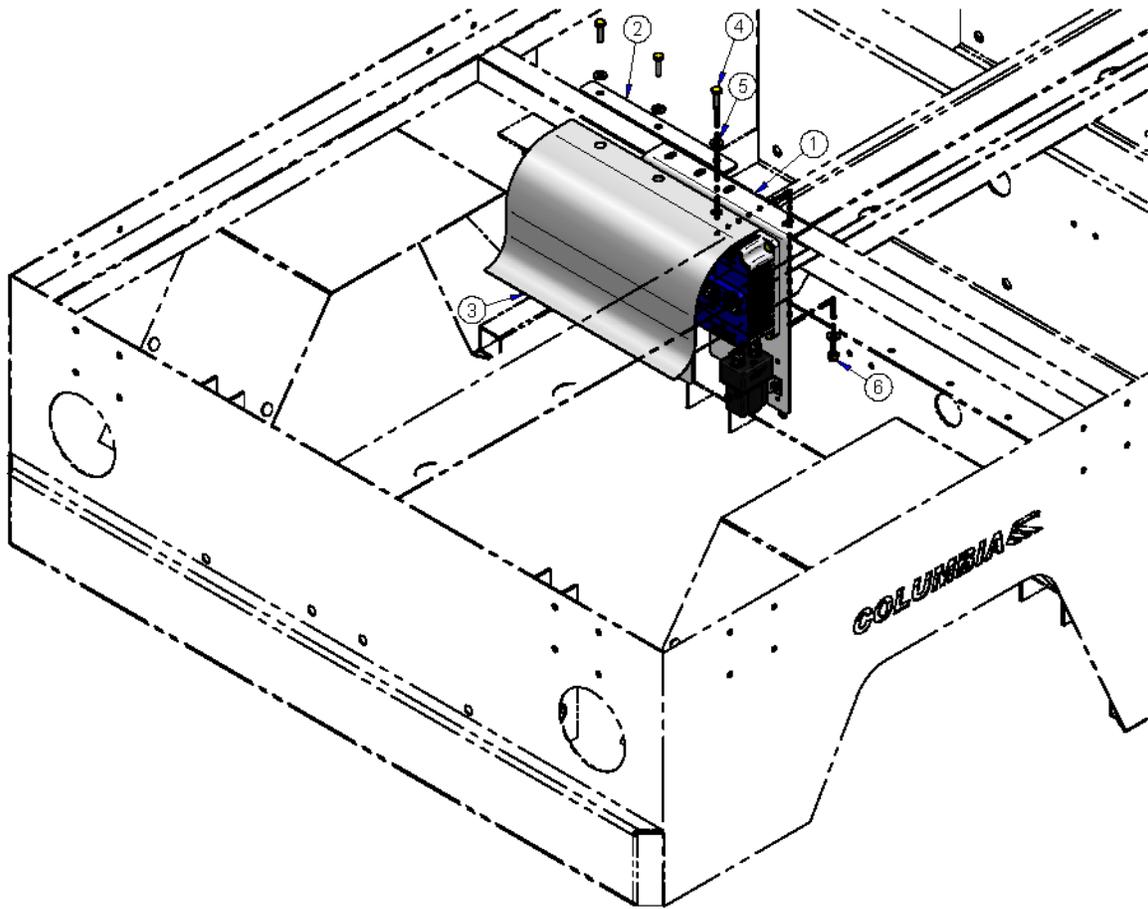


ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	*	DC/DC EXTENSION HARNESS	1	467618
2**	10043	CABLE TIE	8	719504
3**	2653-B	SCREW, 10-16X3/4 HWH, TEK	6	719583
4**	6716	WASHER, #10	6	719812
5**	70030-06	WIRE HARNESS, DC/DC CONVERTER	1	759778
6**	71854-06	POWER DISTRIBUTION BLOCK	1	759792
7	69642-05	DC/DC CONVERTER, 36V/48V, 13.4V, FUSED	1	760378
8	69646-09	KIT, DC/DC CONVERTER (Includes above)	1	191727U

\* SPECIAL ORDER

\*\* NOT SHOWN

## ACE+ CHASSIS MOUNTING- BC



ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	*	ASM, BC 4&5 ACE+ PANEL	1	467337
2	47220-02	RETAINER, ZEV COMP COVER	1	510412
3	47221-11	FLEXIBLE COVER PANEL,NEV	1	513991
4	2551-W	SCREW, 1/4-20 X 1 GRD 5 HHC YEL 150	3	719564
5	6703-B	WASHER, 1/4,SAE,F/W,BLK MAX	6	719811
6	7686	NUT 1/4-20 GR A NE NYLON INSERT LCK	3	719879
-	N/A	ACE+ CHASSIS MOUNTING (Includes above)		

\* SPECIAL ORDER

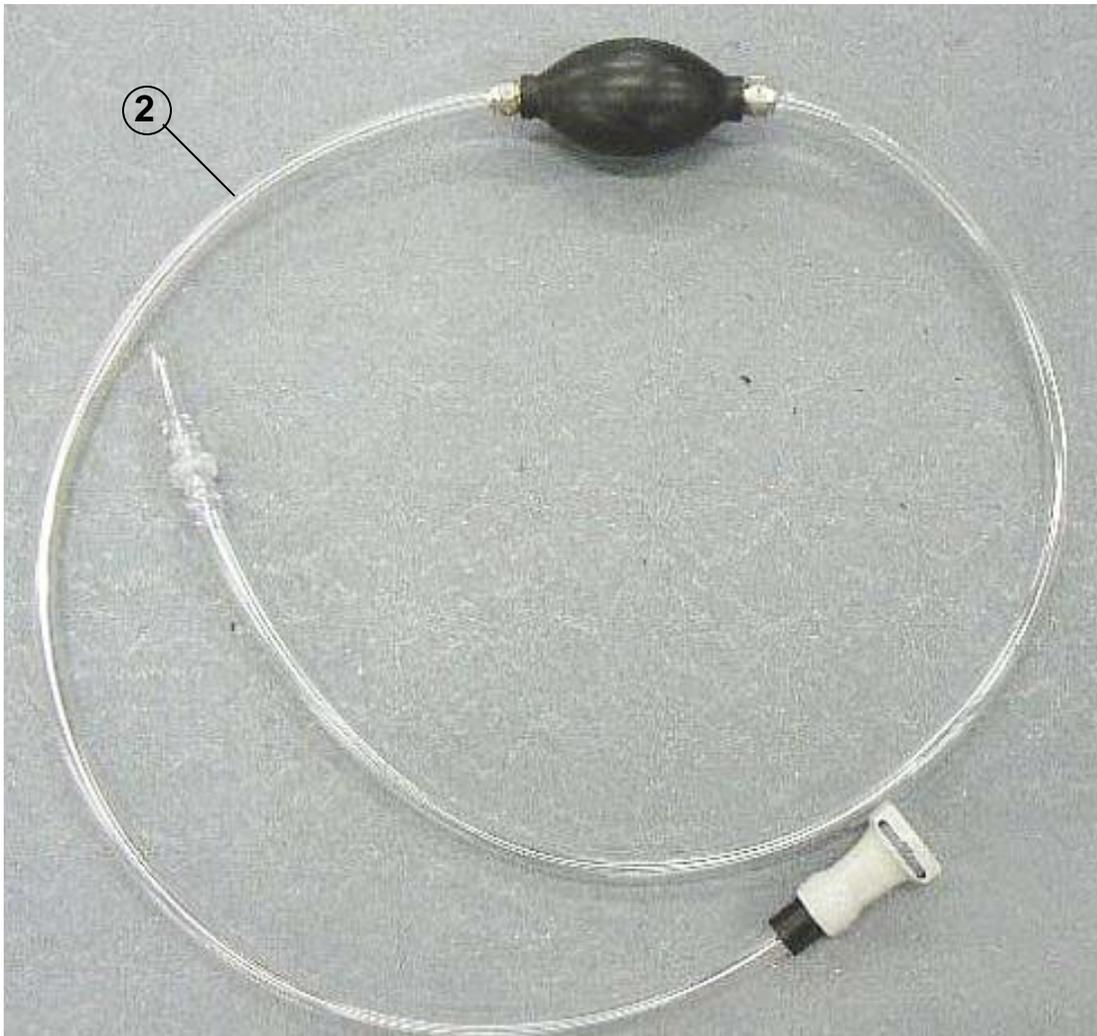
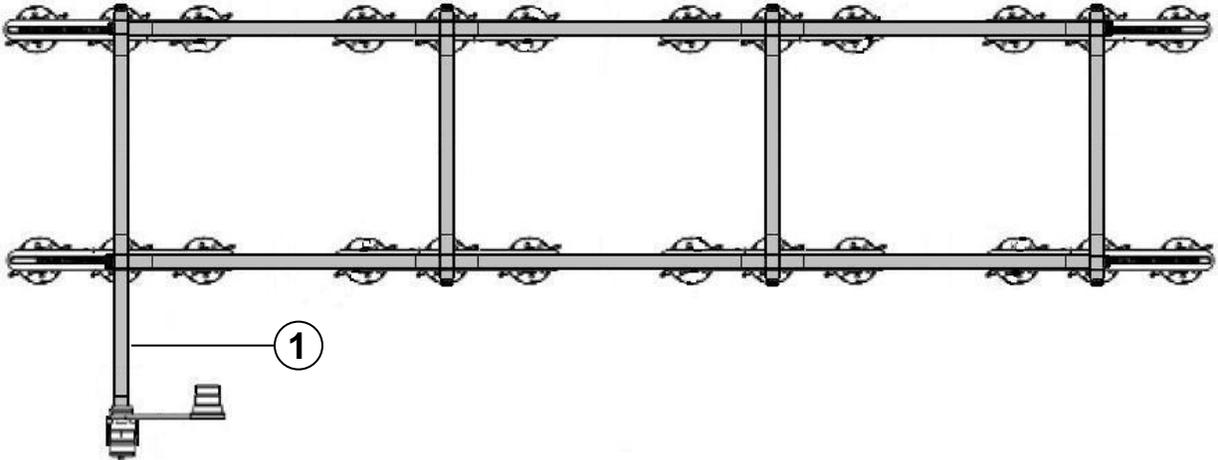
# **Burden Carrier Parts Manual**

## **Section 6**

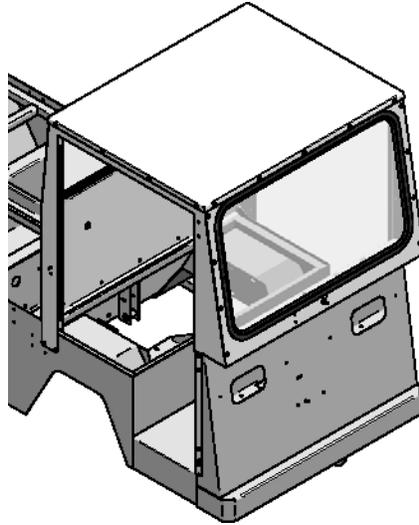
### **Options**

## BATTERY WATERING SYSTEM - BC

ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	66210-07	WATERING ASSEMBLY	1	759857
2	66211-07	PUMP	1	759858



**CAB – BC**

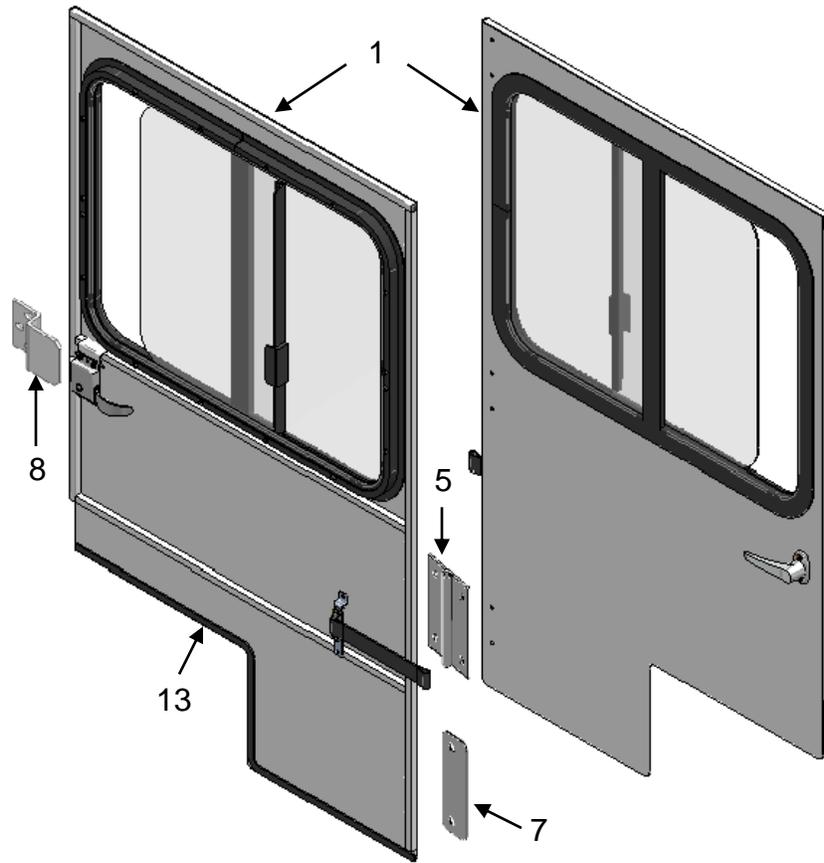


ITEM	CPC P/N	DESCRIPTION	QTY	SI P/N
1*	90657-05	FRONT BRACKET, WHITE	1	511225W
2*	90655-00	CAB FRONT PANEL	1	511221W
3*	90653-05	CAB SIDE PANEL, R.H.	1	308433W
4*	90652-00	CAB SIDE PANEL, L.H.	1	308432W
5*	90654-00	CAB REAR PANEL	1	511222W
6*	90656-05	CAB TOP PANEL	1	308473W
7*	90118-00	WINDOW, FRONT CAB ASSEMBLY – See NOTE	1	709158
8*	90117-00	WINDOW, REAR CAB ASSEMBLY	1	709159
9*	90628-06	KIT BURDEN CARRIER WITH OUT DOORS (Includes above items and hardware. See NOTE)	1	467855

\* NOT IDENTIFIED

NOTE – MIRRORS AND WINDSHIELD WIPERS ARE NOT INCLUDED WITH ANY OF THE ABOVE.

## DOOR ASSEMBLIES – BC

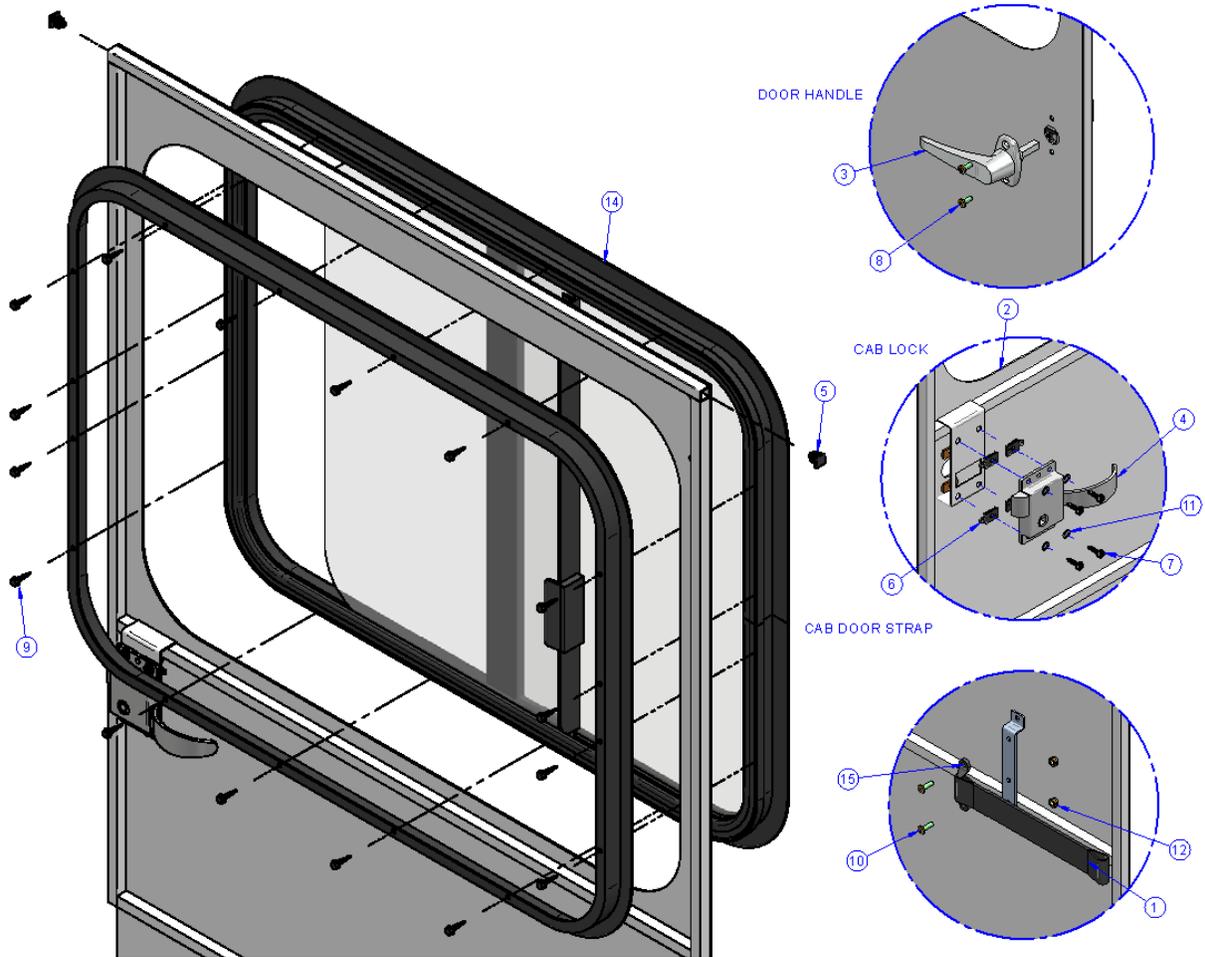


ITEM	CPC P/N	DESCRIPTION	QTY	SI P/N
1	**	LH STEEL DOOR ASM	1	467859
2*	**	RH STEEL DOOR ASM	1	467860
3*	**	LOCKING LH STEEL DOOR ASM	1	467861
4*	**	LOCKING RH STEEL DOOR ASM	1	467862
5	84023-02	LH LIFT-OFF HINGE	2	509197
6*	84024-02	RH LIFT-OFF HINGE	2	509198
7	84101-06	DOOR HINGE SPACER	2	511269
8	90636-00	DOOR LATCH WHITE	2	511827W
9*	2551-W	SCREW, 1/4-20X1 HHC	8	719564
10*	3787-B	SCREW, 1/4-20X3/4 HHC	14	719636
11*	6703-B	WASHER, 1/4	50	719811
12*	7686	NUT, 1/4-20 NYLOCK	22	719879
13	49090-ZZ	TAPE, FOAM 1/8X1/2 (feet)	2	739272
14	90637-01	KIT, STEEL DOORS (Includes Items 1, 2, 5 – 13)	1	192454U

\* NOT SHOWN

\*\* SPECIAL ORDER

## DOOR HARDWARE – BC

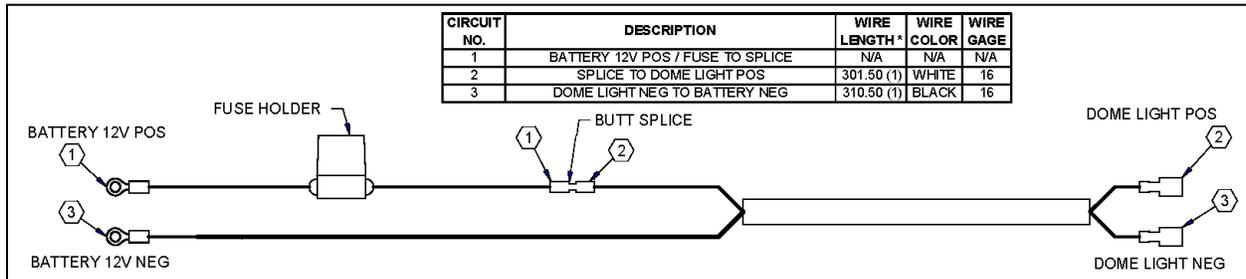
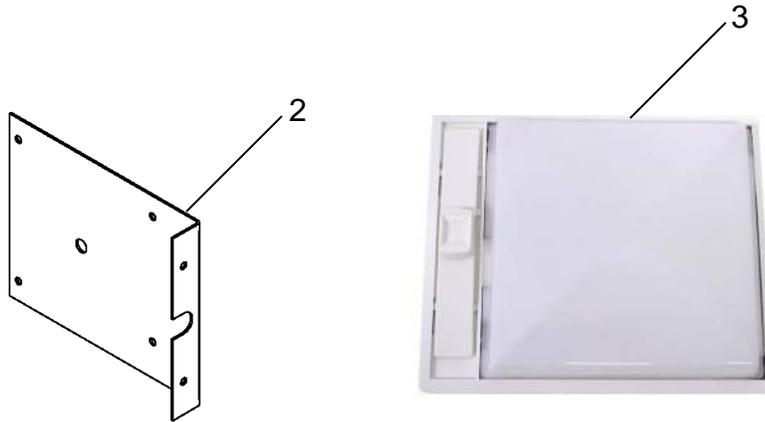


ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	51204-10	STRAP, CAB DOOR	2	309370
2	90631-12	LH DOOR **	1	311087W
2A*	90630-12	RH DOOR**	1	311086W
3	51355-00	CHROME DOOR HANDLE NON-LOCKING	2	709282
3A*	51353-00	CHROME DOOR HANDLE LOCKING	2	739427
4	90112-00	CAB LOCK W/INSIDE HANDLE LH	2	709524
4A*	90111-00	CAB LOCK W/INSIDE HANDLE RH	2	709523
5	11493	CAP PLUG, 1/2" BLACK	8	719425
6	11736	NUT, TINNEMAN	8	719538
7	2530	SCREW, #10X3/4 SHWT, T/S	8	719563
8	2592	SCREW, 10-24X1/2 PHILLIPS	4	719566
9	2653-B	SCREW, 10-16X3/4 HWH TEK	32	719583
10	2665	SCREW, 10-24X5/8 PPH	4	719584
11	7220	WASHER, #10 TOOTHED	8	719851
12	7624	NUT, 10-24 GR A, NYLOCK	4	719870
13*	49090-ZZ	FOAM TAPE 1/8X1/2	6"	739272
14	90104-01	WINDOW SLIDING LH	1	749709
14A*	84022-05	WINDOW SLIDING RH	1	759743
15	51208-10	STRAP BRACKET	2	760404

\* NOT SHOWN

\*\* Include VIN to insure correct color

## CAB DOME LIGHT – BC



ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1*	N/A**	HARNESS	1	467700
2	51150-11	MOUNTING PLATE	1	510315
3	84147-92	DOMELIGHT ASSY	1	709920
4*	10020	CABLE TIE MOUNTING BRACKET	1	719503
5*	10043	CABLE TIE 18X11 3/4", 50 LB	1	719504
6*	11409	GROMMET .25, RUBBER	1	719520
7*	24010-ZZ	LOOM, BLACK	7.5'	719557
8*	2616	SCREW, #8-32X1 PFH	4	719574
9*	2653-B	SCREW, 10-16X3/4 HWH	1	719583
10*	2685-W	SCREW, 10-24X5/8 HWHTR	2	719586
11*	3358	CLAMP, 1/2" BLACK NYLON	1	719602
12*	3380	CLAMP, 5/8" BLACK NYLON	8	719604
13*	6716	WASHER, #10 SAE	2	719812
14*	7609-W	NUT, #8-32 GR A, NYLOCK	4	719868
15*	7624	NUT, 10-24 GR A, NYLOCK-	2	719870
16*	9906	TERMINAL, 16/14 INS, 1/4 MALE TAB	2	719973

\* NOT SHOWN

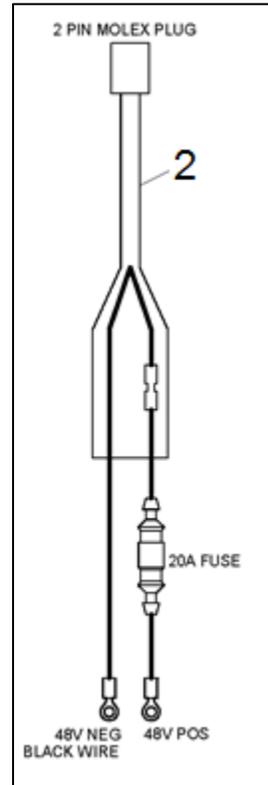
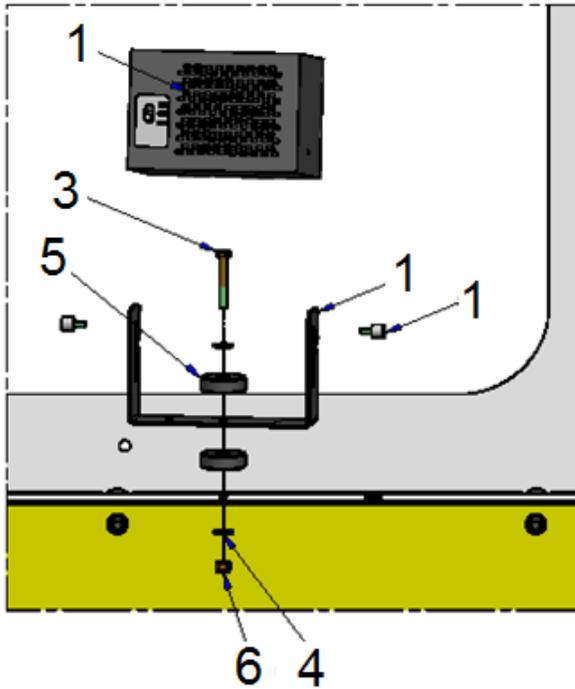
\*\* SPECIAL ORDER

## HEATER – BC

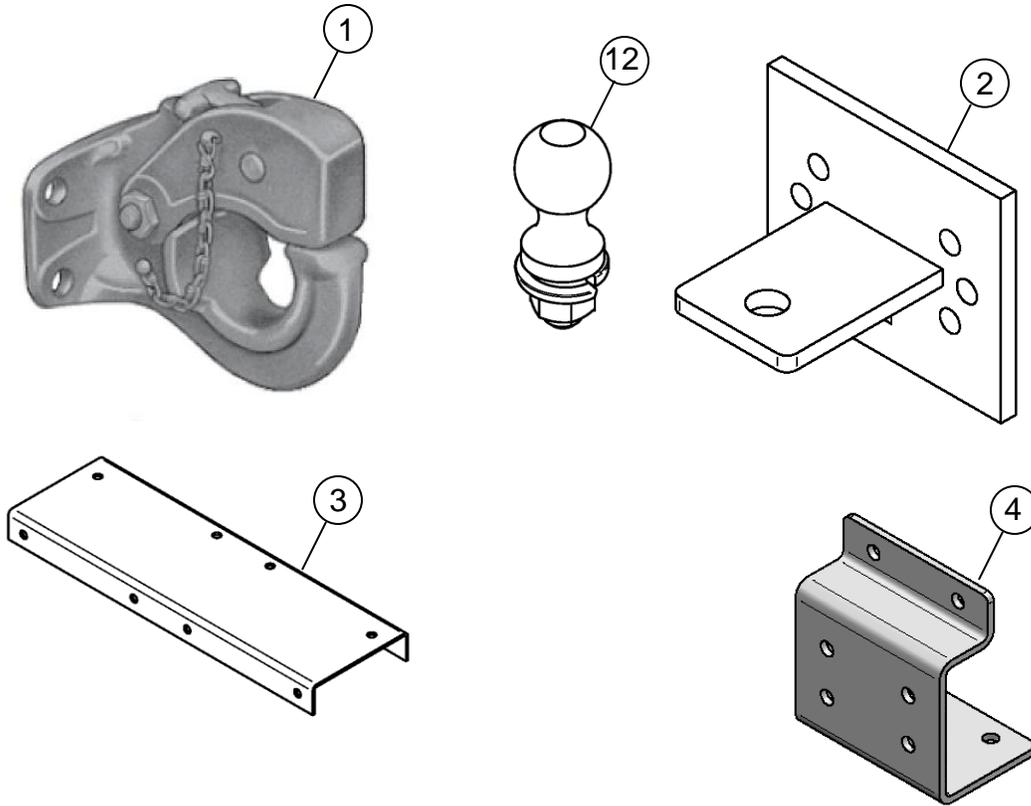
ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	65199-11	HEATER 48V	1	467801
2	69936-15	HEATER HARNESS ASSEMBLY 48V	1	467803
3	3454-BS	SCREW, 1/4-20X1 3/4 HHC, G5	1	719623
4	6703-B	WASHER, 1/4 STL	2	719811
5	52329-85	WASHER, .375X1.50X.50 F/W, NYL	2	719737
	7686	NUT, 1/4-20 NYLOCK	1	719879

**NOTE:**

1. If the toggle switch is in the Fan/Heat position and no heat is occurring, a circuit reset may be needed. On a heater side panel is a 3/8" hole. Inside is a circuit reset tab. Using a non-conductive device push the tab to reset the circuit.
2. This heater/harness is not interchangeable with heater/harness installed on vehicles prior to 8/10/2010. Connect black wire to 48V negative and red wire to 48V positive.
3. If previous heater had a three (3) wire harness, a new two (2) wire harness (Item 2) is required.



## HITCHES – BC

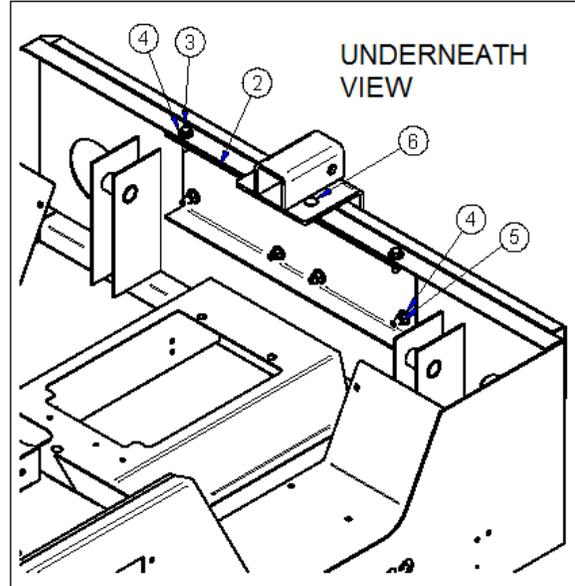
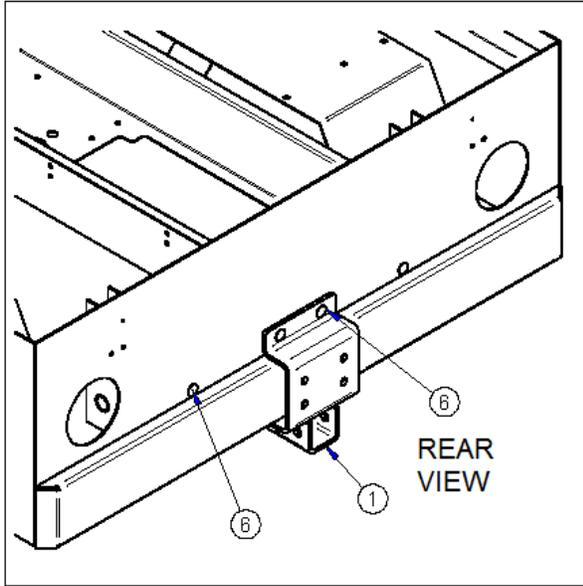


ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	57315-96	PINTLE HOOK HITCH	1	709833
2	**	HITCH PLATE	1	307419
3	57307-00	REINF. MOUNTING BRACKET (Used w/ Items 1 & 2)	1	509268
4	57308-00	HITCH MOUNTING BRACKET(Used w/ Items 1 & 2)	1	509269
5*	2879-W	SCREW, 3/8-16X1 HHCS G5	4	707195
6*	4716-W	SCREW, 3/8-16X1 1/4 HHCS G5 (Used with Item 2)	4	719694
7*	6000-B	WASHER 5/16	16	719771
8*	7778	NUT, 3/8-16 NYLOCK (Used with Item 2)	4	719902
9*	7812-w	NUT, 1/2-20 NYLOK GR A	4	719907
10*	4010	SCREW, 1/2-20x1.5 HHCS G5	4	729809
11	6010	WASHER, .513X1.09X.125 F/W	4	729809
12	82065-98	HITCH BALL, CHROME 1 7/8"	1	719008
12A	82064-02	HITCH BALL, 2"	1	719207
13	82006-03	KIT, BALL HITCH, LESS BALL (Includes Items 2 – 10)	1	191171U
14	57318-00	KIT, PINTLE HITCH, LESS PINTLE HITCH (Includes Items 1, 3 – 11)	1	190625U

\* NOT SHOWN

\*\* SPECIAL ORDER

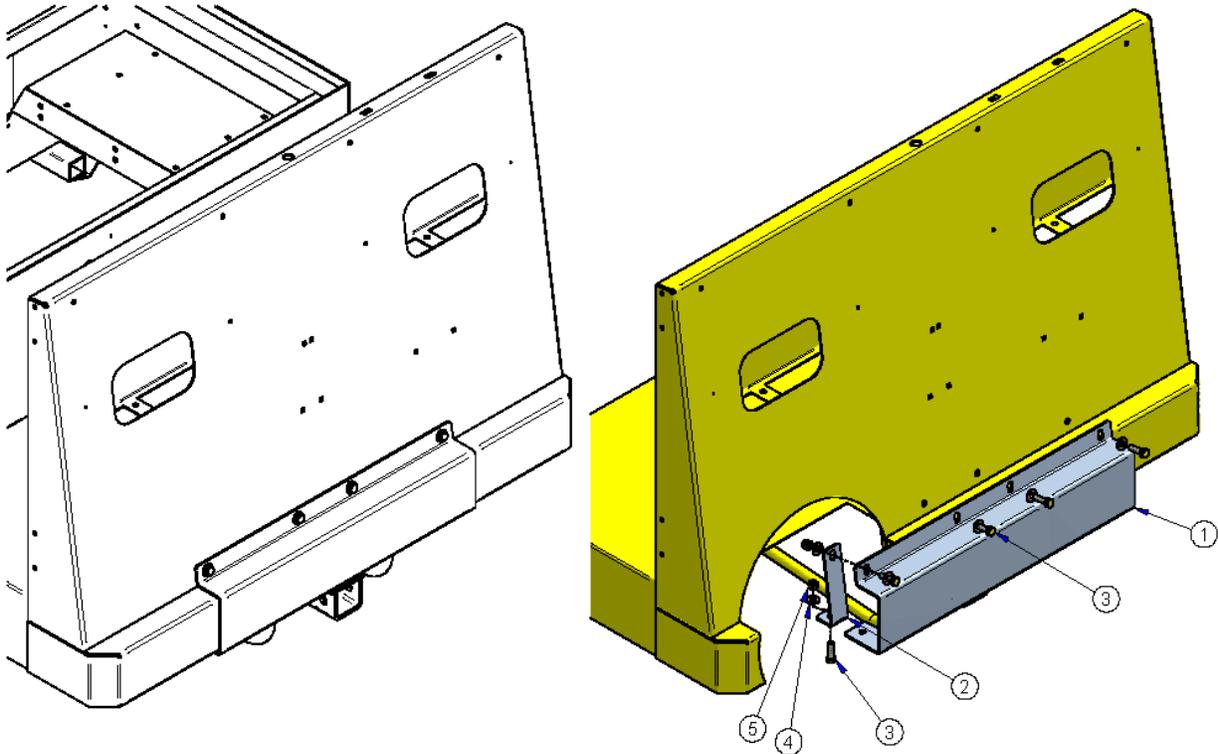
## COMBINATION HITCH RECEIVER – BC



ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	*	REAR RECEIVER	1	312208
2	57307-00	REINFORCEMENT MTG. BRACKET.	1	509268
3	4716-W	SCREW, 3/8-16 X 1-1/4, HHCS, G5, YWZC	2	719694
4	6000-B	WASHER, 5/16, USS/STD,F/W, BLK MAX	10	719771
5	7778	NUT, 3/8-16, GA, NE, NYLON INSERT, YWZC	8	719902
6	781116	SCREW, 3/8-16 X 1-1/4, CARR, G8, YWZC	6	781116
7	82039-14	KIT, COMBO HITCH RECEIVER (includes above items)	1	192717U

\* SPECIAL ORDER

## FRONT TOWING RECEIVER – BC



ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	*	FRONT RECEIVER	1	312209
2	*	BRACKET, SUPPORT	4	515812
3	4716-W	SCREW, 3/8-16 X 1-1/4, HHCS, G5, YWZC	8	719694
4	6000-B	WASHER, 5/16, USS/STD, F/W, BLK MAX	16	719771
5	7778	NUT, 3/8-16, GA, NE, NYLON INSERT, YWZC	8	719902
6	82038-14	KIT, FRONT TOWING RECEIVER	1	192719U

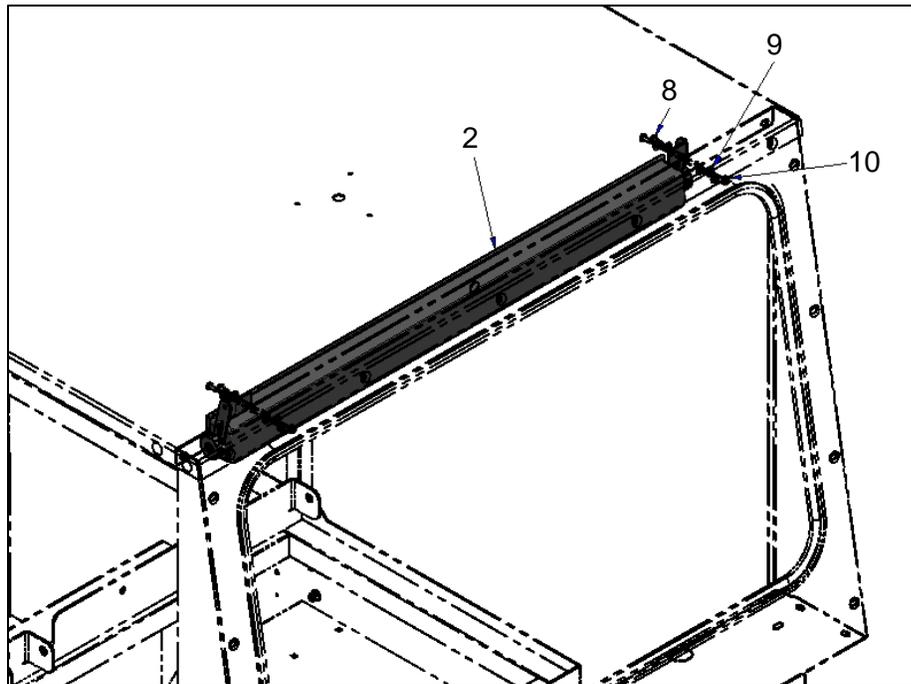
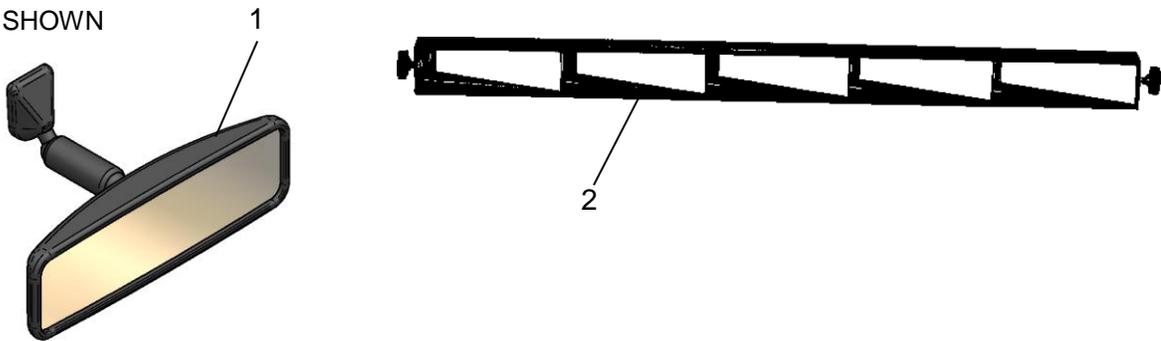
\* SPECIAL ORDER

NOTE: Recommend using a receiver hitch ball mount (P/N 82003-12).

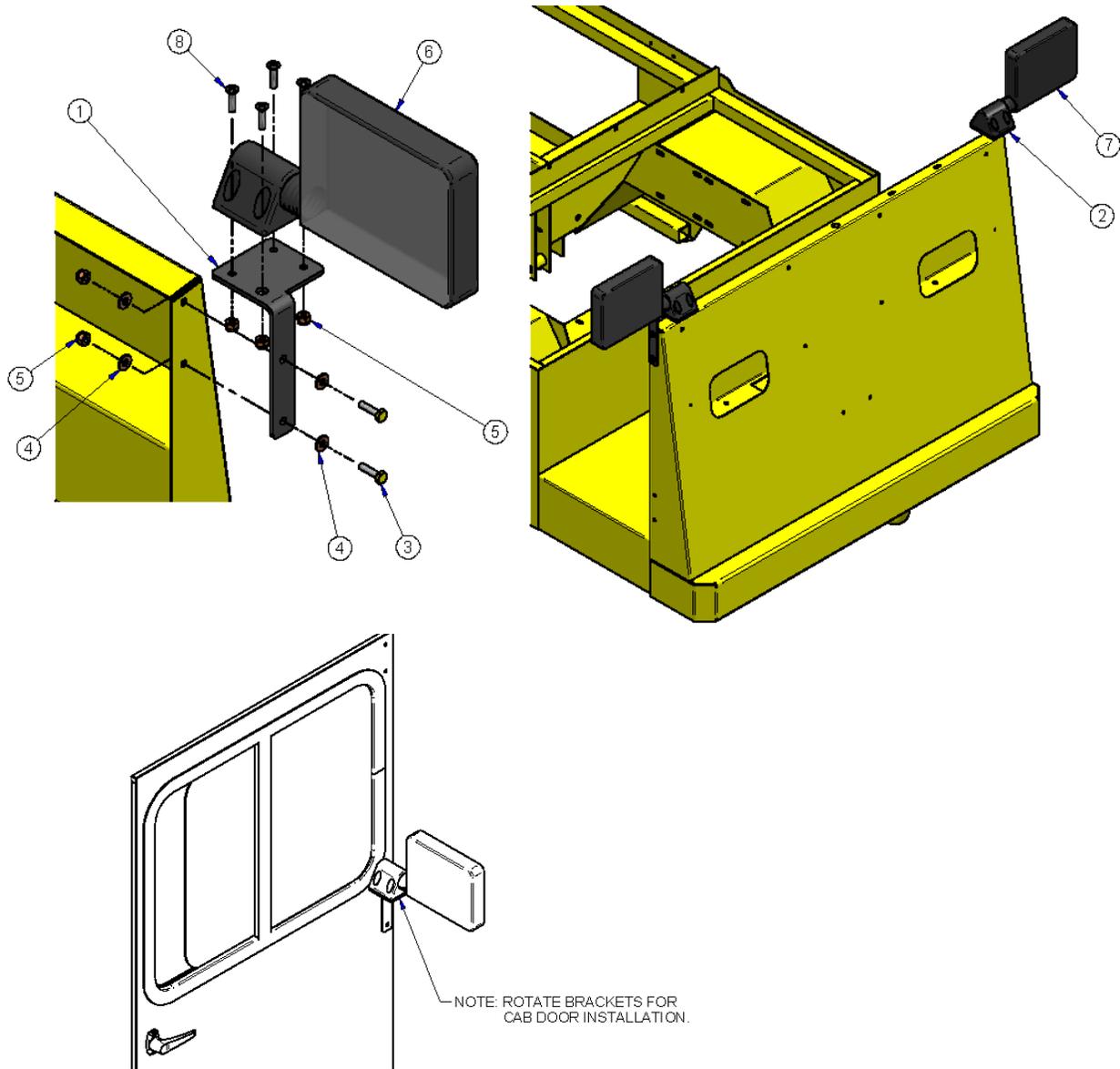
## INTERIOR MIRRORS

ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	84120-92	MIRROR, REAR VIEW, CAB	1	709837
2	84270-98	5 PANEL REAR VIEW MIRROR	1	709408
3*	51001-10	MOUNTING BRACKET (Use with 2 for suntop mount)	1	510334
4*	3787-B	SCREW 1/4-20X3/4 HHC(Use with 2 for suntop mount )	2	719636
5*	50190-86	NUT, JACK #8(Use with 2 for suntop mount )	2	719717
6*	6703-B	WASHER 1/4 (Use with 2 for suntop mount )	2	719811
7*	7036-B	WASHER, LOCK (Use with 2 for suntop mount)	2	719834
8	3615	SCREW, 10-24X1/2 PPH, M/S (Use with 2 for cab mount)	4	719467
9	6716	WASHER #10 SAE (Use with 2 for cab mount)	8	719812
10	7624	NUT, 10-24 (Use with 2 for cab mount)	4	719870
N/A	84288-98	KIT, 5 PANEL MIRROR, SUNTOP (Includes Items 2 thru 7)	1	190928U
N/A	64220-14	KIT, 5 PANEL MIRROR, CAB (Includes Items 2, 8 - 10)	1	192740U

\* NOT SHOWN

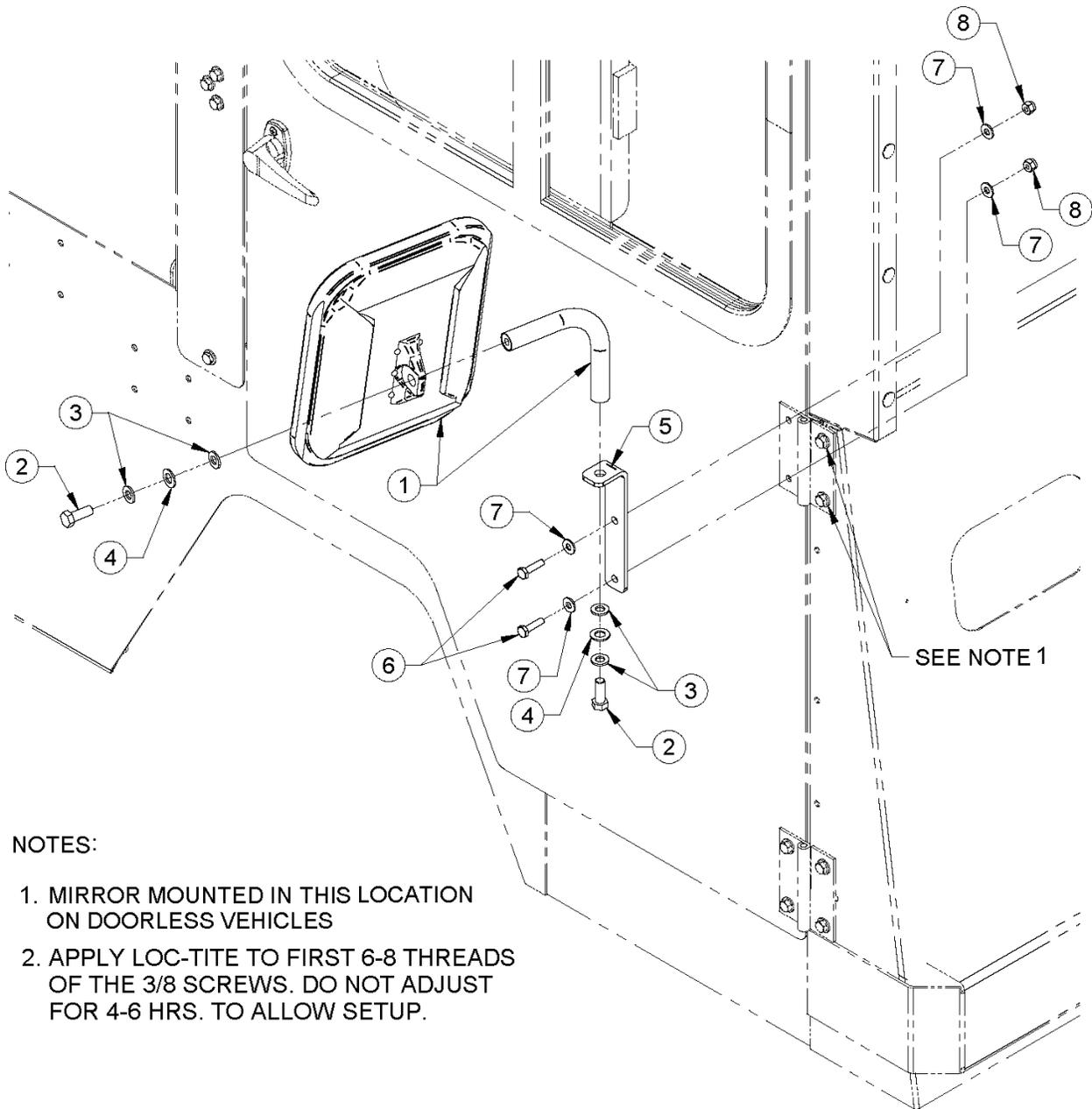


## EXTERIOR MIRRORS – BC



ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	51006-11	BC MIRROR BRACKET RH	1	513335
2	51007-11	BC MIRROR BRACKET LH	1	513336
3	2551-W	SCREW, 1/4-20X1 HHC	4	719564
4	6703-B	WASHER, 1/4 STL	8	719811
5	7686	NUT 1/4-20 NYLOCK	12	719879
6	72667-08	MIRROR, REAR VIEW, LH	1	760201
7	72668-08	MIRROR, REAR VIEW, RH	1	760202
8	1400	SCREW, 1/4-20X1, PFH M/S	8	781601

## SINGLE SIDE MIRROR- BC



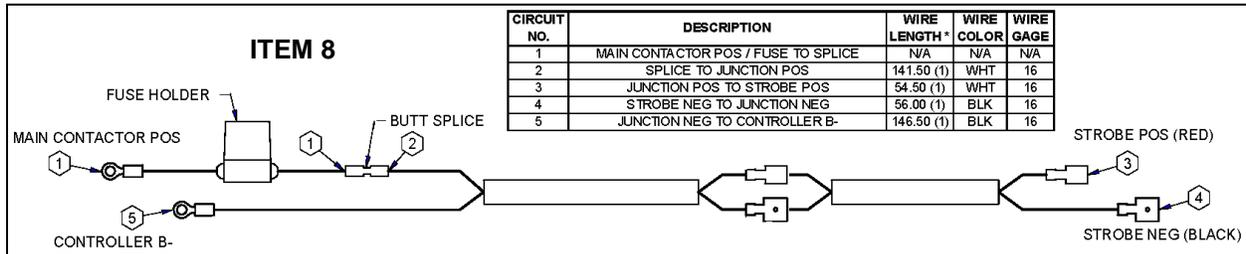
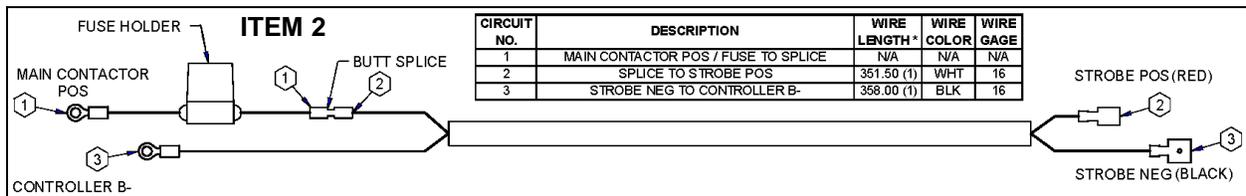
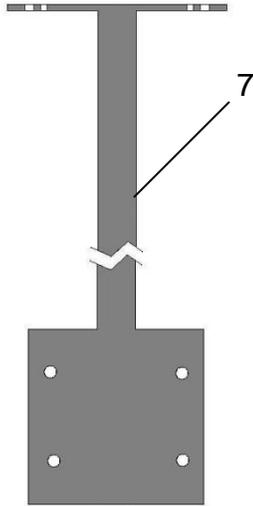
**NOTES:**

1. MIRROR MOUNTED IN THIS LOCATION ON DOORLESS VEHICLES
2. APPLY LOC-TITE TO FIRST 6-8 THREADS OF THE 3/8 SCREWS. DO NOT ADJUST FOR 4-6 HRS. TO ALLOW SETUP.

ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	91873-96	MIRROR, SIDE MOUNT, UNIVERSAL	1	749775
2*	2879-W	SCREW, 3/8-16 X 1, HHCS	2	707195
3*	708859-SW	WASHER, 3/8, SAE FLAT	4	708859
4*	42644-78	WASHER, .400/.380 ID X 1.10, NYLON FLAT	1	719667
5	84172-05	BRACKET, MIRROR	1	510682
6	2551-W	SCREW, 1/4-20 X 1, HHCS, GR 5	2	719564
7	6703-B	WASHER, 1/4, SAE FLAT	4	719811
8	7686	NUT, 1/4-20, NE NYLOC, GR A	2	719879
9*	91869-00	KIT, BC SIDE MIRROR, SINGLE (Includes above items)	1	191863U

\* INCLUDED WITH ITEM 1

## STROBE LIGHTS – BC

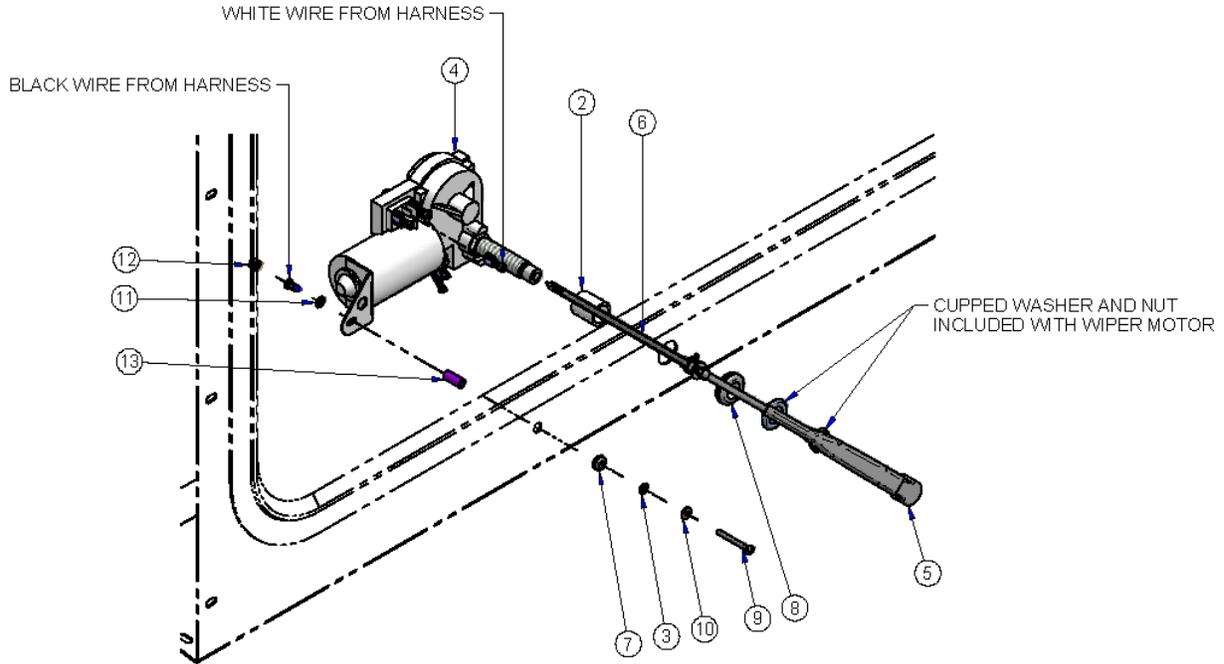


ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	68029-06	STROBE LIGHT ASSY	1	467408
2	69528-13	HARNESS	1	467410
3*	10008	CABLE TIE 5 3/4"	2/7	719501
4*	10020	CABLE TIE MOUNTING BRACKET	2/4/7	719503
5*	11416	GROMMET 3/8X7/8	1/3	719522
6*	2339	SCREW, #10-24X3/4, HH	3	719551
7	68504-02	LIGHT MAST(Mounts to body with Items 9 – 11)	1	306164
8**		HARNESS, LIGHT MAST	1	467441
9	3787-B	SCREW 1/4-20X3/4 HHC	4	719636
10*	6703-B	WASHER 1/4	8	719811
11*	7692	NUT, 1/4-20 NYLOCK	4	719882
12*	7625	NUT, 10-24 GR A, NYLOCK	3	719870
13*	10043	CABLE TIE, .18X11 3/4	4	719504
14	90140-00	KIT, STROBE LIGHT W/MAST (Includes Items 1 & 3 – 12)	1	190636U
15	90141-00	KIT, STROBE LIGHT, CAB (Includes Items 1 – 4, 6 & 12)	1	190637U
16	69529-13	KIT, STROBE SUNTOP (Includes Items 1,2, 4 – 6, 12 & 13)	1	192590U

\* NOT SHOWN

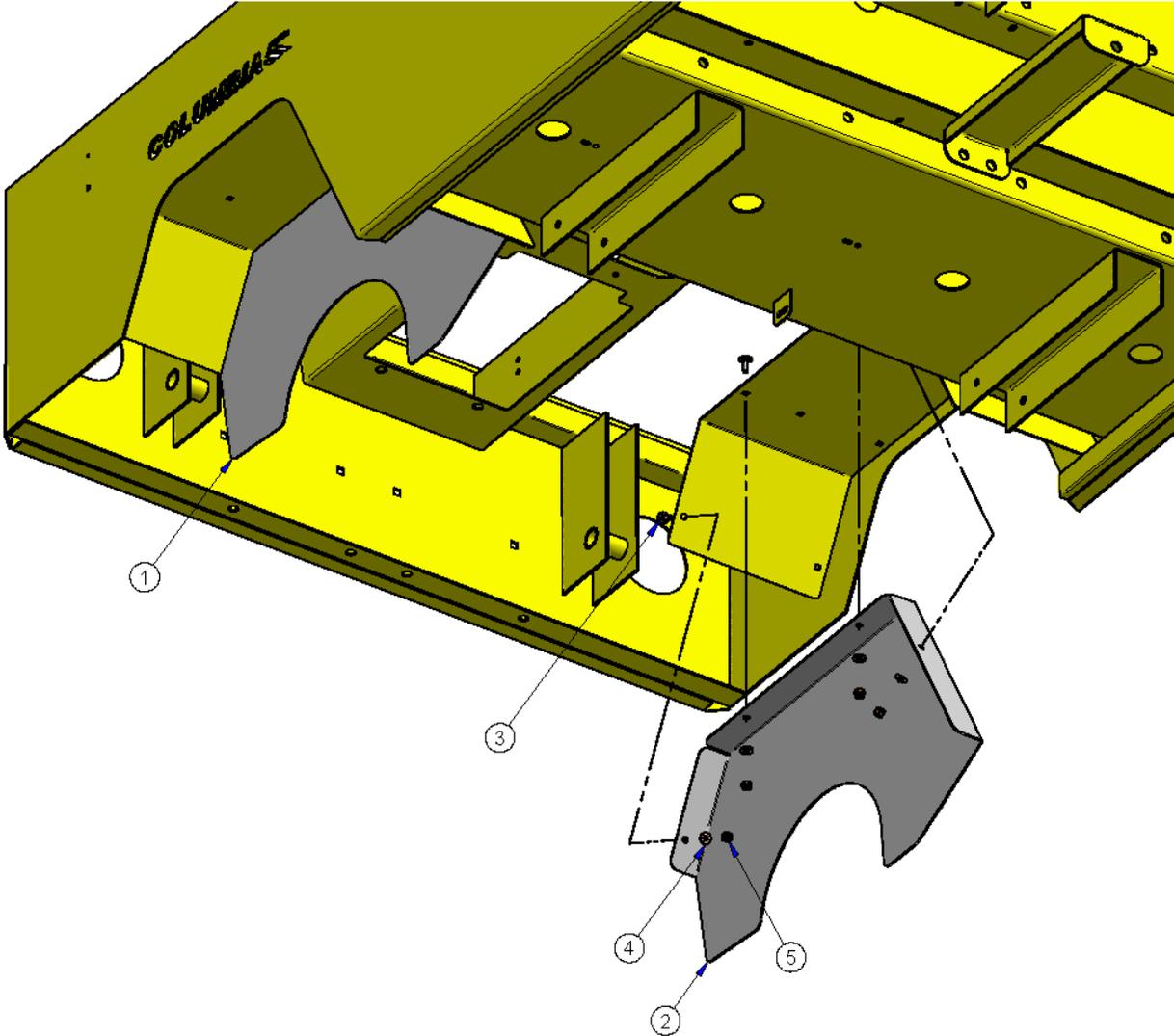
\*\* SPECIAL ORDER

## WINDSHIELD WIPER – BC



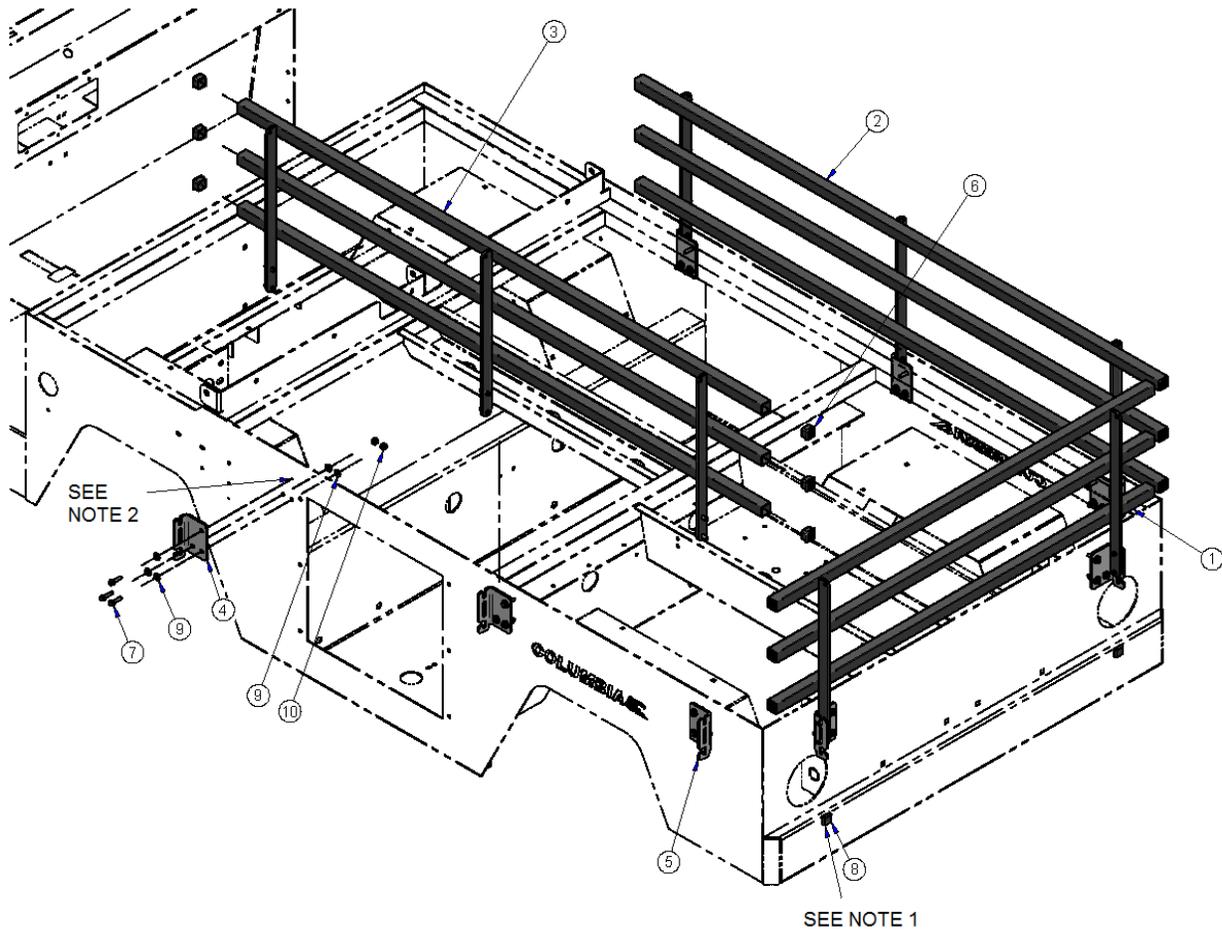
ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	68873-05	HARNES, BC WINDSHIELD WIPER	1	467407
2	5712	WIPER SPACER	1	508993
3	10510	NYLON BEARING	1	709362
4	84111-92	MOTOR, WINDSHIELD WIPER	1	709592
5	84112-92	WIPER ARM	1	709790
6	84113-92	WIPER BLADE 16"	1	709791
7	11409	GROMMET, .25ID, DELTA FLEX	1	719520
8	11446	GROMMET, 5/8 X 1-1/8 X 3/8, 1/8 GROOVE	1	719529
9	2613-B	SCREW, 8-32X1 1/2 PHILLIPS	1	719572
10	6912-B	WASHER, #8, TYPE A PLAIN	1	719817
11	7220	WASHER, #10, EXTERNAL TOOTH LOCK	1	719851
12	7609-W	NUT, #8-32 GR A, NYLOCK	1	719868
13	759824	SPACER, NYLON, .313 OD X .194 ID X .75 LG	1	759824
14	84114-06	KIT, BC WINDSHIELD WIPER (Includes above items)	1	191275U

## INNER REAR FENDER – BC



ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	50991-13	INNER FENDER, BC RH	1	515166
2	50992-13	INNER FENDER, BC LH	1	515167
3	5405-B	CARRIAGE BOLT 1/4-20 X 3/4 GR 5 HC-BK	8	719747
4	6703-B	WASHER, 1/4, SAE, F/W, BLK MAX	8	719811
5	7686	NUT, 1/4-20, NYLOCK, GA, YWZC	8	719879
6	51294-13	KIT, BC REAR FENDERS	1	192579U

## 13" HIGH STEEL FOLDING SIDES – BC SHORT

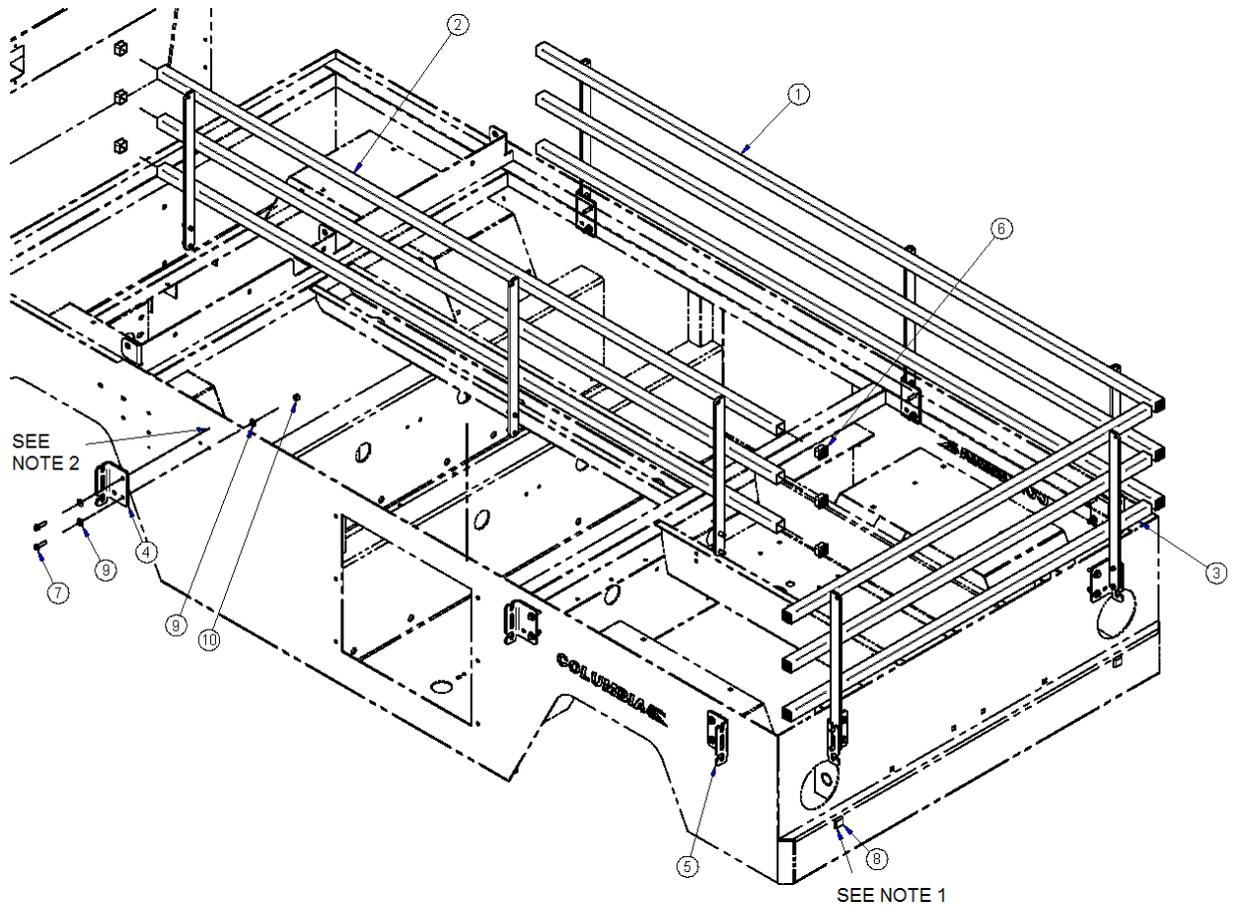


**Note:**

1. Locate bumpers such that they contact the rear rail when lowered.
2. Drill out pilot holes in body panels to .219 (7/32") and through **one** wall of the tube on the chassis for the top hole for the brackets.

ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	51307-13	FOLDING TAILGATE	1	310680
2	51314-13	RH FOLDING SIDE, BC SHORT	1	310823
3	51315-13	LH FOLDING SIDE, BC SHORT	1	310824
4	52703-14	PLATE, MGT-A RAIL	4	515771
5	52704-14	PLATE, MGT-B RAIL	4	515772
6	11433	CAPLUG, 7/8 SQ	18	719526
7	2509	SCREW, 1/4-20X1 HWH	16	719560
8	52330-86	BUMPER	2	719738
9	6703-B	WASHER, 1/4 SAE	24	719811
10	7686	NUT, 1/4-20 NYLOCK GA	8	719879
11	51313-13	KIT, BC-S STEEL FOLDING SIDES (Includes above items)	1	192383U

## 13" HIGH STEEL FOLDING SIDES – BC LONG

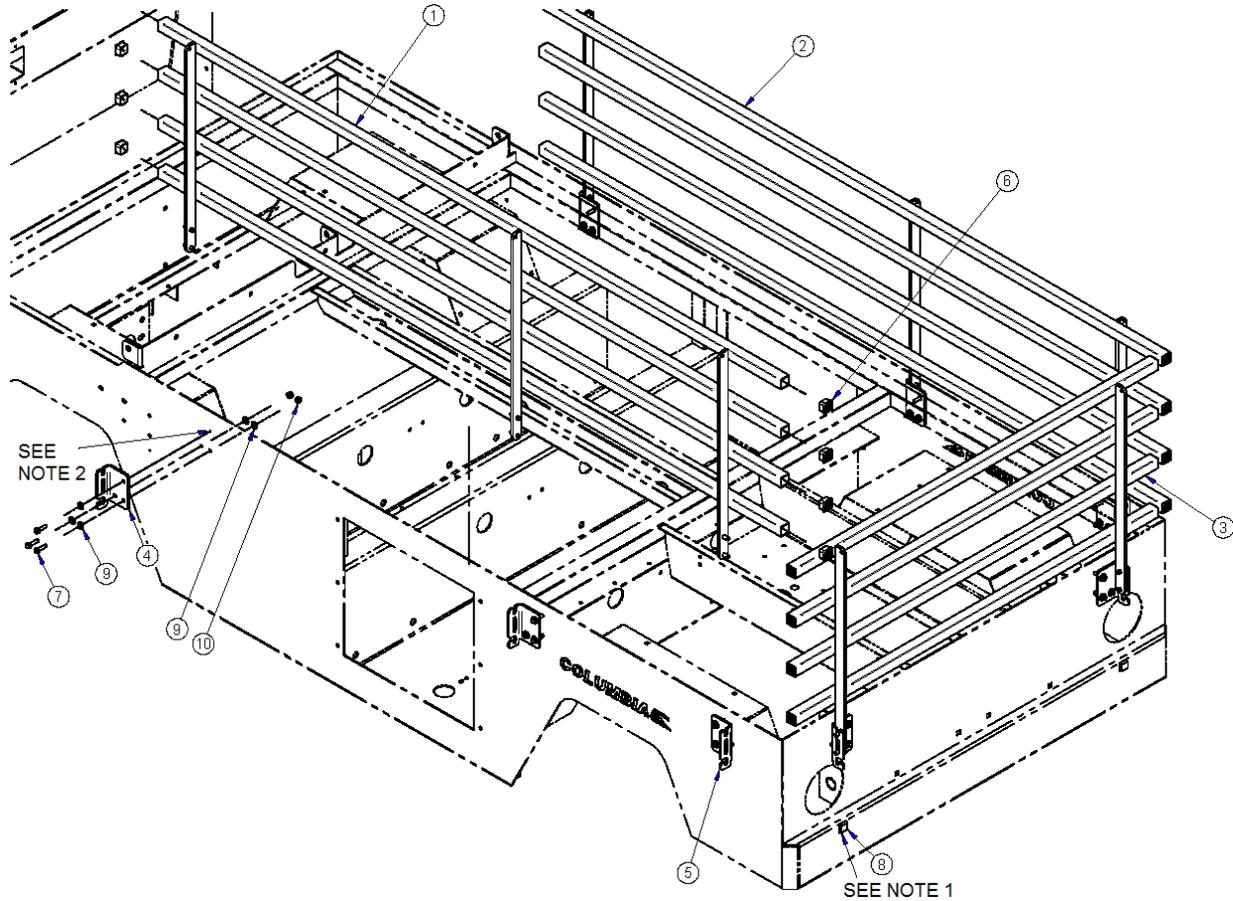


**Note:**

1. Locate bumpers such that they contact the rear rail when lowered.
2. Drill out pilot holes in body panels to .219 (7/32") and through **one** wall of the tube on the chassis for the top hole for the brackets.

ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	51317-13	RH FOLDING SIDE, BC LONG	1	310678
2	51318-13	LH FOLDING SIDE, BC LONG	1	310679
3	51307-13	FOLDING TAILGATE	1	310680
4	52703-14	PLATE, MTG-A RAIL	4	515771
5	52704-14	PLATE, MTG-B RAIL	4	515772
6	11433	CAPLUG, 7/8 SQ	18	719526
7	2509	SCREW, 1/4-20X1 HWH	16	719560
8	52330-86	BUMPER	2	719738
9	6703-B	WASHER, 1/4 SAE	40	719811
10	7686	NUT, 1/4-20 NYLOCK CAP	16	719879
11	51316-13	KIT, BC-L STEEL FOLDING SIDES (Includes above items)	1	192384U

## 18" HIGH STEEL FOLDING SIDE RAILS – BC LONG



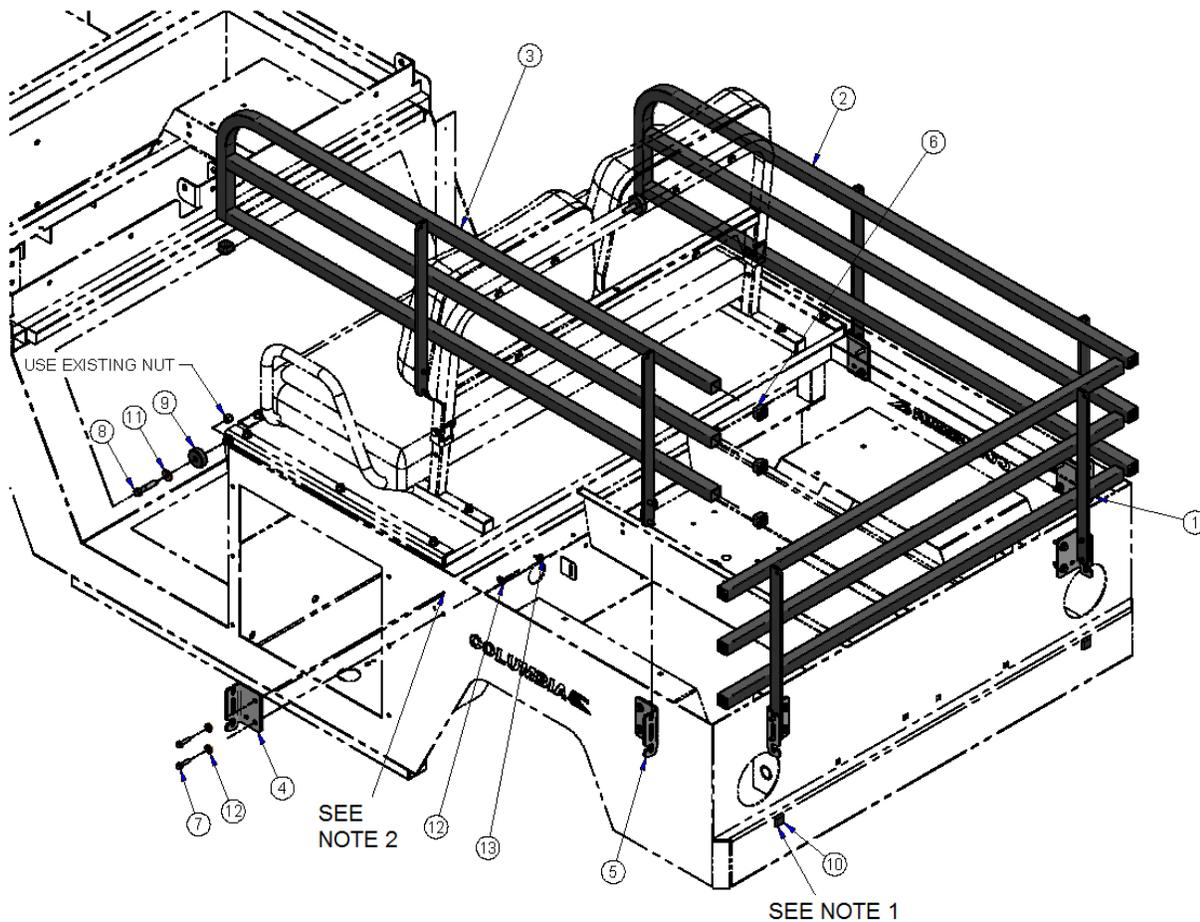
**Note:**

1. Locate bumpers such that they contact the rear rail when lowered.
2. Drill out pilot holes in body panels to .219 (7/32") and through **one** wall of the tube on the chassis for the top hole for the brackets.

ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	*	18" LH FOLDING SIDE	1	312217
2	*	18" RH FOLDING SIDE	1	312218
3	*	18" FOLDING TAILGATE	1	312219
4	52703-14	PLATE, MTG-A, RAIL	4	515771
5	52704-14	PLATE, MTG-B, RAIL	4	515772
6	11433	CAPLUG, FP-165, 1" SQ X .063 WALL	24	719526
7	2509	SCREW, HX HD, .25 x 1, THRD FRMING	24	719560
8	52330-86	BUMPER BLACK 3M#SJ5023	2	719738
9	6703-b	WASHER, 1/4, SAE, FW, BLK MAX	40	719811
10	7686	NUT, 1/4-20, NYLOCK, GA, YWZC	16	719879
11	51419-14	KIT, 18" STEEL FOLDING SIDE RAILS (Includes above Items)	1	192730U

\* SPECIAL ORDER

## STEEL FOLDING SIDES – BC 2ND SEAT

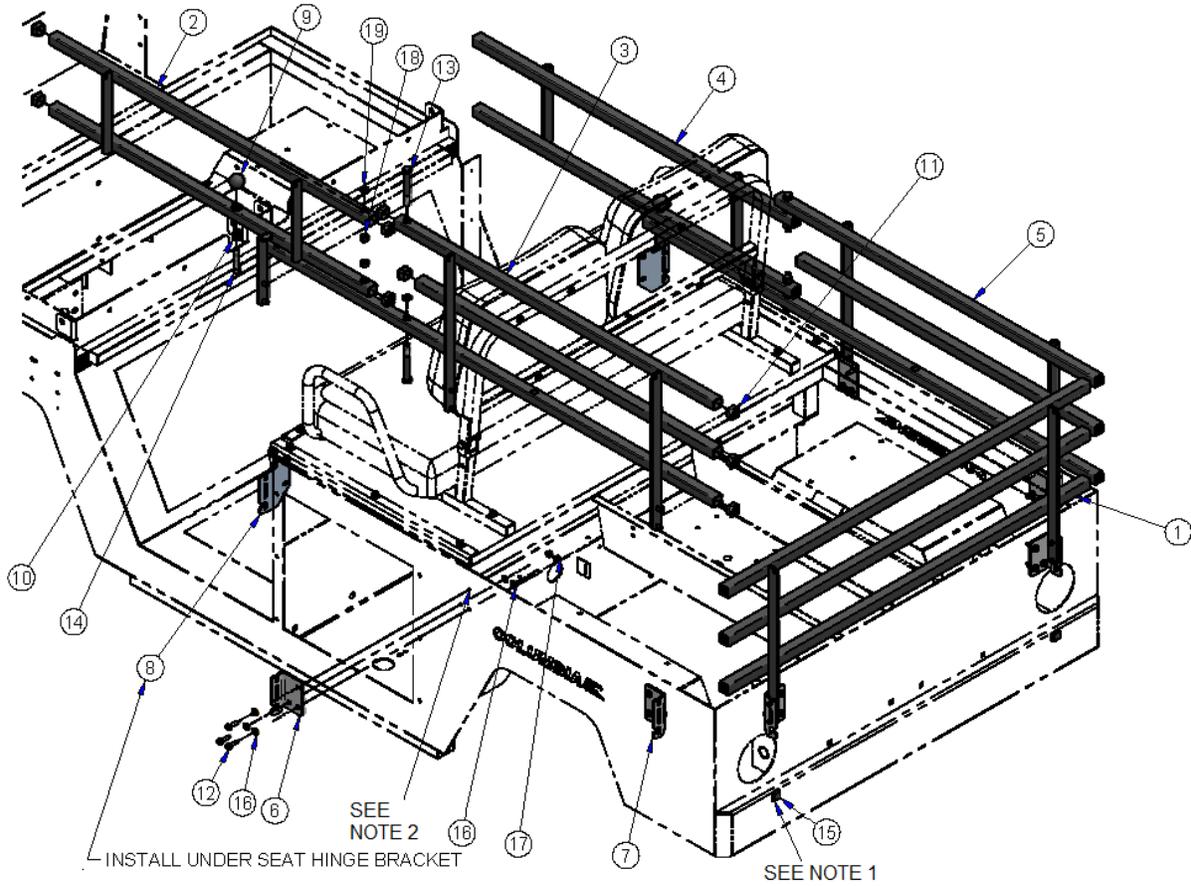


**Note:**

1. Locate bumpers such that they contact the rear rail when lowered.
2. Drill out pilot holes in body panels to .219 (7/32") and through **one** wall of the tube on the chassis for the top hole for the brackets.

ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	51307-13	FOLDING TAILGATE	1	310680
2	51292-13	RH FOLDING SIDE, BC 2ND	1	310825
3	51293-13	LH FOLDING SIDE, BC 2ND	1	310826
4	52703-14	PLATE, MTG-A RAIL	3	515771
5	52704-14	PLATE, MTG-B RAIL	3	515772
6	11433	CAPLUG, 7/8 SQ	14	719526
7	2509	SCREW, 1/4-20X1 HWH	12	719560
8	4720-B	SCREW, 3/8-16X1 3/4 HHC	2	719696
9	52329-85	WASHER, .375X1.5X.5 DELRIN	2	719737
10	52330-86	BUMPER	2	719738
11	6000-B	WASHER, 5/16 USS/STD	2	719771
12	6703-B	WASHER, 1/4 SAE	18	719811
13	7686	NUT, 1/4-20 NYLOCK CAP	6	719879
	51291-13	KIT, BC-2ND SEAT STEEL FOLDING SIDES (Includes above items)	1	192385U

## 2ND SEAT EXTENDED FOLDING SIDE RAIL – BC



Note:

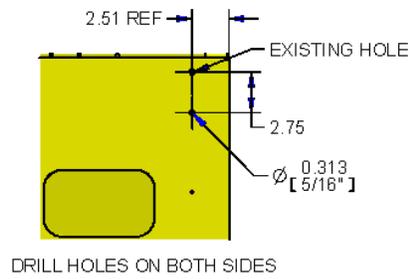
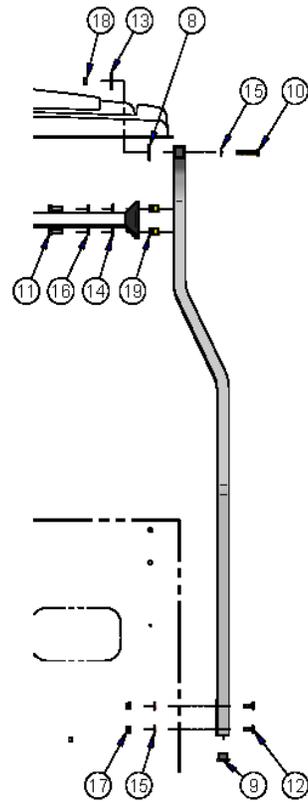
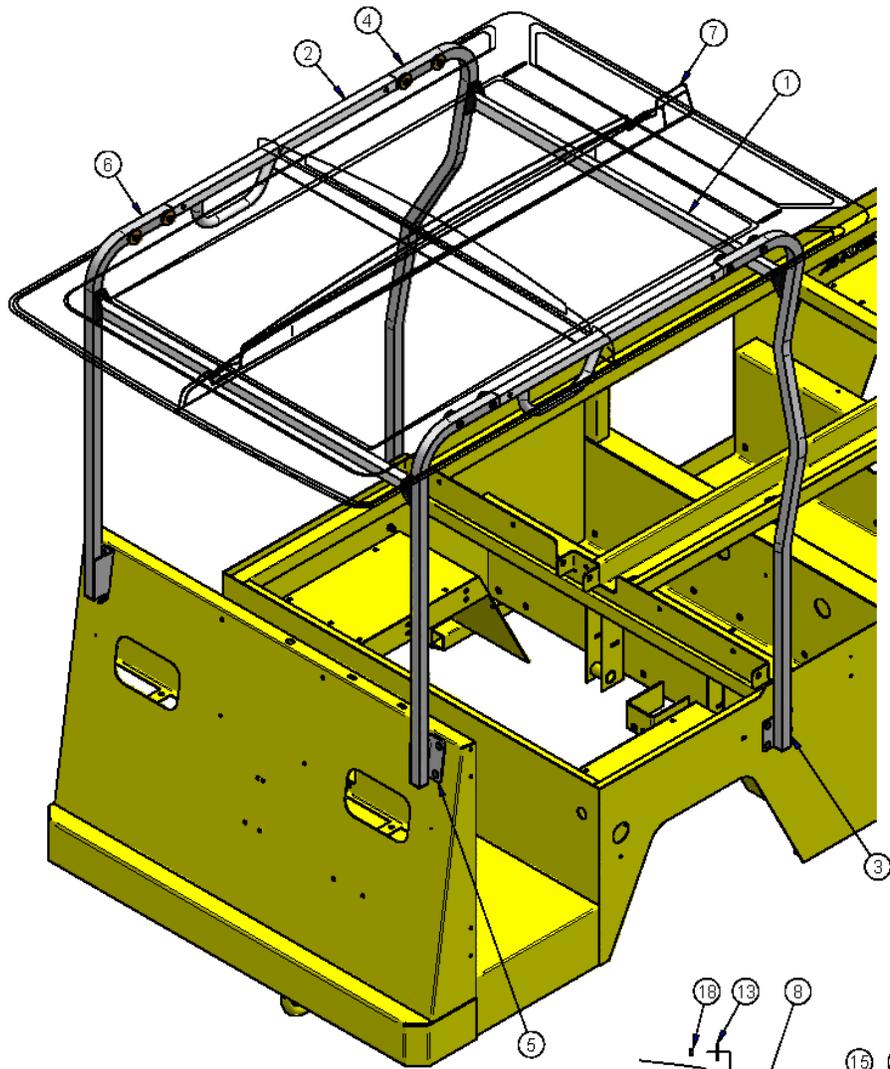
1. Locate bumpers such that they contact the rear rail when lowered.
2. Drill out pilot holes in body panels to .219 (7/32") and through **one** wall of the tube on the chassis for the top hole for the brackets.

**2ND SEAT EXTENDED FOLDING SIDE RAIL – BC (Cont.)**

ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	51307-13	FOLDING TAILGATE	1	310680
2	*	2ND LEFT FRONT RAIL	1	312238
3	*	2ND LEFT REAR RAIL	1	312239
4	*	2ND RIGHT FRONT RAIL	1	312240
5	*	2ND RIGHT REAR RAIL	1	312241
6	52703-14	PLATE, MTG-A RAIL	3	515771
7	52704-14	PLATE, MTG-B RAIL	3	515772
8	*	PLATE MTG, 2ND SIDE RAIL	2	515893
9	51540-14	KNOB, 1 1/4" BALL	2	707783
10	51541-14	SPRING, COMPRESSION	2	708058
11	11433	CAPLUG, 7/8 SQ	26	719526
12	2509	SCREW, 1/4-20X1 HWH	18	719560
13	4720-B	SCREW, 7/16-20X3.5 HHC	4	719664
14	4740-B	SCREW, 3/8-16X2 HHC	2	719698
15	52330-86	BUMPER	2	719738
16	6703-B	WASHER, 1/4 SAE	30	719811
17	7686	NUT, 1/4-20 NYLOCK GA	12	719879
18	7825	NUT, 7/16-20 NYLOCK GA	4	719908
19	51105-10	WASHER. 0.440X0.750X0.093 F/W, BLK, NYLON	4	782003
20	51420-14	KIT, BC-2ND SEAT STEEL FOLDING SIDES (Includes above items)		192738U

\* SPECIAL ORDER

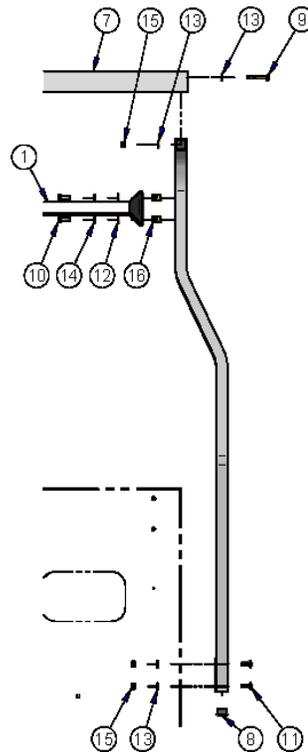
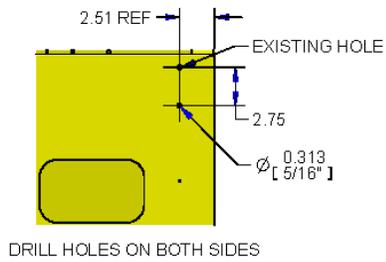
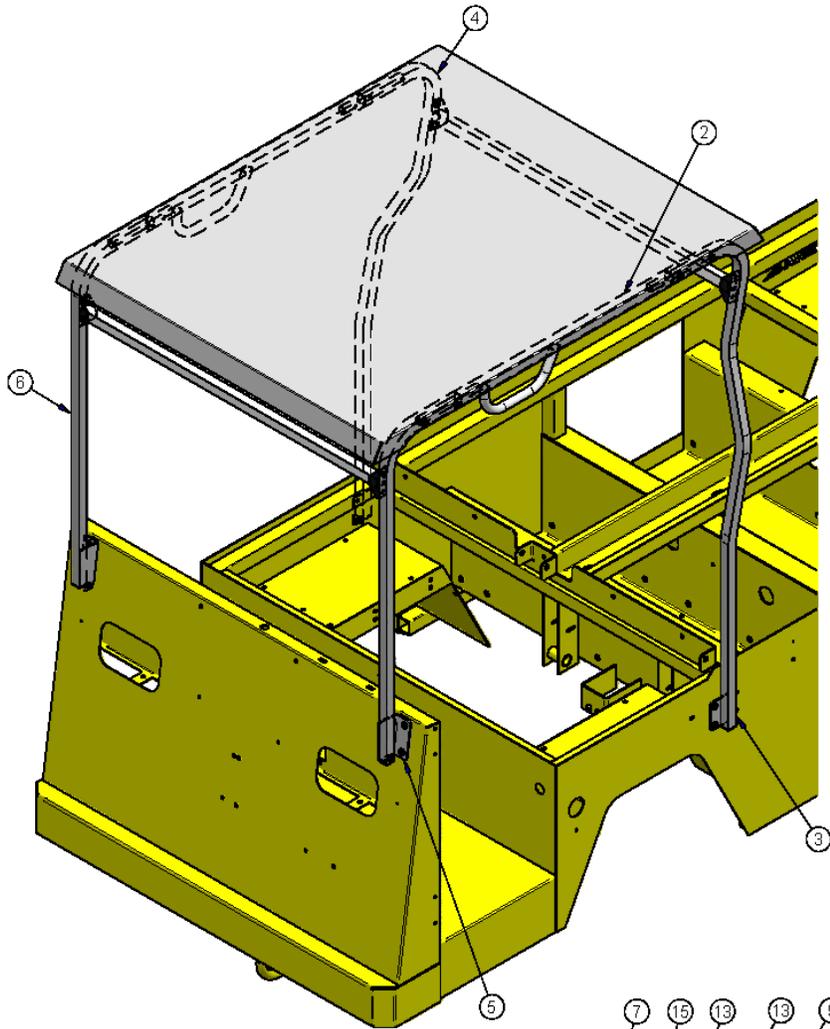
# 63" SUNTOP THERMOFORMED - BC



**63" SUNTOP, THERMOFORMED – BC (Cont.)**

<b>ITEM</b>	<b>CPC P/N</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>SEATS P/N</b>
1	89426-04	CROSS BRACE, UPPER	2	307854
2	89390-04	SUNTOP HANDLE, EP	2	307856EP
3	89305-13	TUBE, LH REAR	1	311576
4	89306-13	TUBE, RH REAR	1	311577
5	89307-13	TUBE, LH FRONT	1	311578
6	89308-13	TUBE, RH FRONT	1	311579
7	89002-99	RAINDRAIN TOP, BRIGHT WHITE	1	464764
7A	84154-98	RAINDRAIN TOP, BIRCH WHITE	1	464611
8	89470-74	WASHER,.34"X1.25"X.09",NEOPRENE	8	709003
9	11432	CAPLUG, FP-161, 1" SQ X .120 WALL	4	719525
10	3454-BS	SCREW, 1/4-20 X 1-3/4 HHCS, G5 HCBLK	8	719623
11	3991	SCREW, 5/16-18X7/8,HHCS,G5,BLK MAX	8	719643
12	5405-B	CARRIAGE BOLT 1/4-20 X 3/4 GR 5 HC-BK	8	719747
13	6257-W	WASHER, FLT STL UNHARD .28 X1.375 X .05	8	719787
14	6702-B	WASHER,5/16,SAE,F/W,BLK MAX	8	719810
15	6703-B	WASHER,1/4,SAE,F/W,BLK MAX	16	719811
16	7041-B	WASHER,5/16,REG-SPRG LOCK, BLK MAX	8	719838
17	7686	NUT, 1/4-20, NYLOCK, GA6-22, YWZC	8	719879
18	7742	NUT, 1/4-20 GR B TOP LOCK BLK ZINC	8	719894
19	8206	KNURLED INSERT, 5/16-18 YWZC	8	719929
20	89302-13	KIT, 63" SUNTOP, BRIGHT WHITE	1	192581U
21	89303-13	KIT, 63" SUNTOP, BIRCH WHITE	1	192582U

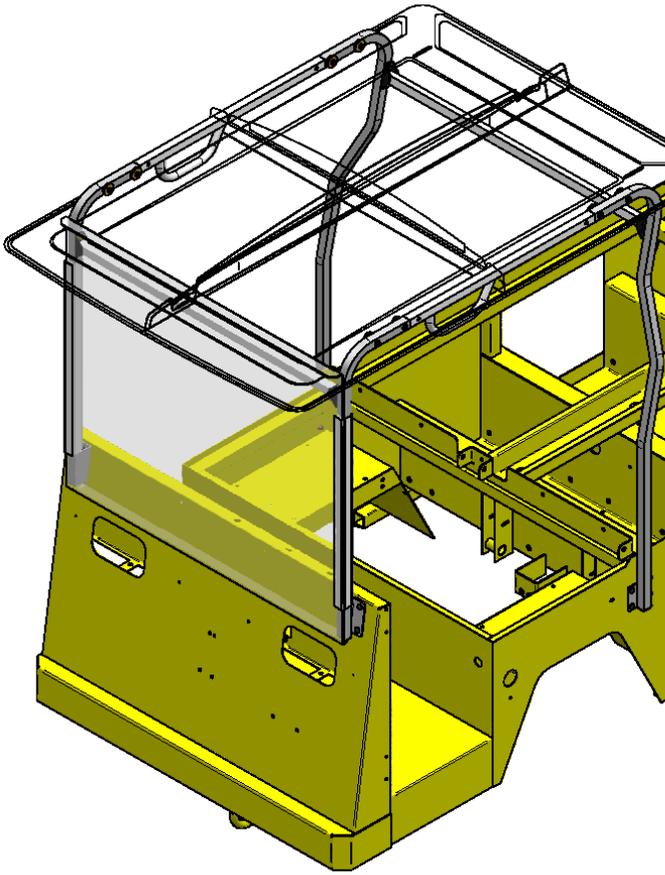
63" SUNTOP, STEEL WHITE - BC



**63" SUNTOP, STEEL WHITE –BC (Cont.)**

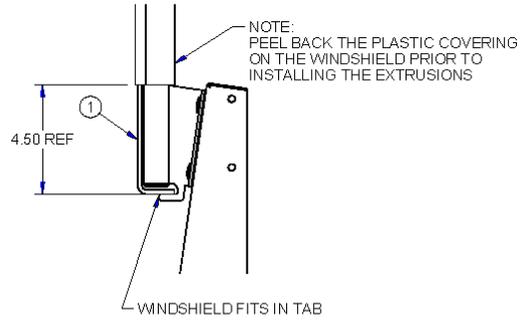
<b>ITEM</b>	<b>CPC P/N</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>SEATS P/N</b>
1	89426-04	CROSS BRACE, UPPER	2	307854
2	89390-04	SUNTOP HANDLE, EP	2	307856EP
3	89305-13	TUBE, LH REAR	1	311576
4	89306-13	TUBE, RH REAR	1	311577
5	89307-13	TUBE, LH FRONT	1	311578
6	89308-13	TUBE, RH FRONT	1	311579
7	89309-13	ROOF, WHITE	1	311580W
8	11432	CAPLUG, FP-161, 1" SQ X .120 WALL	4	719525
9	3454-BS	SCREW, 1/4-20 X 1-3/4 HHCS, G5 HCBLK	8	719623
10	3991	SCREW, 5/16-18X7/8,HHCS,G5,BLK MAX	8	719643
11	5405-B	CARRIAGE BOLT 1/4-20 X 3/4 GR 5 HC-BK	8	719747
12	6702-B	WASHER,5/16,SAE,F/W,BLK MAX	8	719810
13	6703-B	WASHER,1/4,SAE,F/W,BLK MAX	24	719811
14	7041-B	WASHER,5/16,REG-SPRG LOCK, BLK MAX	8	719838
15	7686	NUT, 1/4-20, NYLOCK, GA, YWZC	16	719879
16	8206	KNURLED INSERT, 5/16-18 YWZC	8	719929
17	89304-13	KIT, 63" SUNTOP, STEEL WHITE	1	192583U

## SUNTOP WINDSHIELD – BC



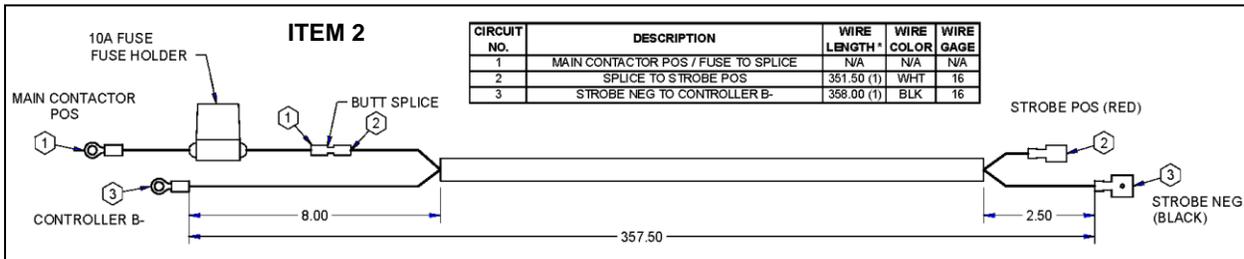
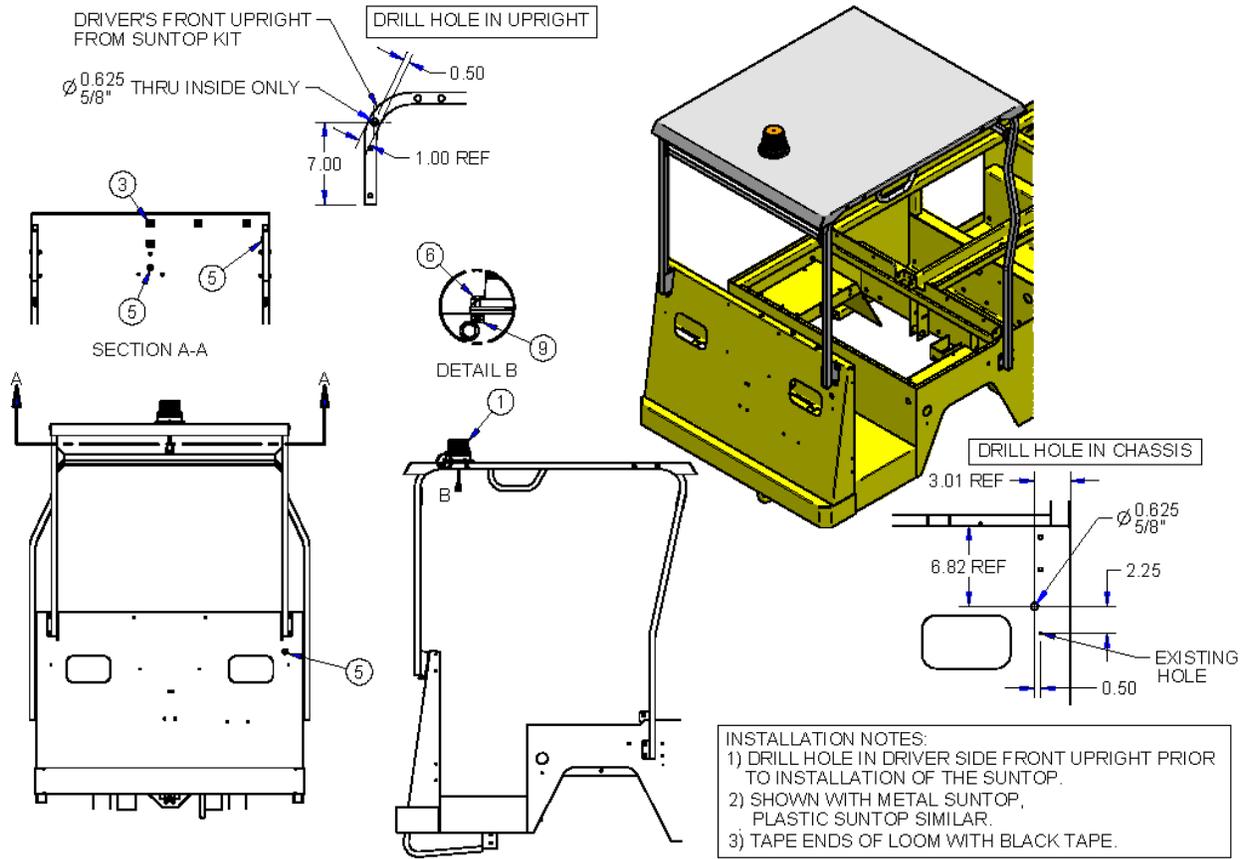
NOTE: WINDSHIELD INCLUDES BOTH SIDE EXTRUSIONS.

INSTALLATION:  
 1) INSTALL EXTRUSIONS ONTO WINDSHIELD  
 2) INSTALL WINDSHIELD ONTO SUNTOP



ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	58042-13	WINDSHIELD, ACRYLIC	1	760949

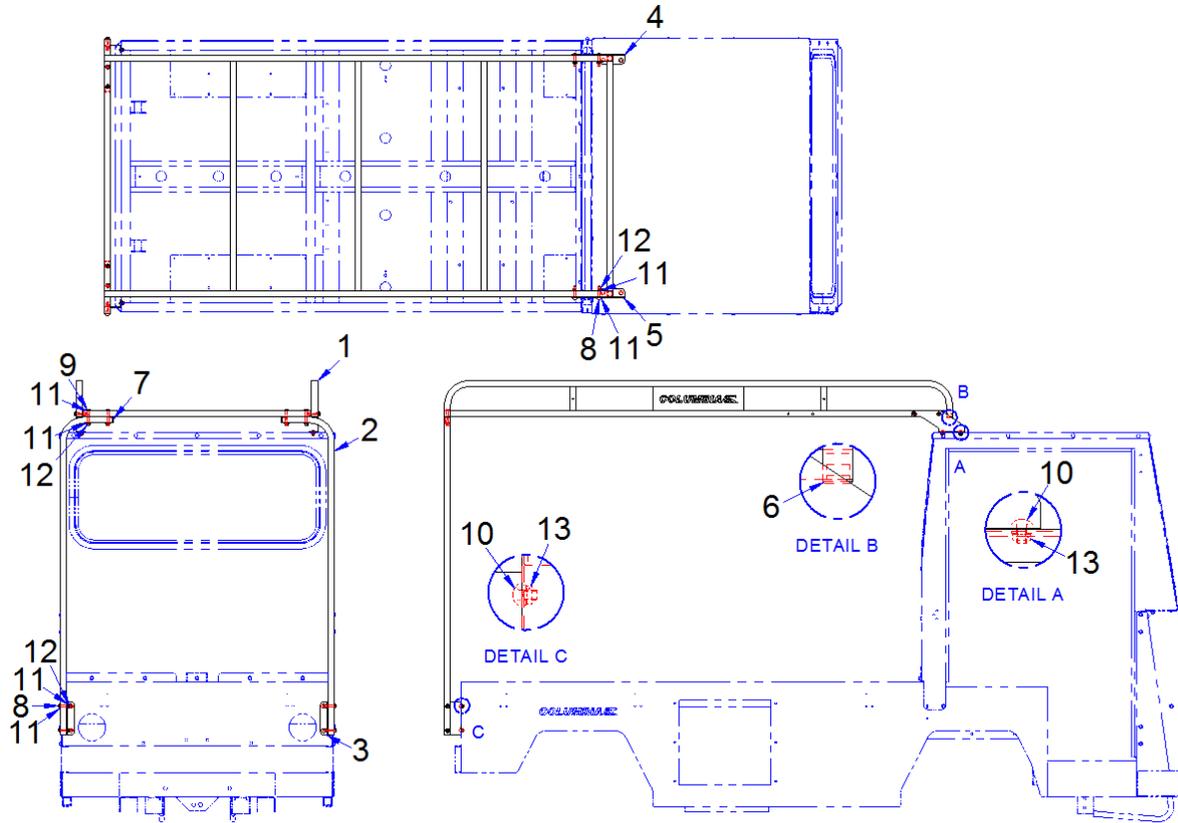
## SUNTOP STROBE LIGHT – BC



ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	68029-06	STROBE LIGHT (AMBER)	1	467408
2	69528-13	HARNESS, BC CAB STROBE LIGHT	1	467410
3	10020	CABLE TIE MOUNTING BRACKET 4A	4	719503
4*	10043	CABLE TIE, BLACK, .18 X 11 - 3/4, STD, 50LB	4	719504
5	11416	GROMMET, 3/8 X 7/8	3	719522
6	2339	SCREW, #10-24 X 3/4" HEX HD MACH	3	719551
7*	24010-ZZ	LOOM, .413 X .594, SLIT, BLACK, 4.00" LG	1	719557
8*	24010-ZZ	LOOM, .413 X .594, SLIT, BLACK, 26.00" LG	1	719557
9	7624	NUT 10-24 GR A NM MACH NYLON LOCK	3	719870
	69529-13	KIT, BC SUNTOP AMBER STROBE	1	192590U

\* NOT SHOWN

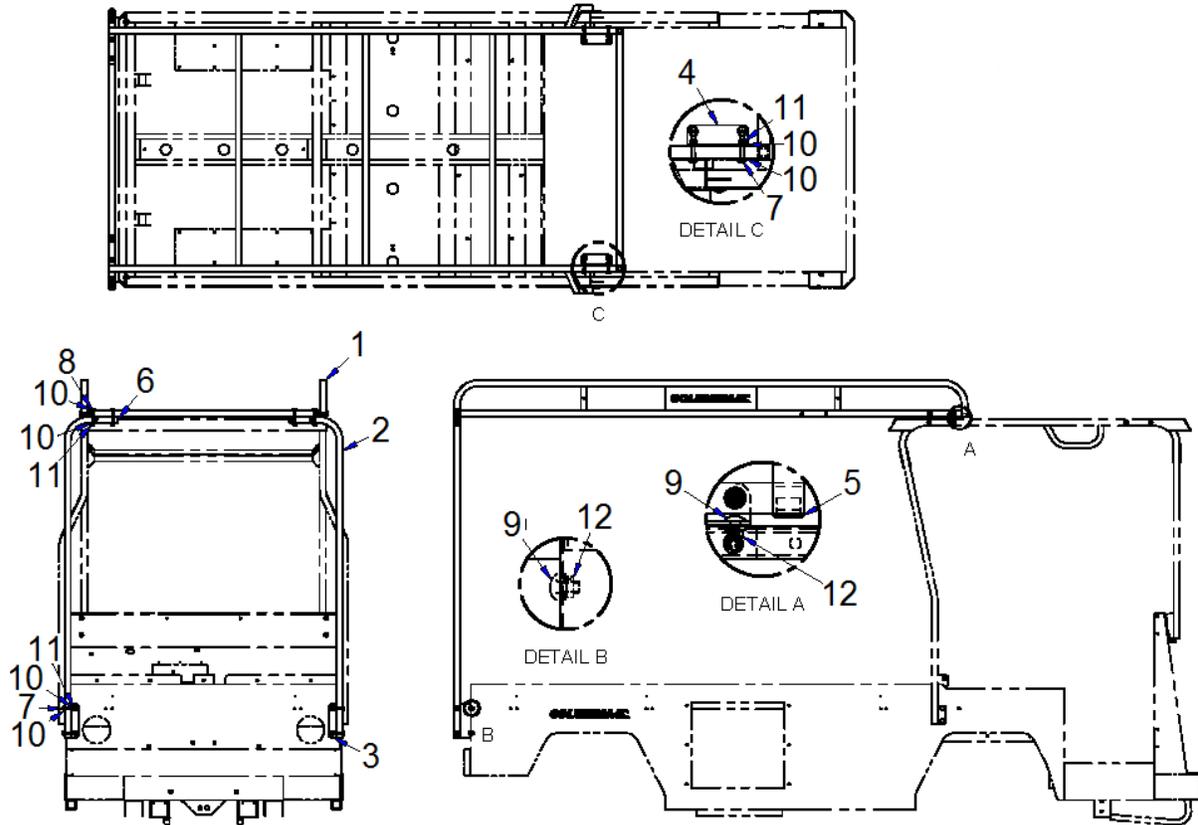
## CAB W/OVERHEAD RACK – BC



ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	*	OVERHEAD RACK	1	311556B
2	*	UPRIGHT	2	515175
3	*	BRACKET, REAR	2	515176
4	*	CAB FRONT LH BRACKET	1	515177
5	*	CAB FRONT RH BRACKET	1	515178
6	11432	CAPLUG	4	719525
7	11433	CAPLUG	2	719526
8	5207-BS	SCREW, 5/16-18X2 PPH	8	719730
9	5208-B	SCREW, 5/16-18X2-1/2, PPH	4	719731
10	5452-BS	SCREW, 5/16-18 X 5/8, CARR, G5	8	719751
11	6702-B	WASHER ,5/16,	24	719810
12	7739	NUT, 5/16-18, L/N,NYLOK,NE,GA	12	719892
13	7750	NUT, 5/16-18 FLANGE LOCK	8	719897
14	60102-12	KIT, CAB OVERHEAD RACK (Includes above)	1	192584U

\* SPECIAL ORDER

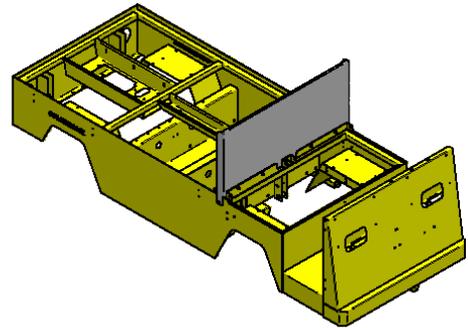
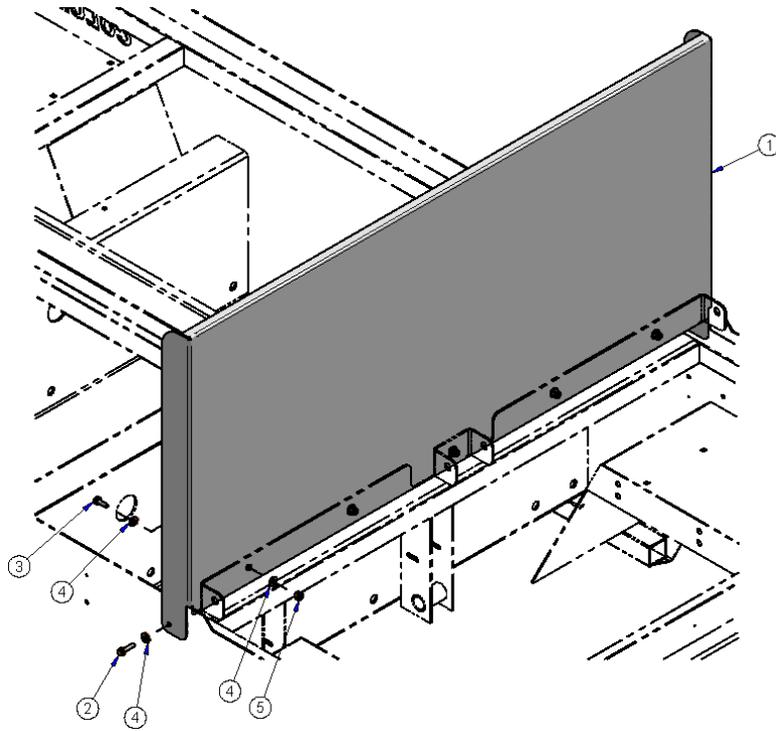
## SUNTOP W/OVERHEAD RACK – BC



ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	*	OVERHEAD RACK	1	311556B
2	*	UPRIGHT	2	515175
3	*	BRACKET, REAR	2	515176
4	*	SUNTOP FRONT BRACKET	2	515179
5	11432	CAPLUG	4	719525
6	11433	CAPLUG	2	719526
7	5207-BS	SCREW, 5/16-18X2 PPH	8	719730
8	5208-B	SCREW, 5/16-18X2-1/2, PPH	4	719731
9	5452-BS	SCREW, 5/16-18 X 5/8, CARR, G5	8	719751
10	6702-b	WASHER ,5/16	24	719810
11	7739	NUT, 5/16-18, L/N,NYLOK,NE,GA	12	719892
12	7750	NUT, 5/16-18 FLANGE LOCK	8	719897
13	60103-12	KIT, SUNTOP OVERHEAD RACK (Includes above)	1	192585U

\* SPECIAL ORDER

## BULKHEAD – BC

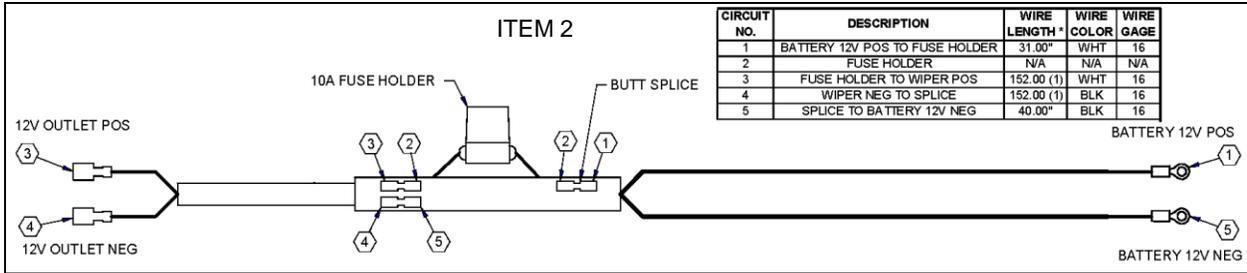
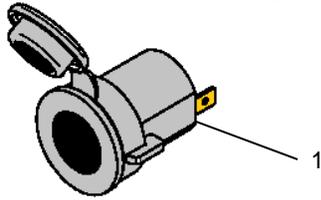


- NOTES:
1. THE BULKHEAD GOES TO THE REAR OF THE SEAT BELT MOUNT ON THE CHASSIS.
  2. INSTALL THE BOLTS TO THE SEAT BELT MOUNT FIRST.
  3. SQUARE THE BULKHEAD TO THE CHASSIS.
  4. DRILL 7/32" (.218") HOLES INTO THE CHASSIS THROUGH OUTER WALL OF THE CHASSIS TUBE FOR THE SIDE MOUNTING BOLTS.
  5. INSTALL THE BOLTS TO THE SIDE OF THE CHASSIS.

ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	*	BULKHEAD PANEL	1	310731
2	2509	SCREW, HX HD, .25X1, THREAD FORMING	2	719560
3	3787-B	SCREW, 1/4-20X3/4, HHCS, G5	5	719636
4	6703-B	WASHER, 1/4, SAE	12	719811
5	7686	NUT, 1/4-20 NYLOCK GA	5	719879

\* SPECIAL ORDER

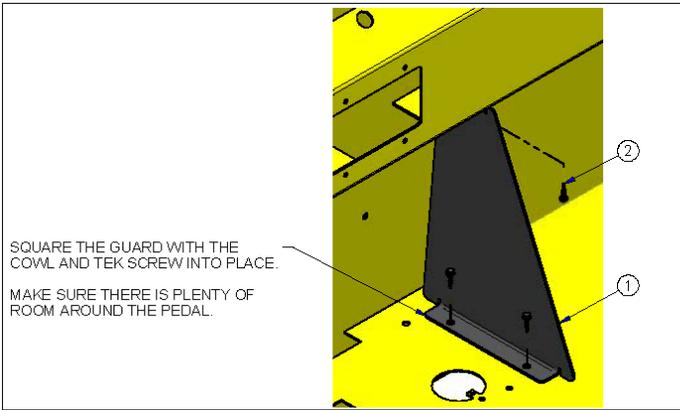
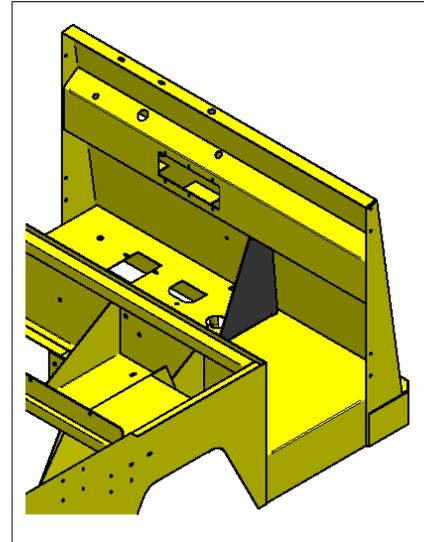
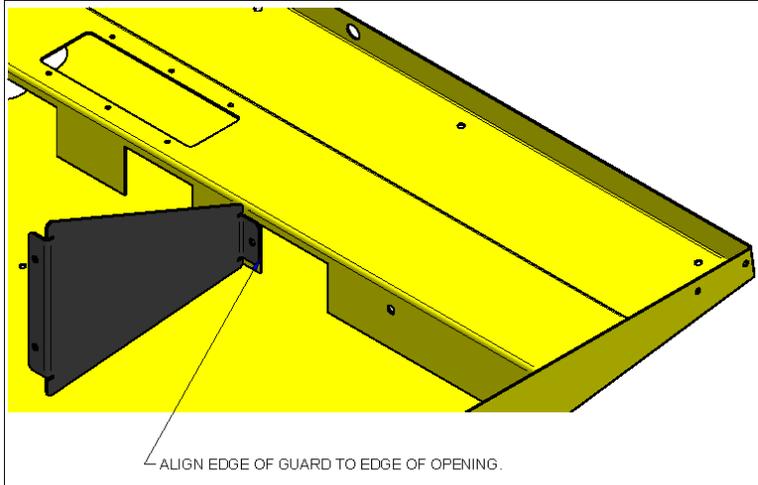
## 12 VOLT OUTLET – BC



ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	66030-03	12 VOLT RECEPTACLE	1	719342
2	*	12 VOLT OUTLET HARNESS	1	467619

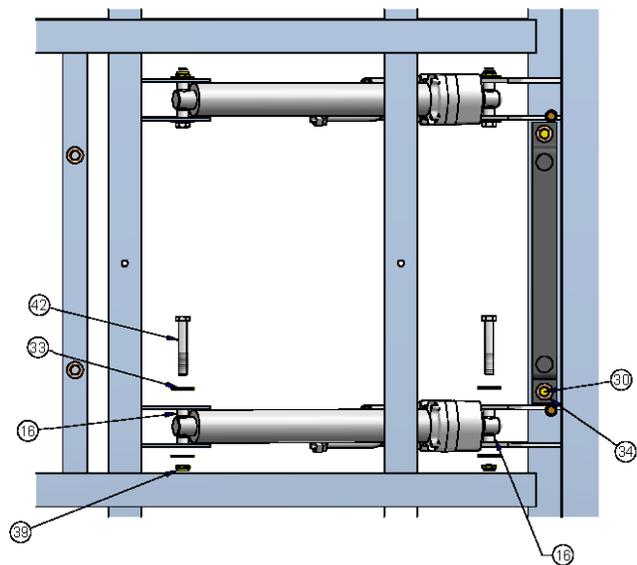
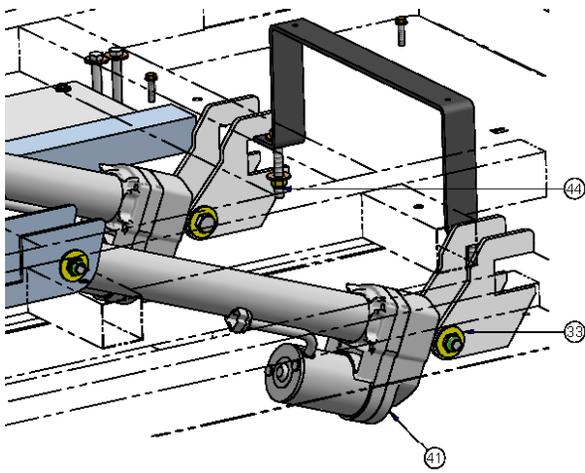
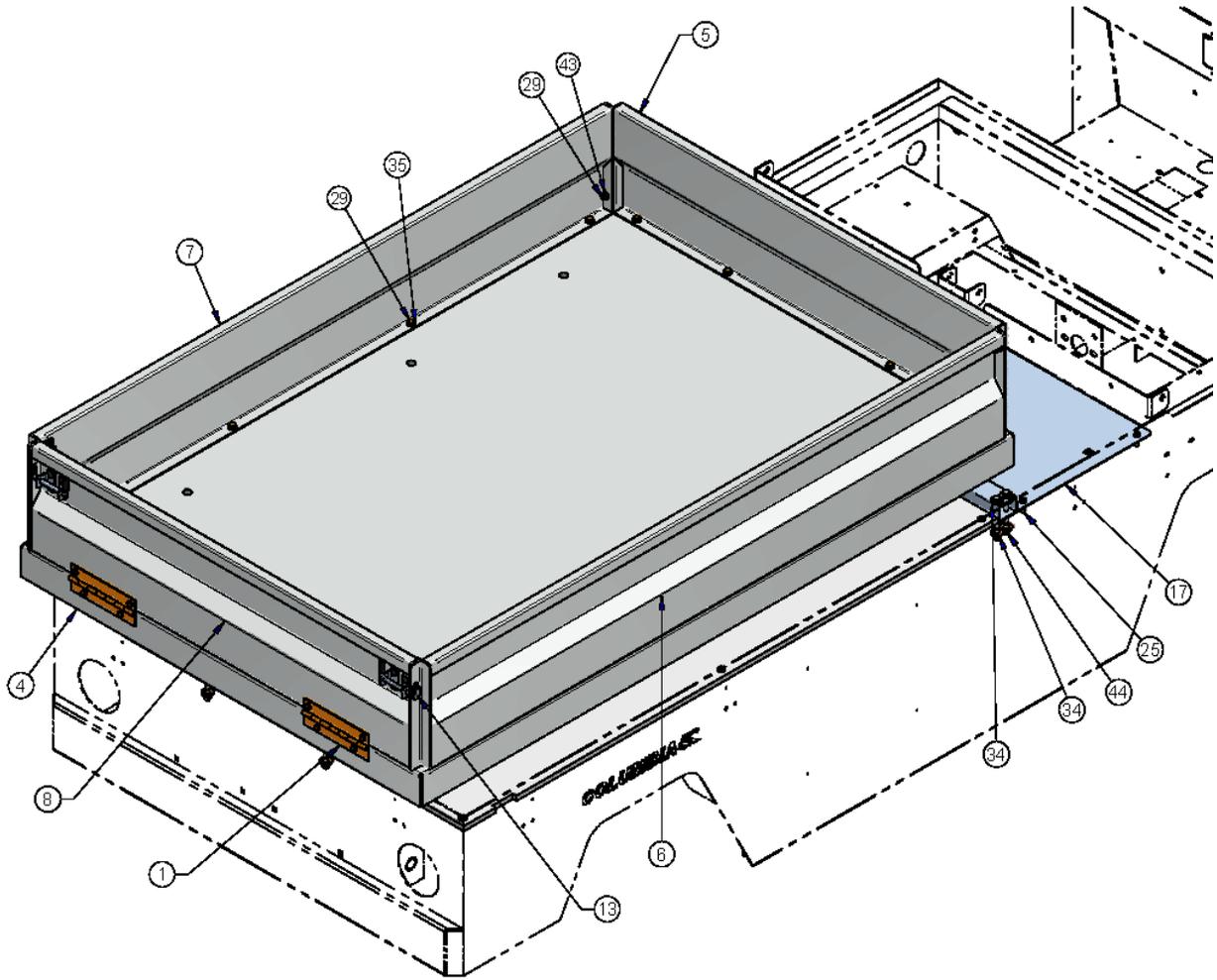
\* SPECIAL ORDER

## ACCELERATOR PEDAL GUARD – BC

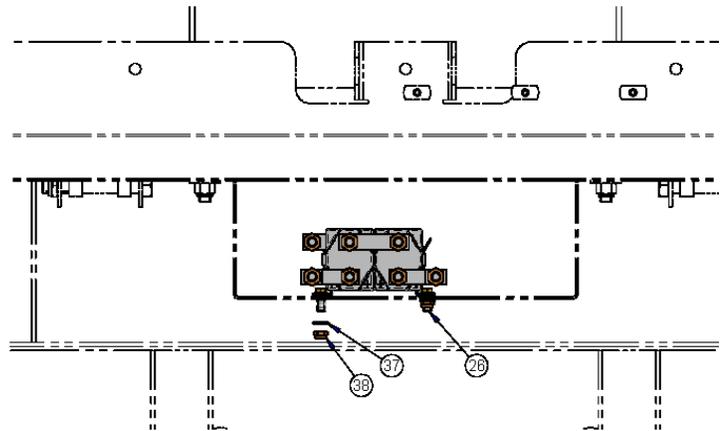
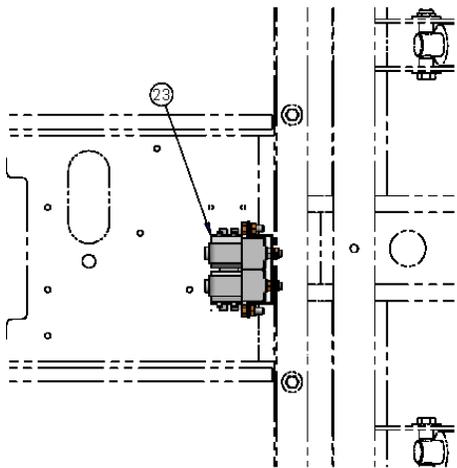
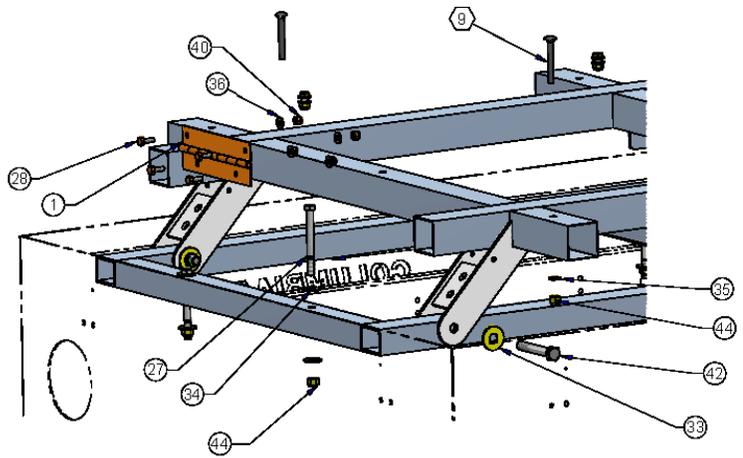
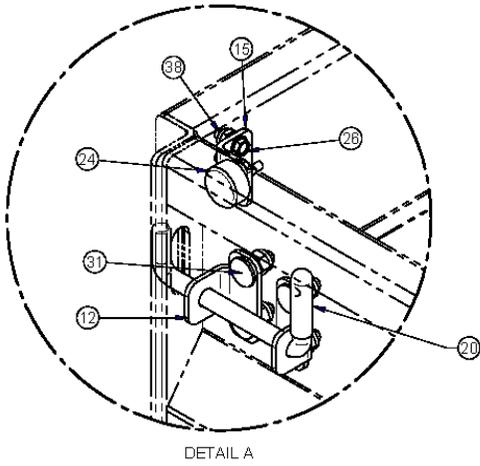
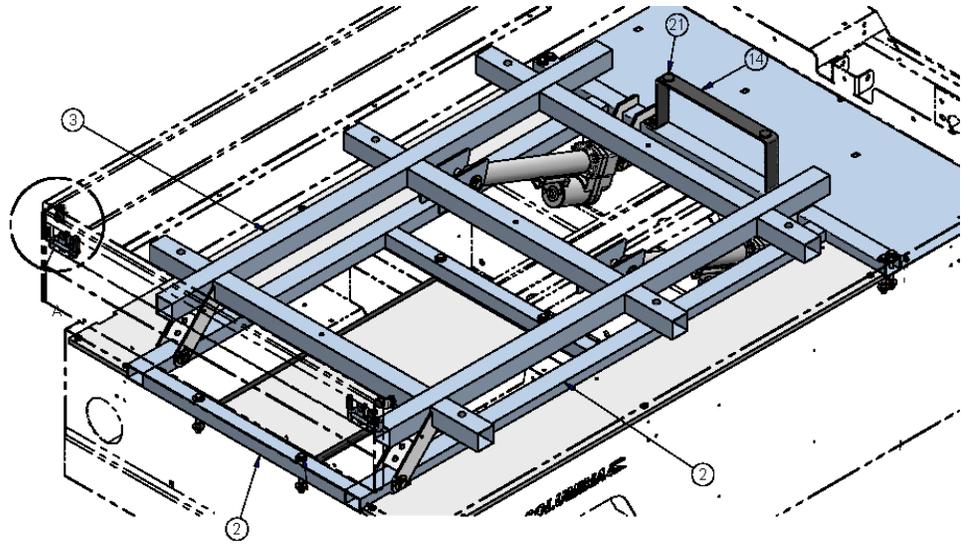


ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	40456-09	ACCELERATOR FOOT GUARD	1	512863
2	2653-B	SCREW, #10X3/4 HWH TEK #3	3	719583

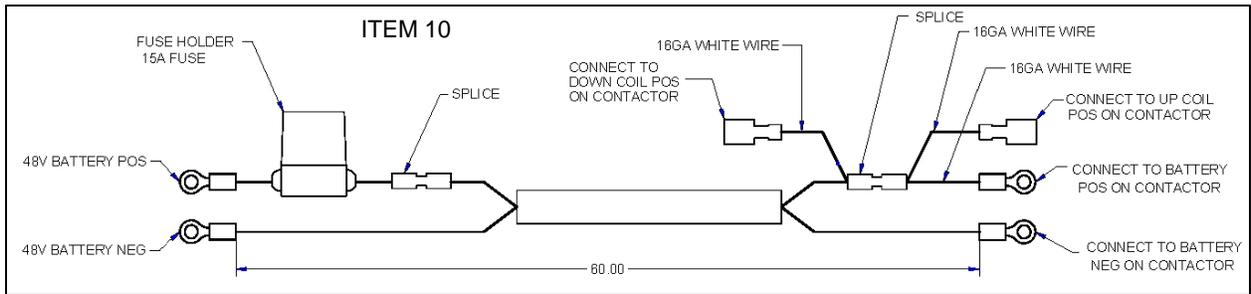
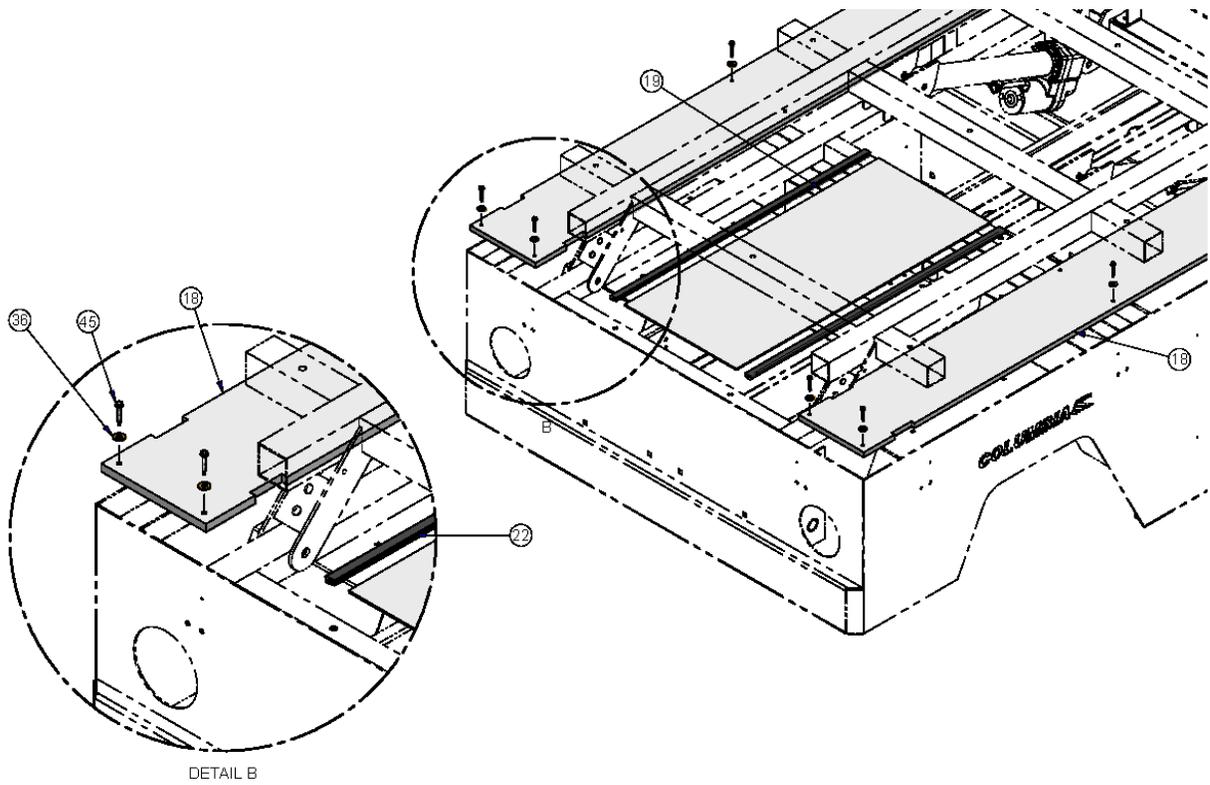
# TILT BED- BC



# TILT BED- BC (Cont.)



# TILT BED- BC (Cont.)



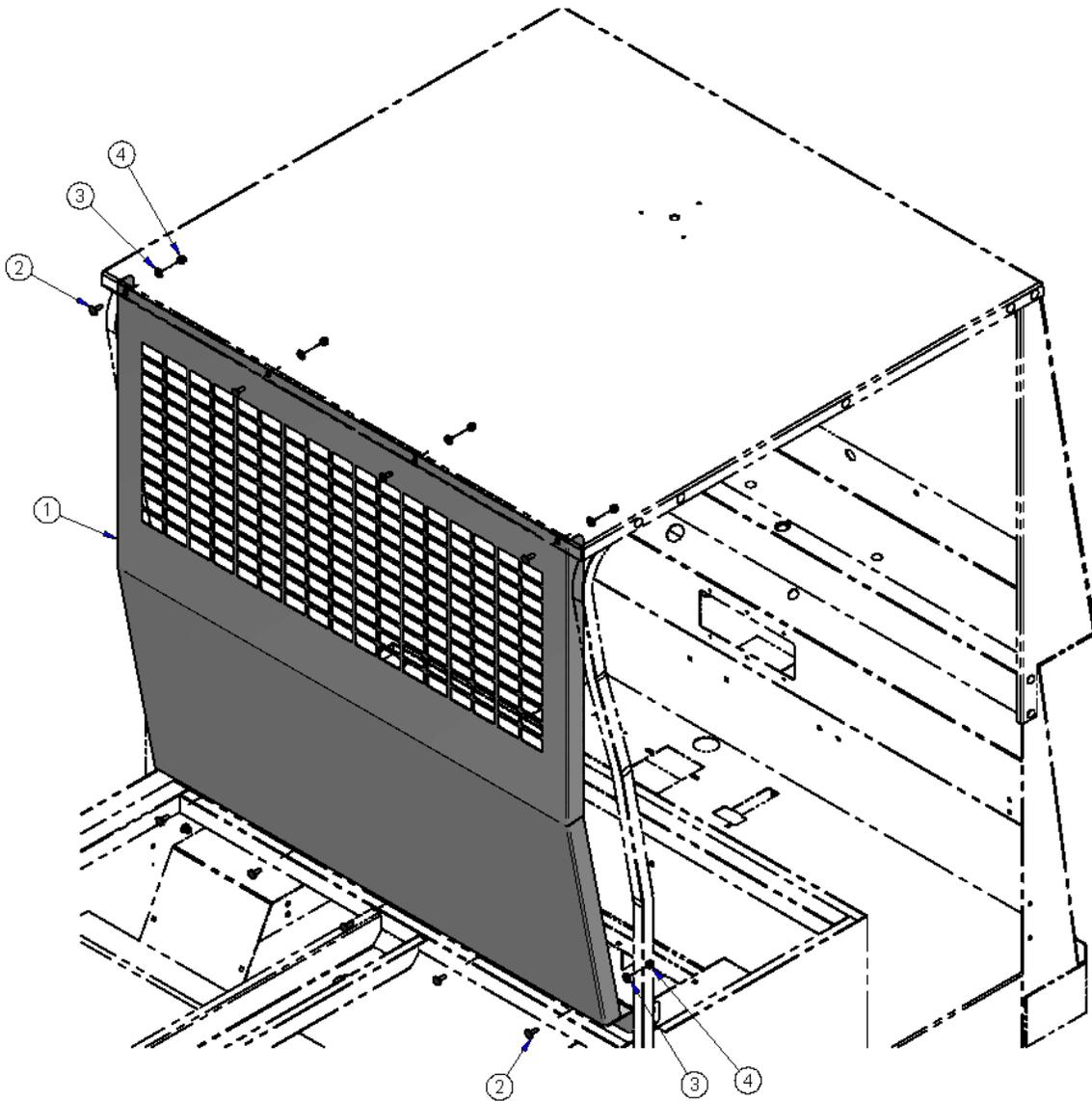
**TILT BED- BC (Cont.)**

ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	52918-07	HINGE CARGO SEAT	2	308737PL
2	*	TIPPER, BASE	1	312242
3	*	LOWER DUMP BED SPRT	1	312243
4	*	DUMP BED	1	312244
5	*	DUMP BED F PANEL	1	312245
6	*	DUMP BED PANEL RH	1	312246
7	*	DUMP BOX PANEL LH	1	312247
8	*	DUMP BED TAILGATE	1	312248
9**	*	ASM, REMOTE CONTROL (See Section 5)	1	468004
10	*	HARNESS, POWER, BC REFUSE	1	468005
11**	*	HARNESS, 48V ACTR, BC DMP BOX (See Section 5)	1	468839
12	*	BRKT, LATCH	4	515865
13	*	HANDLE, LATCH	2	515866
14	*	BRKT, DOWNSTOP BUMPER	1	515867
15	*	BRKT, BC/SU5 TAILGATE STOP	2	515868
16	*	SPACER, BC/SU5 DUMP BED ACTUATOR	8	515869
17	*	COVER, BC DUMP BED	1	515870
18	*	COVER LH/RH, BC DUMP BOX	2	516024
19	*	COVER, BC CONTROL PANEL	1	516026
20	*	END TIP, BLK	2	707613
21	11402	BOOT, RUBBER BUMPER	2	709011
22	48865-ZZ	TRIM, PINCH WELT, 3/32 BLACK	5	709013
23	71467-02	CONTACTOR, DOUBLE - 48V COILS	1	709825
24	11403	BUMPER, 7/8 X 1.03 EPDM 70 DURO	2	719519
25	2509	SCREW, HX HD, .25 x 1, THRD FRMING	5	719560
26	2685-W	SCREW, 10-24 X 5/8 HWH TRD ROL	6	719586
27	3453	SCREW, 3/8-16 X 3-3/4 HHCS GR5	8	719622
28	3787-B	SCREW, 1/4-20X3/4, HHCS, G5, BLK150	8	719636
29	3987-BS	SCREW, 5/16-18 X 3/4 HHCS, GR 5	16	719642
30	4719-W	SCREW, HX HD CAP 3/8-16 X 2-3/4 G5	2	719695
31	5405-B	CARRIAGE BOLT 1/4-20 X 3/4 GR 5 HC-BK	8	719747
32*	5447-BS	BOLT, 5/16-18 X 2-1/2, CARRIAGE, GRADE 5	6	719749
33	6005	WASHER, FTL STL, 1/2 STD UNHARD YWZC96	12	719772
34	6416	WASHER FLT STL BLK ZNC 3/8 STD	20	719796
35	6702-B	WASHER, 5/16, SAE, F/W, BLK MAX	38	719810
36	6703-B	WASHER, 1/4, SAE, F/W, BLK MAX	16	719811
37	6716	WASHER, #10, SAE, F/W, BLK MAX	4	719812
38	7624	NUT 10-24 GR A NM MACH NYLON LOCK	6	719870
39	7685	NUT 1/2-13, GR A, NYLON LOCK	6	719878
40	7686	NUT, 1/4-20, NYLOCK, GA, YWZC	16	719879
41	*	48V ACTUATOR, 12" STROKE	2	761071
42	*	SCREW, 1/2-13x3-1/4, HHCS, G2, ZC, P80X	6	781046
43	19148-13	NUT, 5/16-18, L/N, NYLOK, NE, G5, YWZC	16	782086
44	7534	NUT, 3/8-16, L/N, NYLOK, NE, G8, YWZC96	16	782118
45	4026	SCR, #10-16 X 1.25, HWH, T/S, ZC	8	782233

\* SPECIAL ORDER

\*\* NOT SHOWN HERE

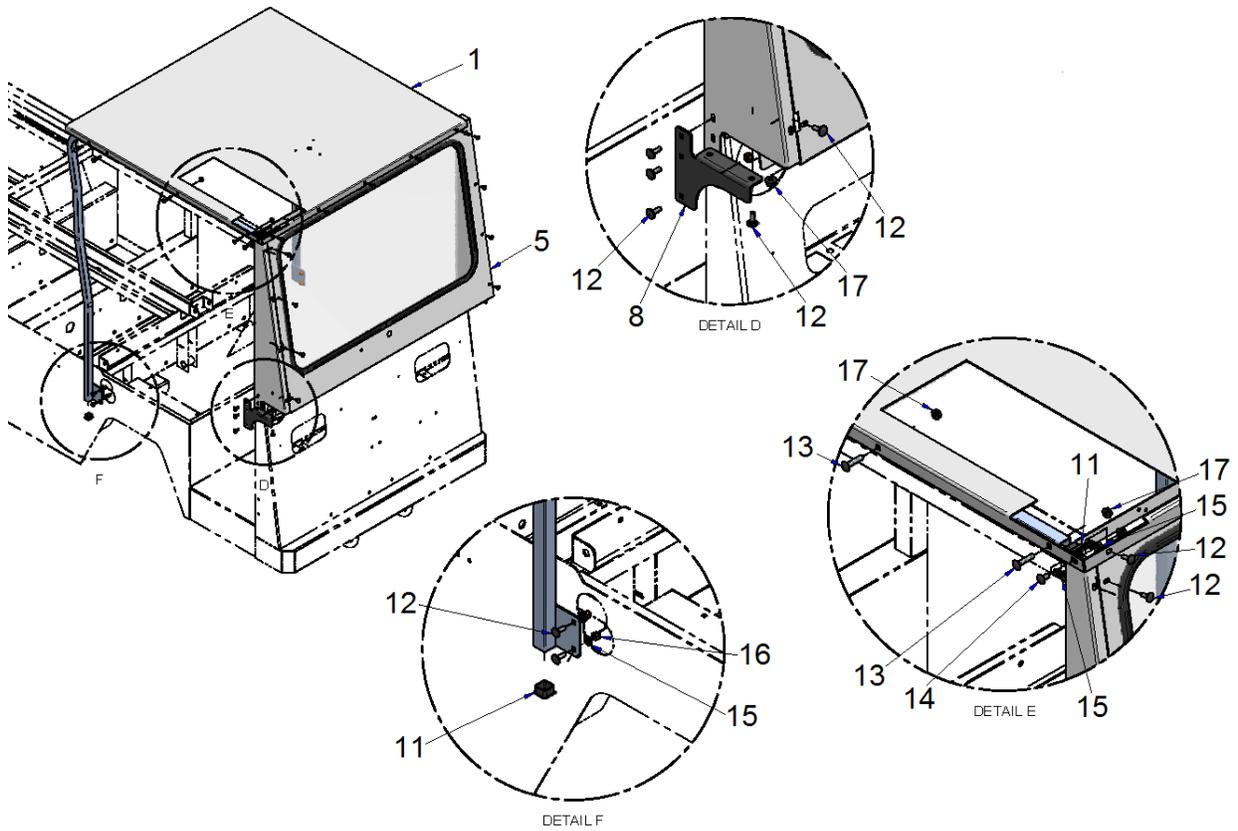
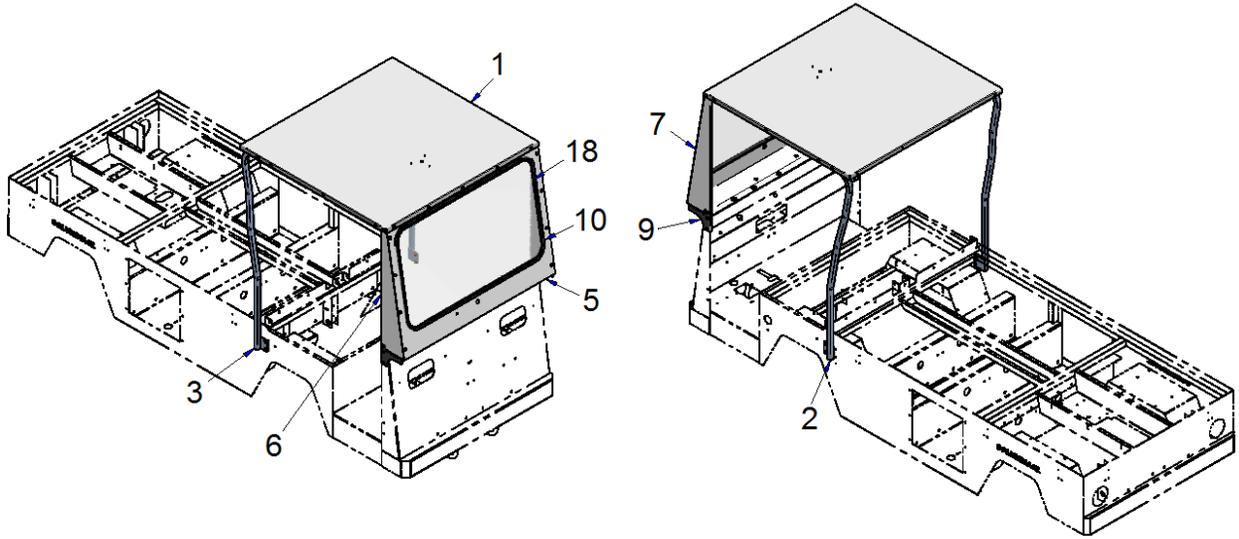
## TILT BED BULKHEAD – BC



ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	*	BULKHEAD	1	312260
2	5405-B	SCREW 1/4-20 X 3/4 CARR GR 5 HC-BK	9	719747
3	6703-B	WASHER, 1/4, SAE, FW, BLK MAX	9	719811
4	7686	NUT, 1/4-20, NYLOCK, GA, YWZC	9	719879
5	51449-14	KIT, TILT BED BULKHEAD (Includes above)	1	192755U

\* SPECIAL ORDER

# OPERATOR ROOF, BLACK, POWDER COATED – BC



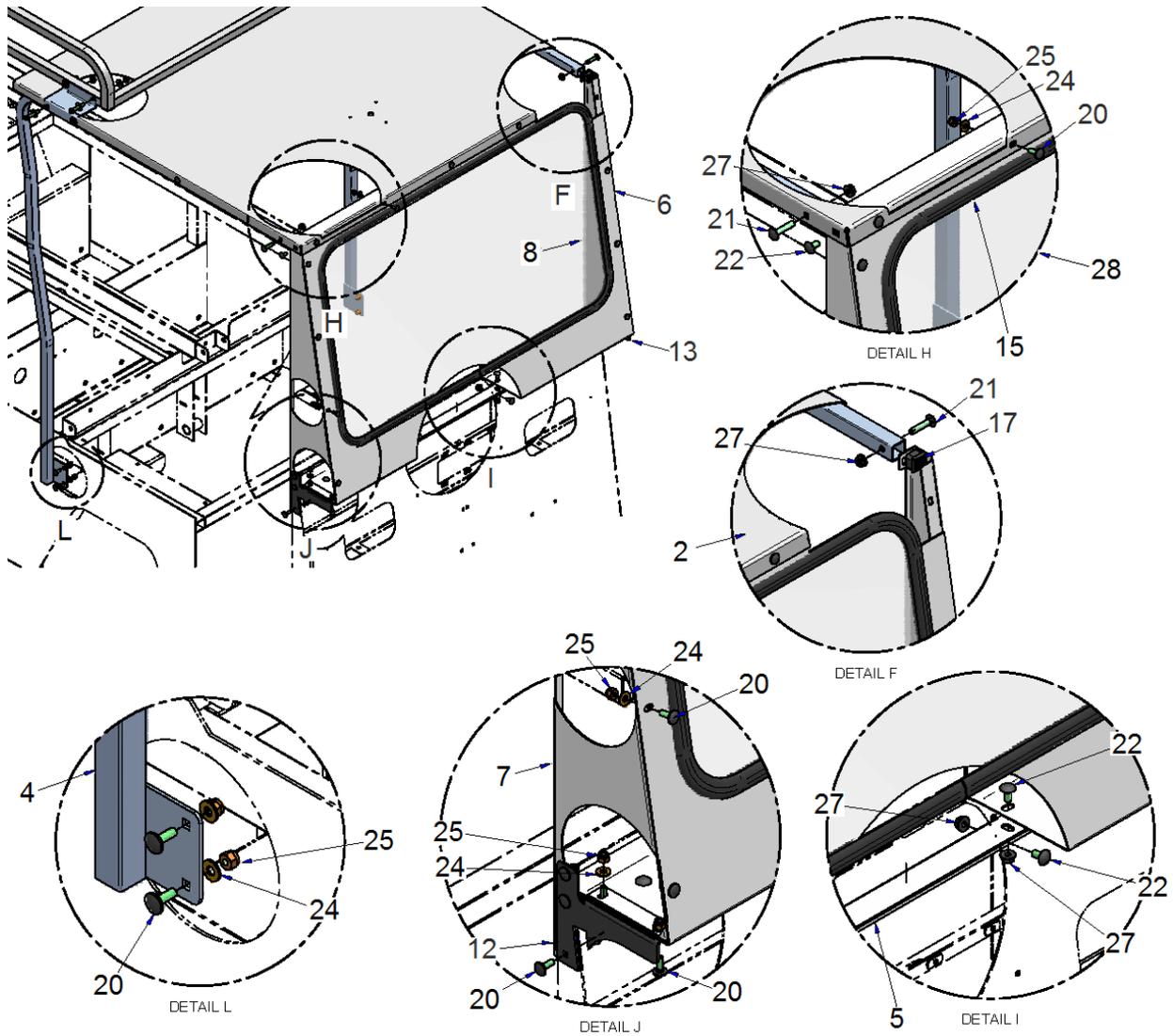
**OPERATOR ROOF, BLACK, POWDER COATED – BC (Cont.)**

ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	*	BLACK, ROOF PANEL, TOP	1	312256B
2	*	LH MID UPRIGHT, TOP	1	312257
3	*	RH MID UPRIGHT, TOP	1	312258
4**	*	POWDERCOATED BRACKET CAB FRONT	1	511225W
5	*	WHITE, FRONT PANEL, TOP	1	515911W
6	*	WHITE, RH PANEL, TOP	1	515912W
7	*	WHITE, LH PANEL, TOP	1	515913W
8	*	BRACKET, TOP SUPPORT RH	1	516235
9	*	BRACKET, TOP SUPPORT LH	1	516236
10	58901-11	WEATHER STRIPPING, SELF-SEALING, 126 LG "	1	719163
11	11433	CAPLUG, FP-165, 1 SQ X .063 WALL "	4	719526
12	5405-B	CARRIAGE BOLT 1/4-20 X 3/4 GR 5 HC-BK	27	719747
13	5449-BS	SCREW, 5/16-1/ X 1-1/2 CARRIAGE, GR 5, PLTD	8	719750
14	5452-BS	BOLT, 5/16-18 X 5/8, CARRIAGE, GRADE 5	10	719751
15	6703-B	WASHER, 1/4, SAE, FW, BLK MAX	27	719811
16	7686	NUT, 1/4-20, NYLOCK, GA, YWZC	27	719879
17	7750	LOCKNUT, 5/16-18 HX FLNG 2-WAY CNTR	18	719897
18	58022-12	WINDSHIELD, GLASS, FR - MVP	1	760450
-	89008-14	KIT, OPERATOR ROOF (Includes above)	1	192751U

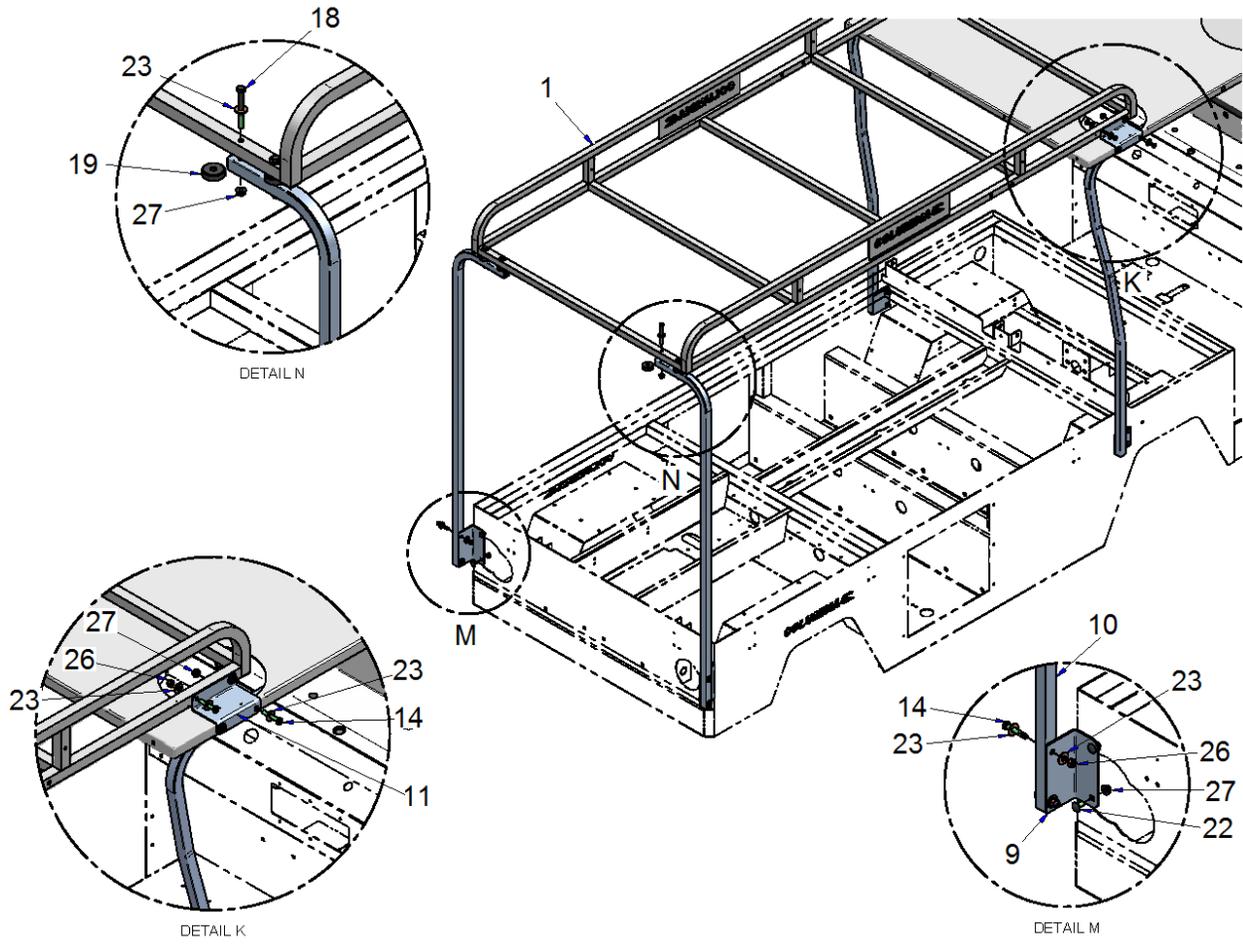
\* SPECIAL ORDER

\*\* NOT SHOWN

# OPERATOR ROOF W/RACK- BC-L



# OPERATOR ROOF W/RACK- BC-L (Cont.)

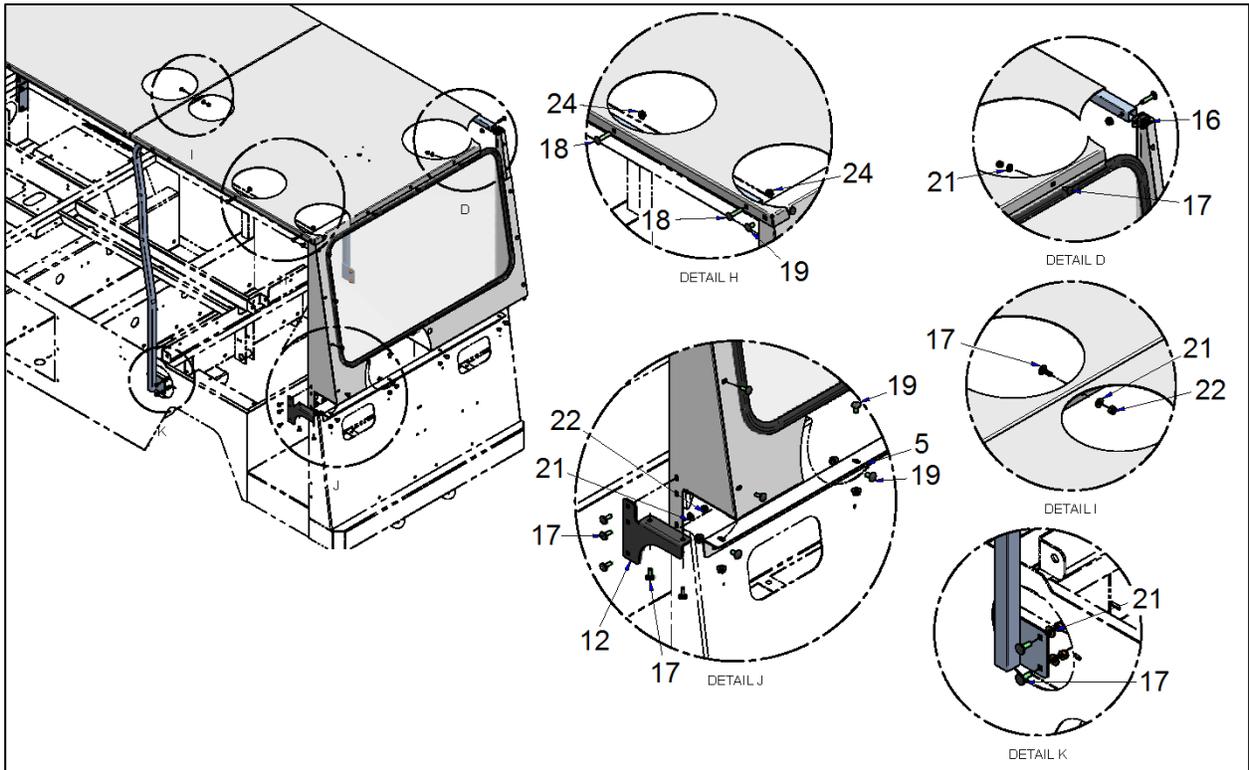
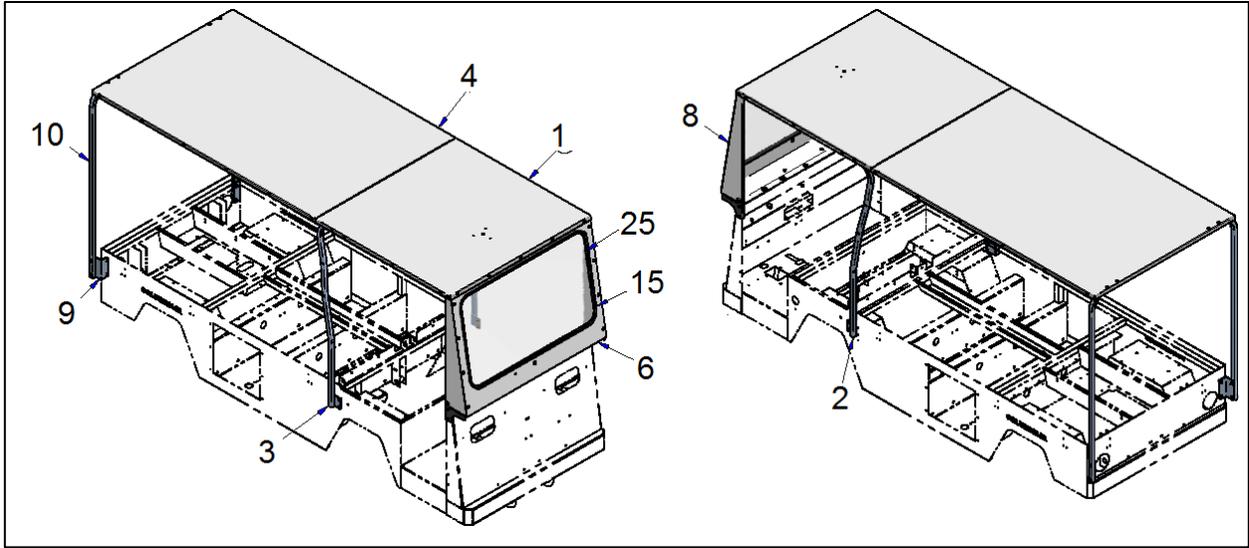


**OPERATOR ROOF W/RACK- BC-L (Cont.)**

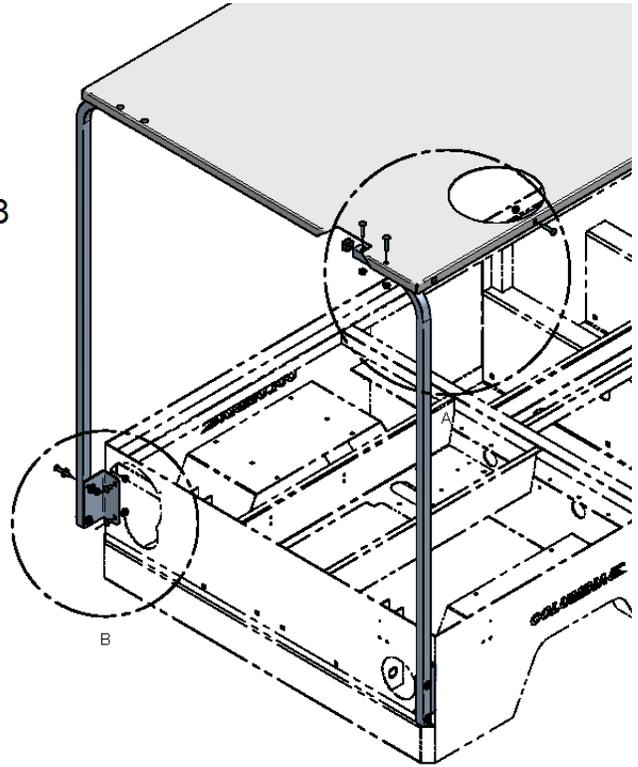
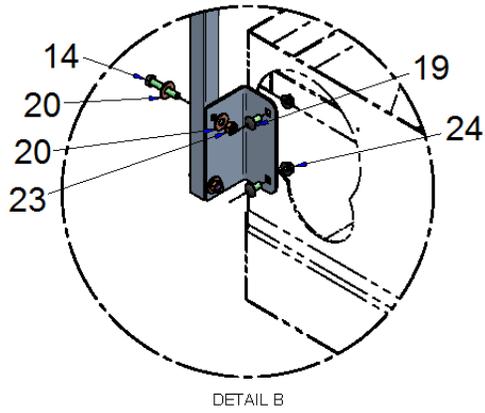
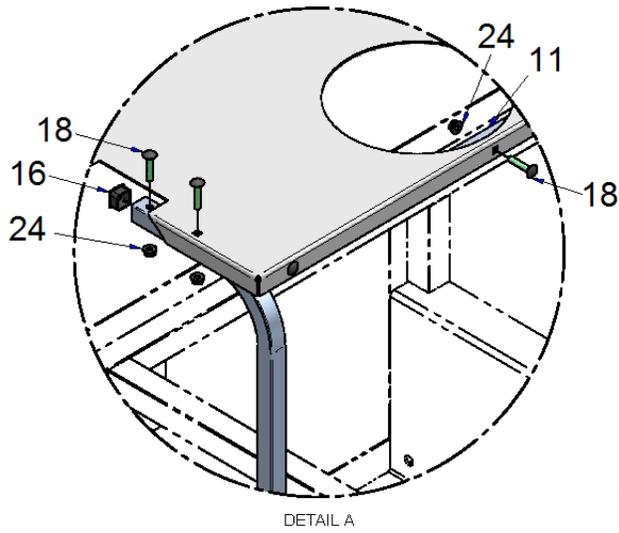
ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	*	OVERHEAD RACK	1	311556B
2	*	BLACK, ROOF PANEL, TOP	1	312256B
3	*	LH MID UPRIGHT, TOP	1	312257
4	*	RH MID UPRIGHT, TOP	1	312258
5	*	POWDERCOATED BRACKET CAB FRONT	1	511225W
6	*	WHITE, FRONT PANEL, TOP	1	515911W
7	*	WHITE, RH PANEL, TOP	1	515912W
8	*	WHITE, LH PANEL, TOP	1	515913W
9	*	BRACKET, REAR UPRIGHT, TOP	2	515918
10	*	TUBE, REAR UPRIGHT, TOP	2	515919
11	*	BRACKET, RACK MOUNTING	2	515922
12	*	BRACKET, TOP SUPPORT RH	1	516235
13	*	BRACKET, TOP SUPPORT LH	1	516236
14	58901-11	WEATHER STRIPPING, SELF-SEALING, 126" LONG	1	719163
15	11432	CAPLUG, FP-161, 1" SQ X .120 WALL	4	719525
16	11433	CAPLUG, FP-165, 1" SQ X .063 WALL	4	719526
17	4086	SCREW, 5/16-18 X 3.00" LG HEX CAP HD	4	719654
18	5207-BS	SCREW, 5/16-18X2 PPH M/S	12	719730
19	52329-85	WASHER, FLAT DELRIN	4	719737
20	5405-B	CARRIAGE BOLT 1/4-20 X 3/4 GR 5 HC-BK	29	719747
21	5449-BS	SCREW, 5/16-1/ X 1-1/2 CARRIAGE, GR 5, PLTD	4	719750
22	5452-BS	BOLT, 5/16-18 X 5/8, CARRIAGE, GRADE 5	14	719751
23	6702-B	WASHER, 5/16,	24	719810
24	6703-B	WASHER, 1/4, SAE, F/W, BLK MAX	29	719811
25	7686	NUT, 1/4-20, NYLOCK, GA, YWZC	29	719879
26	7739	NUT, 5/16-18, L/N, NYLOK, NE, GA, BLKMAX	8	719892
27	7750	LOCKNUT, 5/16-18 HX FLNG 2-WAY CNTR	26	719897
28	58022-12	WINDSHIELD GLASS	1	760450
-	89010-14	KIT, OPERATOR TOP WITH RACK	1	192762U

\* SPECIAL ORDER

# FULL LENGTH ROOF- BC-L



# FULL LENGTH ROOF – BC-L (Cont.)



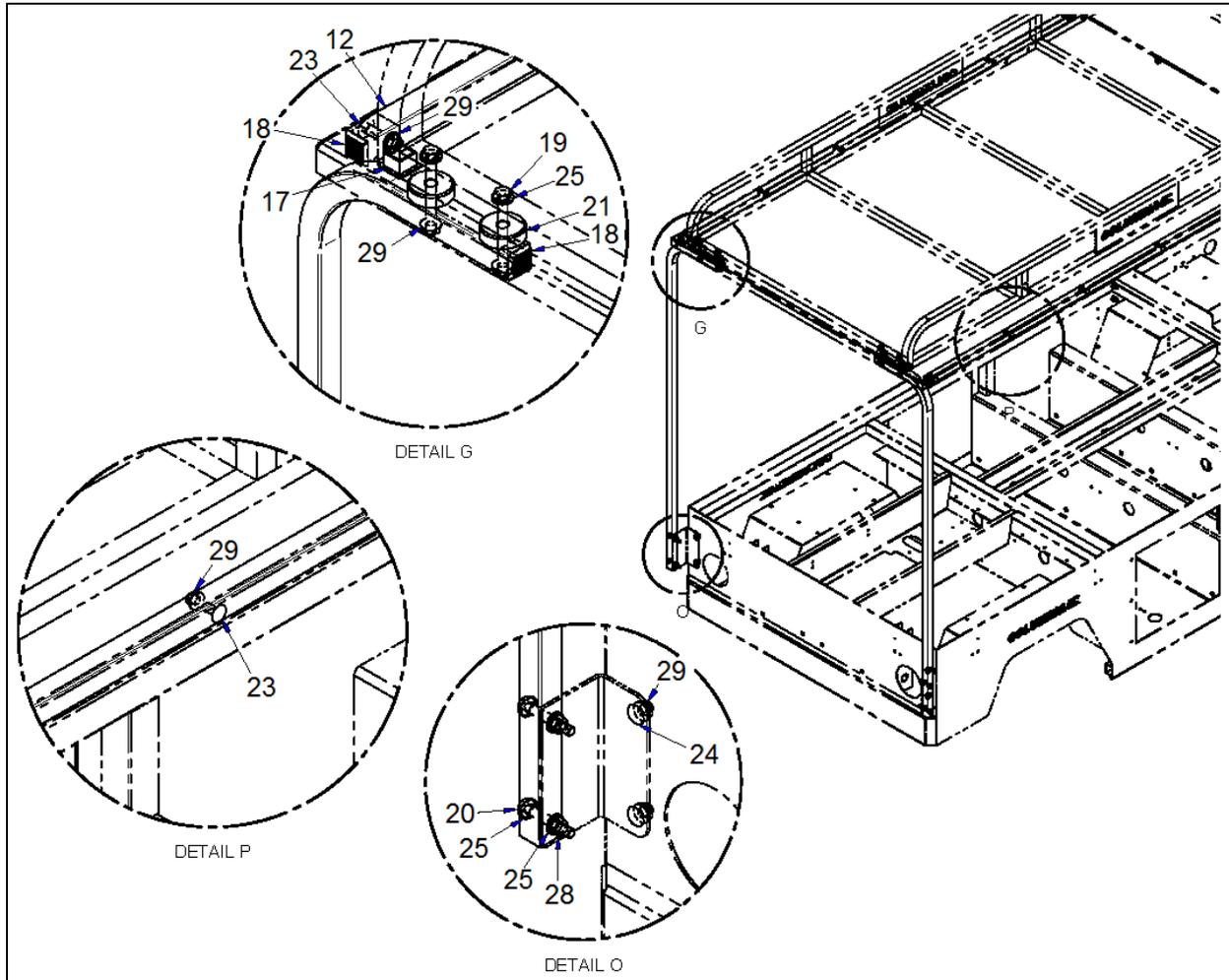
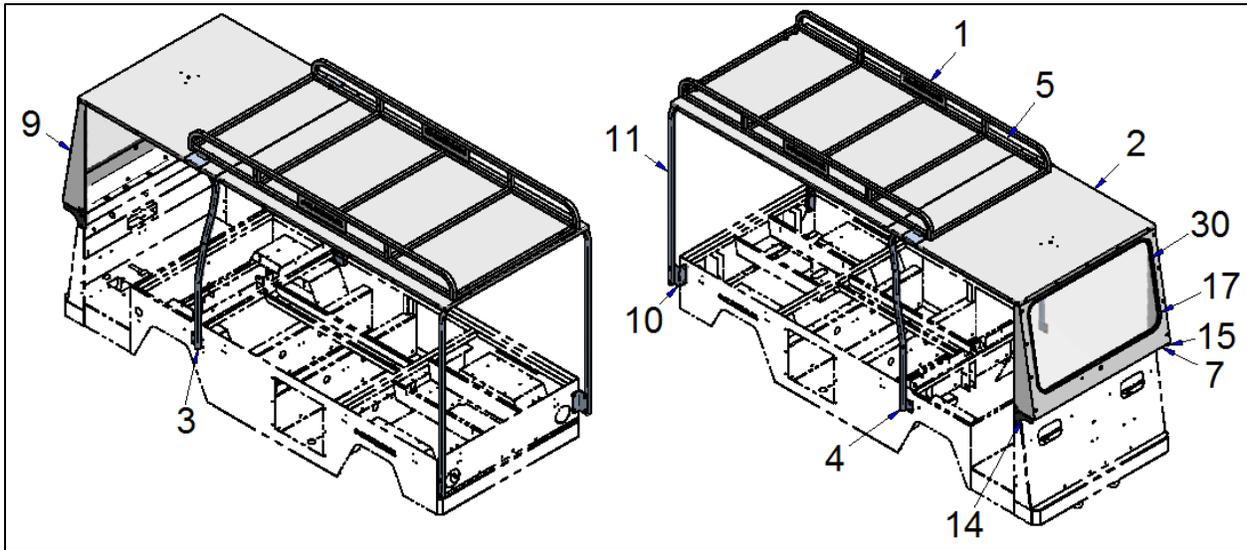
**FULL LENGTH ROOF – BC-L (Cont.)**

ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	*	ROOF PANEL	1	312256B
2	*	LH MID UPRIGHT, TOP	1	312257
3	*	RH MID UPRIGHT, TOP	1	312258
4	*	BLACK, EXT ROOF PANEL, TOP	1	312259B
5	*	POWDERCOATED BRACKET CAB FRONT	1	511225W
6	*	WHITE, FRONT PANEL, TOP	1	515911W
7**	*	WHITE, RH PANEL, TOP	1	515912W
8	*	WHITE, LH PANEL, TOP	1	515913W
9	*	BRACKET, REAR UPRIGHT, TOP	2	515918
10	*	TUBE, REAR UPRIGHT, TOP	2	515919B
11	*	TUBE, EXT ROOF, TOP	2	515921B
12	*	BRACKET TOP SUPPORT RH	1	516235
13**	*	BRACKET TOP SUPPORT LH	1	516236
14	3925	SCREW, 5/16-18 X 1-3/4 HHCS, G8, YLZN	4	708746
15	58901-11	WEATHER STRIPPING, SELF-SEALING, 126" LONG	1	719163
16	11433	CAPLUG, FP-165, 1" SQ X .063 WALL	8	719526
17	5405-B	CARRIAGE BOLT 1/4-20 X 3/4 GR 5 HC-BK	33	719747
18	5449-BS	SCREW, 5/16-1/ X 1-1/2 CARRIAGE, GR 5, PLTD	24	719750
19	5452-BS	BOLT, 5/16-18 X 5/8, CARRIAGE, GRADE 5	14	719751
20	6000-B	WASHER,5/16,USS/STD,F/W, BLK MAX	8	719771
21	6703-B	WASHER,1/4,SAE,F/W,BLK MAX	33	719811
22	7686	NUT, 1/4-20, NYLOCK, GA, YWZC	33	719879
23	7739	NUT,5/16-18,L/N,NYLOK,NE,GA, BLKMAX	8	719892
24	7750	LOCKNUT, 5/16-18 HX FLNG 2-WAY CNTR	38	719897
25	58022-12	WINDSHIELD GLASS	1	760450
-	89009-14	KIT, FULL TOP (Includes above)	1	192752U

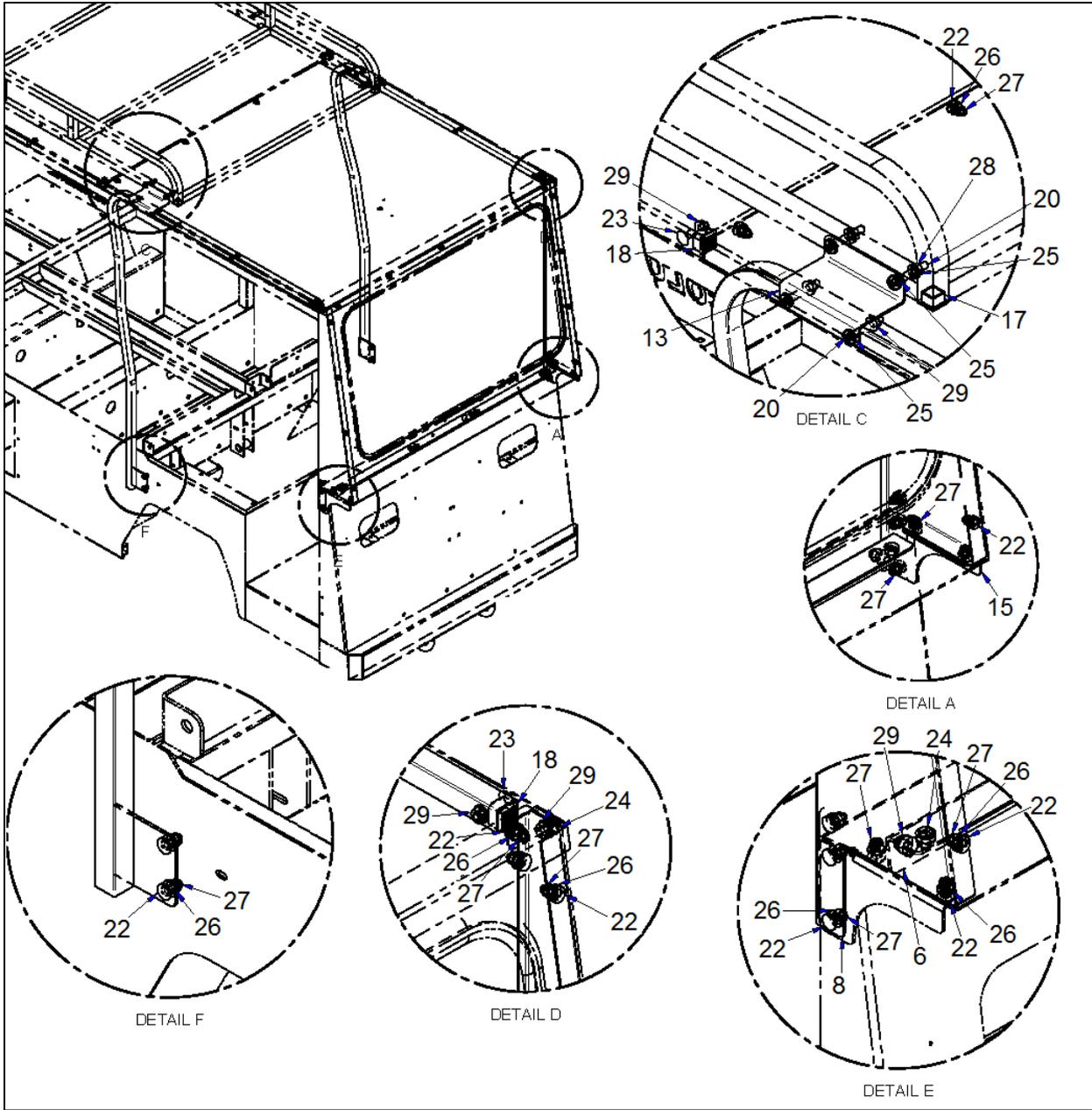
\* SPECIAL ORDER

\*\* NOT SHOWN

# FULL LENGTH ROOF W/RACK- BC-L



FULL LENGTH ROOF W/RACK- BC-L (Cont.)

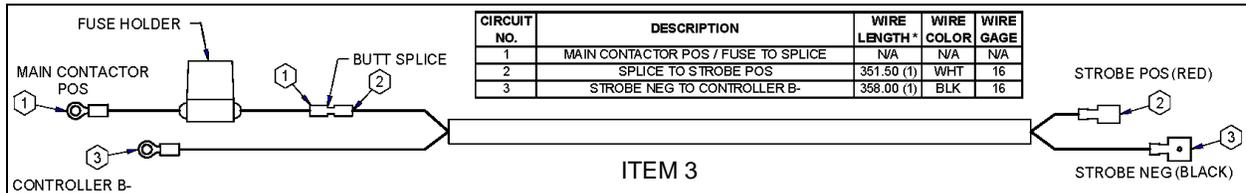
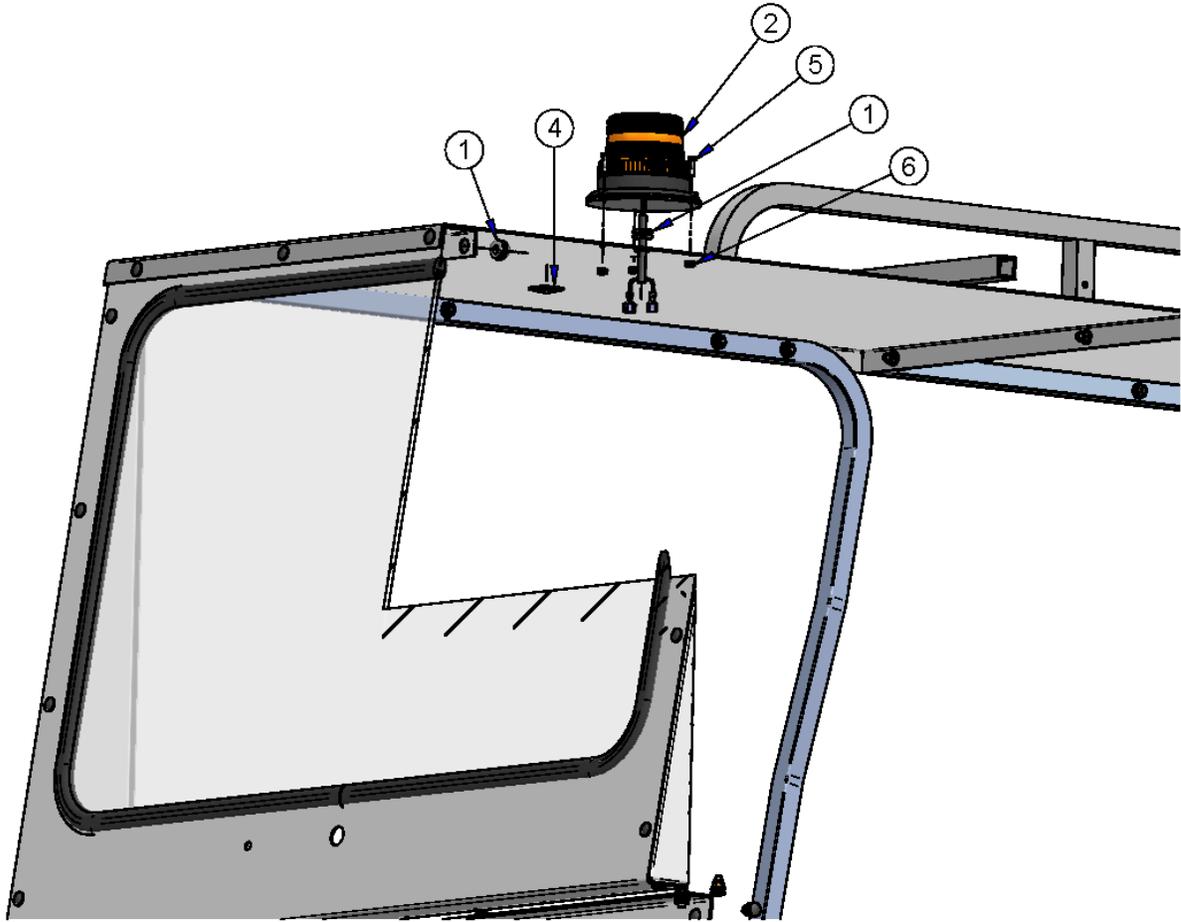


**FULL LENGTH ROOF W/RACK- BC-L (Cont.)**

ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	*	OVERHEAD RACK	1	311556B
2	*	BLACK, ROOF PANEL, TOP	1	312256B
3	*	LH MID UPRIGHT, TOP	1	312257
4	*	RH MID UPRIGHT, TOP	1	312258
5	*	BLACK, EXT ROOF PANEL, TOP	1	312259B
6	*	POWDERCOATED BRACKET CAB FRONT	1	511225W
7	*	WHITE, FRONT PANEL, TOP	1	515911W
8	*	WHITE, RH PANEL, TOP	1	515912W
9	*	WHITE, LH PANEL, TOP	1	515913W
10	*	BRACKET, REAR UPRIGHT, TOP	2	515918
11	*	TUBE, REAR UPRIGHT, TOP	2	515919
12	*	TUBE, EXT ROOF, TOP	2	515921
13		BRACKET RACK	2	515922
14		BRACKET TOP SUPPORT RH	1	516235
15		BRACKET TOP SUPPORT LH	1	516236
16	58901-11	WEATHER STRIPPING, SELF-SEALING, 126" LONG	1	719163
17	11432	CAPLUG, FP-161, 1" SQ X .120 WALL	4	719525
18	11433	CAPLUG, FP-165, 1" SQ X .063 WALL	8	719526
19	4086	SCREW, 5/16-18 X 3.00" LG HEX CAP HD	4	719654
20	5207-BS	SCREW, 5/16-18 X2 PPH M/S	12	719730
21	52329-85	WASHER FLAT BLK DELRIN .375X1.5X.5	4	719737
22	5405-B	CARRIAGE BOLT 1/4-20 X 3/4 GR 5 HC-BK	33	719747
23	5449-BS	SCREW, 5/16-1/ X 1-1/2 CARRIAGE, GR 5, PLTD	16	719750
24	5452-BS	BOLT, 5/16-18 X 5/8, CARRIAGE, GRADE 5	14	719751
25	6702-B	WASHER,5/16	24	719810
26	6703-B	WASHER,1/4,SAE,F/W,BLK MAX	33	719811
27	7686	NUT, 1/4-20, NYLOCK, GA, YWZC	33	719879
28	7739	NUT,5/16-18,L/N,NYLOK,NE,GA, BLKMAX	8	719892
29	7750	LOCKNUT, 5/16-18 HX FLNG 2-WAY CNTR	38	719897
30	58022-12	WINDSHIELD GLASS	1	760450
-	89007-14	KIT, FULL TOP WITH RACK (Includes above)	1	192753U

\* SPECIAL ORDER

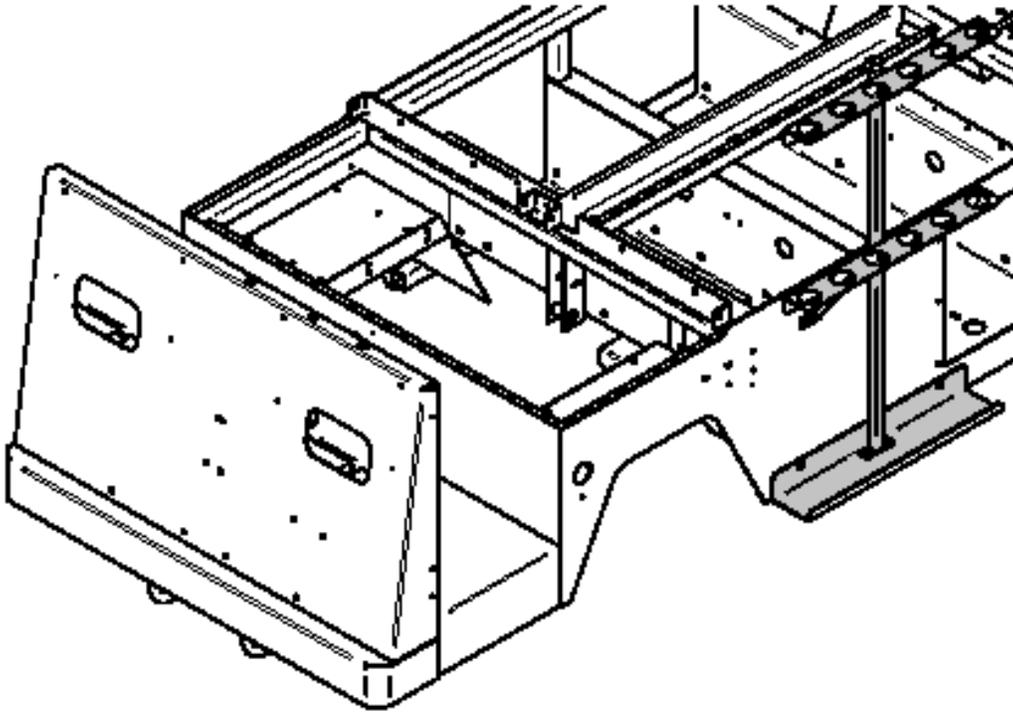
## ROOF PANEL AMBER STROBE- BC



ITEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	11416	GROMMET, 3/8 X 7/8 2	2	719522
2	68029-06	STROBE LIGHT (AMBER)	1	467408
3	69258-13	HARNESS, CAB STROBE LIGHT	1	467410
4	10020	CABLE TIE MOUNTING BRACKET 4A	3	719503
5	2339	SCREW, #10-24 X 3/4" HEX HD MACH	3	719551
6	7625	NUT 10-24 GR A NM MACH NYLON LOCK	3	719870
7*	3380	CLAMP, 5/8" NYLON BLACK HEYCO 3380	4	719604
8*	24010-ZZ	LOOM, .413 X .594, SPLIT	2.5'	719557
9	67705-14	KIT, ROOF PANEL AMBER STROBE (Includes above items)	1	192758U

\* NOT SHOWN

## SIDE TOOL RACK- BC



TEM	CPC P/N	DESCRIPTION	QTY	SEATS P/N
1	N/A	SIDE TOOL RACK - Special Order SP 1323	1	N/A

NOTE: Installation instructions for this assembly is located on the ParCar web site.



**Columbia ParCar Corp.**

1115 Commercial Avenue • Reedsburg, WI 53959  
Phone: (608) 524-8888 • Fax: (608) 524-8380  
(800) 222-4653 • Web: [www.parcar.com](http://www.parcar.com)