



COLUMBIA

PAYLOADER

PARTS MANUAL APRIL 2019



PREFACE

Welcome, and congratulations on your choice of vehicle from Columbia Vehicle Group! 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 Vehicle Group 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.

Personal Transport Vehicles (PTV) 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.

Low Speed Vehicles (LSV) commonly referred to as NEV or Neighborhood Electric Vehicles meet the requirements of the National Highway Traffic & Safety Administration (NHTSA) as stated in the Code of Federal Regulations, Title 49, Part 571, Standard 500, Low Speed Vehicles.

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NOTE: Items with * in tables indicates parts not shown in drawing

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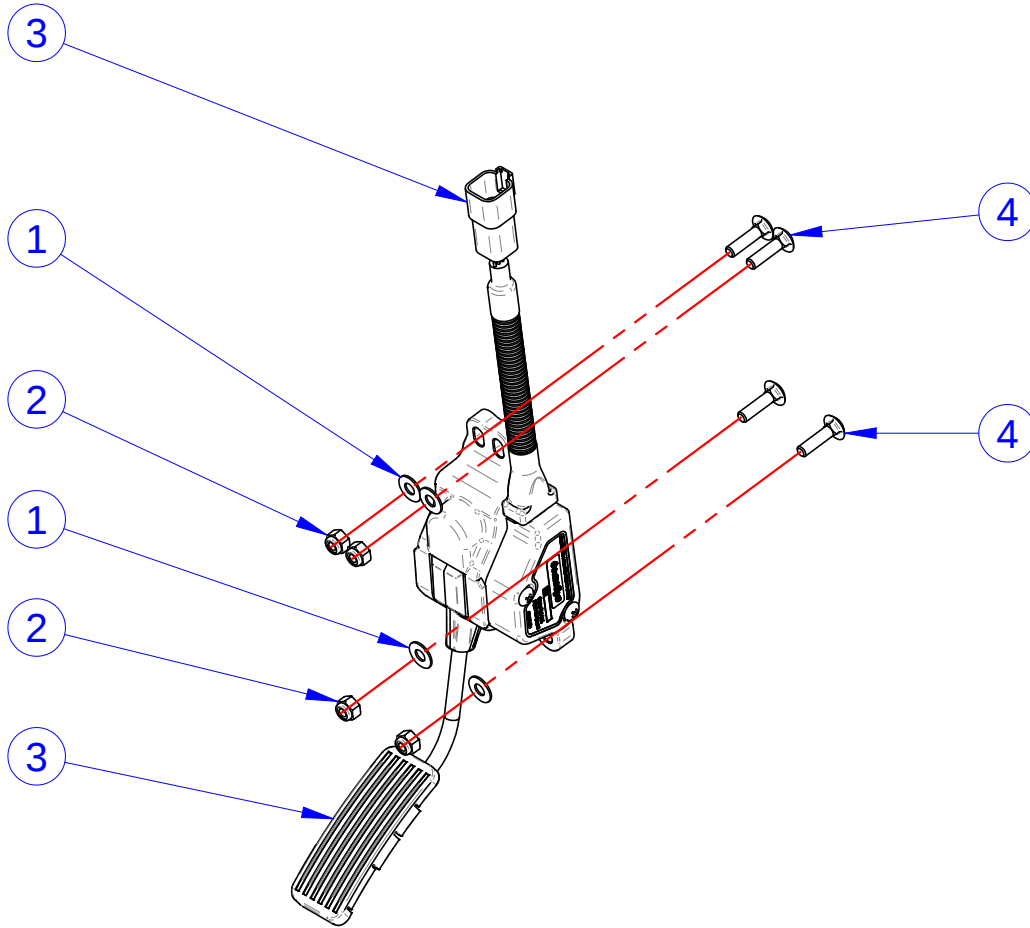
PARTS MANUAL

SECTION 1

BRAKES



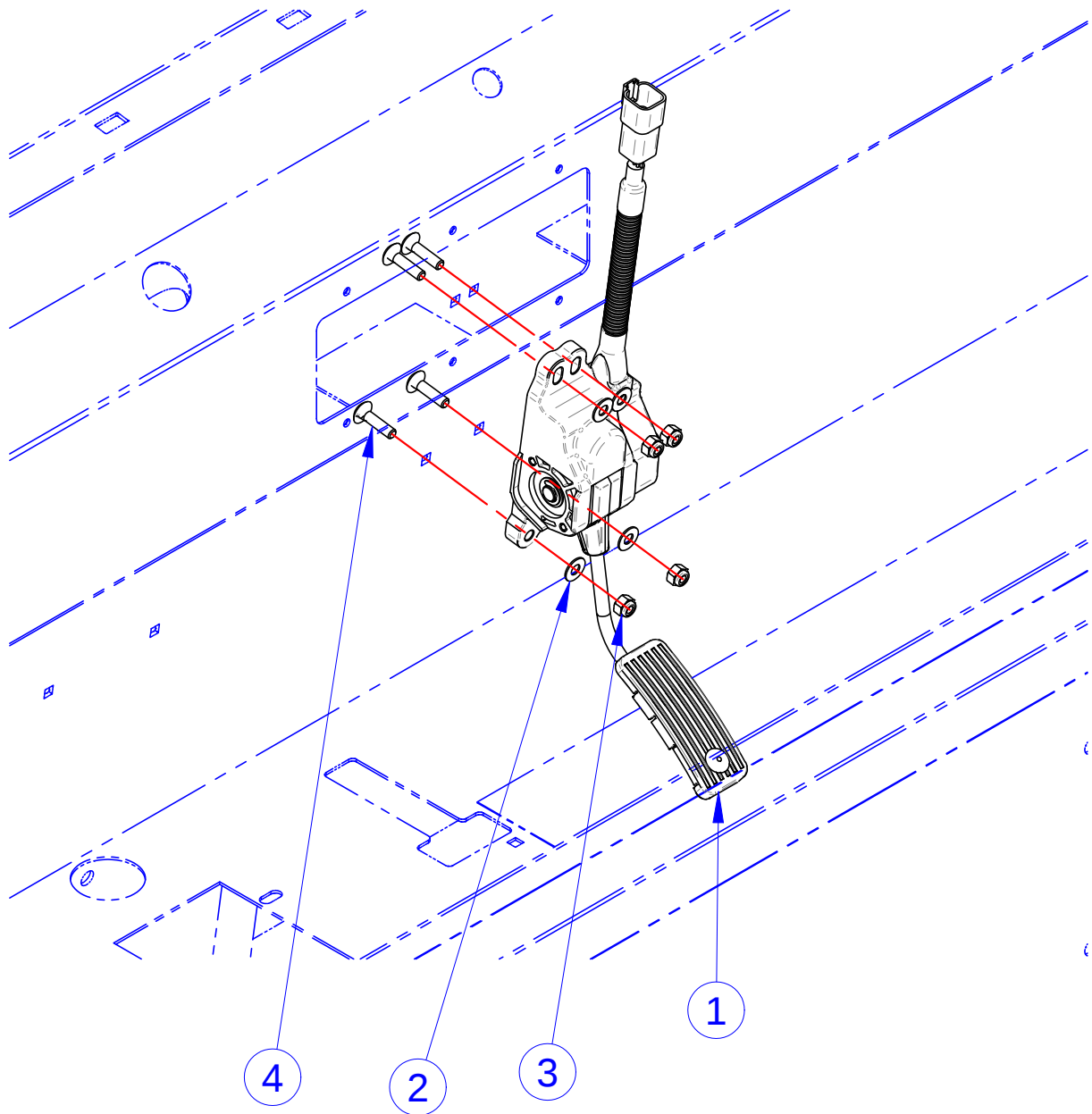
PEDAL ACCELERATOR



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG708511	WASHER, FLAT, 1/4", 18-8SS	4	708511
2	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	4	719876
3	CVG760635	PEDAL ASSY, ACCEL	1	760635
4	CVG782803	SCREW, 1/4-20X1, CARR, 18-8 SS	4	782803

NOTE: Items with * in tables indicates parts not shown in drawing

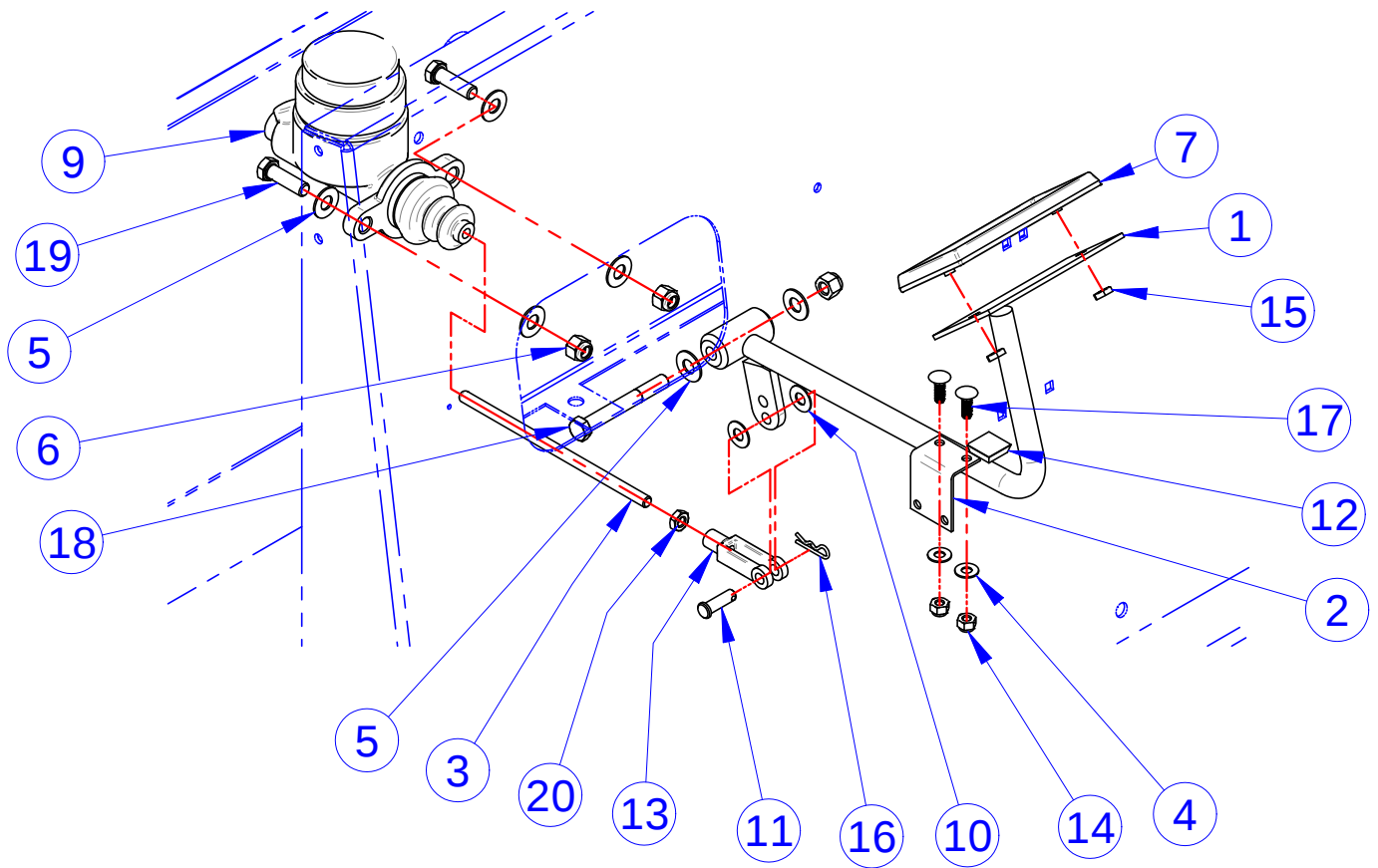
ACCELERATOR PEDAL



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG468031	ASSY, PEDAL ACLTR DEVISE	1	468031
2	CVG708511	WASHER, FLAT, 1/4", 18-8SS	4	708511
3	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	4	719876
4	CVG782803	SCREW, 1/4-20X1, CARR, 18-8 SS	4	782803

NOTE: Items with * in tables indicates parts not shown in drawing

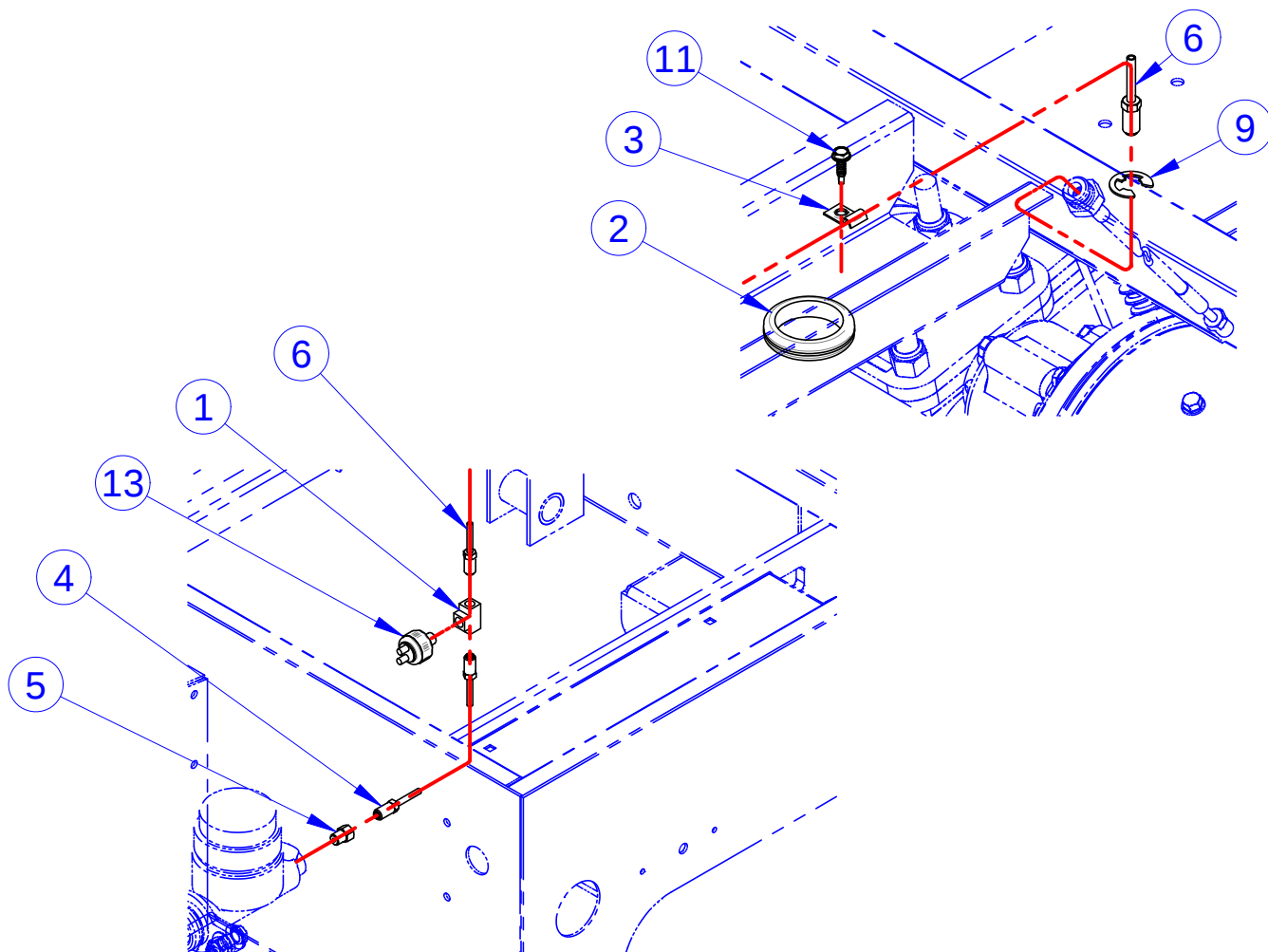
BRAKE PEDAL



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG310828	WLDMT, BC BRAKE PEDAL	1	310828
2	CVG510372	BRAKE SPR RETURN MTG. BRKT.	1	510372
3	CVG510408	ROD - LEVER ASSY TO MASTER CYLINDER	1	510408
4	CVG708511	WASHER, FLAT, 1/4", 18-8SS	2	708511
5	CVG708859	WASHER, 3/8, STD, FW, 18-8SS	6	708859
6	CVG708860	NUT, 3/8-16, L/N, NYL, NE, 18-8, S/S	3	708860
7	CVG709048	PAD, BRAKE PEDAL "STOP"	1	709048
8*	CVG709745	SPRING, BRAKE RETURN, 3/4X5	1	709745
9	CVG468123	P&A, BC4 MASTER CYLINDER	1	468123
	CVG709780	MASTER CYLINDER, BC	1	709780
10	CVG719375	WSHR, 5/16X0.75X0.040, FW, 18-8S/S	2	719375
11	CVG719709	PIN, 5/16X1, CLEVIS, ZC	1	719709
12	CVG719738	BUMPER BLACK 3M#SJ5023	1	719738
13	CVG719852	CLEVIS, #52, 5/16-24, ADJ YOKE END, ZC	1	719852
14	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	2	719876
15	CVG719922	NUT SELF-THR BLK ZINC PALNUT SR250	2	719922
16	CVG781700	HAIR PIN CLIP, #13, SS	1	781700
17	CVG781739	SCR, 1/4-20 X 0.75, CARR, 18-8, S/S	2	781739
18	CVG782713	SCR, 3/8-16 X 3, HHCS, 18-8, S/S	1	782713
19	CVG782787	SCREW, 3/8-16X1.25, HHCS, 18-8SS	2	782787
20	CVG782790	NUT, 5/16-24, JAM, 18-8SS	1	782790

NOTE: Items with * in tables indicates parts not shown in drawing

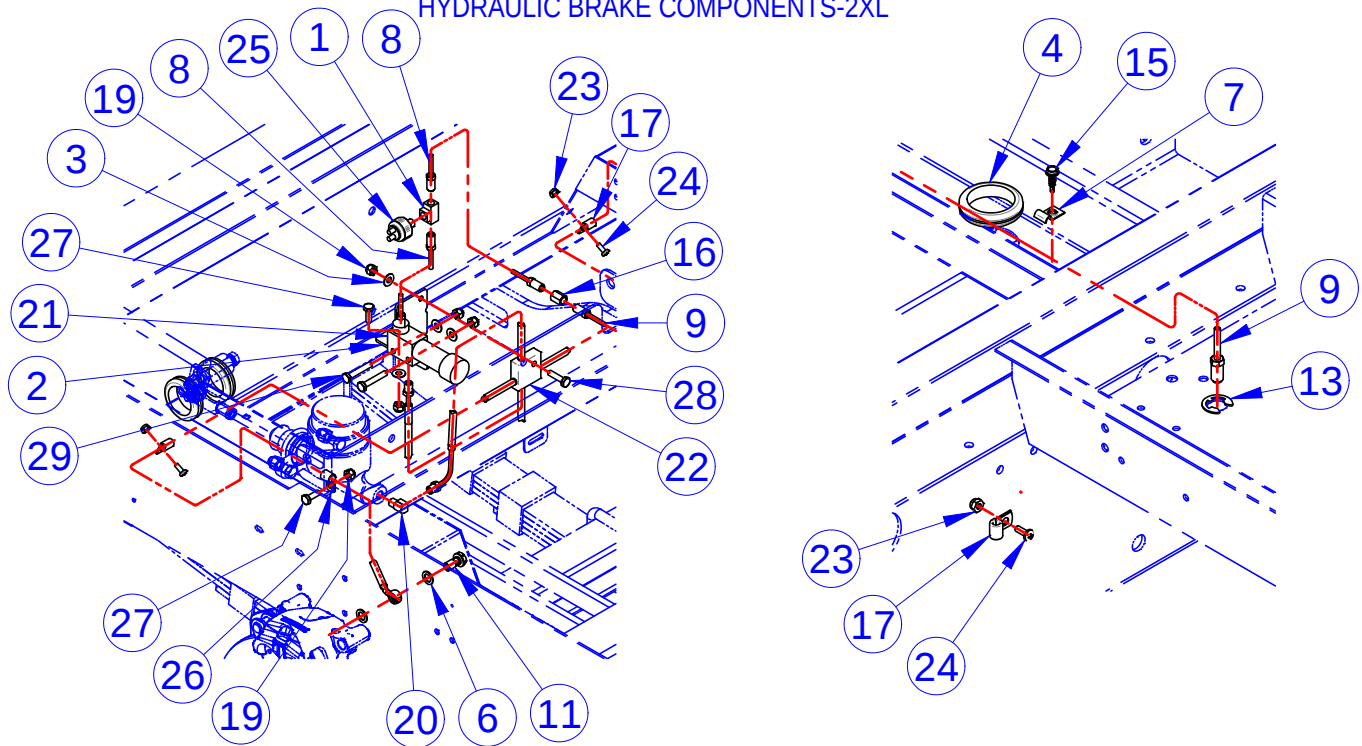
HYDRUALIC REAR BRAKES 2XL



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG508959	CONNECTOR, 3-WAY SWITCH	1	508959
2	CVG709346	GROMMET, 1-1/2"ID, 1/16"X1-3/4" HOLE	3	709346
3	CVG709409	PIPE STRAP	3	709409
4	CVG709607	BRAKE LINE, 3/16 X 12	1	709607
5	CVG709618	CONNECTOR, BRASS, 3-1/2 MALE	1	709618
6	CVG709727	BRAKE LINE, 3/16 X 60	1	709727
7*	CVG719355	MOLDING, BLACK	1	719355
8*	CVG719433	LOOM, .625"XSLIT,POLY,BLACK	0.67	719433
9	CVG719516	E-RING, .625 PHOS	1	719516
10*	CVG719523	GROMMET, 1-1/2"ID, 3/16"X1-3/4" HOLE	2	719523
11	CVG719583	SCREW,10-16X3/4,HWH,TEK,MAG525	3	719583
12*	CVG719831	TERMINAL 16/14 INS .156 FEM BULLET	2	719831
13	CVG761789	SWITCH, BRAKE LIGHT, HYD	1	761789

NOTE: Items with * in tables indicates parts not shown in drawing

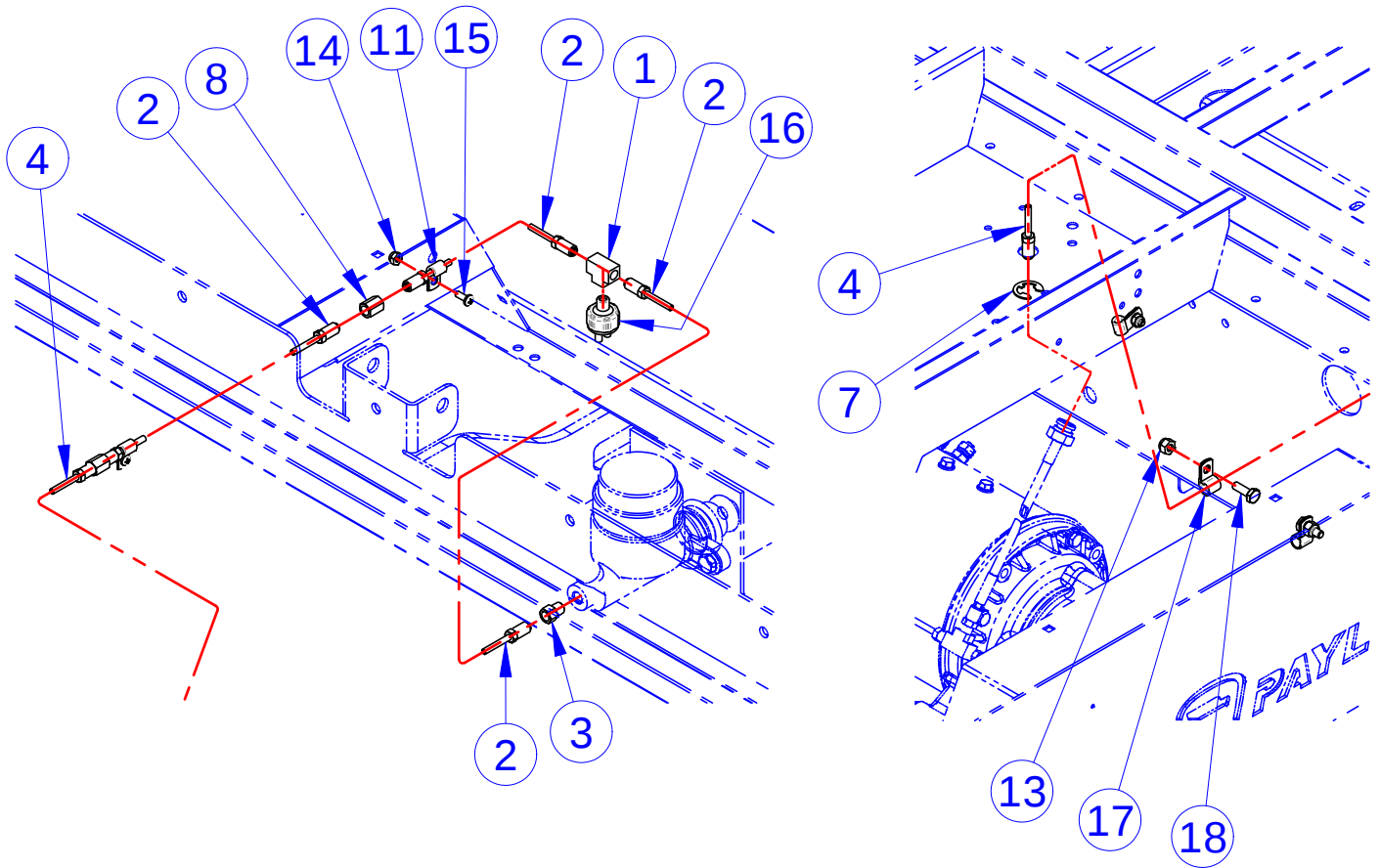
HYDRAULIC BRAKE COMPONENTS-2XL



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG508959	CONNECTOR, 3-WAY SWITCH	1	508959
2	CVG516897	BC BRAKE BRKT	1	516897
3	CVG708511	WASHER, FLAT, 1/4", 18-8SS	4	708511
4	CVG709346	GROMMET, 1-1/2"ID, 1/16"X1-3/4" HOLE	3	709346
5*	CVG709377	UNION TEE, 3/16", HYD BRAKE TUBE	1	709377
6	CVG709387	GASKET-BRAKE FITTING, COPPER	4	709387
7	CVG709409	PIPE STRAP	2	709409
8	CVG709607	BRAKE LINE, 3/16 X 12	2	709607
9	CVG709727	BRAKE LINE, 3/16 X 60	1	709727
10*	CVG719355	MOLDING, BLACK	1	719355
11	CVG719423	BOLT, BANJO, M10 X 1.25 X 20 MM	2	719423
12*	CVG719433	LOOM, .625"XSLIT, POLY, BLACK	0.67	719433
13	CVG719516	E-RING, .625 PHOS	1	719516
14*	CVG719523	GROMMET, 1-1/2"ID, 3/16"X1-3/4" HOLE	2	719523
15	CVG719583	SCREW, 10-16X3/4, HWH, TEK, MAG525	2	719583
16	CVG719657	FLARE, UNION INVERTED 3/16	1	719657
17	CVG719756	CLAMP, 1/4", STL TUBE, VINYL CUSHION	6	719756
18*	CVG719831	TERMINAL 16/14 INS .156 FEM BULLET	2	719831
19	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	6	719876
20	CVG729907	ELBOW, #402X3, HEAVY WALL, MALE	1	729907
21	CVG761056	VALVE, PROPORTIONING, BRAKE	1	761056
22	CVG761262	HARNESS, BRAKE, FRONT, SU5	1	761262
23	CVG761631	NUT, #10-24 GRD 18-8 NM SS NYLOCK	6	761631
24	CVG761632	SCREW, #10-24X1/2" PPH GRD 18-8 SS	6	761632
25	CVG761789	SWITCH, BRAKE LIGHT, HYD	1	761789
26	CVG782210	CLAMP, 3/8, STL TUBE, VINYL CUSHION	2	782210
27	CVG782784	SCREW, 1/4-20X3/4, HHCS, 18-8SS	3	782784
28	CVG782785	SCREW, 1/4-20X1.0, HHCS, 18-8SS	1	782785
29	CVG782792	SCREW, 1/4-20 X 1 1/2" HEX CAP SS 18-S	2	782792

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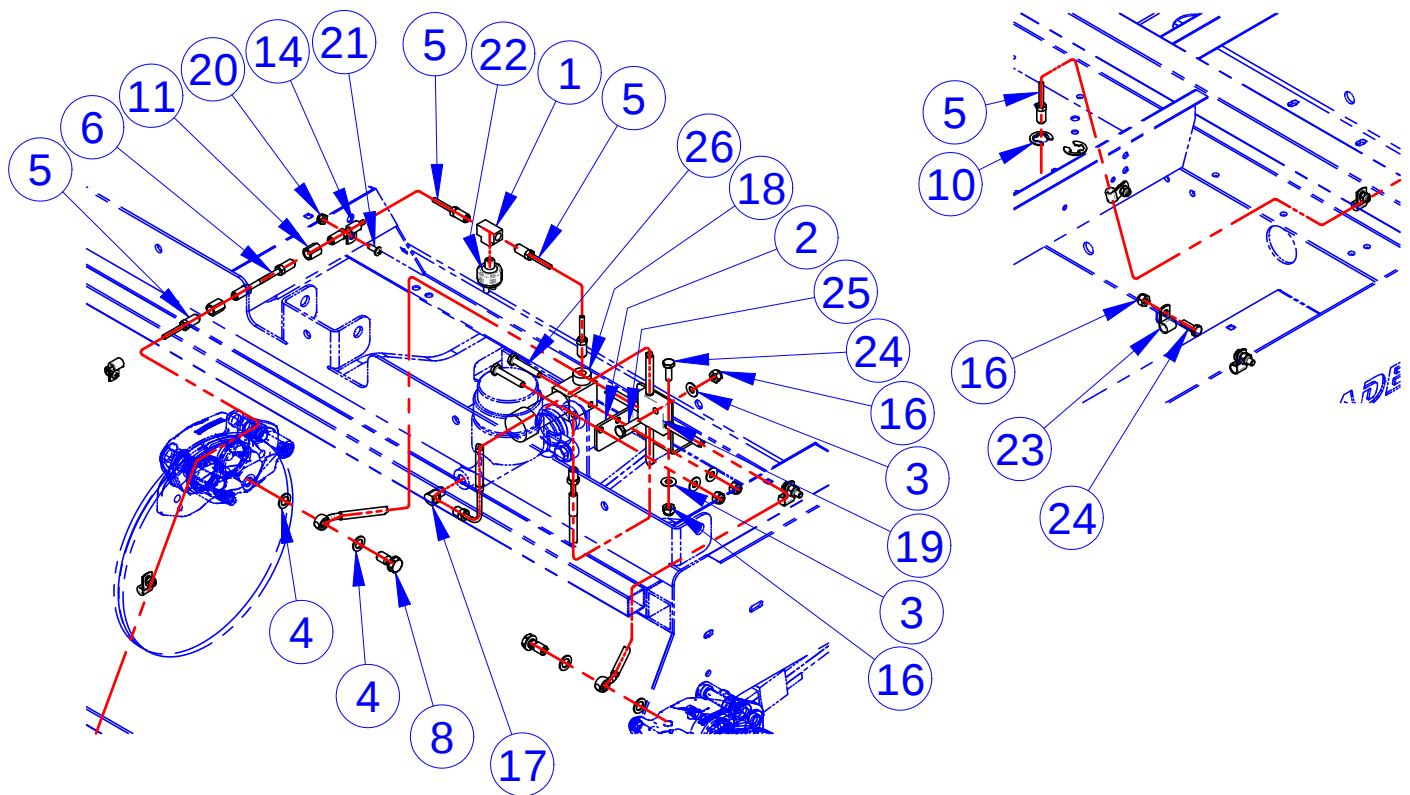
HYDRAULIC BRAKE COMPONENTS-4X



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG508959	CONNECTOR, 3-WAY SWITCH	1	508959
2	CVG709607	BRAKE LINE, 3/16 X 12	3	709607
3	CVG709618	CONNECTOR, BRASS, 3-1/2 MALE	1	709618
4	CVG709727	BRAKE LINE, 3/16 X 60	1	709727
5*	CVG719355	MOLDING, BLACK	1.00	719355
6*	CVG719433	LOOM,.625"XSLIT,POLY,BLACK	0.67	719433
7	CVG719516	E-RING, .625 PHOS	1	719516
8	CVG719657	FLARE, UNION INVERTED 3/16	2	719657
9*	CVG719690	WIRE, 10GA, BLACK	7.00	719690
10*	CVG719691	WIRE, 10GA, RED	3.50	719691
11	CVG719756	CLAMP,1/4",STL TUBE,VINYL CUSHION	7	719756
12*	CVG719831	TERMINAL 16/14 INS .156 FEM BULLET	2	719831
13	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	2	719876
14	CVG761631	NUT, #10-24 GRD 18-8 NM SS NYLOCK	7	761631
15	CVG761632	SCREW, #10-24X1/2" PPH GRD 18-8 SS	7	761632
16	CVG761789	SWITCH, BRAKE LIGHT, HYD	1	761789
17	CVG782210	CLAMP, 3/8, STL TUBE, VINYL CUSHION	2	782210
18	CVG782784	SCREW,1/4-20X3/4,HHCS,18-8SS	2	782784

NOTE: Items with * in tables indicates parts not shown in drawing

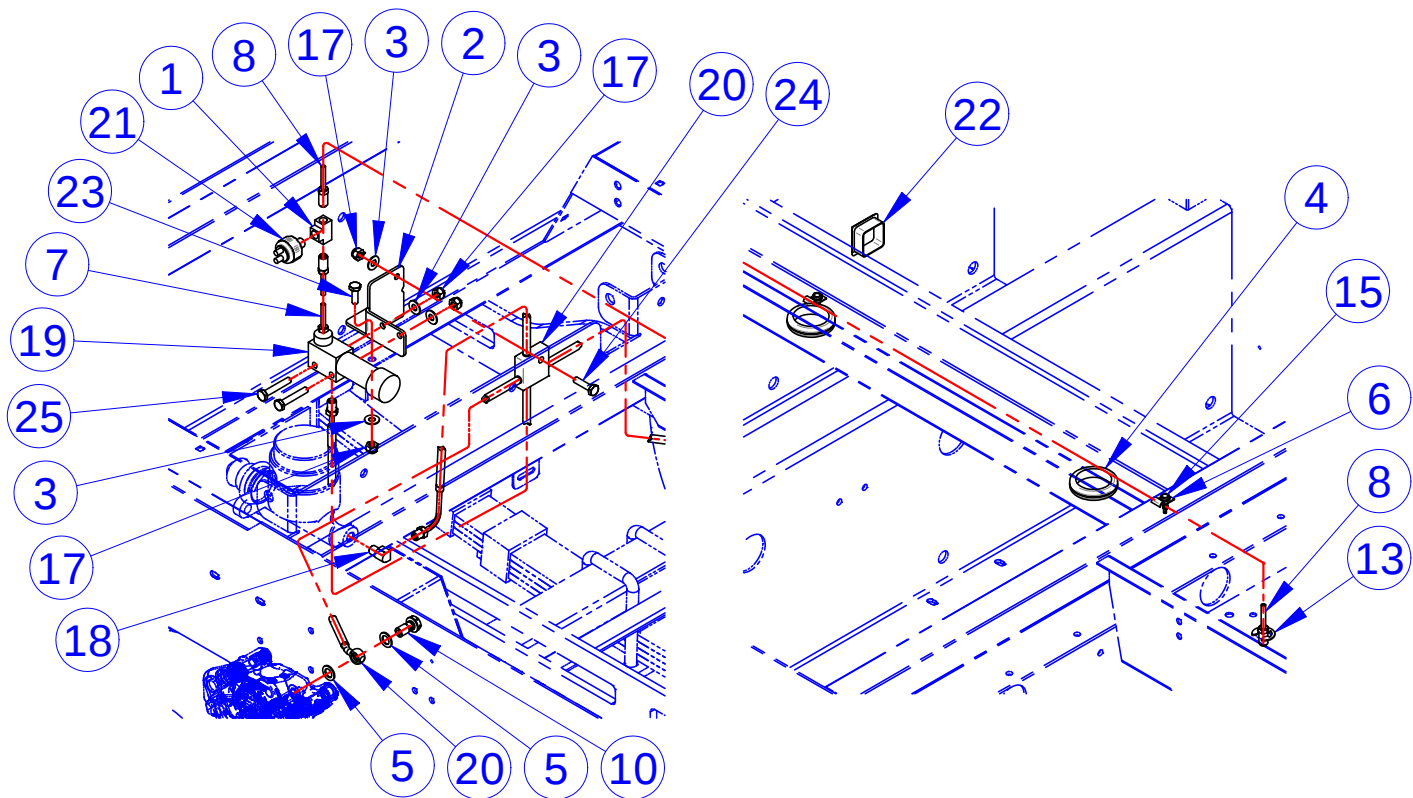
HYDRAULIC BRAKE COMPONENTS-4X



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG508959	CONNECTOR, 3-WAY SWITCH	1	508959
2	CVG516897	BC BRAKE BRKT	1	516897
3	CVG708511	WASHER, FLAT, 1/4", 18-8SS	4	708511
4	CVG709387	GASKET-BRAKE FITTING, COPPER	4	709387
5	CVG709607	BRAKE LINE, 3/16 X 12	3	709607
6	CVG709727	BRAKE LINE, 3/16 X 60	1	709727
7*	CVG719355	MOLDING, BLACK	1.75	719355
8	CVG719423	BOLT, BANJO, M10 X 1.25 X 20 MM	2	719423
9*	CVG719433	LOOM,.625"XSLIT,POLY,BLACK	0.67	719433
10	CVG719516	E-RING, .625 PHOS	2	719516
11	CVG719657	FLARE, UNION INVERTED 3/16	2	719657
12*	CVG719690	WIRE, 10GA, BLACK	7.00	719690
13*	CVG719691	WIRE, 10GA, RED	3.50	719691
14	CVG719756	CLAMP,1/4",STL TUBE,VINYL CUSHION	7	719756
15*	CVG719831	TERMINAL 16/14 INS .156 FEM BULLET	2	719831
16	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	7	719876
17	CVG729907	ELBOW,#402X3,HEAVY WALL,MALE	1	729907
18	CVG761056	VALVE, PROPORTIONING,BRAKE	1	761056
19	CVG761262	HARNESS, BRAKE, FRONT, SU5	1	761262
20	CVG761631	NUT, #10-24 GRD 18-8 NM SS NYLOCK	7	761631
21	CVG761632	SCREW, #10-24X1/2" PPH GRD 18-8 SS	7	761632
22	CVG761789	SWITCH, BRAKE LIGHT, HYD	1	761789
23	CVG782210	CLAMP, 3/8, STL TUBE, VINYL CUSHION	3	782210
24	CVG782784	SCREW,1/4-20X3/4,HHCS,18-8SS	4	782784
25	CVG782785	SCREW,1/4-20X1.0,HHCS,18-8SS	1	782785
26	CVG782792	SCREW, 1/4-20 X 1 1/2" HEX CAP SS 18-S	2	782792

NOTE: Items with * in tables indicates parts not shown in drawing

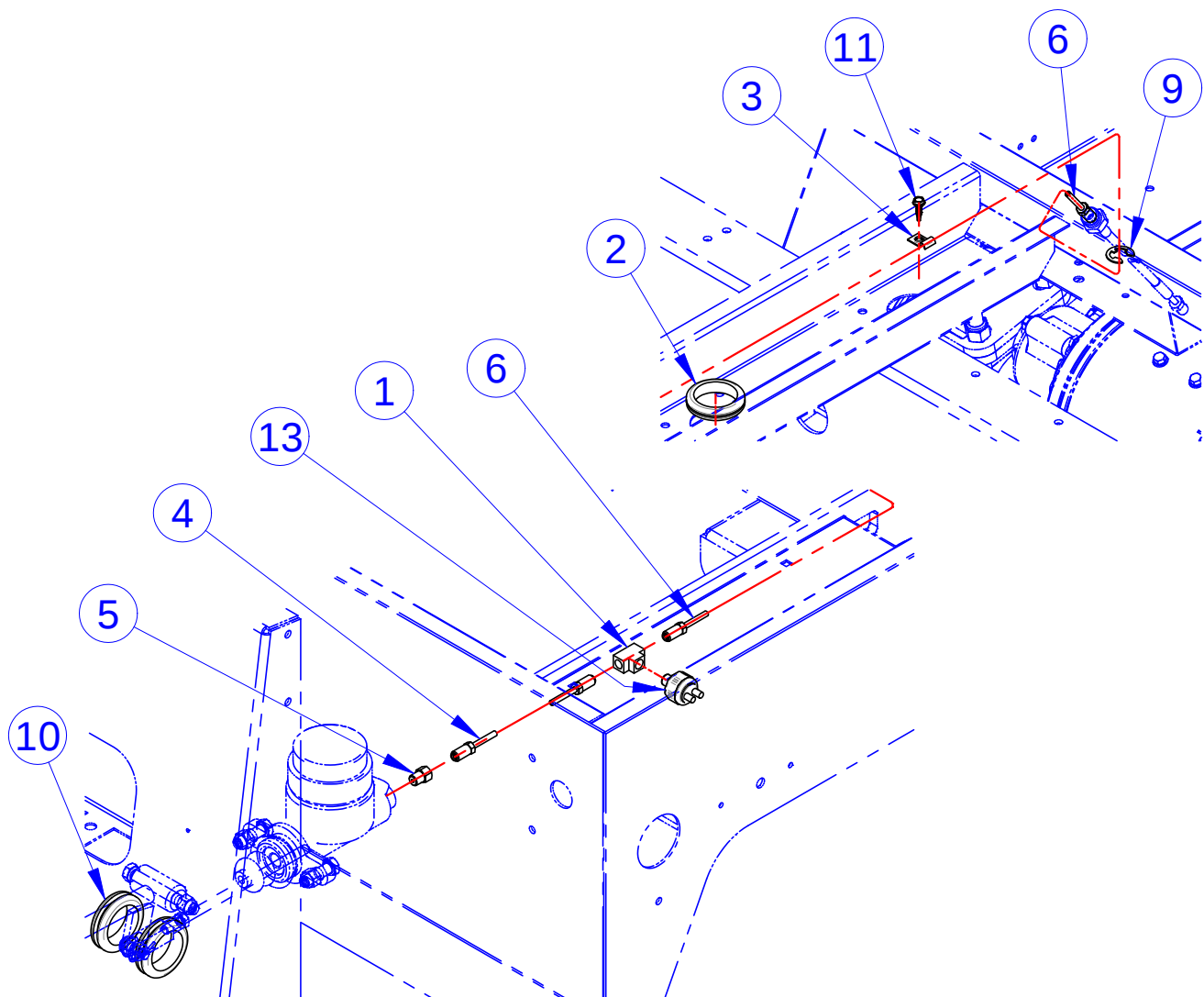
HYDRAULIC BRAKE COMPONENTS-2X



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG508959	CONNECTOR, 3-WAY SWITCH	1	508959
2	CVG516897	BC BRAKE BRKT	1	516897
3	CVG708511	WASHER, FLAT, 1/4", 18-8SS	4	708511
4	CVG709346	GROMMET, 1-1/2"ID, 1/16"X1-3/4" HOLE	3	709346
5	CVG709387	GASKET-BRAKE FITTING, COPPER	4	709387
6	CVG709409	PIPE STRAP	2	709409
7	CVG709607	BRAKE LINE, 3/16 X 12	1	709607
8	CVG709727	BRAKE LINE, 3/16 X 60	1	709727
9*	CVG719355	MOLDING, BLACK	1.75	719355
10	CVG719423	BOLT, BANJO, M10 X 1.25 X 20 MM	2	719423
11*	CVG719433	LOOM,.625"XSLIT,POLY,BLACK	0.67	719433
12*	CVG719504	CABLE TIE,BLACK,.18X11-3/4,STD,50LB	19	719504
13	CVG719516	E-RING, .625 PHOS	2	719516
14*	CVG719523	GROMMET, 1-1/2"ID, 3/16"X1-3/4" HOLE	2	719523
15	CVG719583	SCREW,10-16X3/4,HWH,TEK,MAG525	2	719583
16*	CVG719831	TERMINAL 16/14 INS .156 FEM BULLET	2	719831
17	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	4	719876
18	CVG729907	ELBOW,#402X3,HEAVY WALL,MALE	1	729907
19	CVG761056	VALVE, PROPORTIONING,BRAKE	1	761056
20	CVG761262	HARNESS, BRAKE, FRONT, SU5	1	761262
21	CVG761789	SWITCH, BRAKE LIGHT, HYD	1	761789
22	CVG781502	PLUG, 1-1/2" SQ X 11GA	4	781502
23	CVG782784	SCREW,1/4-20X3/4,HHCS,18-8SS	1	782784
24	CVG782785	SCREW,1/4-20X1.0,HHCS,18-8SS	1	782785
25	CVG782792	SCREW, 1/4-20 X 1 1/2" HEX CAP SS 18-S	2	782792

NOTE: Items with * in tables indicates parts not shown in drawing

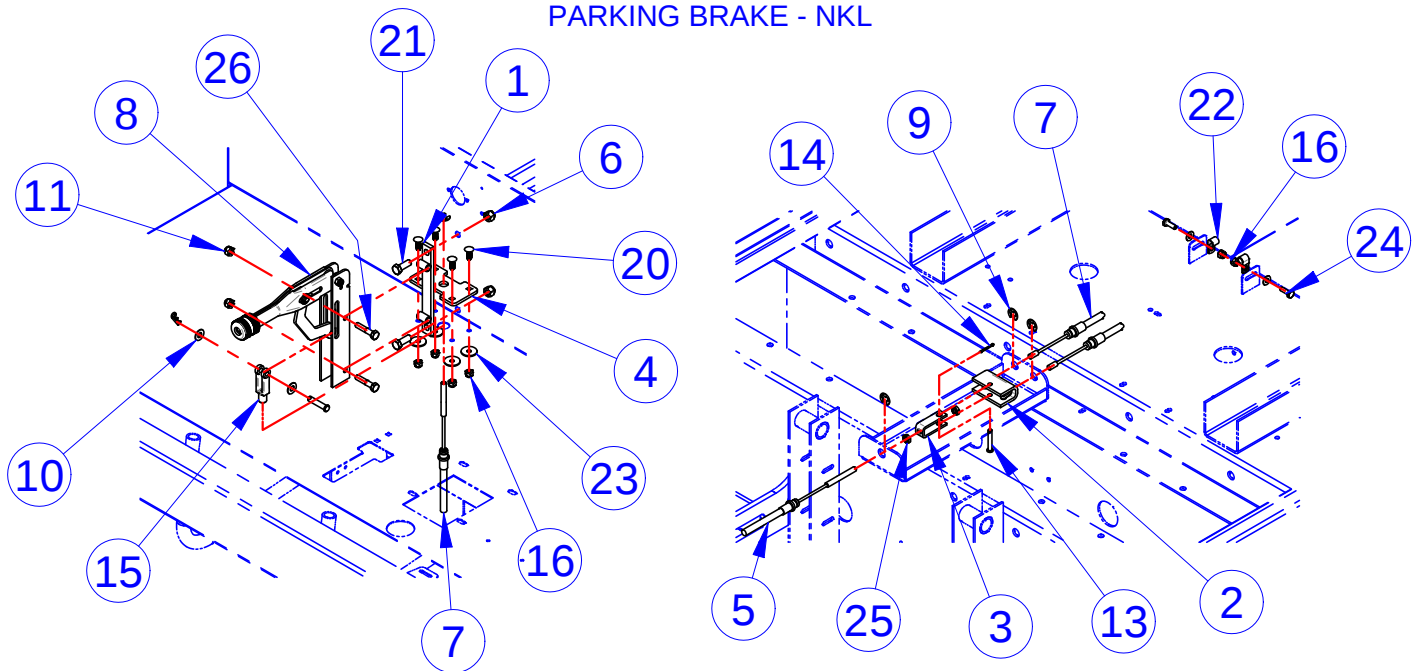
HYDRUALIC BRAKES



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG508959	CONNECTOR, 3-WAY SWITCH	1	508959
2	CVG709346	GROMMET, 1-1/2"ID, 1/16"X1-3/4" HOLE	2	709346
3	CVG709409	PIPE STRAP	2	709409
4	CVG709601	BRAKE LINE, 3/16 X 8	1	709601
5	CVG709618	CONNECTOR, BRASS, 3-1/2 MALE	1	709618
6	CVG709727	BRAKE LINE, 3/16 X 60	1	709727
7*	CVG719355	MOLDING, BLACK	1	719355
8*	CVG719433	LOOM, .625"XSLIT,POLY,BLACK	0.67	719433
9	CVG719516	E-RING, .625 PHOS	1	719516
10	CVG719523	GROMMET, 1-1/2"ID, 3/16"X1-3/4" HOLE	2	719523
11	CVG719583	SCREW,10-16X3/4,HWH,TEK,MAG525	2	719583
12*	CVG719831	TERMINAL 16/14 INS .156 FEM BULLET	2	719831
13	CVG761789	SWITCH, BRAKE LIGHT, HYD	1	761789

NOTE: Items with * in tables indicates parts not shown in drawing

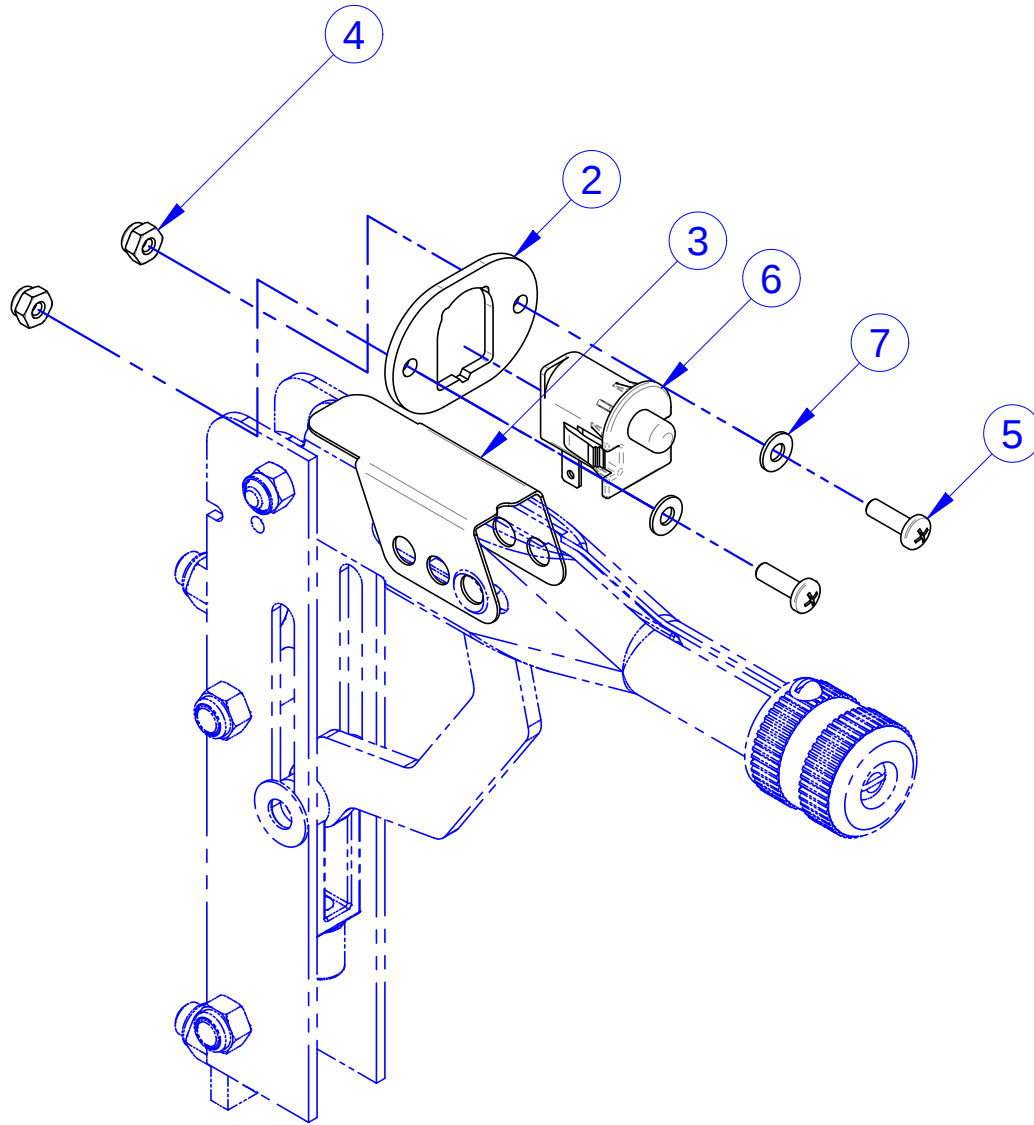
PARKING BRAKE - NKL



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-26	CVG192448U	P&A KIT, GRP PARKING BRK, NKL, PL	KIT	192448
1	CVG306105	HAND BRAKE MTG. BRKT. ASSY.	1	306105
2	CVG509154PL	PLATED, BRAKE EQUALIZER	1	509154PL
3	CVG509240	CLEVIS-535	1	509240
4	CVG516714	BC PRK BRK PLATE	1	516714
5*	CVG708511	WASHER, FLAT, 1/4", 18-8SS	2	708511
6	CVG708860	NUT, 3/8-16, L/N, NYL, NE, 18-8, S/S	2	708860
7	CVG709375	BRAKE CABLE, 46.56"	1	709375
8	CVG709750	PARKING HAND BRAKE LEVER ASSY	1	709750
9	CVG709818	CABLE, BRAKE, 42" W/ E-CLIP	2	709818
	CVG709819	CABLE, BRAKE, 51"	2	709819
10	CVG719375	WSHR, 5/16X0.750X0.040, F/W, 18-8S/S	2	719375
11	CVG719377	NUT, 5/16-18, L/N, NYL, NE, 18-8SS	2	719377
12*	CVG719709	PIN, 5/16X1, CLEVIS, ZC	2	719709
13	CVG719715	PIN, 1/4X1-1/2, CLEVIS, BLK150	1	719715
14	CVG719743	PIN, 5/64X1, 18-8SS, COTTER, BLKZC	1	719743
15	CVG719852	CLEVIS, #52, 5/16-24, ADJ YOKE END, ZC	1	719852
16	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	6	719876
17*	CVG761003	SPRT, BRAKE LINE	1	761003
18*	CVG761635	PIN, 1/8X1, COTTER, 18-8 SS	2	761635
19*	CVG781694	NUT, 5/16-18 HEX, FLANGE, SERR, S/S	2	781694
20	CVG781739	SCR, 1/4-20 X 0.75, CARR, 18-8, S/S	4	781739
21	CVG781786	SCR, 3/8-16 X 1, HHCS, 18-8SS	2	781786
22	CVG782210	CLAMP, 3/8, STL TUBE, VINYL CUSHION	2	782210
23	CVG782731	WSHR, 1/4 (M6) X 1.000 X 0.062, FENDER, 18-8, S/S	4	782731
24	CVG782784	SCREW, 1/4-20X3/4, HHCS, 18-8SS	2	782784
25	CVG782790	NUT, 5/16-24, JAM, 18-8SS	2	782790
26	CVG783116	SCR, 5/16-18 X 1.5, HCS, 18-8, SS	2	783116

NOTE: Items with * in tables indicates parts not shown in drawing

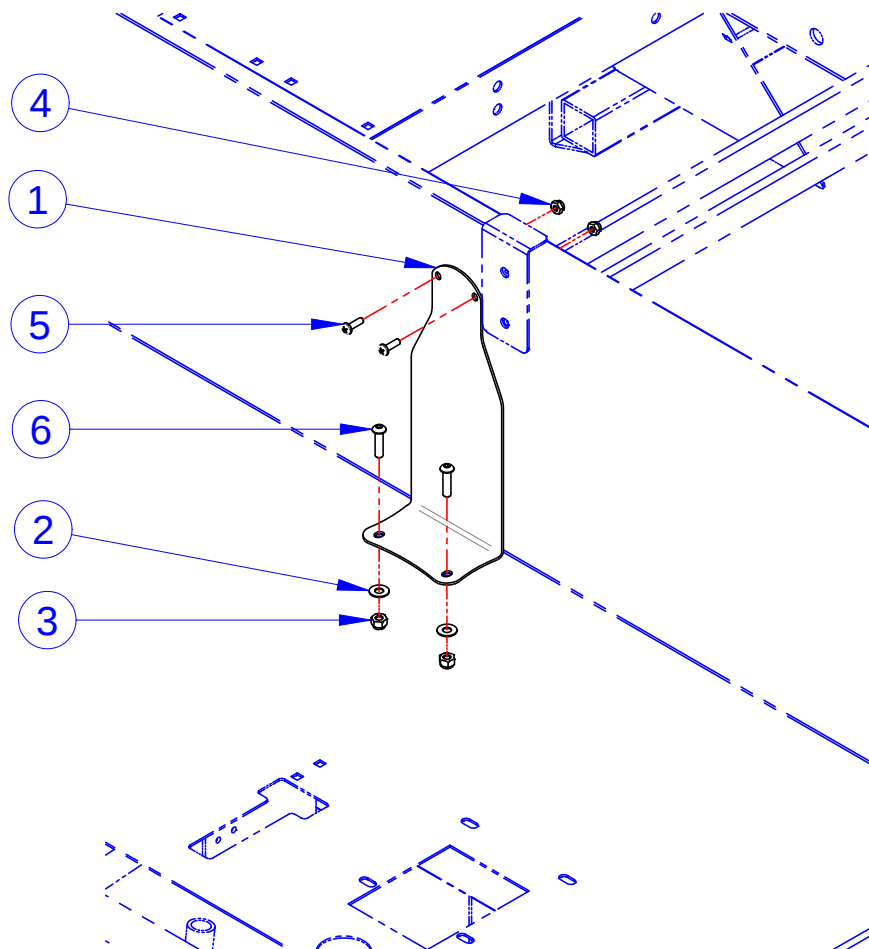
HANDBRAKE INTERLOCK SWITCH



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-7	CVG192712U	P&A, HANDBRAKE INTERLOCK, PL	KIT	192712A
1*	CVG468827	HARNESS, BC HNDBRK INTRLK SWITCH	1	468827
2	CVG515776	PLATE, HNDBRK SW	1	515776
3	CVG516638	BRKT, HNDBRK SW STOP	1	516638
4	CVG761631	NUT, #10-24 GRD 18-8 NM SS NYLOCK	2	761631
5	CVG761633	SCREW,10-24X5/8,PPHMS,18-8SS	2	761633
6	CVG781580	SWITCH,PLUNGER,DELTA,NC,6440-53	1	781580
7	CVG782722	WSHR, #10 X 0.438 X 0.031, F/W, 18-8SS	2	782722

NOTE: Items with * in tables indicates parts not shown in drawing

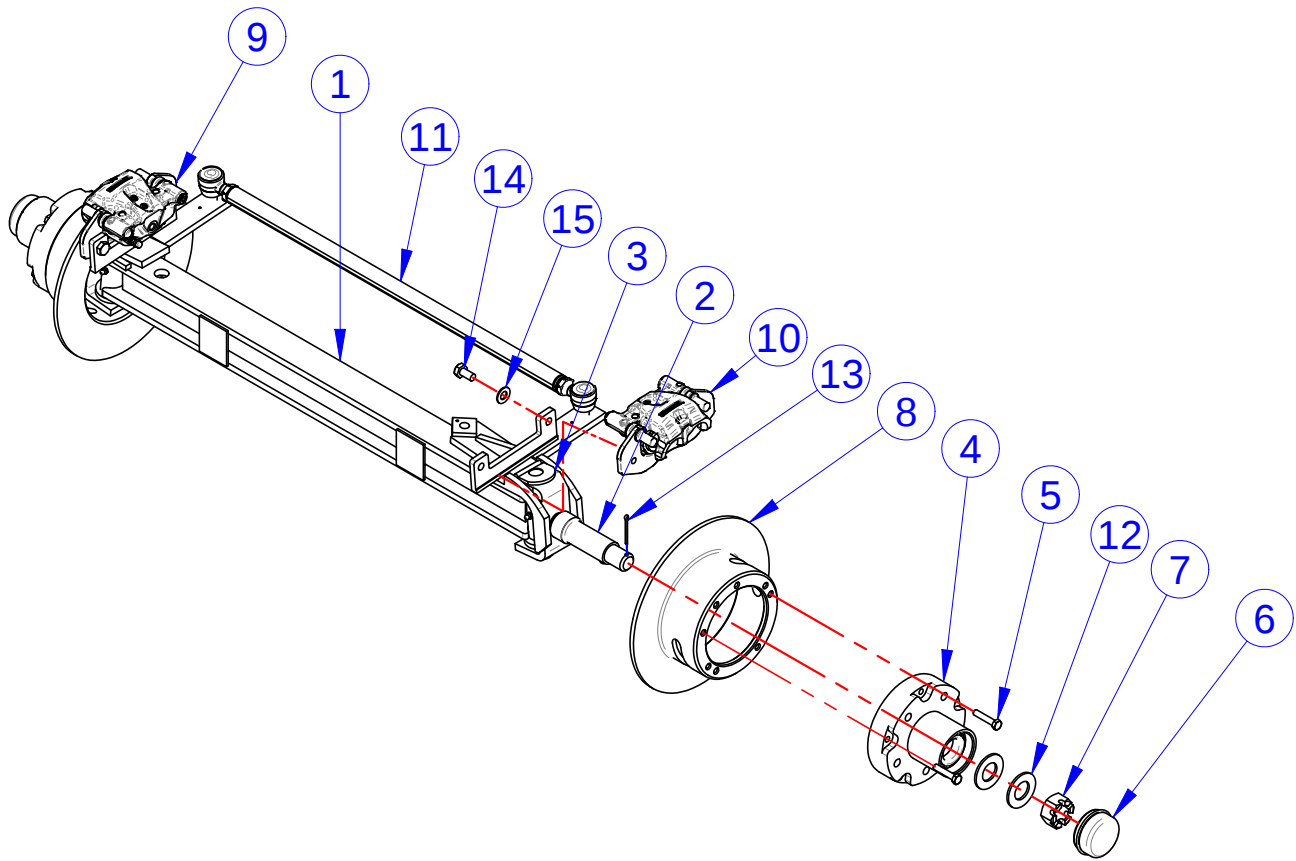
COVER, W/O HANDBRAKE



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG517476TB	AC PRK BRK COVER, PL	1	517476
2	CVG708511	WASHER, FLAT, 1/4", 18-8SS	2	708511
3	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	2	719876
4	CVG761631	NUT, #10-24 GRD 18-8 NM SS NYLOCK	2	761631
5	CVG761633	SCREW, 10-24X5/8, PPHMS, 18-8SS	2	761633
6	CVG782719	SCR, 1/4-20 X 1, BSHCS, 18-8, S/S	2	782719

NOTE: Items with * in tables indicates parts not shown in drawing

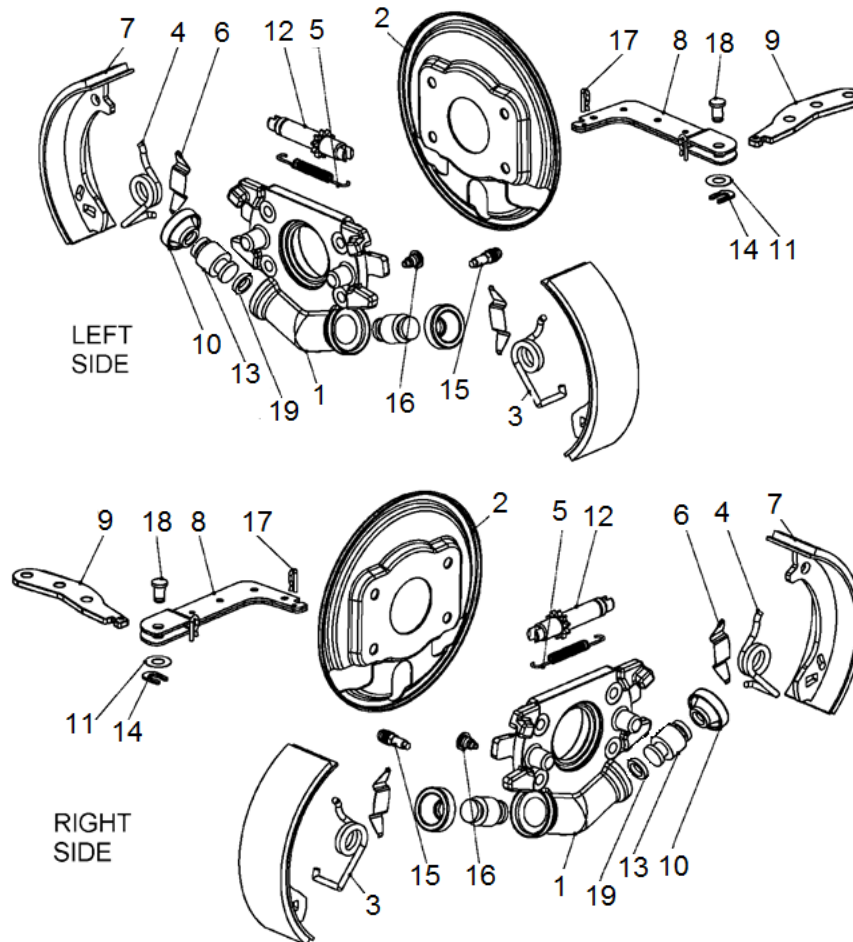
FRONT BRAKES & HUBS



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG306096	WLDMT, FRONT AXLE ASSEMBLY	1	306096
2	CVG313159	SPINDLE WLDMT, LH, TSR MOUNT	1	313159
3	CVG467952	PNTD, KING PIN	2	467952
4	CVG468074	ASSY, HUB, BOLT ON DISC BRAKE	2	468074
5	CVG707457	SCREW, 5/16-18 X 1-1/2 HEX HEAD CAP WITH PATCH	10	707457
6	CVG709831	DUST CAP, 12842 HUB	2	709831
7	CVG719859	NUT 1-14 GR 5 SLOTTED HEX CLR ZINC	2	719859
8	CVG761179	ROTOR, DISC BRAKE - DUAL PATTERN	2	761179
9	CVG761269	TITAN, RH CALIPER, FRONT	1	761269
10	CVG761270	TITAN, LH CALIPER, FRONT	1	761270
11	CVG761609	BC TIE ROD ASM	1	761609
12	CVG761646	WASHER, 1", F/W, 18-8SS	4	761646
13	CVG761647	PIN, 1/8X1-1/2, COTTER, SS	2	761647
14	CVG782563	SCREW, M10X1.25X20MM 8.8 GRADE	4	782563
15	CVG782752	WSHR, 7/16 (M11), SAE, F/W, G8, MAGNI 525	4	782752

NOTE: Items with * in tables indicates parts not shown in drawing

REAR BRAKE HUBS FOR NKL REAR AXLE

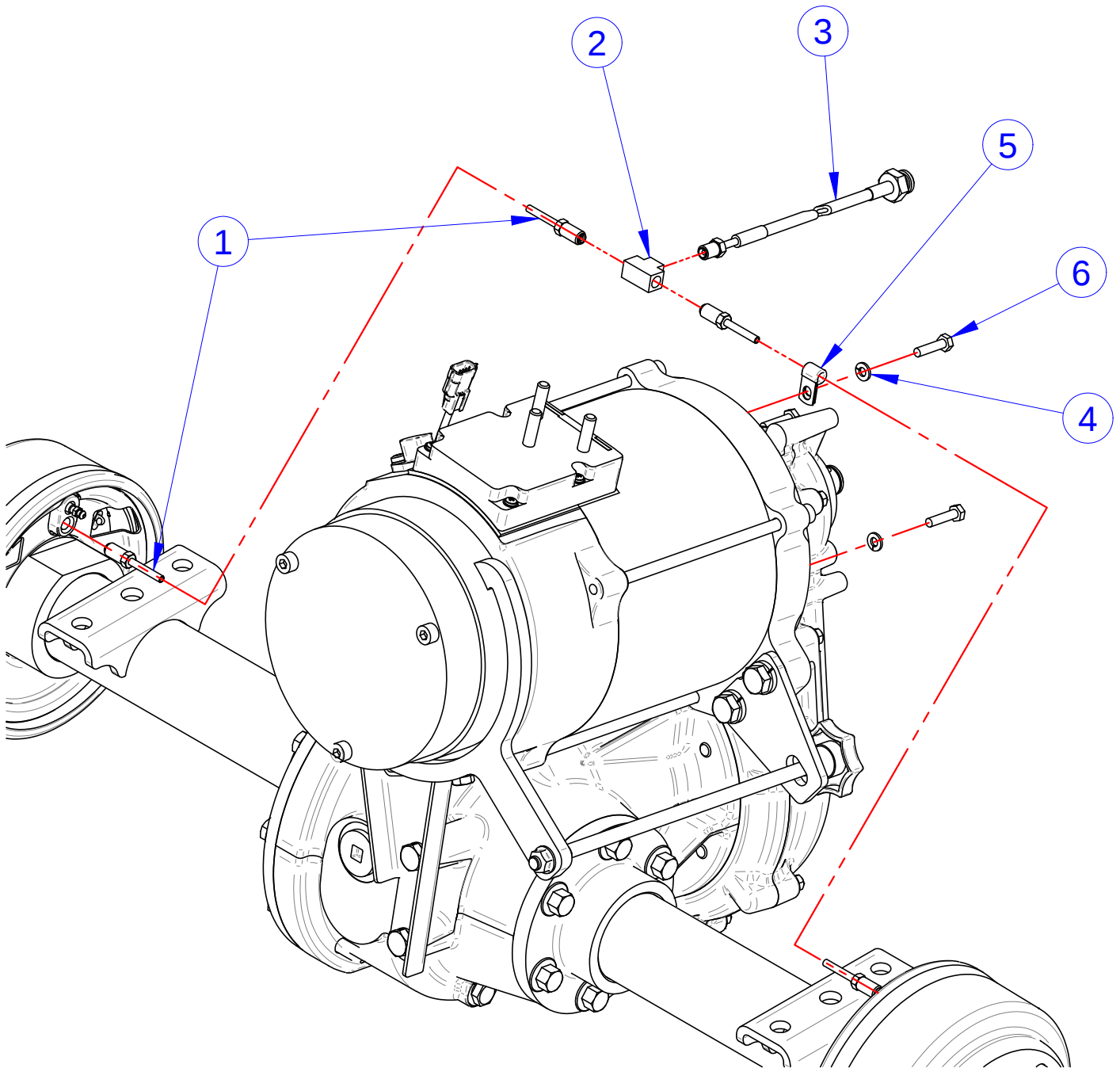


NOTES: (1) Due to pressed on bearings at the shaft,when replacing item 2, or parts showing no CVG PN, replace complete axle shaft assembly as shown on axle parts brake down. (2) Hubs are for 10.37 & 16.77 NKL rear axles.

ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	NONE	MAIN BODY(See Note 1)	1	NONE
2	CVG760980	COVER(See Note 1)	1	760980
3	CVG760981	SPRIN(BLUE)	1	760981
4	CVG760982	SPRING(YELLOW)	1	760982
5	NONE	SPRING(See Note 1)	1	NONE
6	NONE	SPRING PIECE(See Note 1)	2	NONE
7	CVG760928	SHOES,REAR BRAKE(PAIR)	2	760928
8	NONE	L-TYPE LEVER(See Note 1)	1	NONE
9	NONE	LEVER(See Note 1)	1	NONE
10	CVG192943U	DUSTPROOF COVER KIT	1	192943U
11	NONE	WASHER(See Note 1)	1	NONE
12A	CVG760984	ADJUSTMENT ASSY L (Includes Items 12-19)	1	760984
12B	CVG760985	ADJUSTMENT ASSY R (Includes Items 12-19)	1	760985
13	NONE	PISTON ASSY(See Item 12)	2	NONE
14	NONE	CARCLIP(See Item 12)	1	NONE
15	NONE	BLEEDER SCREW(See Item 12)	1	NONE
16	NONE	BUSHING(See Item 12)	1	NONE
17	NONE	COTTER PIN(See Item 12)	1	NONE
18	NONE	PIN(See Item 12)	1	NONE
19	NONE	OIL SEAL(See Item 12)	2	NONE

NOTE: Items with * in tables indicates parts not shown in drawing

REAR SUSPENSION BRAKE LINE HARDWARE



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG709232	BRAKE LINE, 3/16 X 30	2	709232
2	CVG709377	UNION TEE,3/16",HYD BRAKE TUBE	1	709377
3	CVG709430	BRAKE HOSE, HYD, FLEX, 18"	1	709430
4	CVG719378	WSHR, 1/4 (M6), L/W, SPLIT, 18-8, S/S	3	719378
5	CVG719756	CLAMP,1/4",STL TUBE,VINYL CUSHION	1	719756
6	CVG781391	M6 X 25MM HHCS	3	781391

NOTE: Items with * in tables indicates parts not shown in drawing

NOTE: Items with * in tables indicates parts not shown in drawing

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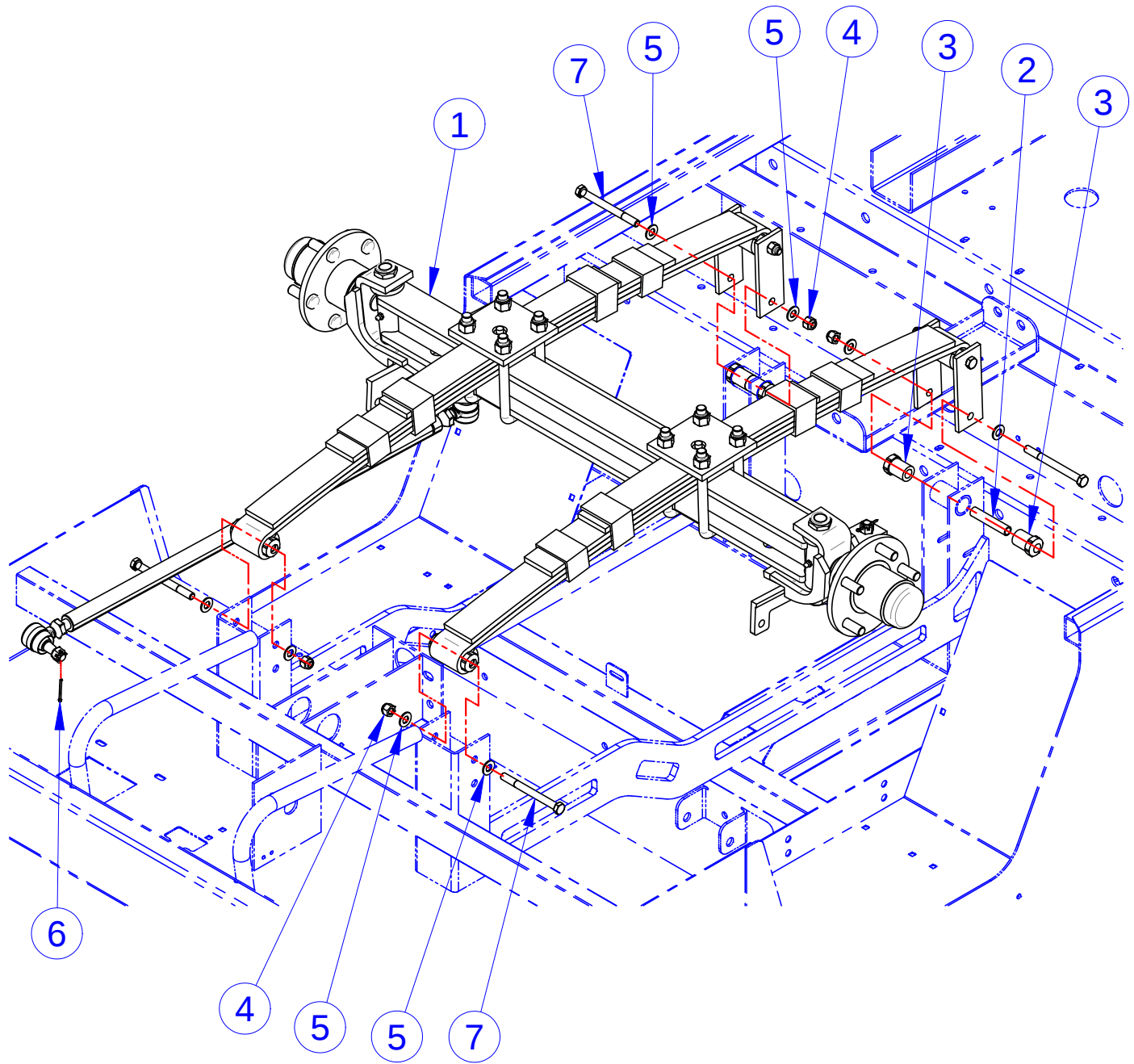
COLUMBIA

PAYLOADER

PARTS MANUAL SECTION 2

FRONT SUSPENSION/ STEERING

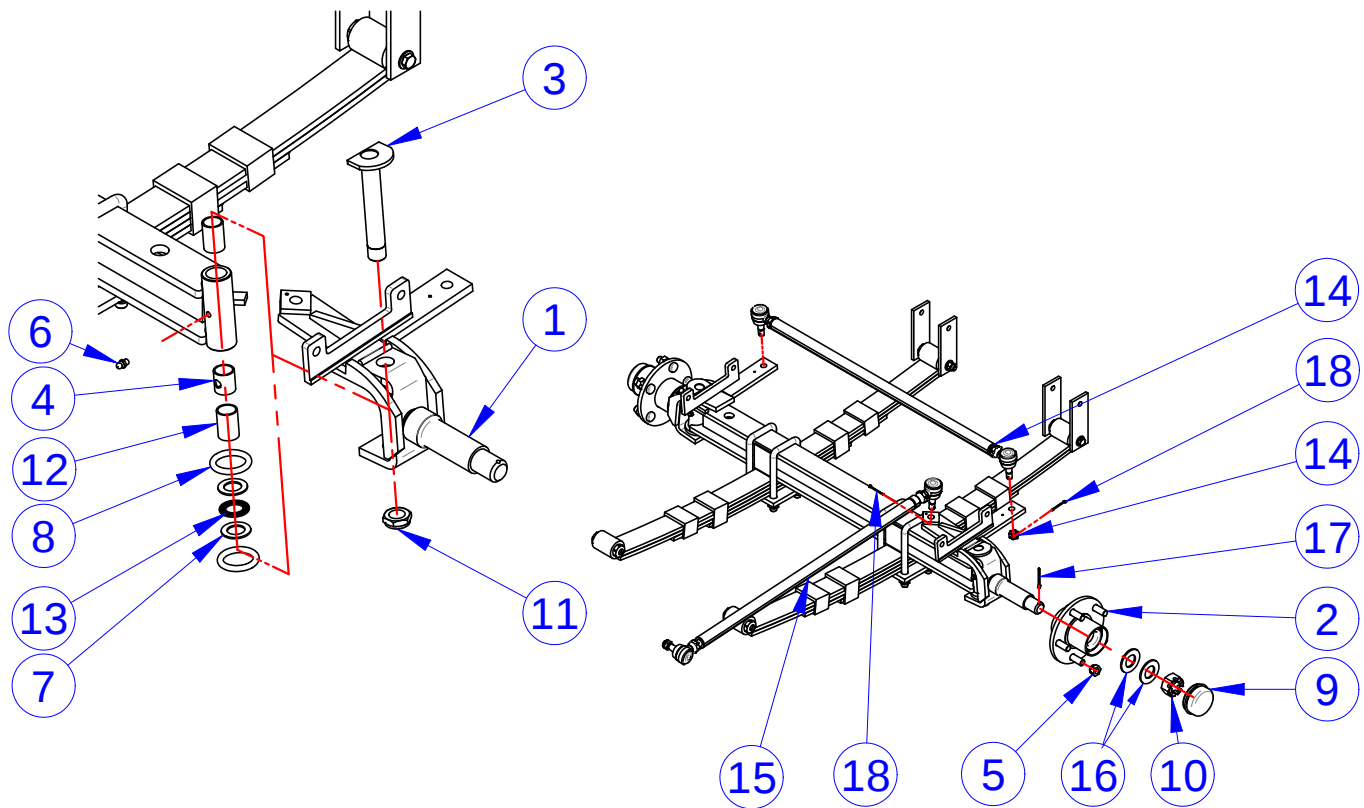
FRONT SUSPENSION



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG467391	FR SPNSN, W/O BRAKES, PL-STD/HVY	1	467391
	CVG467392	FR SPNSN, BRAKES, PL-STD/HVY	1	467392
	CVG467393	GROUP, FR SPNSN, BRAKES, PL-SUP	1	467393
2	CVG517946PL	SPACER, 0.50 X 2.50	2	517946
3	CVG709015	BUSHING, RUBBER, 1/2X 1-3/8	4	709015
4	CVG782118	NUT, 3/8-16, L/N, NYL, NE, G8, MAGNI525	4	782118
5	CVG782740	WSHR, 3/8(M10), SAE, F/W, G8, MAGNI525	8	782740
6	CVG782952	PIN, 3/32X1-1/4, COTTER, 18-8 SS	1	782952
7	CVG782963	SCR, 3/8-16 X 4, HHCS, G8, MAGNI 525	4	782963

NOTE: Items with * in tables indicates parts not shown in drawing

FRONT AXLE, NO BRAKES



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-18	CVG467391	P&A KIT, FRONT AXLE, W/O BRAKES, PL	KIT	467391
1	CVG313159	SPINDLE WLDMT, LH, TSR MOUNT	1	313159
2	CVG467799	BC FRT HUB ASSY	2	467799
3	CVG467952	PNTD, KING PIN	2	467952
4	CVG518482	BUSHING, .751 X .878 X .950 W/ HOLE	2	518482
5	CVG709002	NUT, 1/2-20, TAPERED WHEEL	10	709002
6	CVG709110	GREASE FITTING, 1/4" DRIVE, STRAIGHT	2	709110
7	CVG709217	WASHER, NEEDLE THRUST	4	709217
8	CVG709218	O-RING,#332,1-1/4X1/4	4	709218
9	CVG709831	DUST CAP, 12842 HUB	2	709831
10	CVG719859	NUT 1-14 GR 5 SLOTTED HEX CLR ZINC	2	719859
11	CVG719861	NUT, 3/4-16 GR A NTE STYLE JAM NYLON	2	719861
12	CVG719961	BUSHING, .751 X .878 X 1.25 OILITE	4	719961
13	CVG719962	BEARING TORRINGTON NEEDLE THRUST	2	719962
14	CVG761609	BC TIE ROD ASM	1	761609
15	CVG761610	BC DRAG LINK ASM	1	761610
16	CVG761646	WASHER,1",F/W,18-8SS	4	761646
17	CVG761647	PIN,1/8X1-1/2,COTTER,SS	2	761647
18	CVG782952	PIN,3/32X1-1/4,COTTER,18-8 SS	3	782952

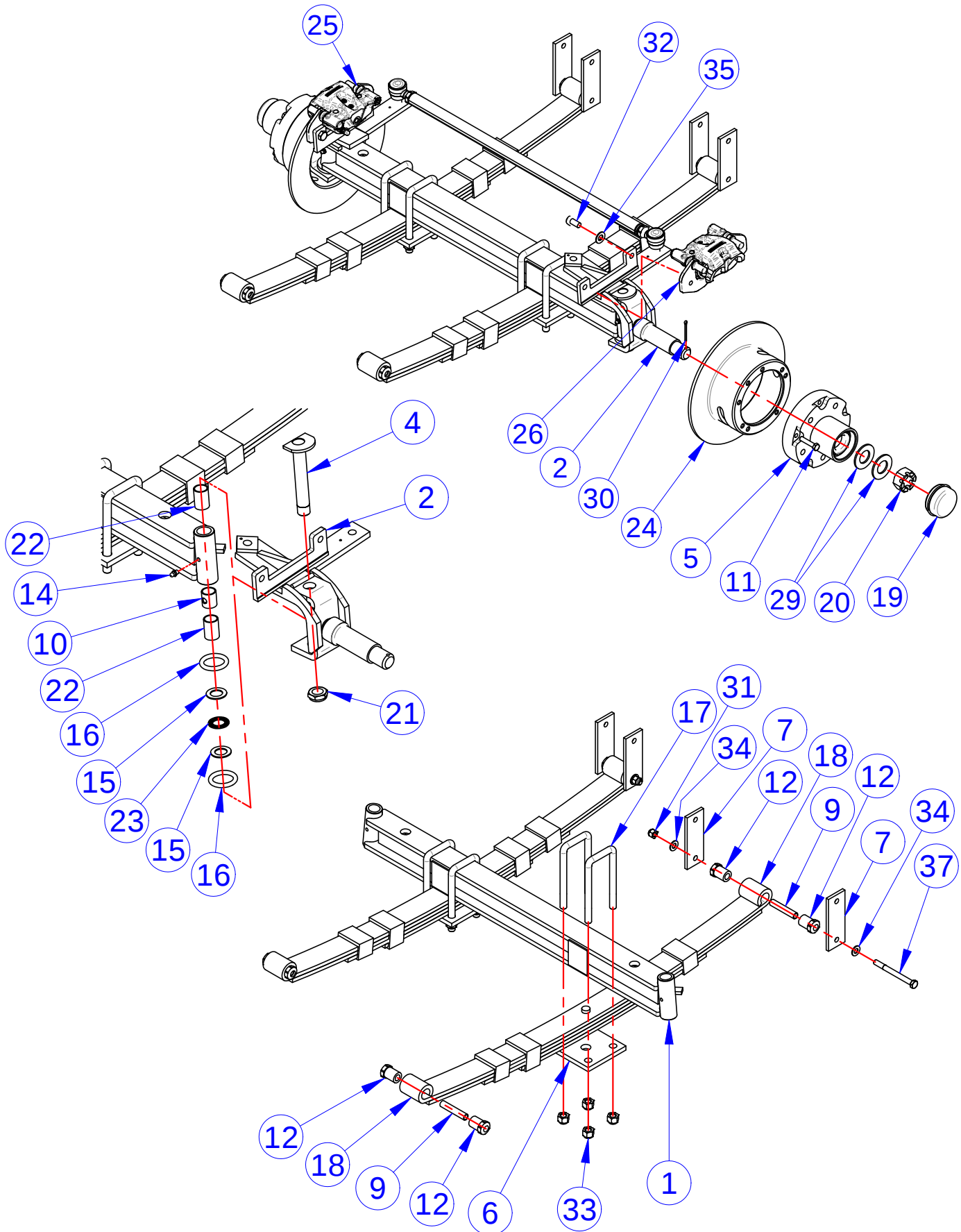
NOTE: Items with * in tables indicates parts not shown in drawing

DRAWINGS FOR BILL OF MATERIALS ON THE FOLLOWING PAGE.

ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG306096	WLDMT, FRONT AXLE ASSEMBLY	1	306096
2	CVG313159	SPINDLE WLDMT, LH, TSR MOUNT	1	313159
3*	CVG313160	SPINDLE WLDMT, BC, RH, TSR MOUNT	1	313160
4	CVG467952	PNTD, KING PIN	2	467952
5	CVG468074	ASSY, HUB, BOLT ON DISC BRAKE	2	468074
6	CVG510276	CPC FRONT AXLE SPRING PLATE	2	510276
7	CVG510364	SUSP SPR SHACKLE	4	510364
8*	CVG517751	OFFSET SPCR	2	517751
9	CVG517946PL	SPACER, 0.50 X 2.50	4	517946
10	CVG518482	BUSHING, .751 X .878 X .950 W/ HOLE	2	518482
11	CVG707457	SCREW, 5/16-18 X 1-1/2 HEX HEAD CAP WITH PATCH	10	707457
12	CVG709015	BUSHING, RUBBER, 1/2X 1-3/8	8	709015
13*	CVG709082	LUG BOLT, WHEEL	10	709082
14	CVG709110	GREASE FITTING, 1/4" DRIVE, STRAIGHT	2	709110
15	CVG709217	WASHER, NEEDLE THRUST	4	709217
16	CVG709218	O-RING, #332, 1-1/4X1/4	4	709218
17	CVG709372	U-BOLT, 1/2-13X5-1/4, FRONT, MAGNI525BLK	4	709372
18	CVG468295	LEAF SPRING ASSY, 4-LEAF, SUSPENSION	2	709382
19	CVG709831	DUST CAP, 12842 HUB	2	709831
20	CVG719859	NUT 1-14 GR 5 SLOTTED HEX CLR ZINC	2	719859
21	CVG719861	NUT, 3/4-16 GR A NTE STYLE JAM NYLON	2	719861
22	CVG719961	BUSHING, .751 X .878 X 1.25 OILITE	4	719961
23	CVG719962	BEARING TORRINGTON NEEDLE THRUST	2	719962
24	CVG761179	ROTOR, DISC BRAKE - DUAL PATTERN	2	761179
25	CVG761269	TITAN, RH CALIPER, FRONT	1	761269
26	CVG761270	TITAN, LH CALIPER, FRONT	1	761270
27*	CVG761609	BC TIE ROD ASM	1	761609
28*	CVG761610	BC DRAG LINK ASM	1	761610
29	CVG761646	WASHER, 1", F/W, 18-8SS	4	761646
30	CVG761647	PIN, 1/8X1-1/2, COTTER, SS	2	761647
31	CVG782118	NUT, 3/8-16, L/N, NYL, NE, G8, MAGNI525	2	782118
32	CVG782563	SCREW, M10X1.25X20MM 8.8 GRADE	4	782563
33	CVG782739	NUT, 1/2-13, L/N, NYL, NE, G8, MAGNI 525	8	782739
34	CVG782740	WSHR, 3/8(M10), SAE, F/W, G8, MAGNI525	4	782740
35	CVG782752	WSHR, 7/16 (M11), SAE, F/W, G8, MAGNI 525	4	782752
36*	CVG782952	PIN, 3/32X1-1/4, COTTER, 18-8 SS	3	782952
37	CVG782963	SCR, 3/8-16 X 4, HHCS, G8, MAGNI 525	2	782963

NOTE: Items with * in tables indicates parts not shown in drawing

FRONT AXLE WITH BRAKE, STD/HVY



NOTE: Items with * in tables indicates parts not shown in drawing

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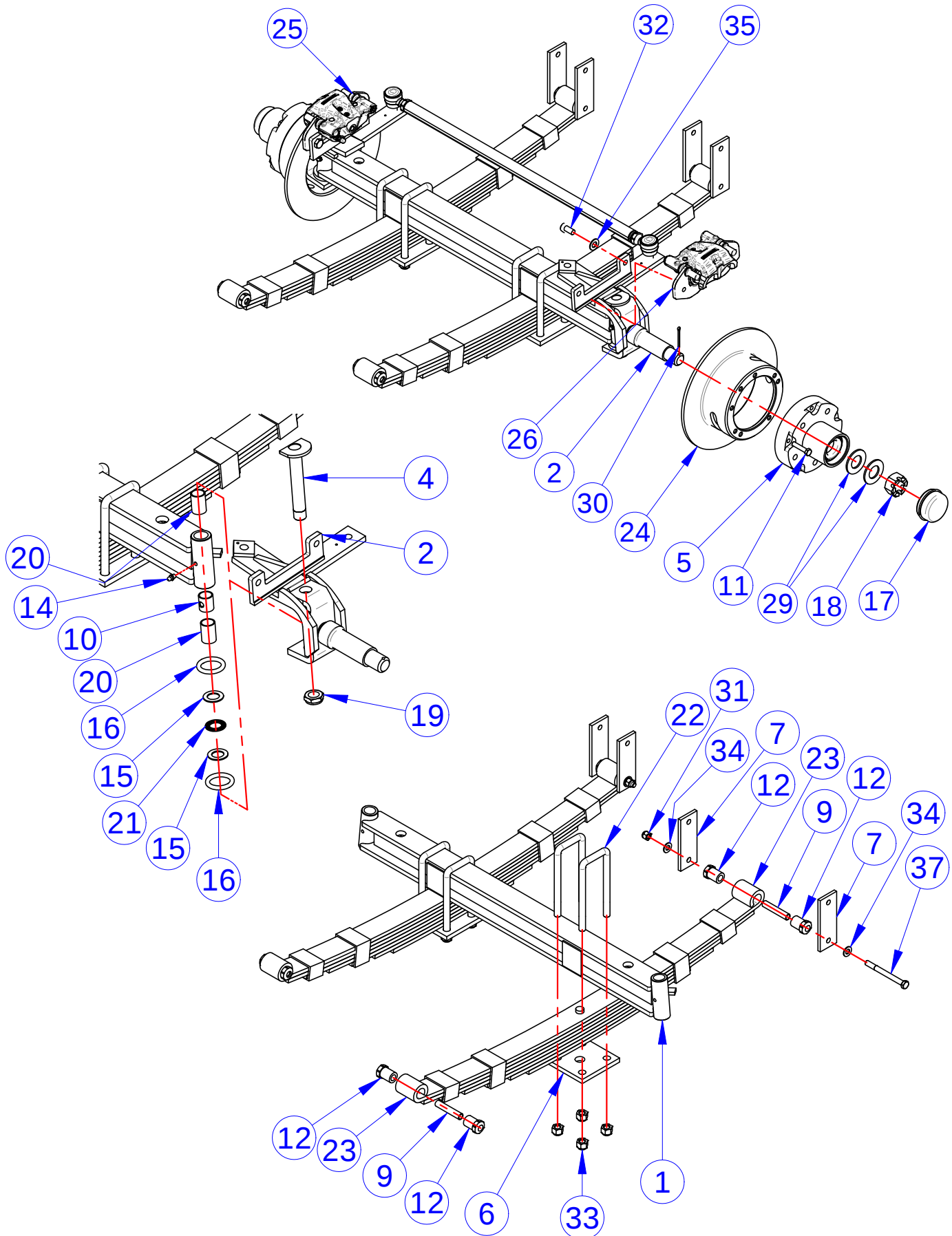
FRONT AXLE WITH BRAKE, SUP

DRAWINGS FOR BILL OF MATERIALS ON THE FOLLOWING PAGE.

ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG306096	WLDMT, FRONT AXLE ASSEMBLY	1	306096
2	CVG313159	SPINDLE WLDMT, LH, TSR MOUNT	1	313159
3*	CVG313160	SPINDLE WLDMT, BC, RH, TSR MOUNT	1	313160
4	CVG467952	PNTD, KING PIN	2	467952
5	CVG468074	ASSY, HUB, BOLT ON DISC BRAKE	2	468074
6	CVG510276	CPC FRONT AXLE SPRING PLATE	2	510276
7	CVG510364	SUSP SPR SHACKLE	4	510364
8*	CVG517751	OFFSET SPCR	2	517751
9	CVG517946PL	SPACER, 0.50 X 2.50	4	517946
10	CVG518482	BUSHING, .751 X .878 X .950 W/ HOLE	2	518482
11	CVG707457	SCREW, 5/16-18 X 1-1/2 HEX HEAD CAP WITH PATCH	10	707457
12	CVG709015	BUSHING, RUBBER, 1/2X 1-3/8	8	709015
13*	CVG709082	LUG BOLT, WHEEL	10	709082
14	CVG709110	GREASE FITTING, 1/4" DRIVE, STRAIGHT	2	709110
15	CVG709217	WASHER, NEEDLE THRUST	4	709217
16	CVG709218	O-RING, #332, 1-1/4X1/4	4	709218
17	CVG709831	DUST CAP, 12842 HUB	2	709831
18	CVG719859	NUT 1-14 GR 5 SLOTTED HEX CLR ZINC	2	719859
19	CVG719861	NUT, 3/4-16 GR A NTE STYLE JAM NYLON	2	719861
20	CVG719961	BUSHING, .751 X .878 X 1.25 OILITE	4	719961
21	CVG719962	BEARING TORRINGTON NEEDLE THRUST	2	719962
22	CVG739454	U-BOLT, 1/2-13X5-7/8, UNPLT	4	739454
23	CVG739587	LEAF SPRING, BC 7-LEAF	2	739587
24	CVG761179	ROTOR, DISC BRAKE - DUAL PATTERN	2	761179
25	CVG761269	TITAN, RH CALIPER, FRONT	1	761269
26	CVG761270	TITAN, LH CALIPER, FRONT	1	761270
27*	CVG761609	BC TIE ROD ASM	1	761609
28*	CVG761610	BC DRAG LINK ASM	1	761610
29	CVG761646	WASHER, 1", F/W, 18-8SS	4	761646
30	CVG761647	PIN, 1/8X1-1/2, COTTER, SS	2	761647
31	CVG782118	NUT, 3/8-16, L/N, NYL, NE, G8, MAGNI525	2	782118
32	CVG782563	SCREW, M10X1.25X20MM 8.8 GRADE	4	782563
33	CVG782739	NUT, 1/2-13, L/N, NYL, NE, G8, MAGNI 525	8	782739
34	CVG782740	WSHR, 3/8(M10), SAE, F/W, G8, MAGNI525	4	782740
35	CVG782752	WSHR, 7/16 (M11), SAE, F/W, G8, MAGNI 525	4	782752
36*	CVG782952	PIN, 3/32X1-1/4, COTTER, 18-8 SS	3	782952
37	CVG782963	SCR, 3/8-16 X 4, HHCS, G8, MAGNI 525	2	782963

NOTE: Items with * in tables indicates parts not shown in drawing

FRONT AXLE WITH BRAKE, SUP



NOTE: Items with * in tables indicates parts not shown in drawing

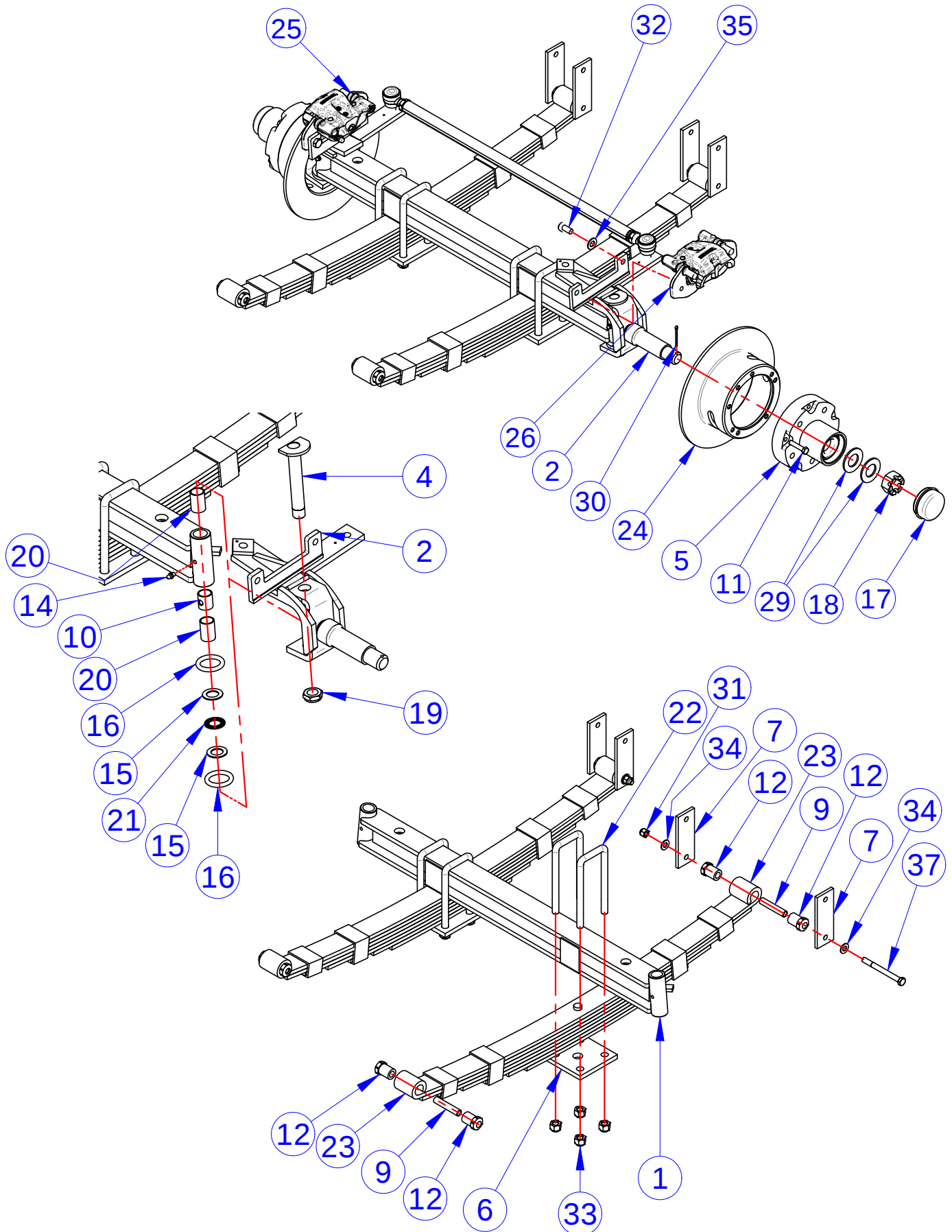
FRONT AXLE WITH BRAKE, EXT

DRAWINGS FOR BILL OF MATERIALS ON THE FOLLOWING PAGE.

ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG306096	WLDMT, FRONT AXLE ASSEMBLY	1	306096
2	CVG313159	SPINDLE WLDMT, LH, TSR MOUNT	1	313159
3*	CVG313160	SPINDLE WLDMT, BC, RH, TSR MOUNT	1	313160
4	CVG467952	PNTD, KING PIN	2	467952
5	CVG468074	ASSY, HUB, BOLT ON DISC BRAKE	2	468074
6	CVG510276	CPC FRONT AXLE SPRING PLATE	2	510276
7	CVG510364	SUSP SPR SHACKLE	4	510364
8*	CVG517751	OFFSET SPCR	2	517751
9	CVG517946PL	SPACER, 0.50 X 2.50	4	517946
10	CVG518482	BUSHING, .751 X .878 X .950 W/ HOLE	2	518482
11	CVG707457	SCREW, 5/16-18 X 1-1/2 HEX HEAD CAP WITH PATCH	10	707457
12	CVG709015	BUSHING, RUBBER, 1/2X 1-3/8	8	709015
13*	CVG709082	LUG BOLT, WHEEL	10	709082
14	CVG709110	GREASE FITTING, 1/4" DRIVE, STRAIGHT	2	709110
15	CVG709217	WASHER, NEEDLE THRUST	4	709217
16	CVG709218	O-RING, #332, 1-1/4X1/4	4	709218
17	CVG709831	DUST CAP, 12842 HUB	2	709831
18	CVG719859	NUT 1-14 GR 5 SLOTTED HEX CLR ZINC	2	719859
19	CVG719861	NUT, 3/4-16 GR A NTE STYLE JAM NYLON	2	719861
20	CVG719961	BUSHING, .751 X .878 X 1.25 OILITE	4	719961
21	CVG719962	BEARING TORRINGTON NEEDLE THRUST	2	719962
22	CVG739454	U-BOLT, 1/2-13X5-7/8, UNPLT	4	739454
23	CVG739587	LEAF SPRING, BC 7-LEAF	2	739587
24	CVG761179	ROTOR, DISC BRAKE - DUAL PATTERN	2	761179
25	CVG761269	TITAN, RH CALIPER, FRONT	1	761269
26	CVG761270	TITAN, LH CALIPER, FRONT	1	761270
27*	CVG761609	BC TIE ROD ASM	1	761609
28*	CVG761610	BC DRAG LINK ASM	1	761610
29	CVG761646	WASHER, 1", F/W, 18-8SS	4	761646
30	CVG761647	PIN, 1/8X1-1/2, COTTER, SS	2	761647
31	CVG782118	NUT, 3/8-16, L/N, NYL, NE, G8, MAGNI525	2	782118
32	CVG782563	SCREW, M10X1.25X20MM 8.8 GRADE	4	782563
33	CVG782739	NUT, 1/2-13, L/N, NYL, NE, G8, MAGNI 525	8	782739
34	CVG782740	WSHR, 3/8(M10), SAE, F/W, G8, MAGNI525	4	782740
35	CVG782752	WSHR, 7/16 (M11), SAE, F/W, G8, MAGNI 525	4	782752
36*	CVG782952	PIN, 3/32X1-1/4, COTTER, 18-8 SS	3	782952
37	CVG782963	SCR, 3/8-16 X 4, HHCS, G8, MAGNI 525	2	782963

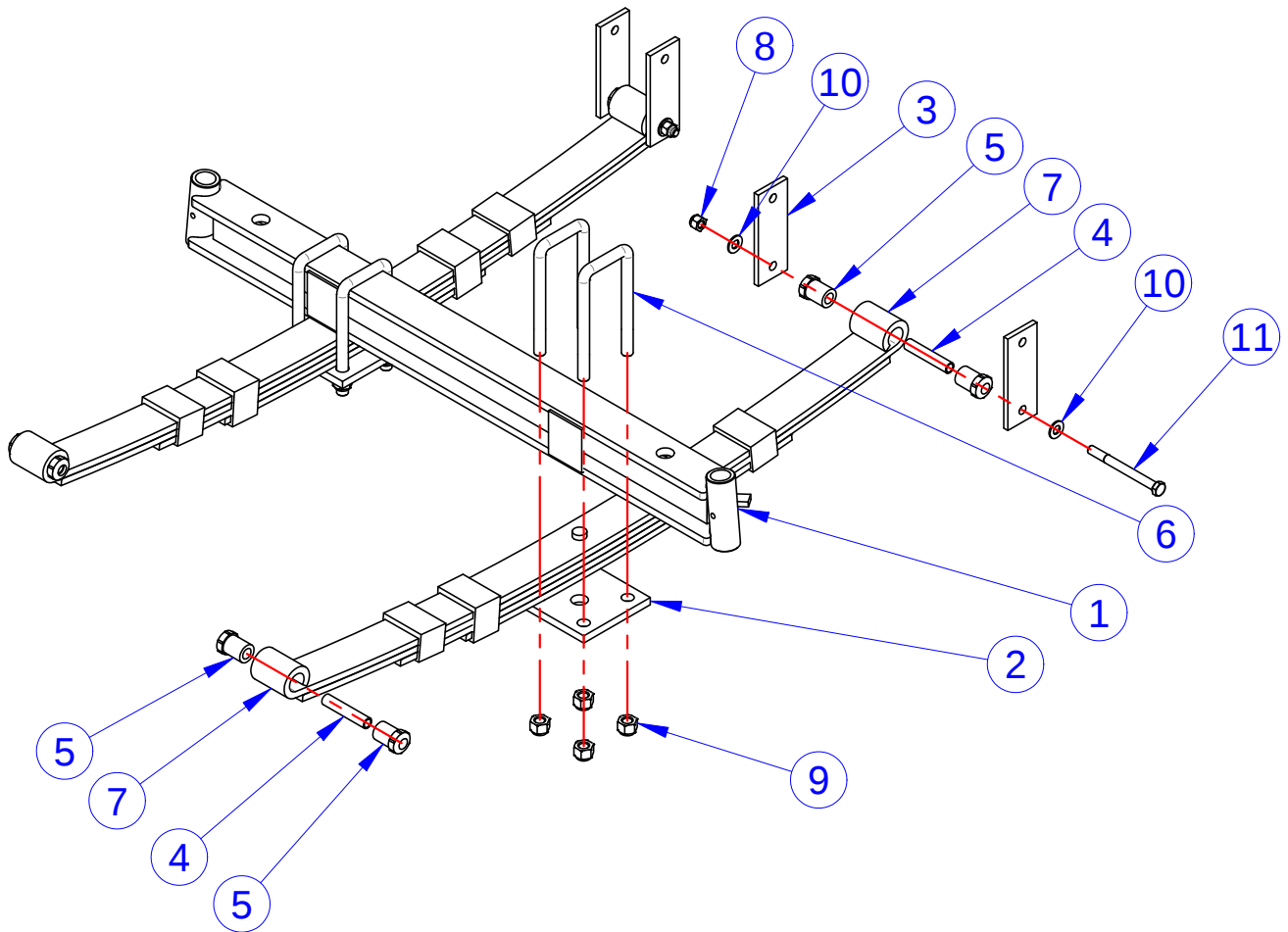
NOTE: Items with * in tables indicates parts not shown in drawing

FRONT AXLE WITH BRAKE, EXT



NOTE: Items with * in tables indicates parts not shown in drawing

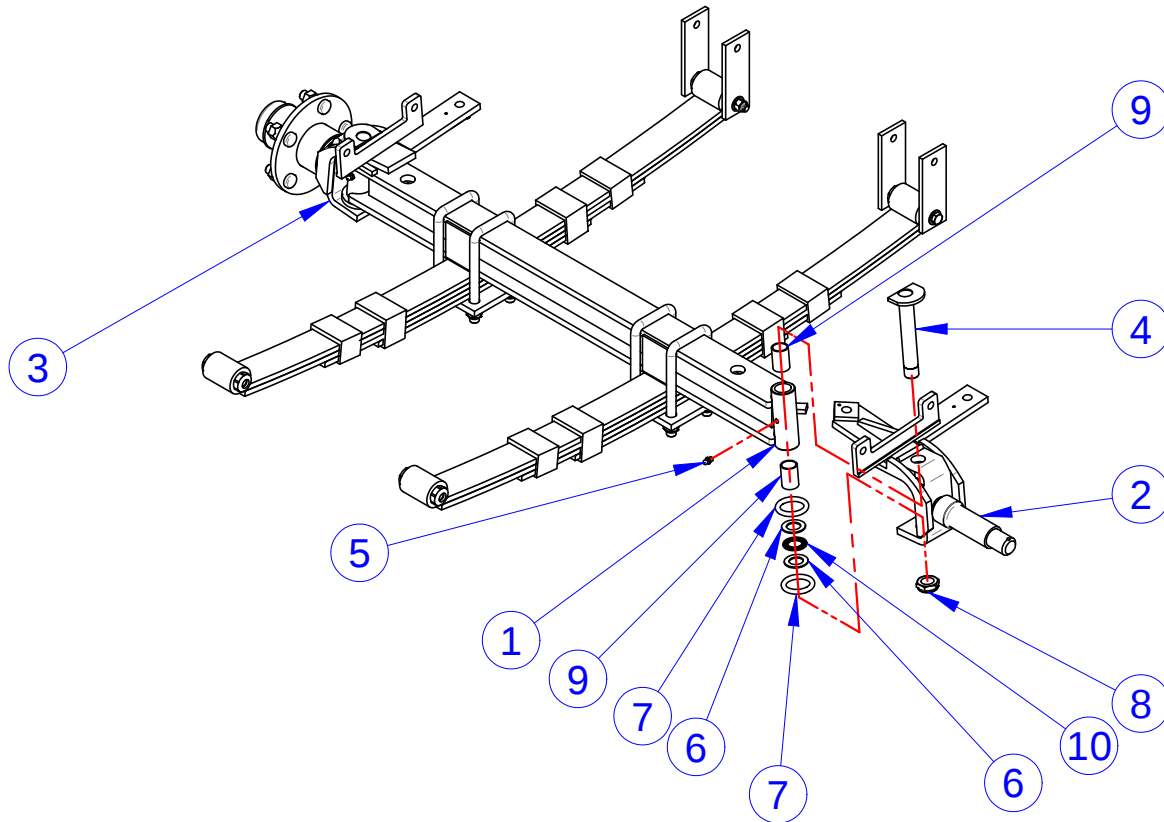
FRONT SUSPENSION SPRINGS



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG306096	WLDMT, FRONT AXLE ASSEMBLY	1	306096
2	CVG510276	CPC FRONT AXLE SPRING PLATE	2	510276
3	CVG510364	SUSP SPR SHACKLE	4	510364
4	CVG517946PL	SPACER, 0.50 X 2.50	4	517946
5	CVG709015	BUSHING, RUBBER, 1/2X 1-3/8	8	709015
6	CVG709372	U-BOLT, 1/2-13X5-1/4, FRONT, MAGNI525BLK	4	709372
7	CVG468295	P&A SET, LEAF SPRING ASSY, 4-LEAF, SUSPENSION	SET	709382
	CVG468296	P&A SET, LEAF SPRNG ASM, 6-LEAF SSPN	SET	709540
	CVG468297	P&A SET, SPRING 7 LEAF	SET	739587
8	CVG782118	NUT, 3/8-16, L/N, NYL, NE, G8, MAGNI525	2	782118
9	CVG782739	NUT, 1/2-13, L/N, NYL, NE, G8, MAGNI 525	8	782739
10	CVG782740	WSHR, 3/8(M10), SAE, F/W, G8, MAGNI525	4	782740
11	CVG782963	SCR, 3/8-16 X 4, HHCS, G8, MAGNI 525	2	782963

NOTE: Items with * in tables indicates parts not shown in drawing

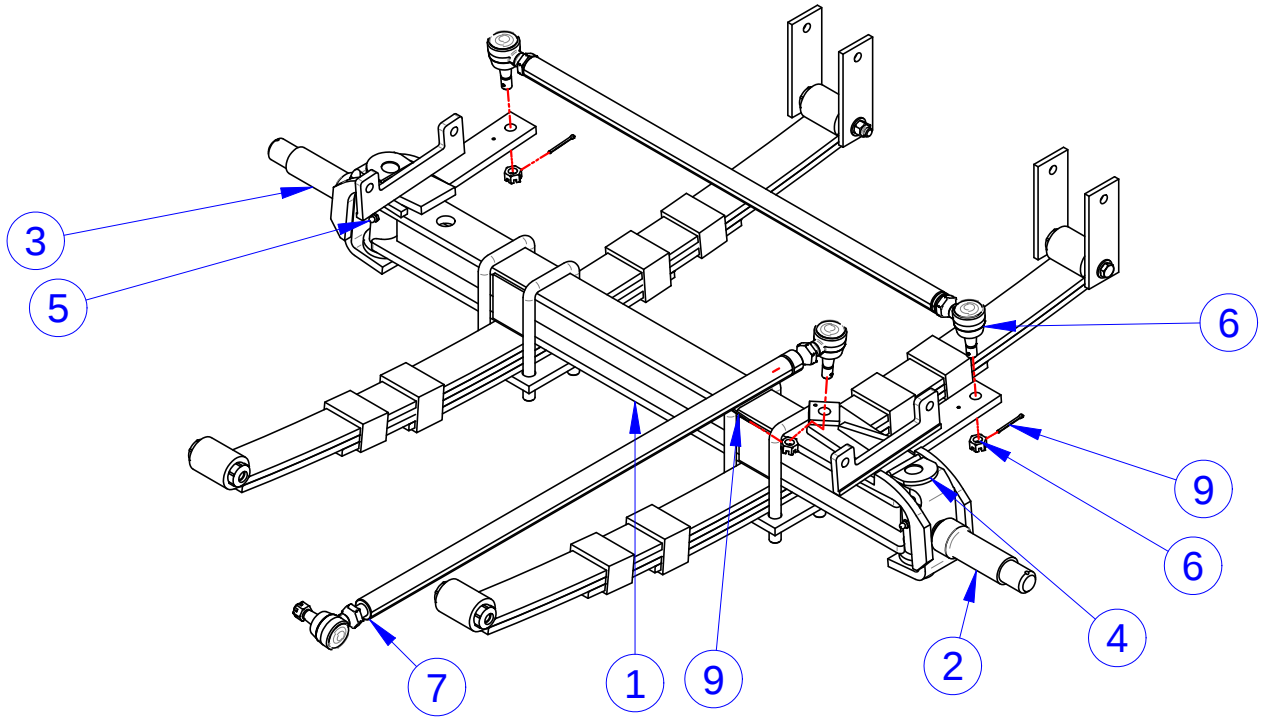
FRONT AXLE ASSEMBLY



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG306096	WLDMT, FRONT AXLE ASSEMBLY	1	306096
2	CVG313159	SPINDLE WLDMT, LH, TSR MOUNT	1	313159
3	CVG313160	SPINDLE WLDMT, BC, RH, TSR MOUNT	1	313160
4	CVG467952	PNTD, KING PIN	2	467952
5	CVG709110	GREASE FITTING, 1/4" DRIVE, STRAIGHT	2	709110
6	CVG709217	WASHER, NEEDLE THRUST	4	709217
7	CVG709218	O-RING, #332, 1-1/4X1/4	4	709218
8	CVG719861	NUT, 3/4-16 GR A NTE STYLE JAM NYLON	2	719861
9	CVG719961	BUSHING, .751 X .878 X 1.25 OILITE	4	719961
10	CVG719962	BEARING TORRINGTON NEEDLE THRUST	2	719962

NOTE: Items with * in tables indicates parts not shown in drawing

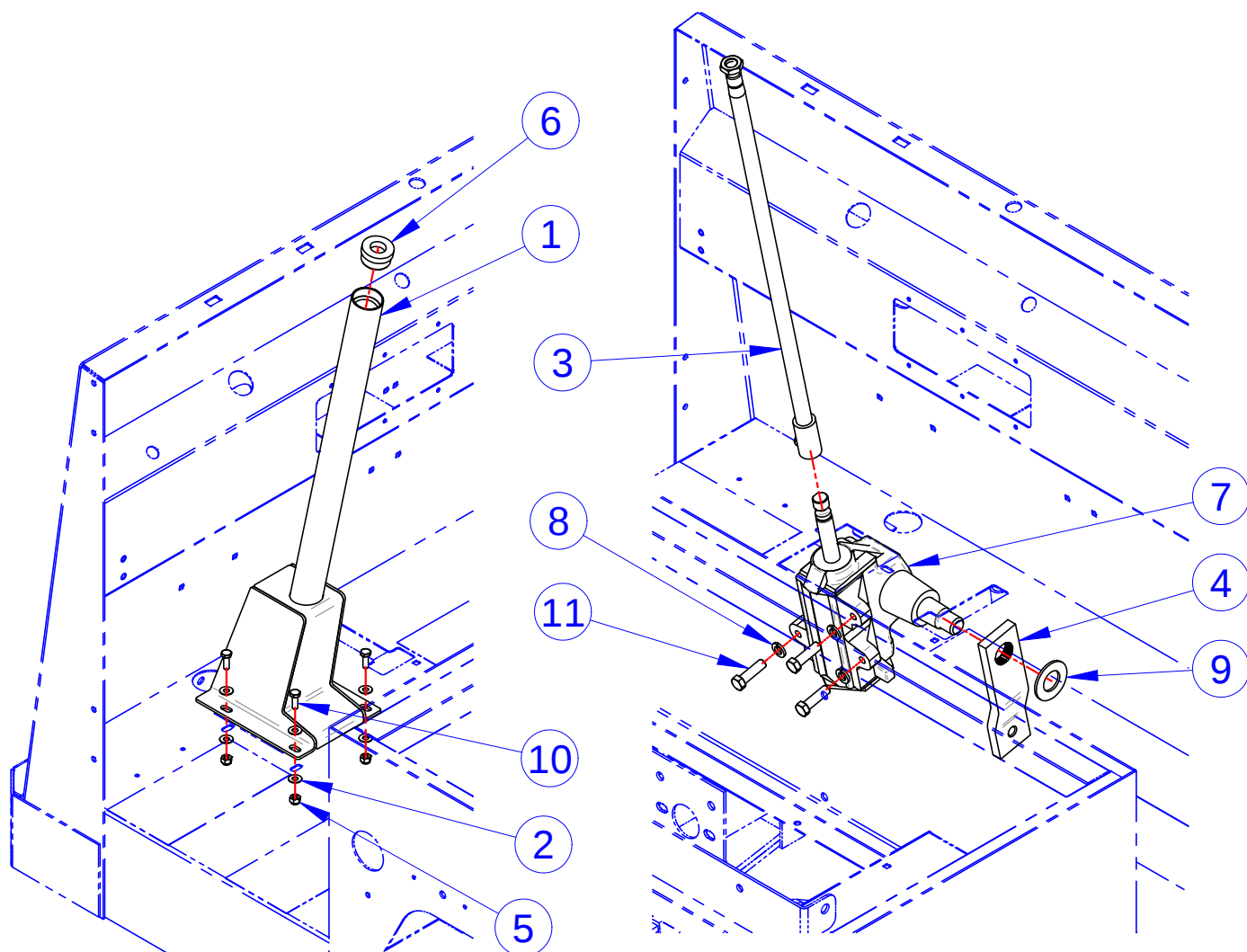
FRONT AXLE STEERING



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG306096	WLDMT, FRONT AXLE ASSEMBLY	1	306096
2	CVG313159	SPINDLE WLDMT, LH, TSR MOUNT	1	313159
3	CVG313160	SPINDLE WLDMT, BC, RH, TSR MOUNT	1	313160
4	CVG467952	PNTD, KING PIN	2	467952
5	CVG709110	GREASE FITTING, 1/4" DRIVE, STRAIGHT	2	709110
6	CVG761609	BC TIE ROD ASM	1	761609
7	CVG761610	BC DRAG LINK ASM	1	761610
8*	CVG761646	WASHER,1",F/W,18-8SS	2	761646
9	CVG782952	PIN,3/32X1-1/4,COTTER,18-8 SS	3	782952

NOTE: Items with * in tables indicates parts not shown in drawing

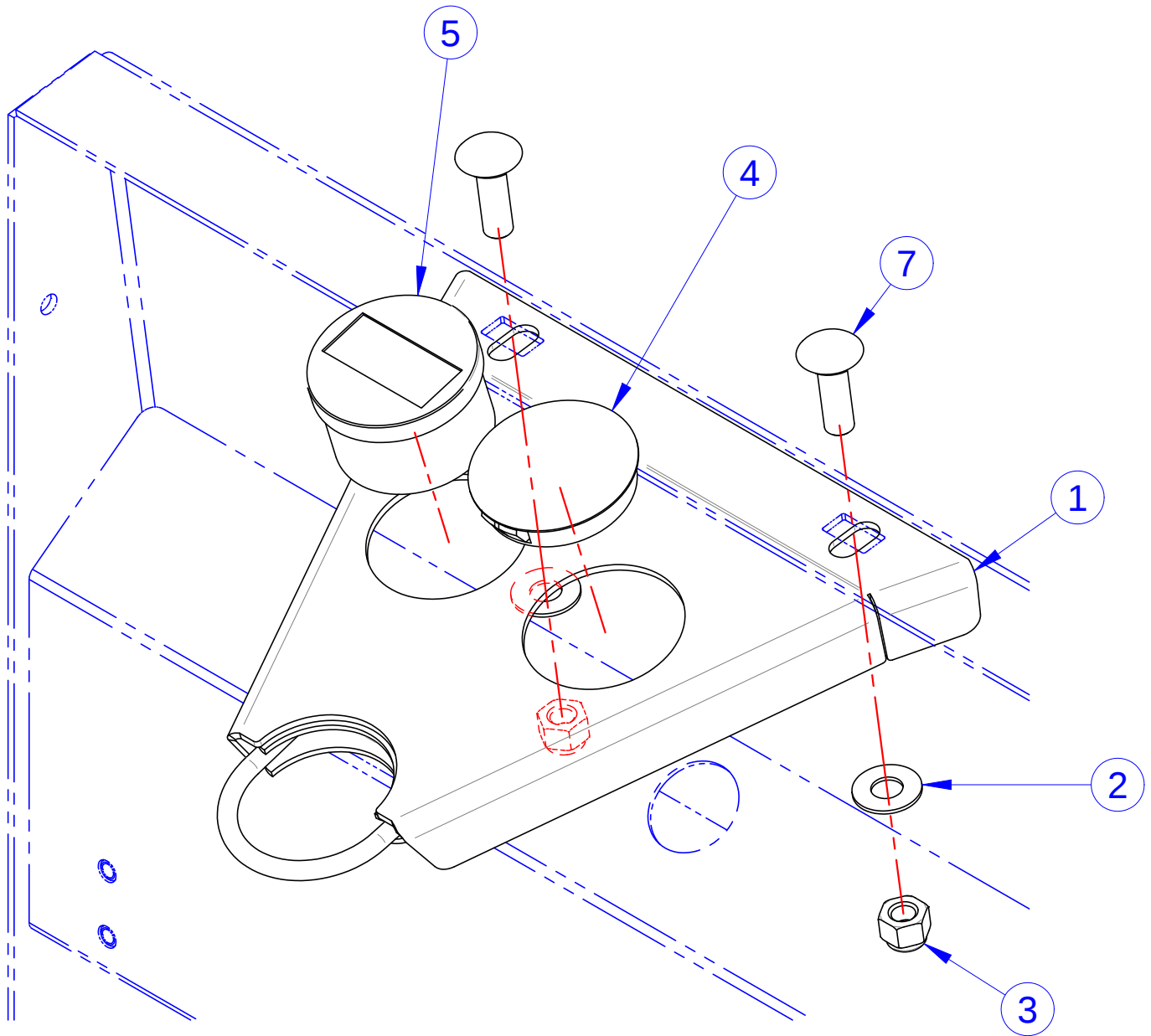
STEERING COLUMN



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG311694TB	WLDMT, STEERING COLUMN, BC	1	311694
2	CVG708511	WASHER, FLAT, 1/4", 18-8SS	8	708511
3	CVG709718	STEERING SHAFT, 25" LONG W/NUT	1	709718
4	CVG719498	PITMAN ARM, BC, MAVAL BOX	1	719498
5	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	4	719876
6	CVG739636	BEARING, COLUMN	1	739636
7	CVG759703	STEERING GEARBOX, MAVAL	1	759703
8	CVG761640	WASHER, 7/16 LOCK, S-SPLIT, L/W, 18-8 SS	3	761640
9	CVG761646	WASHER, 1", F/W, 18-8SS	1	761646
10	CVG782784	SCREW, 1/4-20X3/4, HHCS, 18-8SS	4	782784
11	CVG782791	SCREW, 7/16-14X1.50, HHCS, 18-8SS	3	782791

NOTE: Items with * in tables indicates parts not shown in drawing

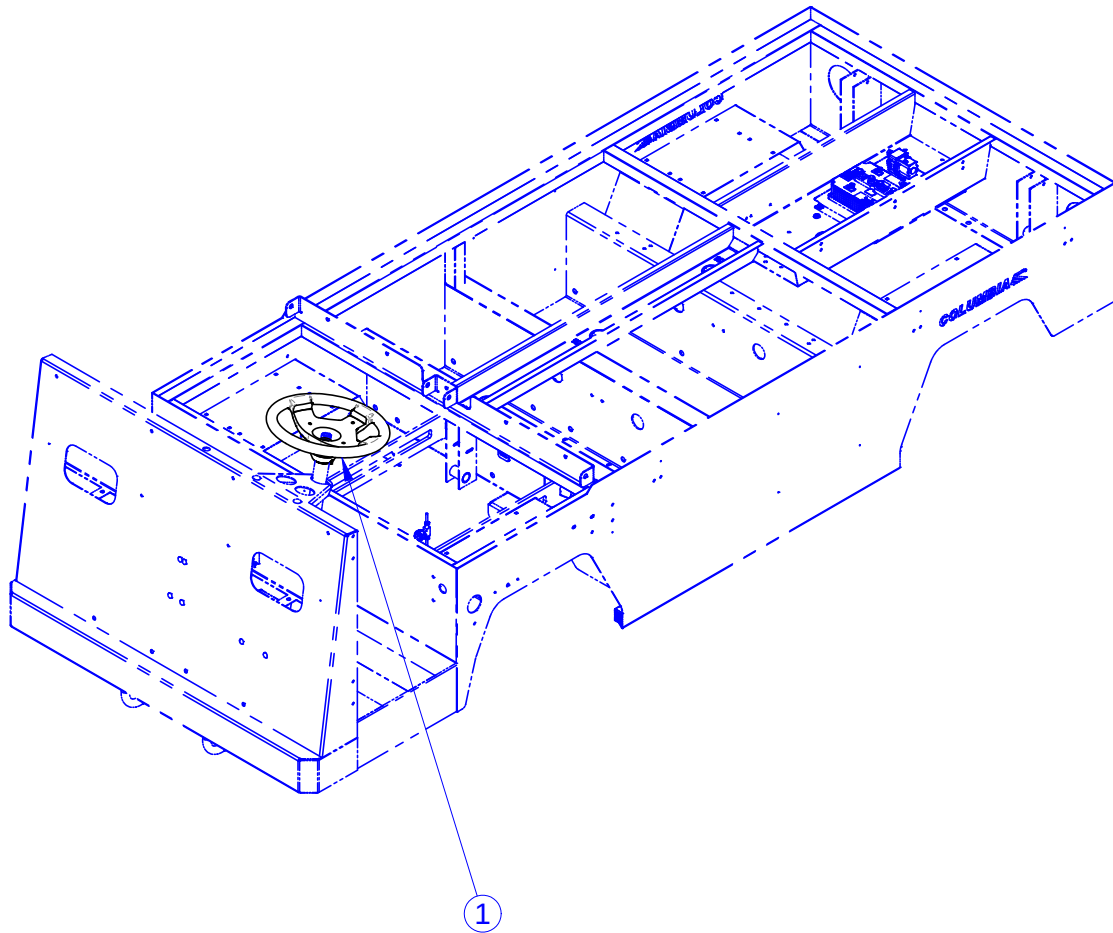
STEERING WHEEL, SMARTVIEW DISPLAY



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG306117TB	WLDMT, UPR STRG CLMN SPRT	1	306117
2	CVG708859	WASHER, 3/8, STD, FW, 18-8SS	2	708859
3	CVG708860	NUT, 3/8-16, L/N, NYL, NE, 18-8, S/S	2	708860
4	CVG719214	DOME PLUG, BLACK (FITS 2.00" HOLE)	1	719214
5	CVG761154	DISPLAY, SMART VIEW	1	761154
6*	CVG761157	HARNESS, DISPLAY ADAPTER, AC DR	1	761157
7	CVG782724	SCR, 3/8-16 X 1.25, CARR, 18-8, S/S	2	782724

NOTE: Items with * in tables indicates parts not shown in drawing

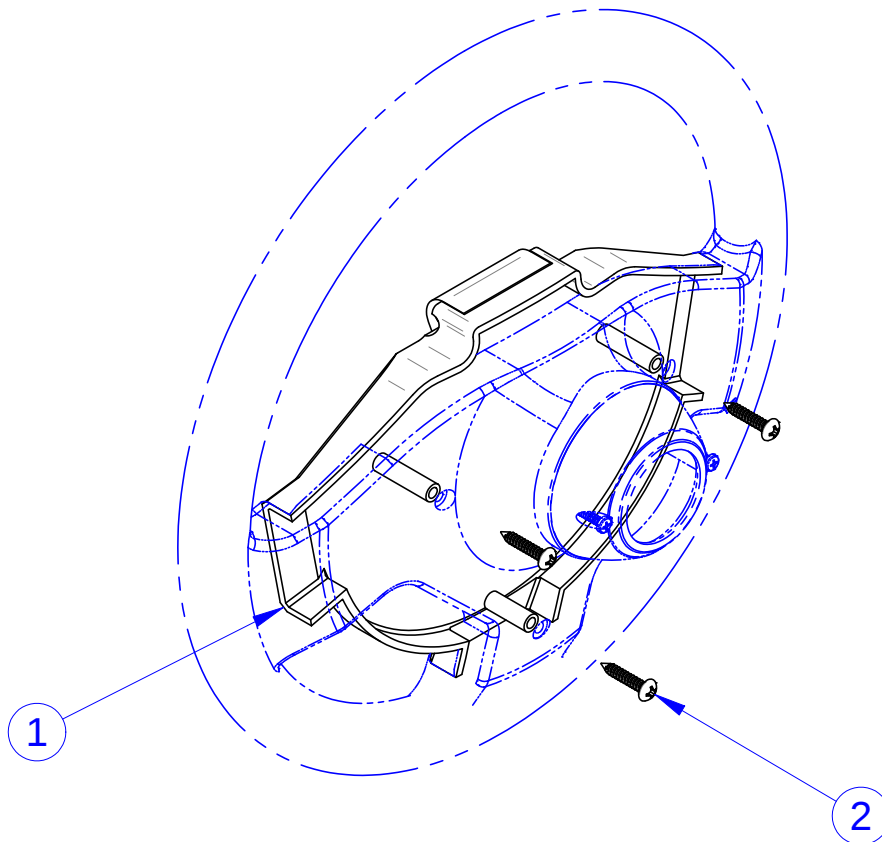
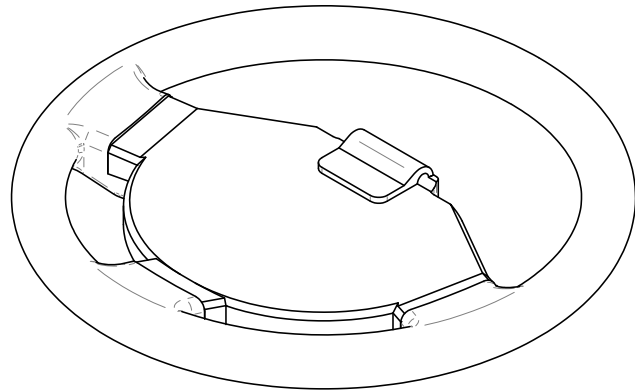
STEERING WHEEL



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG463399	ASM, STEERING WHEEL, SPORT	1	463399

NOTE: Items with * in tables indicates parts not shown in drawing

STEERING COVER, SCORECARD HOLDER



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG709043	SCORECARD HOLDER	1	709043
2	CVG729263	SCREW #10X1,PPH,T/S,TA, MAGNI 525	3	729263

NOTE: Items with * in tables indicates parts not shown in drawing

NOTE: Items with * in tables indicates parts not shown in drawing

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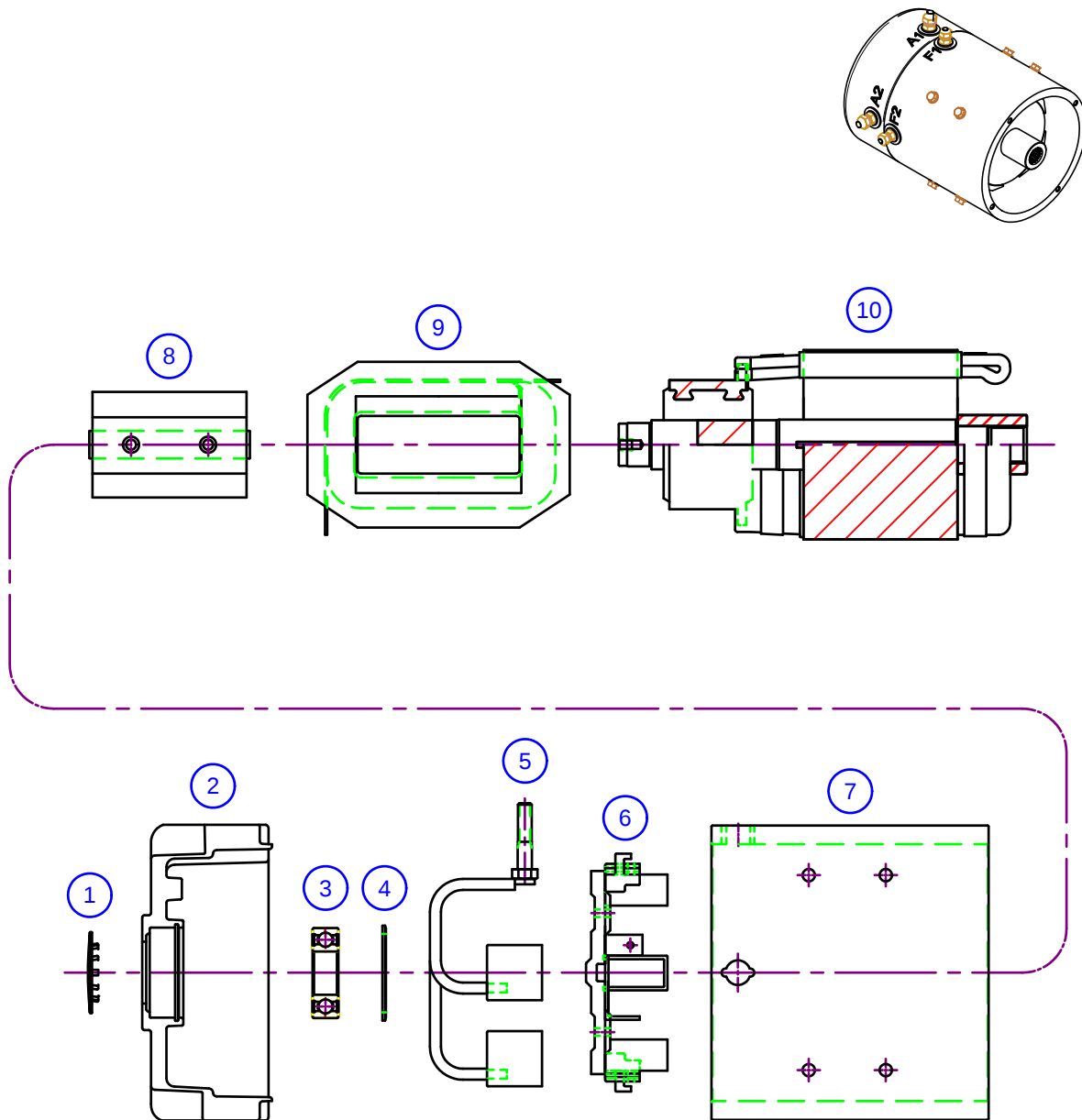
COLUMBIA

PAYLOADER

PARTS MANUAL SECTION 3

REAR SUSPENSION/ DRIVE TRAIN

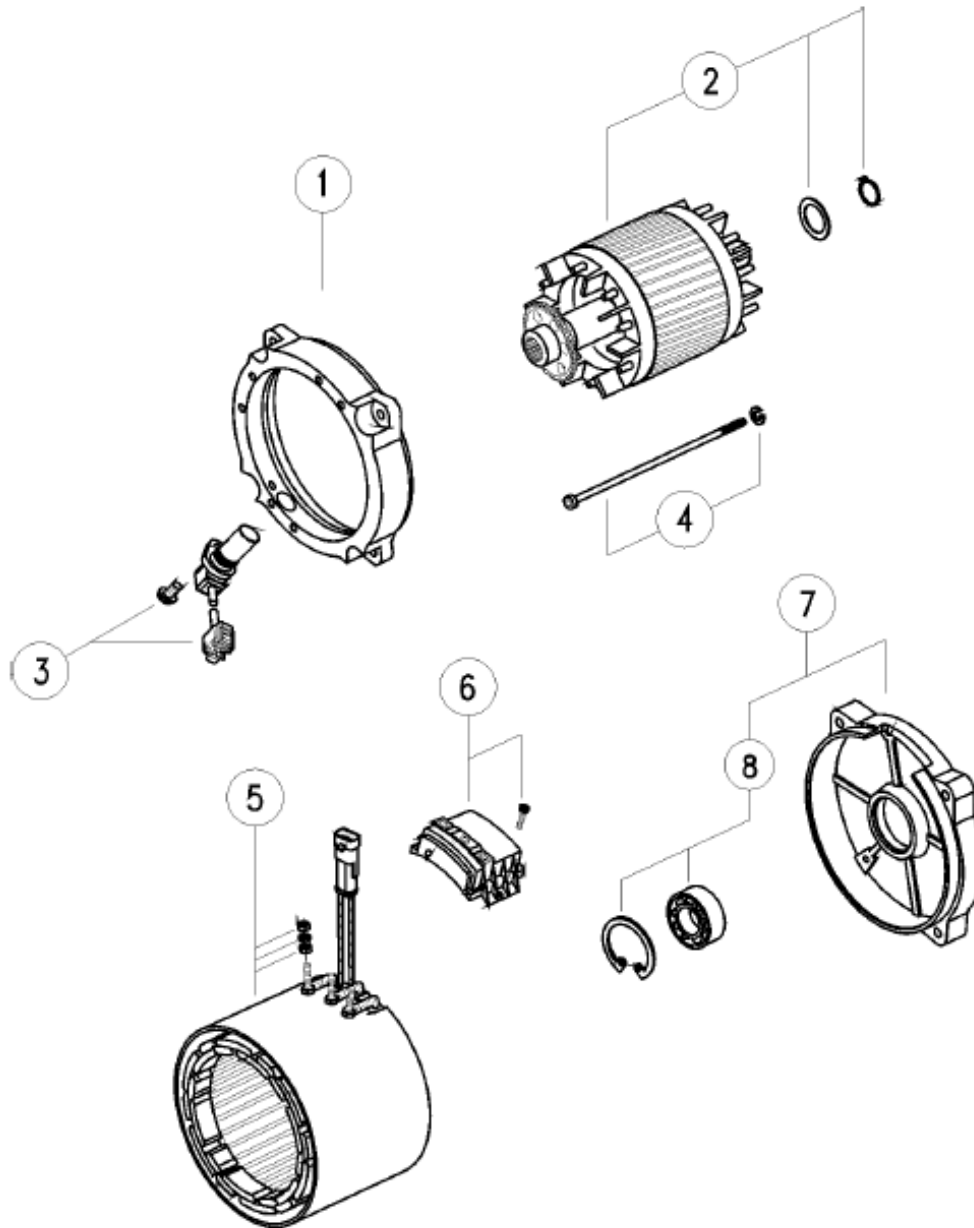
48V MOTOR



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	N/A	HOLE PLUG	1	N/A
2	N/A	CUMMUTATOR END HEAD	1	N/A
3	CVG759896	BEARING	1	759896
4	N/A	RETAINING RING	1	N/A
5	CVG759780	BRUSH ASSY.	2	759780
6	CVG759781	BRUSH BOX ASSY	1	759781
7	N/A	MOTOR FRAME	1	N/A
8	N/A	POLE SHOE ASSY.	4	N/A
9	N/A	SHUNT COIL ASSY	1	N/A
10	N/A	ARMATURE ASSY	1	N/A

NOTE: Items with * in tables indicates parts not shown in drawing

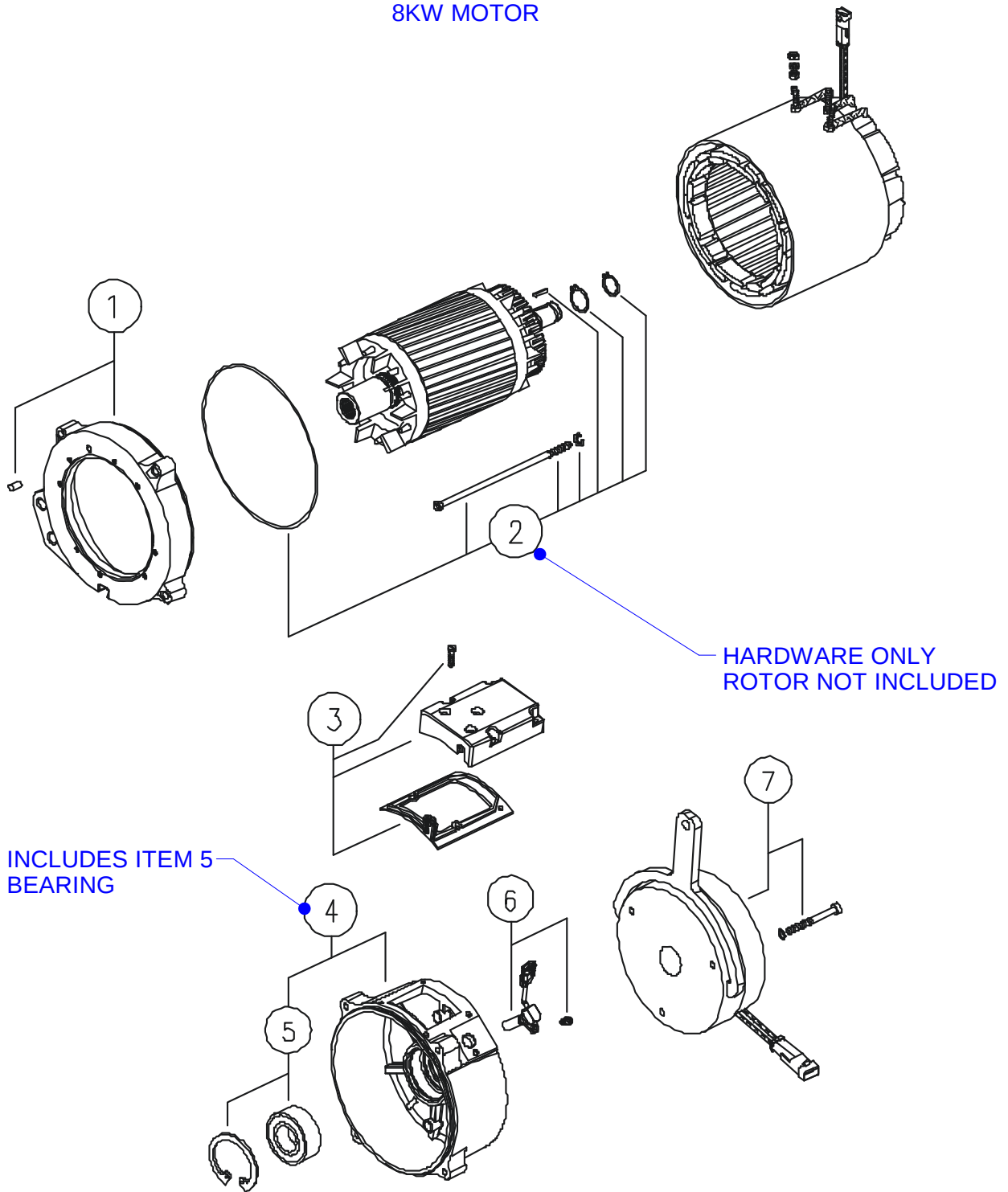
5KW MOTOR



ITEM	CVG P/N	DESCRIPTION	QTY	REF #
1-9	CVG761248	MOTOR, AC, 5KW W/EM BRAKE	1	761248
1	CVG761670	BRKT, DRIVE END, 5KW	1	761670
2	CVG761671	ARMATURE, 5KW	1	761671
3	CVG761258	SENSOR, MOTOR SPEED	1	761258
4	CVG761676	BOLT, MOTOR STAY, 5KW	1	761676
5	N/A	STATOR	1	N/A
6	CVG761675	PLATE, CONNECTION, 5KW	1	761675
7	CVG761674	BRACKET, REAR END, 5KW	1	761674
8	CVG761673	BEARING	1	761673
9*	CVG761672	EM BRAKE, 5KW	1	761672

NOTE: Items with * in tables indicates parts not shown in drawing

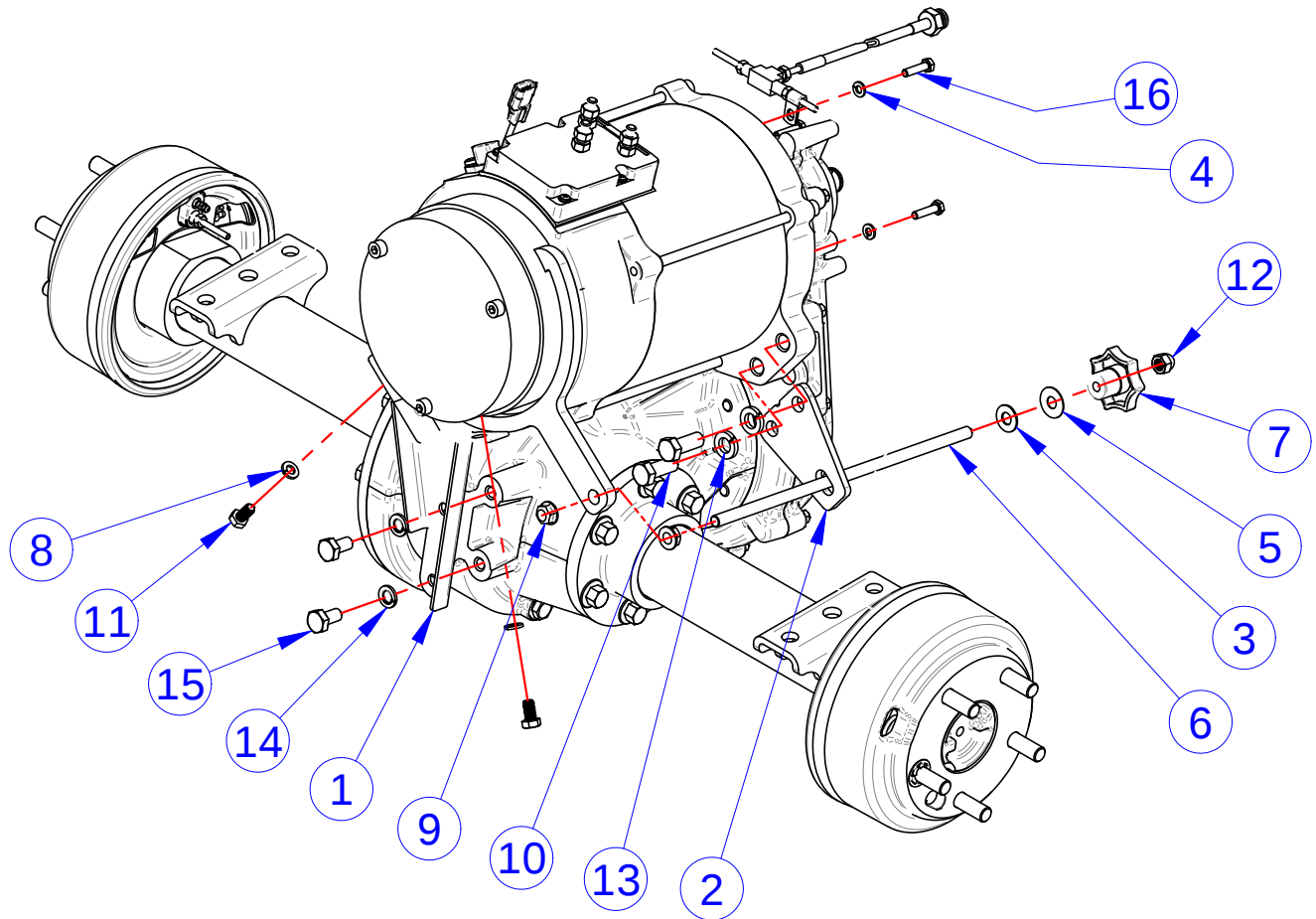
8KW MOTOR



ITEM	CVG P/N	DESCRIPTION	QTY	REF #
1-7	CVG761699	MOTOR, 8KW, EM BRAKE, PT1000	1	761699
1	CVG761620	FIXING SET	1	761620
2	CVG761621	BRACKET, DRIVE END	1	761621
3	CVG761625	PLATE, CONNECTION	1	761625
4	CVG761621	BRACKET, REAR END	1	761621
5	CVG761622	BEARING, 8KW MOTOR	1	761622
6	CVG761623	SENSOR, MOTOR SPEED	1	761623
7	CVG761624	BRAKE, 8KW MOTOR	1	761624

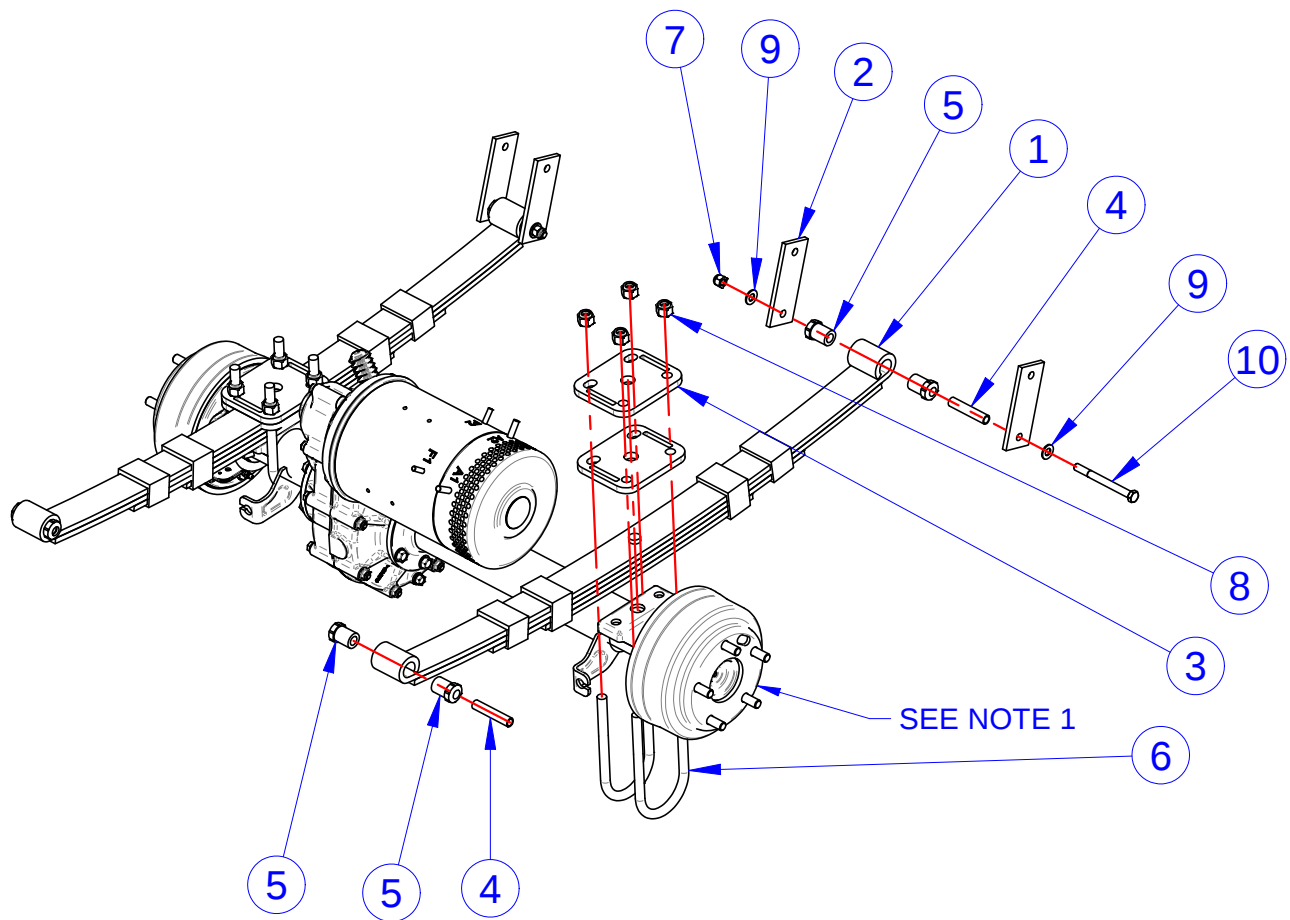
NOTE: Items with * in tables indicates parts not shown in drawing

REAR SUSPENSION MOTOR HARDWARE



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG314869	WLDMT, MOTOR BRACE, PL-SUP	1	314869
2	CVG517073	BRKT, BRAKE RELEASE	1	517073
3	CVG708859	WASHER, 3/8, STD, FW, 18-8SS	1	708859
4	CVG719378	WSHR, 1/4 (M6), L/W, SPLIT, 18-8, S/S	3	719378
5	CVG719667	WASHER, 0.390 X 1.000 X 0.030, F/W, NYL	1	719667
6	CVG761286	ROD, BRAKE RELEASE	1	761286
7	CVG761290	KNOB, STAR, 50MM OD, 3/8-16 THRU	1	761290
8	CVG781621	WSHR, 5/16, L/W, SPLIT, 18-8, S/S	2	781621
9	CVG781701	NUT, 3/8-16 FLANGE 2-WAY LOCK, S/S	2	781701
10	CVG782247	SCREW, M12-1.75X30MM, HHCS, 10.9, BLK M	2	782247
11	CVG782727	SCR, M8-1.25 X 16 MM, HHCS, A2, S/S	2	782727
12	CVG782761	NUT, 3/8-16, ACORN, 18-8, S/S	1	782761
13	CVG782762	WSHR, 1/2, (M12), L/W, SPLIT, HEAVY, MAGNI 525	2	782762
14	CVG782961	WSHR, (3/8) M10, MSLW, A2, SS	2	782961
15	CVG783099	SCR, M10-1.5 X 20MM, HCS, A2, SS	2	783099
16	CVG783118	SCR, M6-1.0 X 25MM, HCS, A2, SS	3	783118

NOTE: Items with * in tables indicates parts not shown in drawing

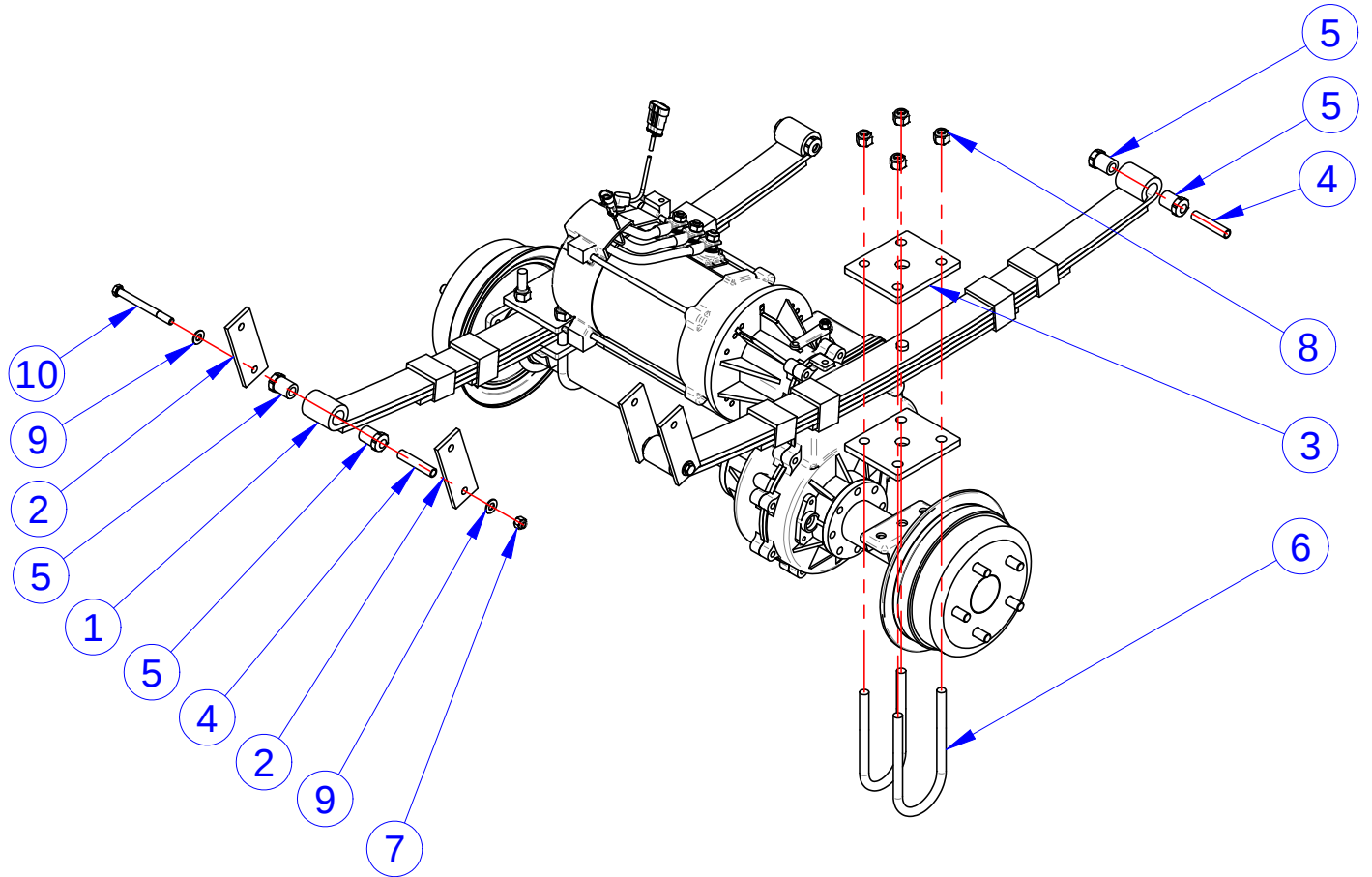


NOTES: (1) For brake hub replacement parts, see 'Rear Brake Hub' in 'Brake' section.

ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG468295	P&A SET, LEAF SPRNG ASM, 4-LEAF SSPN	SET	709382
	CVG468297	P&A SET, SPRING 7 LEAF	SET	739587
2	CVG510364	SUSP SPR SHACKLE	4	510364
3	CVG517871	PLATE, AXLE MT, ST/LT	4	517871
4	CVG517946PL	SPACER, 0.50 X 2.50	4	517946
5	CVG709015	BUSHING, RUBBER, 1/2X 1-3/8	8	709015
6	CVG782102	U-BOLT, 1/2-13 X 6.75 IL X 2.81 IW, MAGNI 525	4	782102
7	CVG782118	NUT, 3/8-16, L/N, NYL, NE, G8, MAGNI 525	2	782118
8	CVG782739	NUT, 1/2-13, L/N, NYL, NE, G8, MAGNI 525	8	782739
9	CVG782740	WSHR, 3/8(M10), SAE, FW, G8, MAGNI 525	4	782740
10	CVG782963	SCR, 3/8-16 X 4, HHCS, G8, MAGNI 525	2	782963

NOTE: Items with * in tables indicates parts not shown in drawing

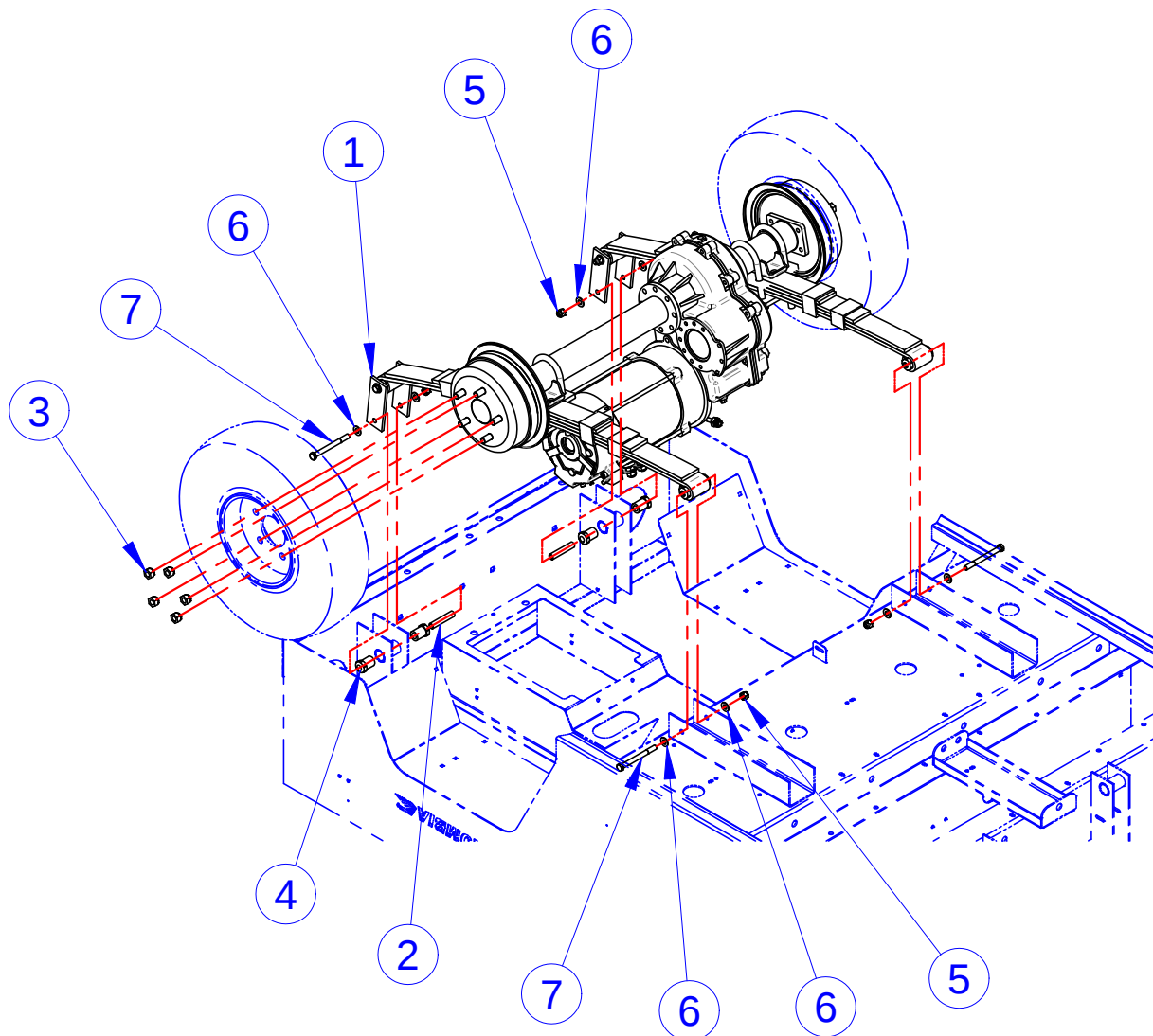
REAR SUSPENSION SPRINGS FOR 20:1



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG468295	P&A SET, LEAF SPRNG ASM, 4-LEAF SSPN	1	468295
2	CVG510364	CPC SUSPENSION SPRING SHACKLE	4	510364
3	CVG516415	REAR SPRING PLATE, BC IMAG AXLES	4	516415
4	CVG517946PL	SPACER, 0.50 X 2.50	4	517946
5	CVG709015	BUSHING, RUBBER, 1/2X 1-3/8	8	709015
6	CVG782102	U-BOLT, 1/2-13 X 6.75 IL X 2.81 IW, MAGNI 525	2	782102
7	CVG782118	NUT, 3/8-16, L/N, NYL, NE, G8, MAGNI525	2	782118
8	CVG782739	NUT, 1/2-13, L/N, NYL, NE, G8, MAGNI 525	8	782739
9	CVG782740	WSHR, 3/8(M10), SAE, F/W, G8, MAGNI525	4	782740
10	CVG782963	SCR, 3/8-16 X 4, HHCS, G8, MAGNI 525	2	782963

NOTE: Items with * in tables indicates parts not shown in drawing

REAR SUSPENSION



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	NONE	ASSY, REAR SPNSN, 16.77, HD, BC3	1	467836
	NONE	ASSY, REAR SPNSN, 10.37, SD, BC2	1	467940
	NONE	ASSY, REAR SPNSN, 16.77, SD, BC2	1	467943
	NONE	ASSY, REAR SPNSN, 10.37 19/67, 5KW, BC2	1	468097
	NONE	ASSY, REAR SPNSN, 16.77 19/67, 8KW, BC3	1	468098
	NONE	REAR SPNSN, 24.29, 8KW, PL-SUP	1	468303
	NONE	ASSY, REAR SPNSN, 20:1, 8KW, BC4	1	468825
2	CVG517946PL	SPACER, 0.50 X 2.50	2	517946
3	CVG709002	NUT, 1/2-20, TAPERED WHEEL	10	709002
4	CVG709015	BUSHING, RUBBER, 1/2X 1-3/8	4	709015
5	CVG782118	NUT, 3/8-16, L/N, NYL, NE, G8, MAGNI525	4	782118
6	CVG782740	WSHR, 3/8(M10), SAE, FW, G8, MAGNI525	8	782740
7	CVG782963	SCR, 3/8-16 X 4, HHCS, G8, MAGNI 525	4	782963

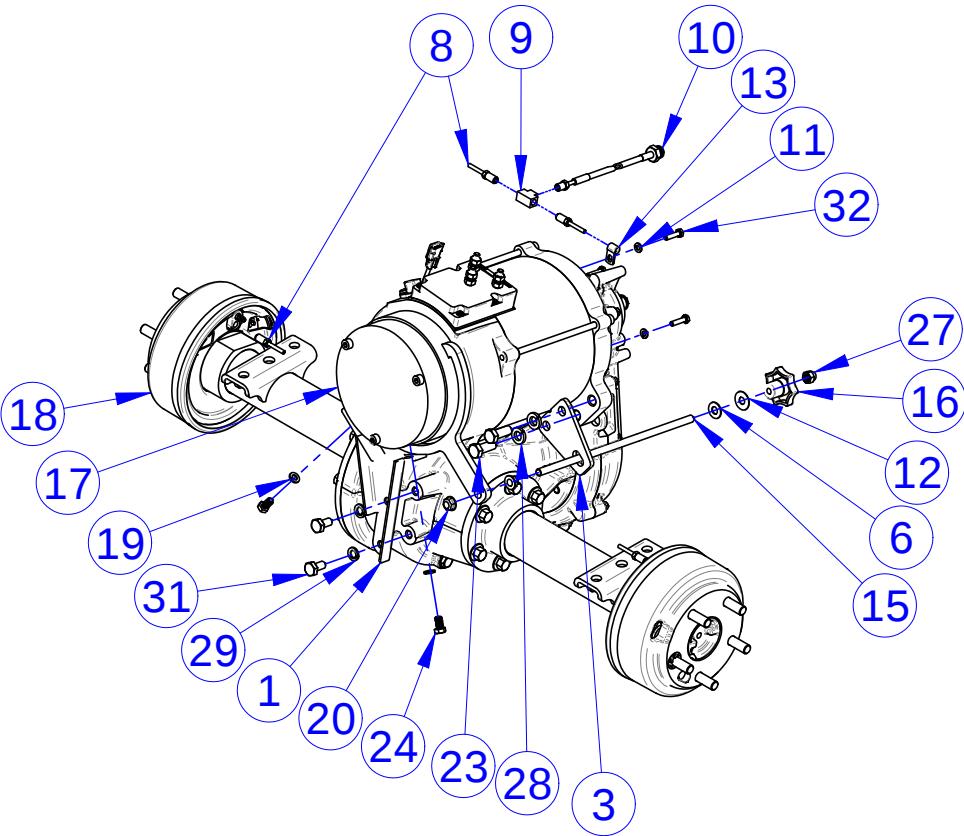
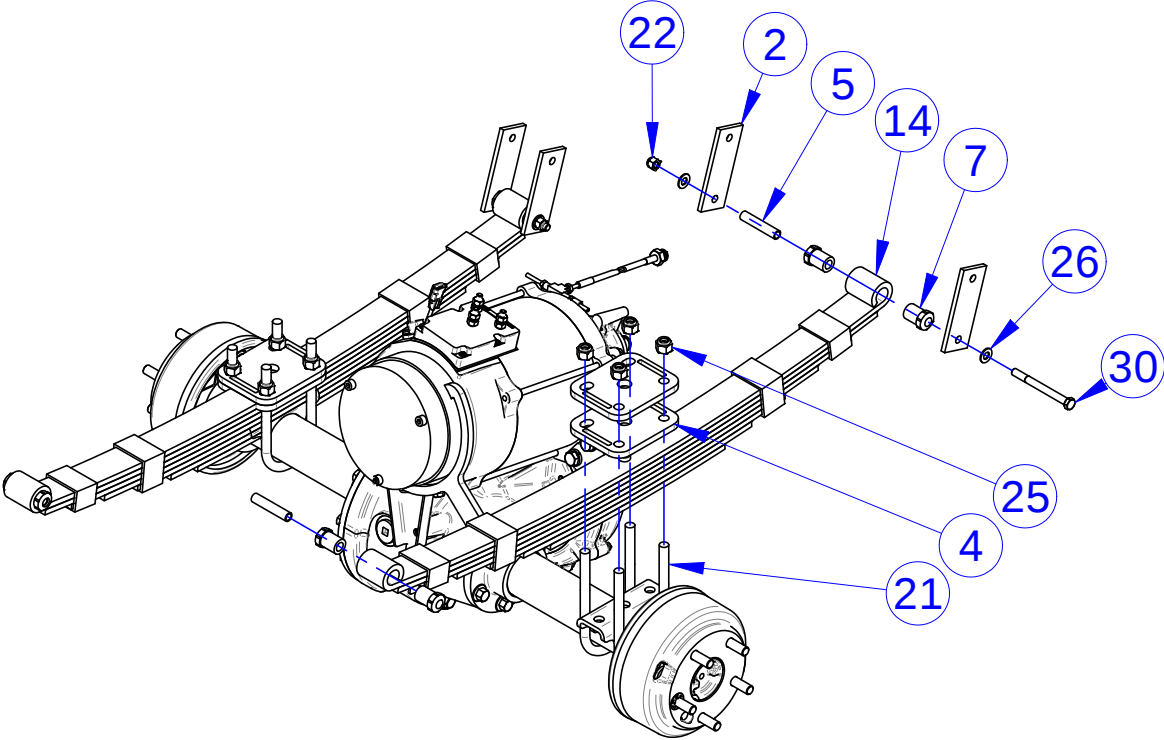
NOTE: Items with * in tables indicates parts not shown in drawing

VIEWS FOR BOM ON NEXT PAGE

ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG314869	WLDMT, MOTOR BRACE, PL-SUP	1	314869
2	CVG510364	SUSP SPR SHACKLE	4	510364
3	CVG517073	BRKT, BRAKE RELEASE	1	517073
4	CVG517871	PLATE, AXLE MT, ST/LT	4	517871
5	CVG517946PL	SPACER, 0.50 X 2.50	4	517946
6	CVG708859	WASHER,3/8,STD,FW,18-8SS	1	708859
7	CVG709015	BUSHING, RUBBER, 1/2X 1-3/8	8	709015
8	CVG709232	BRAKE LINE, 3/16 X 30	2	709232
9	CVG709377	UNION TEE,3/16",HYD BRAKE TUBE	1	709377
10	CVG709430	BRAKE HOSE, HYD, FLEX, 18"	1	709430
11	CVG719378	WSHR, 1/4 (M6), L/W, SPLIT, 18-8, S/S	3	719378
12	CVG719667	WASHER, 0.390 X 1.000 X 0.030, F/W, NYL	1	719667
13	CVG719756	CLAMP,1/4",STL TUBE,VINYL CUSHION	1	719756
14	CVG739587	LEAF SPRING, BC 7-LEAF	2	739587
15	CVG761286	ROD, BRAKE RELEASE	1	761286
16	CVG761290	KNOB,STAR,50MM OD, 3/8-16 THRU	1	761290
17	CVG761699	MOTOR, 8KW, EM BRAKE, PT1000	1	761699
18	CVG761799	AXLE, SCHAFFER, 3500 LB, 24.29:1	1	761799
19	CVG781621	WSHR, 5/16, L/W, SPLIT, 18-8, S/S	2	781621
20	CVG781701	NUT, 3/8-16 FLANGE 2-WAY LOCK, S/S	2	781701
21	CVG782102	U-BOLT, 1/2-13 X 6.75 IL X 2.81 IW, MAGNI 525	4	782102
22	CVG782118	NUT,3/8-16,L/N,NYL,NE,G8,MAGNI525	2	782118
23	CVG782247	SCREW,M12-1.75X30MM,HHCS,10.9,BLK M	2	782247
24	CVG782727	SCR, M8-1.25 X 16 MM, HHCS, A2, S/S	2	782727
25	CVG782739	NUT, 1/2-13, L/N, NYL, NE, G8, MAGNI 525	8	782739
26	CVG782740	WSHR,3/8(M10),SAE,F/W,G8,MAGNI525	4	782740
27	CVG782761	NUT, 3/8-16, ACORN, 18-8, S/S	1	782761
28	CVG782762	WSHR, 1/2, (M12), L/W, SPLIT, HEAVY, MAGNI 525	2	782762
29	CVG782961	WSHR, (3/8) M10, MSLW, A2, SS	2	782961
30	CVG782963	SCR, 3/8-16 X 4, HHCS, G8, MAGNI 525	2	782963
31	CVG783099	SCR, M10-1.5 X 20MM, HCS, A2, SS	2	783099
32	CVG783118	SCR, M6-1.0 X 25MM, HCS, A2, SS	3	783118

NOTE: Items with * in tables indicates parts not shown in drawing

REAR SUSPENSION, 24.29



NOTE: Items with * in tables indicates parts not shown in drawing

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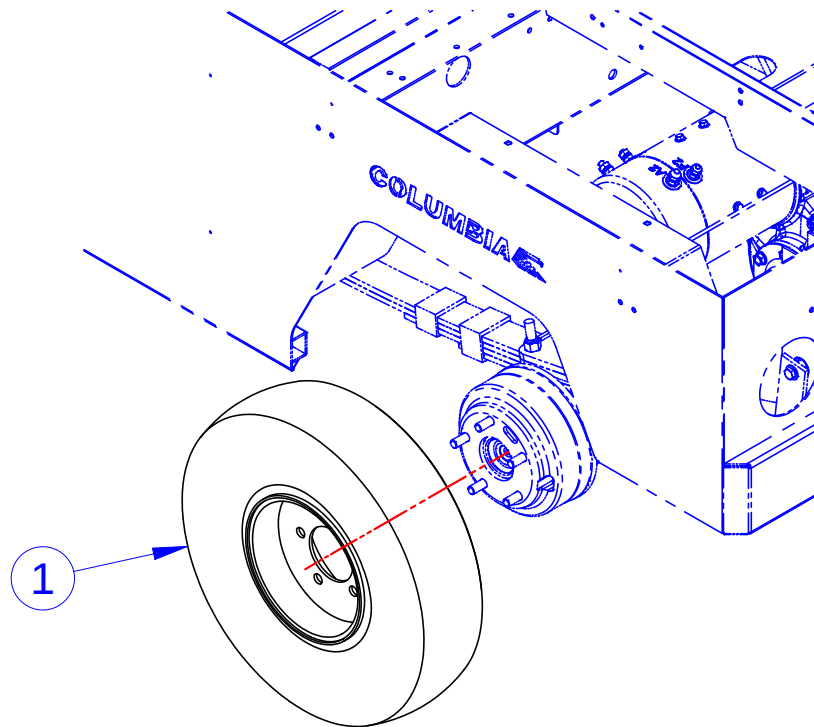
COLUMBIA

PAYLOADER

PARTS MANUAL SECTION 4

WHEELS

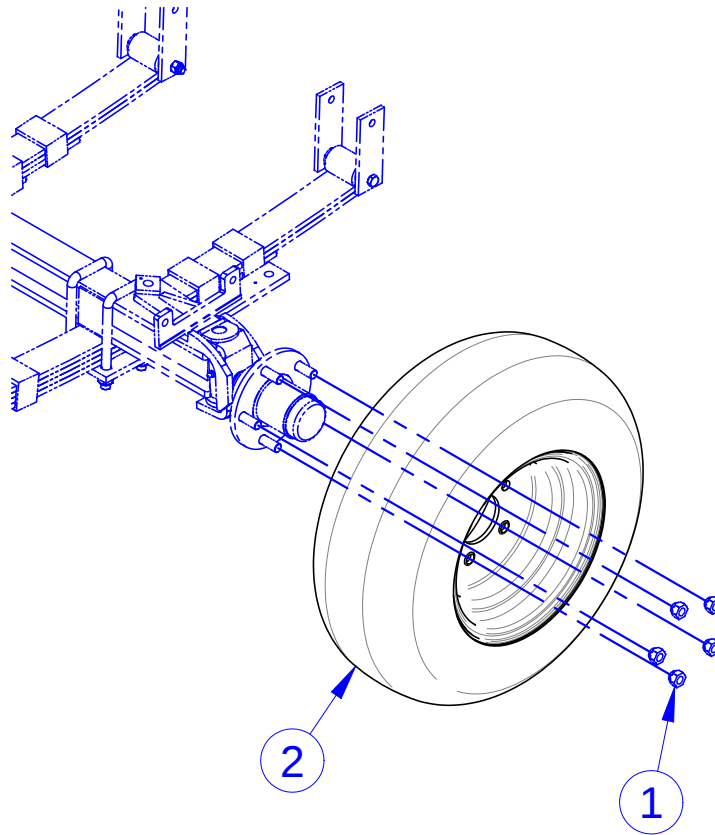
WHEELS



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1*	CVG709002	NUT, 1/2-20, TAPERED WHEEL	5	709002
2	CVG709354	TIRE/WHEEL ASSY, 5.70X8 LRD 5-HOLE	4	709354
	CVG709907	TIRE/WHEEL ASSY, 18.5X8.5-8 5-HOLE	4	709907
	CVG719263	TIRE/WHEEL ASSY, 500X-8, 10 PLY	4	719263
	CVG729879	TIRE/WHEEL 5.0X8 SLD NONMARK 5-HOLE	4	729879
	CVG760325	TIRE/WHEEL ASSY,5-H,5.7X8, NONMARK,LRC	4	760325
	CVG761740	TIRE/WHEEL ASSY 5.7X8,FLEX FOAM	4	761740

NOTE: Items with * in tables indicates parts not shown in drawing

WHEELS



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG709002	NUT, 1/2-20, TAPERED WHEEL	5	709002
2*	CVG761166	TIRE PRESSURE LABEL, 45PSI	4	761166
3	CVG759849	TIRE/WHEEL 145R12 HIGH SPEED 5-HOLE	4	759849
	CVG761197	ASSY, TIRE/WHEEL, 205/65-10, 5-BOLT	4	761197

NOTE: Items with * in tables indicates parts not shown in drawing

NOTE: Items with * in tables indicates parts not shown in drawing

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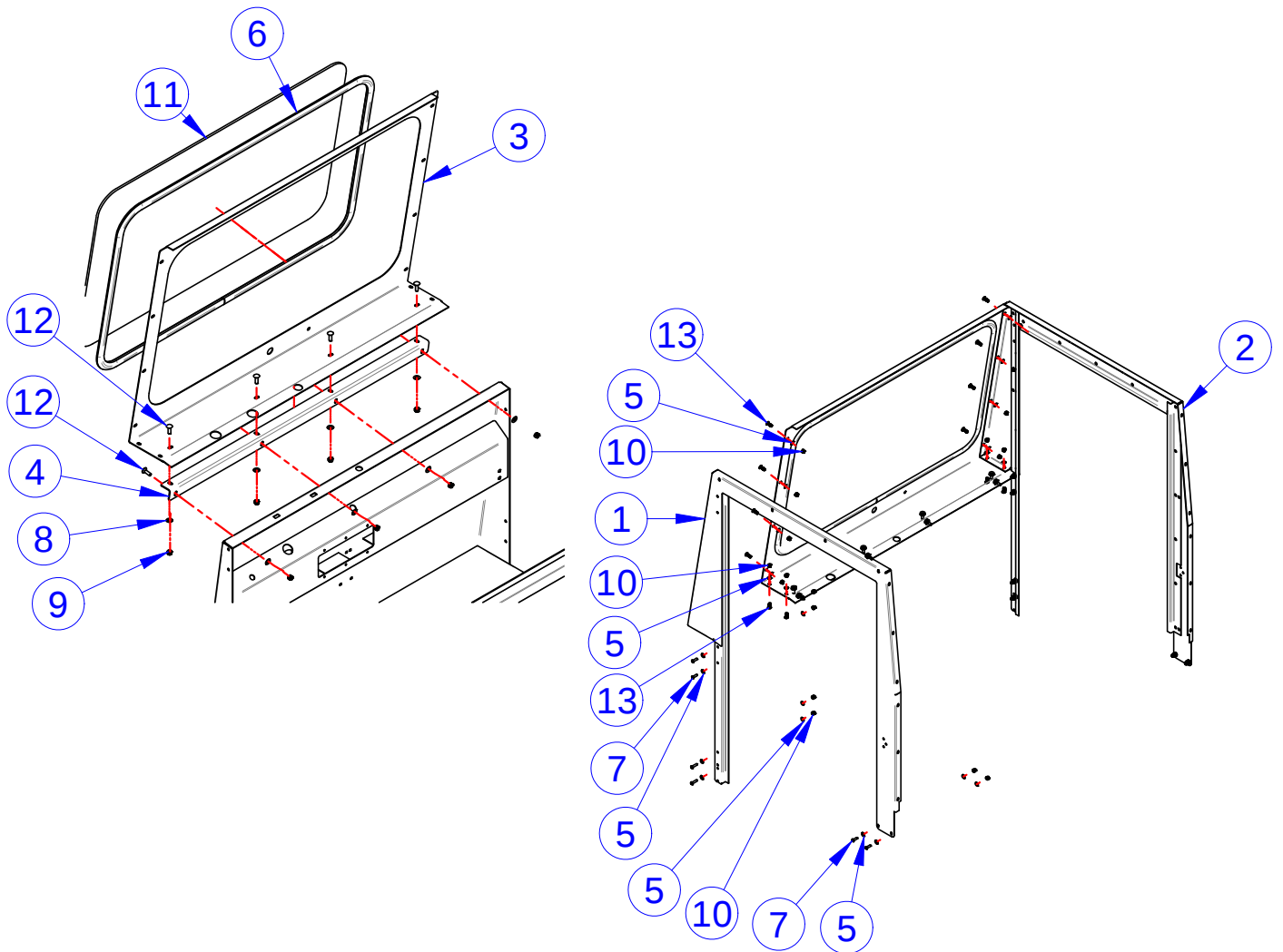
PAYLOADER

PARTS MANUAL SECTION 5

BODY



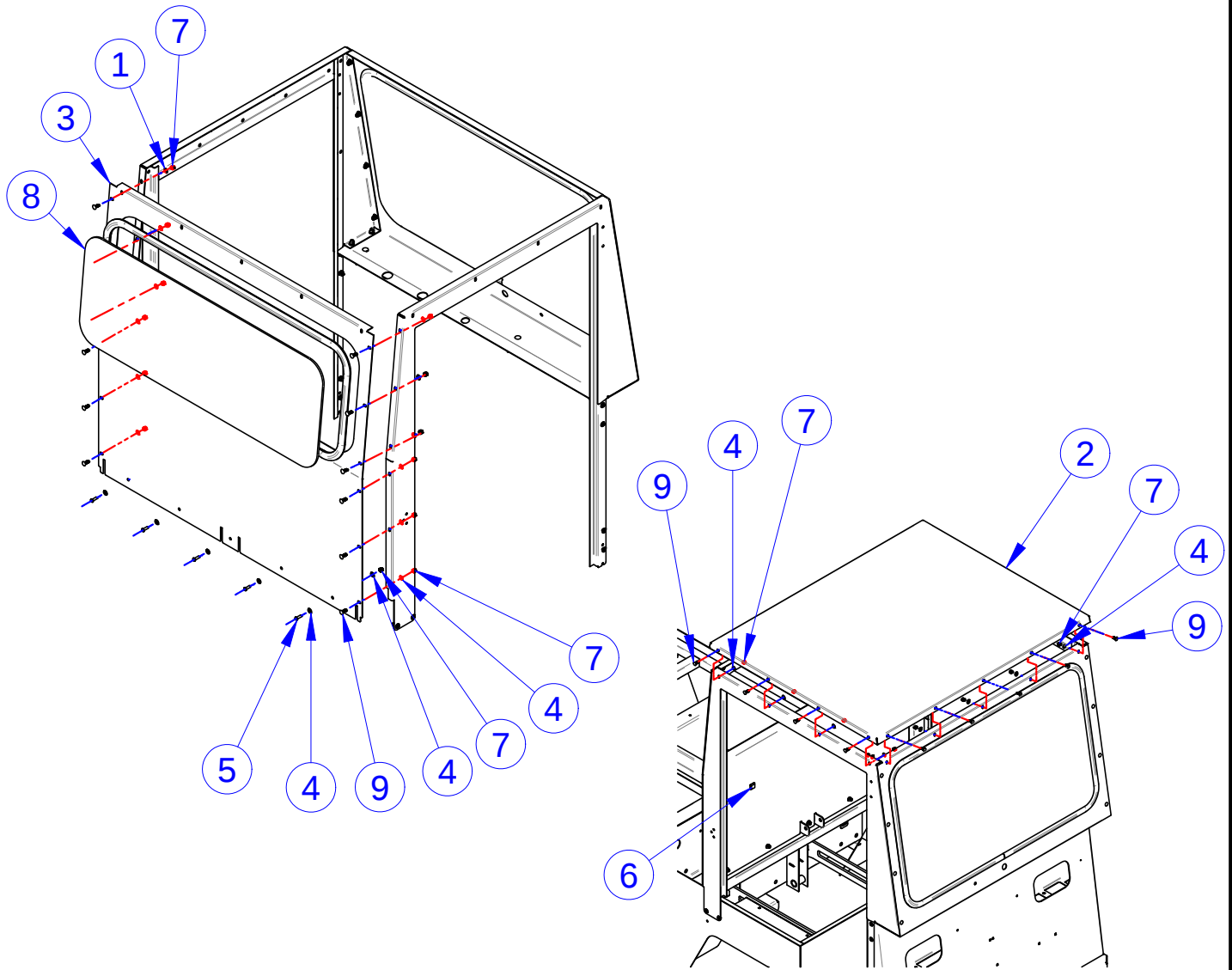
CAB



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG308432	WLDMT, PANEL, LH, CAB, PL	1	308432
2	CVG308433	WLDMT, PANEL, RH, CAB, PL	1	308433
3	CVG511221	PANEL, FRONT, CAB, PL	1	511221
4	CVG511225	BRKT, CAB FRONT, PL	1	511225
5	CVG708511	WASHER, FLAT, 1/4", 18-8SS	5	708511
6*	CVG719163	WEATHER STRIPPING, SELF-SEALING	19.67	719163
7	CVG719374	SCREW, 1/4-20X3/4", BHCS, 18-8SS	2	719374
8	CVG719375	WSHR, 5/16X0.750X0.040, F/W, 18-8S/S	1	719375
9	CVG719377	NUT, 5/16-18, L/N, NYL, NE, 18-8SS	1	719377
10	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	3	719876
11	CVG468089	WINDSHIELD, GLASS, FR - MVP	1	760450
12	CVG761292	SCR, 5/16-18X1.0, CARR, 18-8S/S	2	761292
13	CVG781739	SCR, 1/4-20 X 0.75, CARR, 18-8, S/S	2	781739

NOTE: Items with * in tables indicates parts not shown in drawing

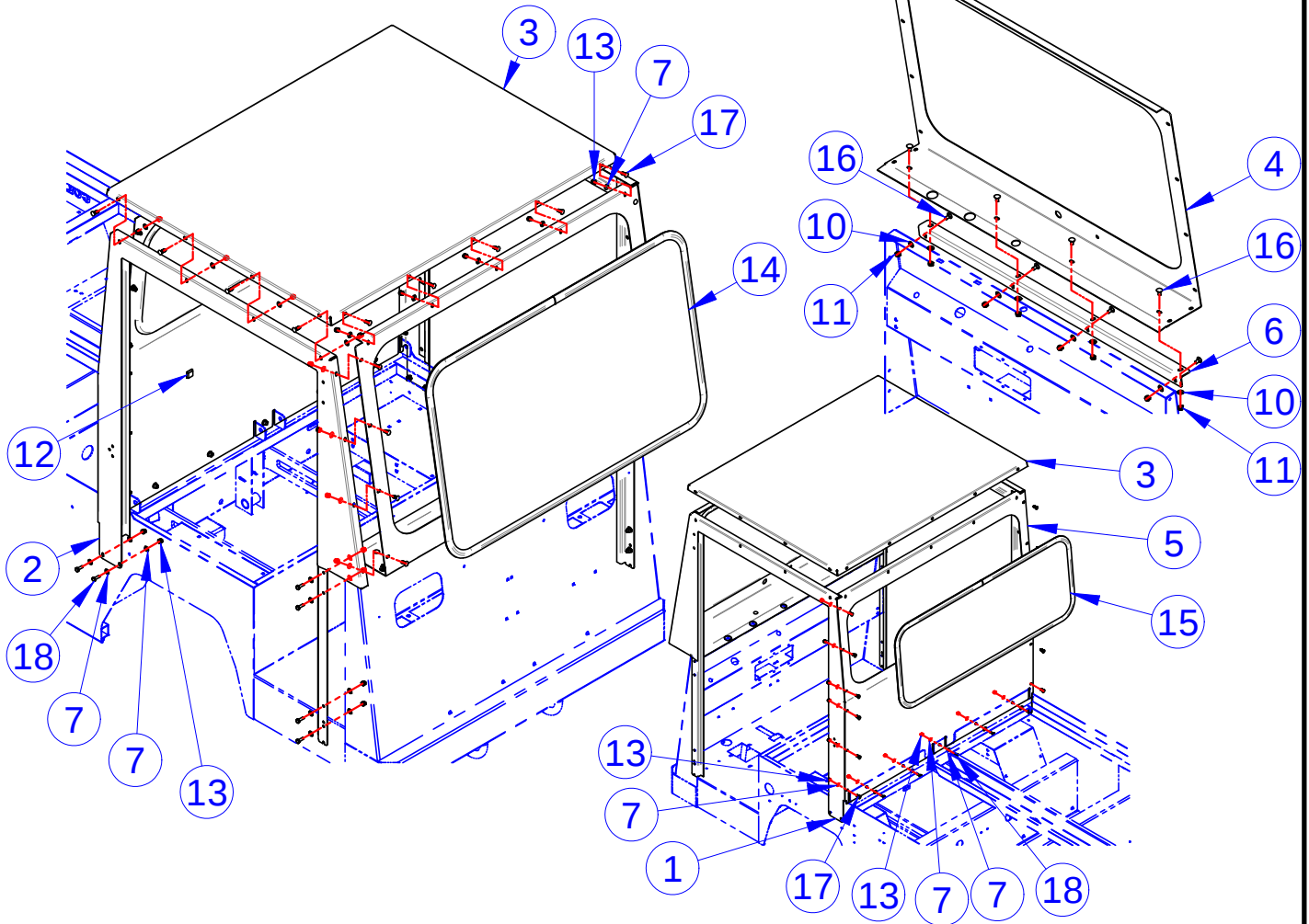
CAB



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG308432	WLDMT, PANEL, LH, CAB, PL	1	308432
2	CVG308473	WLDMT, PANEL, TOP, CAB, PL	1	308473
3	CVG511222	PANEL, REAR, CAB, PL	1	511222
4	CVG708511	WASHER, FLAT, 1/4", 18-8SS	5	708511
5	CVG719374	SCREW, 1/4-20X3/4", BHCS, 18-8SS	1	719374
6	CVG719738	BUMPER BLACK 3M#SJ5023	1	719738
7	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	5	719876
8	CVG760538	GLASS, TMPD - REAR, MVP	1	760538
9	CVG781739	SCR, 1/4-20 X 0.75, CARR, 18-8, S/S	3	781739

NOTE: Items with * in tables indicates parts not shown in drawing

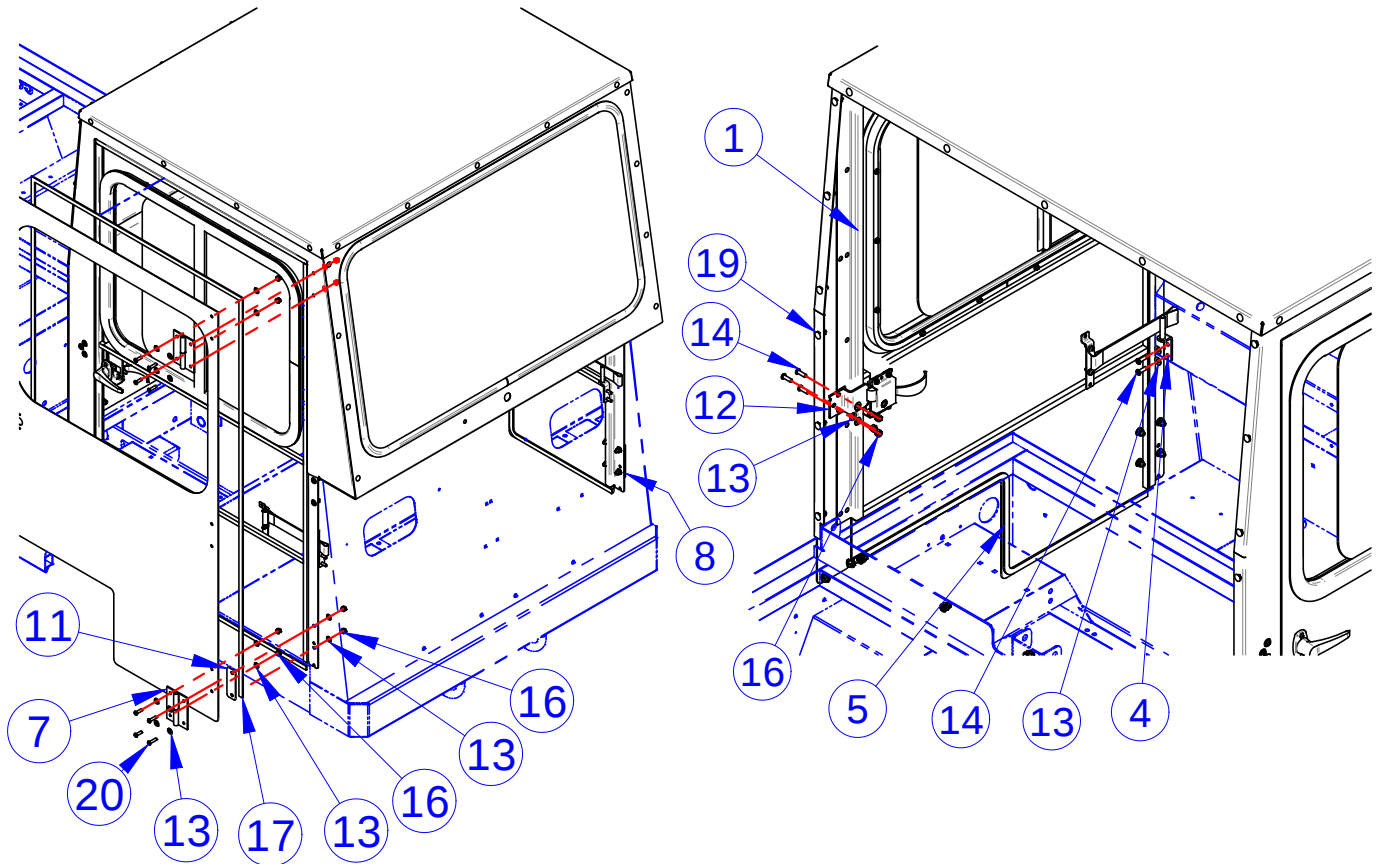
CAB WITHOUT DOORS



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG308432	WLDMT, PANEL, LH, CAB, PL	1	308432
2	CVG308433	WLDMT, PANEL, RH, CAB, PL	1	308433
3	CVG308473	WLDMT, PANEL, TOP, CAB, PL	1	308473
4	CVG511221	PANEL, FRONT, CAB, PL	1	511221
5	CVG511222	PANEL, REAR, CAB, PL	1	511222
6	CVG511225	BRKT, CAB FRONT, PL	1	511225
7	CVG708511	WASHER, FLAT, 1/4", 18-8SS	76	708511
8*	CVG719163	WEATHER STRIPPING, SELF-SEALING, 236" LG	19.67	719163
9*	CVG719355	MOLDING, BLACK	19.70	719355
10	CVG719375	WSHR,5/16X0.750X0.040,F/W,18-8S/S	8	719375
11	CVG719377	NUT, 5/16-18, L/N, NYL, NE, 18-8SS	8	719377
12	CVG719738	BUMPER BLACK 3M#SJ5023	2	719738
13	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	59	719876
14*	CVG468089	WINDSHIELD, GLASS, FR - MVP	1	760450
15*	CVG760538	GLASS, TMPD - REAR, MVP	1	760538
16	CVG761642	SCREW,5/16-18-5/8,CARR,18-8 SS	8	761642
17	CVG781739	SCR, 1/4-20 X 0.75, CARR, 18-8, S/S	42	781739
18	CVG782784	SCREW,1/4-20X3/4,HHCS,18-8SS	17	782784

NOTE: Items with * in tables indicates parts not shown in drawing

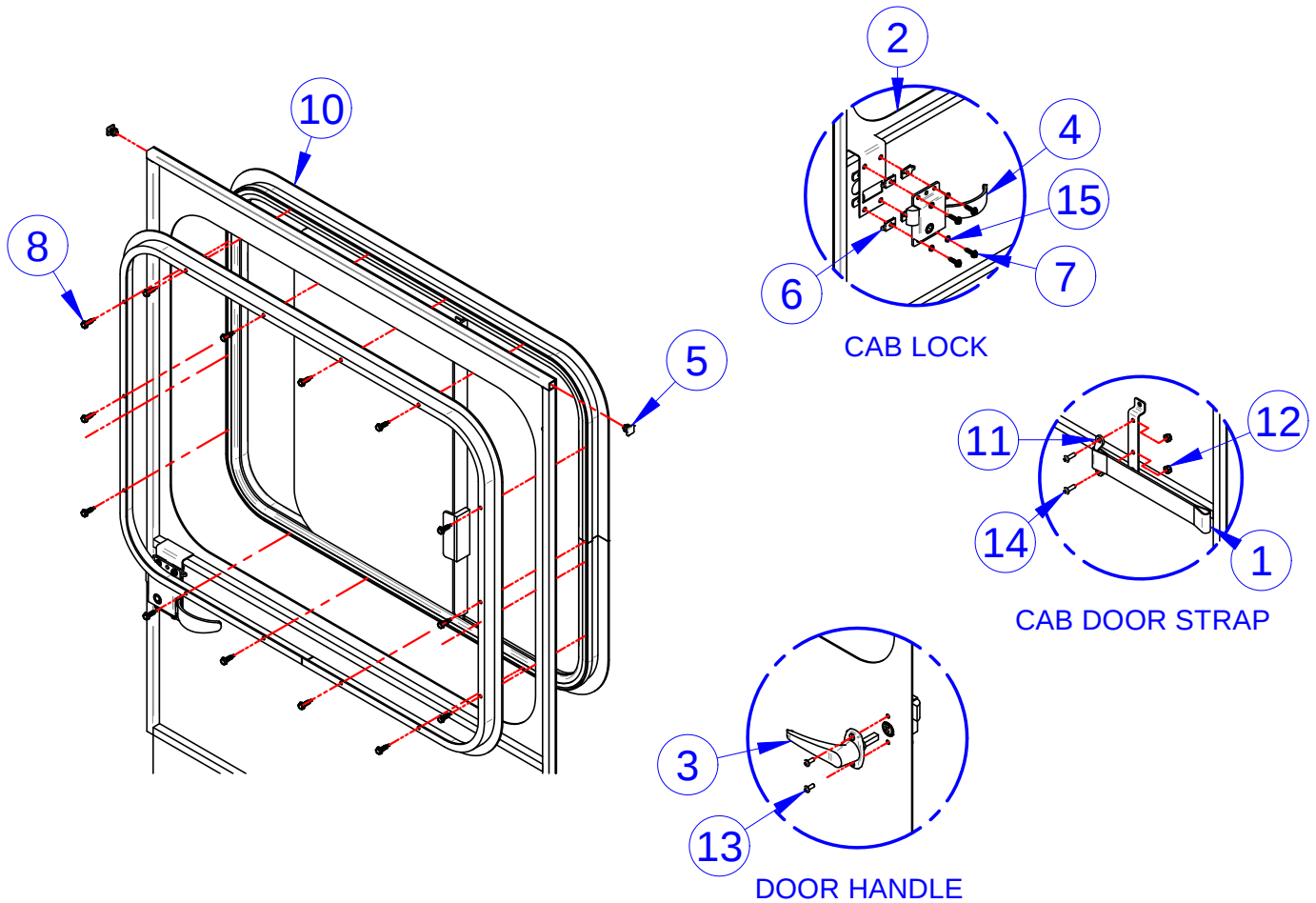
CAB, DOORS



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG308432	WLDMT, PANEL, LH, CAB, PL	1	308432
2*	CVG308433	WLDMT, PANEL, RH, CAB, PL	1	308433
3*	CVG308473	WLDMT, PANEL, TOP, CAB, PL	1	308473
4	CVG314294	WLDMT, DOOR STRAP HOOK	2	314294
5	NONE	ASSY, CAB DOOR, STL, LH, PL	1	467859
	NONE	ASM, BC LCKING LH CAB DOOR, STL, BC	1	467861
6*	NONE	ASSY, CAB DOOR, STL, LH, PL	1	467860
	NONE	ASM, BC LCKING RH CAB DOOR, STL, BC	1	467862
7	CVG509197	HINGE, LIFT-OFF, CAB RH	2	509197
8	CVG509198	HINGE, LIFT-OFF, CAB LH	2	509198
9*	CVG511221	PANEL, FRONT, CAB, PL	1	511221
10*	CVG511225	BRKT, CAB FRONT, PL	1	511225
11	CVG511269	PL, SPACER - DOOR HINGE	2	511269
12	CVG511827TB	LATCH, DOOR, CAB, PL	2	511827
13	CVG708511	WASHER, FLAT, 1/4", 18-8SS	116	708511
14	CVG719374	SCREW, 1/4-20X3/4", BHCS, 18-8SS	31	719374
15*	CVG719375	WSHR, 5/16X0.75X0.040, F/W, 18-8S/S	8	719375
16	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	77	719876
17	CVG739272	TAPE, FOAM, 1/8 X 1/2	20.00	739272
18*	CVG761292	SCR, 5/16-18X1.0, CARR, 18-8S/S	8	761292
19	CVG781739	SCR, 1/4-20 X 0.75, CARR, 18-8, S/S	42	781739
20	CVG782719	SCR, 1/4-20 X 1, BSHCS, 18-8, S/S	8	782719

NOTE: Items with * in tables indicates parts not shown in drawing

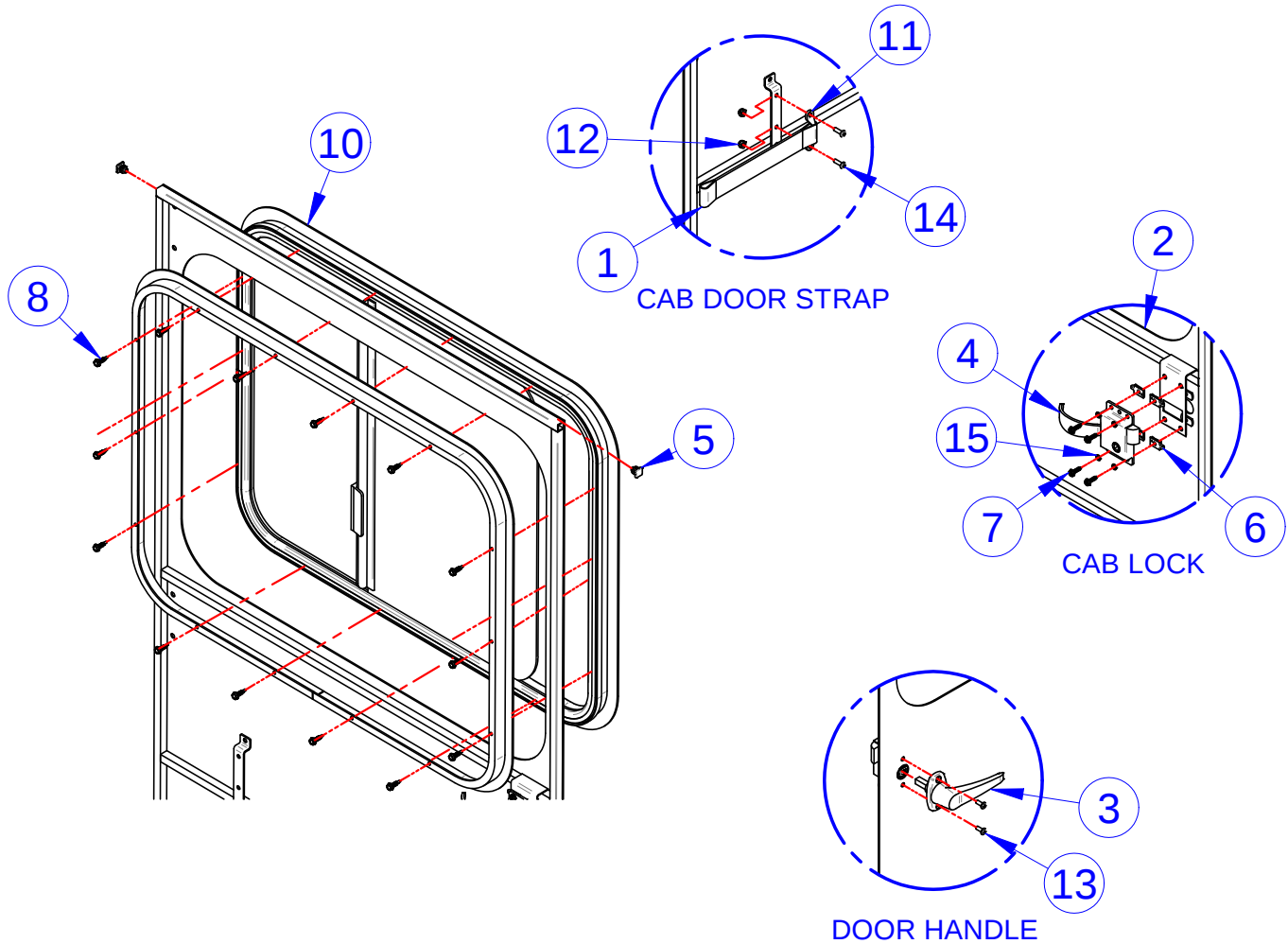
LEFT HAND CAB DOOR



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG309370	STRAP, CAB DOOR	1	309370
2	CVG311087	WLDMT, DOOR, LH, PL	1	311087
3	CVG709282	HANDLE, DOOR, CHROME, NON-LOCKING	1	709282
4	CVG709524	CAB LOCK, W/INSIDE HANDLE, LH	1	709524
5	CVG719425	PLUG, 1/2" SQ X 16-18GA	2	719425
6	CVG719538	NUT, TINNEMAN, #10 U-TYPE	4	719538
7	CVG719563	SCREW, #10X3/4, SHWH, T/S, TA, ZC	4	719563
8	CVG719583	SCREW, 10-16X3/4, HWH, TEK, MAG525	14	719583
9*	CVG739272	TAPE, FOAM, 1/8 X 1/2	8	739272
10	CVG749709	WINDOW, BC CAB, SLIDING LH	1	749709
11	CVG760404	FIXED STRAP RETAINER	1	760404
12	CVG761631	NUT, #10-24 GRD 18-8 NM SS NYLOCK	2	761631
13	CVG761632	SCREW, #10-24X1/2" PPH GRD 18-8 SS	2	761632
14	CVG761633	SCREW, 10-24X5/8, PPHMS, 18-8SS	2	761633
15	CVG782706	WSHR, #10, L/W, SPLIT, 18-8, S/S	4	782706

NOTE: Items with * in tables indicates parts not shown in drawing

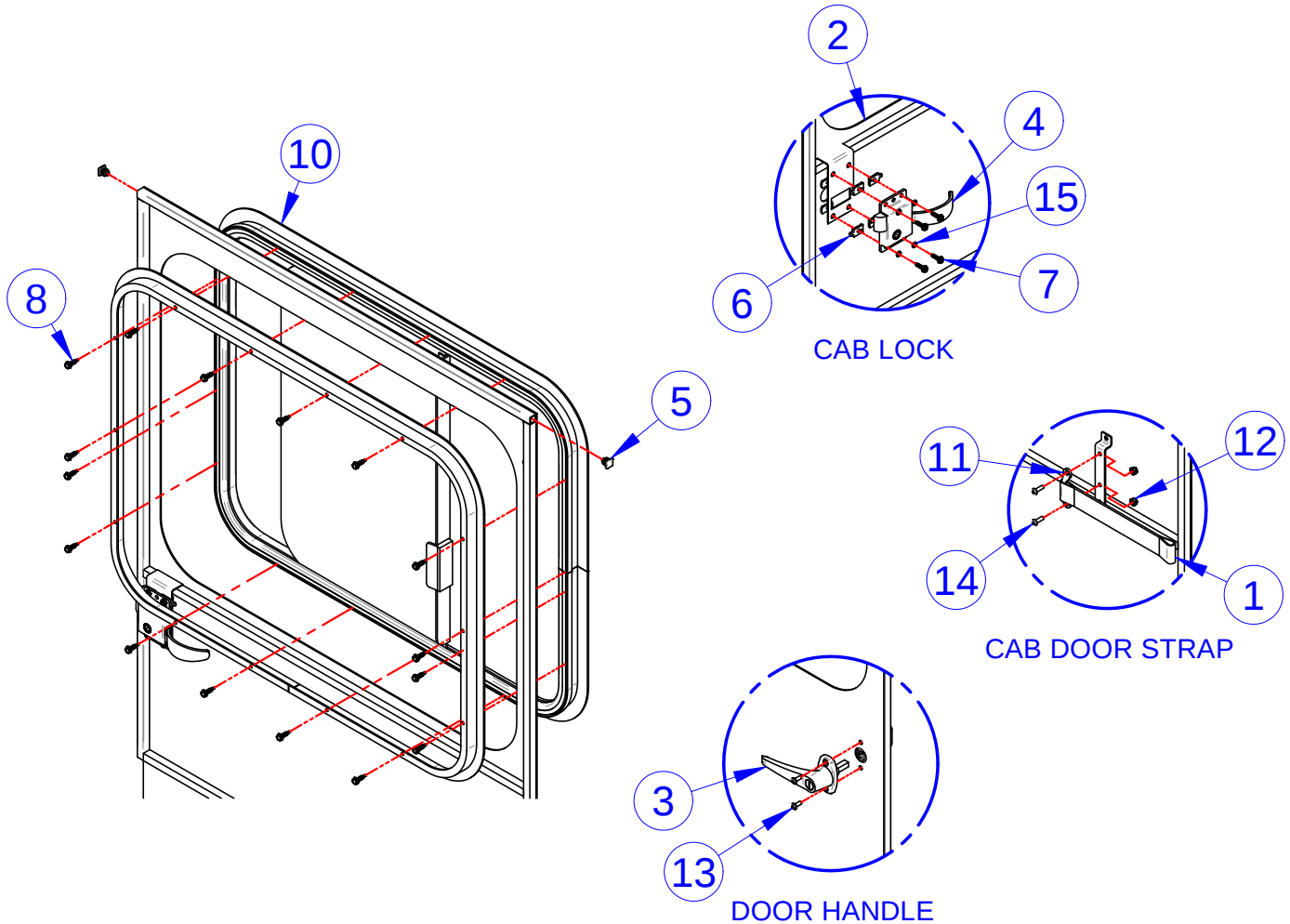
RIGHT HAND CAB DOOR



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG309370	STRAP, CAB DOOR	1	309370
2	CVG311086	WLDMT, DOOR, RH, PL	1	311086
3	CVG518603	HANDLE, DOOR, NON-LOCKING, PL	1	518603
4	CVG709523	CAB LOCK, W/INSIDE HANDLE, RH	1	709523
5	CVG719425	PLUG, 1/2" SQ X 16-18GA	2	719425
6	CVG719538	NUT, TINNEMAN, #10 U-TYPE	4	719538
7	CVG719563	SCREW, #10X3/4, SHWH, T/S, TA, ZC	4	719563
8	CVG719583	SCREW, 10-16X3/4, HWH, TEK, MAG525	14	719583
9*	CVG739272	TAPE, FOAM, 1/8 X 1/2	8	739272
10	CVG759743	WINDOW, BC CAB, SLIDING RH	1	759743
11	CVG760404	FIXED STRAP RETAINER	1	760404
12	CVG761631	NUT, #10-24 GRD 18-8 NM SS NYLOCK	2	761631
13	CVG761632	SCREW, #10-24X1/2" PPH GRD 18-8 SS	2	761632
14	CVG761633	SCREW, 10-24X5/8, PPHMS, 18-8SS	2	761633
15	CVG782706	WSHR, #10, L/W, SPLIT, 18-8, S/S	4	782706

NOTE: Items with * in tables indicates parts not shown in drawing

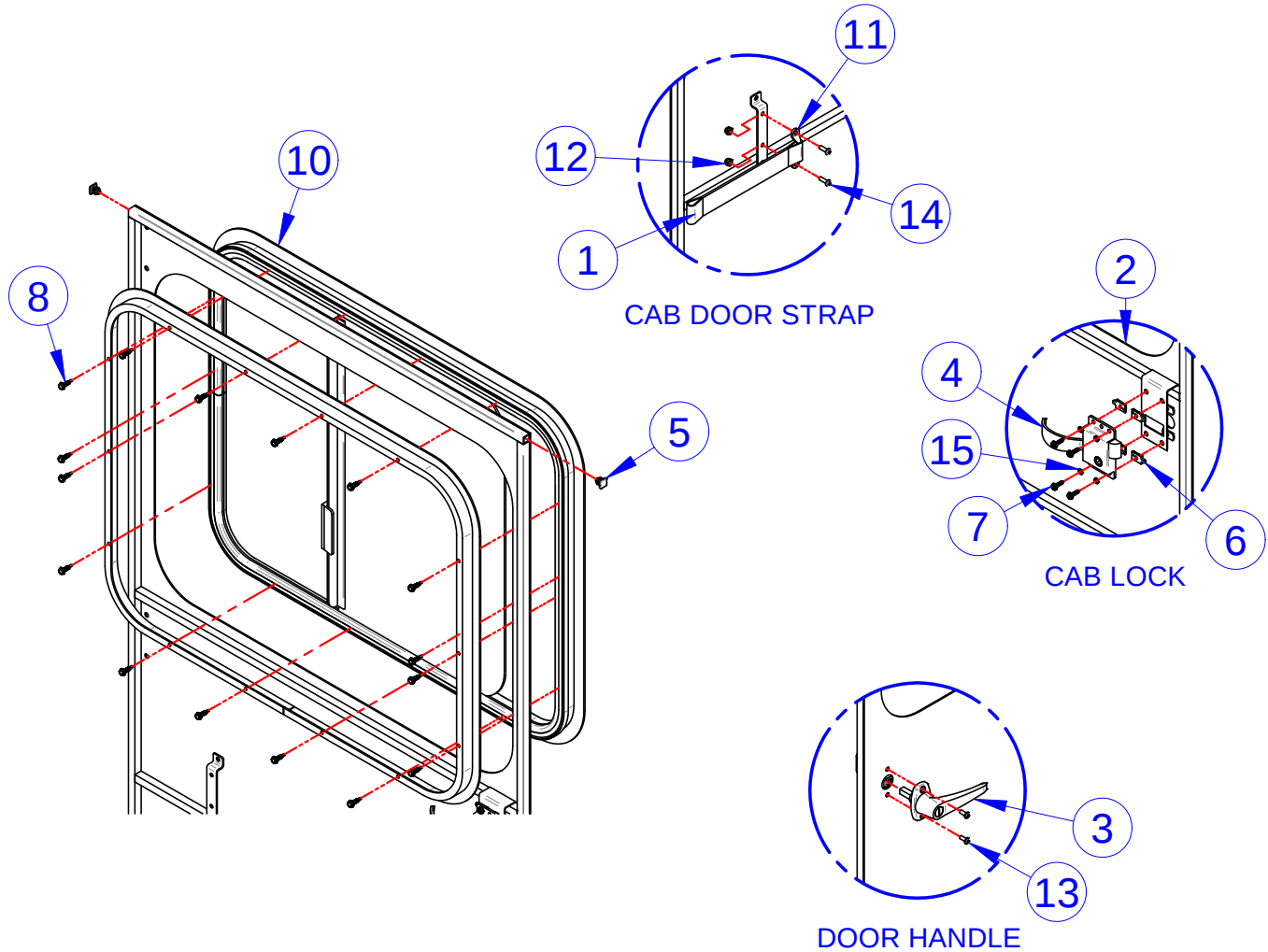
LEFT HAND LOCKING CAB DOOR



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG309370	STRAP, CAB DOOR	1	309370
2	CVG311087	WLDMT, DOOR, LH, PL	1	311087
3	CVG518604	HANDLE, DOOR, LOCKING, PL	1	518604
4	CVG709524	CAB LOCK, W/INSIDE HANDLE, LH	1	709524
5	CVG719425	PLUG, 1/2" SQ X 16-18GA	2	719425
6	CVG719538	NUT, TINNEMAN, #10 U-TYPE	4	719538
7	CVG719563	SCREW, #10X3/4, SHWH, T/S, TA, ZC	4	719563
8	CVG719583	SCREW, 10-16X3/4, HWH, TEK, MAG525	16	719583
9*	CVG739272	TAPE, FOAM, 1/8 X 1/2	8	739272
10	CVG749709	WINDOW, BC CAB, SLIDING LH	1	749709
11	CVG760404	FIXED STRAP RETAINER	1	760404
12	CVG761631	NUT, #10-24 GRD 18-8 NM SS NYLOCK	2	761631
13	CVG761632	SCREW, #10-24X1/2" PPH GRD 18-8 SS	2	761632
14	CVG761633	SCREW, 10-24X5/8, PPHMS, 18-8SS	2	761633
15	CVG782706	WSHR, #10, L/W, SPLIT, 18-8, S/S	4	782706

NOTE: Items with * in tables indicates parts not shown in drawing

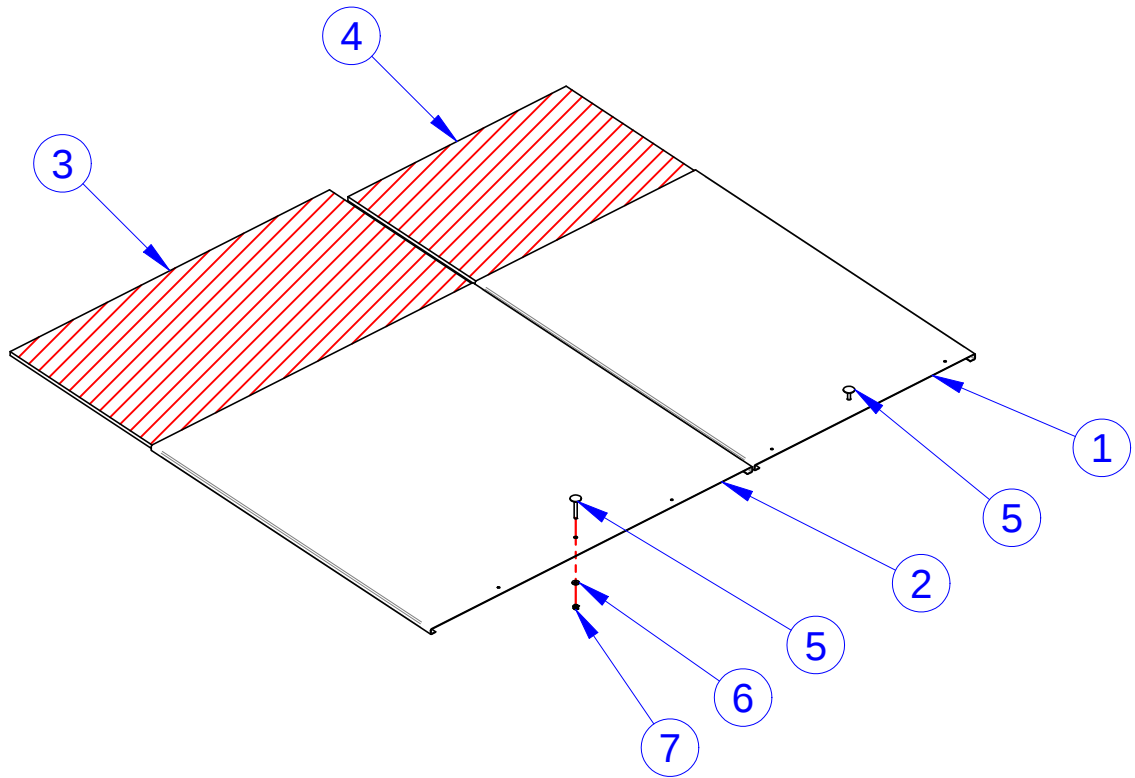
RIGHT HAND LOCKING CAB DOOR



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG309370	STRAP, CAB DOOR	1	309370
2	CVG311086	WLDMT, DOOR, RH, PL	1	311086
3	CVG518604	HANDLE, DOOR, LOCKING, PL	1	518604
4	CVG709523	CAB LOCK, W/INSIDE HANDLE, RH	1	709523
5	CVG719425	PLUG, 1/2" SQ X 16-18GA	2	719425
6	CVG719538	NUT, TINNEMAN, #10 U-TYPE	4	719538
7	CVG719563	SCREW, #10X3/4, SHWH, T/S, TA, ZC	4	719563
8	CVG719583	SCREW, 10-16X3/4, HWH, TEK, MAG525	16	719583
9*	CVG739272	TAPE, FOAM, 1/8 X 1/2	8	739272
10	CVG759743	WINDOW, BC CAB, SLIDING RH	1	759743
11	CVG760404	FIXED STRAP RETAINER	1	760404
12	CVG761631	NUT, #10-24 GRD 18-8 NM SS NYLOCK	2	761631
13	CVG761632	SCREW, #10-24X1/2" PPH GRD 18-8 SS	2	761632
14	CVG761633	SCREW, 10-24X5/8, PPHMS, 18-8SS	2	761633
15	CVG782706	WSHR, #10, L/W, SPLIT, 18-8, S/S	4	782706

NOTE: Items with * in tables indicates parts not shown in drawing

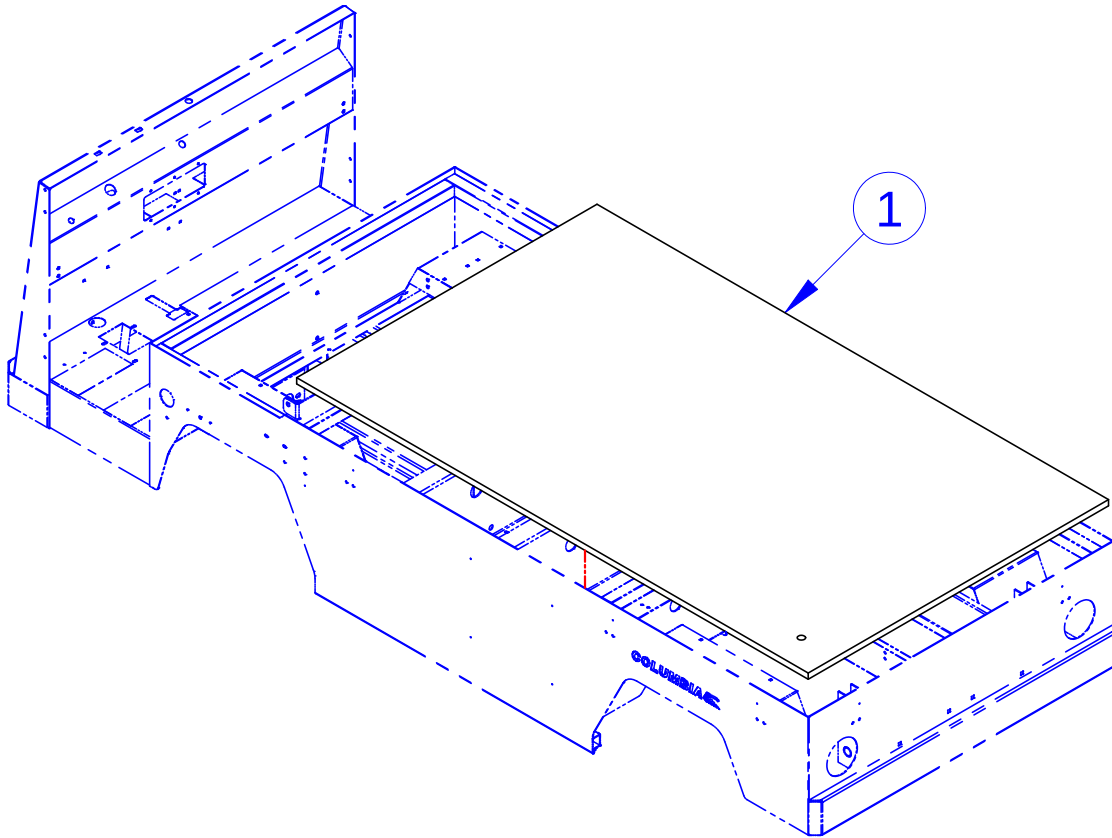
DECK COVER



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG509377	DECK BOARD COVER, SHORT	1	509377
2	CVG509378	DECK BOARD COVER, LONG	1	509378
3	CVG510367	DECK BOARD, 44.25 X 44.00	1	510367
4	CVG510368	DECK BOARD, 30.25 X 44.00	1	510368
5	CVG709418	SCREW, 5/16-18 X 2 1/2< ELV BOLT, UNPLT	2	709418
6	CVG719375	WSHR,5/16X0.750X0.040,F/W,18-8S/S	2	719375
7	CVG719377	NUT, 5/16-18, L/N, NYL, NE, 18-8, S/S	2	719377

NOTE: Items with * in tables indicates parts not shown in drawing

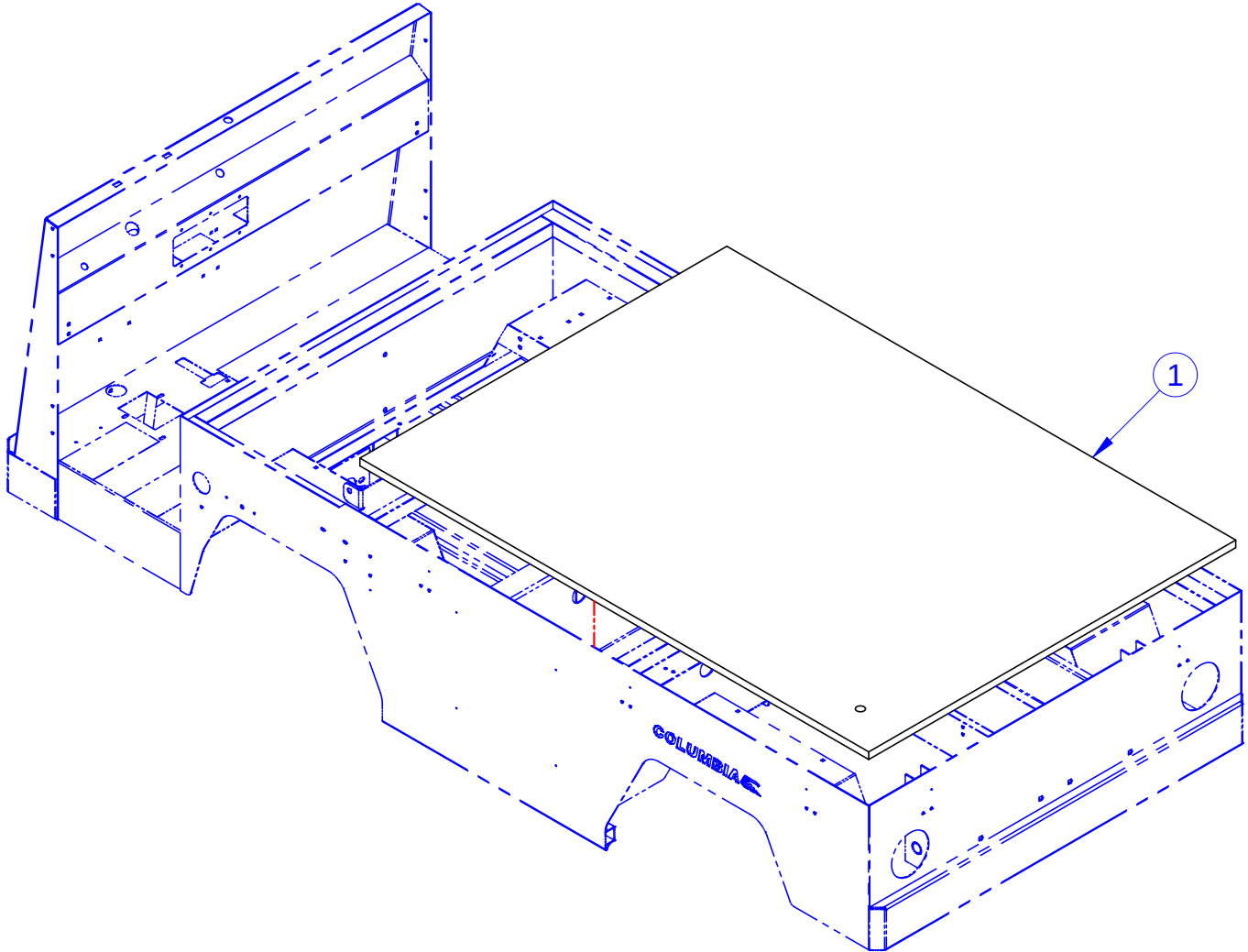
MEZZTREAD DECK 2XL



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG513012	DECK, BC-L MEZZTREAD	1	513012

NOTE: Items with * in tables indicates parts not shown in drawing

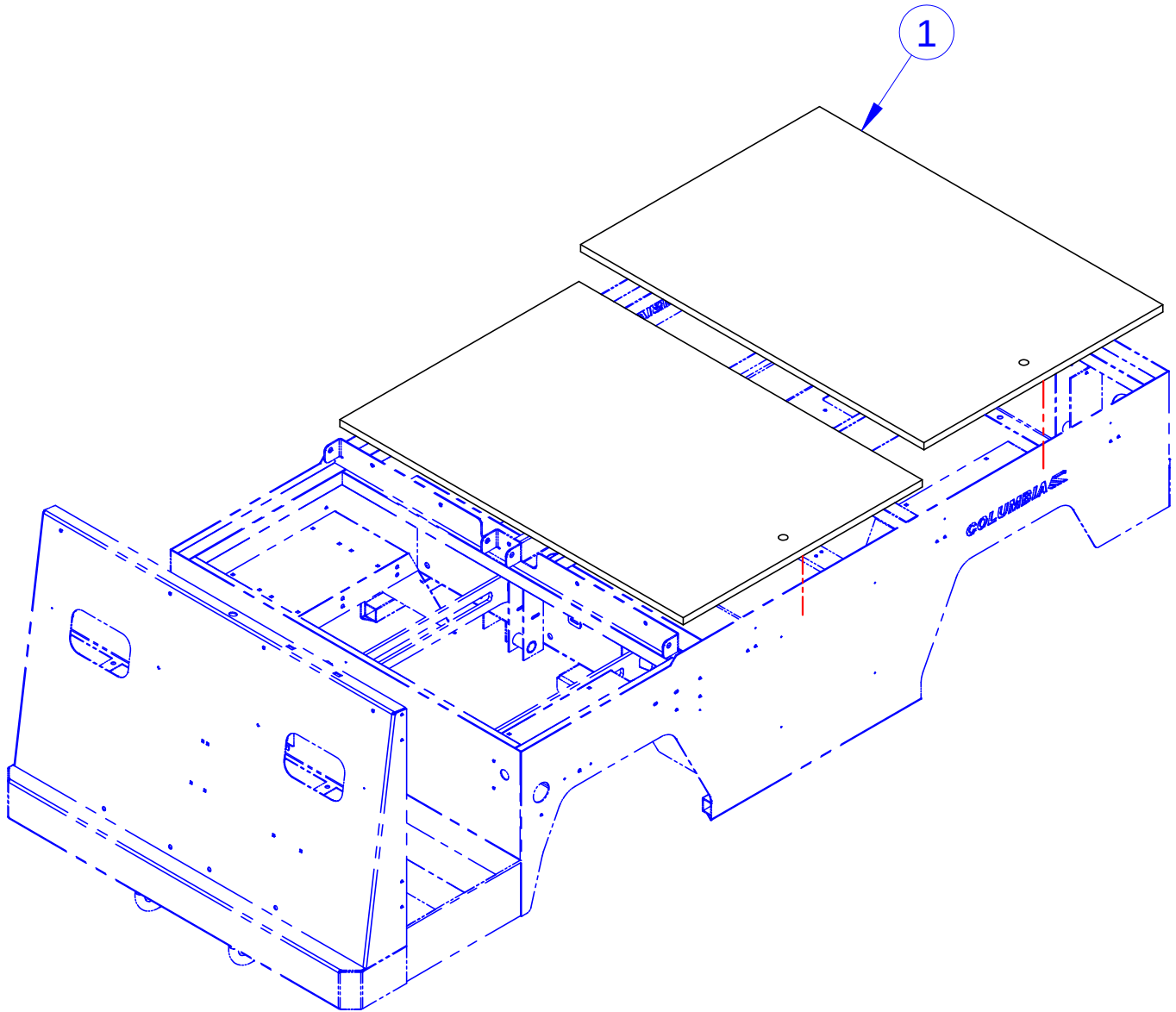
MEZZTREAD DECK 2X



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG513013	DECK, BC-S MEZZTREAD	1	513013

NOTE: Items with * in tables indicates parts not shown in drawing

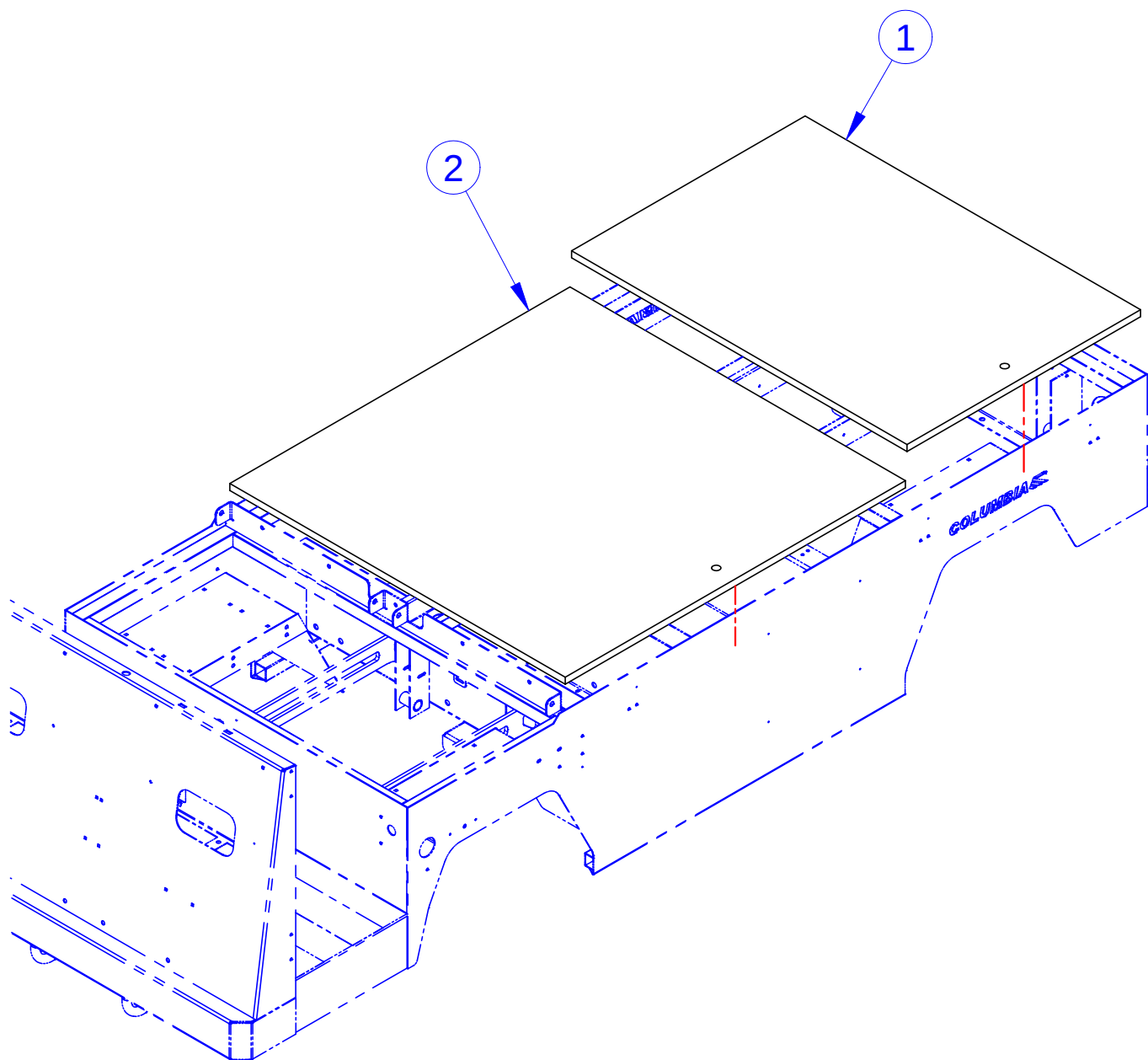
MEZZTREAD DECK, VAN 2X



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG513994	DECK, BC VAN, SHORT, MEZZ	2	513994

NOTE: Items with * in tables indicates parts not shown in drawing

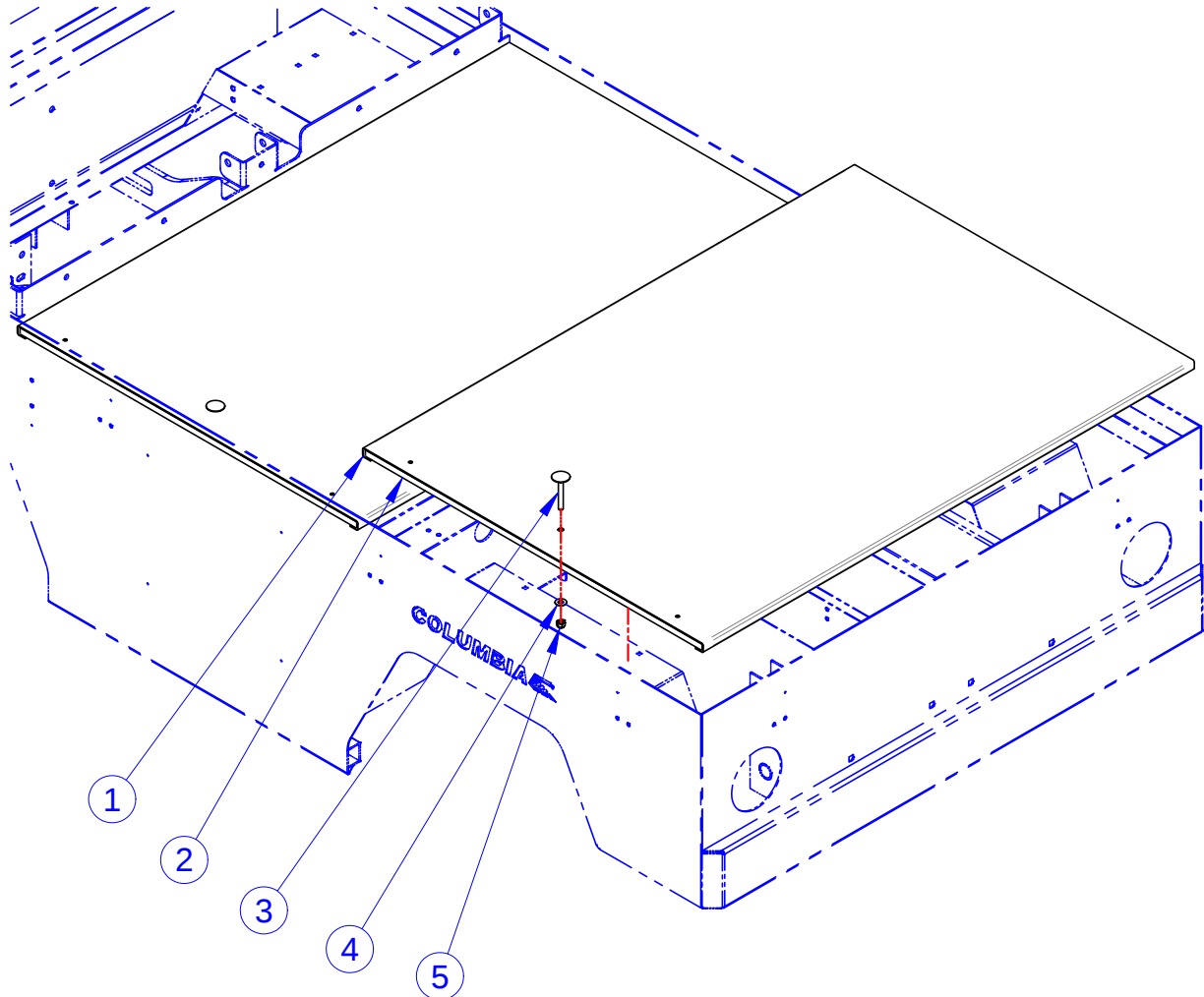
MEZZTREAD DECK, VAN 2XL



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG513994	DECK, BC VAN, SHORT, MEZZ	1	513994
2	CVG513995	DECK, BC VAN, LONG, MEZZ	1	513995

NOTE: Items with * in tables indicates parts not shown in drawing

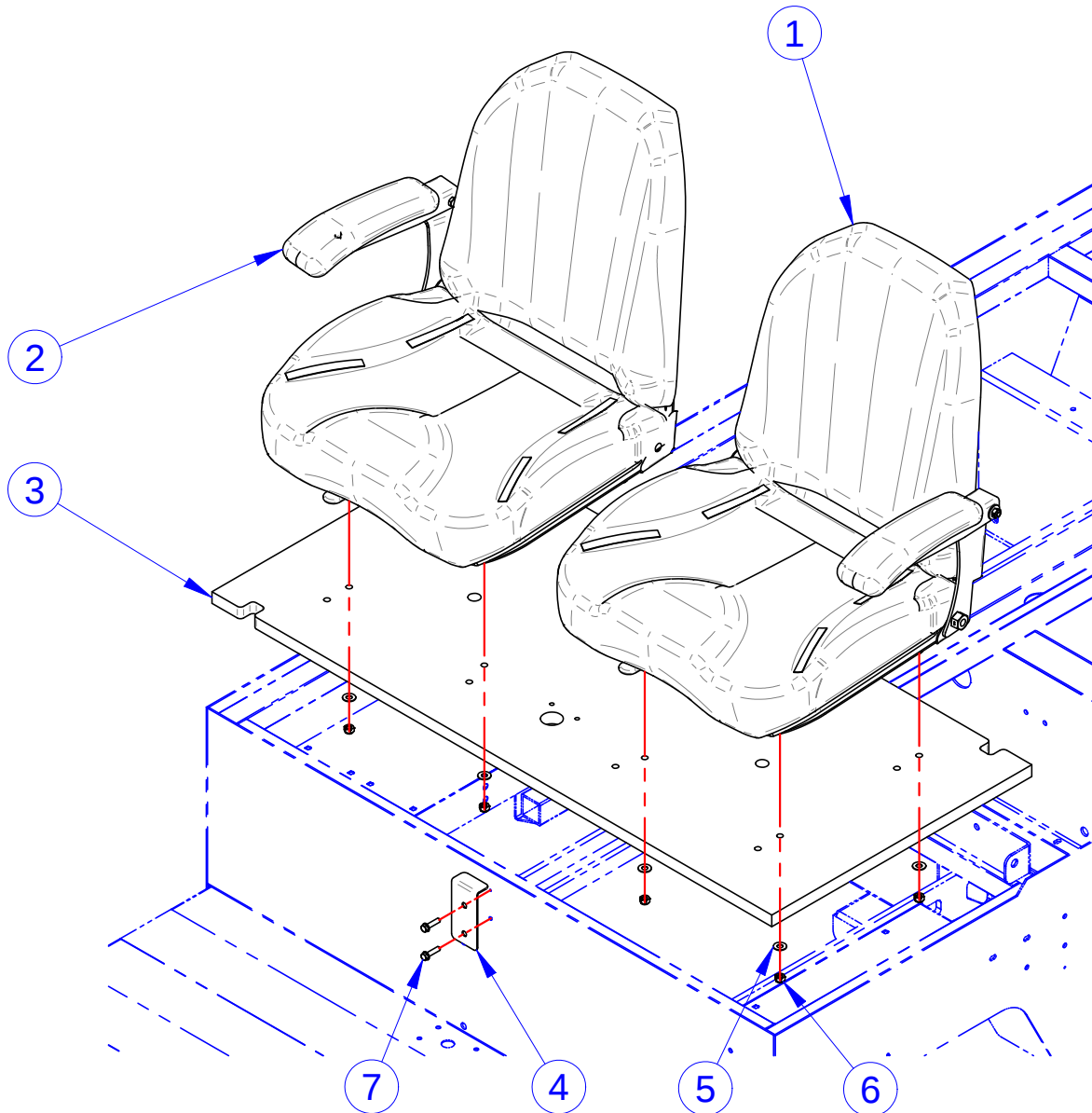
STEEL WRAPPED DECK BOARD



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-5	CVG467600	P&A ASSY, SHORT STEEL WRAP DECK, PL		467600
1	CVG509377	DECK BOARD COVER, SHORT	2	509377
2	CVG510368	DECK BOARD, 30.25 X 44.00	2	510368
3	CVG709418	SCREW, 5/16-18 X 2 1/2< ELV BOLT, UNPLT	2	709418
4	CVG719375	WSHR,5/16X0.750X0.040,FW,18-8S/S	2	719375
5	CVG719377	NUT, 5/16-18, L/N, NYL, NE, 18-8SS	2	719377

NOTE: Items with * in tables indicates parts not shown in drawing

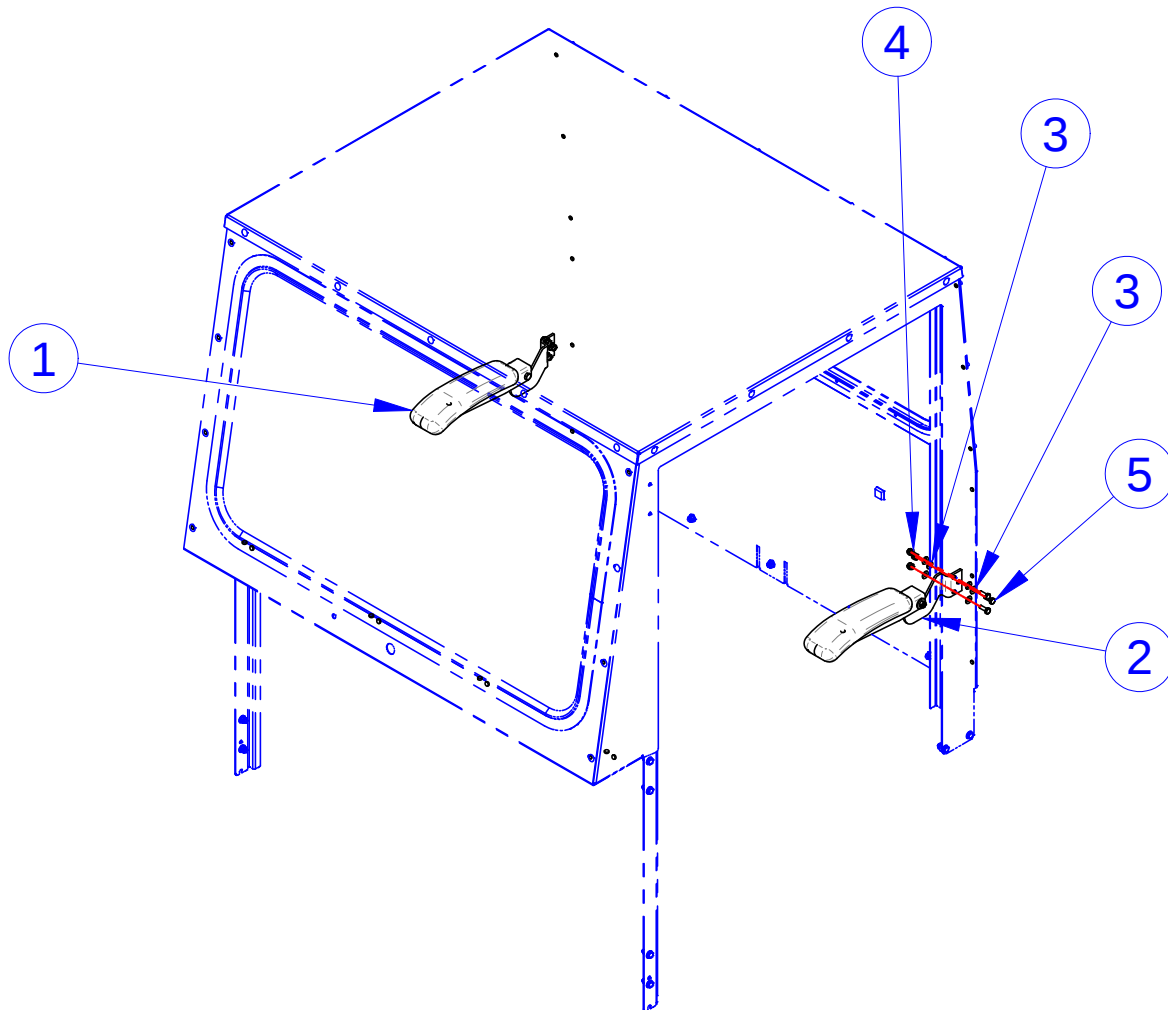
BUCKET SEATS



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG313603LA	907 SEAT-4"TRACK,W/SW,LH ARM	1	313603LA
	CVG313603	907 SEAT-4"TRACK,W/SW,LH W/O ARMS	1	313603
2	CVG313604RA	907 SEAT-4"TRACK,RH ARM	1	313604RA
	CVG313604	907 SEAT-4"TRACK,RH W/O ARMS	1	313604
3	CVG513014	SEAT BOARD, MEZZ-TREAD, BC	1	513014
4	CVG514385	BRKT, SEAT HOLD DOWN, BC	1	514385
5	CVG719375	WSHR,5/16X0.750X0.040,F/W,18-8S/S	8	719375
6	CVG719377	NUT, 5/16-18, L/N, NYL, NE, 18-8, S/S	8	719377
7	CVG719560	SCREW, HX HD, .25 x 1,THRD FRMING	2	719560
8*	CVG468059	HARNESS, BC HANDBRAKE SWITCH	1	468059

NOTE: Items with * in tables indicates parts not shown in drawing

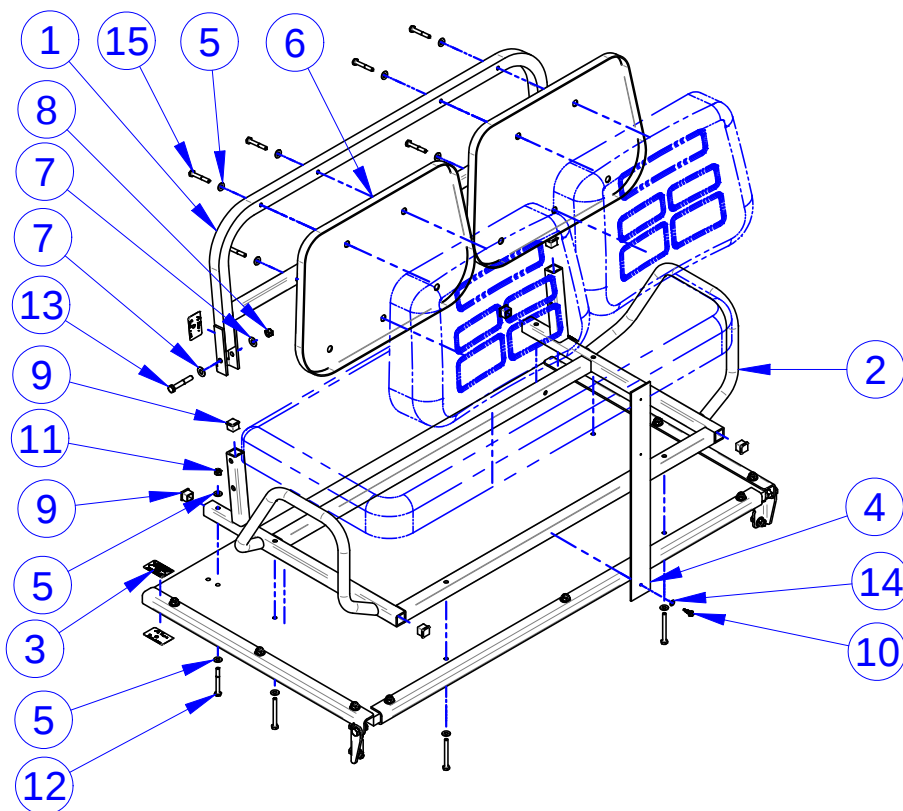
CAB ARMRESTS



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	NONE	ASSY, CAB ARMREST, RH, PL	1	308752
2	NONE	ASSY, CAB ARMREST, LH, PL	1	308753
3	CVG708511	WASHER, FLAT, 1/4", 18-8SS	12	708511
4	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	6	719876
5	CVG782784	SCREW, 1/4-20X3/4, HHCS, 18-8SS	6	782784

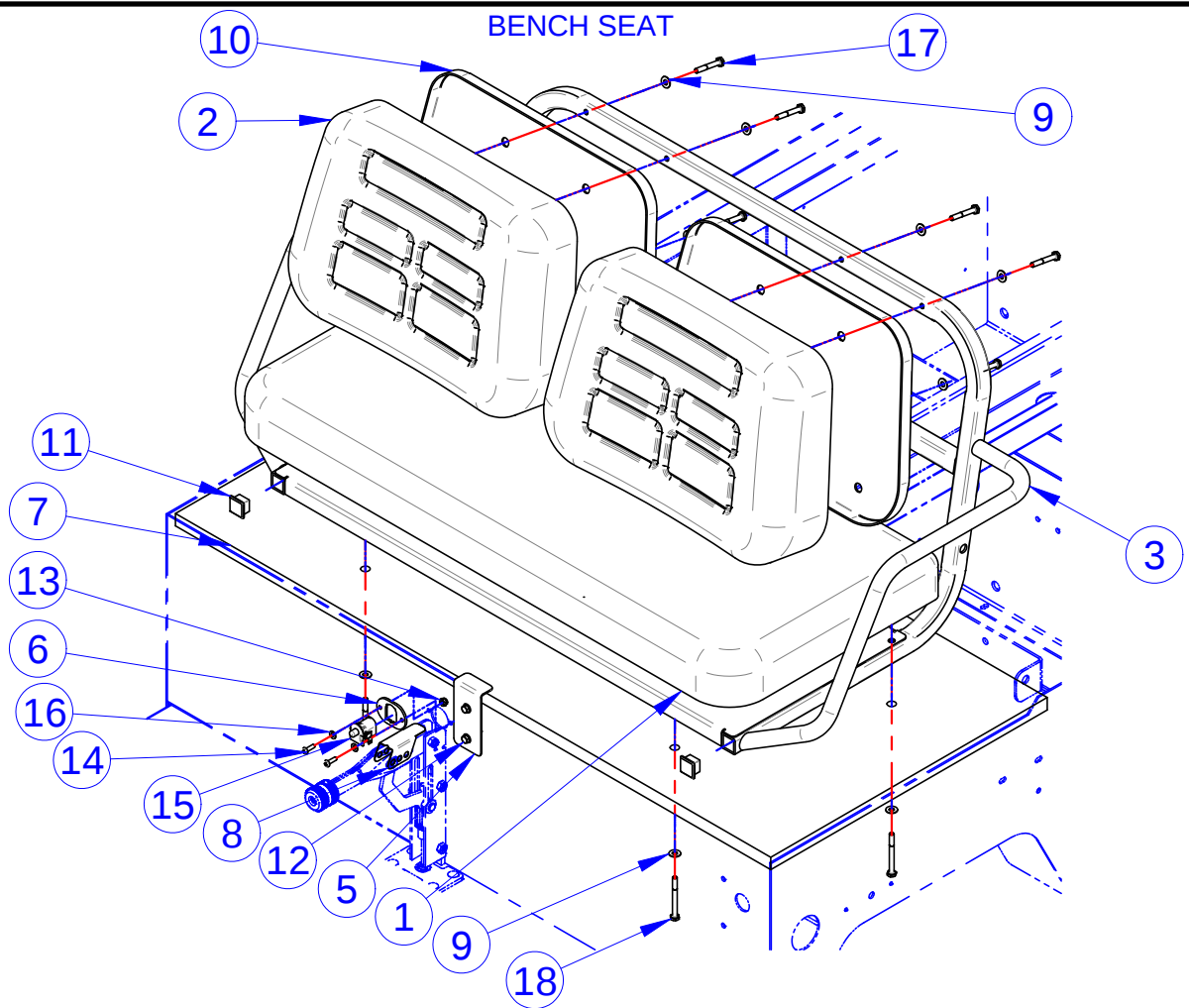
NOTE: Items with * in tables indicates parts not shown in drawing

FOLDING SEAT



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG308242	ASSY - SEAT BACK	1	308242
2	CVG312713	WLDMT, SEAT BASE	1	312713
3	CVG507980	PINCH WARNING	6	507980
4	CVG511384	STRAP, SEAT HOLD DOWN	1	511384
5	CVG708511	WASHER, FLAT 1/4" 18-8 SS	14	708511
6	CVG709025	COVER - SEAT, BACK	2	709025
7	CVG719375	WSHR,5/16X0.750X0.040,F/W,18-8S/S	17	719375
8	CVG719377	NUT, 5/16-18, L/N, NYL, NE, 18-8, S/S	15	719377
9	CVG719525	PLUG, 1" SQ X 0.120 WALL	8	719525
10	CVG719583	SCREW,10-16X3/4,HWH,TEK,MAG525	1	719583
11	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	2	719876
12	CVG761650	SCREW,1/4-20X2-1/4,HHCS,G8,SS	2	761650
13	CVG782298	SCR, 5/16-18 X 2, HHCS, 18-8, S/S	2	782298
14	CVG782722	WSHR, #10 X 0.438 X 0.031, F/W, 18-8, S/S	1	782722
15	CVG782786	SCREW,1/4-20X1.75,HHSC,18-8SS	6	782786

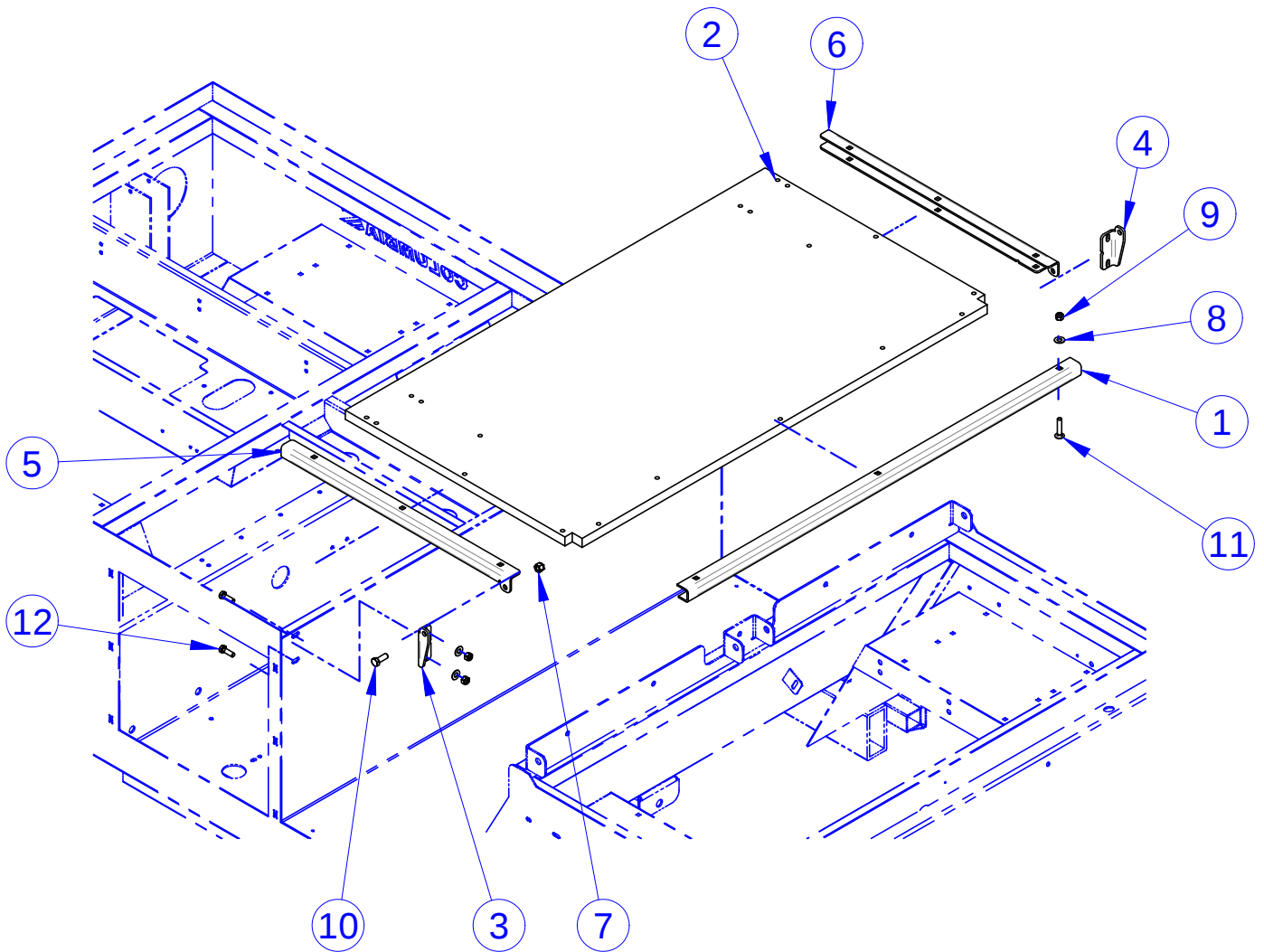
NOTE: Items with * in tables indicates parts not shown in drawing



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG143993	CPC CUSH ASSY RFS, COVER PER ORDER	1	143993%
2	CVG304216	CPC BACK ASSY, COVER PER ORDER	2	304216%
3	CVG312655TB	WLDMT, SEAT FRAME, BC BENCH	1	312655
4*	CVG468059	HARNESS, BC HANDBRAKE SWITCH	1	468059
5	CVG514385	BRKT, SEAT HOLD DOWN, BC	1	514385
6	CVG515776	PLATE, HNDBRK SW	1	515776
7	CVG516384	SEAT BOARD, BC BENCH	1	516384
8	CVG516638	BRKT, HNDBRK SW STOP	1	516638
9	CVG708511	WASHER, FLAT, 1/4", 18-8SS	10	708511
10	CVG709025	COVER - SEAT, BACK	2	709025
11	CVG719525	CAPLUG, 3/4 SQ, FP-161	2	719525
12	CVG719560	SCREW, HX HD, .25 x 1, THRD FRMING	2	719560
13	CVG761631	NUT, #10-24 GRD 18-8 NM SS NYLOCK	2	761631
14	CVG761633	SCREW, 10-24X5/8, PPHMS, 18-8SS	2	761633
15	CVG781580	SWITCH, PLUNGER, DELTA, NC, 6440-53	1	781580
16	CVG782722	WSHR, #10 X 0.438 X 0.031, F/W, 18-8SS	2	782722
17	CVG782786	SCREW, 1/4-20X1.75, HHSC, 18-8SS	6	782786
18	CVG782936	SCR, 1/4-20 X 2.5, HHCS, 18-8, S/S	4	782936

NOTE: Items with * in tables indicates parts not shown in drawing

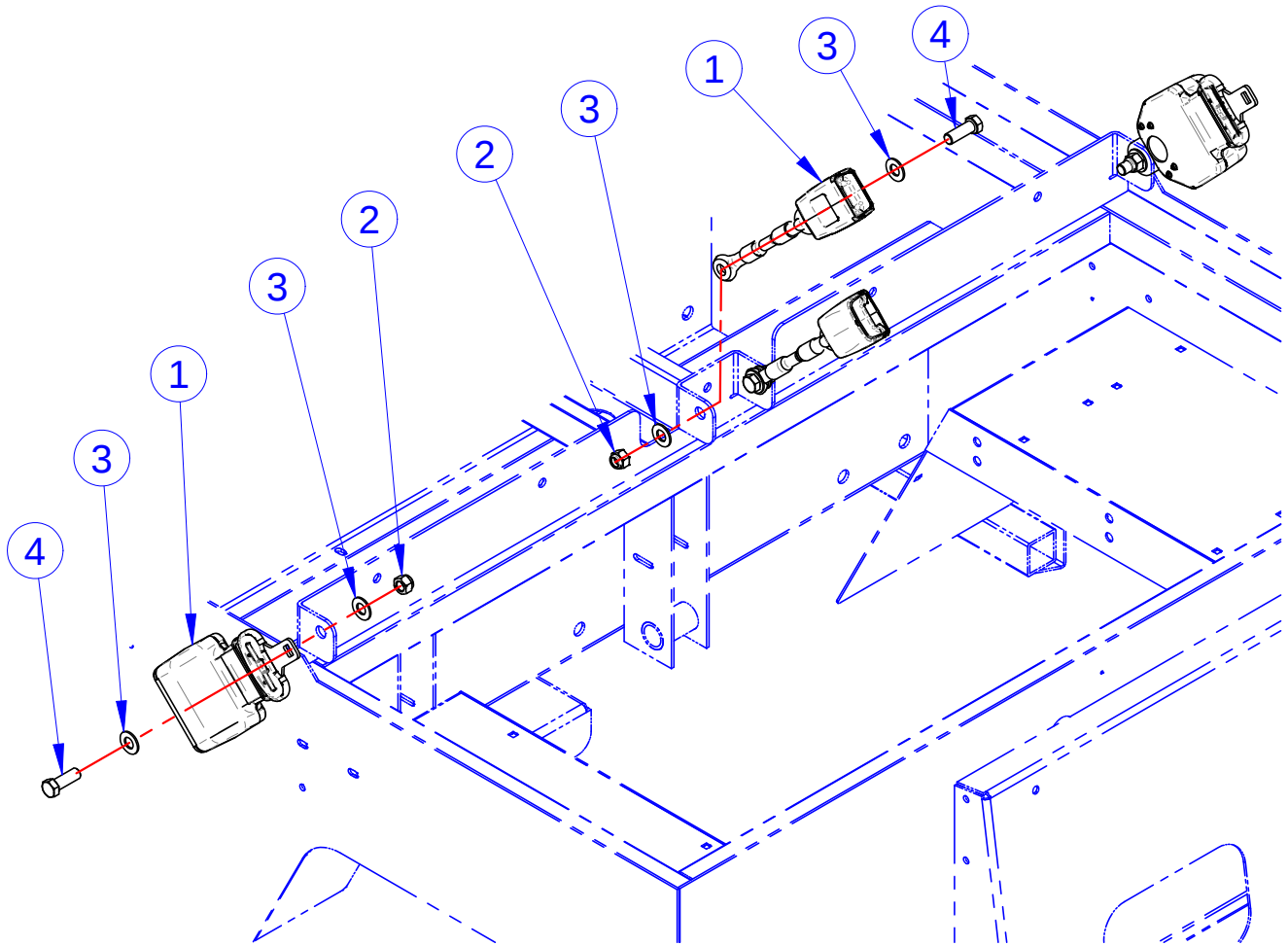
SEAT BOARD



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG511341	CHANNEL - SEAT BRD REINF	1	511341
2	CVG513015	BOARD, 2ND SEAT, MEZZ-TREAD	1	513015
3	CVG516409	BRKT, HINGE, RH	1	516409
4	CVG516410	BRKT, HINGE, LH	1	516410
5	CVG516411	CHAN, SEAT PIVOT, RH	1	516411
6	CVG516412	CHAN, SEAT PIVOT, LH	1	516412
7	CVG708860	NUT, 3/8-16, L/N, NYL, NE, 18-8, S/S	1	708860
8	CVG719375	WSHR, 5/16X0.750X0.040, F/W, 18-8S/S	3	719375
9	CVG719377	NUT, 5/16-18, L/N, NYL, NE, 18-8, S/S	3	719377
10	CVG781786	SCR, 3/8-16 X 1, HHCS, 18-8, S/S	1	781786
11	CVG781787	SCREW, 5/16-18X1-1/2, CARR, 18-8 SS	1	781787
12	CVG782720	SCR, 5/16-18 X 1, HHCS, 18-8, S/S	2	782720

NOTE: Items with * in tables indicates parts not shown in drawing

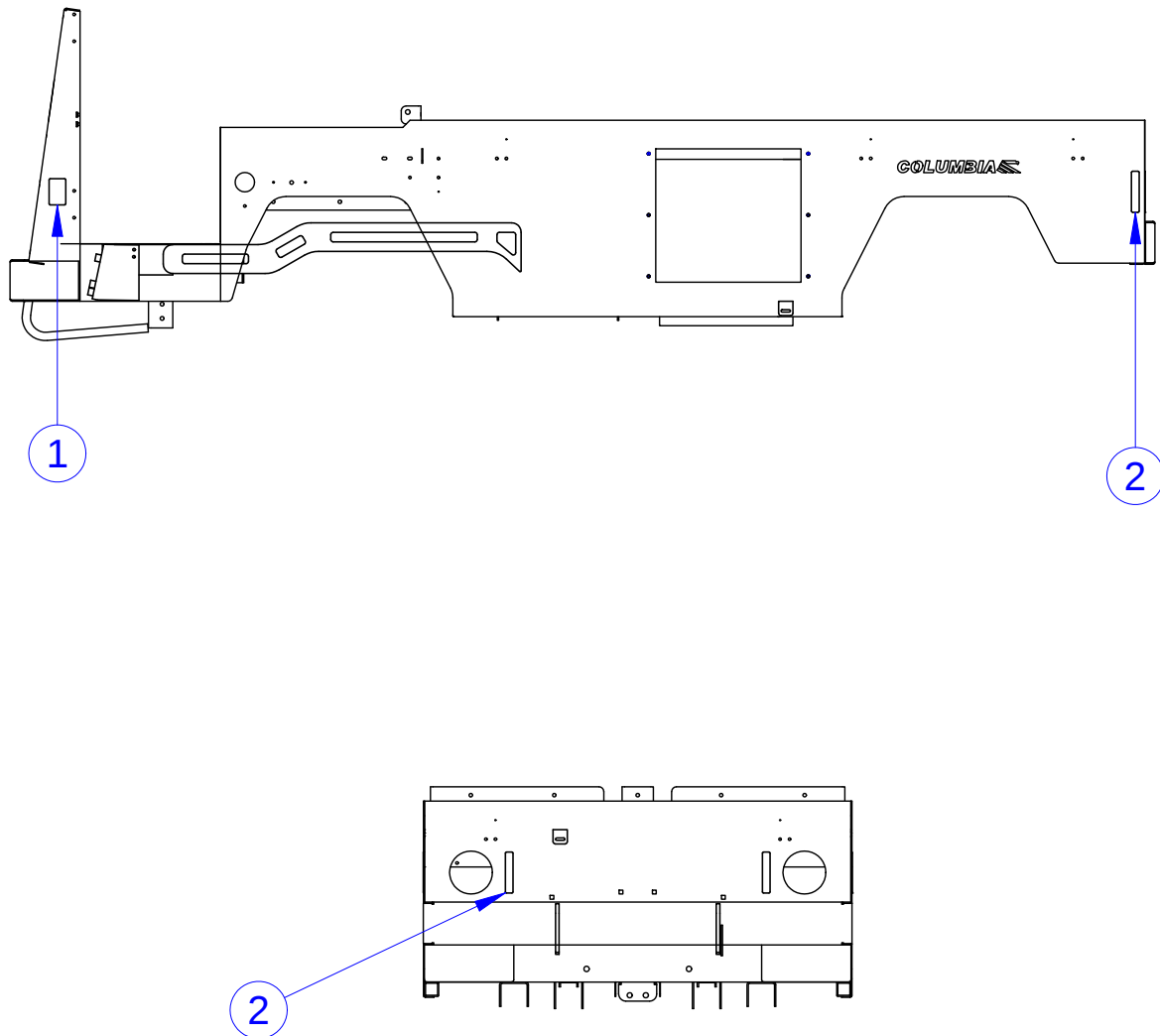
SEAT BELTS, TWO-POINT



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-4	CVG190611U	P&A KIT, SEAT BELTS, 2-PT, PL	KIT	190611
1	CVG781923	SEAT BELT, 2X48, 2-TTH ALR, H2, CABLE	2	781923
2	CVG782751	NUT, 7/16-20, L/N, NYL, NE, G8, MAGNI 525	4	782751
3	CVG782752	WSHR, 7/16 (M11), SAE, F/W, G8, MAGNI 525	8	782752
4	CVG782755	SCR, 7/16-20 X 1.25, HHCS, G8, MAGNI 525	4	782755

NOTE: Items with * in tables indicates parts not shown in drawing

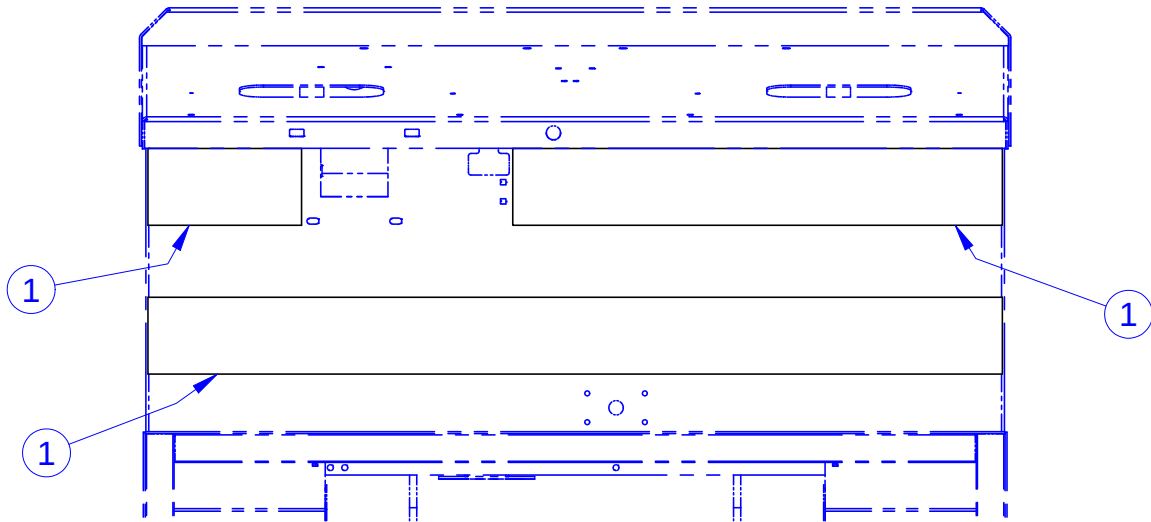
REFLECTORS



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG719336	REFLECTOR, AMBER, 2-3/4"X1-3/4"	2	719336
2	CVG719337	REFLECTOR, RED, 4-5/16"X13/16"	4	719337

NOTE: Items with * in tables indicates parts not shown in drawing

GRIP MAT



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG709933	MAT, ANTI-SLIP GRIP	6.5	709933

NOTE: Items with * in tables indicates parts not shown in drawing

NOTE: Items with * in tables indicates parts not shown in drawing

Columbia Vehicle Group, Inc.

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COLUMBIA

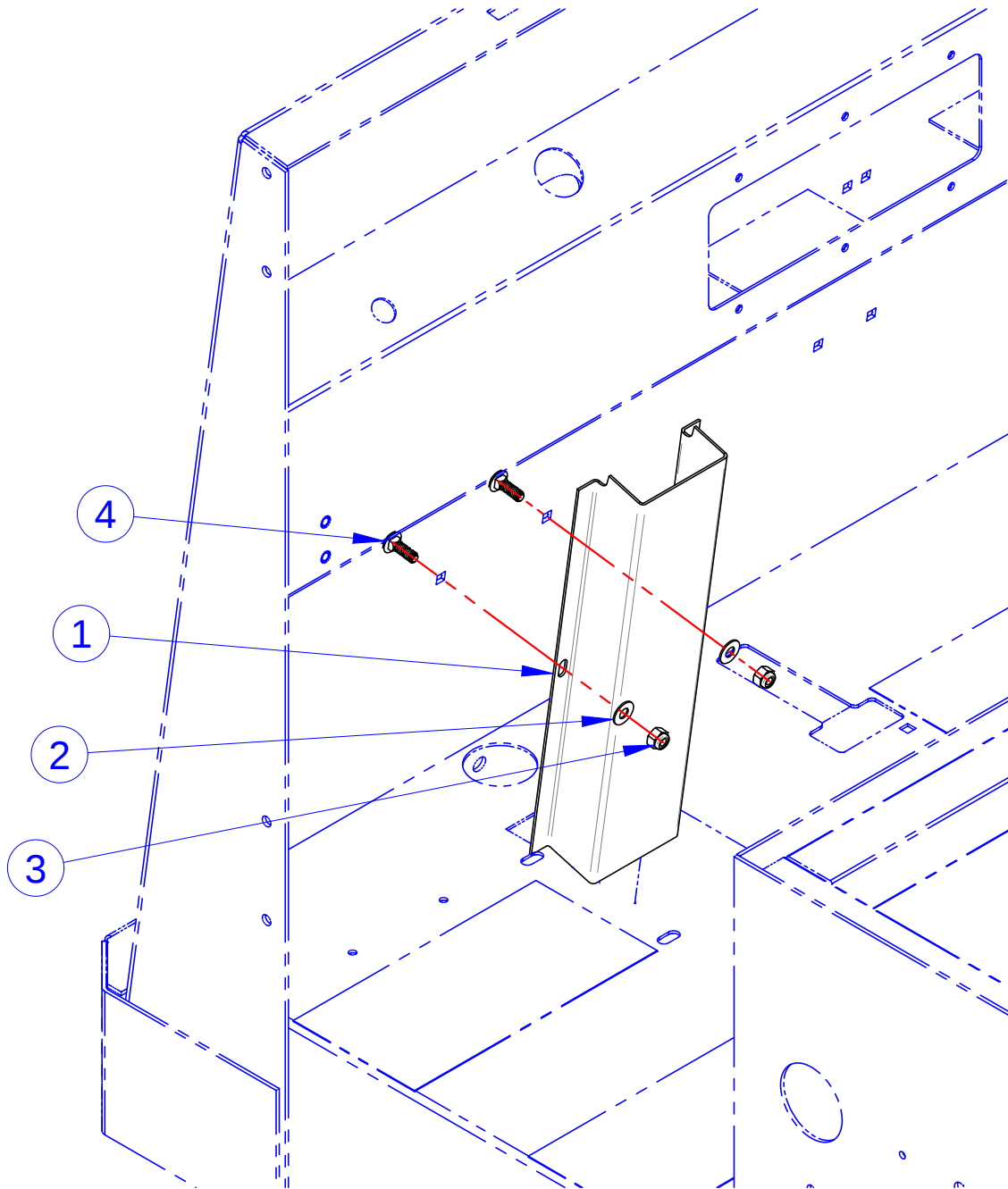
PAYLOADER

PARTS MANUAL SECTION 6

ELECTRICAL



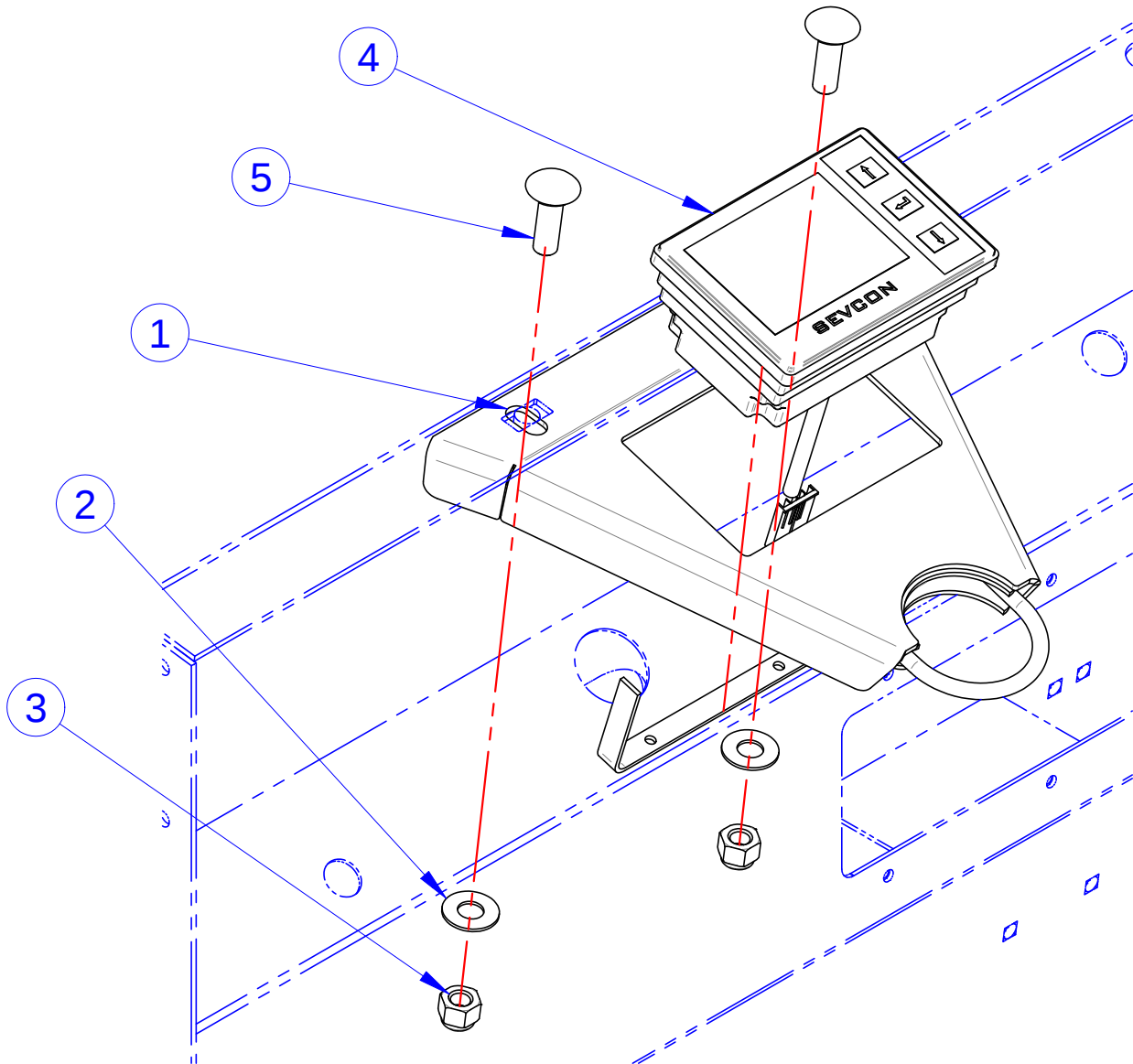
WIRING COVER



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG509505	COVER - COWL WIRING	1	509505
2	CVG708511	WASHER, FLAT, 1/4", 18-8SS	2	708511
3	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	2	719876
4	CVG781739	SCR, 1/4-20 X 0.75, CARR, 18-8, S/S	2	781739

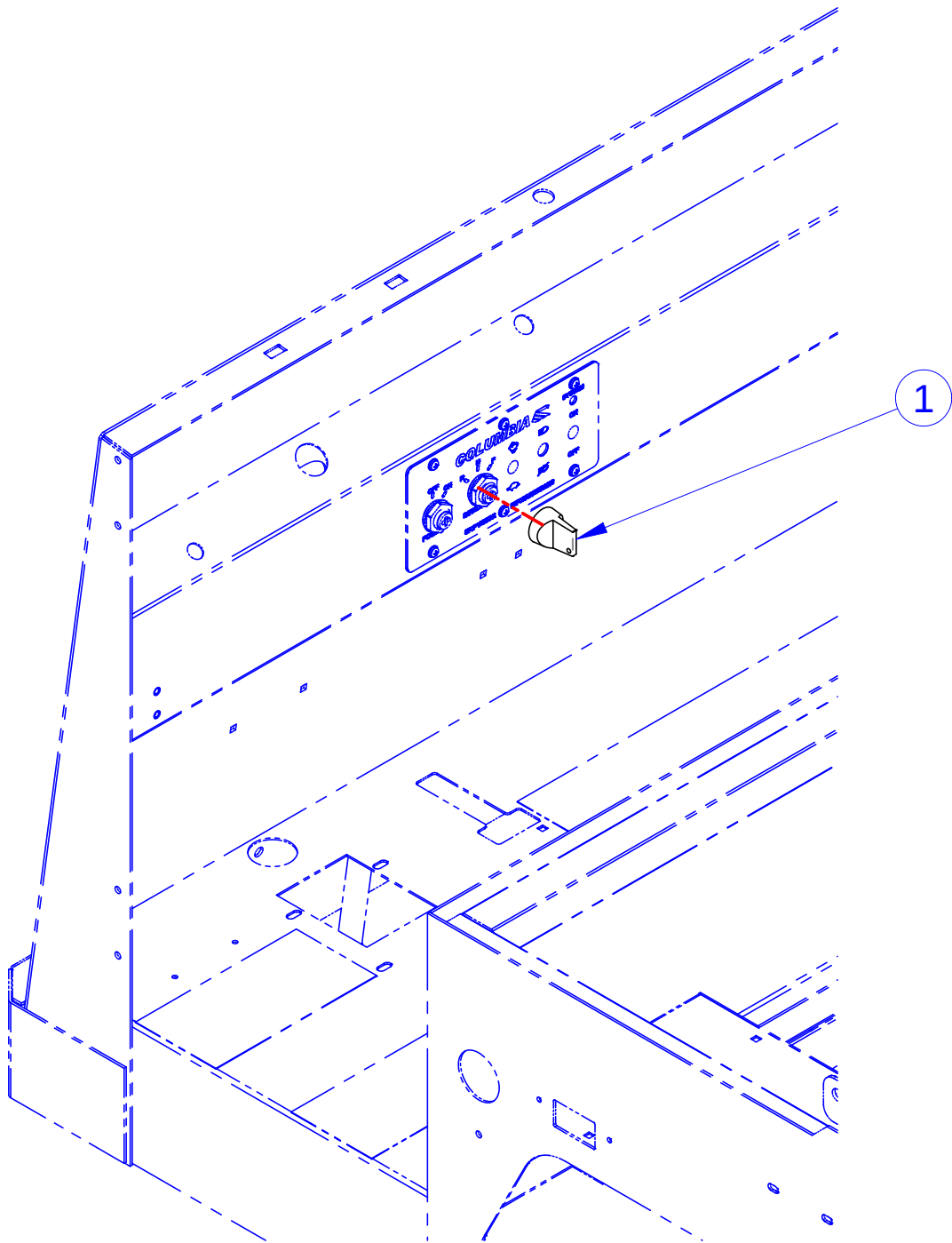
NOTE: Items with * in tables indicates parts not shown in drawing

SPEEDOMETER



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG312189TB	WLDMNT, UPR STRG COL SUPRT, BC AC DRIVE	1	312189
2	CVG708859	WASHER, 3/8, STD, FW, 18-8SS	2	708859
3	CVG708860	NUT, 3/8-16, L/N, NYL, NE, 18-8, S/S	2	708860
4	CVG760958	DISPLAY, CLEARVIEW, SEVCON	1	760958
5	CVG782724	SCR, 3/8-16 X 1.25, CARR, 18-8, S/S	2	782724

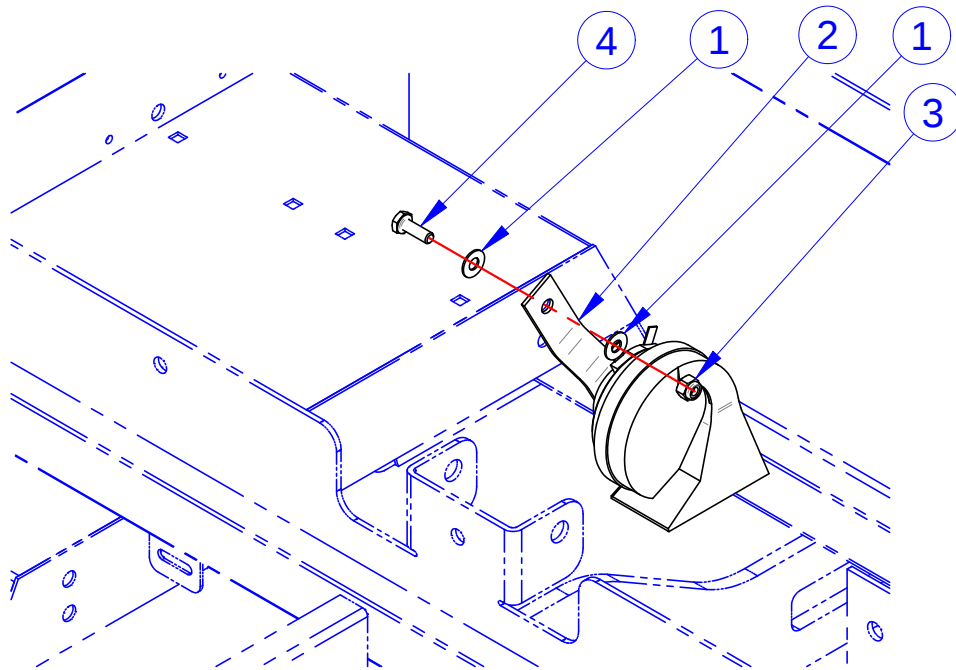
NOTE: Items with * in tables indicates parts not shown in drawing



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG719432	ASSY, KEY, NON-REMOVABLE, W/COVER	1	719432

NOTE: Items with * in tables indicates parts not shown in drawing

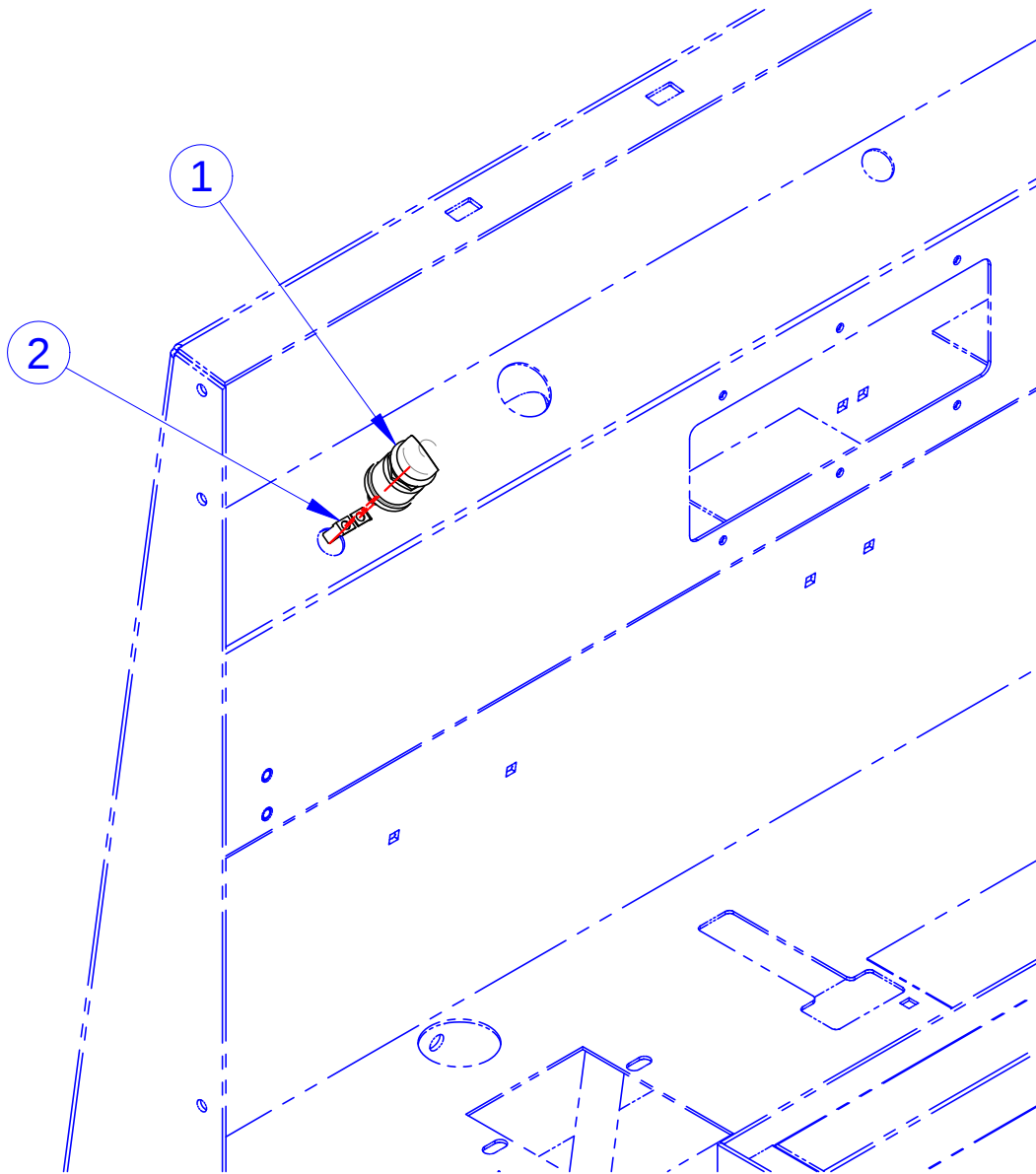
HORN



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG708511	WASHER, FLAT, 1/4", 18-8SS	2	708511
2	CVG709089	HORN,12V (2 TERMINAL)	1	709089
3	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	1	719876
4	CVG782784	SCREW,1/4-20X3/4,HHCS,18-8SS	1	782784

NOTE: Items with * in tables indicates parts not shown in drawing

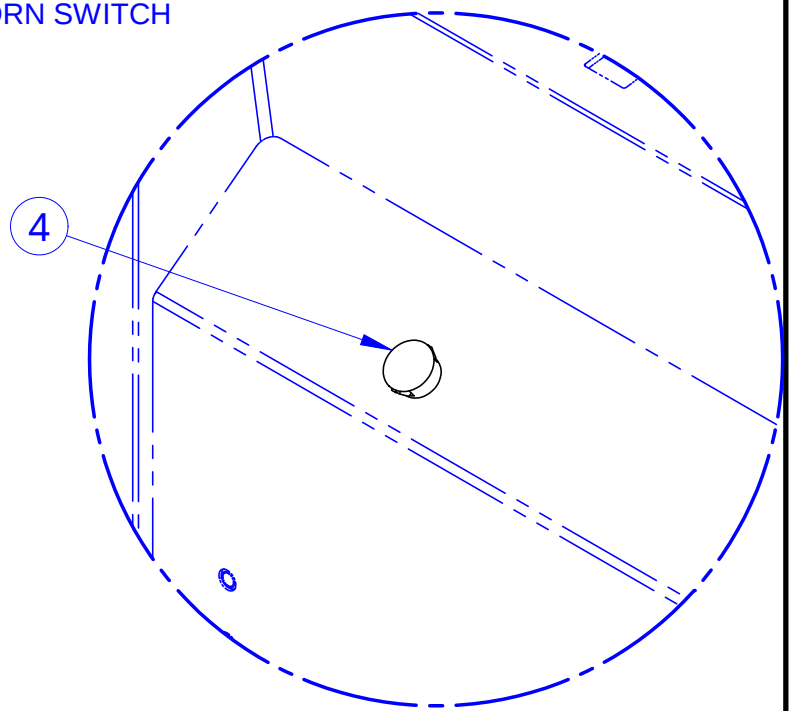
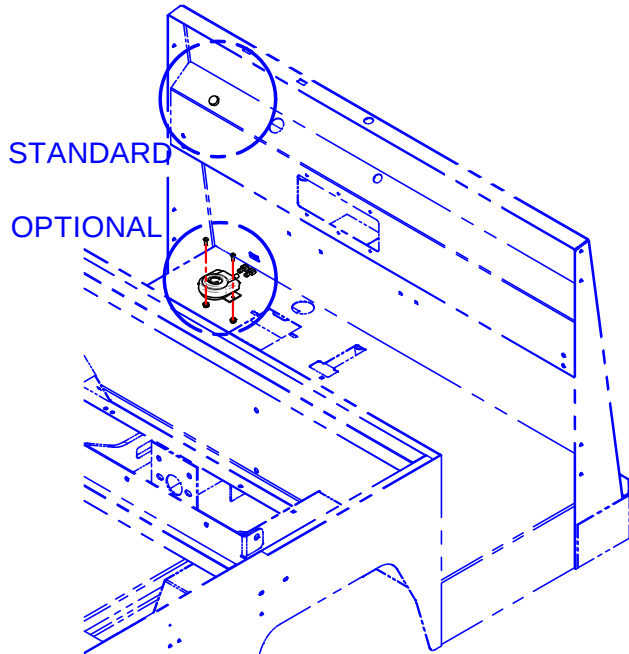
HORN SWITCH, DASH



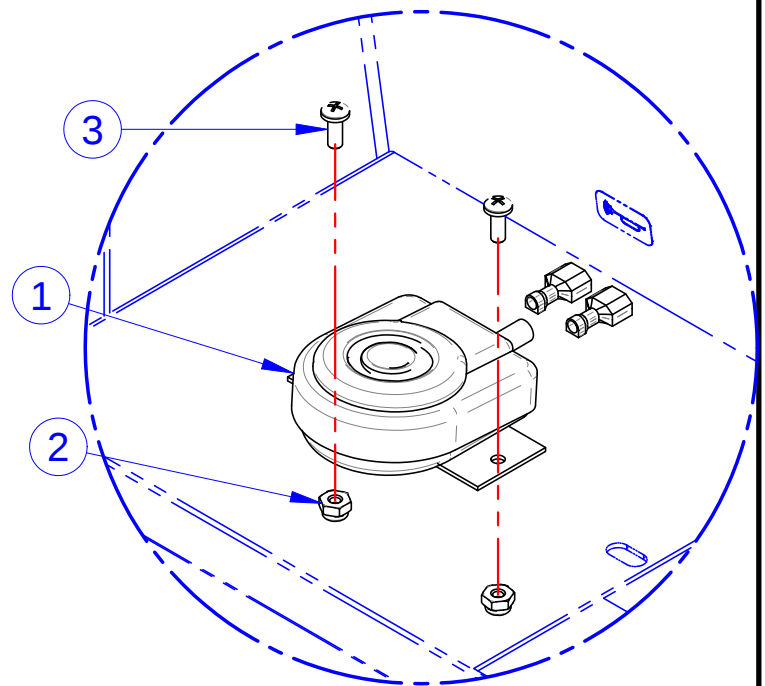
ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG709385	HORN SWITCH	1	709385
2	CVG719825	TERMINAL,#10 STUD-TO-1/4 MALE TAB	2	719825

NOTE: Items with * in tables indicates parts not shown in drawing

HORN SWITCH



STANDARD DETAIL

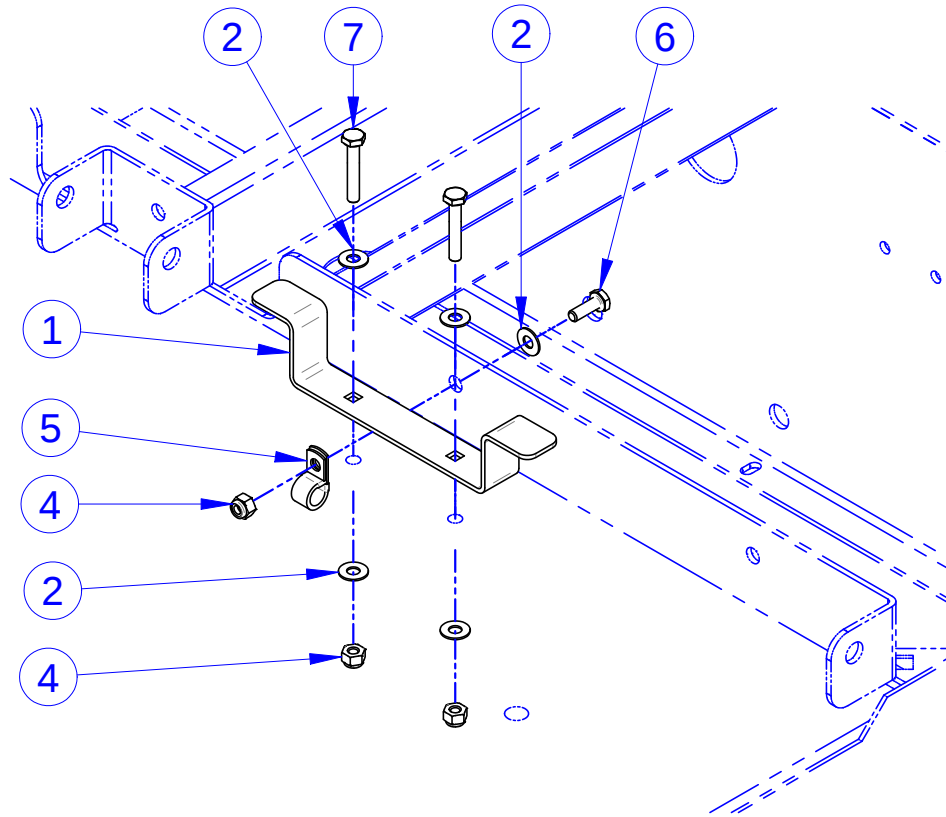


OPTIONAL DETAIL

ITEM	DESCRIPTION	QTY	REF #
1	CVG468835 ASM, SWITCH, HORN, FLOOR MNT	1	468835
2	CVG761631 NUT, #10-24 GRD 18-8 NM SS NYLOCK	2	761631
3	CVG761632 SCREW, #10-24X1/2" PPH GRD 18-8 SS	2	761632
4	CVG709385 AMS, SWITH, HORN, DASH MNT (STANDARD)	1	709385
	CVG782140 PLUG, .625 DOME, BLACK NYLON	1	782140

NOTE: Items with * in tables indicates parts not shown in drawing

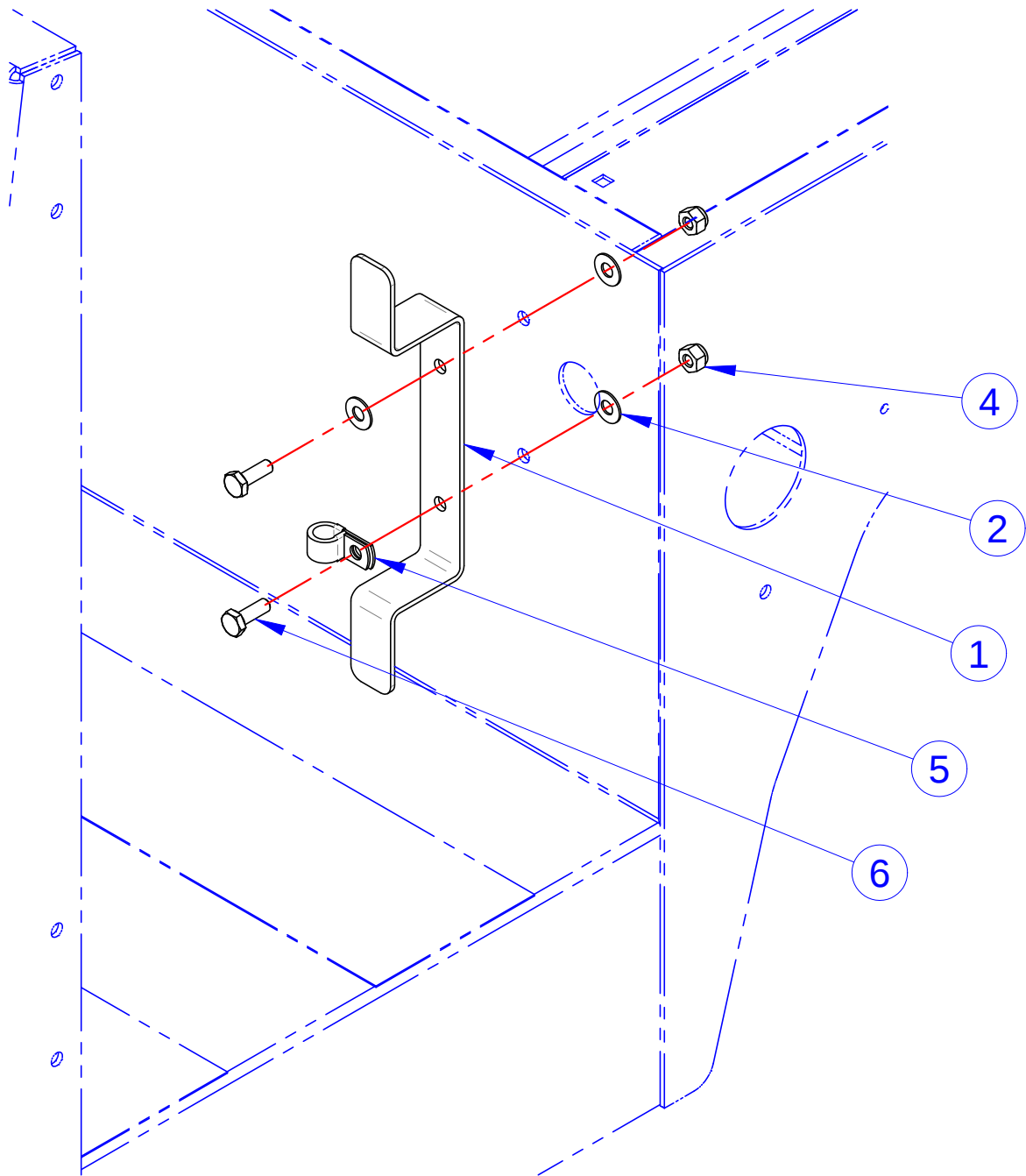
CHARGER CORD WITH CLEAT



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG511253	CORD CLEAT - EX 21	1	511253
2	CVG708511	WASHER, FLAT 1/4" 18-8 SS	5	708511
3*	CVG709890	CORD, EXTENSION, CHARGER	1	709890
4	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	3	719876
5	CVG761186	CLAMP, 7/16", STEEL TUBE, VINYL CUSH	1	761186
6	CVG782784	SCREW, 1/4-20X3/4, HHCS, 18-8SS	1	782784
7	CVG782792	SCREW, 1/4-20 X 1 1/2" HEX CAP SS 18-S	2	782792

NOTE: Items with * in tables indicates parts not shown in drawing

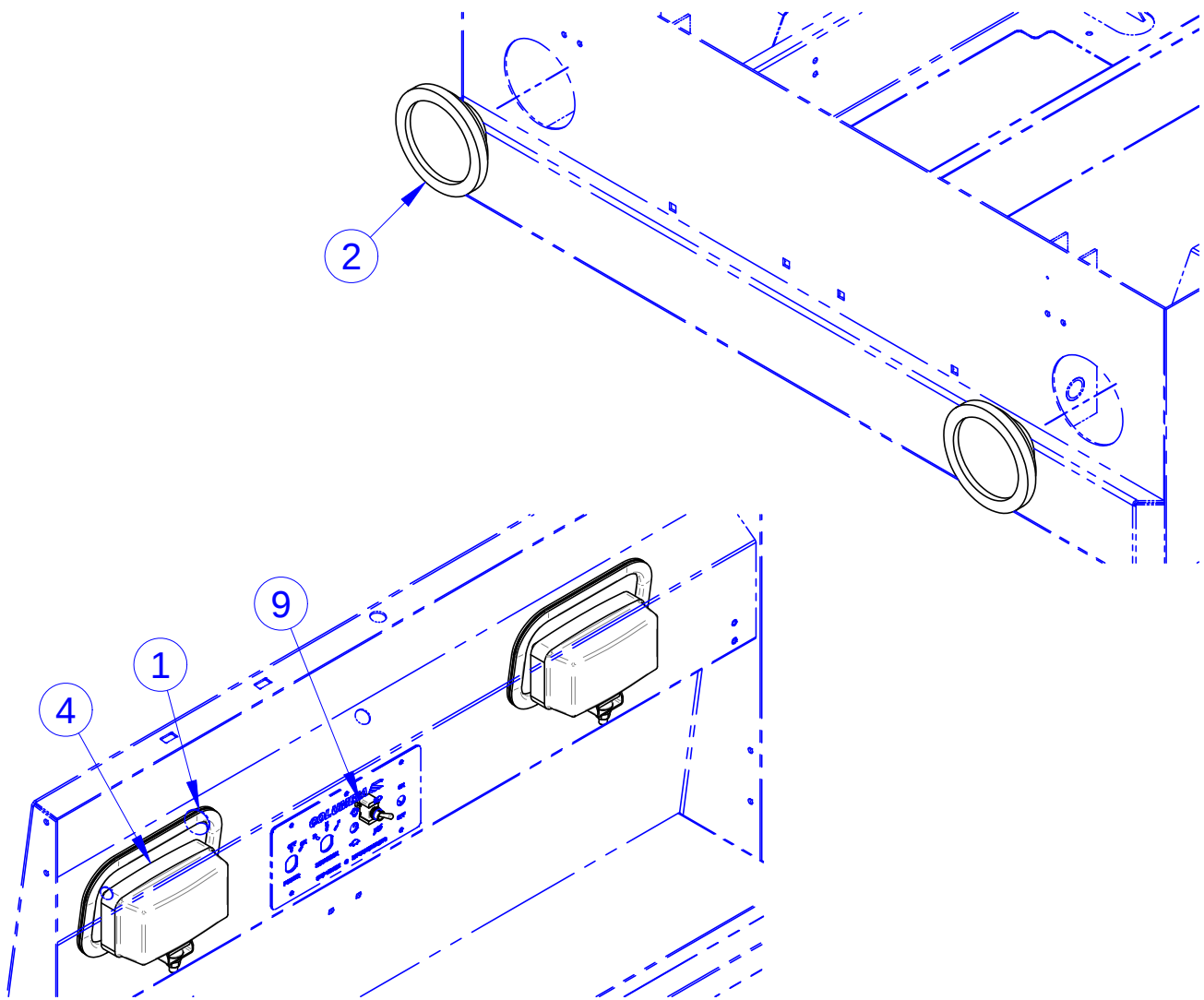
CHARGER CORD WITH CLEAT



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG511253	CORD CLEAT	1	511253
2	CVG708511	WASHER, FLAT, 1/4", 18-8SS	3	708511
3*	CVG709890	CORD, EXTENSION, CHARGER	1	709890
4	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	2	719876
5	CVG761186	CLAMP, 7/16", STEEL TUBE, VINYL CUSH	1	761186
6	CVG782784	SCREW, 1/4-20X3/4, HHCS, 18-8SS	2	782784

NOTE: Items with * in tables indicates parts not shown in drawing

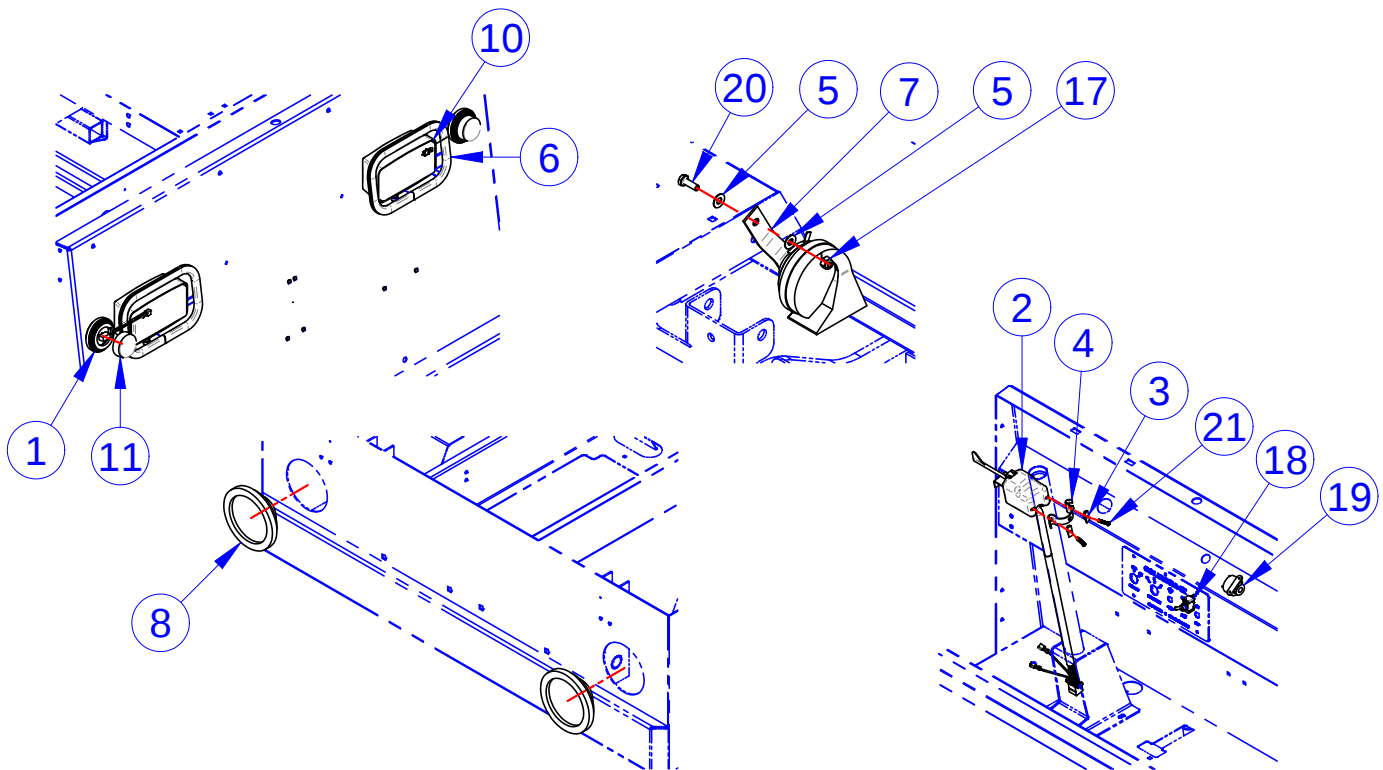
LIGHTS



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG709013	TRIM, PINCH WELT, 3/32", BLK	1	709013
2	CVG709109	4"RND TAIL LAMP ASSY W/PLUG, SEAL	2	709109
3*	CVG709252	WIRE HARNESS,BC,12V,ACC	1	709252
4	CVG709389	HEADLIGHT	2	709389
5*	CVG709861	WIRE HARNESS, TURN SIGNL BYPASS PLUG	1	709861
6*	CVG719502	CABLE TIE, BLACK 4"	1	719502
7*	CVG719503	CABLE TIE MNT BRKT BLACK W/3M	2	719503
8*	CVG719504	CABLE TIE,BLACK,.18X11-3/4,STD,50LB	1	719504
9	CVG760600	SWITCH, TOGGLE, LIGHTS ON-OFF	1	760600

NOTE: Items with * in tables indicates parts not shown in drawing

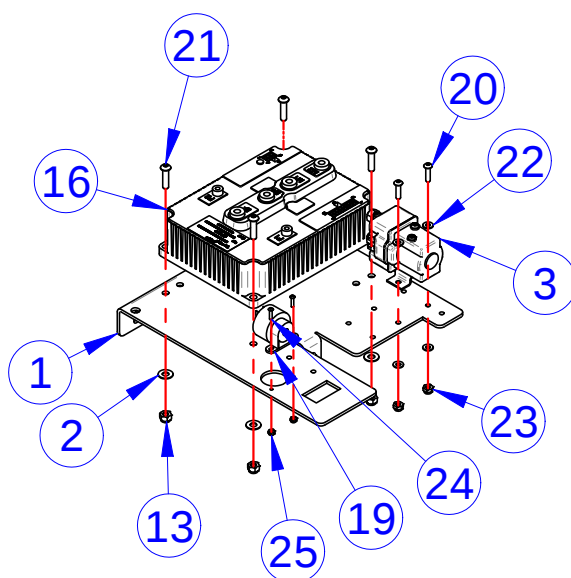
DELUXE LIGHTS & HORN



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG463979	ASM, TRN LT PIGTAIL W/GROMMET	2	463979
2	CVG467279	ASSY, TURN SWITCH, NO GROMMET	1	467279
3	CVG467385	PAINTED ROCKER, TURN SWITCH BRACKET	2	467385
4	CVG513705	CVG TURN SWITCH BRACKET	1	513705
5	CVG708511	WASHER, FLAT, 1/4", 18-8SS	2	708511
6	CVG709013	TRIM, PINCH WELT, 3/32", BLK	3.75	709013
7	CVG709089	HORN,12V (2 TERMINAL)	1	709089
8	CVG709109	4"RND TAIL LAMP ASSY W/PLUG, SEAL	2	709109
9*	CVG709252	WIRE HARNESS,BC,12V,ACC	1	709252
10	CVG709389	HEADLIGHT	2	709389
11	CVG709488	LIGHT, 2" AMBER	2	709488
12*	CVG709783	FOAM TAPE, 1/8 X 1	0.42	709783
13*	CVG719366	FLASHER, LED LIGHTS	1	719366
14*	CVG719502	CABLE TIE, BLACK 4"	7	719502
15*	CVG719503	CABLE TIE MNT BRKT BLACK W/3M	2	719503
16*	CVG719504	CABLE TIE,BLACK,.18X11-3/4,STD,50LB	6	719504
17	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	1	719876
18	CVG760600	SWITCH, TOGGLE, LIGHTS ON-OFF	1	760600
19	CVG761720	BUZZER, REVERSE, CONT	1	761720
20	CVG782784	SCREW,1/4-20X3/4,HHCS,18-8SS	1	782784
21	CVG783106	SCR, #8-32 X 1, 6FMS, 18-8, SS	2	783106

NOTE: Items with * in tables indicates parts not shown in drawing

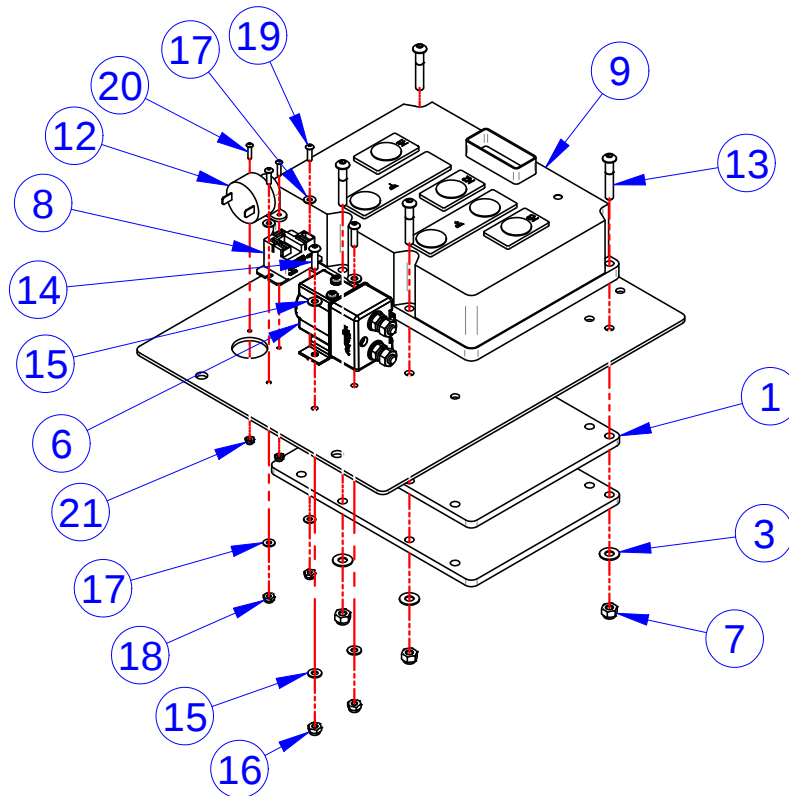
DC CONTROL PANEL



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG509231	CNTRL MT, PAYLOADER 4/5	1	509231
2	CVG708511	WASHER, FLAT, 1/4", 18-8SS	4	708511
3	CVG709166	CONTACTOR W. MTG BRKT - 24 V COIL	1	709166
4*	CVG709411	CABLE, 4GA X 61.50, 5/16 TERMINALS	2	709411
5*	CVG709600	CABLE, 4GA X 16.75", 5/16" TERM	1	709600
6*	CVG709732	CABLE, 4 GA X 25.5, 5/16 TERMINALS	4	709732
7*	NONE	WIRE MARKER, F1, BRADY	1	719330
8*	NONE	WIRE MARKER, F2, BRADY	1	719331
9*	CVG719501	CABLE TIE, NATURAL 5 3/4"	2	719501
10*	CVG719504	CABLE TIE,BLACK,.18X11-3/4,STD,50LB	1	719504
11*	NONE	WIRE MARKER, A2, BRADY	1	719600
12*	NONE	WIRE MARKER, A1, BRADY	1	719601
13	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	4	719876
14*	CVG749180	WIRE MARKER, POSITIVE	1	749180
15*	CVG749181	WIRE MARKER, NEGATIVE	1	749181
16	CVG467696	CNTRL, SEVCON REGEN, B, HP, 24-48V	1	760576
17*	CVG760637	WIRE HARNESS,MAIN,BC,SEM,PWR W/IMP	1	760637
18*	NONE	LABEL, WHITE, 1.9" W X 50' L	1	760792
19	CVG761678	BUZZER,REVERSE	1	761678
20	CVG782708	SCR, #10-32 X 0.75, BSHCS, 18-8, S/S	2	782708
21	CVG782719	SCR, 1/4-20 X 1, BSHCS, 18-8, S/S	4	782719
22	CVG782722	WSHR, #10 X 0.438 X 0.031, F/W, 18-8SS	4	782722
23	CVG782723	NUT, #10-32, L/N, NYL, NM, 18-8, S/S	2	782723
24	CVG782883	SCR, #4-40 X 0.5, BSHCS, 18-8, S/S	2	782883
25	CVG782884	NUT, #4-40, L/N, NYL, NM, 18-8, S/S	2	782884

NOTE: Items with * in tables indicates parts not shown in drawing

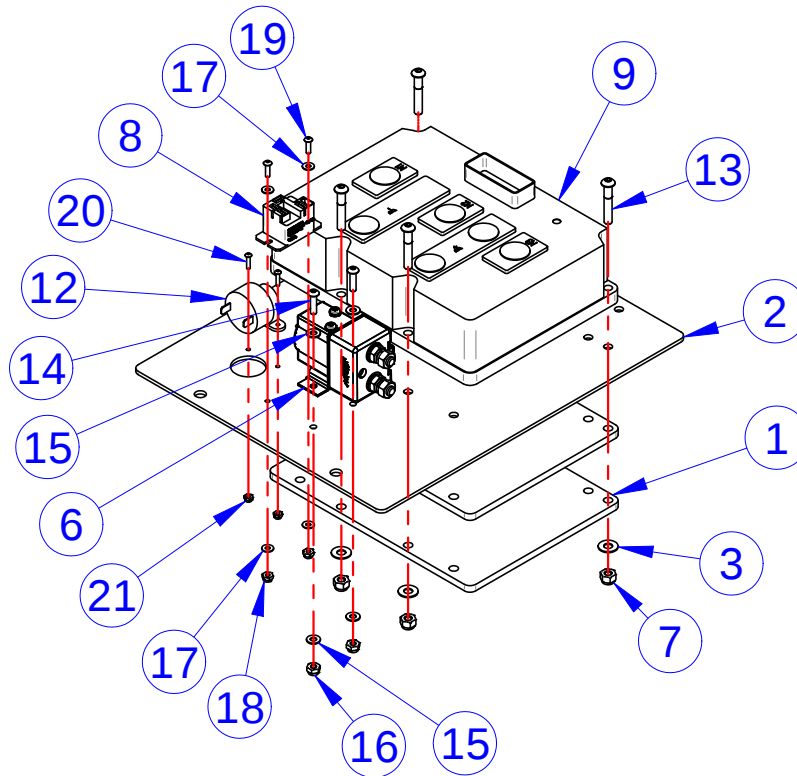
AC CONTROL, 450A



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-21	CVG468820	P&A, ASM, PANEL, SEVCON AC, PL	KIT	468820
1	CVG515379	PLATE, HEAT SINK	2	515379
2*	CVG515761	PANEL, CNTLR, 450A AC, PL	1	515761
3	CVG708511	WASHER, FLAT, 1/4", 18-8SS	4	708511
4*	CVG709004	CABLE, 4GA X 8.75", 5/16" TERM	1	709004
5*	CVG709411	CABLE, 4GA X 61.50", 5/16" TERM	2	709411
6	CVG709590	CONTACTOR, SINGLE- 48V COILS	1	709590
7	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	4	719876
8	CVG759829	RELAY, 48VDC, SPSTNO, 20	1	759829
9	CVG760956	GEN4 CONTROLLER - SEVCON 450A	1	760956
10*	CVG761057	HARNESS - SEVCON AC, BC	1	761057
11*	CVG761063	CABLE, MOTOR, SEVCON AC, 25.5"	3	761063
12	CVG761720	BUZZER, REVERSE, CONT	1	761720
13	CVG782707	SCR, 1/4-20 X 1.5, BSHCS, 18-8, S/S	4	782707
14	CVG782708	SCR, #10-32 X 0.75, BSHCS, 18-8, S/S	2	782708
15	CVG782722	WSHR, #10 X 0.438 X 0.031, F/W, 18-8SS	4	782722
16	CVG782723	NUT, #10-32, L/N, NYL, NM, 18-8, S/S	2	782723
17	CVG782737	WSHR, #6 X 0.375 X 0.031, F/W, 18-8 S/S	4	782737
18	CVG782738	NUT, #6-32, L/N, NYL, NM, 18-8, S/S	2	782738
19	CVG782744	SCR, #6-32 X 0.5, BSHCS, 18-8, S/S	2	782744
20	CVG782883	SCR, #4-40 X 0.5, BSHCS, 18-8, S/S	2	782883
21	CVG782884	NUT, #4-40, L/N, NYL, NM, 18-8, S/S	2	782884

NOTE: Items with * in tables indicates parts not shown in drawing

AC CONTROL, 450A

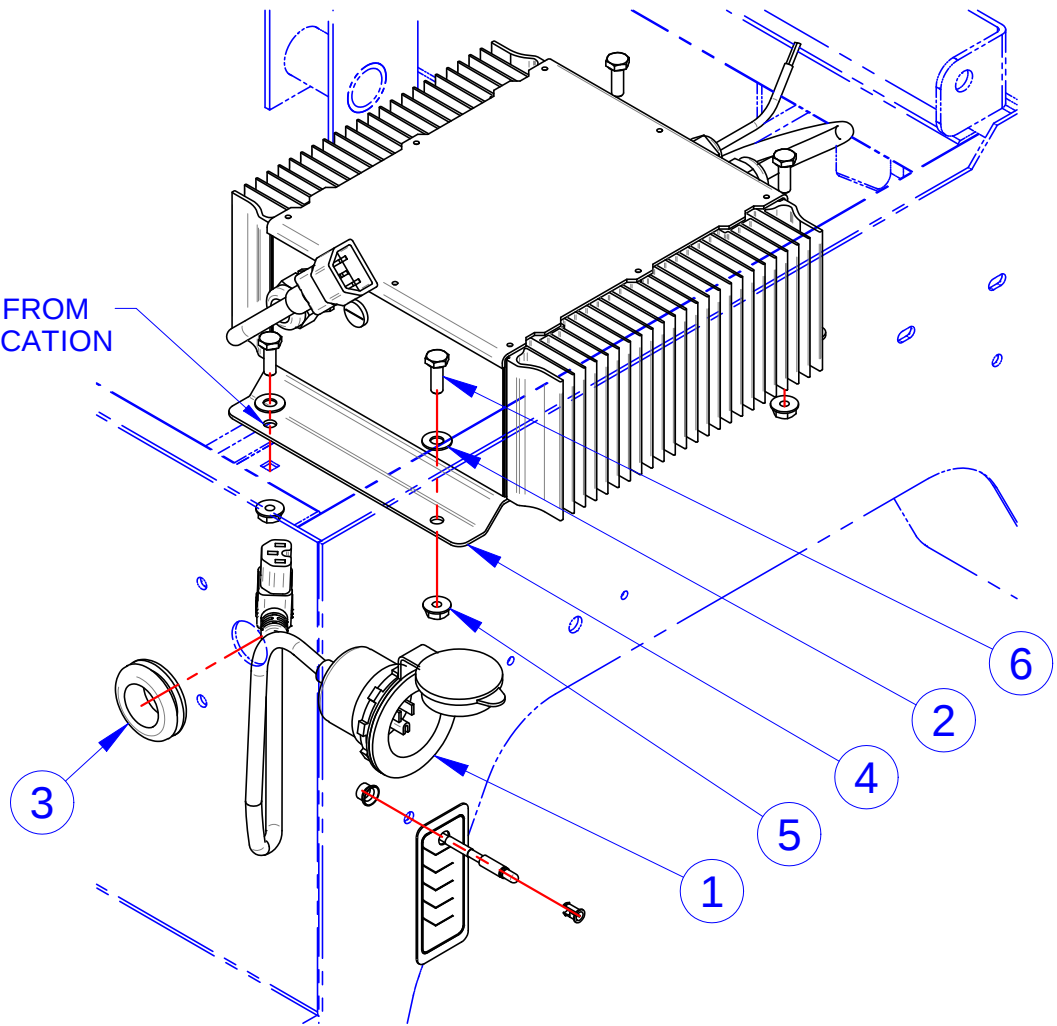


ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-21	CVG468103	P&A, ASM 450A CNTRL PANEL, PL	KIT	468103
1	CVG515379	PLATE, HEAT SINK	2	515379
2	CVG515761	PANEL, CNTLR, 450A AC, PL	1	515761
3	CVG708511	WASHER, FLAT, 1/4", 18-8SS	4	708511
4*	CVG709004	CABLE, 4GA X 8.75", 5/16" TERM	1	709004
5*	CVG709411	CABLE, 4GA X 61.50", 5/16" TERM	2	709411
6	CVG709590	CONTACTOR, SINGLE- 48V COILS	1	709590
7	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	4	719876
8	CVG759829	RELAY, 48VDC, SPSTNO, 20	1	759829
9	CVG760956	GEN4 CONTROLLER - SEVCON 450A	1	760956
10*	CVG761063	CABLE, MOTOR, SEVCON AC, 25.5"	3	761063
11*	CVG761252	HARNESS, SEVCON AC, BC, 2017	1	761252
12	CVG761720	BUZZER, REVERSE, CONT	1	761720
13	CVG782707	SCR, 1/4-20 X 1.5, BSHCS, 18-8, S/S	4	782707
14	CVG782708	SCR, #10-32 X 0.75, BSHCS, 18-8, S/S	2	782708
15	CVG782722	WSHR, #10 X 0.438 X 0.031, F/W, 18-8SS	4	782722
16	CVG782723	NUT, #10-32, L/N, NYL, NM, 18-8, S/S	2	782723
17	CVG782737	WSHR, #6 X 0.375 X 0.031, F/W, 18-8 S/S	4	782737
18	CVG782738	NUT, #6-32, L/N, NYL, NM, 18-8, S/S	2	782738
19	CVG782744	SCR, #6-32 X 0.5, BSHCS, 18-8, S/S	2	782744
20	CVG782883	SCR, #4-40 X 0.5, BSHCS, 18-8, S/S	2	782883
21	CVG782884	NUT, #4-40, L/N, NYL, NM, 18-8, S/S	2	782884

NOTE: Items with * in tables indicates parts not shown in drawing

DELTA-Q CHARGER

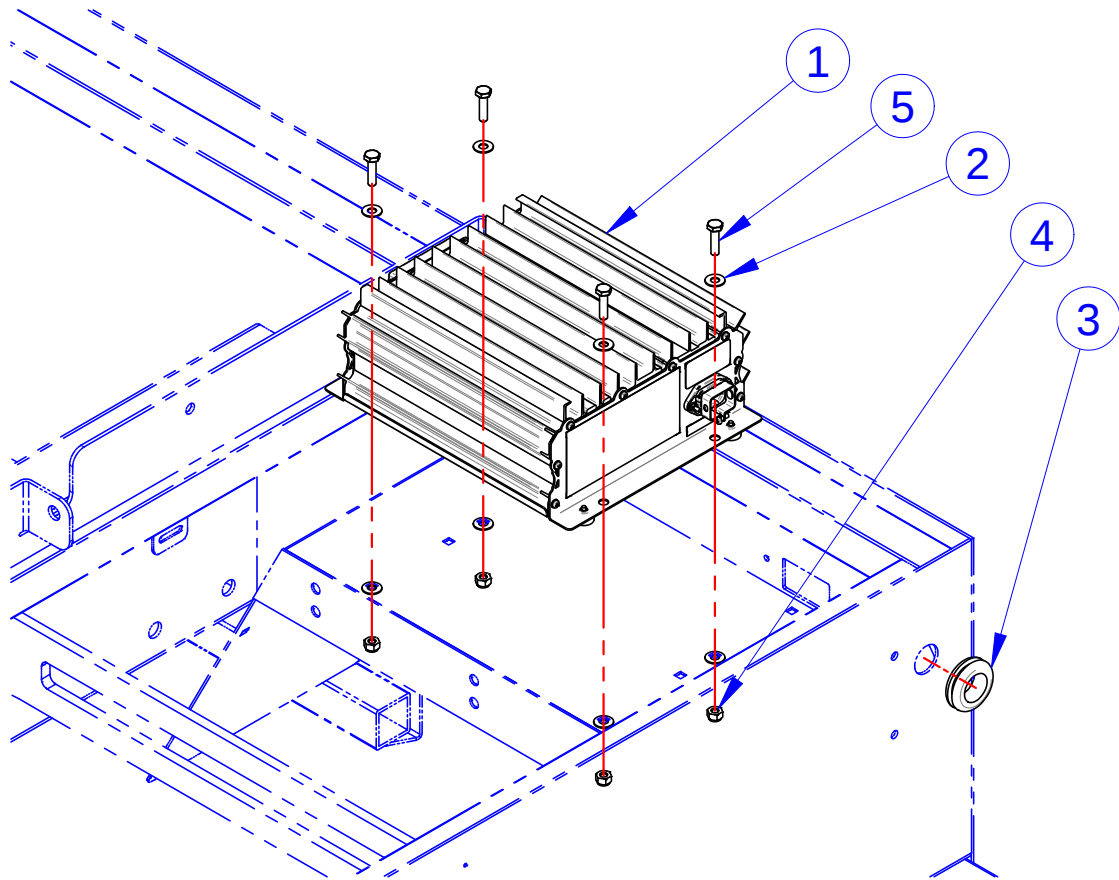
USE HARDWARE FROM
HORN IN THIS LOCATION



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG468176	ASM, CHARGER CORD, 90 DEG PLUG	1	468176
2	CVG708511	WASHER, FLAT, 1/4", 18-8SS	4	708511
3	CVG719524	GROMMET,1.00"IDX1.75"ODX.56",RUBBER	1	719524
4	CVG467839	PROG ALG42 48V CHARGER, 8AGC2	1	467839
	CVG468055	PROG, ALG 42, 36V, CHARGER,	1	468055
	CVG468275	PROG ALG 1, 48V DELTA Q CHARGER	1	468275
	CVG468277	PROG ALG 1, 36V DELTA Q CHARGER	1	468277
	CVG760742	CHARGER, DELTA Q - 48V SEALED, W/LED	1	760742
	CVG760743	CHARGER,DELTA-Q, 36V SEALED,W/LED	1	760743
5	CVG761637	NUT,1/4-20,SERRATED FLANGE, 18-8 SS	4	761637
6	CVG782784	SCREW,1/4-20X3/4,HHCS,18-8SS	4	782784

NOTE: Items with * in tables indicates parts not shown in drawing

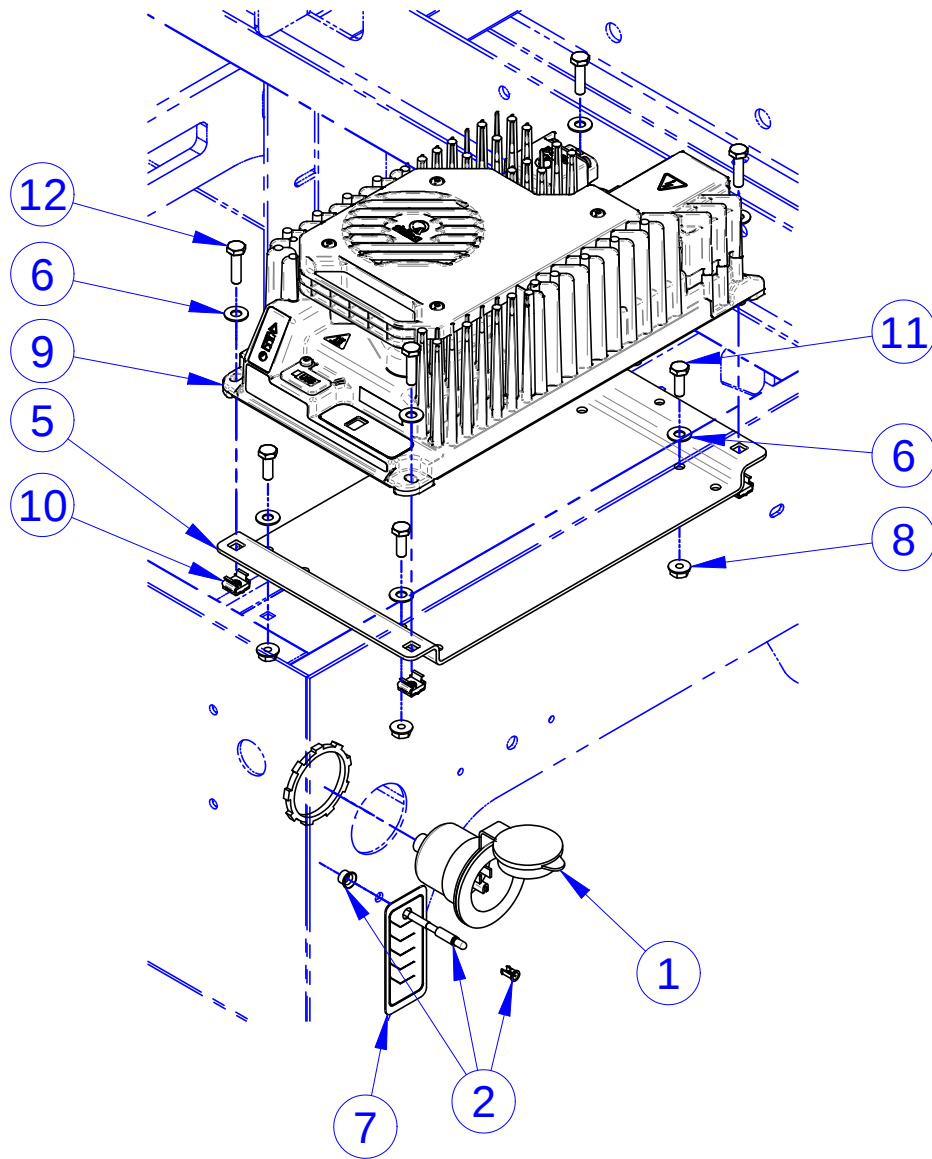
CHARGER



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG468196	CHARGER, LESTER, 48V AGM	1	468196
	CVG468333	PROG, CHGR, 24-48V, 225-260AH, CVG	1	468333
2	CVG708511	WASHER, FLAT, 1/4", 18-8SS	8	708511
3	CVG719524	GROMMET,1.00"IDX1.75"ODX.56",RUBBER	1	719524
4	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	4	719876
5	CVG782785	SCREW,1/4-20X1.0,HHCS,18-8SS	4	782785

NOTE: Items with * in tables indicates parts not shown in drawing

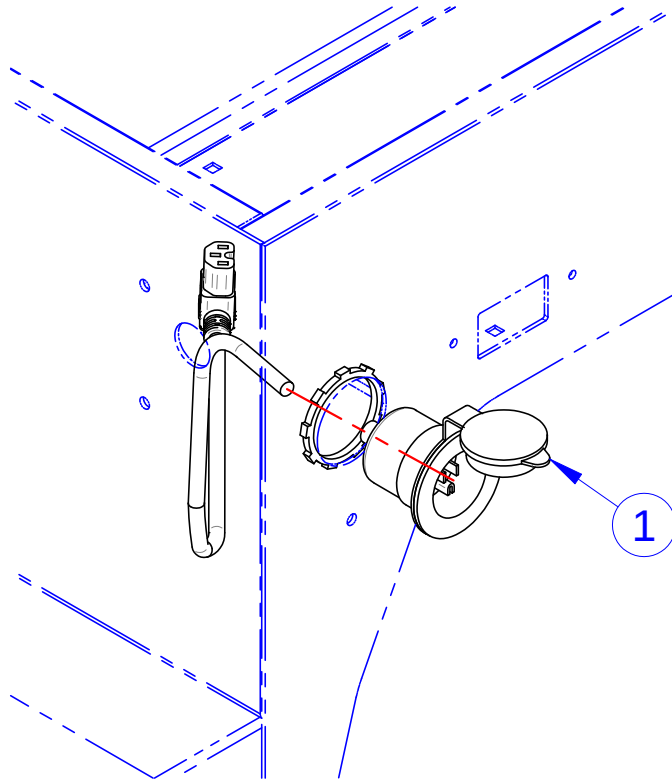
48V CHARGER



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG467405	ASSY, CHARGER CORD W/ RECEPT	1	467405
2	CVG468250	ASM, LED, IC1200 REMOTE	1	468250
3*	CVG468251	HARNESS, BATTERY, IC1200, BC	1	468251
4*	CVG468252	HARNESS, INTERLOCK, IC1200, BC	1	468252
5	CVG517755	BRKT, BC IC1200 CHGR	1	517755
6	CVG708511	WASHER, FLAT, 1/4", 18-8SS	8	708511
7	CVG760754	LABEL, CHARGER LED	1	760754
8	CVG761637	NUT,1/4-20,SERRATED FLANGE, 18-8 SS	4	761637
9	CVG761717	CHARGER,DELTA-Q,48V,IC1200	1	761717
10	CVG782339	NUT, 1/4-20, CAGE, 0.093-0.126, MAGNI 525	4	782339
11	CVG782784	SCREW,1/4-20X3/4,HHCS,18-8SS	4	782784
12	CVG782785	SCREW,1/4-20X1.0,HHCS,18-8SS	4	782785

NOTE: Items with * in tables indicates parts not shown in drawing

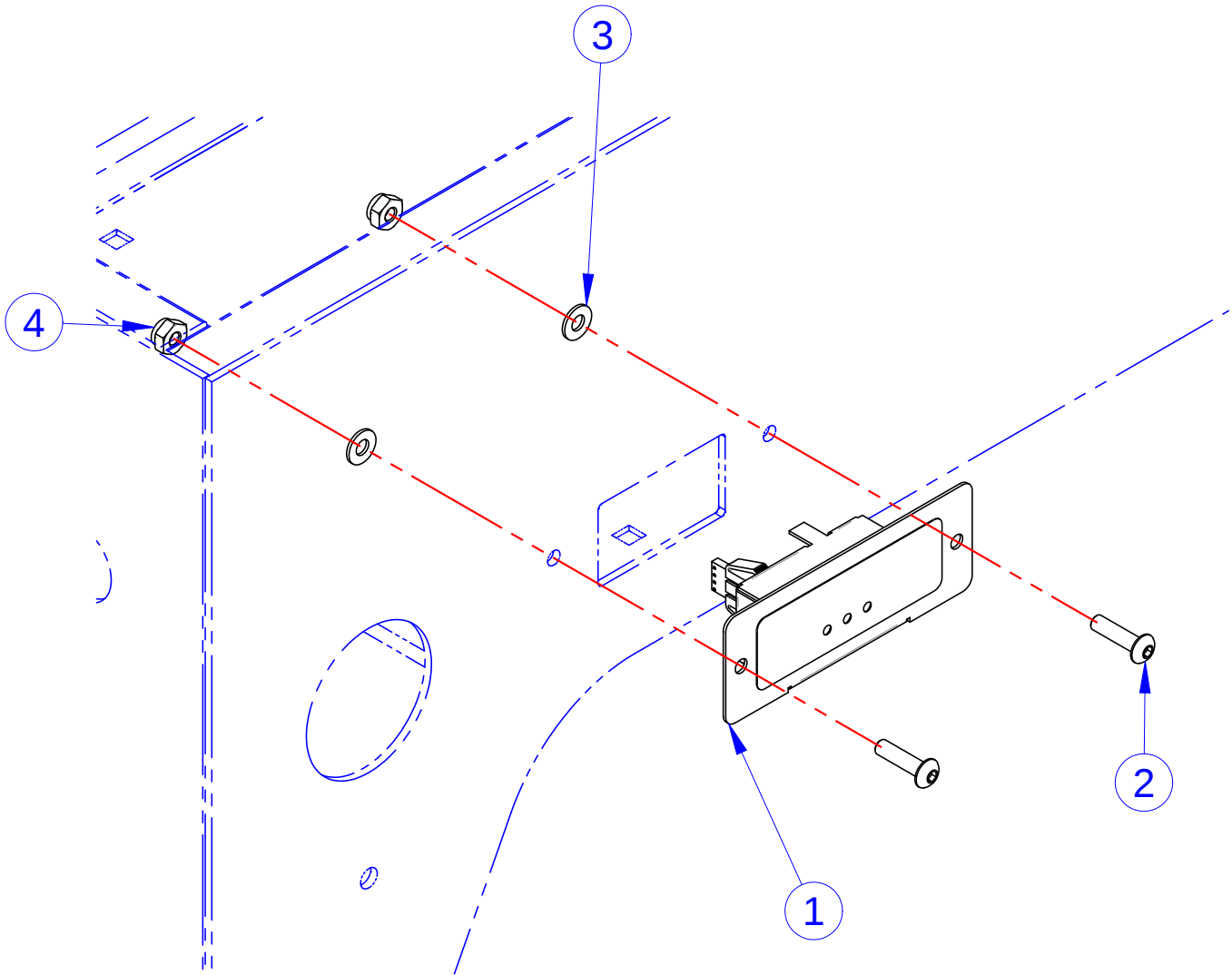
CHARGER PLUG



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG468176	ASM, CHARGER CORD, 90 DEG PLUG	1	468176

NOTE: Items with * in tables indicates parts not shown in drawing

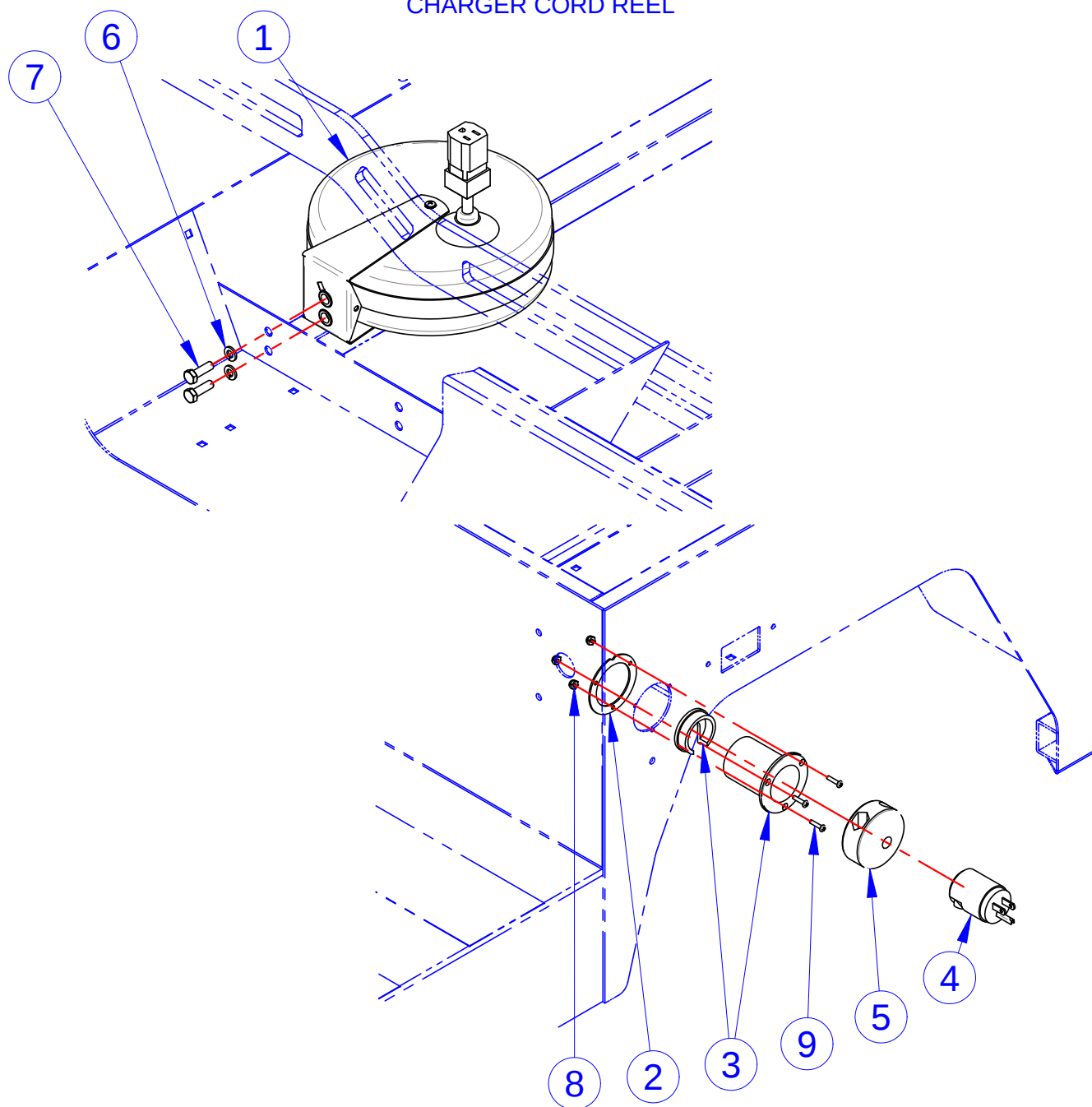
CHARGER DISPLAY



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG761750	DISPLAY, LESTER, SUMMIT II	1	761750
2	CVG782708	SCR, #10-32 X 0.75, BSHCS, 18-8, S/S	2	782708
3	CVG782722	WSHR, #10 X 0.438 X 0.031, F/W, 18-8SS	2	782722
4	CVG782723	NUT, #10-32, L/N, NYL, NM, 18-8, S/S	2	782723

NOTE: Items with * in tables indicates parts not shown in drawing

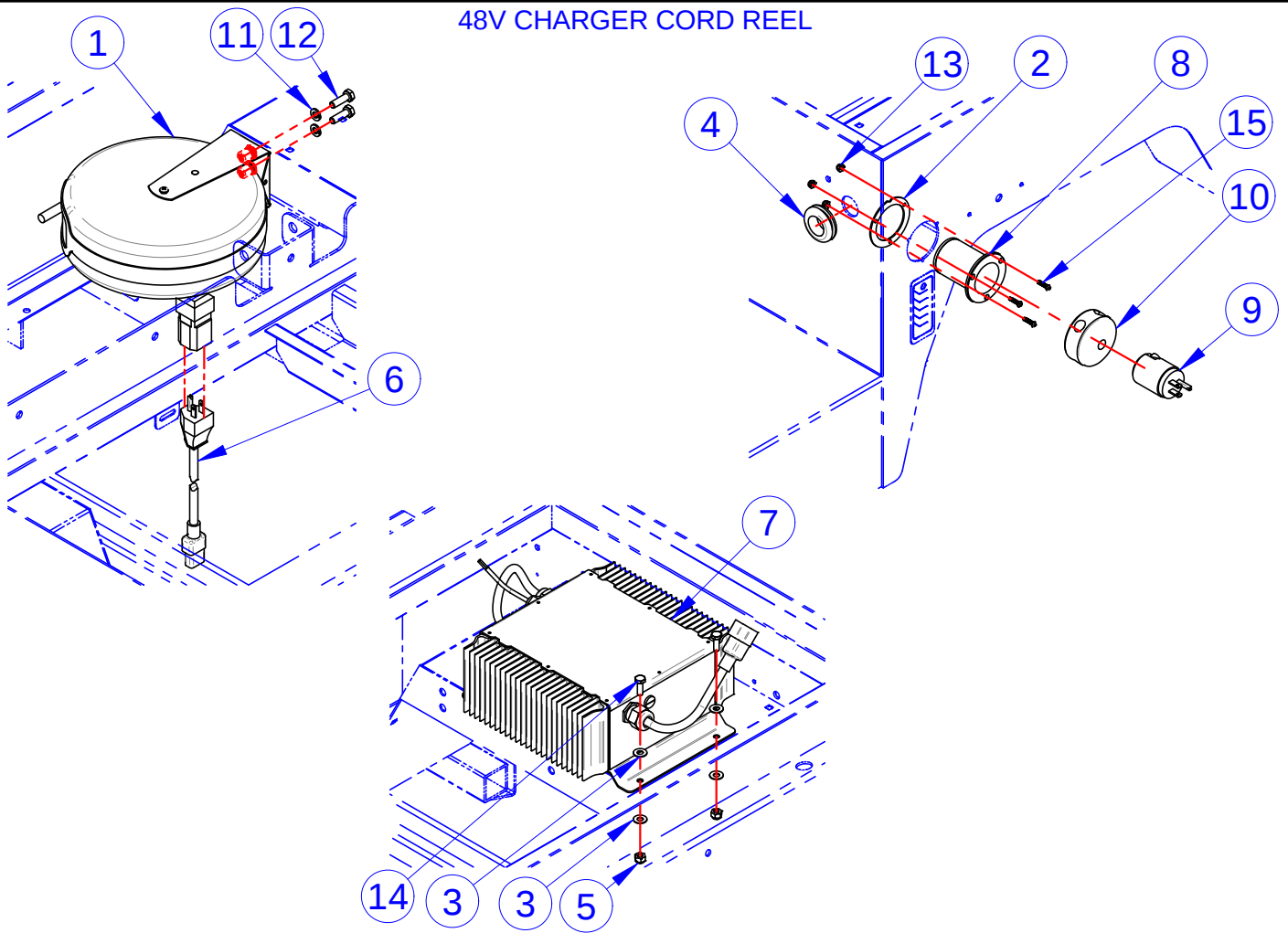
CHARGER CORD REEL



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG468080	ASSY, CORD REEL	1	468080
2	CVG516497	PLATE, BACKING, PLUG HOLDER	1	516497
3	CVG761237	PLUG HOLDER	1	761237
4	CVG761239	PLUG, MALE, 15A	1	761239
5	CVG761259	STOP, CORD REEL	1	761259
6	CVG781621	WSHR, 5/16, L/W, SPLIT, 18-8, S/S	2	781621
7	CVG782720	SCR, 5/16-18 X 1, HHCS, 18-8, S/S	2	782720
8	CVG782738	NUT, #6-32, L/N, NYL, NM, 18-8, S/S	3	782738
9	CVG782816	SCREW, #6-32X5/8, PPHMS, 18-8 SS	3	782816

NOTE: Items with * in tables indicates parts not shown in drawing

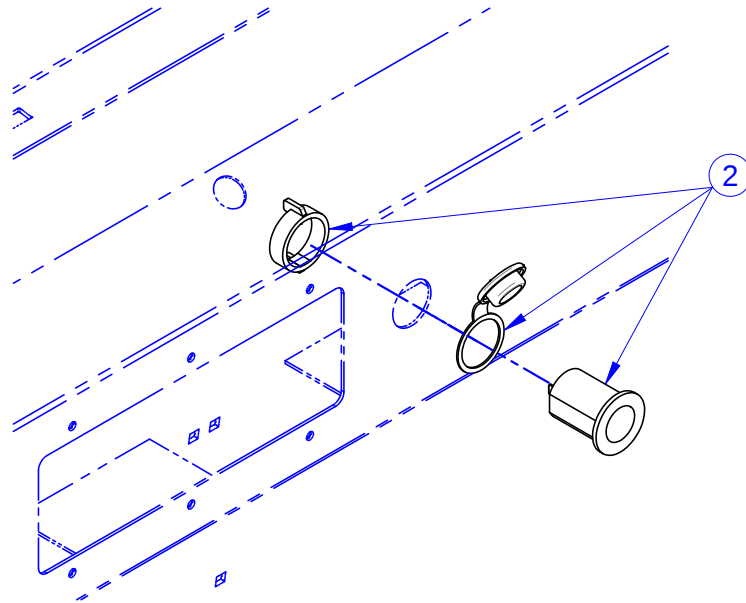
48V CHARGER CORD REEL



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG468080	ASSY, CORD REEL	1	468080
2	CVG516497	PLATE, BACKING, PLUG HOLDER	1	516497
3	CVG708511	WASHER, FLAT, 1/4", 18-8SS	8	708511
4	CVG719524	GROMMET,1.00"IDX1.75"ODX.56",RUBBER	1	719524
5	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	4	719876
6	CVG760691	CHARGER CORD, 6.5FT, 14/3	1	760691
7	CVG760742	CHARGER, DELTA Q - 48V SEALED, W/LED	1	760742
8	CVG761237	PLUG HOLDER	1	761237
9	CVG761239	PLUG, MALE, 15A	1	761239
10	CVG761259	STOP, CORD REEL	1	761259
11	CVG781621	WSHR, 5/16, L/W, SPLIT, 18-8, S/S	2	781621
12	CVG782720	SCR, 5/16-18 X 1, HHCS, 18-8, S/S	2	782720
13	CVG782738	NUT, #6-32, L/N, NYL, NM, 18-8, S/S	3	782738
14	CVG782784	SCREW,1/4-20X3/4,HHCS,18-8SS	4	782784
15	CVG782816	SCREW,6-32X5/8,PPHMS,18-8 SS	3	782816

NOTE: Items with * in tables indicates parts not shown in drawing

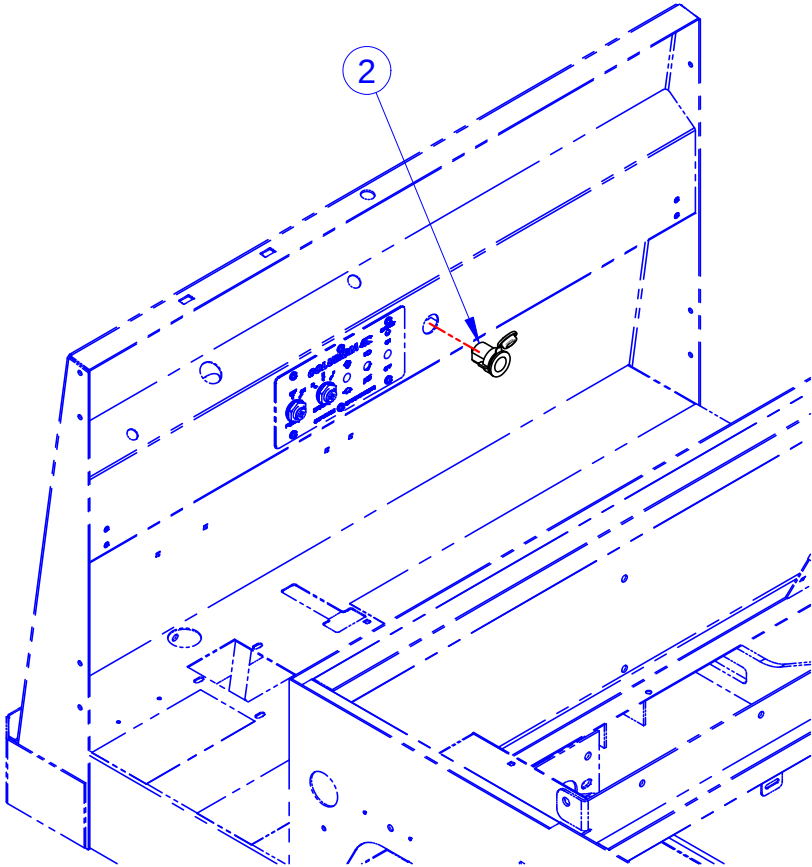
12V POWER OUTLET



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1*	CVG467619	HARNESS, BC 12V OUTLET	1	467619
2	CVG761729	RECEPTACLE, USB	1	761729

NOTE: Items with * in tables indicates parts not shown in drawing

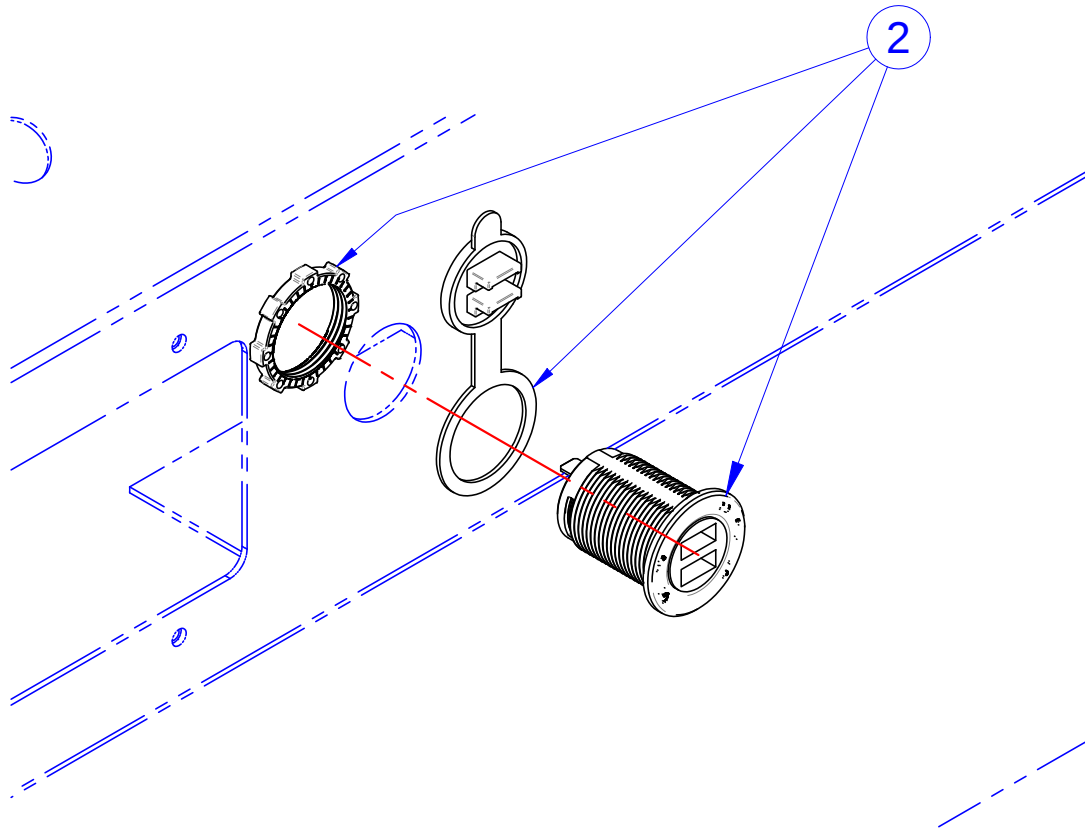
12V OUTLET



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-2	CVG191728U	P&A KIT, BC 12V OUTLET	KIT	191728A
1*	CVG467619	HARNESS, BC 12V OUTLET	1	467619
2	CVG719342	RECEPTACLE, 12V, COVERED	1	719342

NOTE: Items with * in tables indicates parts not shown in drawing

USB CHARGER PORT



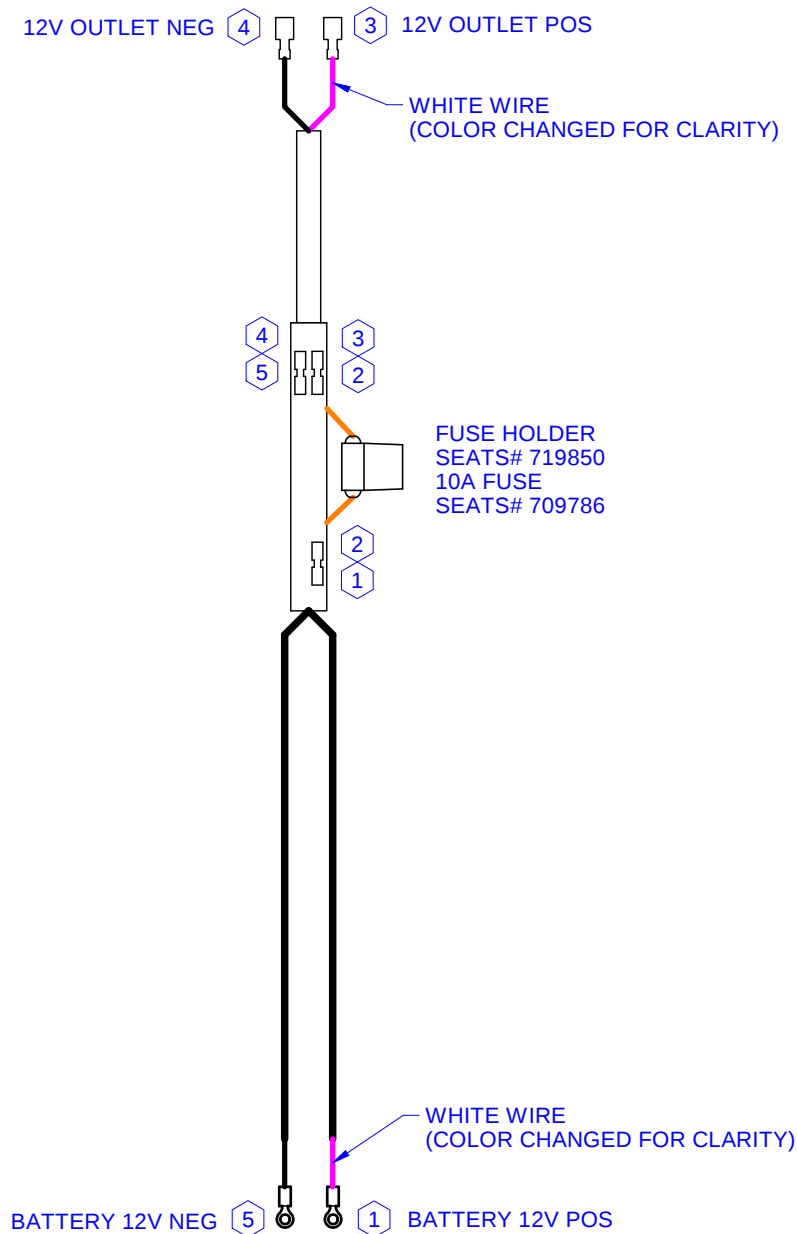
ITEM	CVG PN	DESCRIPTION	QTY	REF #
1*	CVG467619	HARNESS, BC 12V OUTLET	1	467619
2	CVG761729	RECEPTACLE, USB CHARGING PORT	1	761729

NOTE: Items with * in tables indicates parts not shown in drawing

12V ACCESSORIES HARNESS

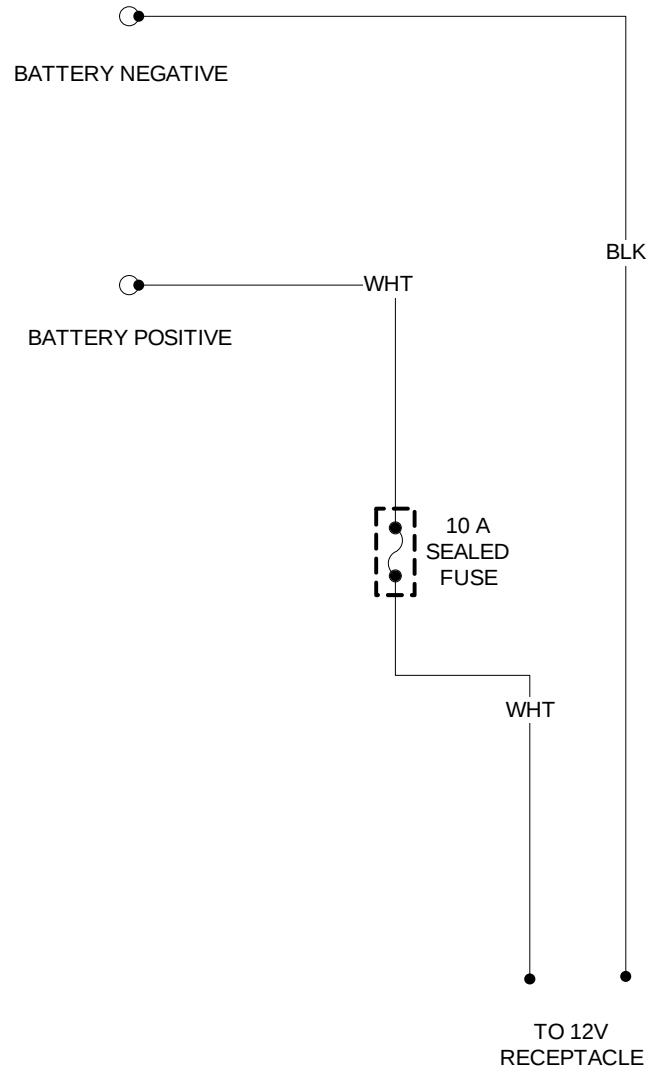
CIRCUIT NO	DESCRIPTION	FIRST TERMINAL	SECOND TERMINAL	WIRE LENGTH*	WIRE COLOR	WIRE GAGE
1	BATTERY 12V POS TO FUSE HOLDER	14-16 GA 3/8" RING TERM	14-16 GA BUTT SPLICE	31.00"	WHT	16
2	FUSE HOLDER	2nd TERM CIR #1	14-16 GA BUTT SPLICE	N/A	N/A	N/A
3	FUSE HOLDER TO WIPER POS	2nd TERM CIR #2	14-16 GA 1/4" F.I.F.	152.00 (1)	WHT	16
4	WIPER NEG TO SPLICE	14-16 GA 1/4" F.I.F.	14-16 GA BUTT SPLICE	152.00 (1)	BLK	16
5	SPLICE TO BATTERY 12V NEG	2nd TERM CIR #4	14-16 GA 3/8" RING TERM	40.00"	BLK	16

* WIRE LENGTH FOR REFERENCE USE ONLY
 FIF = FULLY INSULATED FEMALE QUICK CONNECT
 FIM = FULLY INSULATED MALE QUICK CONNECT
 (1) = WIRE, 16/2 CABLE



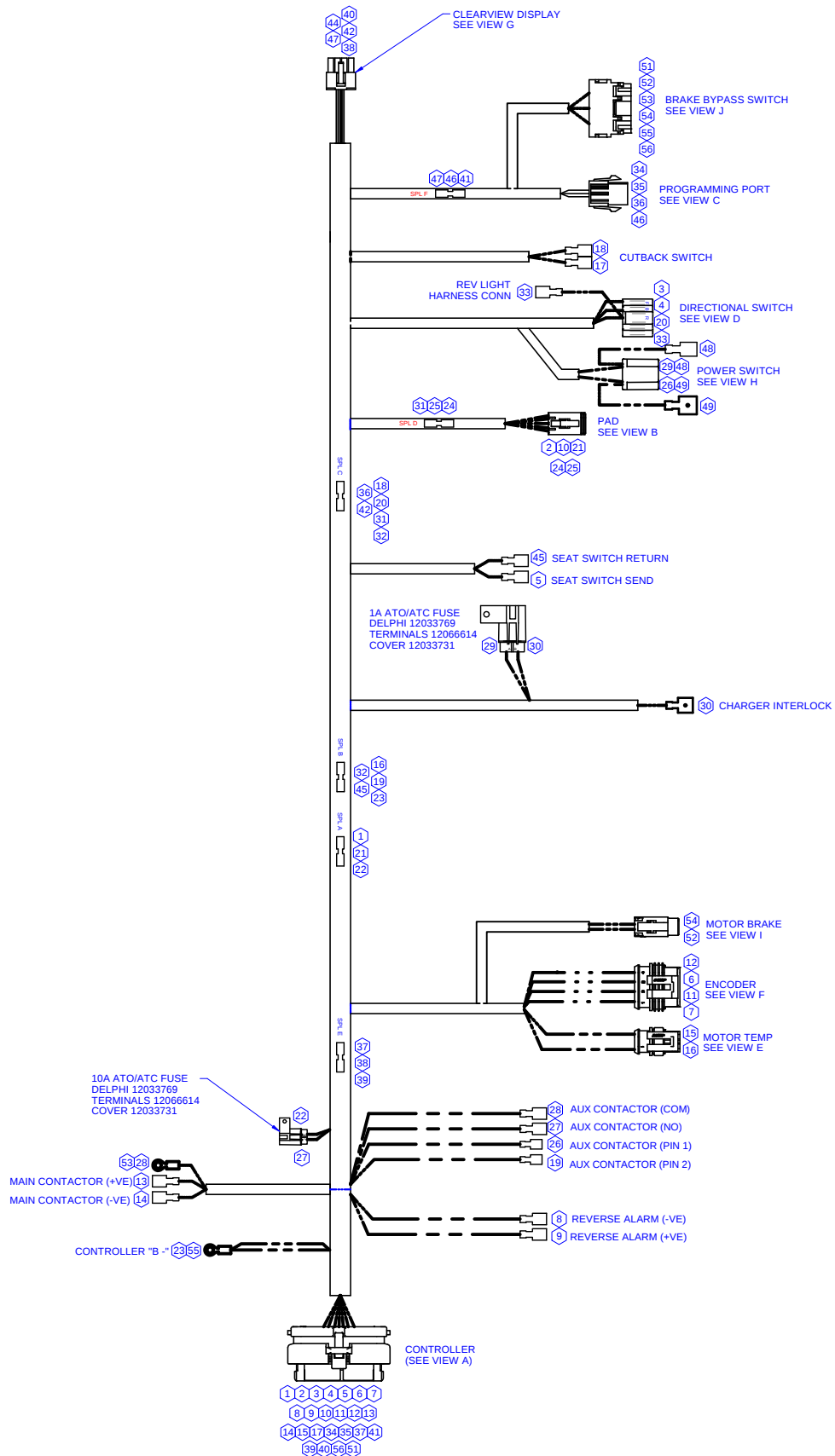
NOTE: Items with * in tables indicates parts not shown in drawing

12V RECEPTACLE OUTLET
SCHEMATIC



NOTE: Items with * in tables indicates parts not shown in drawing

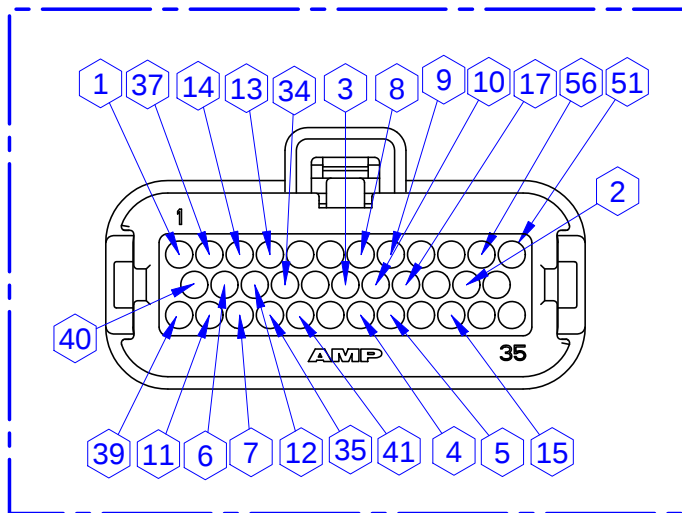
AC HARNESS



NOTE: Items with * in tables indicates parts not shown in drawing

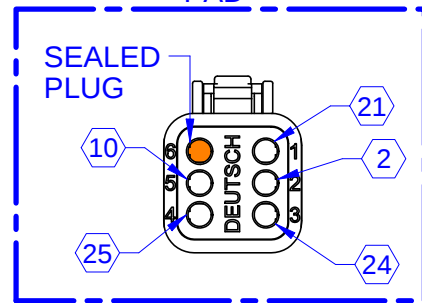
AC HARNESS

CONTROLLER



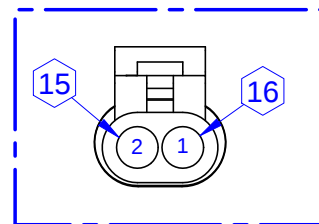
VIEW A
AMP 776164
CONTACT 770520-1

PAD



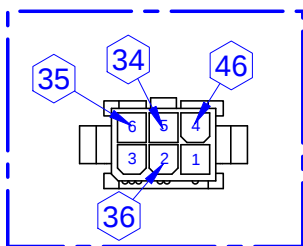
VIEW B
DEUTSCH DT06-6S
CONTACT 1062-16-0122
WEDGELOCK W6S
SEAL PLUG 0413-217-1605

MOTOR TEMP



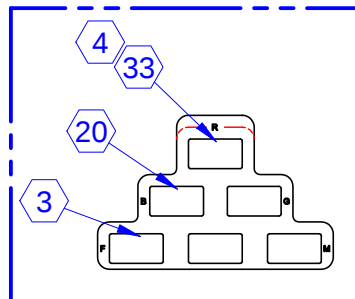
VIEW E
AMP 282080-1
CONTACT 282110-1

PROGRAMMING PORT



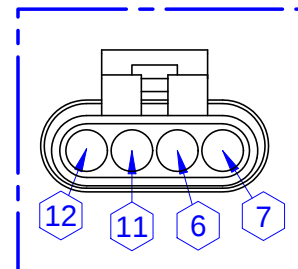
VIEW C
MOLEX 39012061
CONTACT 44478-1112

DIRECTION SWITCH



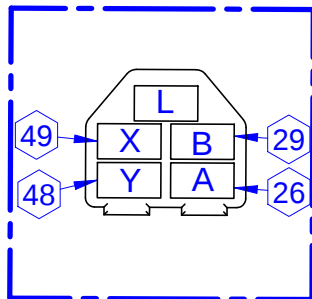
VIEW D
DELPHI 02977233
CONTACT 12124512

MOTOR ENCODER



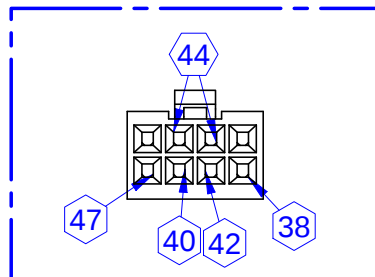
VIEW F
AMP 282088-1
CONTACT 282110-1

KEY SWITCH



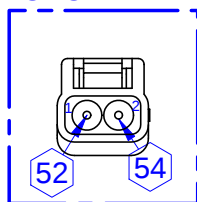
VIEW H
DELPHI 2973422
PIN - 12124513

CLEARVIEW DISPLAY



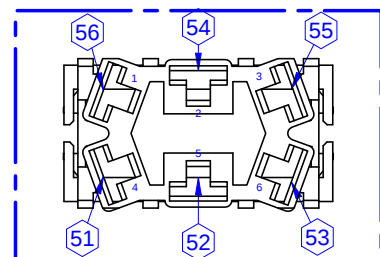
VIEW G
MOLEX 39-01-2080 PLUG
PIN P/N 39-00-0039

MOTOR BRAKE



VIEW I
DEUTSCH DTM06-2S
CONTACT 1062-20-0122
WEDGELOCK WM-6S

BRAKE BYPASS SWITCH



VIEW J
EATON 28-3426
PIN - DELPHI 12015870

NOTE: Items with * in tables indicates parts not shown in drawing

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CIRCUIT NO	DESCRIPTION	FIRST TERMINAL	SECOND TERMINAL	WIRE LENGTH*	WIRE COLOR	WIRE GAGE
1	CONTROL PIN 1 (POWER INPUT) TO SPLICE A	AMP SOCKET (1)	10-12GA SPLICE	25	RED	18
2	CONTROL PIN 22 (PEDAL SIGNAL) TO PAD PLUG PIN 2	AMP SOCKET (1)	DEUTSCH (2)	180	GRN	18
3	CONTROL PIN 18 (FWD) TO DIRECTIONAL SWITCH "F"	AMP SOCKET (1)	PACKARD TERM (4)	214	GRN	18
4	CONTROL PIN 30 (REV) TO DIR SW "R"	AMP SOCKET (1)	PACKARD TERM (4)	214	GRAY	18
5	CONTROL PIN 31 (SEAT SW SEND) TO VEHICLE	AMP SOCKET (1)	18-20 GA 1/4" F.I.F.	134	BLK	18
6	CONTROL PIN 14 (ENC PHASE A) TO ENCODER PLUG (PIN2)	AMP SOCKET (1)	AMP SOCKET (3)	26	WHT	16
7	CONTROL PIN 26 (ENC +VE SUPPLY) TO ENCODER PLUG (PIN 1)	AMP SOCKET (1)	AMP SOCKET (3)	26	RED	16
8	CONTROL PIN 7 TO REV ALARM (-)	AMP SOCKET (1)	18-20 GA 1/4" F.I.F.	18	BLK	18
9	CONTROL PIN 8 TO REV ALARM (+)	AMP SOCKET (1)	18-20 GA 1/4" F.I.F.	18	YLW	18
10	CONTROL PIN 19 (PEDAL SW +VE) TO PAD PLUG PIN 5	AMP SOCKET (1)	DEUTSCH (2)	180	BLU	18
11	CONTROL PIN 25 (ENC PHASE B) TO ENCODER PLUG (PIN 3)	AMP SOCKET (1)	AMP SOCKET (3)	26	BLU	16
12	CONTROL PIN 15 (ENC -VE SUPPLY) TO ENCODER PLUG (PIN 4)	AMP SOCKET (1)	AMP SOCKET (3)	26	BLK	16
13	CONTROL PIN 4 TO MAIN CONT COIL (POS)	AMP SOCKET (1)	18-20 GA 1/4" F.I.F.	13	RED	18
14	CONTROL PIN 3 TO MAIN CONT COIL (NEG)	AMP SOCKET (1)	18-20 GA 1/4" F.I.F.	13	BLK	18
15	CONTROL PIN 33 (MOTOR TEMP +) TO MOTOR TEMP PLUG (PIN 2)	AMP SOCKET (1)	AMP SOCKET (3)	26	YLW	18
16	MOTOR TEMP PLUG (PIN 1 (-)) TO SPLICE B	AMP SOCKET (3)	10-12GA SPLICE	19	GRN	18
17	CONTROL PIN 20 (CUTBACK) TO CUTBACK SWITCH	AMP SOCKET (1)	18-20 GA 1/4" F.I.F.	215	ORG	18
18	CUTBACK SWITCH TO SPLICE C	18-20 GA 1/4" F.I.F	10-12GA SPLICE	47	BLK	18
19	SPLICE B TO AUX CONTACTOR COIL (PIN 2)	2ND CIRCUIT SPLICE B	18-20 GA 3/16" F.I.F.	31	BLK	18
20	DIRECTIONAL SWITCH "B" TO SPLICE C	PACKARD TERM (4)	2ND CIRCUIT SPLICE C	46	BLK	18
21	SPLICE A TO PAD PLUG PIN 1	2ND CIRCUIT SPLICE A	DEUTSCH (2)	155	RED	18
22	SPLICE A TO FUSE 10A	3RD CIRCUIT SPLICE A	PACKARD TERM (5)	16	RED	18
23	SPLICE B TO B (-) CONTROLLER	3RD CIRCUIT SPLICE B	16-18 GA 5/16" RING TERM (6)	31	BLK	16
24	SPLICE D TO PAD PLUG PIN 3	10-12GA SPLICE	DEUTSCH (2)	4	YLW	18
25	SPLICE D TO PAD PLUG PIN 4	2ND CIRCUIT SPLICE D	DEUTSCH (2)	4	BLK	18
26	AUX CONTACTOR COIL (PIN 1) TO POWER SWITCH "A"	PACKARD (4)	18-20 GA 3/16" F.I.F.	221	RED	18
27	FUSE 10 A TO AUX CONTACTOR (NO)	PACKARD TERM (5)	16-18 GA 1/4" F.I.F.	17	RED	18
28	AUX CONTACTOR (COM) TO MAIN CONTACTOR (POS)	16-18 GA 1/4" F.I.F.	16-18 GA 5/16" RING TERM (6)	17	RED	18
29	POWER SWITCH "B" TO FUSE 1A	PACKARD (4)	PACKARD TERM (5)	193	RED	18
30	FUSE 1A TO CHARGER INTERLOCK (CONTROL +)	PACKARD TERM (5)	14-16 GA 1/4" F.I.M.	6	RED	18
31	SPLICE D TO SPLICE C	3RD CIRCUIT SPLICE D	3RD CIRCUIT SPLICE C	8	BLK	18
32	SPLICE C TO SPLICE B	4TH CIRCUIT SPLICE C	4TH CIRCUIT SPLICE B	141	BLK	18
33	DIR SW "R" TO REV LIGHT HARNESS CONN	2ND TERM CIRCUIT 4	18-20 GA 1/4" F.I.F.	3	GRAY	18
34	CONTROL PIN 16 (CAN HIGH) TO PROGRAMMING PORT PIN 5	AMP SOCKET (1)	MOLEX (7)	220	BLU	18
35	CONTROL PIN 27 (CAN LOW) TO PROGRAMMING PORT PIN 6	AMP SOCKET (1)	MOLEX (7)	220	YLW	18

* WIRE LENGTH FOR REFERENCE USE ONLY
FIF = FULLY INSULATED FEMALE QUICK CONNECT
FIM = FULLY INSULATED MALE QUICK CONNECT
(1) = WIRE, 16/2 CABLE

CONTINUED ON NEXT PAGE

NOTE: Items with * in tables indicates parts not shown in drawing

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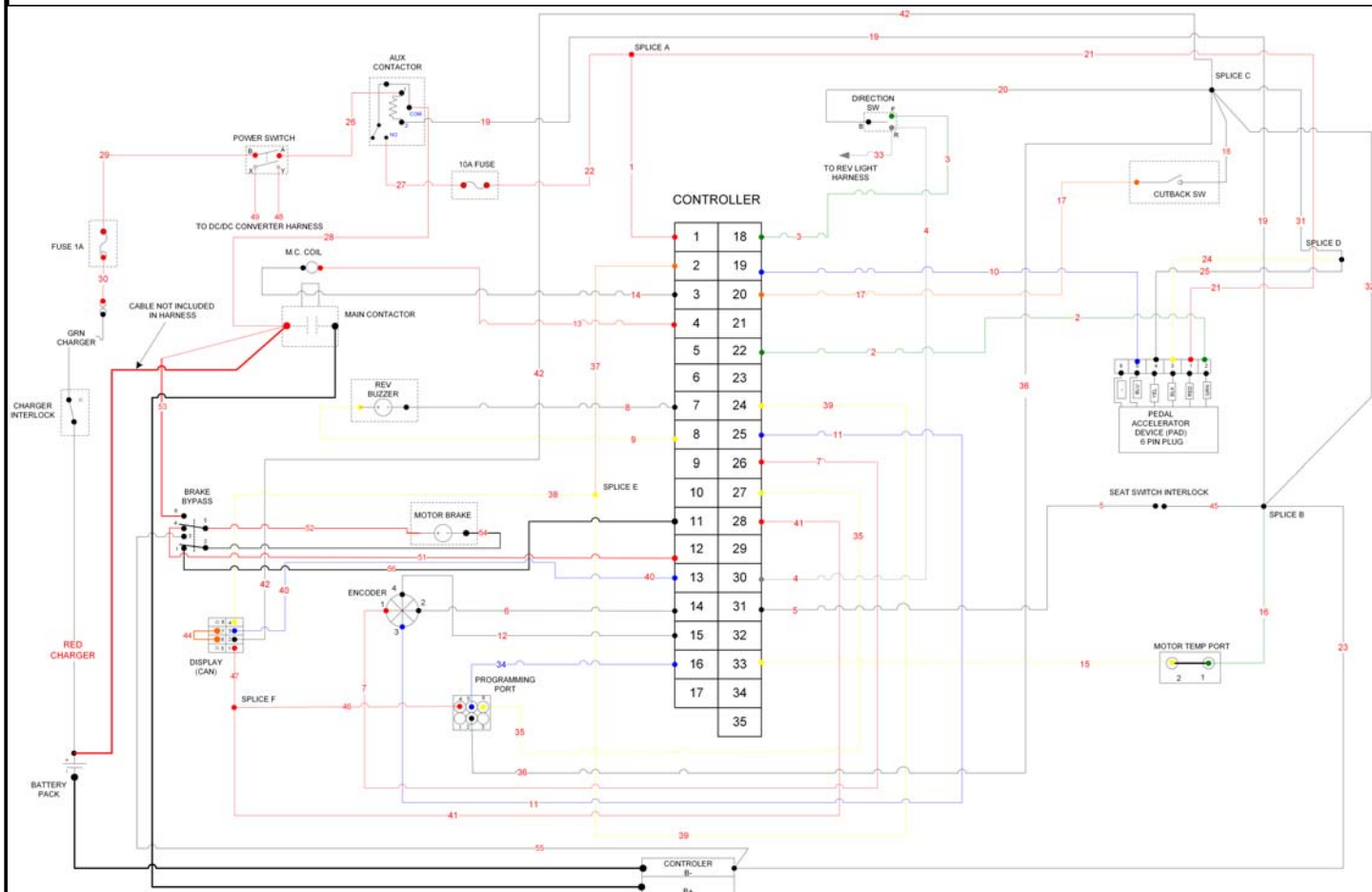


CIRCUIT NO	DESCRIPTION	FIRST TERMINAL	SECOND TERMINAL	WIRE LENGTH*	WIRE COLOR	WIRE GAGE
36	SPLICE C TO PROGRAMMING PORT PIN 2	5TH CIRCUIT SPLICE C	MOLEX (7)	52	BLK	18
37	CONTROL PIN 2 (CAN TERM) TO SPLICE E	AMP SOCKET (1)	10-12GA SPLICE	13	ORG	18
38	SPLICE E TO DISPLAY PIN 4	2ND CIRCUIT SPLICE E	MOLEX (7)	212	YLW	18
39	CONTROL PIN 24 TO SPLICE E	AMP SOCKET (1)	3RD CIRCUIT SPLICE E	13	YLW	18
40	CONTROL PIN 13 (CAN HIGH) TO DISPLAY PIN 3	AMP SOCKET (1)	MOLEX (8)	225	BLU	18
41	CONTROL PIN 28 (CAN + SPLY) TO SPLICE F	AMP SOCKET (1)	10-12GA SPLICE	214	RED	18
42	DISPLAY PIN 2 TO SPLICE C	MOLEX (8)	6TH CIRCUIT SPLICE C	57	BLK	18
44	DISPLAY PIN 6 TO DISPLAY PIN 7	MOLEX (8)	MOLEX (8)	2	ORG	18
45	SEAT SW RETURN TO SPLICE B	18-20 GA 1/4" F.I.F.	5TH CIRCUIT SPLICE B	107	BLK	18
46	SPLICE F TO PROGRAMMING PORT PIN 4	2ND CIRCUIT SPLICE F	MOLEX (7)	6	RED	18
47	SPLICE F TO DISPLAY PIN 1	3RD CIRCUIT SPLICE F	MOLEX (8)	19	RED	18
48	POWER SWITCH "Y" TO DC CONVERTER	PACKARD TERM (4)	14-16 GA 1/4" F.I.F.	5	RED	16
49	POWER SWITCH "X" TO DC CONVERTER	PACKARD TERM (4)	14-16 GA 1/4" F.I.M.	5	RED	16
51	CONTROL PIN 12 (+) TO BRAKE SW TERM 4	AMP (1)	DELPHI (10)	232	RED	18
52	MOTOR BRAKE PLUG PIN 1 TO BRAKE SW TERM 5	DEUTSCH (9)	DELPHI (10)	216	BROWN	18
53	MAIN CONTACTOR TO BRAKE SW TERM 6	2ND TERM CIRCUIT 28	DELPHI (10)	221	RED	18
54	MOTOR BRAKE PLUG PIN 2 TO BRAKE SW TERM 2	DEUTSCH (9)	DELPHI (10)	216	GRN	18
55	BRAKE SW TERM 3 TO B(-) CONTROLLER	DELPHI (10)	2ND TERM CIRCUIT 23	226	BLK	18
56	CONTROL PIN 11 TO BRAKE SW TERM N	AMP (1)	DELPHI (10)	232	BLK	18

* WIRE LENGTH FOR REFERENCE USE ONLY
FIF = FULLY INSULATED FEMALE QUICK CONNECT
FIM = FULLY INSULATED MALE QUICK CONNECT
(1) = WIRE, 16/2 CABLE

NOTE: Items with * in tables indicates parts not shown in drawing

AC HARNESS



CONTROLLER PIN DESCRIPTIONS		CONTROLLER PIN DESCRIPTIONS		CONTROLLER PIN DESCRIPTIONS	
PIN	DESCRIPTIONS	PIN	DESCRIPTIONS	PIN	DESCRIPTIONS
1	KEY SWITCH INPUT	16	CAN HIGH	31	SAFETY OUT
2	CAN BUS TERMINATION	17	NOT USED	32	NOT USED
3	MAIN CONTACTOR (-)	18	FORWARD	33	MOTOR TEMP (+)
4	MAIN CONTACTOR (+)	19	FS1 (+) SUPPLY	34	NOT USED
5	NOT USED	20	CUTBACK SWITCH	35	NOT USED
6	NOT USED	21	NOT USED		
7	REVERSE ALARM (-)	22	PEDAL SIGNAL		
8	REVERSE ALARM (+)	23	NOT USED		
9	NOT USED	24	CAN LOW (DISPLAY)		
10	NOT USED	25	ENCODER PHASE B		
11	MOTOR BRAKE (-)	26	ENCODER (+) SUPPLY		
12	MOTOR BRAKE (+)	27	CAN LOW		
13	CAN HIGH (DISPLAY)	28	DISPLAY (+) SUPPLY		
14	ENCODER PHASE A	29	NOT USED		
15	ENCODER (-) SUPPLY	30	REVERSE		

NOTE: Items with * in tables indicates parts not shown in drawing

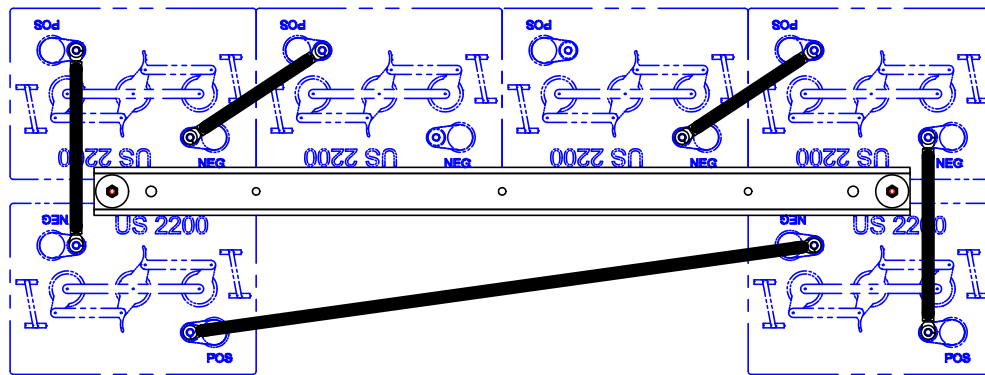
BATTERY WATERING SYSTEM



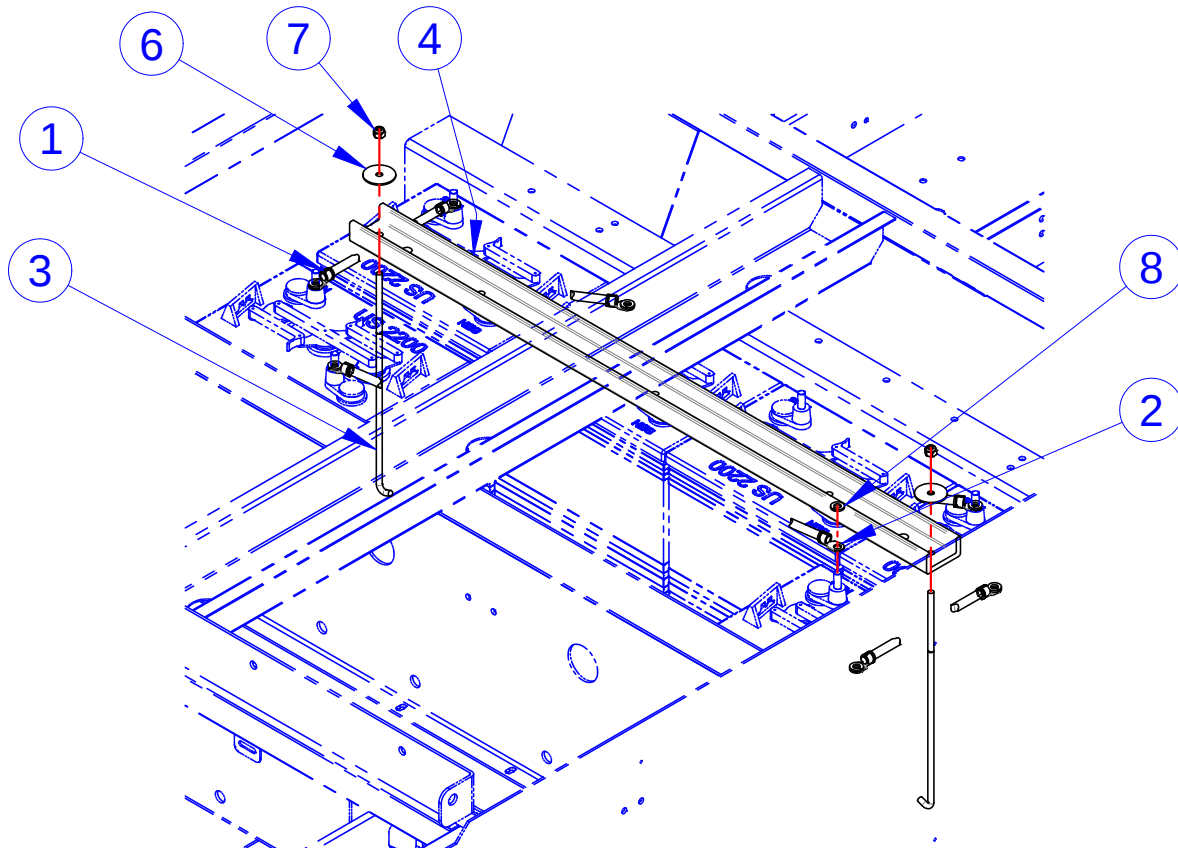
ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG759857	BATTERY WATERING SYSTEM CAPS,48V	1	759857
2	CVG759858	BATTERY WATERING SYSTEM HAND PUMP	1	759858

NOTE: Items with * in tables indicates parts not shown in drawing

BATTERY HARDWARE 36V



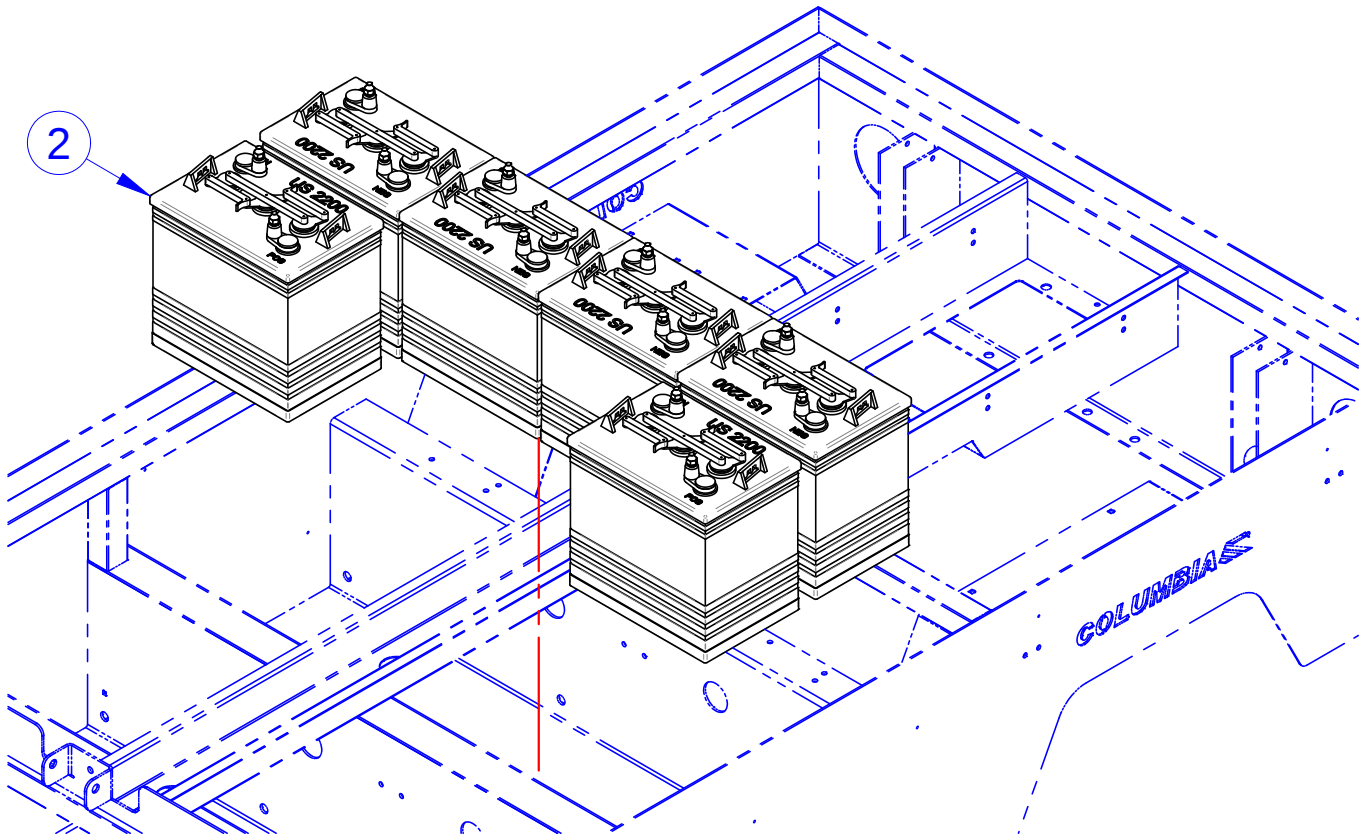
FRONT OF VEHICLE



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG709004	CABLE, 4 GA X 8.75, 5/16 TERMINALS	4	709004
2	CVG709019	CABLE, 4GA X 37.00", 5/16" TERM	1	709019
3	CVG709059	ROD, BATTERY HOLD DOWN	2	709059
4	CVG709196	HOLD-DOWN, BATTERY	1	709196
5*	CVG719504	CABLE TIE,BLACK,.18X11-3/4,STD,50LB	1	719504
6	CVG719786	WASHER FLT STAINLESS .28X1.375X.06	2	719786
7	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	2	719876
8	CVG781621	WSHR, 5/16, L/W, SPLIT, 18-8, S/S	10	781621

NOTE: Items with * in tables indicates parts not shown in drawing

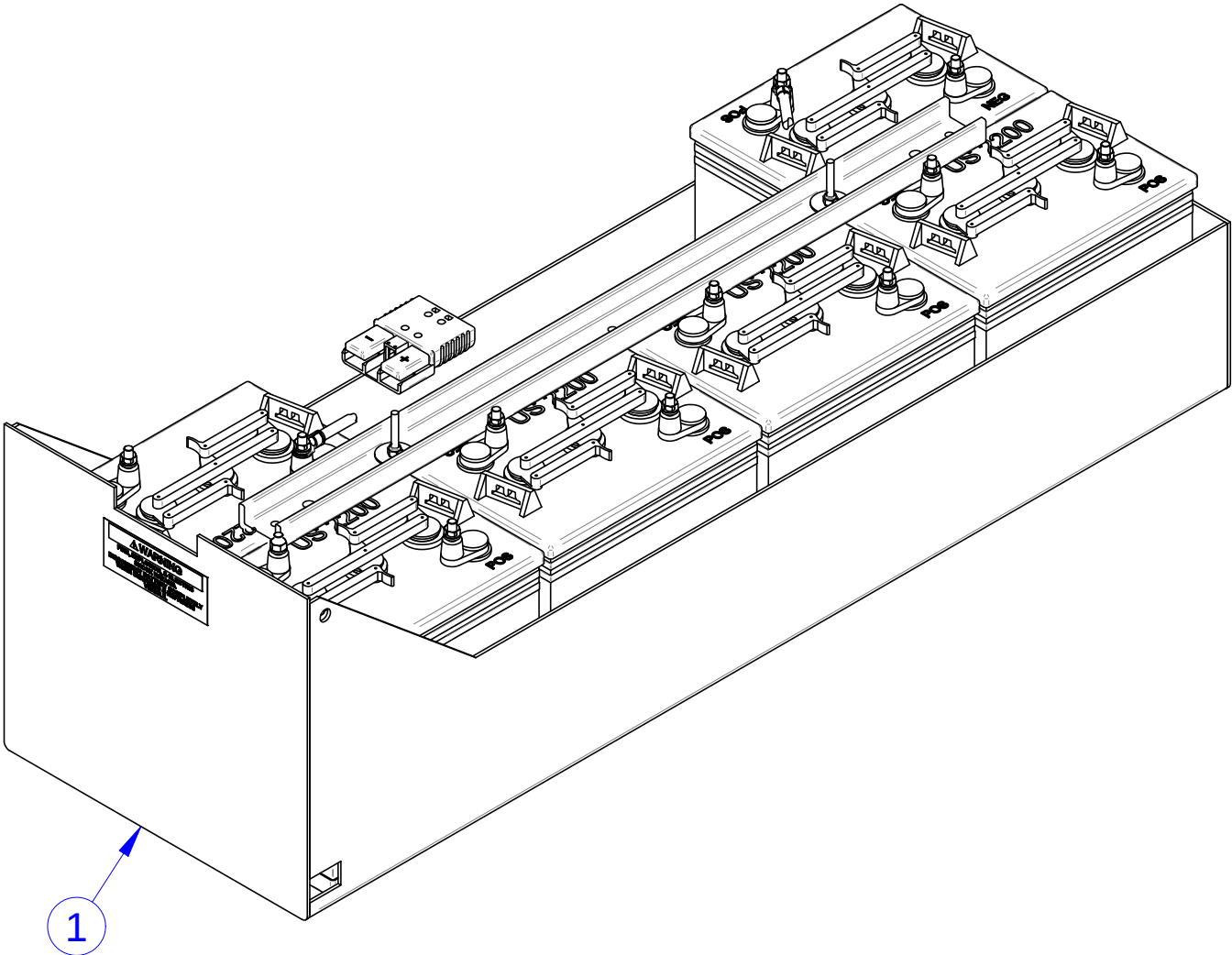
36V BATTERIES



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1*	CVG468229	LABEL, SMALL VIN	6	512059
2	CVG709000	BATTERY, 6V, T-105	6	709000
	CVG719229	BATTERY, 6V, DEEP CYCLE, (US-2200)	6	719229
	CVG719231	BATTERY, 6V, DEEP CYCLE, (US-145)	6	719231
	CVG760586	BATTERY, 6VDC, AGM, GC2, SEALED	6	760586
	CVG761158	BATTERY, 6V, 105 MIN, TROJAN, -T605	6	761158
	CVG761800	BATTERY, 6V, 240AH T125	6	761800
	CVG761801	BATTERY, 6V, 217AH, T105AGM	6	761801
3*	NONE	TAG, XP+, W/WIRE, #8, 13-PT, YELLOW	1	719236

NOTE: Items with * in tables indicates parts not shown in drawing

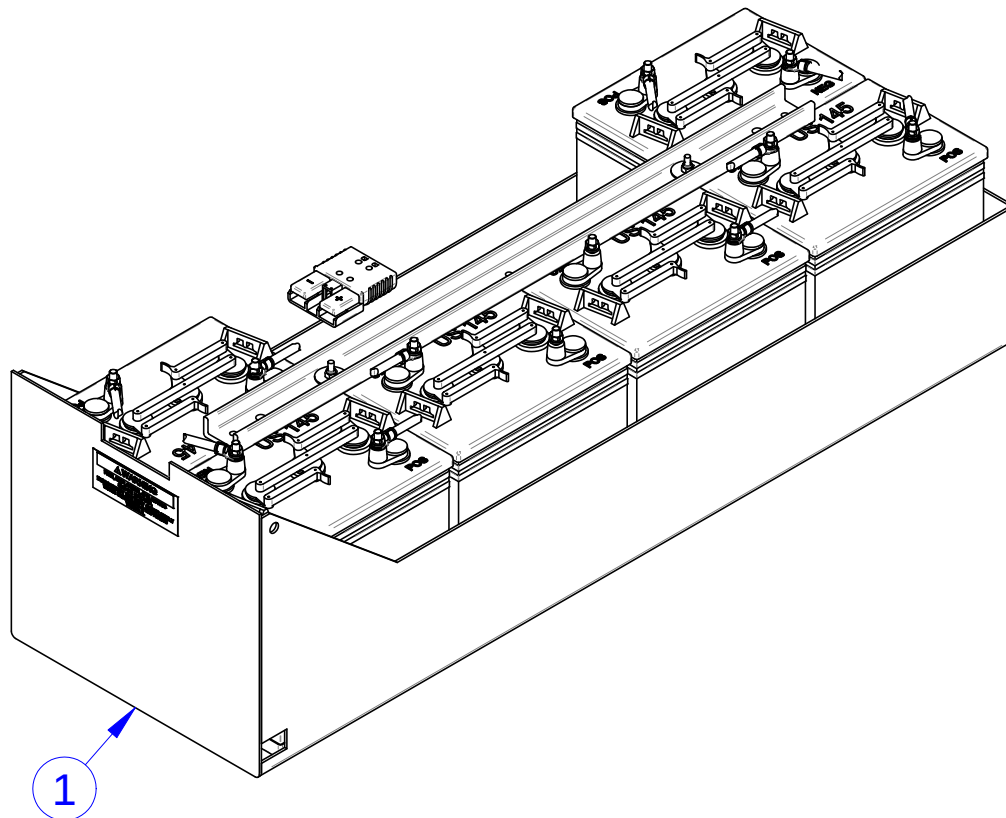
36V US2200 BATTERY BOX



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG467724	ASM, BC 36V US2200 BATT BOX	1	467724

NOTE: Items with * in tables indicates parts not shown in drawing

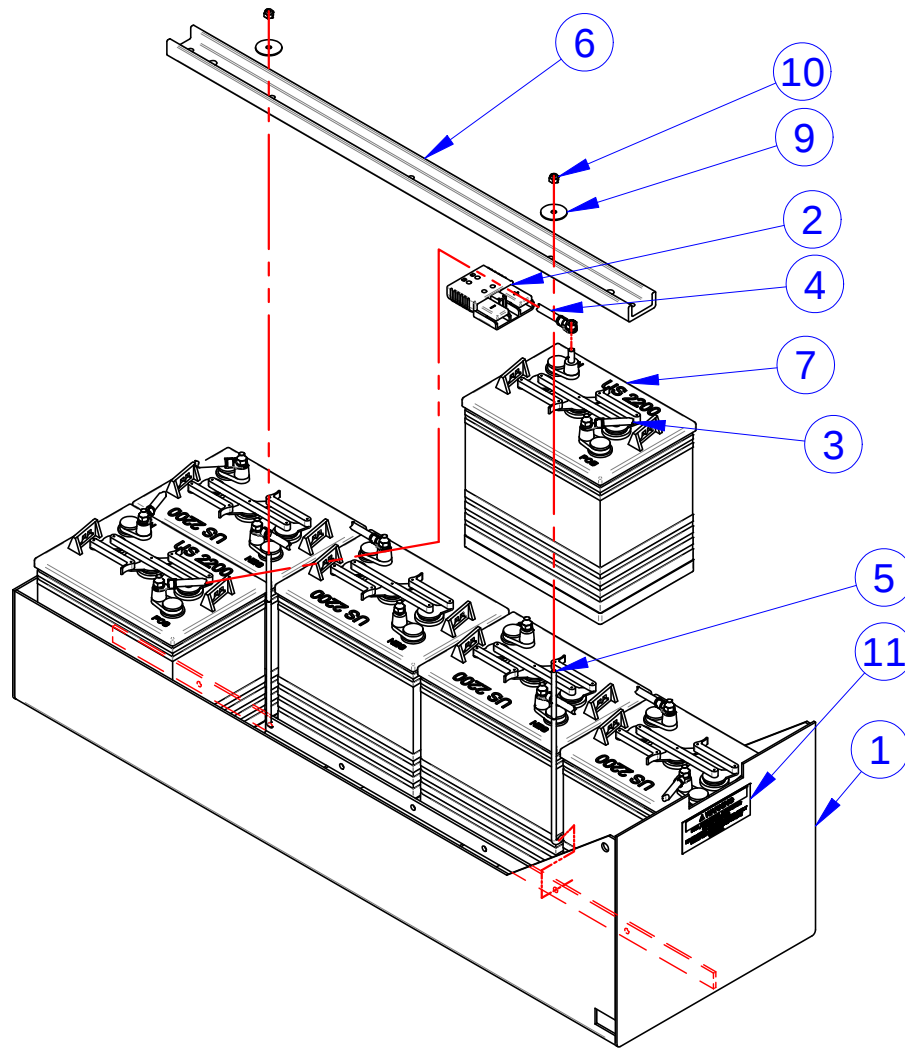
36V US145 BATTERY BOX



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG467725	ASM, BC 36V US2200 BATT BOX	1	467725

NOTE: Items with * in tables indicates parts not shown in drawing

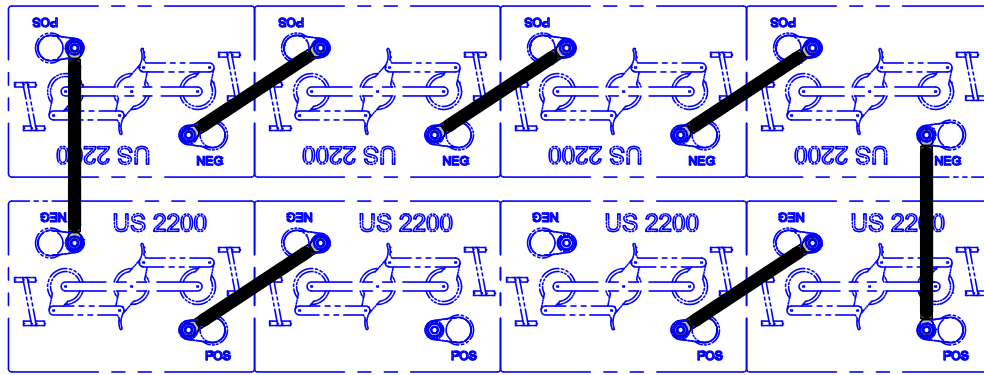
BATTERY TRAY, 36V



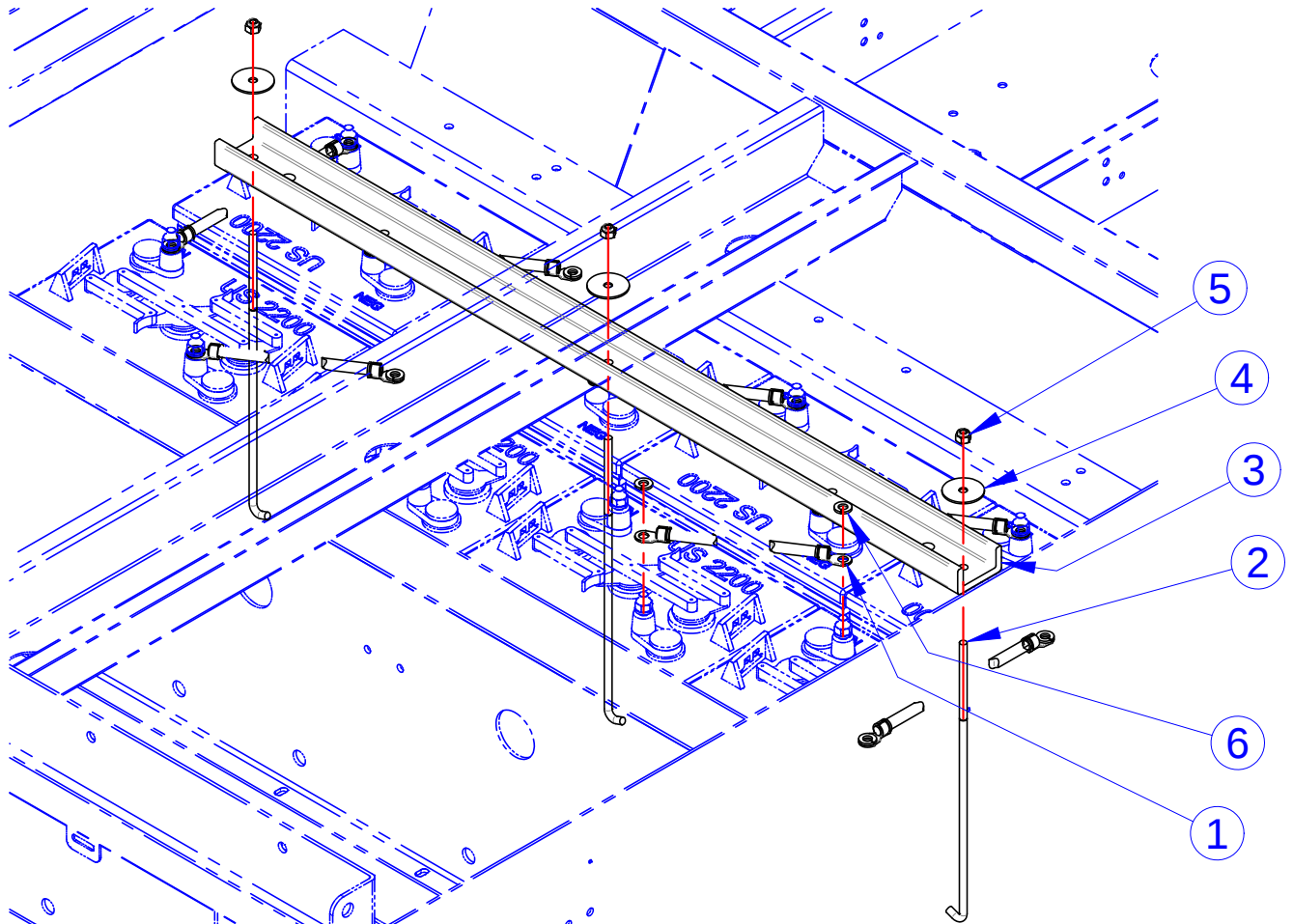
ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG310015	WLDMT, BATTERY BOX, ROLLOUT	1	310015
2	CVG467723	ASM, CONNECTOR, BC BATTERY	1	467723
3	CVG709004	CABLE, 4 GA X 8.75, 5/16 TERMINALS	4	709004
4	CVG709019	CABLE, 4GA X 37.00", 5/16" TERM	1	709019
5	CVG709059	ROD, BATTERY HOLD DOWN	2	709059
6	CVG709196	HOLD-DOWN, BATTERY	1	709196
7	CVG719229	BATTERY, 6V, DEEP CYCLE, (US-2200)	6	719229
8*	CVG719504	CABLE TIE,BLACK,.18X11-3/4,STD,50LB	1	719504
9	CVG719786	WASHER FLT STAINLESS .28X1.375X.06	2	719786
10	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	2	719876
11	CVG739546	DECAL BATTERY BOX WARNING	1	739546

NOTE: Items with * in tables indicates parts not shown in drawing

BATTERY HARDWARE 48V



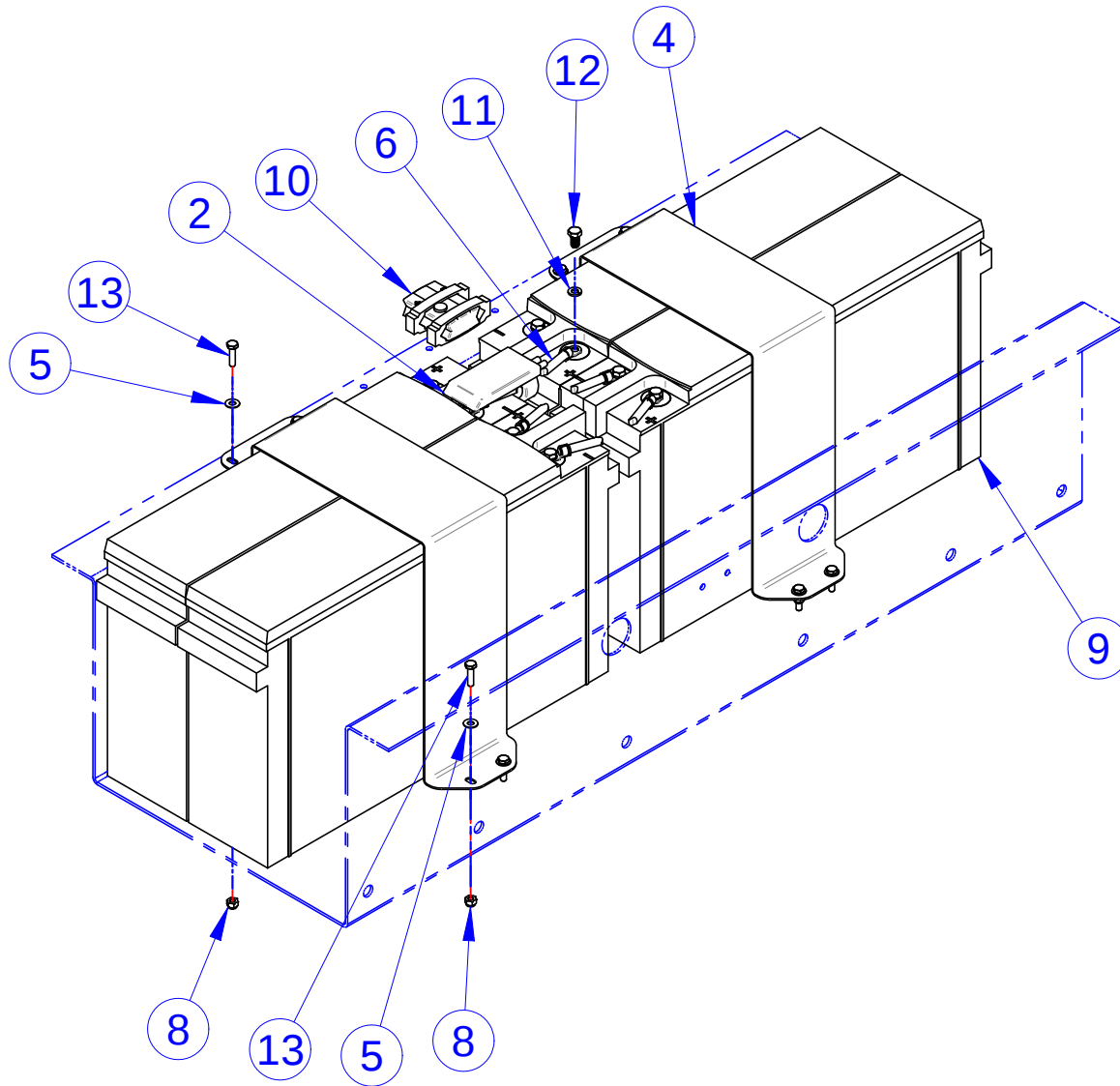
FRONT OF VEHICLE



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG709004	CABLE, 4 GA X 8.75, 5/16 TERMINALS	7	709004
2	CVG709059	ROD, BATTERY HOLD DOWN	3	709059
3	CVG709196	HOLD-DOWN, BATTERY	1	709196
4	CVG719786	WASHER FLT STAINLESS .28X1.375X.06	3	719786
5	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	3	719876
6	CVG781621	WSHR, 5/16, L/W, SPLIT, 18-8, S/S	14	781621

NOTE: Items with * in tables indicates parts not shown in drawing

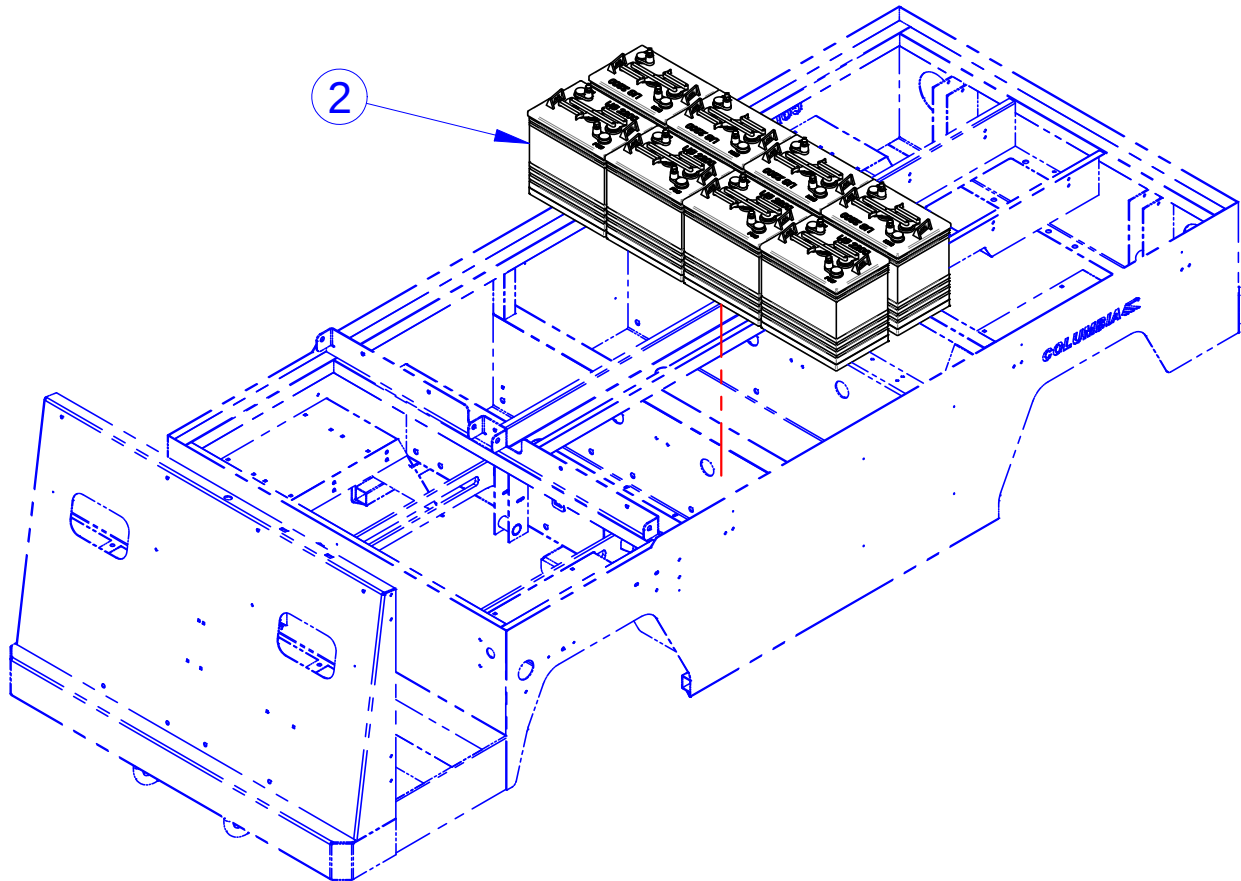
48V BATTERY 12NXS186



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1*	NONE	HARNESS, CHARGER INTERLOCK BYPASS	1	468060
2	CVG468249	ASM, WI-IQ BATTERY MONITORING	1	468249
3*	CVG512059	LABEL, SMALL VIN	4	512059
4	CVG517774	BRKT, BC 12NXS186 TRY	2	517774
5	CVG708511	WASHER, FLAT, 1/4", 18-8SS	8	708511
6	CVG709004	CABLE, 4 GA X 8.75, 5/16 TERMINALS	3	709004
7*	NONE	TAG, XP+,W/WIRE,#8,13-PT,YELLOW	1	719236
8	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	8	719876
9	CVG761715	BATTERY, NEXSYS, 12NXS186	4	761715
10	CVG761719	INDICATOR, POD OVER DISCHARGE	1	761719
11	CVG781621	WSHR, 5/16, L/W, SPLIT, 18-8, S/S	8	781621
12	CVG782727	SCR, M8-1.25 X 16 MM, HHCS, A2, S/S	8	782727
13	CVG782785	SCREW, 1/4-20X1.0, HHCS, 18-8SS	8	782785

NOTE: Items with * in tables indicates parts not shown in drawing

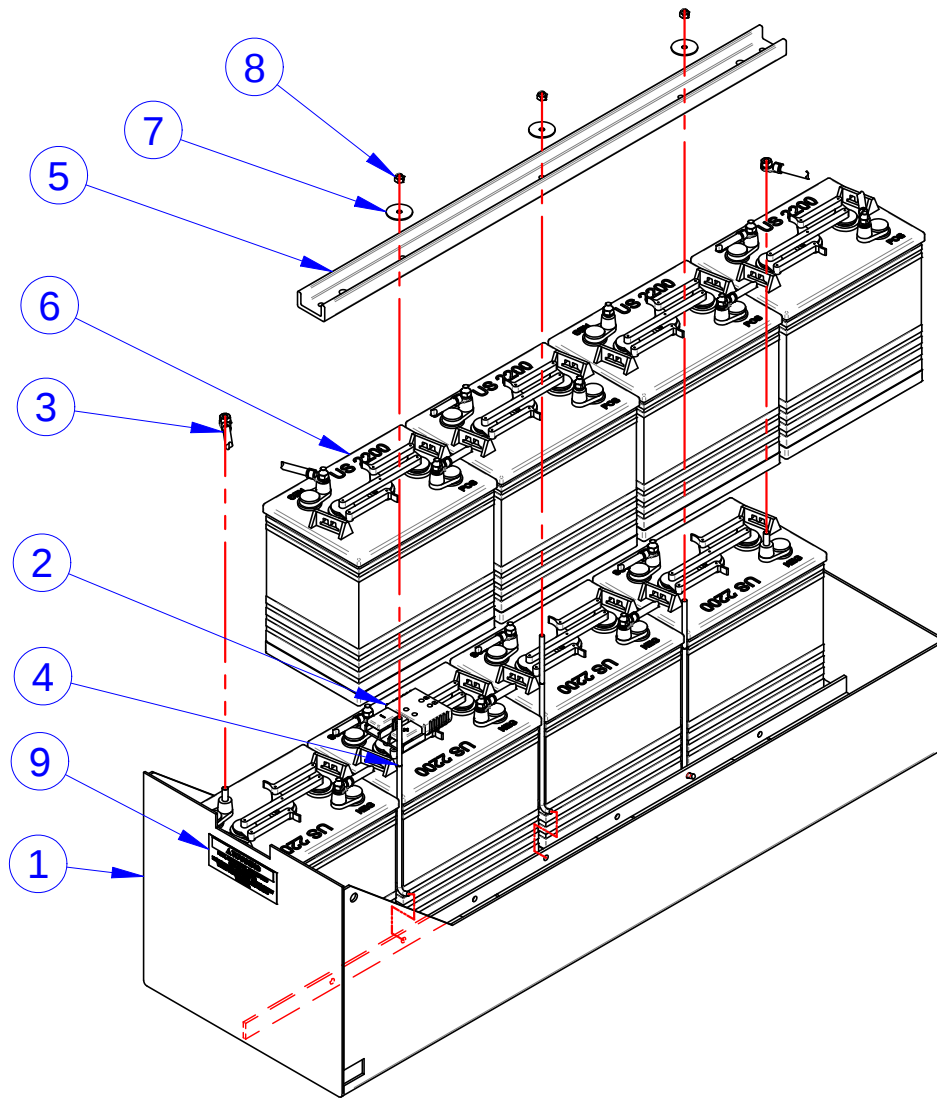
48V BATTERIES



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1*	CVG468229	LABEL, SMALL VIN	8	512059
2	CVG709000	BATTERY, 6V, T-105	8	709000
	CVG719229	BATTERY, 6V, DEEP CYCLE, (US-2200)	8	719229
	CVG719231	BATTERY, 6V, DEEP CYCLE, (US-145)	8	719231
	CVG760586	BATTERY, 6VDC, AGM, GC2, SEALED	8	760586
	NONE	BATTERY, 6V, 240AH T125	8	761800
	NONE	BATTERY, 6V, 217AH, T105AGM	8	761801
3*	NONE	TAG, XP+, W/WIRE, #8, 13-PT, YELLOW	1	719236

NOTE: Items with * in tables indicates parts not shown in drawing

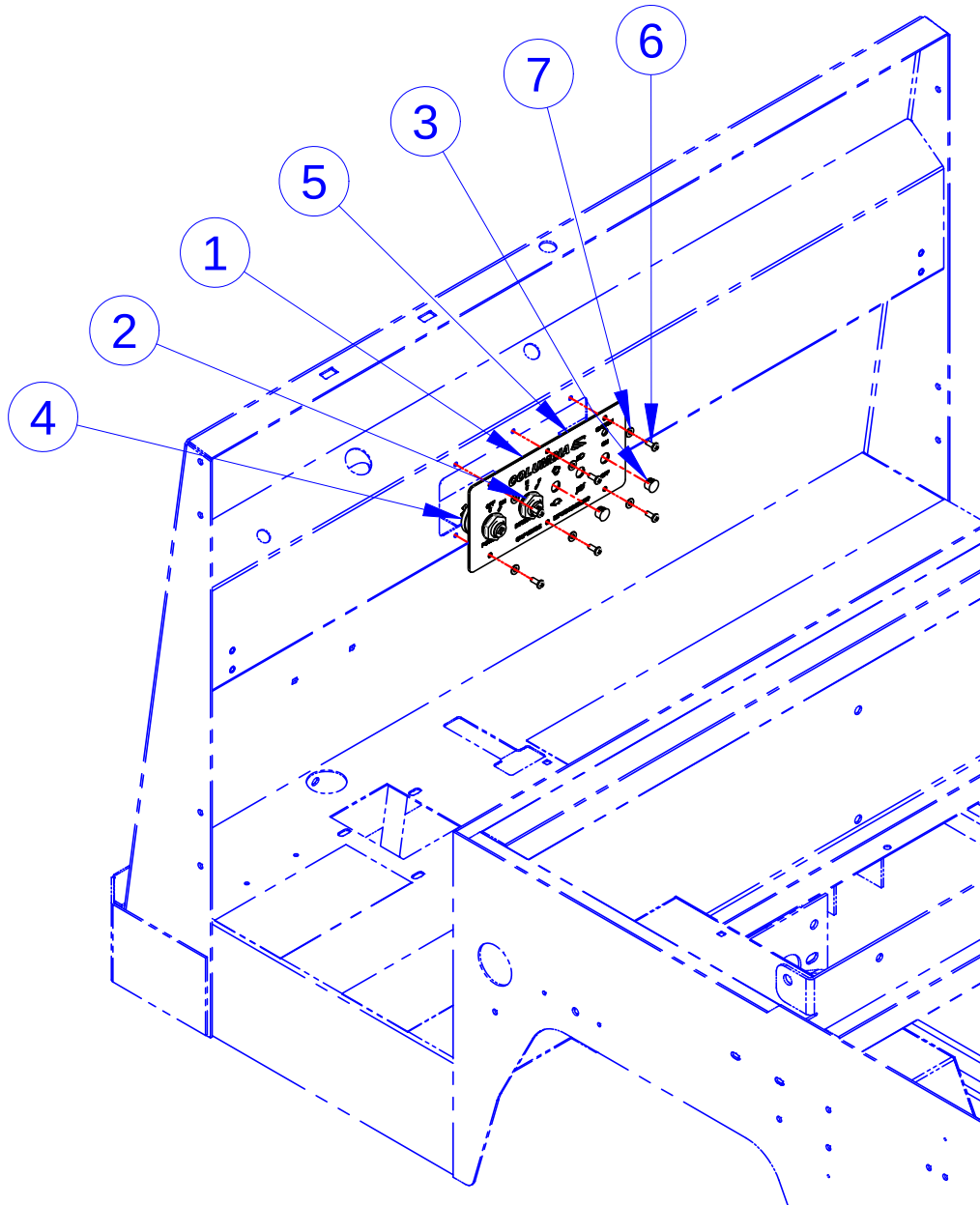
BATTERY TRAY, 48V



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG310015	WLDMT, BATTERY BOX, ROLLOUT	1	310015
2	CVG467723	ASM, CONNECTOR, BC BATTERY	1	467723
3	CVG709004	CABLE, 4 GA X 8.75, 5/16 TERMINALS	7	709004
4	CVG709059	ROD, BATTERY HOLD DOWN	3	709059
5	CVG709196	HOLD-DOWN, BATTERY	1	709196
6	CVG719229	BATTERY, 6V, DEEP CYCLE, (US-2200)	8	719229
7	CVG719786	WASHER FLT STAINLESS .28X1.375X.06	3	719786
8	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	3	719876
9	CVG739546	DECAL BATTERY BOX WARNING	1	739546

NOTE: Items with * in tables indicates parts not shown in drawing

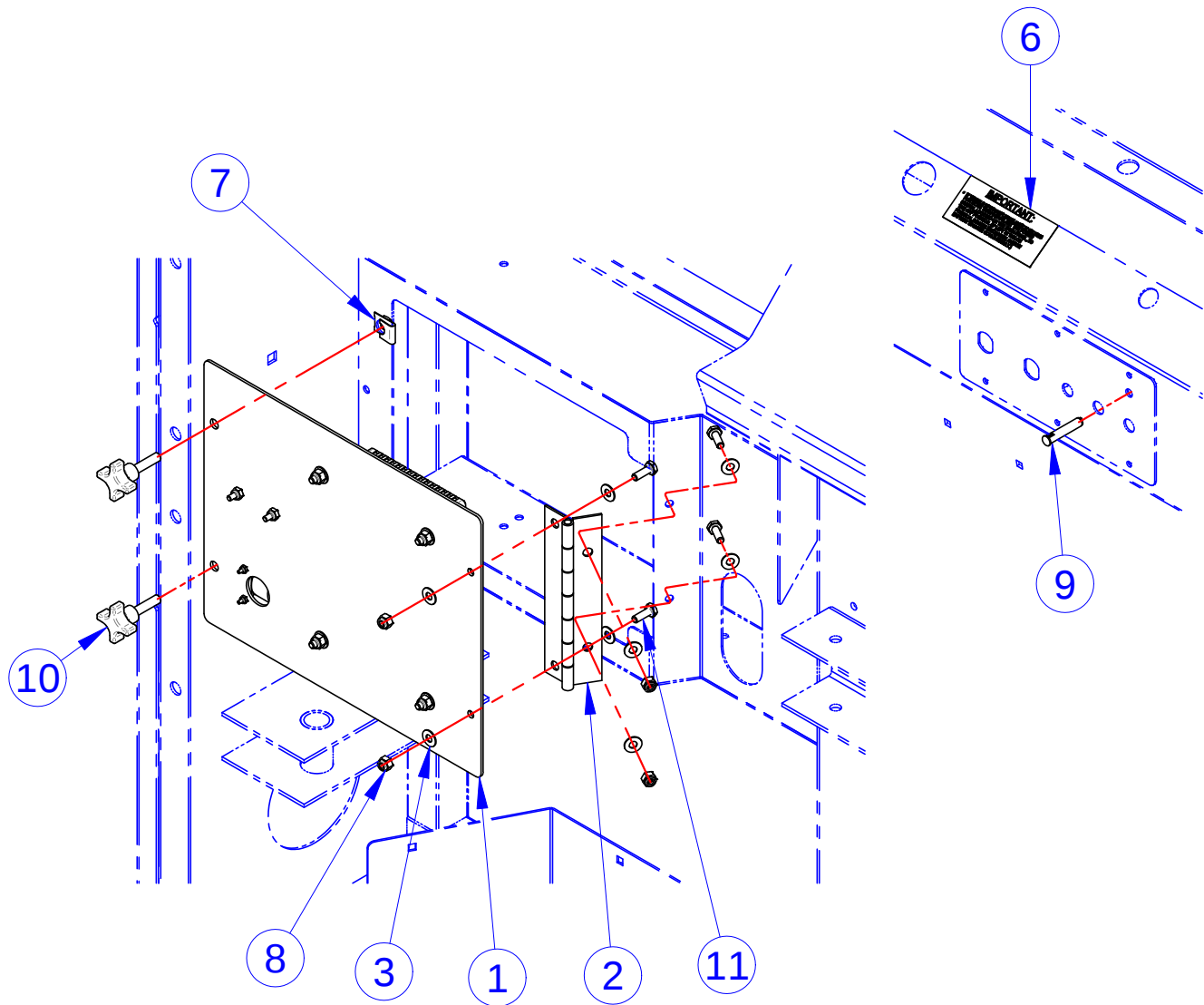
POWER SWITCH A



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG514498	PANEL, DASH, BC, LED SYS LGHT	1	514498
2	CVG709040	KEYSWITCH, UNIVERSAL "A" W/HRDWR	1	709040
3	CVG719798	PLUG 1/2 HOLE BLACK HEYCO #2643	2	719798
4	CVG759706	KEYSWITCH, PWR, 2-POS, "A" W/HRDWR	1	759706
	CVG759722	KEYSWITCH,PWR, 2-POS,"B" KEY,W/HWD	1	759722
	CVG759723	KEYSWITCH,PWR, 2-POS,"C" KEY,W/HWD	1	759723
	CVG759724	KEYSWITCH,PWR, 2-POS,"D" KEY,W/HWD	1	759724
	CVG759721	KEYSWITCH,PWR, 2-POS,"E" KEY,W/HWD	1	759721
5	CVG760768	OVERLAY, DASHBOARD, BC, SEP EX, LED	1	760768
6	CVG761632	SCREW, #10-24X1/2" PPH GRD 18-8 SS	6	761632
7	CVG782722	WSHR, #10 X 0.438 X 0.031, F/W, 18-8SS	6	782722

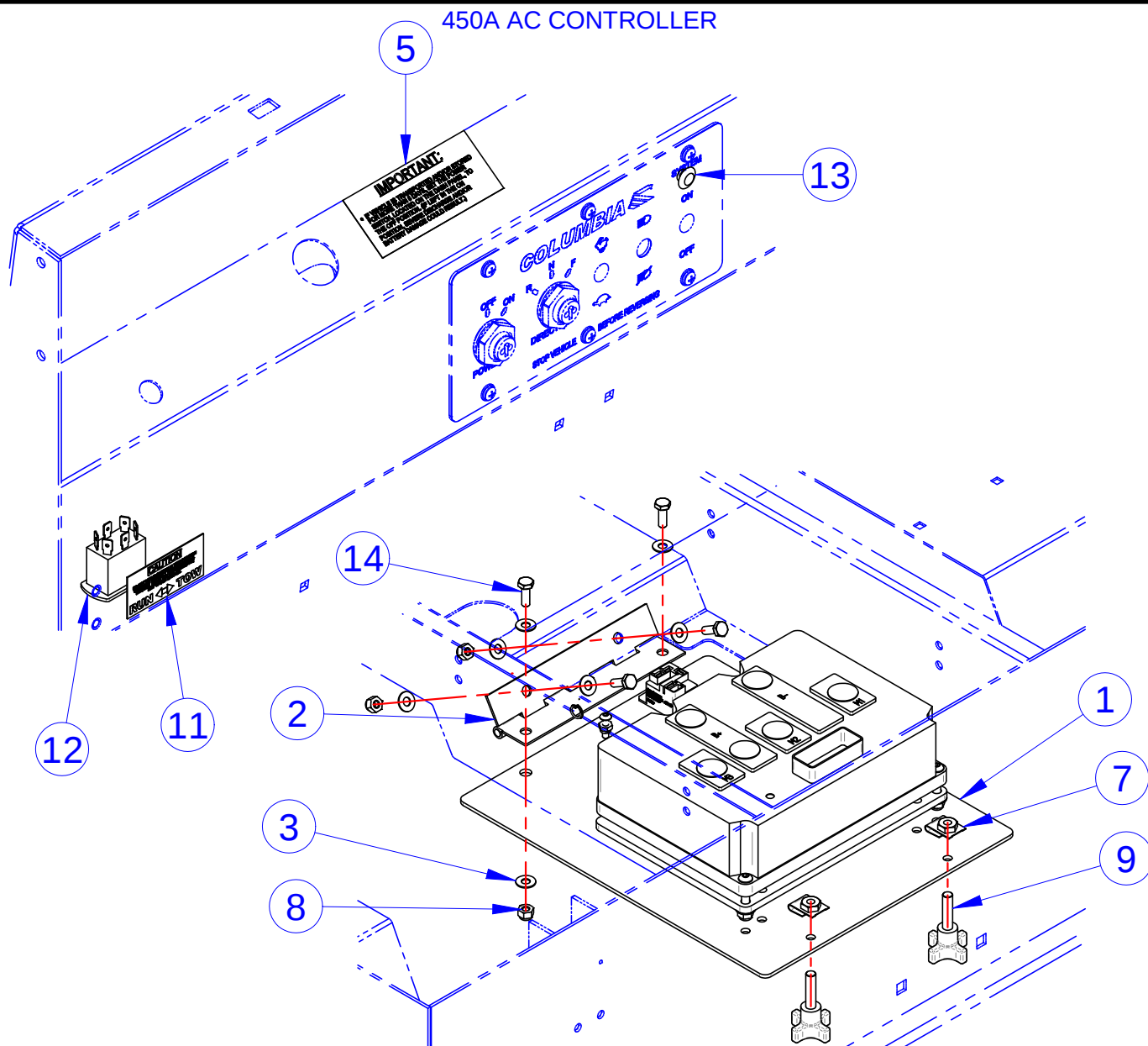
NOTE: Items with * in tables indicates parts not shown in drawing

POWER SYSTEM, ACE+



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG467858	ASSY, DC CNTRL, CHAN MT, PL	1	467858
2	CVG516899	HINGE, SEAT	1	516899
3	CVG708511	WASHER, FLAT, 1/4", 18-8SS	8	708511
4*	CVG709754	LABEL SET, BURDEN CARRIER	1	709754
5*	CVG719355	MOLDING, BLACK	2	719355
6	CVG719426	DECAL, SWITCH SET POSITION	1	719426
7	CVG719537	NUT, TINNERMAN C33953-5618-4 ZINC	2	719537
8	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	4	719876
9	CVG759932	INDICATOR, LED, SERIES 22	1	759932
10	CVG760023	KNOB - 5/16-18 X1 1/2 LG	2	760023
11	CVG782784	SCREW, 1/4-20X3/4, HHCS, 18-8SS	4	782784

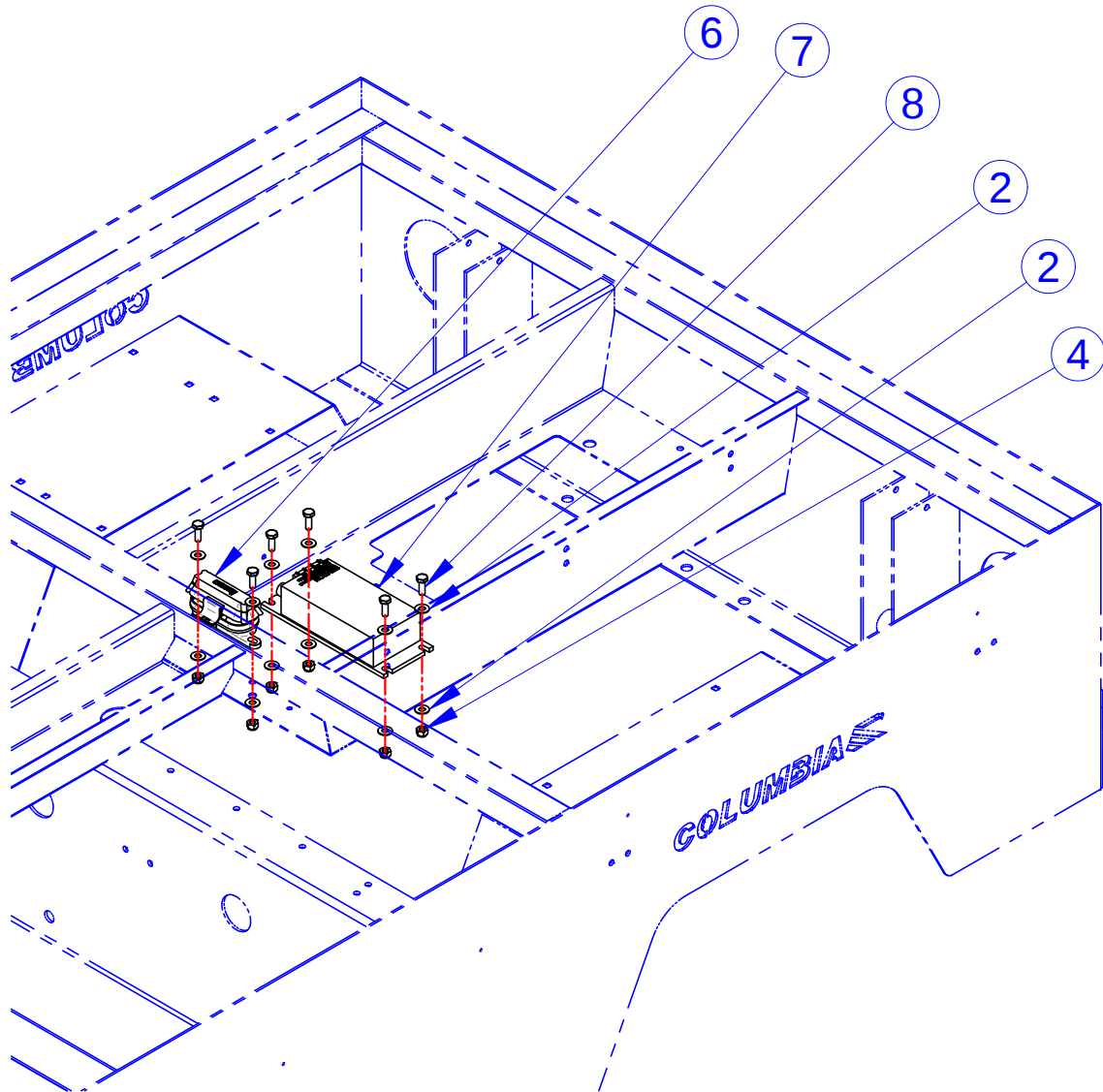
NOTE: Items with * in tables indicates parts not shown in drawing



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG486103	ASM 450A CNTRL PANEL, BC, 2017	1	468103
	CVG468332	ASSY, 450A AC CONTROLLER, PL-SUP	1	468332
2	CVG516899	HINGE, SEAT	1	516899
3	CVG708511	WASHER, FLAT, 1/4", 18-8SS	8	708511
4*	CVG709754	LABEL SET, BURDEN CARRIER	1	709754
5	CVG719426	DECAL, SWITCH SET POSITION	1	719426
6*	CVG719504	CABLE TIE,BLACK,.18X11-3/4,STD,50LB	2	719504
7	CVG719537	NUT, TINNERMAN C33953-5618-4 ZINC	2	719537
8	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	4	719876
9	CVG760023	KNOB - 5/16-18 X1 1/2 LG	2	760023
10*	CVG760121	CABLE TIE, 0.30 X 8, 120 LB	1	760121
11	CVG761695	LABEL, RUN/TOW, BC	1	761695
12	CVG761702	SWITCH, BRK BYPASS, SEALED	1	761702
13	CVG781642	PIP PLUG, SAE 3/8"	1	781642
14	CVG782784	SCREW,1/4-20X3/4,HHCS,18-8SS	4	782784

NOTE: Items with * in tables indicates parts not shown in drawing

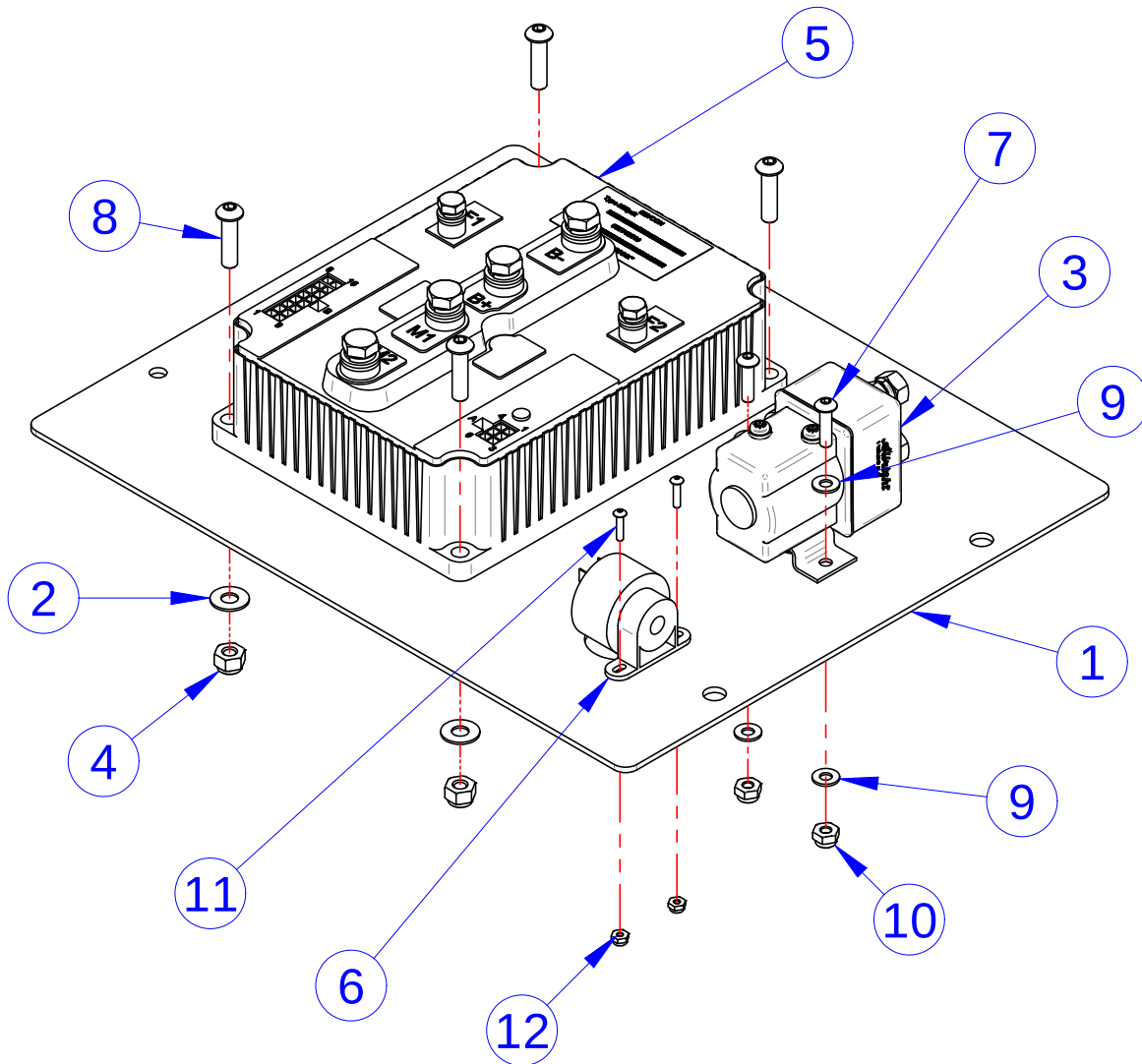
DC/DC CONVERTER



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-8	CVG191727U	P&A KIT, BC DC/DC CONVERTER	KIT	191727
1*	CVG467618	HARNESS, DC/DC EXTENSION, PL	1	467618
2	CVG708511	WASHER, FLAT, 1/4", 18-8SS	12	708511
3*	CVG719504	CABLE TIE,BLACK,.18X11-3/4,STD,50LB	8	719504
4	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	6	719876
5*	CVG759778	WIRE HARNESS, DC CONVERTER, SMT	1	759778
6	CVG759792	BLOCK, POWER DISTRIBUTION	1	759792
7	CVG760378	DC/DC CONVERTER - 12V OUT/INP 36/48V	1	760378
8	CVG782784	SCREW,1/4-20X3/4,HHCS,18-8SS	6	782784

NOTE: Items with * in tables indicates parts not shown in drawing

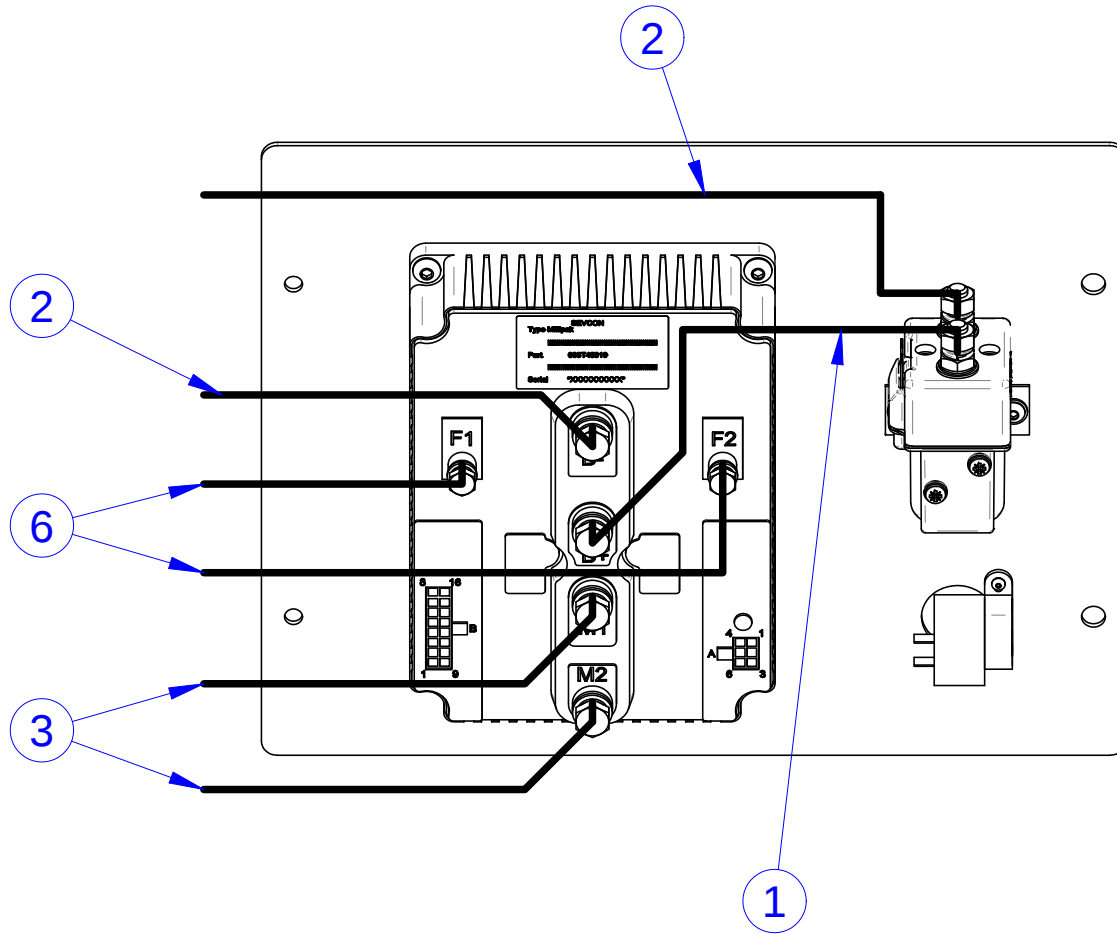
DC CONTROL CHANNEL MOUNT (HARDWARE)



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-12	CVG467858	P&A, ASM, ACEPLUS PNL, CHNL MNT, PL	KIT	467858
1	CVG514351	PANEL, BC SEVCON DC	1	514351
2	CVG708511	WASHER, FLAT, 1/4", 18-8SS	4	708511
3	CVG709166	CONTACTOR W. MTG BRKT - 24 V COIL	1	709166
4	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	4	719876
5	NONE	CNTRL, SEVCON REGEN, B, HP, 24-48V	1	760576
6	CVG761678	BUZZER, REVERSE	1	761678
7	CVG782708	SCR, #10-32 X 0.75, BSHCS, 18-8, S/S	2	782708
8	CVG782719	SCR, 1/4-20 X 1, BSHCS, 18-8, S/S	4	782719
9	CVG782722	WSHR, #10 X 0.438 X 0.031, F/W, 18-8SS	4	782722
10	CVG782723	NUT, #10-32, L/N, NYL, NM, 18-8, S/S	2	782723
11	CVG782883	SCR, #4-40 X 0.5, BSHCS, 18-8, S/S	2	782883
12	CVG782884	NUT, #4-40, L/N, NYL, NM, 18-8, S/S	2	782884

NOTE: Items with * in tables indicates parts not shown in drawing

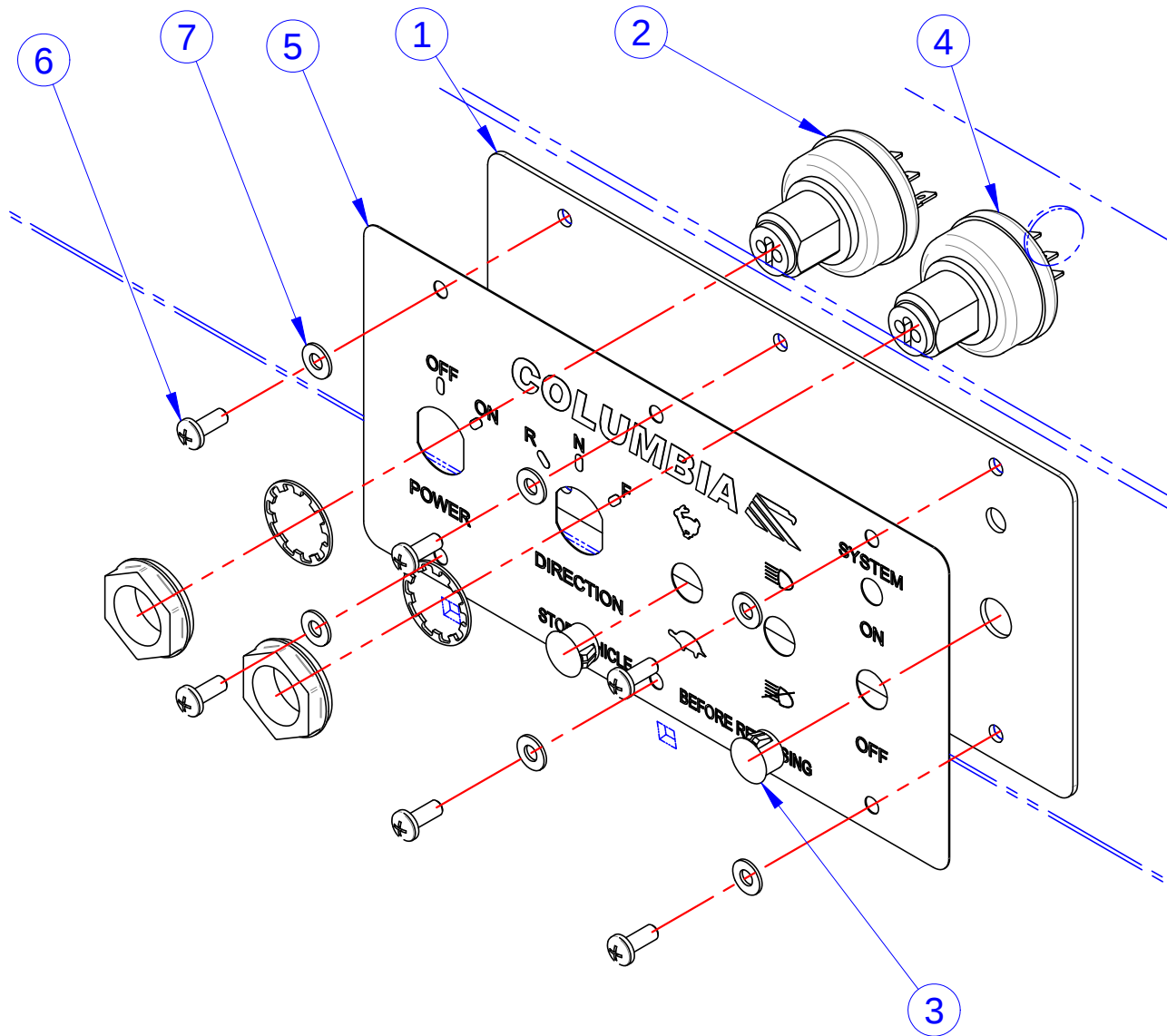
DC CONTROL CHANNEL MOUNT (CABLES)



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-6	CVG467858	P&A, ASM, ACEPLUS PNL, CHNL MNT, PL	KIT	467858
1	CVG709033	CABLE, 6GA X 14.00", 5/16" TERM	1	709033
2	CVG709411	CABLE, 4GA X 61.50, 5/16 TERMINALS	2	709411
3	CVG709732	CABLE, 4 GA X 25.5, 5/16 TERMINALS	2	709732
4*	CVG719504	CABLE TIE,BLACK,.18X11-3/4,STD,50LB	2	719504
5	CVG760222	CABLE ASSY,10GAX28.0,1/4" TERMS	2	760222
6*	CVG760637	WIRE HARNESS,MAIN,BC,SEM,PWR W/IMP	1	760637

NOTE: Items with * in tables indicates parts not shown in drawing

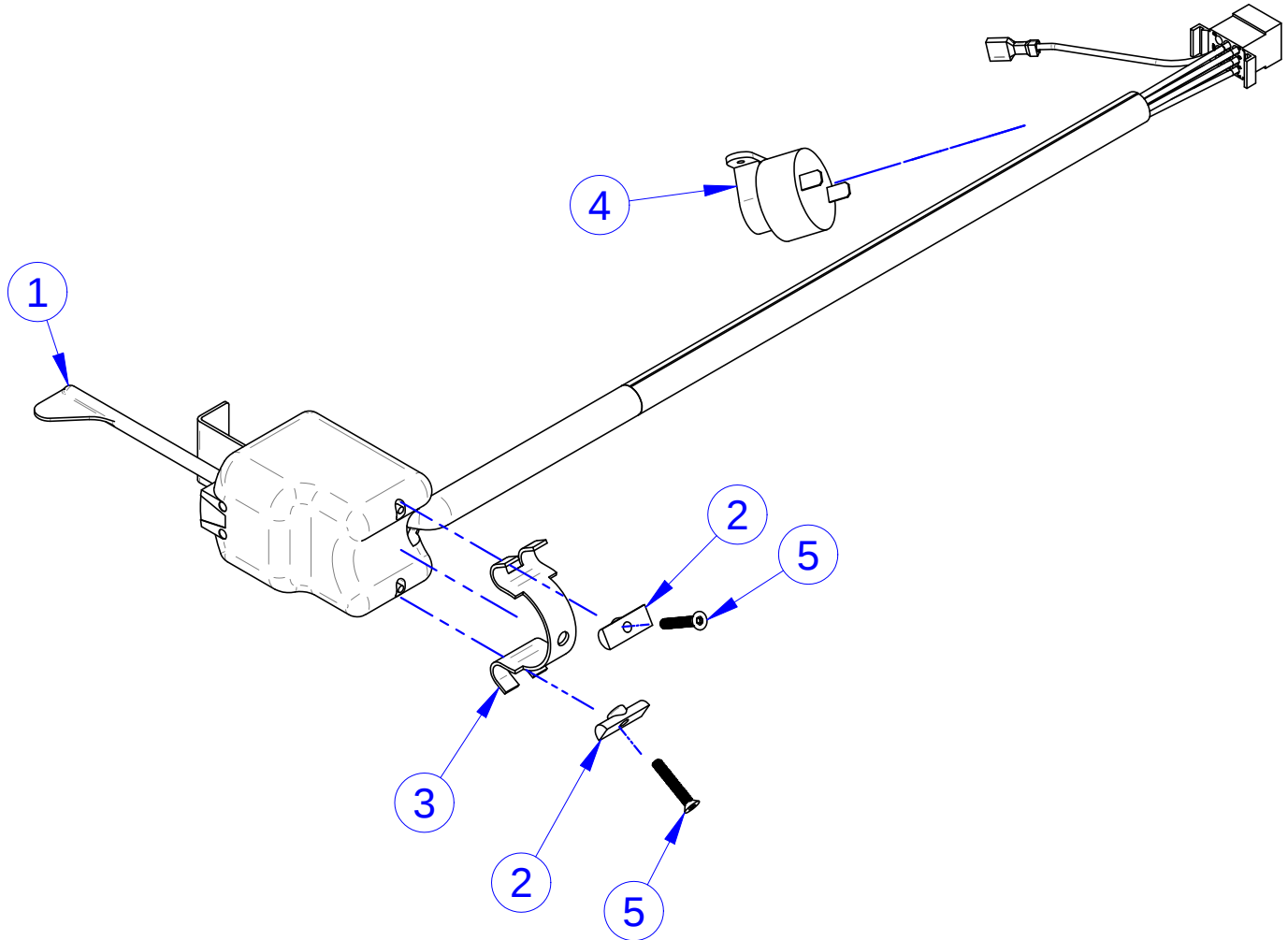
POWER SWITCH



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG514498	PANEL, DASH, BC, LED SYS LGHT	1	514498
2	CVG709040	KEYSWITCH, UNIVERSAL "A" W/HRDWR	1	709040
3	CVG719798	PLUG 1/2 HOLE BLACK HEYCO #2643	1	719798
4	CVG759722	KEYSWITCH, PWR, 2-POS, "A" W/HRDWR	1	759722
5	CVG760768	OVERLAY, DASHBOARD, BC, SEP EX, LED	1	760768
6	CVG761632	SCREW, #10-24X1/2" PPH GRD 18-8 SS	1	761632
7	CVG782722	WSHR, #10 X 0.438 X 0.031, F/W, 18-8SS	1	782722

NOTE: Items with * in tables indicates parts not shown in drawing

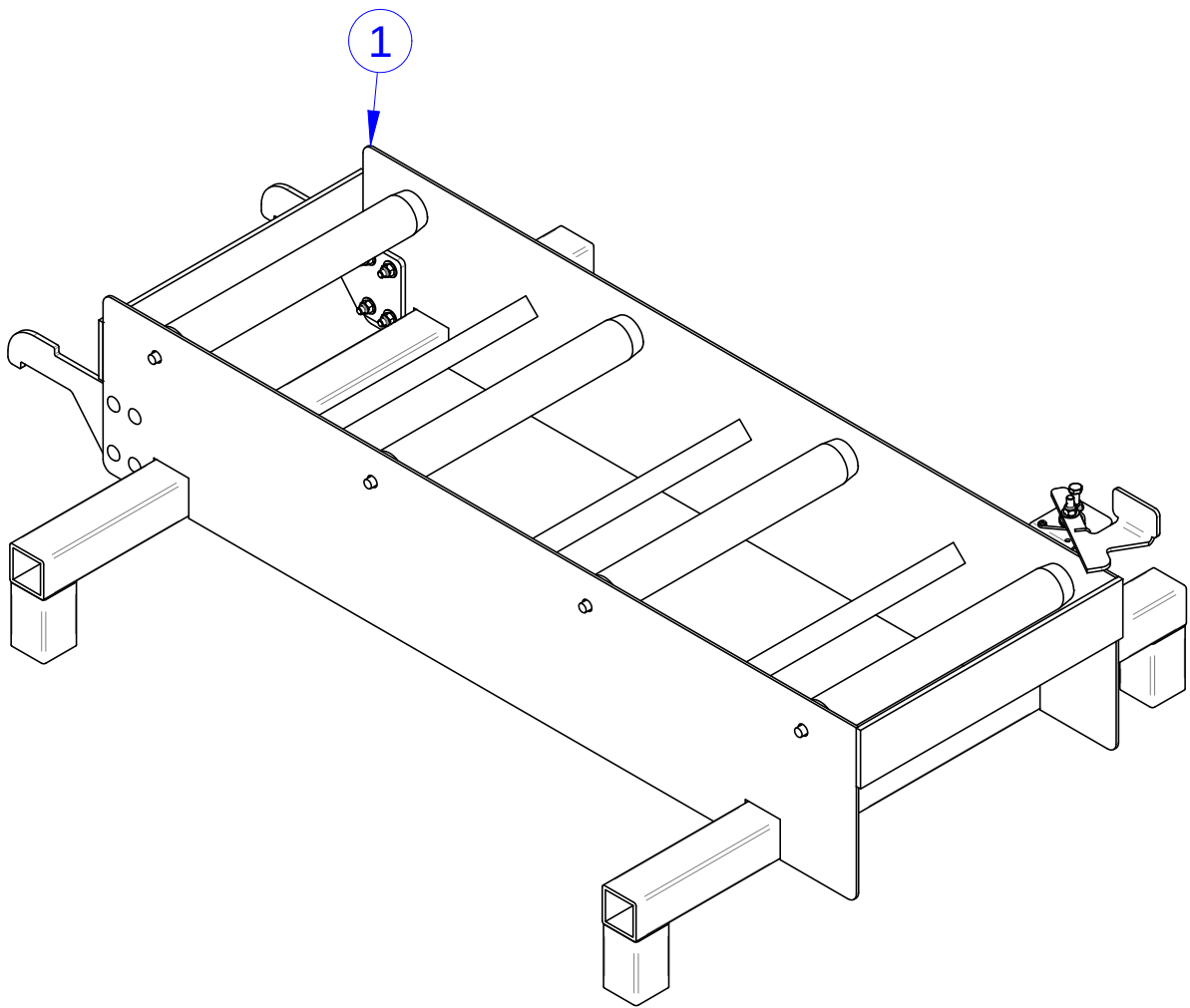
TURN SWITCH WITH BRACKET NO GROMMET



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-5	CVG467591	P&A,ASM, TURN SWITCH W/BRKT NO GRMT	KIT	467591
1	CVG467279	ASSY, TURN SWITCH, NO GROMMET	1	467279
2	CVG467385	PAINTED ROCKER, TURN SWITCH BRACKET	2	467385
3	CVG513705	CVG TURN SWITCH BRACKET	1	513705
4	CVG761720	BUZZER, REVERSE, CONT	1	761720
5	CVG783106	SCR, #8-32 X 1, 6FMS, 18-8, SS	2	783106

NOTE: Items with * in tables indicates parts not shown in drawing

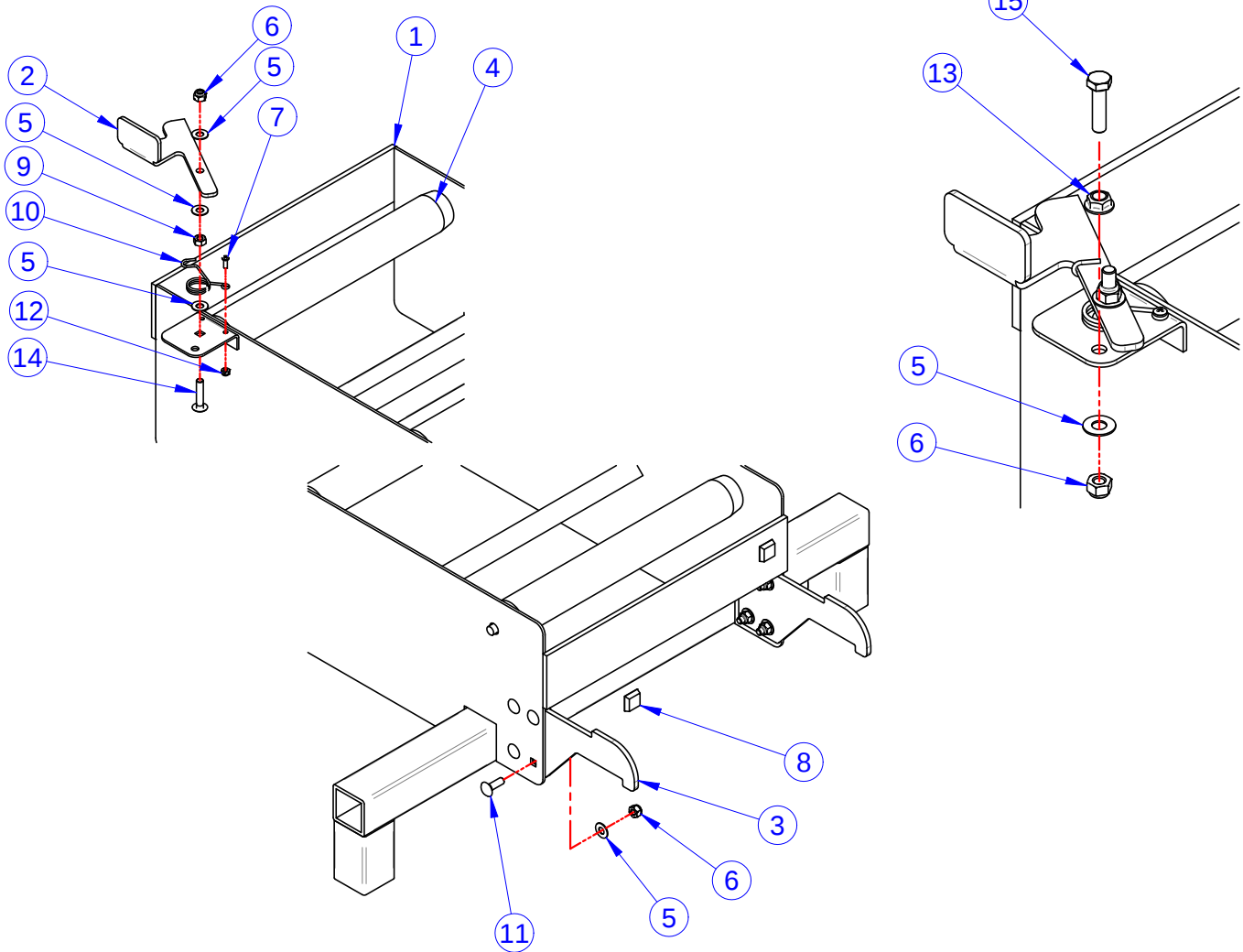
BOXED BATTERY TRANSFER STAND



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG467728	ASSY, TRANSFER STAND, PL	1	467728

NOTE: Items with * in tables indicates parts not shown in drawing

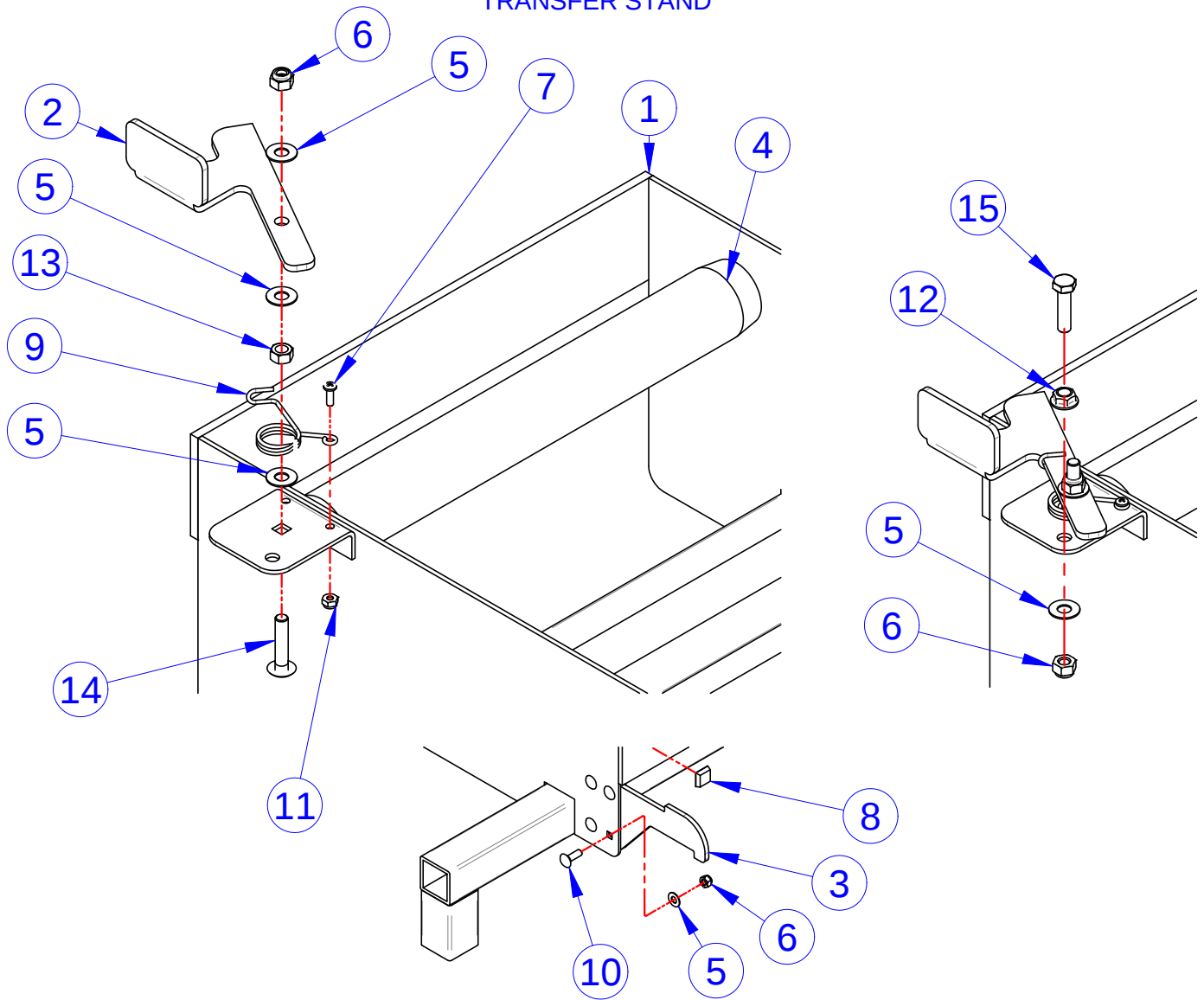
TRANSFER STAND



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	NONE	TRANSFER STAND, BATTERY - BC	1	310248
2	NONE	LATCH, SAFETY, X-FER STAND	1	513397
3	NONE	CATCH, BC X-FER STAND	2	513683
4	CVG719156	ROLLER, GRAVITY - 15.25"	4	719156
5	CVG719375	WSHR,5/16X0.750X0.040,F/W,18-8S/S	12	719375
6	CVG719377	NUT, 5/16-18, L/N, NYL, NE, 18-8SS	10	719377
7	CVG719571	SCREW,#8-32X1/2,PPH,M/S,18-8,S/S	1	719571
8	CVG719738	BUMPER BLACK 3M#SJ5023	2	719738
9	CVG719896	NUT,5/16-18,HEX,FULL-FINISH,G2,BLK MAX	1	719896
10	CVG729083	SPRING ROTARY SWITCH	1	729083
11	CVG761292	SCR,5/16-18X1.0,CARR,18-8S/S	8	761292
12	CVG761630	NUT, #8-32, NILN, 18-8, SS	1	761630
13	CVG781694	NUT, 5/16-18 HEX, FLANGE, SERR, S/S	1	781694
14	CVG781787	SCREW,5/16-18X1-1/2,CARR,18-8 SS	1	781787
15	CVG782841	SCREW,5/16-18X1-1/4,HHCS, 18-8SS	1	782841

NOTE: Items with * in tables indicates parts not shown in drawing

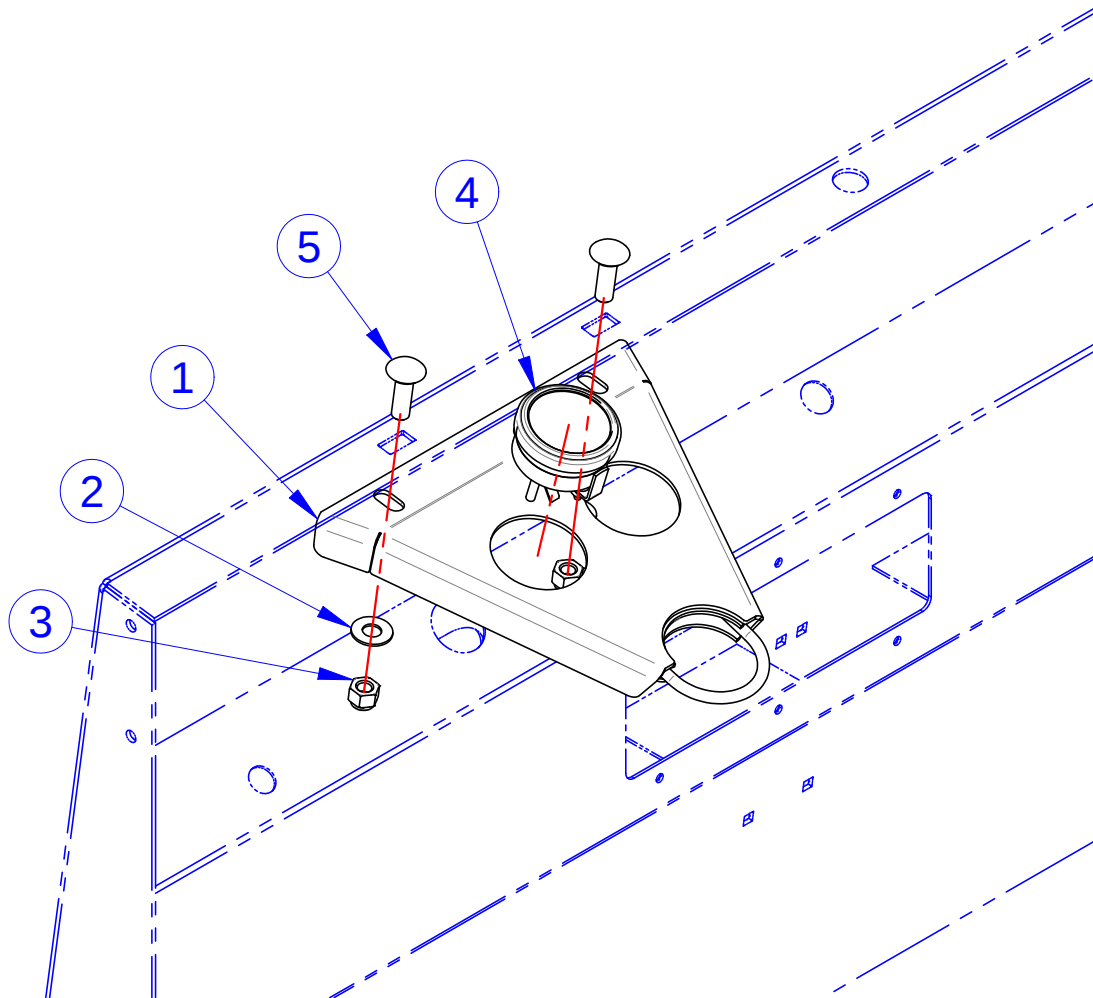
TRANSFER STAND



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-15	CVG467728	P&A, ASM, TRANSFER STAND, PL	KIT	467728
1	NONE	TRANSFER STAND, BATTERY - BC	1	310248
2	NONE	LATCH, SAFETY, X-FER STAND	1	513397
3	NONE	CATCH, BC X-FER STAND	2	513683
4	CVG719156	ROLLER, GRAVITY - 15.25"	4	719156
5	CVG719375	WSHR,5/16X0.750X0.040,F/W,18-8S/S	12	719375
6	CVG719377	NUT, 5/16-18, L/N, NYL, NE, 18-8SS	10	719377
7	CVG719571	SCREW,#8-32X1/2,PPH,M/S,18-8,S/S	1	719571
8	CVG719738	BUMPER BLACK 3M#SJ5023	2	719738
9	CVG729083	SPRING ROTARY SWITCH	1	729083
10	CVG761292	SCR,5/16-18X1.0,CARR,18-8S/S	8	761292
11	CVG761630	NUT, #8-32, NILN, 18-8, SS	1	761630
12	CVG781694	NUT, 5/16-18 HEX, FLANGE, SERR, S/S	1	781694
13	CVG781785	NUT,5/16-18,FHEX,18-8 SS	1	781785
14	CVG781787	SCREW,5/16-18X1-1/2,CARR,18-8 SS	1	781787
15	CVG782841	SCREW,5/16-18X1-1/4,HHCS, 18-8SS	1	782841

NOTE: Items with * in tables indicates parts not shown in drawing

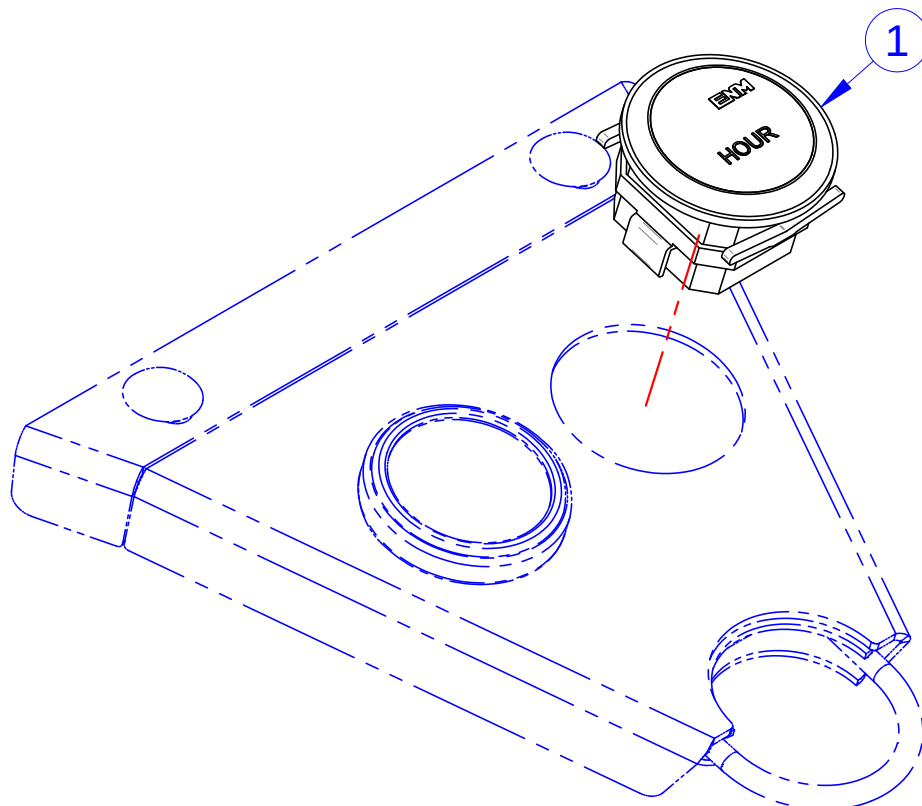
BDI METER



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG306117TB	WLDMT, UPR STRG CLMN SPRT	1	306117
2	CVG708859	WASHER, 3/8, STD, FW, 18-8SS	2	708859
3	CVG708860	NUT, 3/8-16, L/N, NYL, NE, 18-8, S/S	2	708860
4	CVG759842	BDI, 48V - VOLTMETER STYLE	1	759842
	CVG759874	GROUP, BDI METER, 36V, PL	1	759874
5	CVG782724	SCR, 3/8-16 X 1.25, CARR, 18-8, S/S	2	782724

NOTE: Items with * in tables indicates parts not shown in drawing

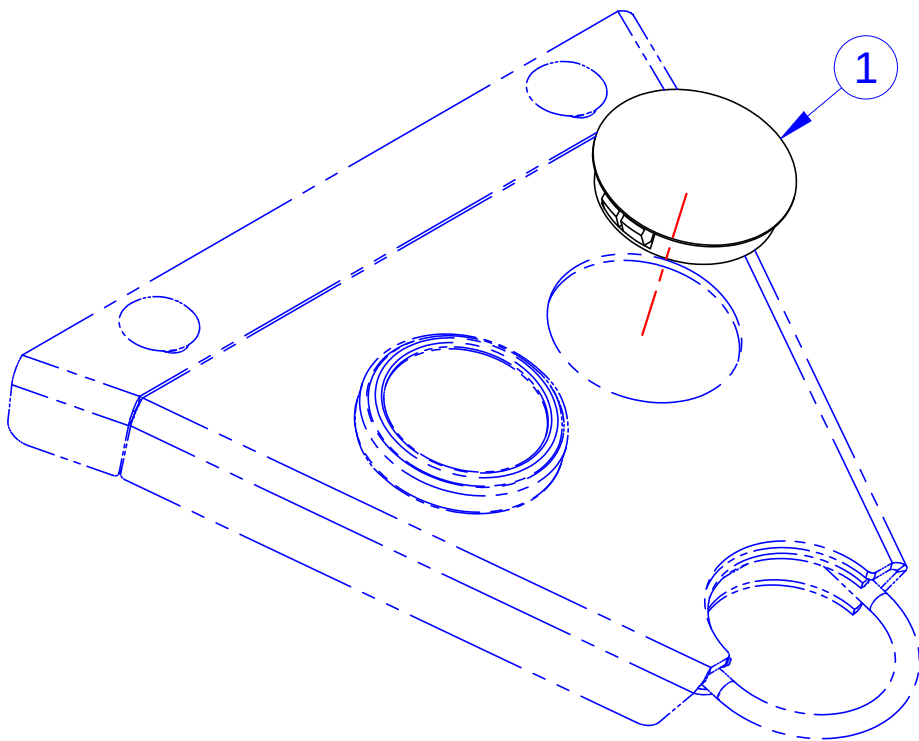
HOUR METER



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG709452	HOUR METER 10-80 VOLT DC	1	709452

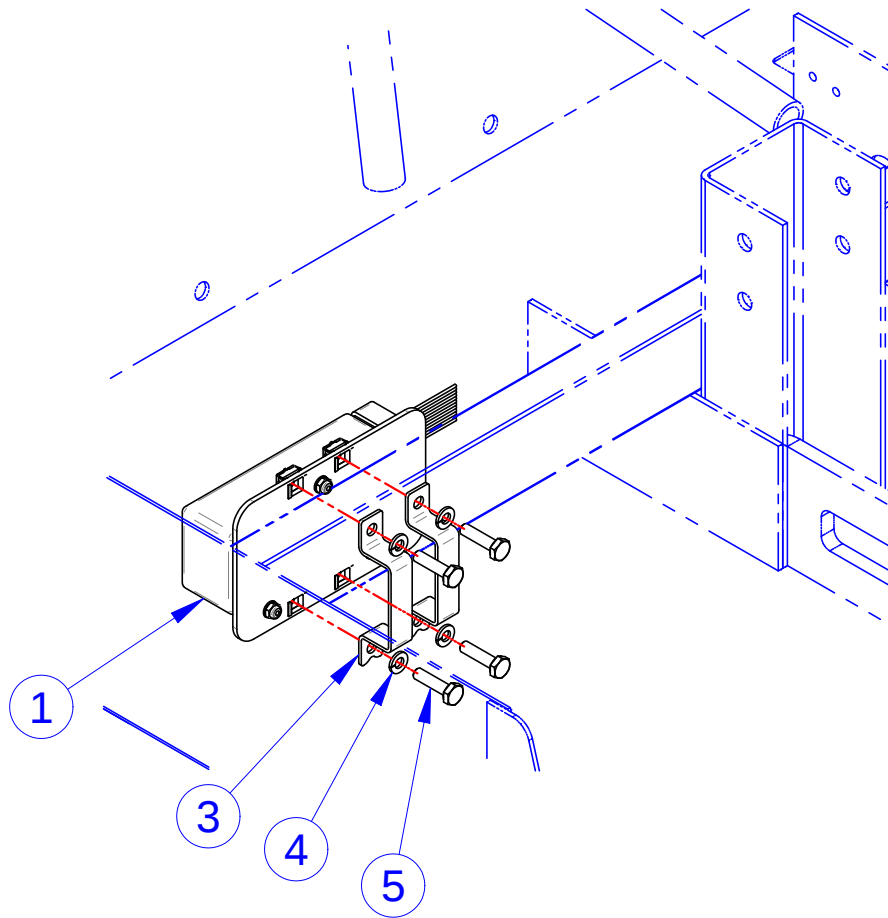
NOTE: Items with * in tables indicates parts not shown in drawing

HOUR METER HOLE PLUG



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG719214	DOME PLUG, BLACK (FITS 2.00" HOLE)	1	719214

NOTE: Items with * in tables indicates parts not shown in drawing

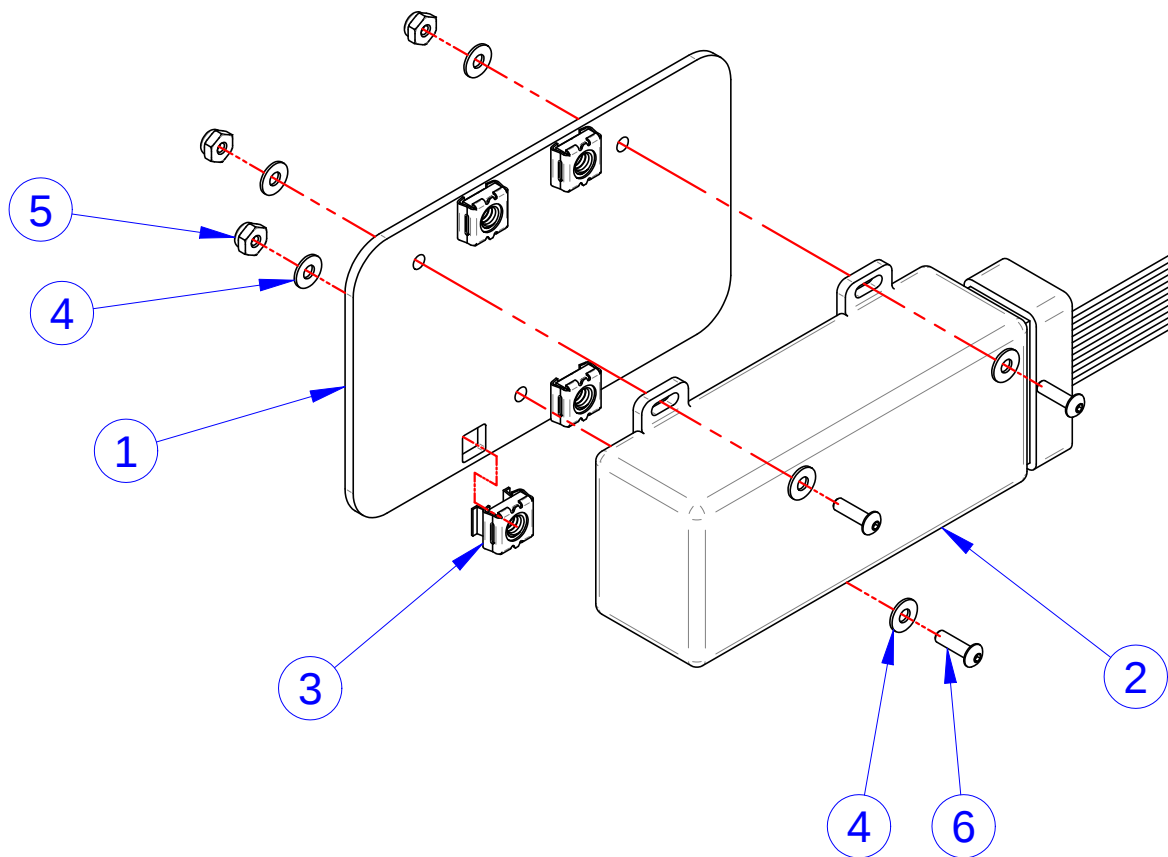


UNDERNEATH VIEW OF FRONT RH SIDE

ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-5	CVG193498U	P&A KIT, TELEMATICS, FULL, PL	KIT	193498A
1	CVG468301	ASSY, VAM, FULL, PL	1	468301
2*	CVG468302	HARNESS, VAM, PL	1	468302
3	CVG518391	BRKT, VAM, PL	2	518391
4	CVG719378	WSHR, 1/4 (M6), L/W, SPLIT, 18-8, S/S	4	719378
5	CVG782785	SCREW, 1/4-20X1.0, HHCS, 18-8SS	4	782785

NOTE: Items with * in tables indicates parts not shown in drawing

FULL VAM



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG518390	PLATE, VAM MT, PL	1	518390
2	CVG761836	MODULE, VAM-RUGGED, 12/48 FULL	1	761836
3	CVG782339	NUT, 1/4-20, CAGE, 0.093-0.126, MAGNI 525	4	782339
4	CVG782737	WSHR, #6 X 0.375 X 0.031, F/W, 18-8 S/S	6	782737
5	CVG782738	NUT, #6-32, L/N, NYL, NM, 18-8, S/S	3	782738
6	CVG782744	SCR, #6-32 X 0.5, BSHCS, 18-8, S/S	3	782744

NOTE: Items with * in tables indicates parts not shown in drawing

NOTE: Items with * in tables indicates parts not shown in drawing

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COLUMBIA

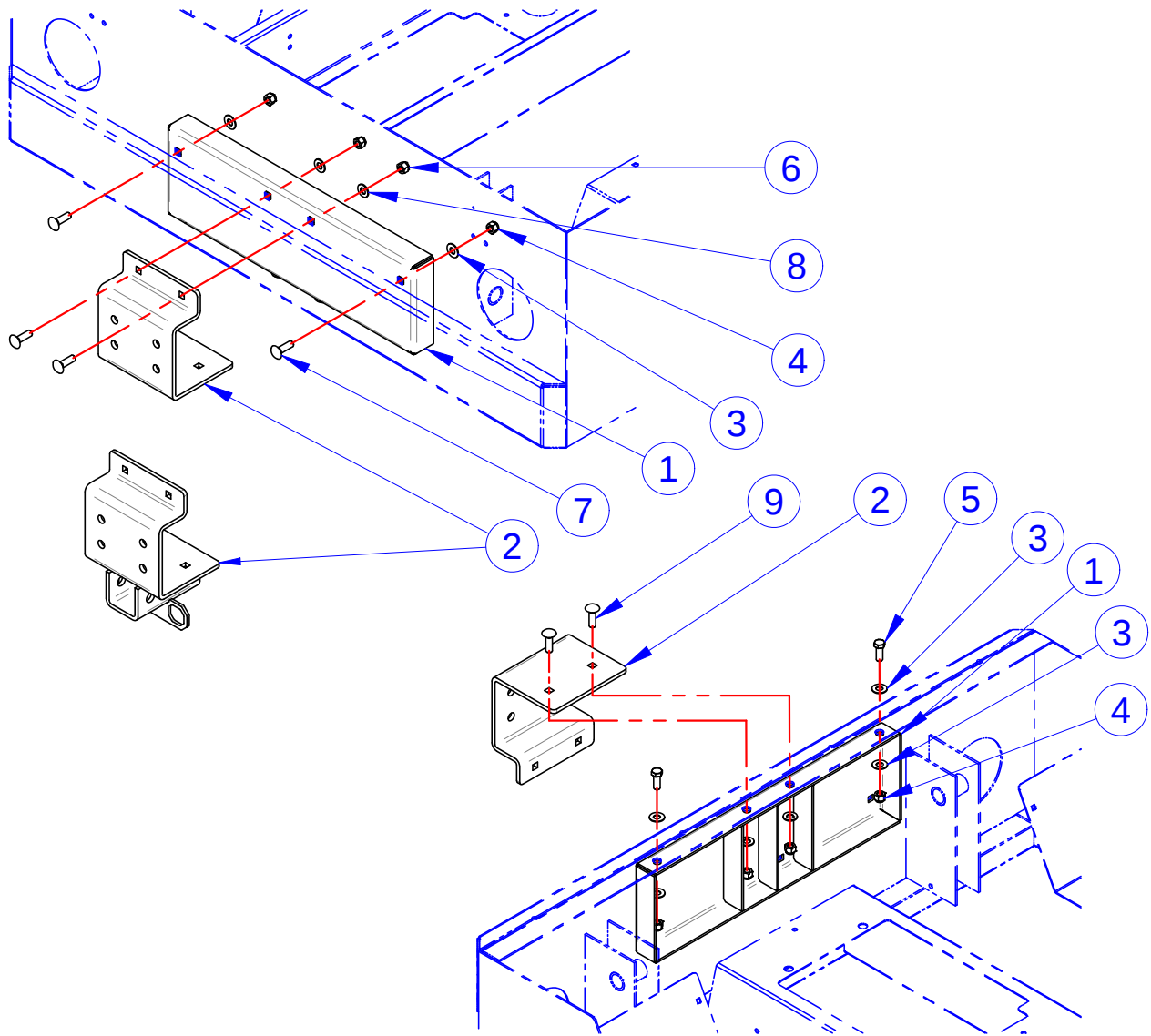
PAYLOADER

PARTS MANUAL SECTION 7

ACCESSORIES



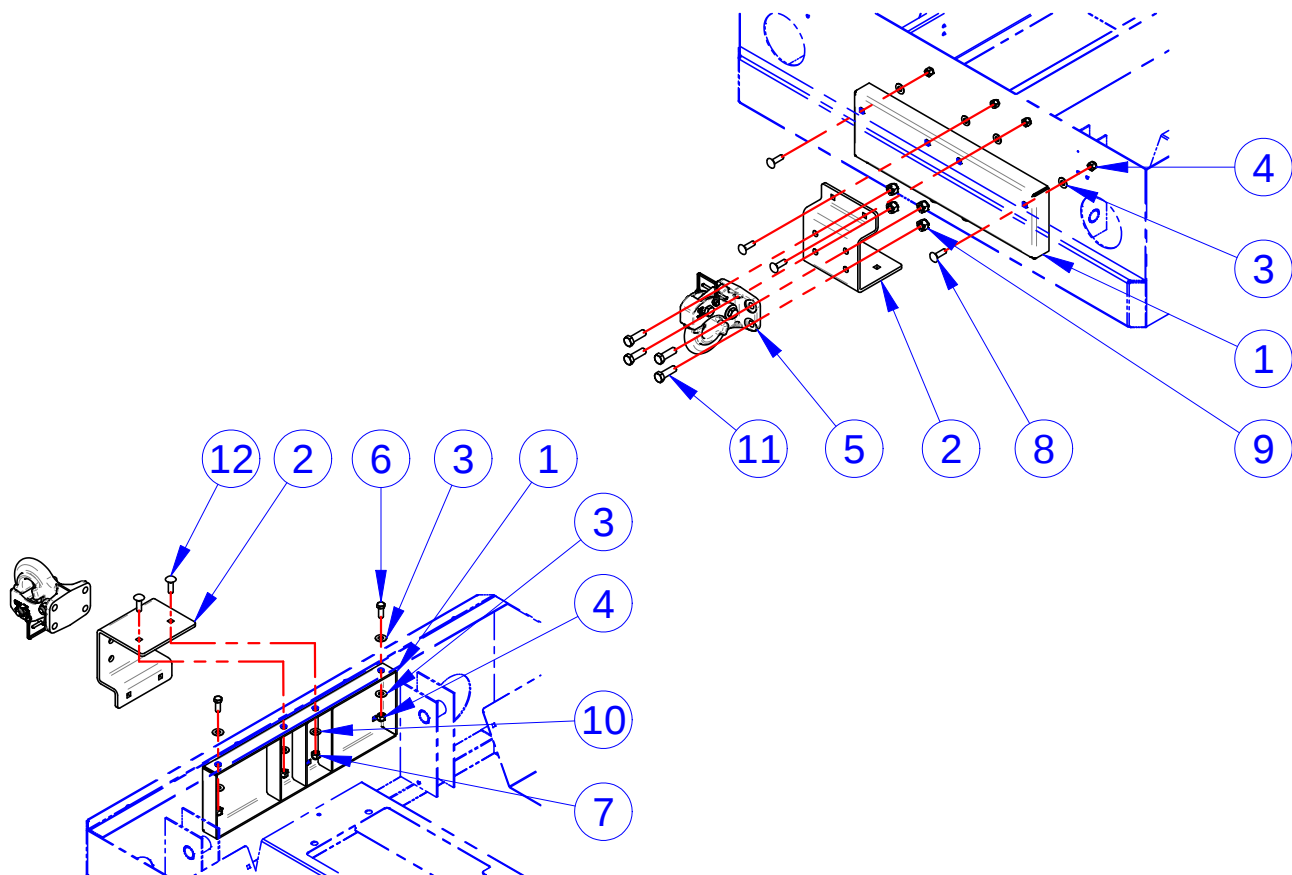
REAR HITCH MOUNTING PLATE



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-9	CVG190624U	P&A KIT, GRP, PL HITCH MNTING PLATE (515810)	KIT	190624A
	CVG192717U	P&A, REAR RCVR HITCH, BC (312208)	KIT	192717A
1	CVG313819	WLDMNT, REINF MTG BRKT	1	313819
2	CVG312208TB	WLDMNT, BC, REAR RCVR, TB	1	312208
	CVG515810TB	BRKT, BC HITCH MTG	1	515810
3	CVG708859	WASHER, 3/8, STD, FW, 18-8SS	6	708859
4	CVG708860	NUT, 3/8-16, L/N, NYL, NE, 18-8, S/S	4	708860
5	CVG781786	SCR, 3/8-16 X 1, HHCS, 18-8SS	2	781786
6	CVG782118	NUT, 3/8-16, L/N, NYL, NE, G8, MAGNI525	4	782118
7	CVG782724	SCR, 3/8-16 X 1.25, CARR, 18-8, S/S	2	782724
8	CVG782740	WSHR, 3/8(M10), SAE, F/W, G8, MAGNI525	4	782740
9	CVG782870	SCR, 3/8-16 X 1.25, CARR, G8, MAGNI 525	4	782870

NOTE: Items with * in tables indicates parts not shown in drawing

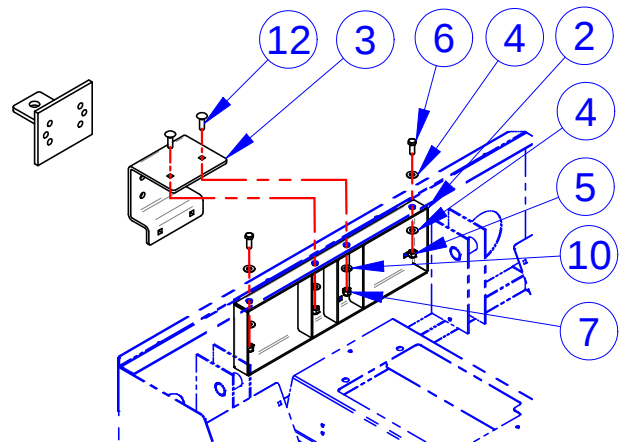
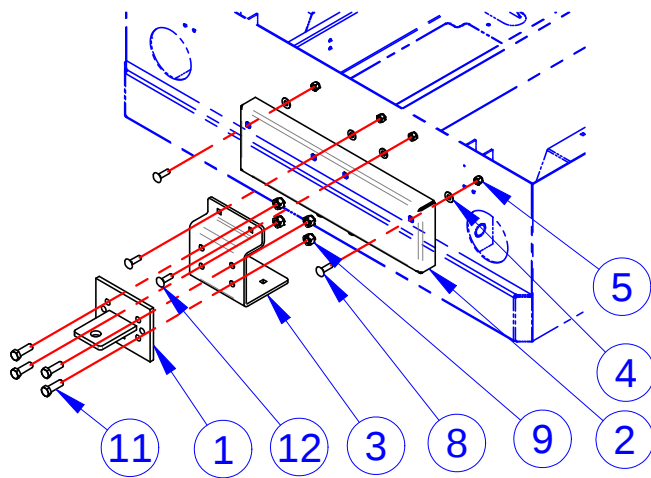
PINTLE HITCH



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-12	CVG190625U	P&A KIT, GRP, PL HITCH MNTING PLATE	KIT	190625A
1	CVG313819	WLDMNT, REINF MTG BRKT	1	313819
2	CVG515810TB	BRKT, BC HITCH MTG	1	515810
3	CVG708859	WASHER, 3/8, STD, FW, 18-8SS	6	708859
4	CVG708860	NUT, 3/8-16, L/N, NYL, NE, 18-8, S/S	4	708860
5	CVG709833	HITCH, PINTLE HOOK, RIGID	1	709833
6	CVG781786	SCR, 3/8-16 X 1, HHCS, 18-8SS	2	781786
7	CVG782118	NUT, 3/8-16, L/N, NYL, NE, G8, MAGNI 525	4	782118
8	CVG782724	SCR, 3/8-16 X 1.25, CARR, 18-8, S/S	2	782724
9	CVG782739	NUT, 1/2-13, L/N, NYL, NE, G8, MAGNI 525	4	782739
10	CVG782740	WSHR, 3/8 (M10), SAE, F/W, G8, MAGNI 525	4	782740
11	CVG782769	SCREW, 1/2-13 X 1-1/2, HHCS, G8, MAGNI 525	4	782769
12	CVG782870	SCR, 3/8-16 X 1.25, CARR, G8, MAGNI 525	4	782870

NOTE: Items with * in tables indicates parts not shown in drawing

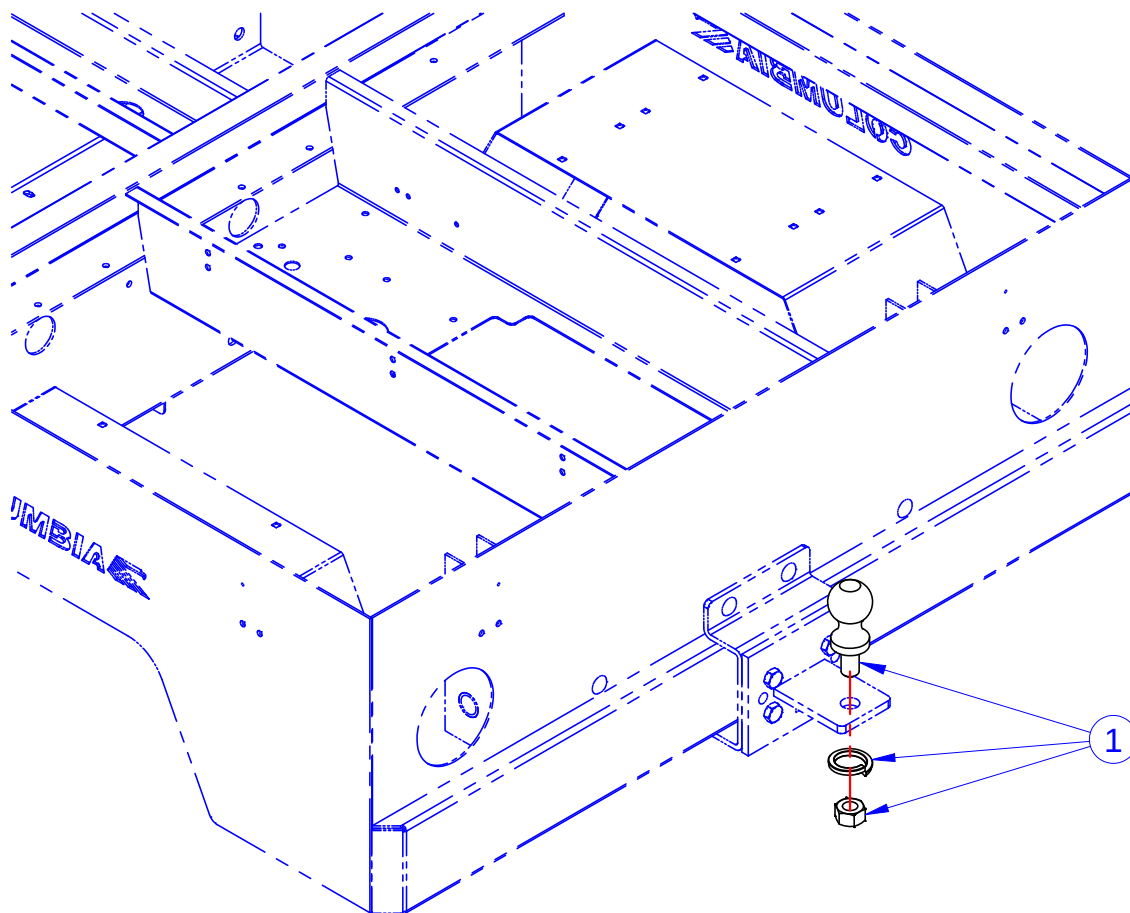
BALL-LESS HITCH



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-12	CVG191171U	P&A KIT, PL HITCH. W/O BALL	KIT	191171A
1	CVG307419	WLDMT, HITCH PLATE, BC	1	307419
2	CVG313819	WLDMNT, REINF MTG BRKT	1	313819
3	CVG515810TB	BRKT, BC HITCH MTG	1	515810
4	CVG708859	WASHER, 3/8, STD, FW, 18-8SS	6	708859
5	CVG708860	NUT, 3/8-16, L/N, NYL, NE, 18-8, S/S	4	708860
6	CVG781786	SCR, 3/8-16 X 1, HHCS, 18-8SS	2	781786
7	CVG782118	NUT, 3/8-16, L/N, NYL, NE, G8, MAGNI525	4	782118
8	CVG782724	SCR, 3/8-16 X 1.25, CARR, 18-8, S/S	2	782724
9	CVG782739	NUT, 1/2-13, L/N, NYL, NE, G8, MAGNI 525	4	782739
10	CVG782740	WSHR, 3/8(M10), SAE, F/W, G8, MAGNI525	4	782740
11	CVG782769	SCREW, 1/2-13 X 1-1/2, HHCS, G8, MAGNI 525	4	782769
12	CVG782870	SCR, 3/8-16 X 1.25, CARR, G8, MAGNI 525	4	782870

NOTE: Items with * in tables indicates parts not shown in drawing

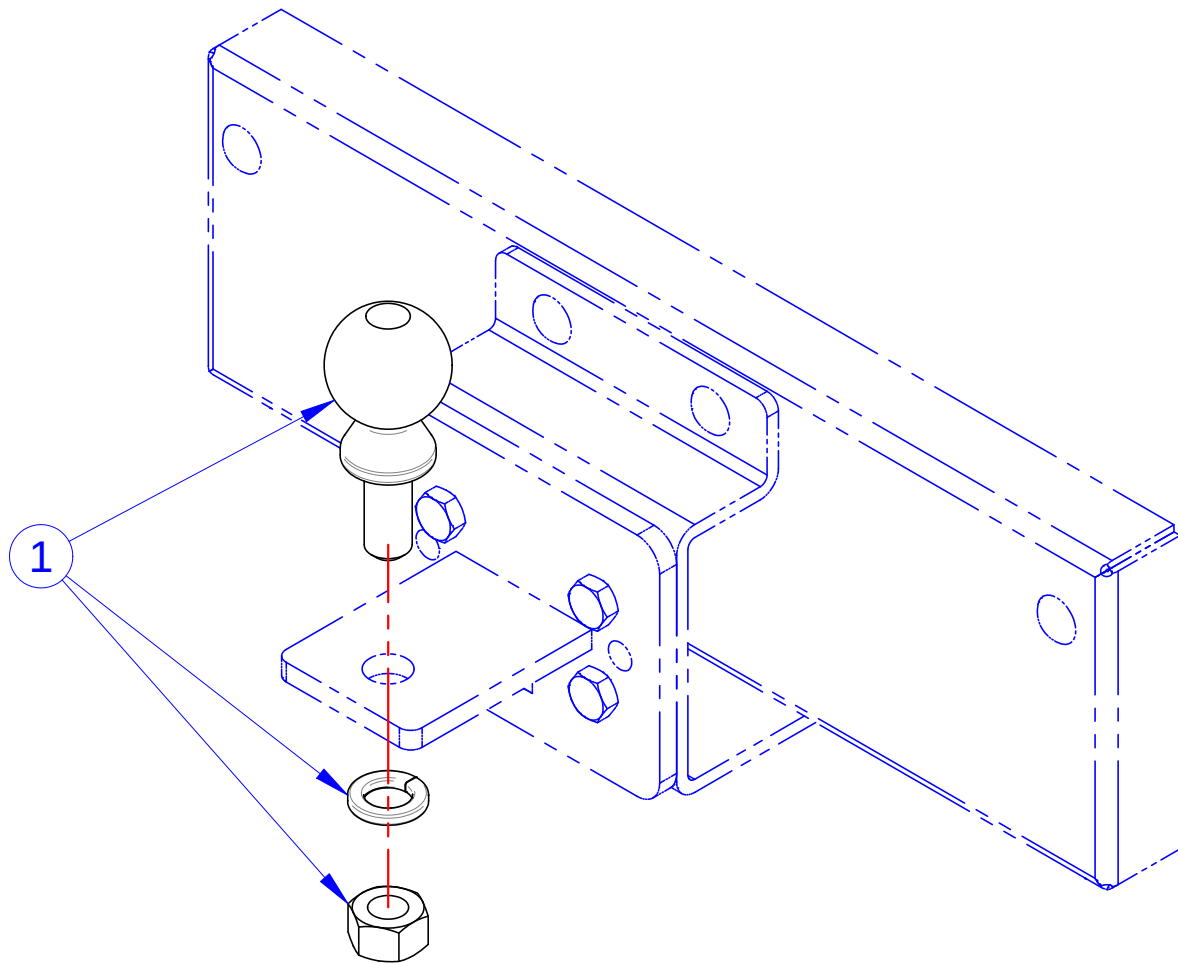
1.875" BALL



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG719008	TRAILER HITCH BALL - CHROME	1	719008

NOTE: Items with * in tables indicates parts not shown in drawing

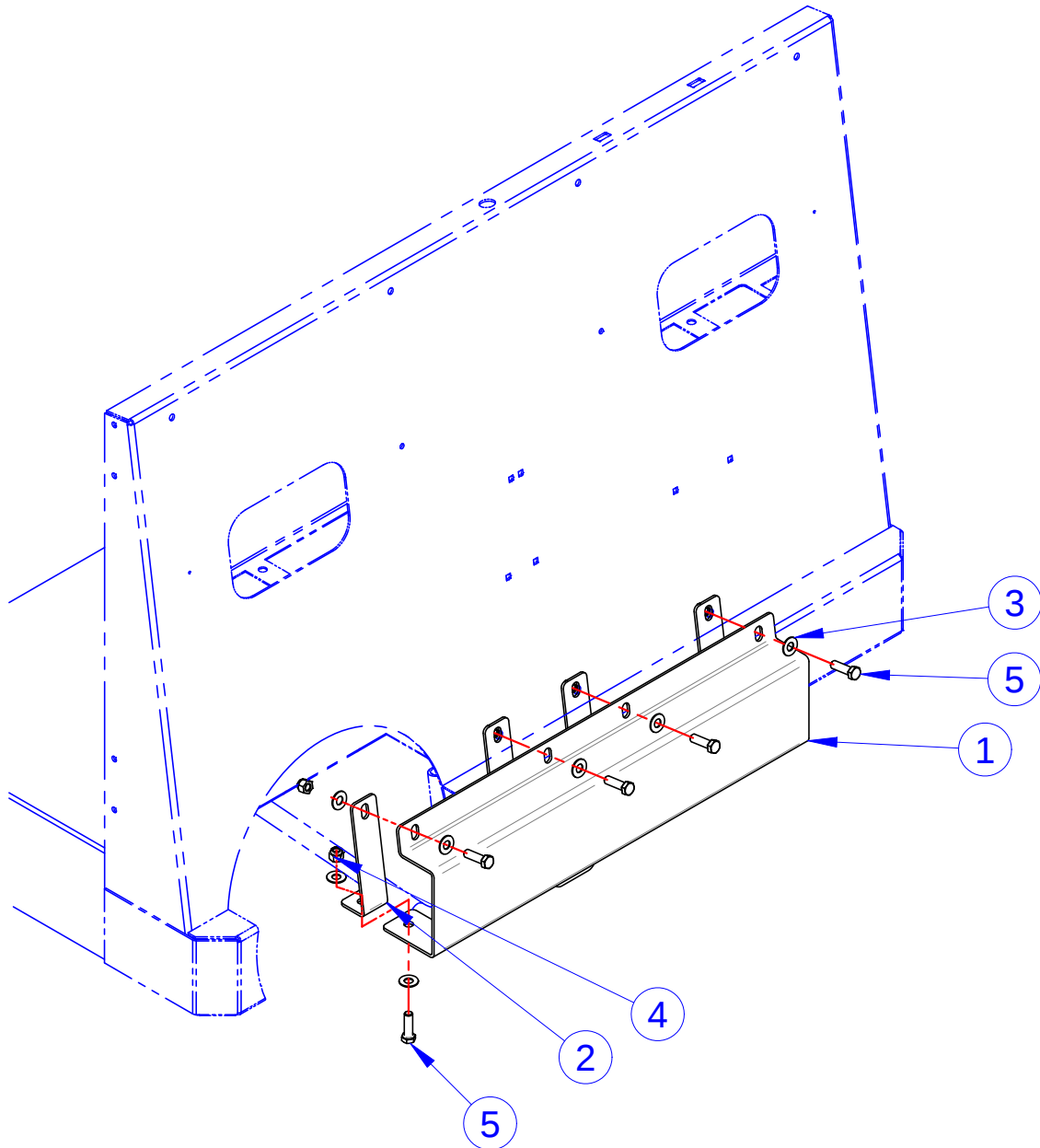
2" BALL



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG719207	BALL HITCH, 2"	1	719207

NOTE: Items with * in tables indicates parts not shown in drawing

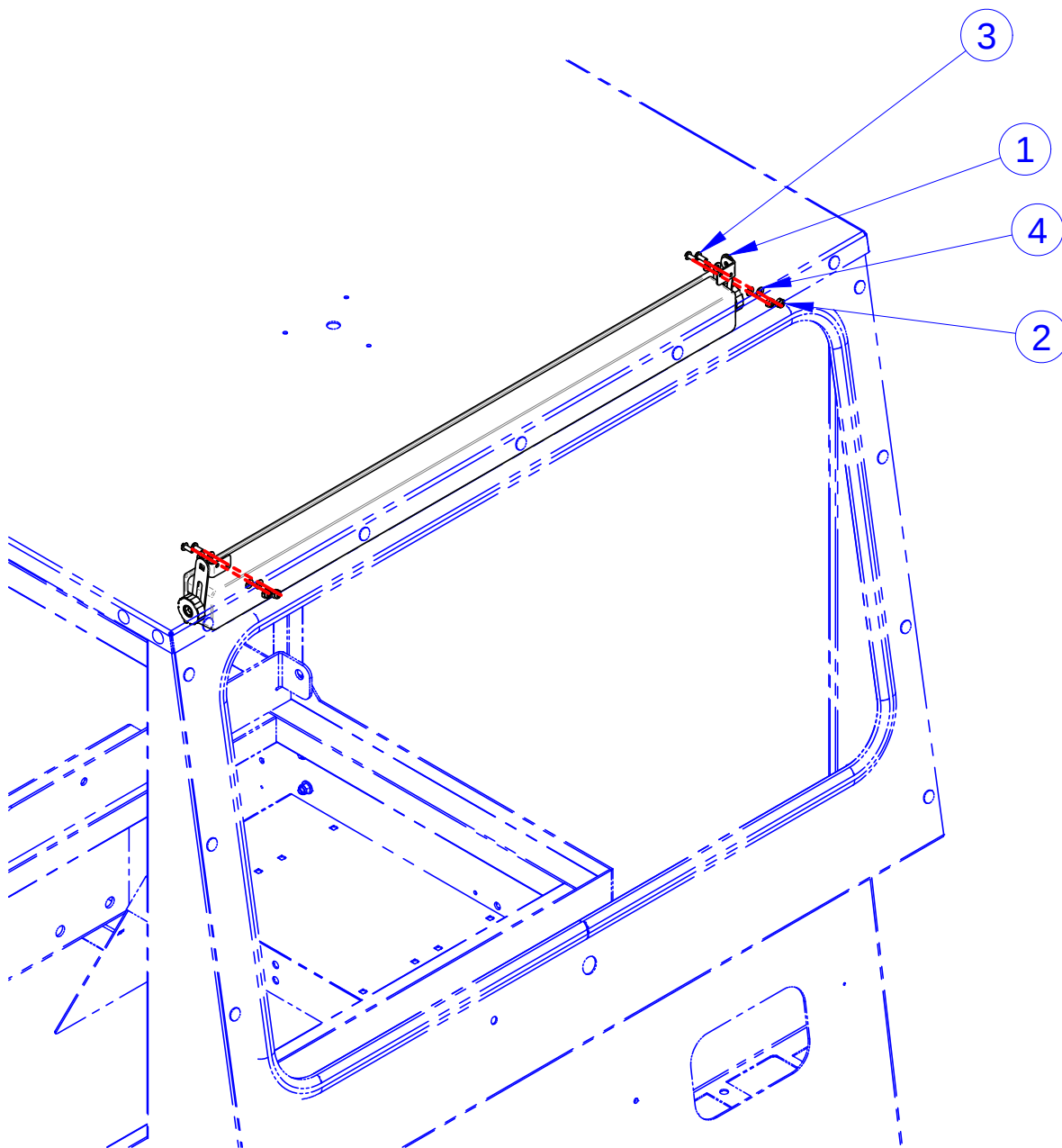
FRONT RECIEVER HITCH



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-5	CVG192719U	P&A, PL FRONT RCVR HITCH	KIT	192719
1	NONE	WLDMT, BC FRONT RCVR	1	312209
2	CVG515812	BRKT, SPRT, BC FRONT RCVR	4	515812
3	CVG708859	WASHER,3/8,STD,FW,18-8SS	16	708859
4	CVG708860	NUT, 3/8-16, L/N, NYL, NE, 18-8, S/S	8	708860
5	CVG782787	SCREW,3/8-16X1.25,HHCS,18-8SS	8	782787

NOTE: Items with * in tables indicates parts not shown in drawing

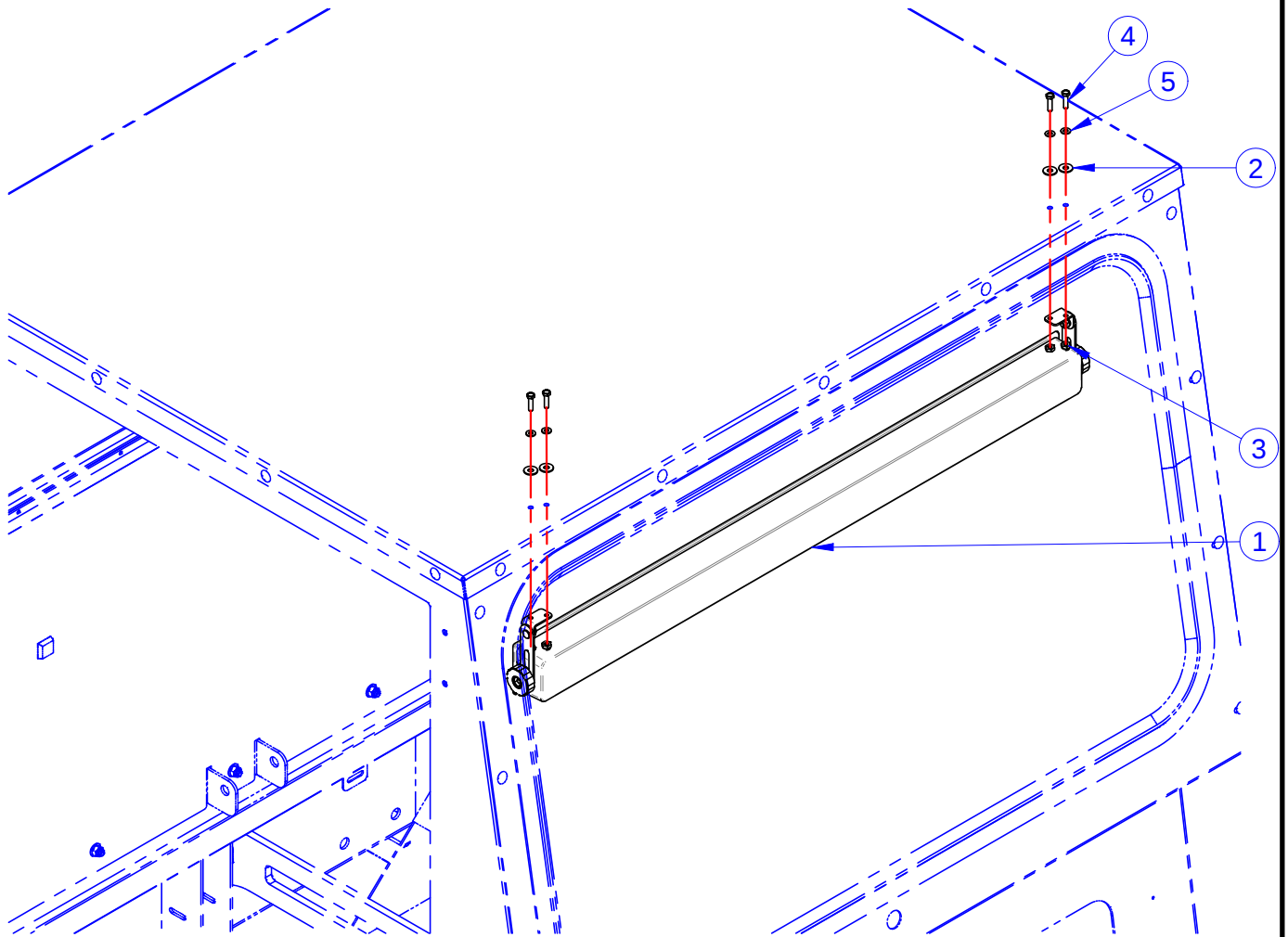
REAR-VIEW MIRROR, 5-PANEL, FOR TOP



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG709408	5 PANEL MIRROR	1	709408
2	CVG761631	NUT, #10-24 GRD 18-8 NM SS NYLOCK	4	761631
3	CVG761632	SCREW, #10-24X1/2" PPH GRD 18-8 SS	4	761632
4	CVG782722	WSHR, #10 X 0.438 X 0.031, F/W, 18-8, S/S	8	782722

NOTE: Items with * in tables indicates parts not shown in drawing

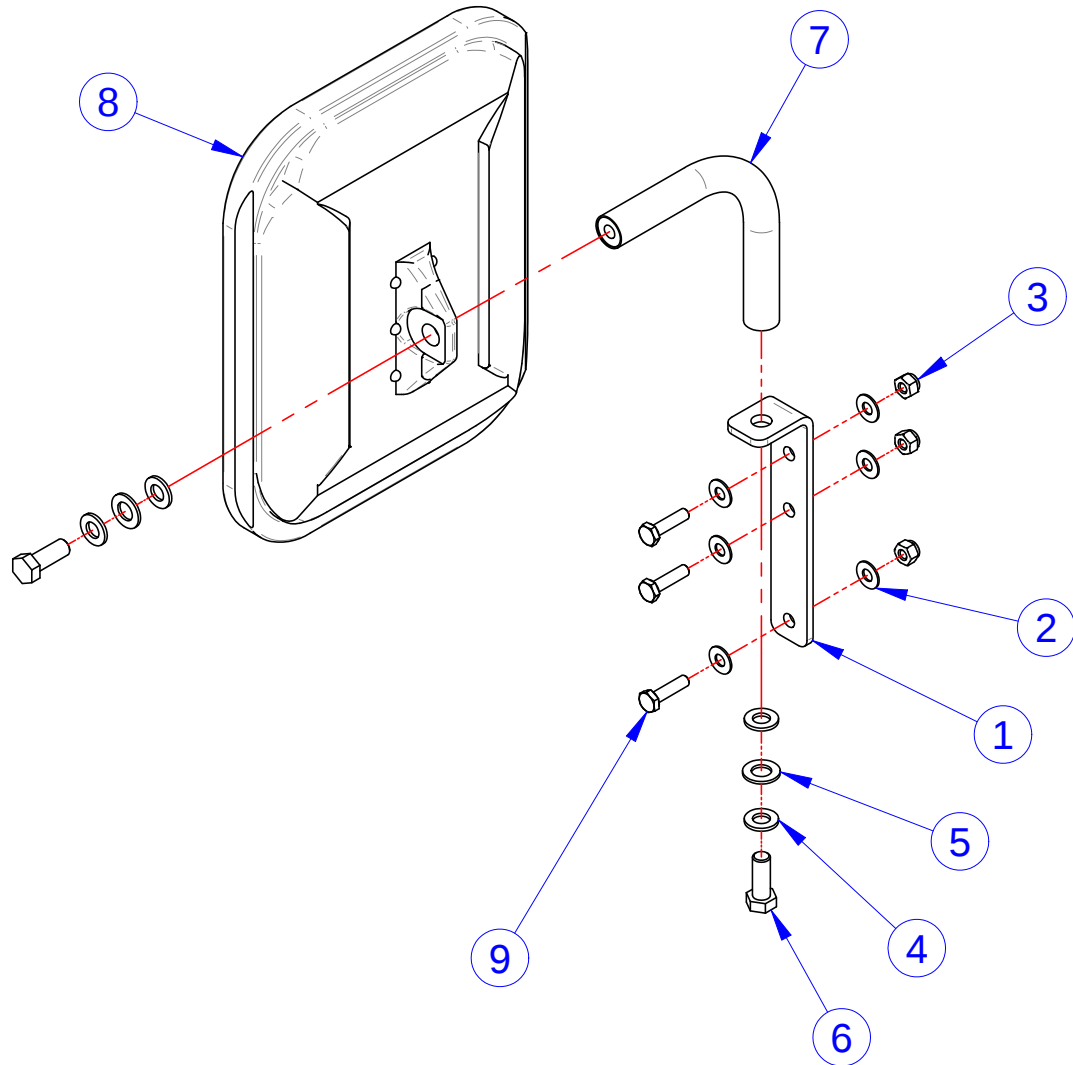
REAR-VIEW MIRROR, 5-PANEL, FOR CAB



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG709408	5 PANEL MIRROR	1	709408
2	CVG719788	RUBBER WASHER, .25 ID	4	719788
3	CVG761631	NUT, #10-24 GRD 18-8 NM SS NYLOCK	4	761631
4	CVG761638	SCREW, 10-24X3/4, IHHMS, 18-8 SS	4	761638
5	CVG782722	WSHR, #10 X 0.438 X 0.031, F/W, 18-8SS	4	782722

NOTE: Items with * in tables indicates parts not shown in drawing

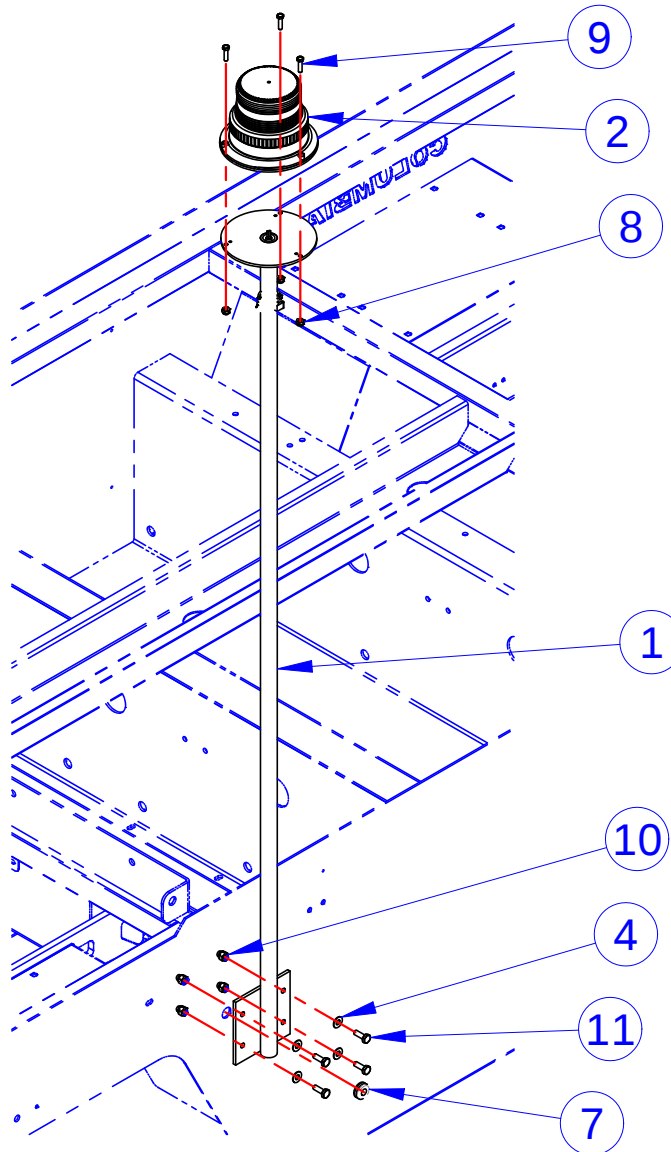
SIDE-VIEW MIRRORS



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG510682	BRACKET, MIRROR - BC	2	510682
2	CVG708511	WASHER, FLAT, 1/4", 18-8SS	12	708511
3	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	6	719876
4	CVG749775	WASHER, 3/8 FLAT	8	749775
5		WASHER, 3/8 NYLON	4	
6		SCREW, 3/8-16 X 1 HEX HEAD	4	
7		CURVED ARM	2	
8		MIRROR HEAD ASSEMBLY	2	
9	CVG782785	SCREW, 1/4-20X1.0, HHCS, 18-8SS	6	782785

NOTE: Items with * in tables indicates parts not shown in drawing

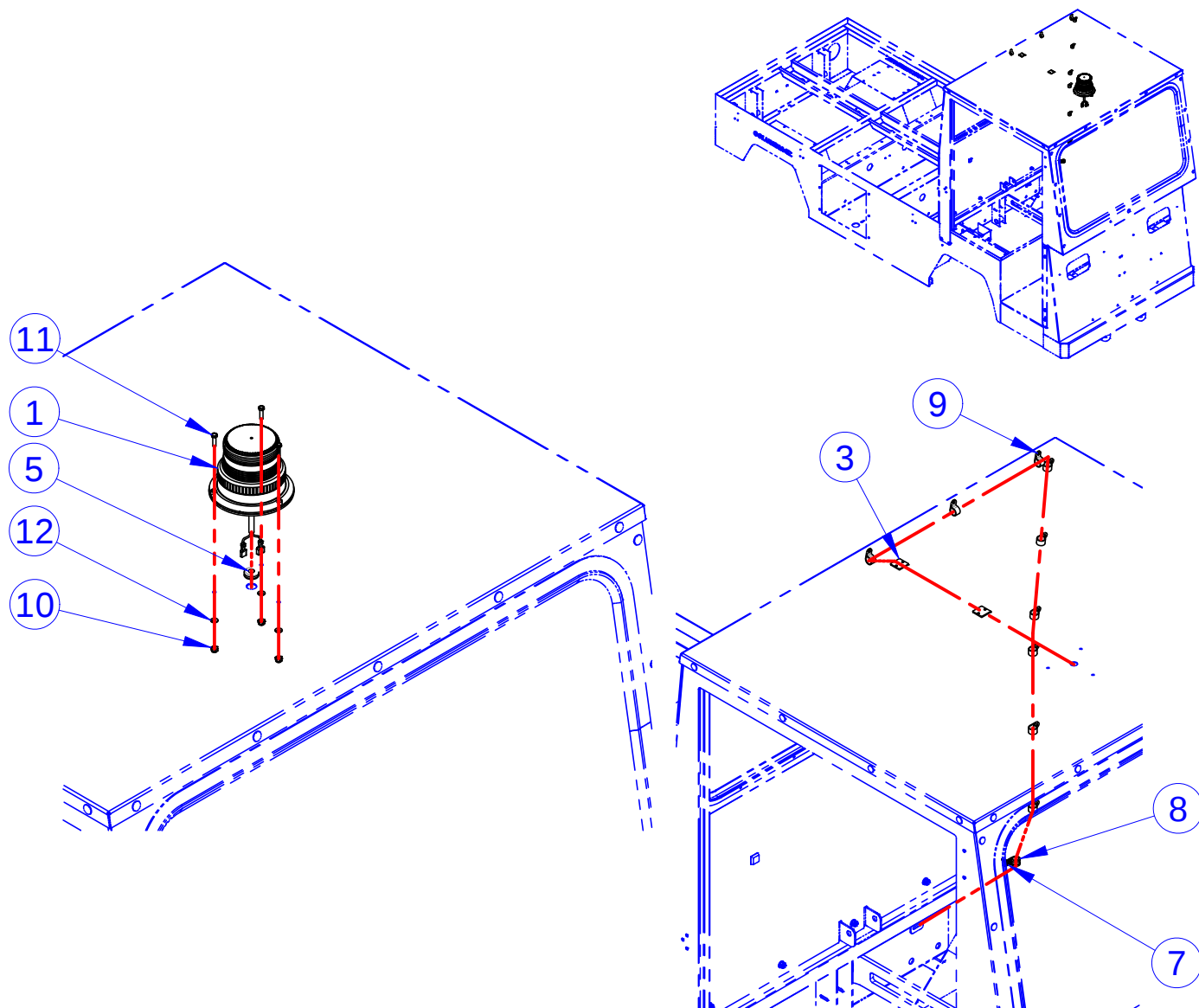
POLE AMBER STROBE



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-11	CVG190636U	P&A KIT, PL, POLE AMBER STROBE	KIT	190636
1	CVG306164TB	WLDMT, BC STROBE POLE	1	306164
2	CVG467408	ASM, STROBE LIGHT (AMBER)	1	467408
3*	CVG467441	HARNESS, BC POLE STROBE LIGHT	1	467441
4	CVG708511	WASHER, FLAT, 1/4", 18-8SS	4	708511
5*	CVG719501	CABLE TIE, NATURAL 5 3/4"	2	719501
6*	CVG719503	CABLE TIE MNT BRKT BLACK W/3M	2	719503
7	CVG719522	GROMMET, 3/8 X 7/8	1	719522
8	CVG761631	NUT, #10-24 GRD 18-8 NM SS NYLOCK	3	761631
9	CVG761638	SCREW, 10-24X3/4, IHHMS, 18-8 SS	3	761638
10	CVG761641	NUT, 1/4-20, L/N, CAP, NYL, NKE, 18-8, S/S	4	761641
11	CVG782784	SCREW, 1/4-20X3/4, HHCS, 18-8SS	4	782784

NOTE: Items with * in tables indicates parts not shown in drawing

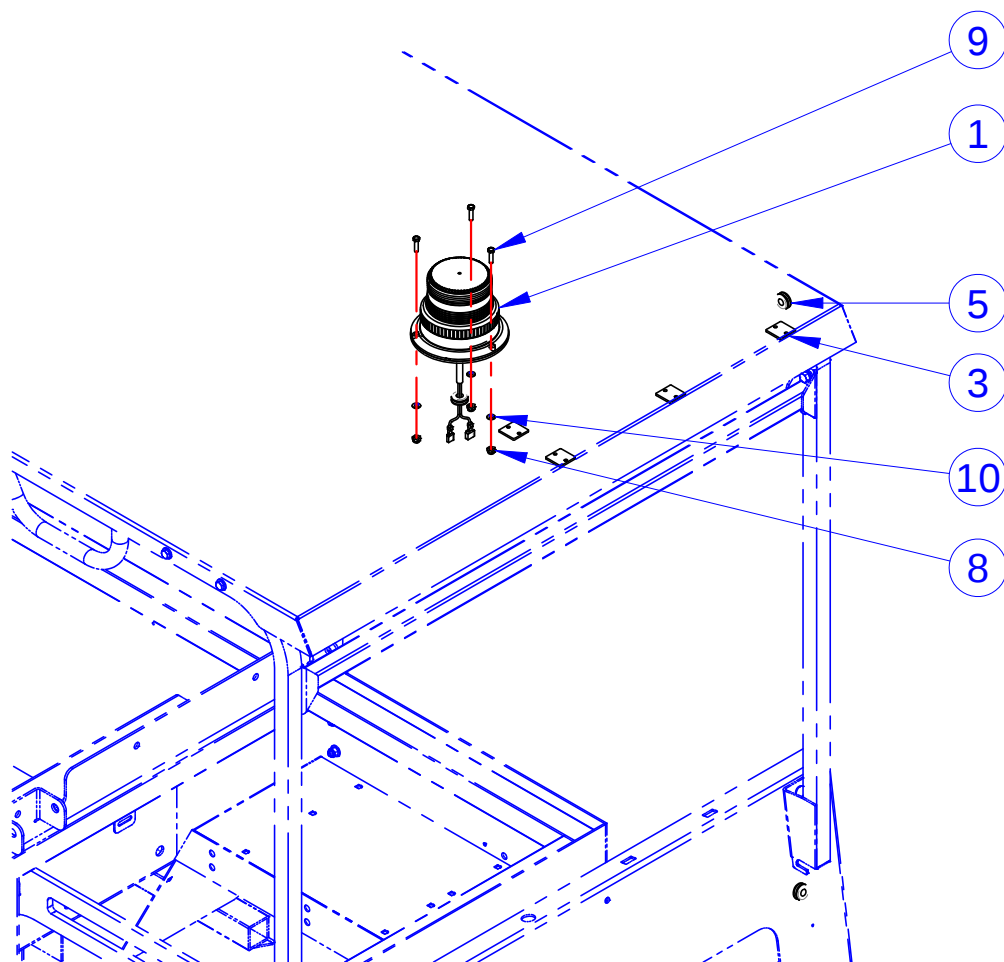
STROBE LIGHT, TOP



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-12	CVG190637U	P&A KIT , PL CAB AMBER STROBE	KIT	190637A
1	CVG467408	ASM, STROBE LIGHT (AMBER)	1	467408
2*	CVG467410	HARNESS, BC CAB STROBE LIGHT	1	467410
3	CVG719503	CABLE TIE MNT BRKT BLACK W/3M	2	719503
4*	CVG719504	CABLE TIE,BLACK,,.18X11-3/4,STD,50LB	2	719504
5	CVG719522	GROMMET, 3/8 X 7/8	1	719522
6*	CVG719557	LOOM, .413 X .594, SPLIT	1	719557
7	CVG719583	SCREW,10-16X3/4,HWH,TEK,MAG525	1	719583
8	CVG719602	CLAMP, 1/2" BLACK NYLON HEYCO 3358	1	719602
9	CVG719604	CLAMP, 5/8" NYLON BLACK HEYCO 3380	9	719604
10	CVG761631	NUT, #10-24 GRD 18-8 NM SS NYLOCK	3	761631
11	CVG761638	SCREW,10-24X3/4,IHHMS,18-8 SS	3	761638
12	CVG782722	WSHR, #10 X 0.438 X 0.031, F/W, 18-8, S/S	3	782722

NOTE: Items with * in tables indicates parts not shown in drawing

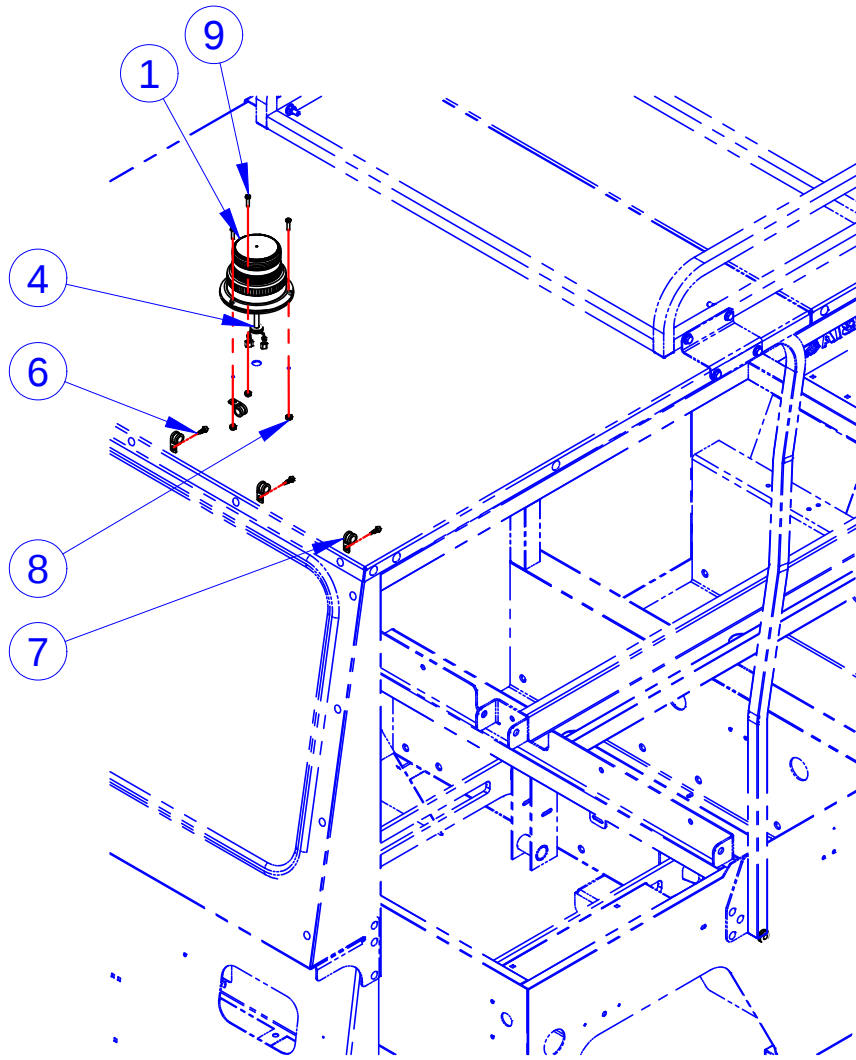
STOBE LIGHT, TOP



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG467408	ASM, STROBE LIGHT (AMBER)	1	467408
2*	CVG467410	HARNESS, BC CAB STROBE LIGHT	1	467410
3	CVG719503	CABLE TIE MNT BRKT BLACK W/3M	4	719503
4*	CVG719504	CABLE TIE,BLACK,.18X11-3/4,STD,50LB	4	719504
5	CVG719522	GROMMET, 3/8 X 7/8	3	719522
6*	CVG719557	LOOM, .413 X .594, SLIT, BLACK, 4.00" LG	1	719557
7*	CVG719557	LOOM, .413 X .594, SLIT, BLACK, 26.00" LG	1	719557
8	CVG761631	NUT, #10-24 GRD 18-8 NM SS NYLOCK	3	761631
9	CVG761638	SCREW,10-24X3/4,IHHMS,18-8 SS	3	761638
10	CVG782722	WSHR, #10 X 0.438 X 0.031, F/W, 18-8SS	3	782722

NOTE: Items with * in tables indicates parts not shown in drawing

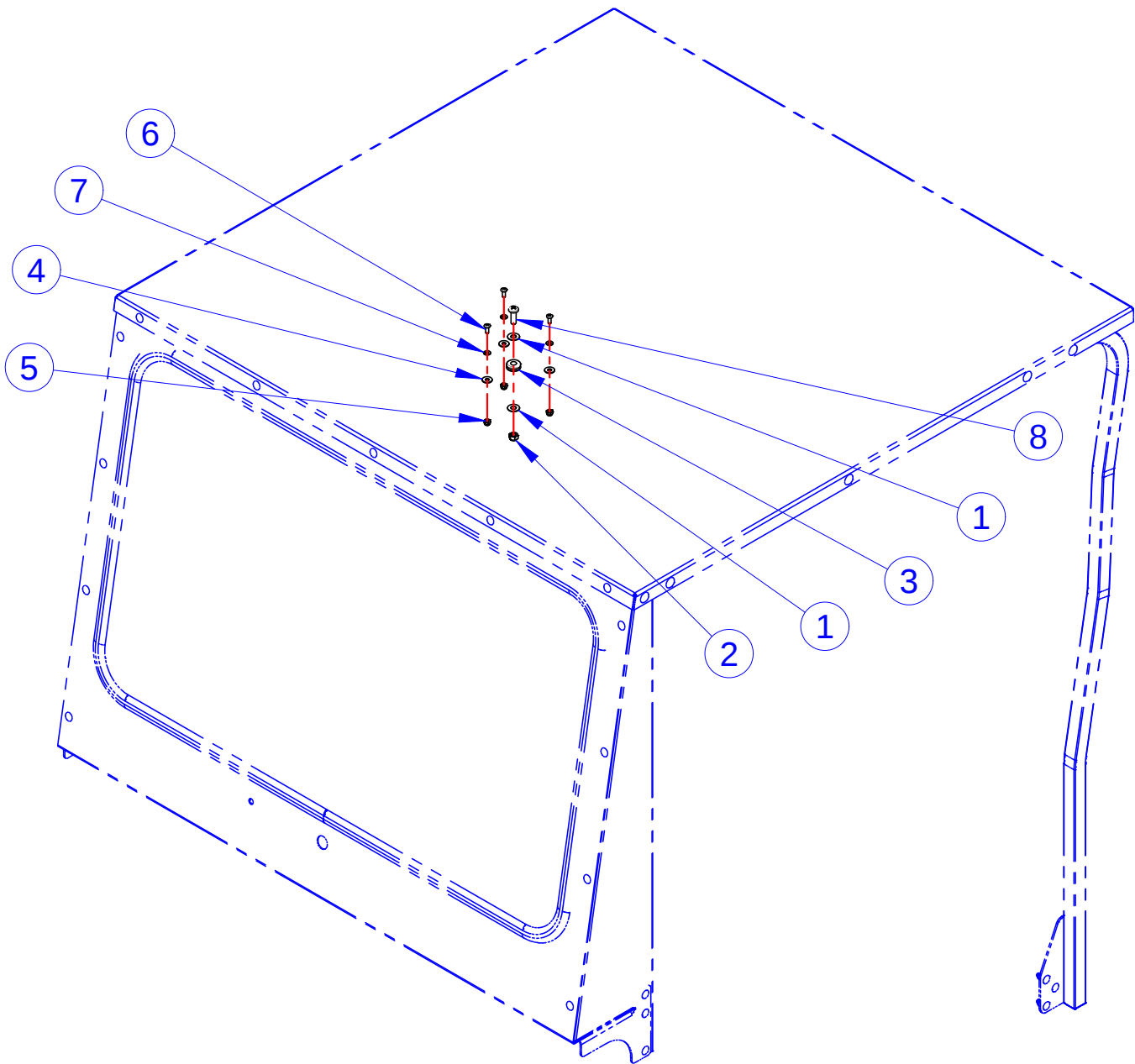
STROBE LIGHT TOP



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-9	CVG192758U	P&A, AMBER STROBE LIGHT, TOP, PL	KIT	192758
1	CVG467408	ASM, STROBE LIGHT (AMBER)	1	467408
2*	CVG467410	HARNESS, BC CAB STROBE LIGHT	1	467410
3*	CVG719381	LOOM, .375" ID, SLIT, BLACK	2	719381
4	CVG719522	GROMMET, 3/8 X 7/8	2	719522
5*	CVG719557	LOOM, .413 X .594, SPLIT	1	719557
6	CVG719583	SCREW,10-16X3/4,HWH,TEK,MAG525	3	719583
7	CVG719602	CLAMP, 1/2" BLACK NYLON HEYCO 3358	4	719602
8	CVG761631	NUT, #10-24 GRD 18-8 NM SS NYLOCK	3	761631
9	CVG761638	SCREW,10-24X3/4,IHHMS,18-8 SS	3	761638

NOTE: Items with * in tables indicates parts not shown in drawing

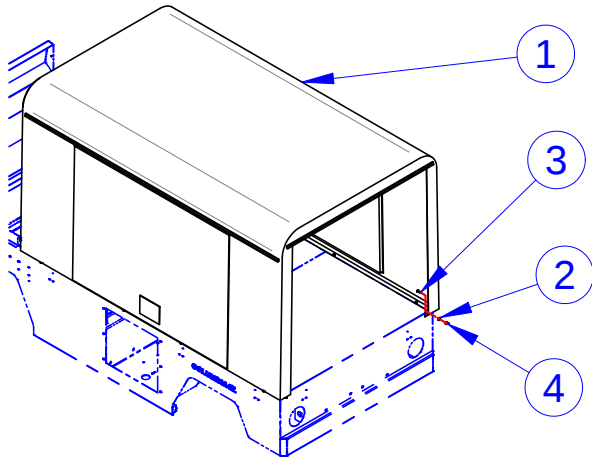
STROBE PLUGS



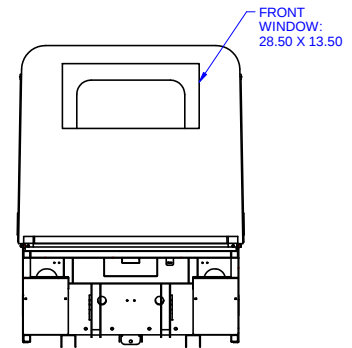
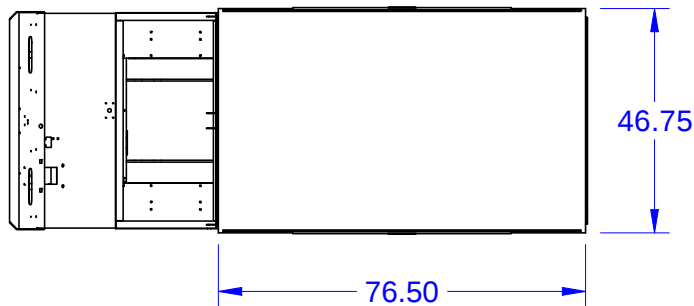
ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG719375	WSHR,5/16X0.750X0.040,F/W,18-8S/S	2	719375
2	CVG719377	NUT, 5/16-18, L/N, NYL, NE, 18-8SS	1	719377
3	CVG719522	GROMMET, 3/8 X 7/8	1	719522
4	CVG719788	RUBBER WASHER, .25 ID	3	719788
5	CVG761631	NUT, #10-24 GRD 18-8 NM SS NYLOCK	3	761631
6	CVG761632	SCREW, #10-24X1/2" PPH GRD 18-8 SS	3	761632
7	CVG782722	WSHR, #10 X 0.438 X 0.031, F/W, 18-8SS	3	782722
8	CVG782800	SCREW,5/16-18X1,PPHMS,18-8 SS	1	782800

NOTE: Items with * in tables indicates parts not shown in drawing

CARGO VAN

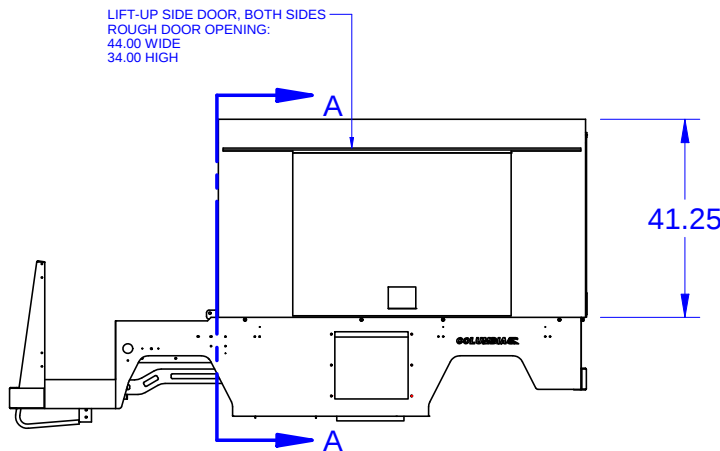


- NOTES:
 1. ASTERISKED ITEM NUMBER = PART NOT SHOWN
 2. VAN IS SHOWN WITHOUT DOORS FOR VISIBILITY

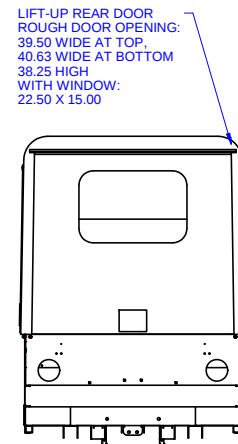


FRONT
WINDOW:
28.50 X 13.50

SECTION A-A



LIFT-UP SIDE DOOR, BOTH SIDES
ROUGH DOOR OPENING:
44.00 WIDE
34.00 HIGH

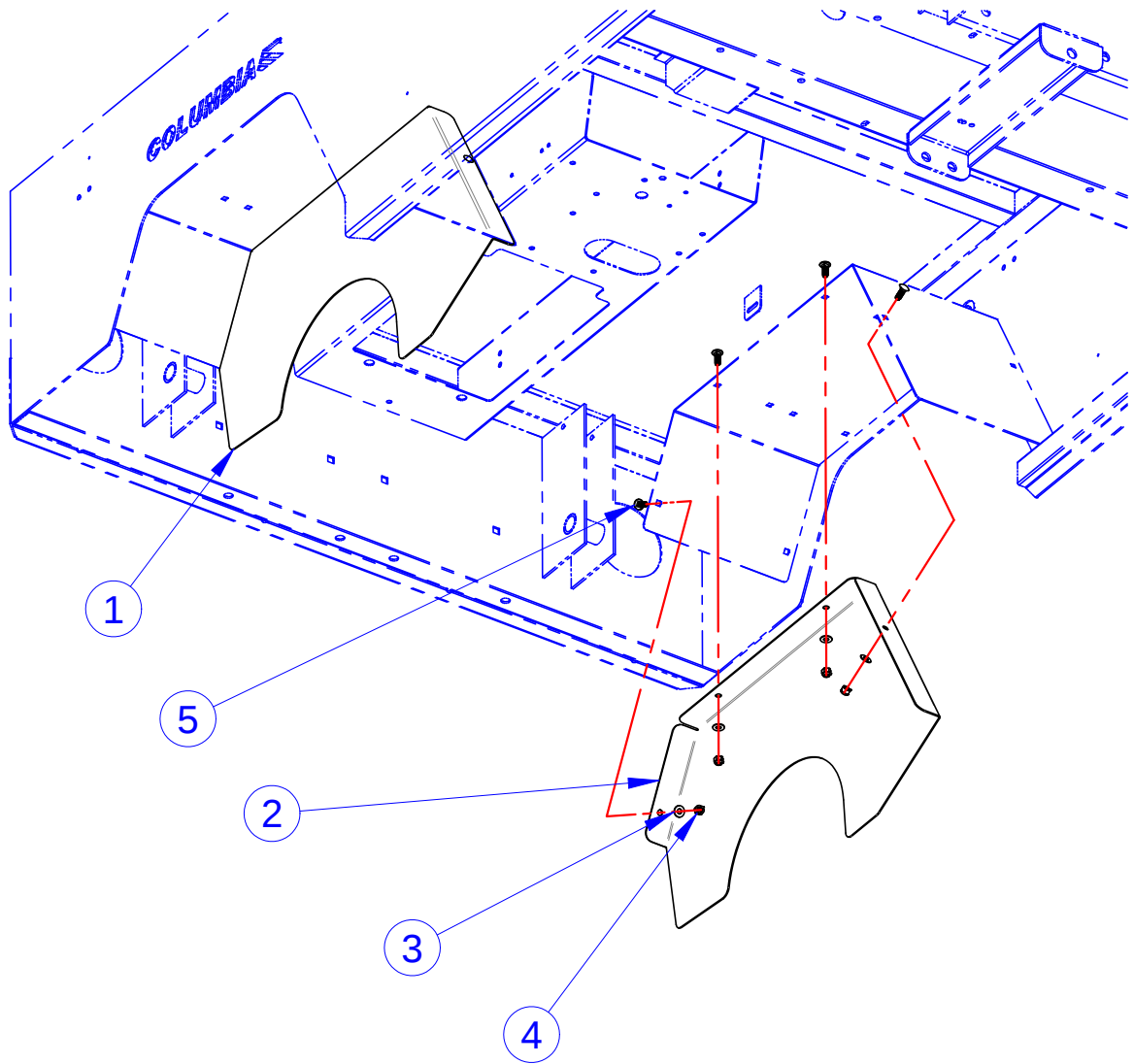


LIFT-UP REAR DOOR
ROUGH DOOR OPENING:
39.50 WIDE AT TOP,
40.63 WIDE AT BOTTOM
38.25 HIGH
WITH WINDOW:
22.50 X 15.00

ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG468166	ENCLOSURE, VAN, PL	1	468166
2	CVG708511	WASHER, FLAT, 1/4", 18-8SS	10	708511
3	CVG719630	SCREW, 1/4-20X5/8, HHCS, G5, ZC	10	719630
4	CVG761641	NUT, 1/4-20, L/N, CAP, NYL, NKE, 18-8, S/S	10	761641

NOTE: Items with * in tables indicates parts not shown in drawing

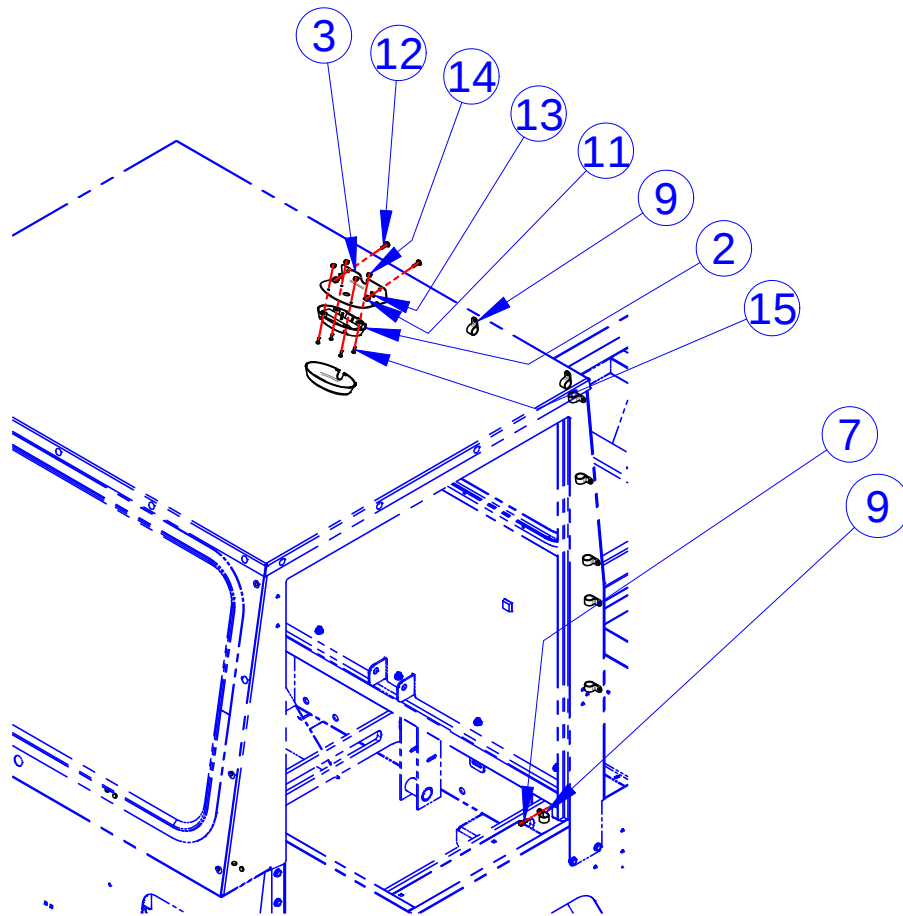
REAR INNER FENDERS



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-5	CVG192579U	P&A KIT, PL REAR FENDERS	KIT	192579A
1	CVG515166	INNER FENDER, BC RH	1	515166
2	CVG515167	INNER FENDER, BC LH	1	515167
3	CVG708511	WASHER, FLAT 1/4" 18-8 SS	8	708511
4	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	8	719876
5	CVG781739	SCR, 1/4-20 X 0.75, CARR, 18-8, S/S	8	781739

NOTE: Items with * in tables indicates parts not shown in drawing

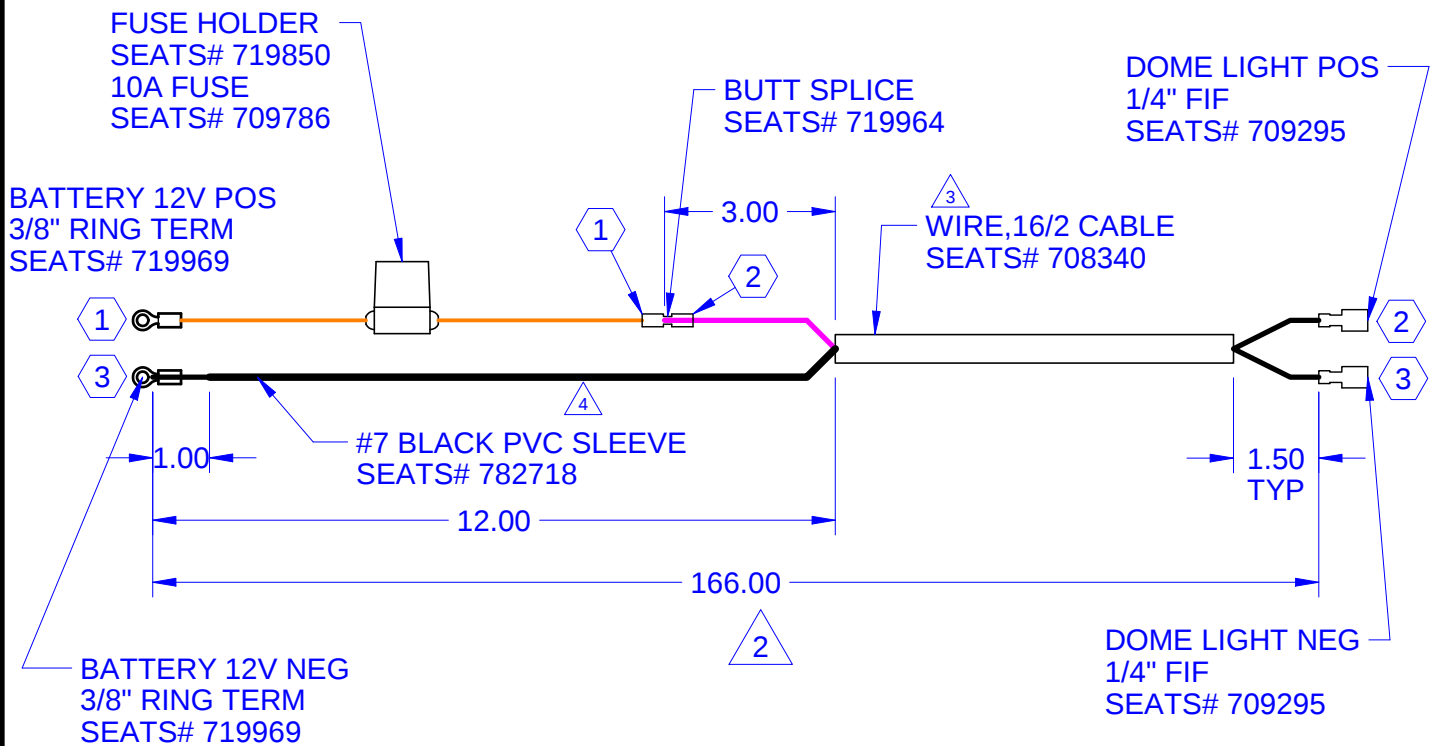
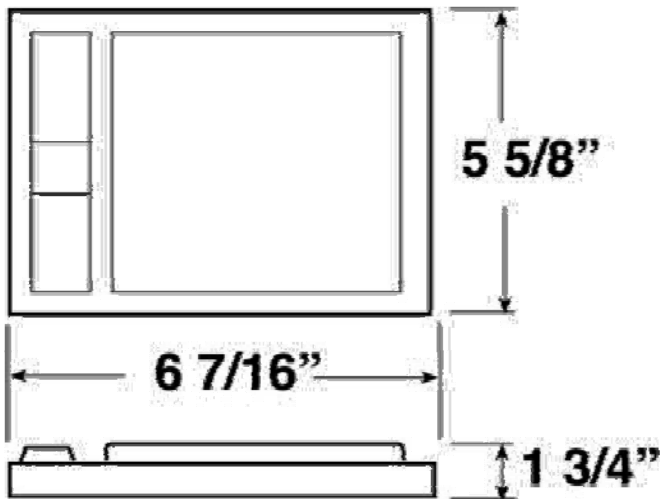
DOME LIGHT



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1*	CVG467700	HARNASS, DOME LIGHT, PL	1	467700
2	CVG468178	ASM, DOME LIGHT, LED	1	468178
3	CVG518485TB	BRKT, DOME LIGHT, PL	1	518485
4*	CVG709920	ASSY, DOME LIGHT	1	709920
5*	CVG719504	CABLE TIE,BLACK,.18X11-3/4,STD,50LB	1	719504
6*	CVG719557	LOOM, .413 X .594, SPLIT	7	719557
7	CVG719583	SCREW,10-16X3/4,HWH,TEK,MAG525	1	719583
8*	CVG719602	CLAMP, 1/2" BLACK NYLON HEYCO 3358	1	719602
9	CVG719604	CLAMP, 5/8" NYLON BLACK HEYCO 3380	8	719604
10*	CVG719973	TERMINAL,16/14 INS, 1/4 MALE TAB	2	719973
11	CVG761631	NUT, #10-24 GRD 18-8 NM SS NYLOCK	2	761631
12	CVG761652	SCREW,10-24X5/8,HWHTR,SS	2	761652
13	CVG782722	WSHR, #10 X 0.438 X 0.031, F/W, 18-8SS	2	782722
14	CVG782738	NUT, #6-32, L/N, NYL, NM, 18-8, S/S	4	782738
15	CVG782770	SCREW,#6-32X3/8,PPH,18-8SS	4	782770

NOTE: Items with * in tables indicates parts not shown in drawing

DOME LIGHT



CIRCUIT NO	DESCRIPTION	FIRST TERMINAL	SECOND TERMINAL	WIRE LENGTH*	WIRE COLOR	WIRE GAGE
1	BATTERY 12V POS / FUSE TO SPLICE	14-16 GA 3/8" RING TERM	14-16 GA BUTT SPLICE	N/A	N/A	N/A
2	SPLICE TO DOME LIGHT POS	2ND TERM CIR #1	14-16 GA 1/4" FIF	157.50 (1)	WHT	16
3	DOME LIGHT NEG TO BATTERY NEG	14-16 GA 1/4" FIF	14-16 GA 3/8" RING TERM	166.50 (1)	BLK	16

* WIRE LENGTH FOR REFERENCE USE ONLY

FIF = FULLY INSULATED FEMALE QUICK CONNECT

(1) = WIRE, 16/2 CABLE

NOTE: Items with * in tables indicates parts not shown in drawing

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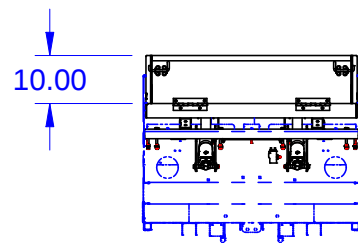
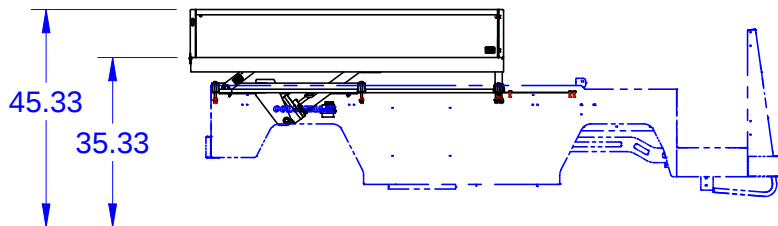
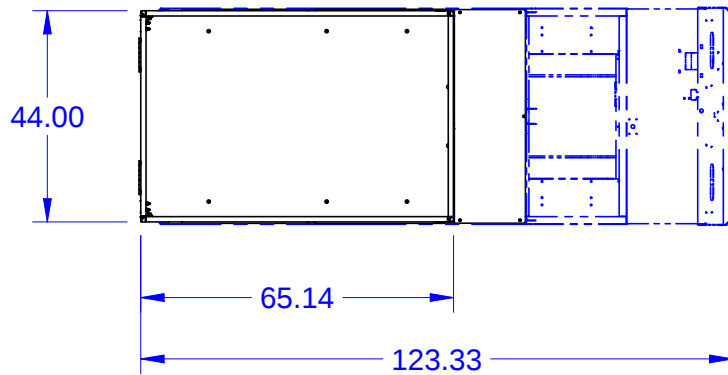
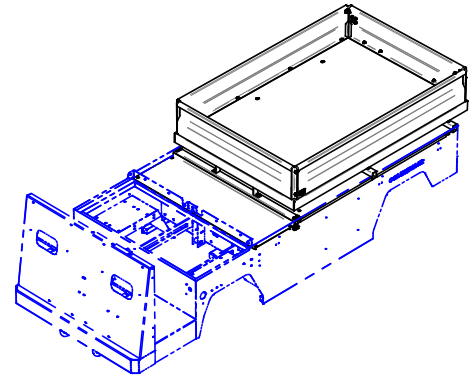
UTX30 SCISSOR LIFT



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG719375	WSHR, 5/16X0.750X0.040, F/W, 18-8S/S	36	719375
2	CVG719377	NUT, 5/16-18, L/N, NYL, NE, 18-8SS	18	719377
3	CVG761734	KIT, UTX30 SCISSOR LIFT, YELLOW	1	761734
4	CVG782720	SCR, 5/16-18 X 1, HHCS, 18-8, S/S	16	782720

NOTE: Items with * in tables indicates parts not shown in drawing

DUMP BOX

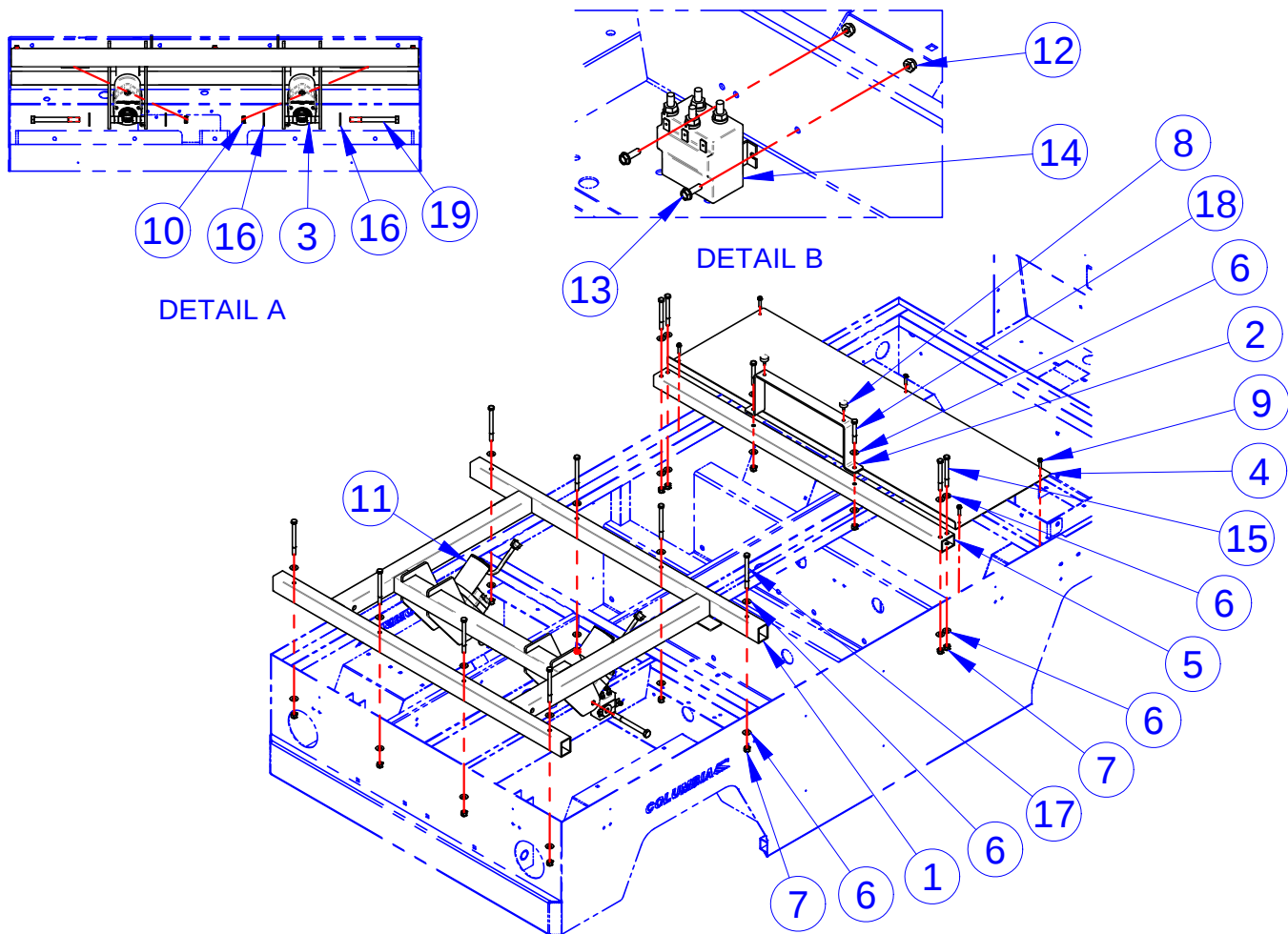


NOTE: Items with * in tables indicates parts not shown in drawing

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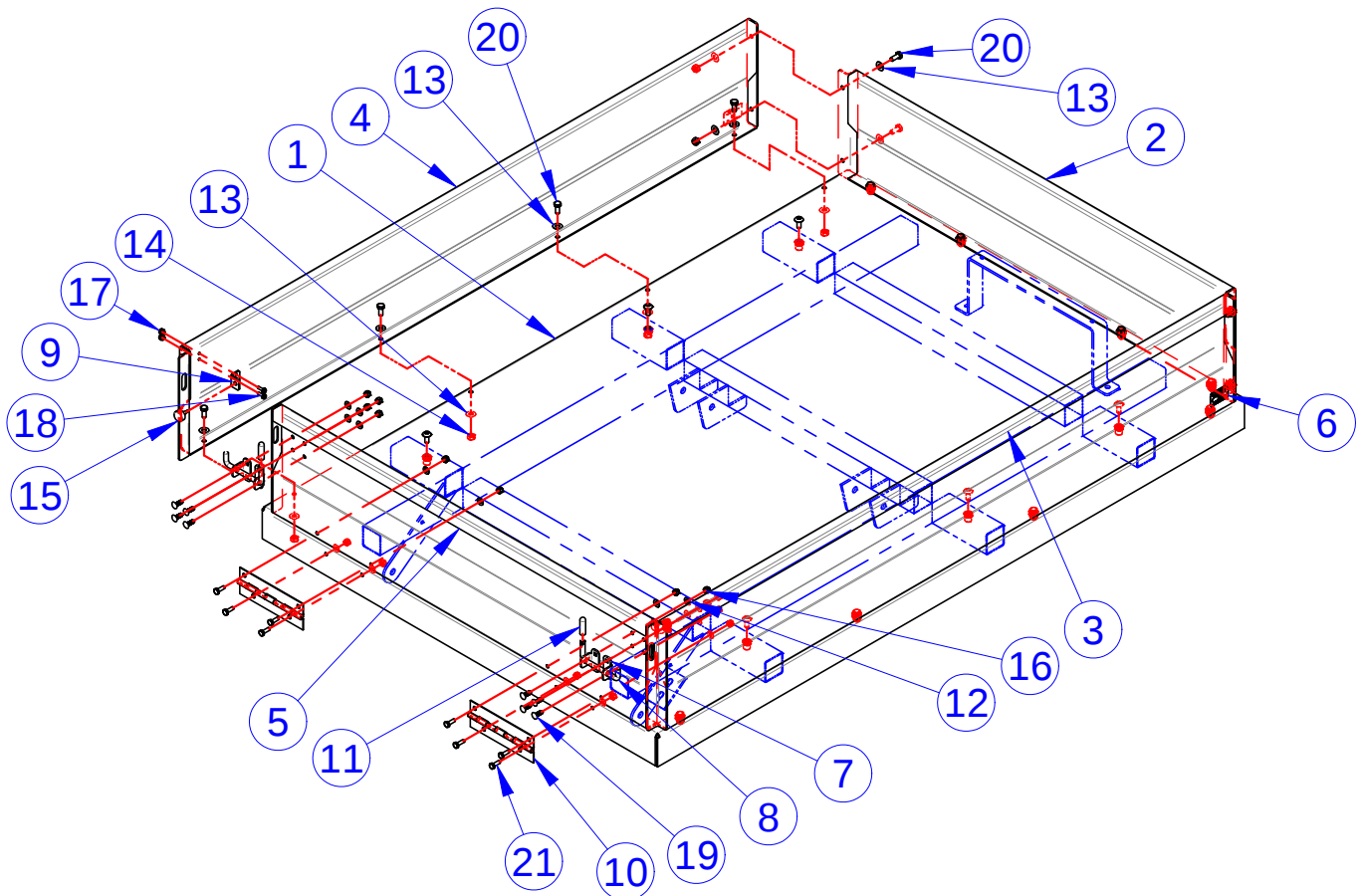
DUMP BOX, SUBFRAME



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG312242B	WLDMNT, BASE FRAME	1	312242
2	CVG515867	BRKT, DOWNSTOP BUMPER	1	515867
3	CVG515869	SPACER, BC/SU5 DUMP BED ACTUATOR	12	515869
4	CVG515870TB	COVER, BC DUMP BED	1	515870
5	CVG515877	TUBE, FRONT BUMPER SPRT	1	515877
6	CVG708859	WASHER, 3/8, STD, FW, 18-8SS	28	708859
7	CVG708860	NUT, 3/8-16, L/N, NYL, NE, 18-8, S/S	14	708860
8	CVG719519	BUMPER, 7/8 X 1.03 EPDM 70 DURO	2	719519
9	CVG719560	SCREW, HX HD, .25 x 1, THRD FRMNG	5	719560
10	CVG719878	NUT 1/2-13, GR A, NYLON LOCK JAM	2	719878
11	CVG761071	48V ACTUATOR, 12" STROKE	2	761071
12	CVG761631	NUT, #10-24 GRD 18-8 NM SS NYLOCK	2	761631
13	CVG761652	SCREW, 10-24X5/8, HWHTR, SS	2	761652
14	CVG761668	CONTACTOR, SEALED, 48V	1	761668
15	CVG782789	SCR, 3/8-16 X 3.75, HHCS, 18-8, S/S	4	782789
16	CVG782821	WASHER, 1/2X1.375OD, FW, ECOGUARD	4	782821
17	CVG782911	SCR, 3/8-16 X 4.25, HHCS, 18-8, S/S	8	782911
18	CVG783008	SCR, 3/8-16 X 2.75, HHCS, 18-8, S/S	2	783008
19	CVG783123	SCR, 1/2-13 X 5, HCS, G8, ECO	2	783123

NOTE: Items with * in tables indicates parts not shown in drawing

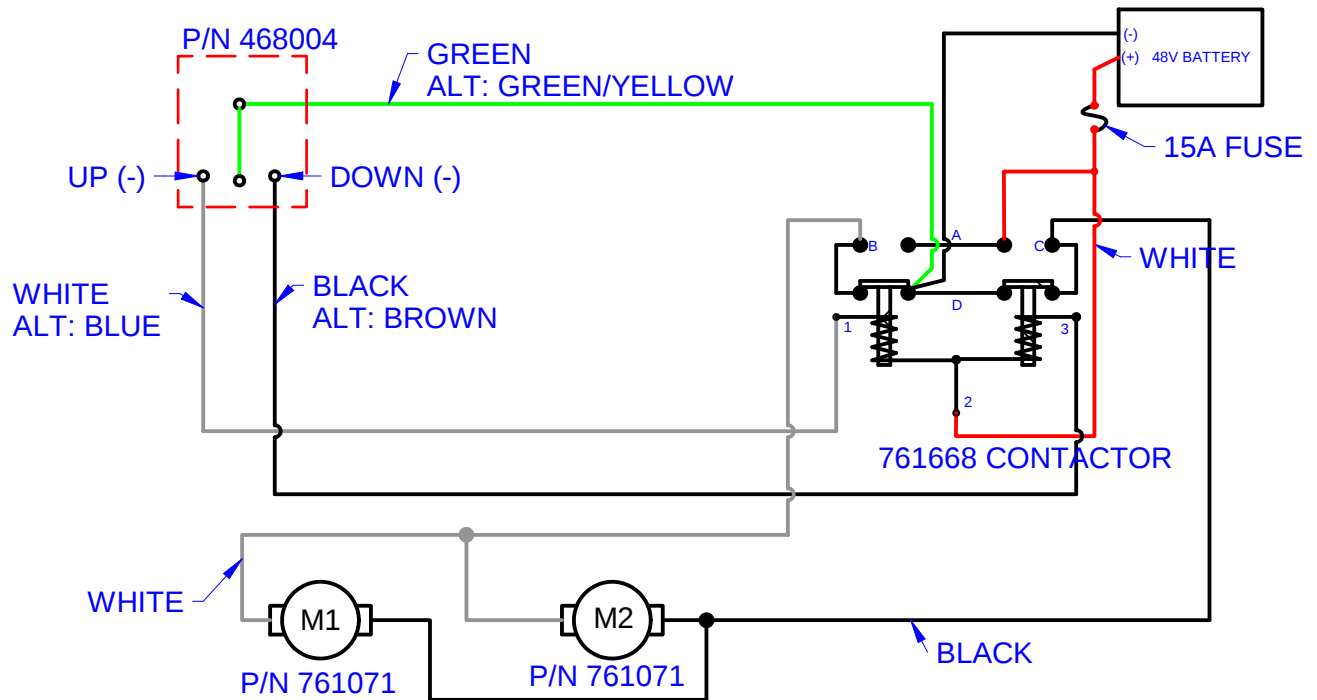
DUMP BOX, BOX ASSEMBLY



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG312244TB	BC DUMP BED	1	312244
2	CVG312245TB	WLDMNT, BC/SU5 DUMP BED F PANEL	1	312245
3	CVG312246TB	WLDMNT, BC DUMP BED PANEL RH	1	312246
4	CVG312247TB	WLDMNT, BC DUMP BOX PANEL LH	1	312247
5	CVG312248TB	WLDMNT, BC DUMP BED TAILGATE	1	312248
6	CVG507980	PINCH WARNING	4	507980
7	CVG515865TB	BRKT, LATCH	4	515865
8	CVG515866TB	HANDLE, LATCH	2	515866
9	CVG515868TB	BRKT, BC/SU5 TAILGATE STOP	2	515868
10	CVG516899	HINGE, SEAT	2	516899
11	CVG707613	END TIP, BLK	2	707613
12	CVG708511	WASHER, FLAT, 1/4", 18-8SS	16	708511
13	CVG719375	WSHR,5/16X0.750X0.040,F/W,18-8S/S	32	719375
14	CVG719377	NUT, 5/16-18, L/N, NYL, NE, 18-8SS	16	719377
15	CVG719519	BUMPER, 7/8 X 1.03 EPDM 70 DURO	4	719519
16	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	16	719876
17	CVG761631	NUT, #10-24 GRD 18-8 NM SS NYLOCK	6	761631
18	CVG761652	SCREW,10-24X5/8,HWHTR,SS	6	761652
19	CVG781739	SCR, 1/4-20 X 0.75, CARR, 18-8, S/S	8	781739
20	CVG782721	SCR, 5/16-18 X 0.75, HHCS, 18-8, S/S	16	782721
21	CVG782784	SCREW,1/4-20X3/4,HHCS,18-8SS	8	782784

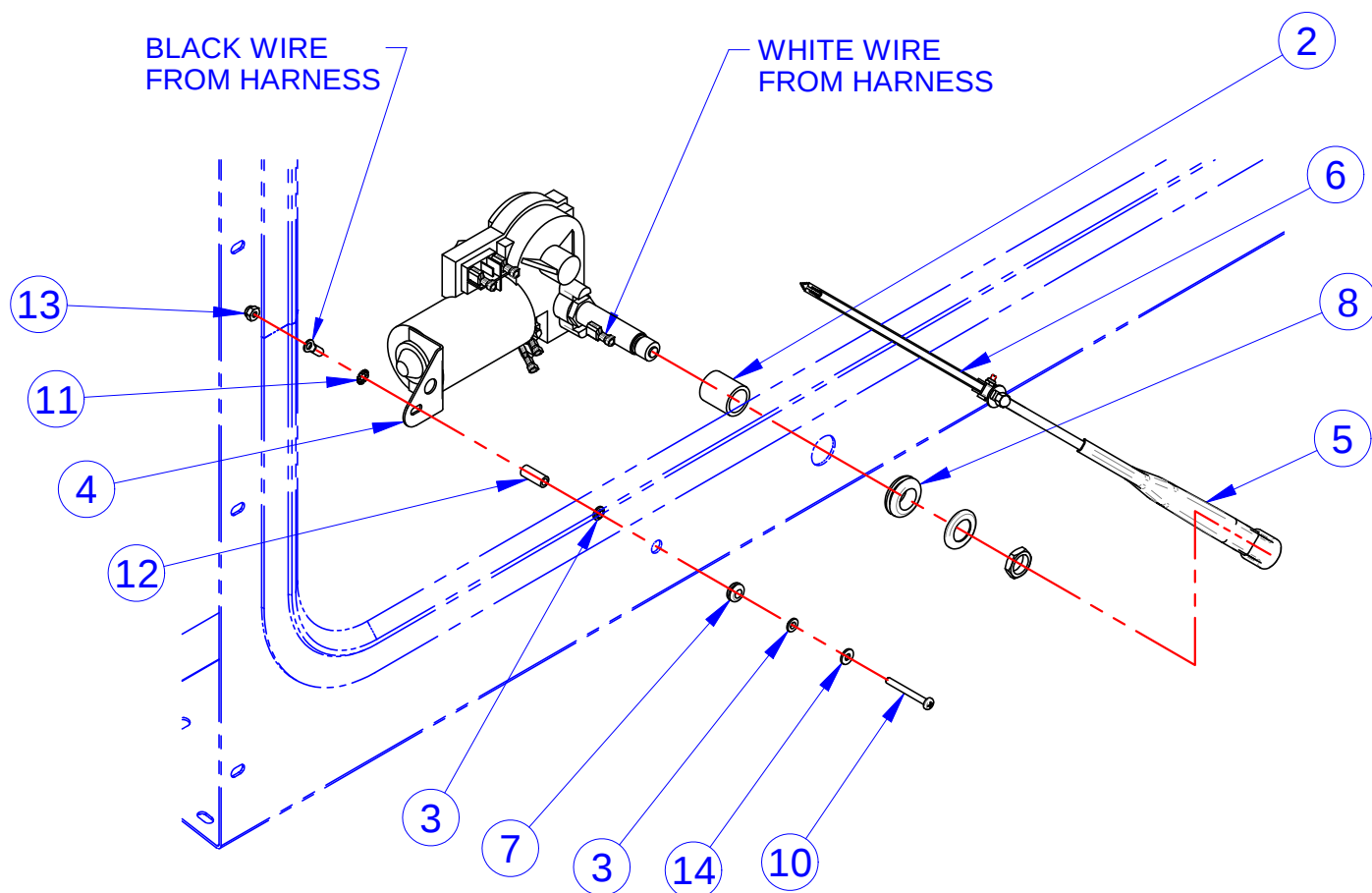
NOTE: Items with * in tables indicates parts not shown in drawing

DUMP BOX



NOTE: Items with * in tables indicates parts not shown in drawing

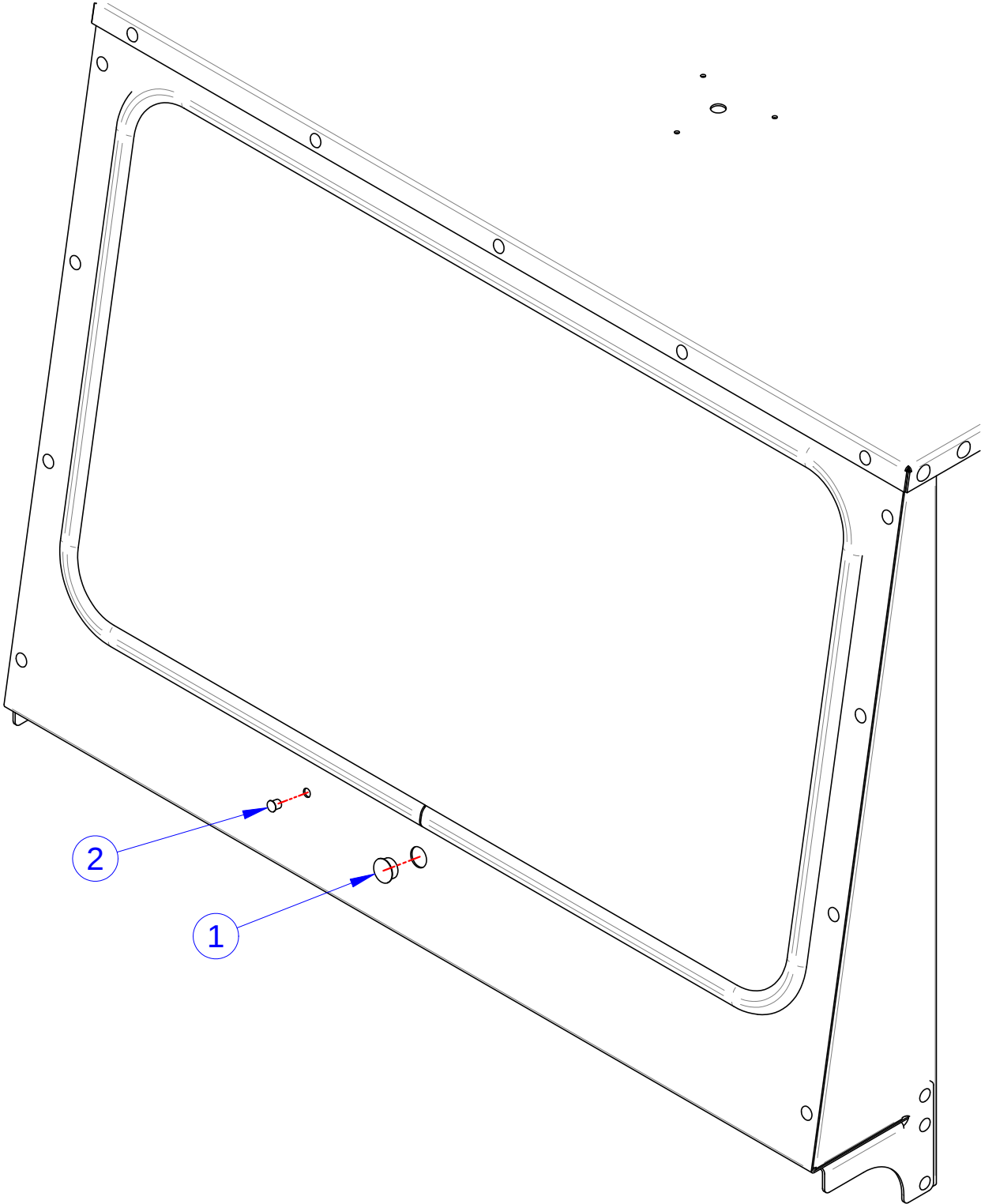
WINDSHIELD WIPER



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-14	CVG191275U	P&A KIT, BC WINDSHIELD WIPER	KIT	191275A
1*	CVG467407	HARNESS, BC WINDSHIELD WIPER	1	467407
2	CVG508993	WIPER SPACER	1	508993
3	CVG709362	NYLON BEARING	2	709362
4	CVG709592	MOTOR, WINDSHIELD WIPER	1	709592
5	CVG709790	ARM, WINDSHIELD WIPER	1	709790
6	CVG709791	BLADE, WINDSHIELD WIPER, 16"	1	709791
7	CVG719520	GROMMET, .25ID DELTA FLEX 2902	1	719520
8	CVG719529	GROMMET, 5/8X1-1/8X3/8 1/8GR	1	719529
9*	CVG719557	LOOM, .413 X .594, SPLIT	1	719557
10	CVG719572	SCREW,#8-32X1-1/2, PPH,M/S,YWZC	1	719572
11	CVG719851	WASHER LOCK #10 EXTERNAL TOOTH YWZC	1	719851
12	CVG759824	.313 OD X .194 ID X .75 LG SPACER - NYLON	1	759824
13	CVG761630	NUT, #8-32, NILN, 18-8, SS	1	761630
14	CVG782820	WASHER,#8X.438OD,SAE F/W,18-8 SS	1	782820

NOTE: Items with * in tables indicates parts not shown in drawing

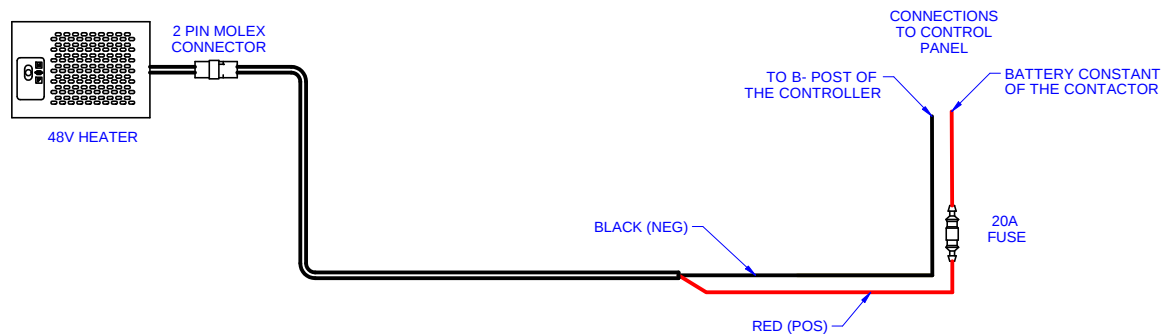
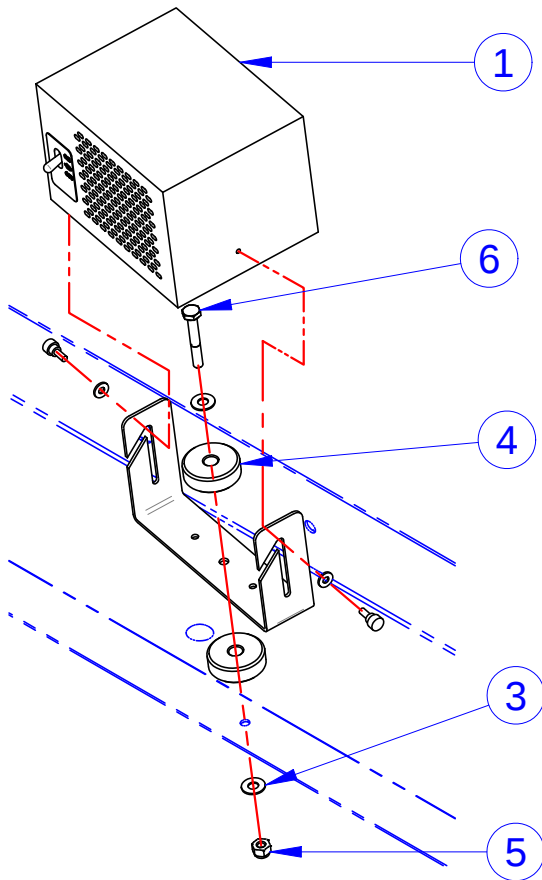
WINDSHIELD WIPER HOLE PLUGS



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG719362	HOLE PLUG, 7/8, BLACK	1	719362
2	CVG719363	HOLE PLUG, 3/8, BLACK	1	719363

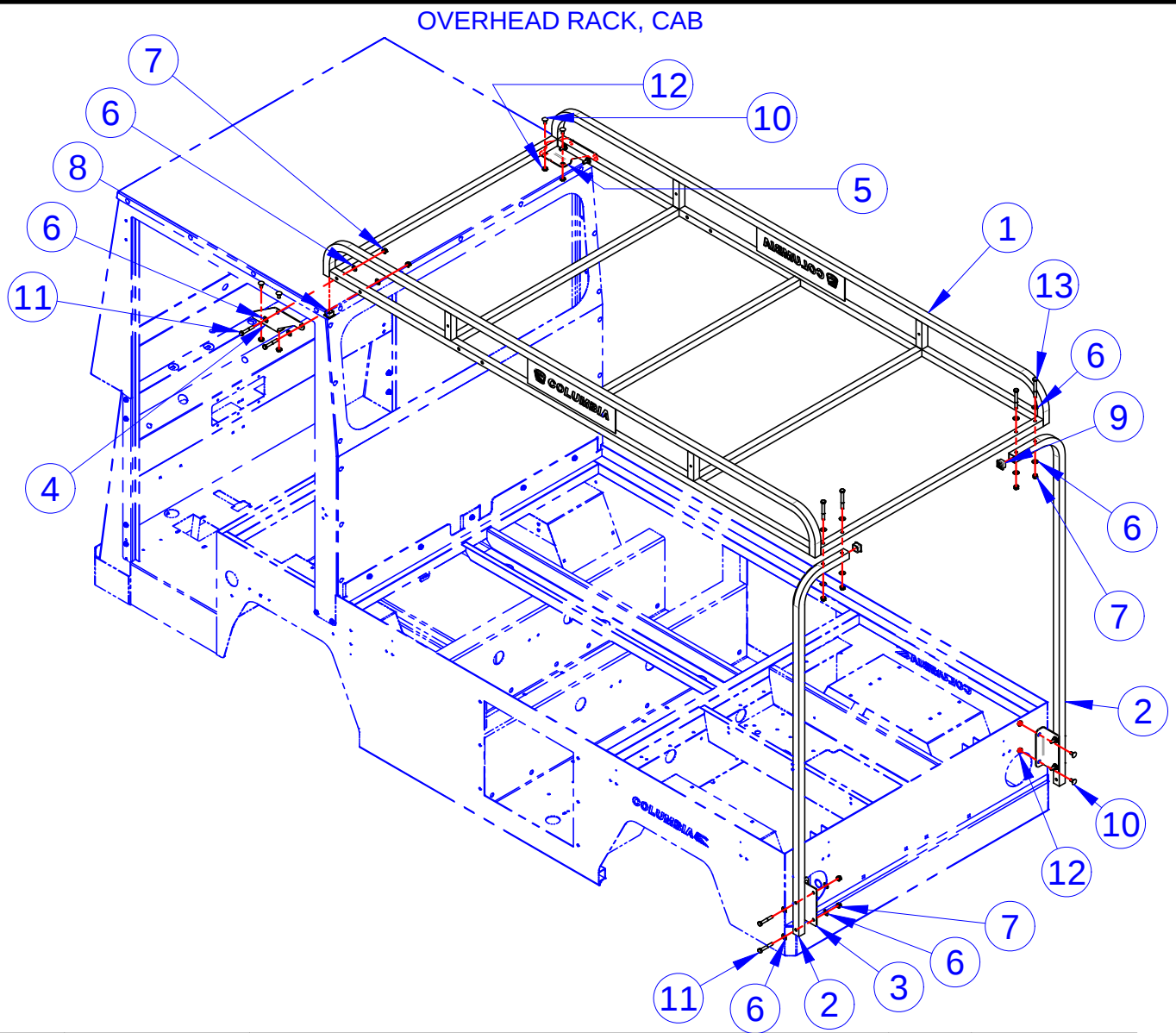
NOTE: Items with * in tables indicates parts not shown in drawing

HEATER



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-6	CVG193182U	P&A KIT,HEATER, 48V, PL	KIT	193182
1	CVG468200	HEATER, 48V, LESS HARNESS	1	467801
2*	CVG468200	HARNESS, BC HEATER, 48V	1	467802
3	CVG708511	WASHER, FLAT, 1/4", 18-8SS	2	708511
4	CVG719737	WASHER FLAT BLK DELRIN .375X1.5X.5	2	719737
5	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	1	719876
6	CVG782786	SCREW,1/4-20X1.75,HHSC,18-8SS	1	782786

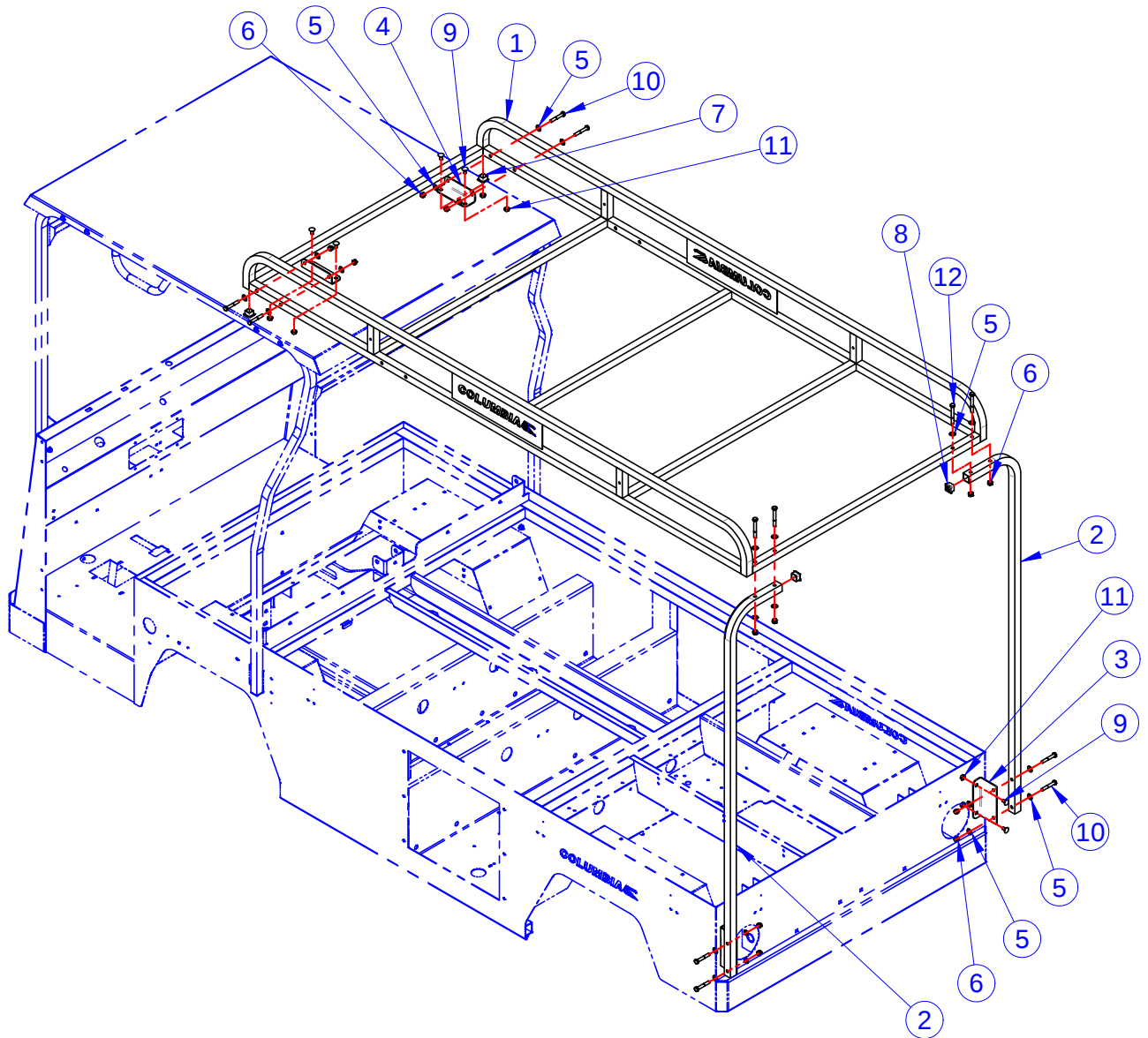
NOTE: Items with * in tables indicates parts not shown in drawing



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-13	CVG192584U	P&A, KIT, OVERHEAD RACK, CAB, PL	KIT	192584
1	CVG311556TB	WLDMT, OVERHEAD RACK	1	311556
2	CVG515175TB	TUBE, UPRIGHT, BC OVERHEAD RACK	2	515175
3	CVG515176TB	BRKT, REAR, BC OVERHEAD RACK	2	515176
4	CVG515177TB	BRKT, FRONT LH, OVERHEAD RACK, PL	1	515177
5	CVG515178TB	BRKT, FRONT RH, OVERHEAD RACK, PL	1	515178
6	CVG719375	WSHR,5/16X0.750X0.040,F/W,18-8S/S	24	719375
7	CVG719377	NUT, 5/16-18, L/N, NYL, NE, 18-8SS	12	719377
8	CVG719525	CAPLUG, 3/4 SQ, FP-161	2	719525
9	CVG719526	CAPLUG, 7/8 SQ, FP-165	2	719526
10	CVG761642	SCREW,5/16-18-5/8,CARR,18-8 SS	8	761642
11	CVG782298	SCR, 5/16-18 X 2, HHCS, 18-8, S/S	8	782298
12	CVG782543	NUT,5/16-18,FLG,C-L/N,GF,MAGNI575WX	8	782543
13	CVG782714	SCR, 5/16-18 X 2.5, HHCS, 18-8, S/S	4	782714

NOTE: Items with * in tables indicates parts not shown in drawing

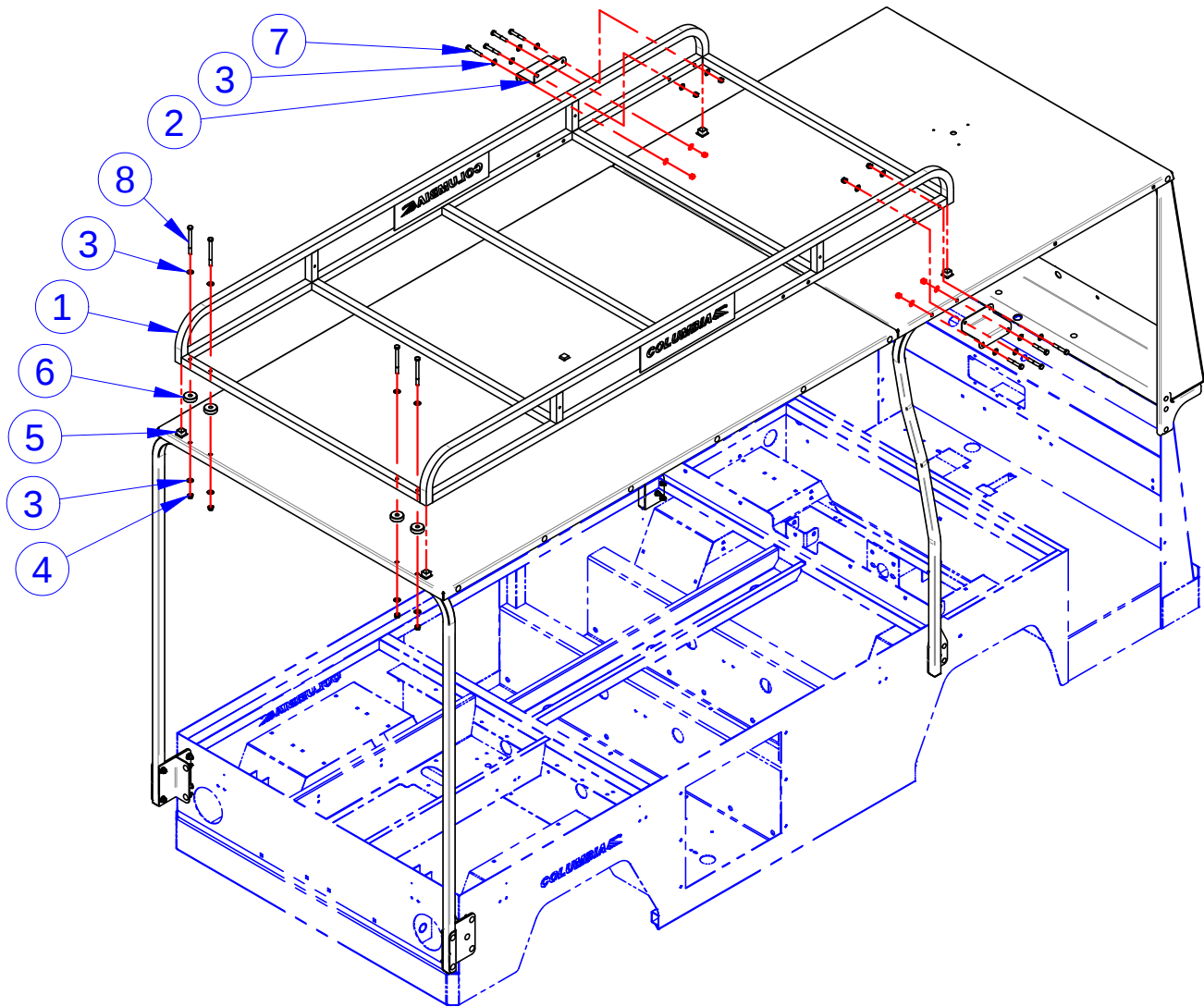
OVERHEAD RACK, TOP



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-12	CVG192585U	P&A, KIT, OVERHEAD RACK/SUNTOP, PL	KIT	192858
1	CVG311556TB	WLDMT, OVERHEAD RACK	1	311556
2	CVG515175TB	TUBE, UPRIGHT, BC OVERHEAD RACK	2	515175
3	CVG515176TB	BRKT, REAR, BC OVERHEAD RACK	2	515176
4	CVG515179TB	BRKT, FRONT, BC OVERHEAD RACK	2	515179
5	CVG719375	WSHR, 5/16X0.750X0.040, F/W, 18-8S/S	24	719375
6	CVG719377	NUT, 5/16-18, L/N, NYL, NE, 18-8SS	12	719377
7	CVG719525	CAPLUG, 3/4 SQ, FP-161	2	719525
8	CVG719526	CAPLUG, 7/8 SQ, FP-165	2	719526
9	CVG761642	SCREW, 5/16-18-5/8, CARR, 18-8 SS	8	761642
10	CVG782298	SCR, 5/16-18 X 2, HHCS, 18-8, S/S	8	782298
11	CVG782543	NUT, 5/16-18, FLG, C-L/N, GF, MAGN1575WX	8	782543
12	CVG782714	SCR, 5/16-18 X 2.5, HHCS, 18-8, S/S	4	782714

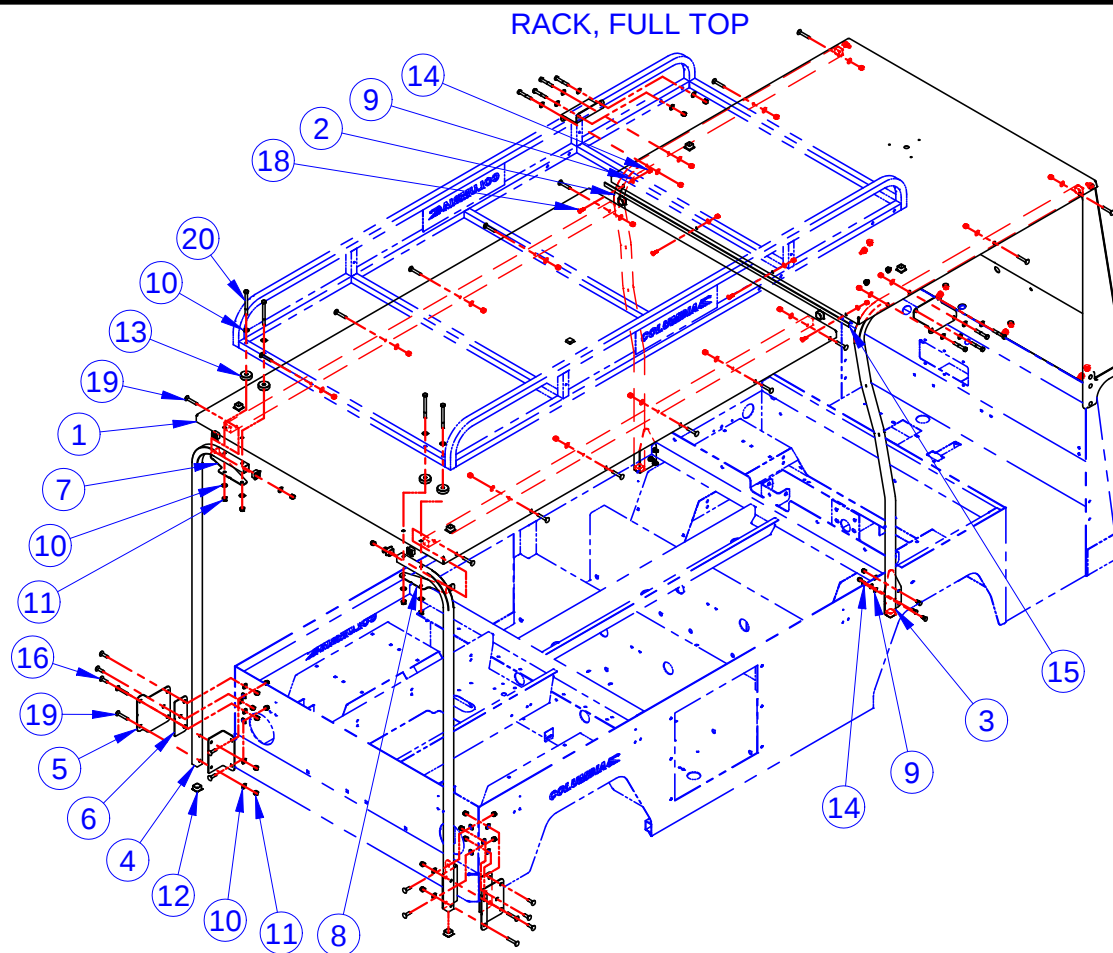
NOTE: Items with * in tables indicates parts not shown in drawing

RACK, FULL TOP



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-8	CVG192753U	P&A, FULL TOP W/RACK, BLK, PL	KIT	192753
1	CVG311556TB	WLDMT, OVERHEAD RACK	1	311556
2	CVG515922TB	BRKT, RACK MT, PAYLOADER	2	515922
3	CVG719375	WSHR,5/16X0.750X0.040,F/W,18-8S/S	24	719375
4	CVG719377	NUT, 5/16-18, L/N, NYL, NE, 18-8SS	12	719377
5	CVG719525	CAPLUG, 3/4 SQ, FP-161	4	719525
6	CVG719737	WASHER FLAT BLK DELRIN .375X1.5X.5	4	719737
7	CVG782298	SCR, 5/16-18 X 2, HHCS, 18-8, S/S	8	782298
8	CVG783053	SCR, 5/16-18 X 3.5, HHCS, 18-8, S/S	4	783053

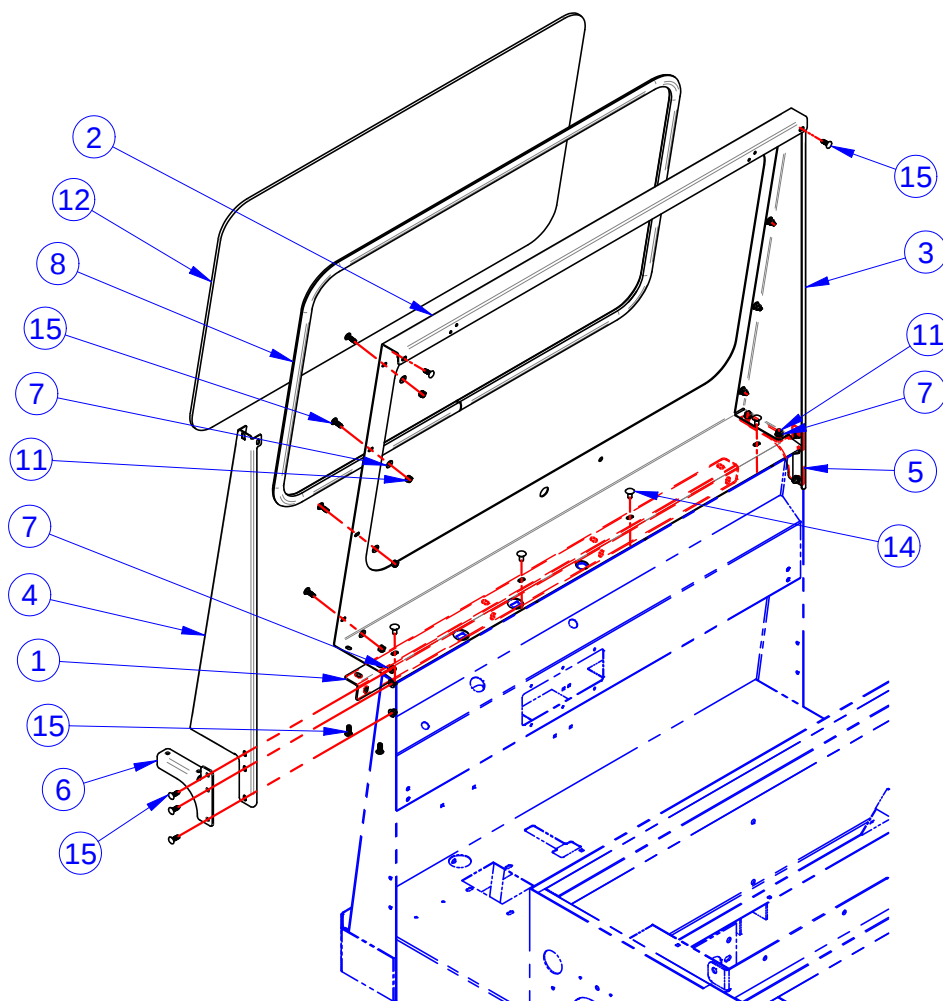
NOTE: Items with * in tables indicates parts not shown in drawing



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-20	CVG192753U	P&A, FULL TOP W/RACK, BLK, PL	KIT	192753
1	CVG312259TB	WLDMT, EXT ROOF PANEL, BC TOP	1	312259
2	CVG314597TB	WLDMT, OPERATOR TOP TUBE, LH, PL	1	314597
3	CVG314598TB	WLDMT, OPERATOR TOP TUBE, RH, PL	1	314598
4	CVG515919TB	TUBE, REAR UPRIGHT, BC TOP	2	515919
5	CVG518186TB	BRKT, CARGO TOP TUBE SPRT	2	518186
6	CVG518187TB	SPACER, CARGO TOP TUBE SPRT	2	518187
7	CVG518188TB	BRKT, CARGO TOP SPRT, LH	1	518188
8	CVG518189TB	BRKT, CARGO TOP SPRT, RH	1	518189
9	CVG708511	WASHER, FLAT, 1/4", 18-8SS	4	708511
10	CVG719375	WSHR, 5/16X0.750X0.040, F/W, 18-8S/S	64	719375
11	CVG719377	NUT, 5/16-18, L/N, NYL, NE, 18-8SS	52	719377
12	CVG719526	CAPLUG, 7/8 SQ, FP-165	12	719526
13	CVG719737	WASHER FLAT BLK DELRIN .375X1.5X.5	4	719737
14	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	8	719876
15	CVG739272	TAPE, FOAM, 1/8 X 1/2, 45" LONG	1	739272
16	CVG761292	SCR, 5/16-18X1.0, CARR, 18-8S/S	16	761292
17*	CVG761642	SCREW, 5/16-18-5/8, CARR, 18-8 SS	4	761642
18	CVG781739	SCR, 1/4-20 X 0.75, CARR, 18-8, S/S	11	781739
19	CVG783051	SCR, 5/16-18 X 1.75, CB, 18-8, SS	20	783051
20	CVG783053	SCR, 5/16-18 X 3.5, HHCS, 18-8, S/S	4	783053

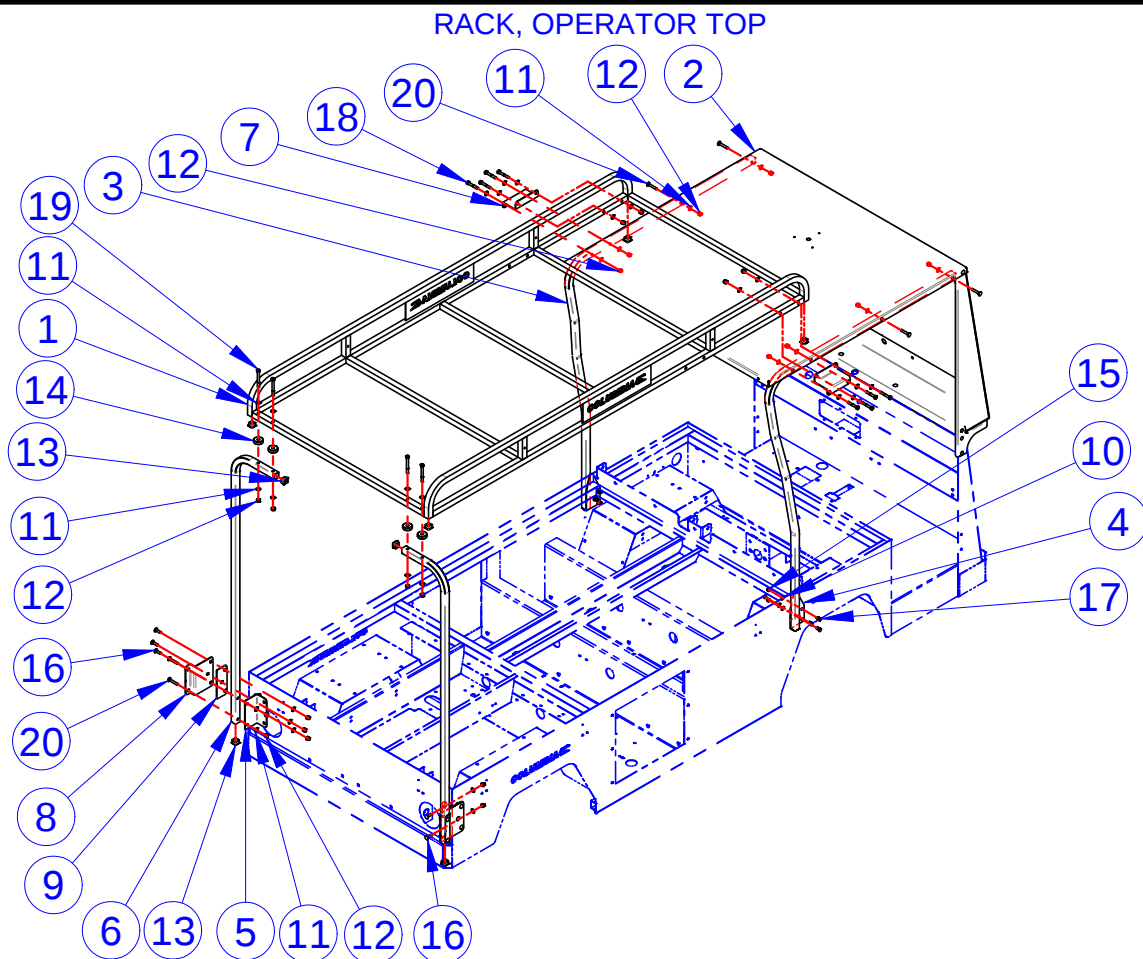
NOTE: Items with * in tables indicates parts not shown in drawing

RACK, FULL TOP



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG511225	BRKT, ATTCHMT - CAB FRONT	1	511225
2	CVG515911	PANEL, FRONT, BC TOP	1	515911
3	CVG515912	PANEL, TOP, RH	1	515912
4	CVG515913	PANEL, TOP, LH	1	515913
5	CVG516235TB	BRKT, TOP SPRT, RH	1	516235
6	CVG516236TB	BRKT, TOP SPRT, LH	1	516236
7	CVG708511	WASHER, FLAT, 1/4", 18-8SS	20	708511
8	CVG719163	WEATHER STRIPPING, SELF-SEALING, 126" LG	11	719163
9*	CVG719375	WSHR, 5/16X0.750X0.040, F/W, 18-8S/S	8	719375
10*	CVG719377	NUT, 5/16-18, L/N, NYL, NE, 18-8SS	8	719377
11	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	20	719876
12	CVG468089	WINDSHIELD, GLASS, FR - MVP	1	760450
13*	CVG761292	SCR, 5/16-18X1.0, CARR, 18-8S/S	4	761292
14	CVG761642	SCREW, 5/16-18-5/8, CARR, 18-8 SS	4	761642
15	CVG781739	SCR, 1/4-20 X 0.75, CARR, 18-8, S/S	20	781739

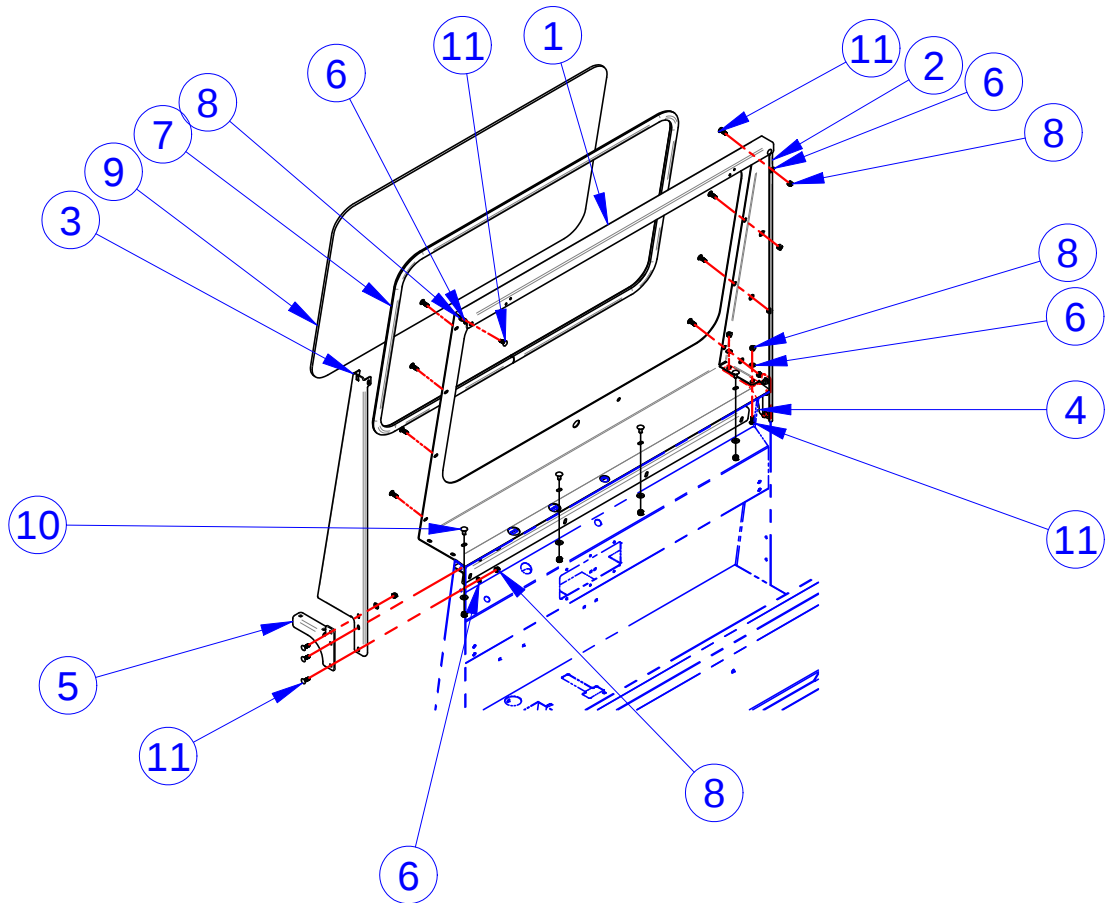
NOTE: Items with * in tables indicates parts not shown in drawing



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-20	CVG192762U	P&A, OPER TOP W/RACK BLK, PL	KIT	192762
1	CVG311556TB	WLDMT, OVERHEAD RACK	1	311556
2	CVG312256TB	WLDMT, ROOF PANEL, BC TOP	1	312256
3	CVG314597TB	WLDMT, OPERATOR TOP TUBE, LH, PL	1	314597
4	CVG314598TB	WLDMT, OPERATOR TOP TUBE, RH, PL	1	314598
5	CVG515918TB	BRKT, REAR UPRIGHT, BC TOP	1	515918
6	CVG515919TB	TUBE, REAR UPRIGHT, BC TOP	1	515919
7	CVG515922TB	BRKT, RACK MT, PAYLOADER	1	515922
8	CVG518186TB	BRKT, CARGO TOP TUBE SPRT	1	518186
9	CVG518187TB	SPACER, CARGO TOP TUBE SPRT	1	518187
10	CVG708511	WASHER, FLAT 1/4" 18-8 SS	6	708511
11	CVG719375	WSHR, 5/16X0.75X0.040, F/W, 18-8S/S	34	719375
12	CVG719377	NUT, 5/16-18, L/N, NYL, NE, 18-8, S/S	30	719377
13	CVG719526	CAPLUG, 7/8 SQ, FP-165	8	719526
14	CVG719737	WASHER FLAT BLK DELRIN .375X1.5X.5	4	719737
15	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	6	719876
16	CVG761292	SCR, 5/16-18X1.0, CARR, 18-8S/S	10	761292
17	CVG781739	SCR, 1/4-20 X 0.75, CARR, 18-8, S/S	6	781739
18	CVG782298	SCR, 5/16-18 X 2, HHCS, 18-8, S/S	8	782298
19	CVG782717	SCR, 5/16-18 X 3, HHCS, 18-8, S/S	4	782717
20	CVG783051	SCR, 5/16-18 X 1.75, CB, 18-8, SS	8	783051

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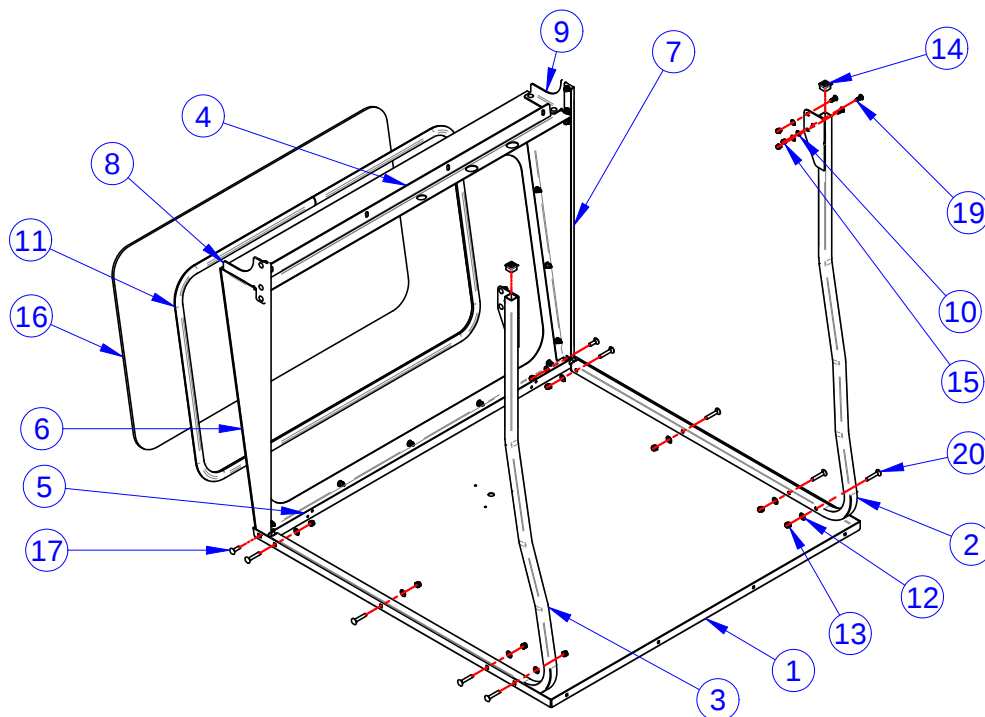
RACK, OPERATOR TOP



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-11	CVG192762U	P&A KIT, OPER TOP / RACK, BLACK, PL	KIT	192762
1	CVG515911	PANEL, FRONT, BC TOP	1	515911
2	CVG515912	PANEL, TOP, RH	1	515912
3	CVG515913	PANEL, TOP, LH	1	515913
4	CVG516235TB	BRKT, TOP SPRT, RH	1	516235
5	CVG516236TB	BRKT, TOP SPRT, LH	1	516236
6	CVG708511	WASHER, FLAT, 1/4", 18-8SS	29	708511
7	CVG719163	WEATHER STRIPPING, SELF-SEALING, 126" LG	11	719163
8	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	27	719876
9	CVG468089	WINDSHIELD, GLASS, FR - MVP	1	760450
10	CVG761642	SCREW, 5/16-18-5/8, CARR, 18-8 SS	4	761642
11	CVG781739	SCR, 1/4-20 X 0.75, CARR, 18-8, S/S	22	781739

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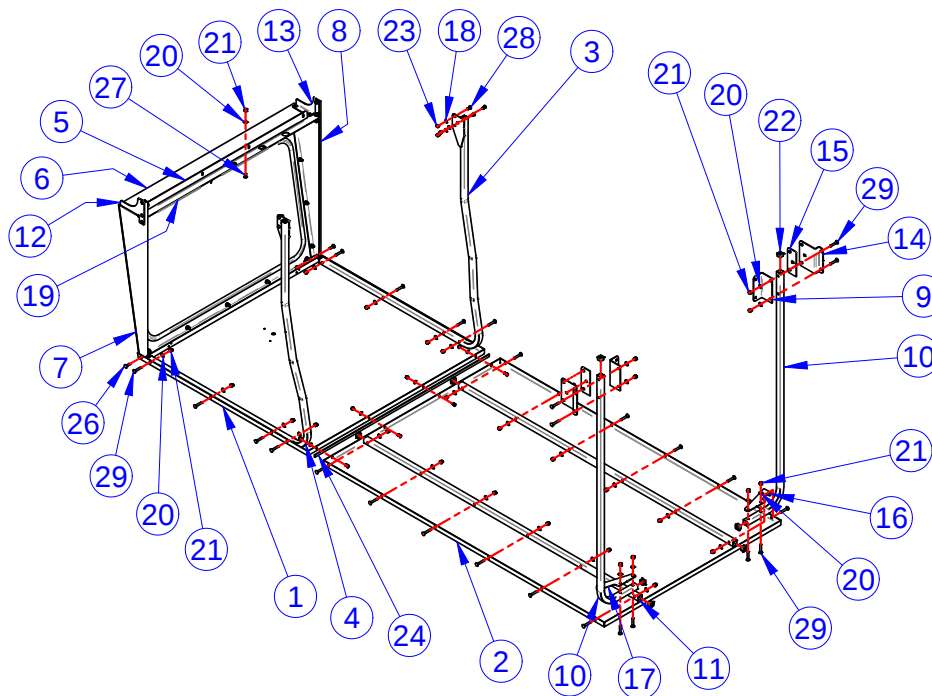
OPERATOR TOP



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-20	CVG192751U	P&A, OPERATOR TOP, BLK, PL	KIT	192751
1	CVG312256TB	WLDMT, ROOF PANEL, BC TOP	1	312256
2	CVG314597TB	WLDMT, OPERATOR TOP TUBE, LH, PL	1	314597
3	CVG314598TB	WLDMT, OPERATOR TOP TUBE, RH, PL	1	314598
4	CVG511225	BRKT, ATTCHMT - CAB FRONT	1	511225
5	CVG515911	PANEL, FRONT, BC TOP	1	515911
6	CVG515912	PANEL, TOP, RH	1	515912
7	CVG515913	PANEL, TOP, LH	1	515913
8	CVG516235TB	BRKT, TOP SPRT, RH	1	516235
9	CVG516236TB	BRKT, TOP SPRT, LH	1	516236
10	CVG708511	WASHER, FLAT 1/4" 18-8 SS	31	708511
11	CVG719163	WEATHER STRIPPING, SELF-SEALING, 126" LG	11	719163
12	CVG719375	WSHR,5/16X0.750X0.040,F/W,18-8S/S	18	719375
13	CVG719377	NUT, 5/16-18, L/N, NYL, NE, 18-8, S/S	18	719377
14	CVG719526	CAPLUG, 7/8 SQ, FP-165	4	719526
15	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	31	719876
16	CVG468089	WINDSHIELD, GLASS, FR - MVP	1	760450
17	CVG761292	SCR,5/16-18X1.0,CARR,18-8S/S	6	761292
18*	CVG761642	SCREW,5/16-18-5/8,CARR,18-8 SS	4	761642
19	CVG781739	SCR, 1/4-20 X 0.75, CARR, 18-8, S/S	31	781739
20	CVG783051	SCR, 5/16-18 X 1.75, CB, 18-8, SS	8	783051

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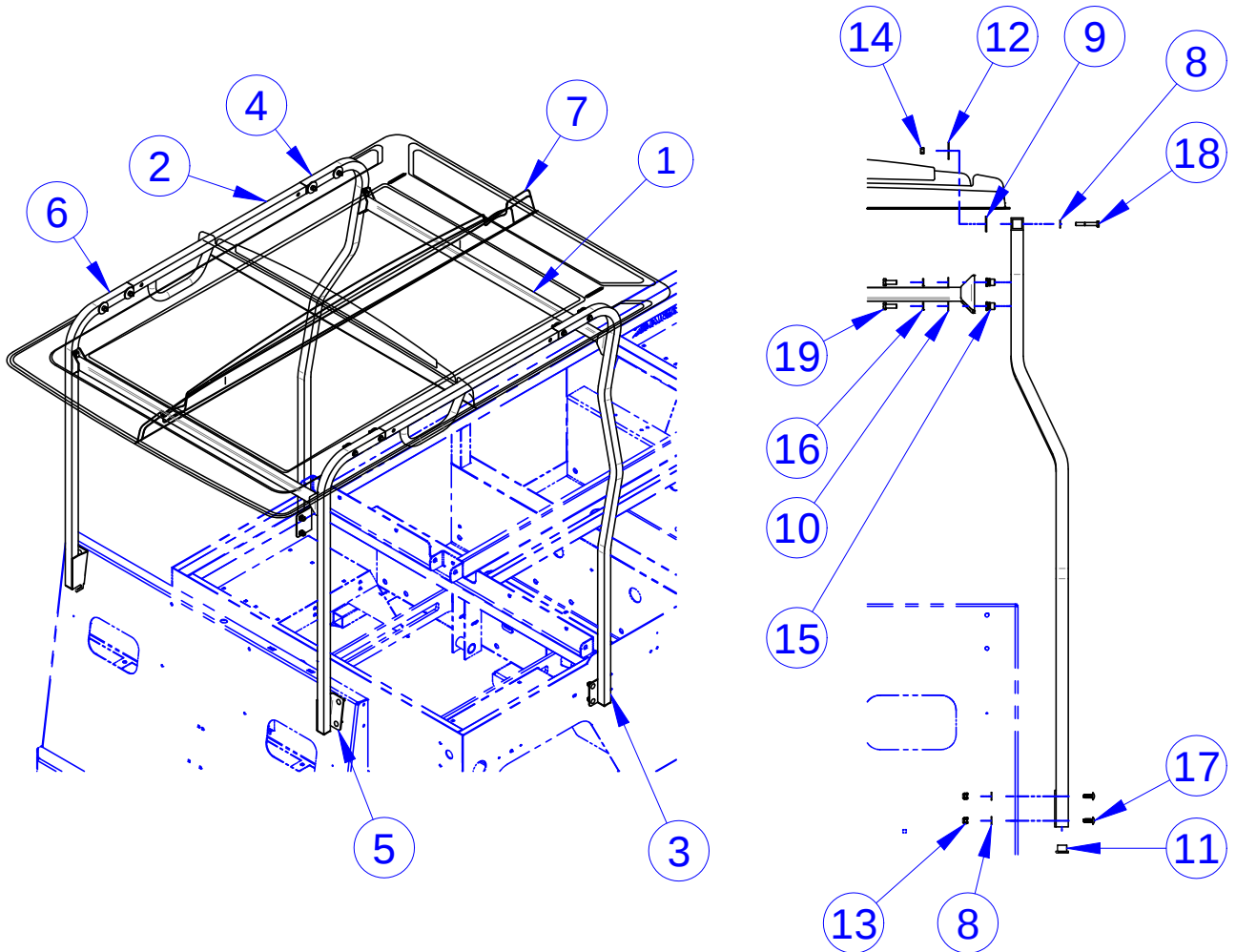
FULL TOP



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-29	CVG192752U	P&A, FULL TOP, BLK	KIT	192752
1	CVG312256TB	WLDMT, ROOF PANEL, BC TOP	1	312256
2	CVG312259TB	WLDMT, EXT ROOF PANEL, BC TOP	1	312259
3	CVG314597TB	WLDMT, OPERATOR TOP TUBE, LH, PL	1	314597
4	CVG314598TB	WLDMT, OPERATOR TOP TUBE, RH, PL	1	314598
5	CVG511225	BRKT, ATTCHMT - CAB FRONT	1	511225
6	CVG515911	PANEL, FRONT, BC TOP	1	515911
7	CVG515912	PANEL, TOP, RH	1	515912
8	CVG515913	PANEL, TOP, LH	1	515913
9	CVG515918TB	BRKT, REAR UPRIGHT, BC TOP	2	515918
10	CVG515919TB	TUBE, REAR UPRIGHT, BC TOP	2	515919
11	CVG515921TB	TUBE, EXT ROOF, BC TOP	2	515921
12	CVG516235TB	BRKT, TOP SPRT, RH	1	516235
13	CVG516236TB	BRKT, TOP SPRT, LH	1	516236
14	CVG518186TB	BRKT, CARGO TOP TUBE SPRT	2	518186
15	CVG518187TB	SPACER, CARGO TOP TUBE SPRT	2	518187
16	CVG518188TB	BRKT, CARGO TOP SPRT, LH	1	518188
17	CVG518189TB	BRKT, CARGO TOP SPRT, RH	1	518189
18	CVG708511	WASHER, FLAT, 1/4", 18-8SS	35	708511
19	CVG719163	WEATHER STRIPPING, SELF-SEALING, 126" LG	10.5	719163
20	CVG719375	WSHR, 5/16X0.750X0.040, F/W, 18-8S/S	48	719375
21	CVG719377	NUT, 5/16-18, L/N, NYL, NE, 18-8SS	48	719377
22	CVG719526	CAPLUG, 7/8 SQ, FP-165	12	719526
23	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	35	719876
24	CVG739272	TAPE, FOAM, 1/8 X 1/2, 45" LONG	3.75	739272
25*	CVG468089	WINDSHIELD, GLASS, FR - MVP	1	760450
26	CVG761292	SCR, 5/16-18X1.0, CARR, 18-8S/S	16	761292
27	CVG761642	SCREW, 5/16-18-5/8, CARR, 18-8 SS	4	761642
28	CVG781739	SCR, 1/4-20 X 0.75, CARR, 18-8, S/S	35	781739
29	CVG783051	SCR, 5/16-18 X 1.75, CB, 18-8, SS	28	783051

NOTE: Items with * in tables indicates parts not shown in drawing

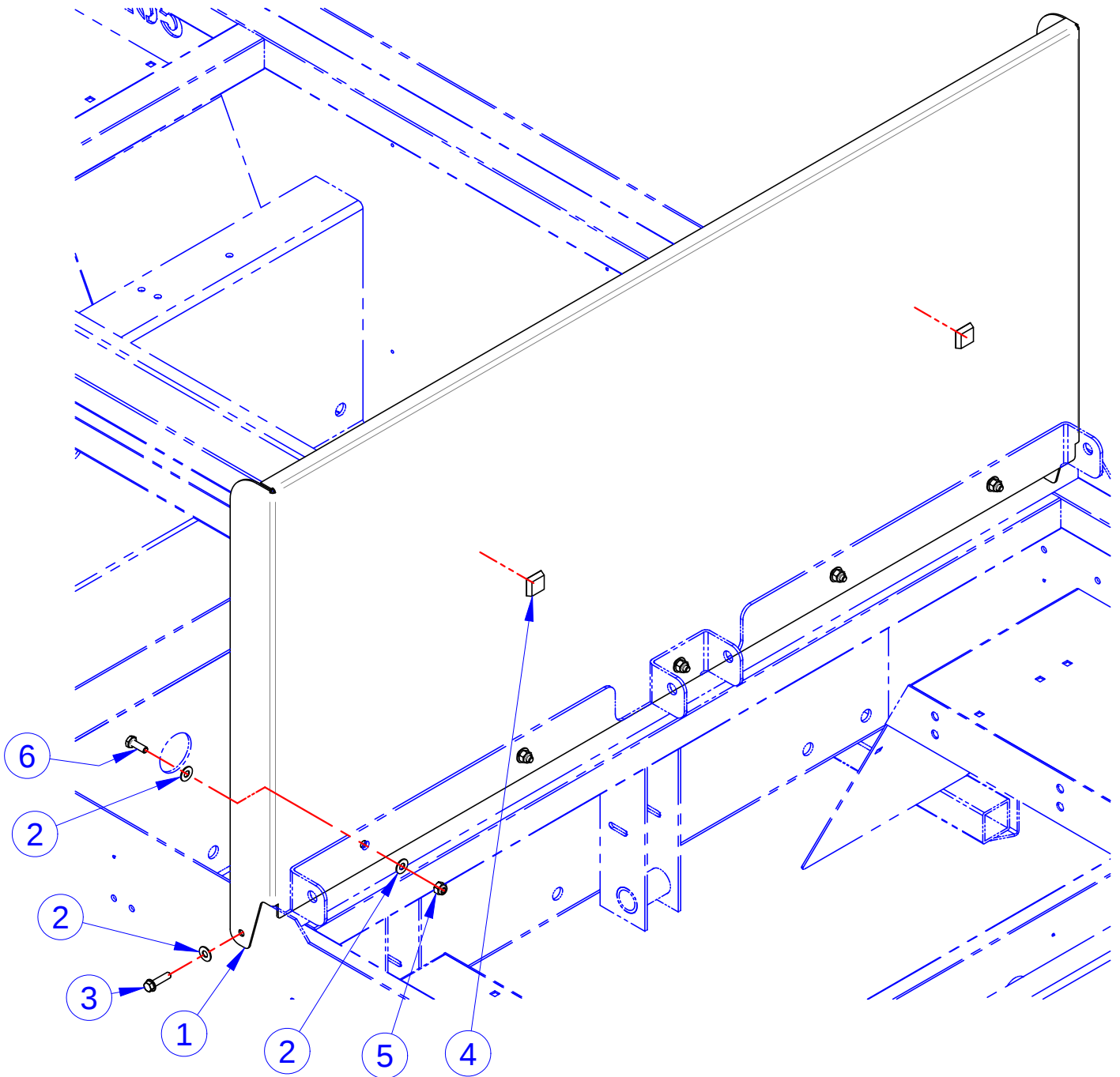
SUNTOP, 63"



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG307854	WLDMT, SE CROSSBRACE, UPPER	2	307854
2	CVG307856EP	SUNTOP HANDLE, EP	2	307856EP
3	CVG311576TB	WLDMT, TUBE, LH REAR BC SUNTOP	1	311576
4	CVG311577TB	WLDMT, TUBE, RH REAR BC SUNTOP	1	311577
5	CVG311578TB	WLDMT, TUBE, LH FRONT BC SUNTOP	1	311578
6	CVG311579TB	WLDMT, TUBE, RH FRONT BC SUNTOP	1	311579
7	CVG464764	MACH, RAINDRAIN, P4 BRT WHT	1	464764
	CVG468116	P&A MACH RAINDRAIN P4/UTL BLK 78DEG	1	468116
8	CVG708511	WASHER, FLAT, 1/4", 18-8SS	16	708511
9	CVG709003	WASHER,.34"X1.25"X.09",NEOPRENE	8	709003
10	CVG719375	WSHR,5/16X0.75X0.040,F/W,18-8S/S	8	719375
11	CVG719525	CAPLUG, 3/4 SQ, FP-161	4	719525
12	CVG719786	WASHER FLT STAINLESS .28X1.375X.06	8	719786
13	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	8	719876
14	CVG719894	NUT, 1/4-20 GR B TOP LOCK BLK ZINC	8	719894
15	CVG719929	NUT,5/16-18,RIV,KNRLD,0.027-0.150,YWZC	8	719929
16	CVG781621	WSHR, 5/16, L/W, SPLIT, 18-8, S/S	8	781621
17	CVG781739	SCR, 1/4-20 X 0.75, CARR, 18-8, S/S	8	781739
18	CVG782786	SCREW,1/4-20X1.75,HHSC,18-8SS	8	782786
19	CVG782834	SCREW,5/16-18X7/8,HHSC,18-8SS	8	782834

NOTE: Items with * in tables indicates parts not shown in drawing

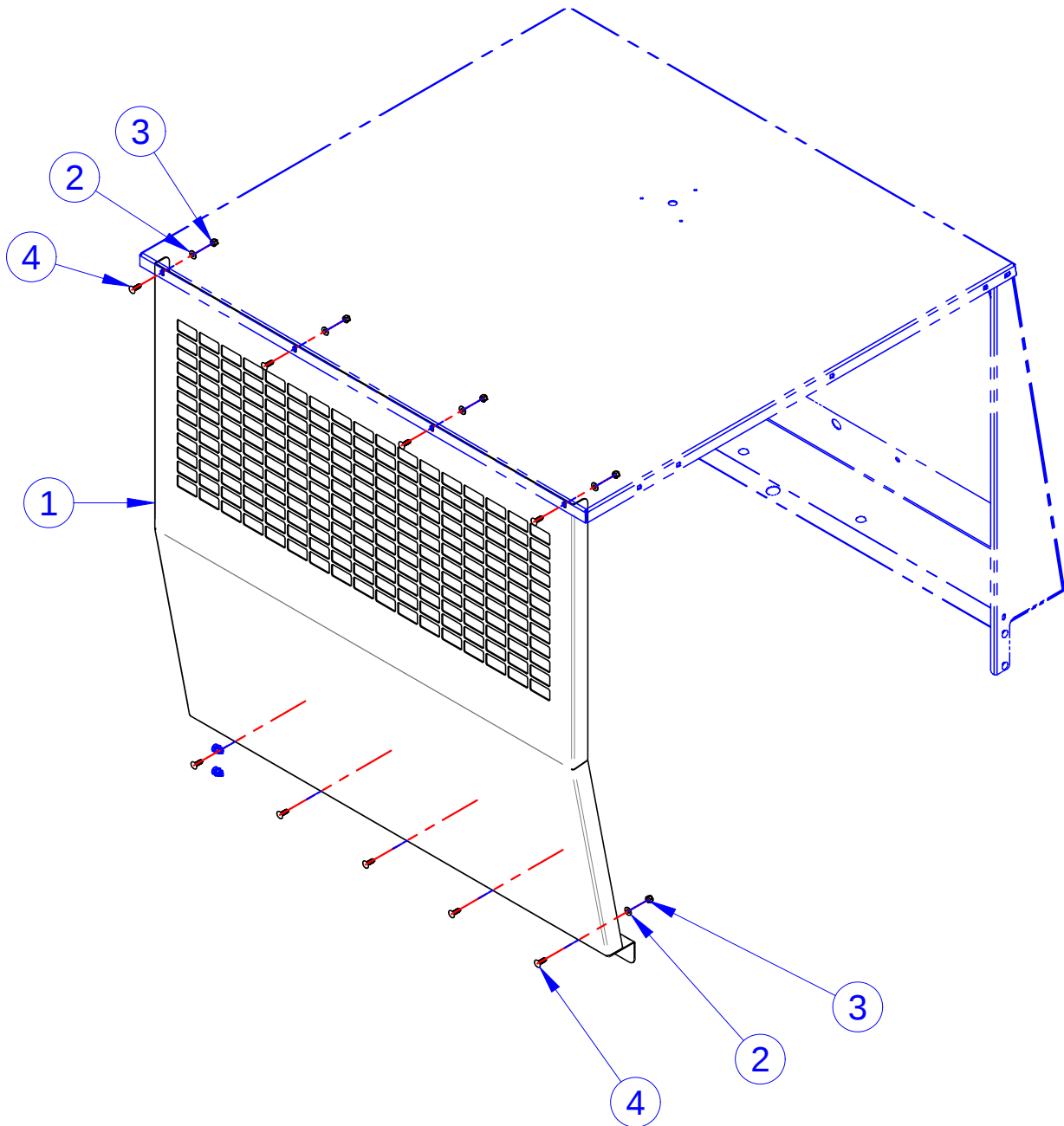
STEEL BULKHEAD



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-6	CVG191422U	P&A KIT, PL BULKHEAD	KIT	191422
1	CVG310731TB	PANEL, BULKHEAD, PL	1	310731
2	CVG708511	WASHER, FLAT, 1/4", 18-8SS	12	708511
3	CVG719560	SCREW, HX HD, .25 x 1, THRD FRMNG	2	719560
4	CVG719738	BUMPER BLACK 3M#SJ5023	2	719738
5	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	5	719876
6	CVG782784	SCREW, 1/4-20X3/4, HHCS, 18-8SS	5	782784

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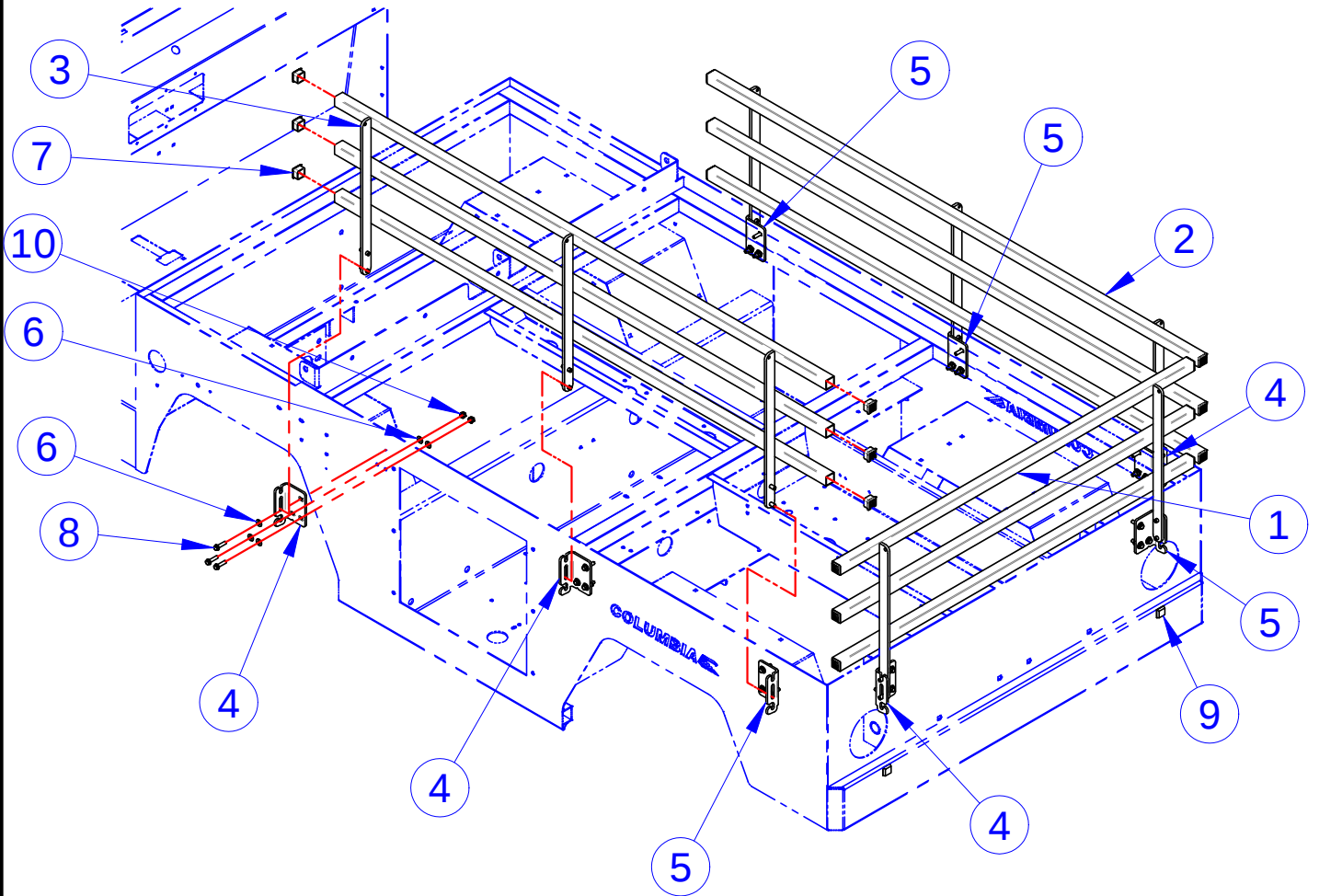
BULKHEAD/ REAR SCREEN



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-4	CVG192755U	P&A, GROUP, BULKHEAD, TOP, PL	KIT	192755
1	NONE	WLDMT, BULKHEAD, BC TOP	1	312260
2	CVG708511	WASHER, FLAT, 1/4", 18-8SS	9	708511
3	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	9	719876
4	CVG781739	SCR, 1/4-20 X 0.75, CARR, 18-8, S/S	9	781739

NOTE: Items with * in tables indicates parts not shown in drawing

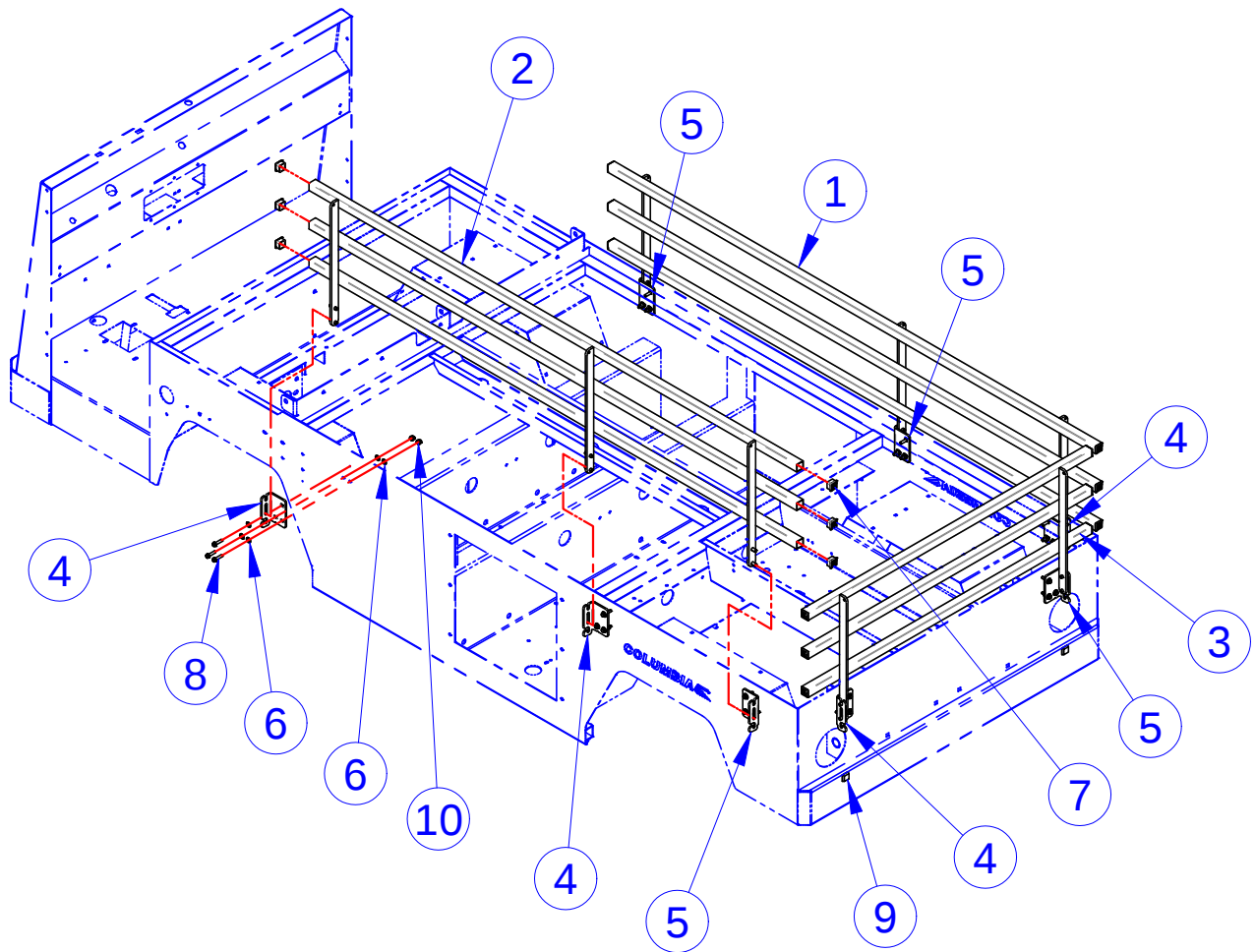
13" FOLDING SIDES, SHORT



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-10	CVG192383U	P&A KIT, 13" STL FOLDING SIDES, PL	KIT	192383
1	CVG310680TB	WLDMT, BC FOLDING TAILGATE	1	310680
2	CVG310823TB	WLDMT, BC-S RH FOLDING SIDE	1	310823
3	CVG310824TB	WLDMT, BC-S LH FOLDING SIDE	1	310824
4	CVG515771TB	PLATE, MTG-A, RAIL	4	515771
5	CVG515772TB	PLATE, MTG-B, RAIL	4	515772
6	CVG708511	WASHER, FLAT, 1/4", 18-8SS	40	708511
7	CVG719526	CAPLUG, 7/8 SQ, FP-165	18	719526
8	CVG719560	SCREW, HX HD, .25 x 1, THRD FRMING	24	719560
9	CVG719738	BUMPER BLACK 3M#SJ5023	2	719738
10	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	16	719876

NOTE: Items with * in tables indicates parts not shown in drawing

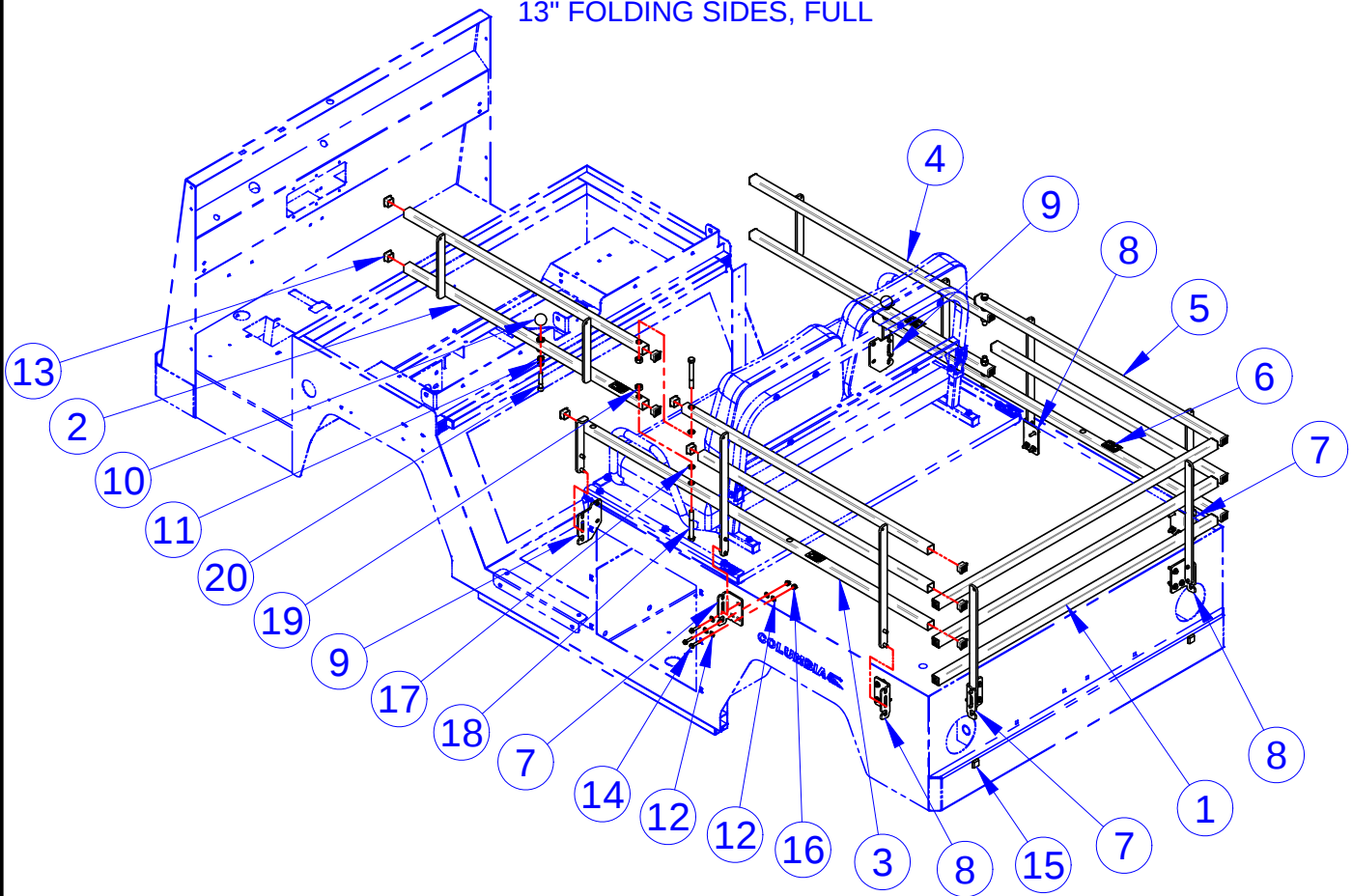
13" FOLDING SIDES, LONG



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-10	CVG192384U	P&A KIT, PL-L 13" STL FOLDING SIDES	KIT	192384
1	CVG310678TB	WLDMT, BC-L RH FOLDING SIDE	1	310678
2	CVG310679TB	WLDMT, BC-L LH FOLDING SIDE	1	310679
3	CVG310680TB	WLDMT, BC FOLDING TAILGATE	1	310680
4	CVG515771TB	PLATE, MTG-A, RAIL	4	515771
5	CVG515772TB	PLATE, MTG-B, RAIL	4	515772
6	CVG708511	WASHER, FLAT, 1/4", 18-8SS	40	708511
7	CVG719526	CAPLUG, 7/8 SQ, FP-165	18	719526
8	CVG719560	SCREW, HX HD, .25 x 1, THRD FRMING	24	719560
9	CVG719738	BUMPER BLACK 3M#SJ5023	2	719738
10	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	16	719876

NOTE: Items with * in tables indicates parts not shown in drawing

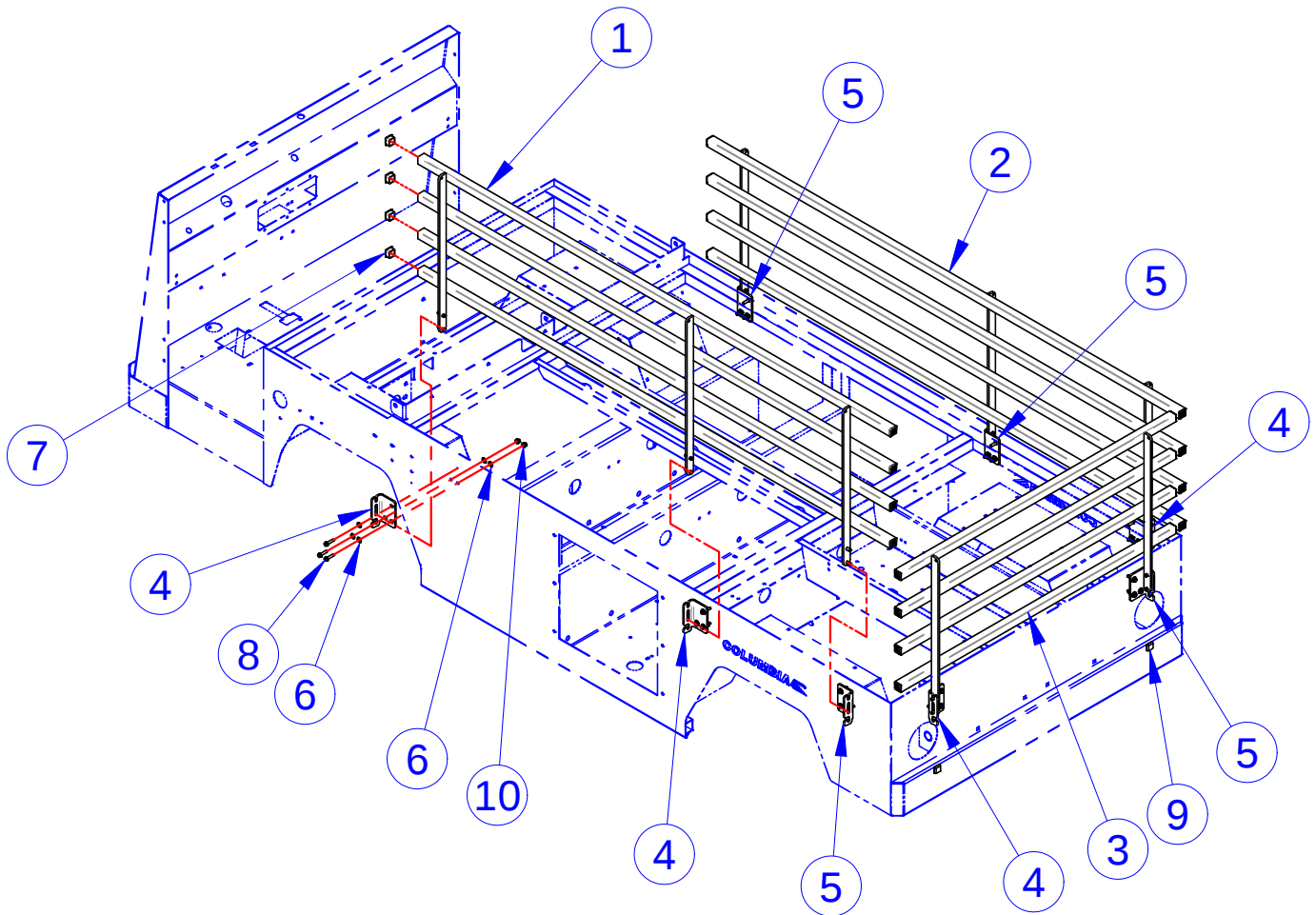
13" FOLDING SIDES, FULL



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-20	CVG192738U	P&A KIT, PL-2ND 13"STL FOLDNG SIDES	KIT	192738
1	CVG310680TB	WLDMT, BC FOLDING TAILGATE	1	310680
2	CVG312238TB	WLDMT, BC-2ND LF RAIL	1	312238
3	CVG312239TB	WLDMT, LR RAIL, BC-2ND	1	312239
4	CVG312240TB	WLDMT, BC-2ND RF RAIL	1	312240
5	CVG312241TB	WLDMT, RR RAIL, BC-2ND	1	312241
6	CVG507980	PINCH WARNING	4	507980
7	CVG515771TB	PLATE, MTG-A, RAIL	3	515771
8	CVG515772TB	PLATE, MTG-B, RAIL	3	515772
9	CVG515893	PLATE, MTG, BC-2ND SIDE RAILS	2	515893
10	CVG707783	KNOB, 1 1/4" BALL, 3/8-16 THD	2	707783
11	CVG708058	SPRING COMPRESSION .48ID 1.25LG MUS	2	708058
12	CVG708511	WASHER, FLAT, 1/4", 18-8SS	30	708511
13	CVG719526	CAPLUG, 7/8 SQ, FP-165	26	719526
14	CVG719560	SCREW, HX HD, .25 x 1,THRD FRMING	18	719560
15	CVG719738	BUMPER BLACK 3M#SJ5023	2	719738
16	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	12	719876
17	CVG782003	WASHER, 0.440 X 0.750 X 0.093, F/W, BLK NYL	4	782003
18	CVG782798	SCREW,7/16-20X3-1/2,HHCS,18-8 SS	4	782798
19	CVG782801	NUT,7/16-20,NYLOCK,NE,SS	4	782801
20	CVG782804	SCREW,3/8-16X2,SHCS,18-8 SS	2	782804

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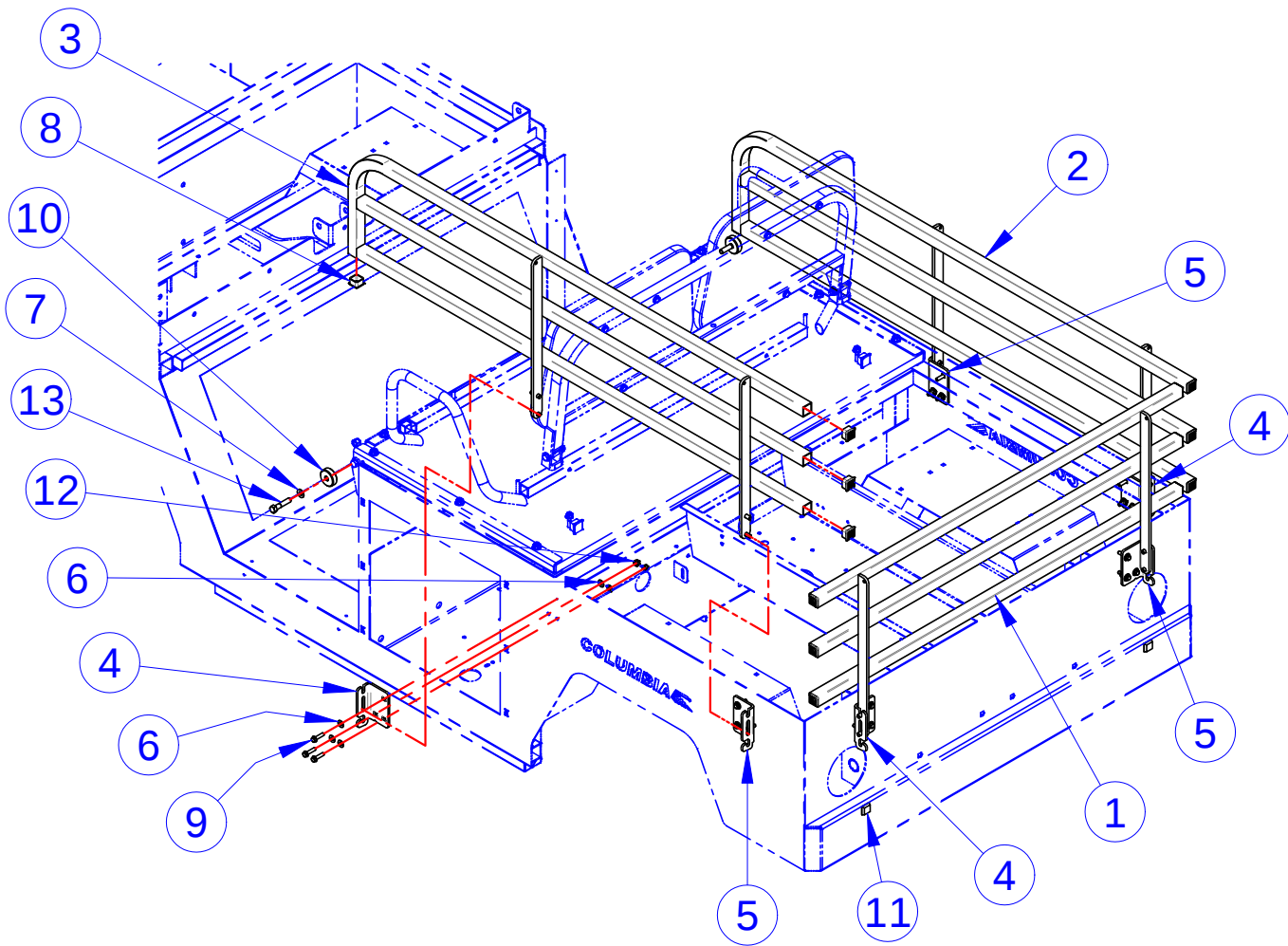
18" FOLDING SIDES



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-10	CVG192730U	P&A KIT, PL-L 18" STL FOLDING SIDES	KIT	192730
1	CVG312217TB	WLDMT, BC-L 18" LH FOLDING SIDE	1	312217
2	CVG312218TB	WLDMT, BC-L 18" RH FOLDING SIDE	1	312218
3	CVG312219TB	WLDMT, BC 18" FOLDING TAILGATE	1	312219
4	CVG515771TB	PLATE, MTG-A, RAIL	4	515771
5	CVG515772TB	PLATE, MTG-B, RAIL	4	515772
6	CVG708511	WASHER, FLAT, 1/4", 18-8SS	40	708511
7	CVG719526	CAPLUG, 7/8 SQ, FP-165	24	719526
8	CVG719560	SCREW, HX HD, .25 x 1, THRD FRMING	24	719560
9	CVG719738	BUMPER BLACK 3M#SJ5023	2	719738
10	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	16	719876

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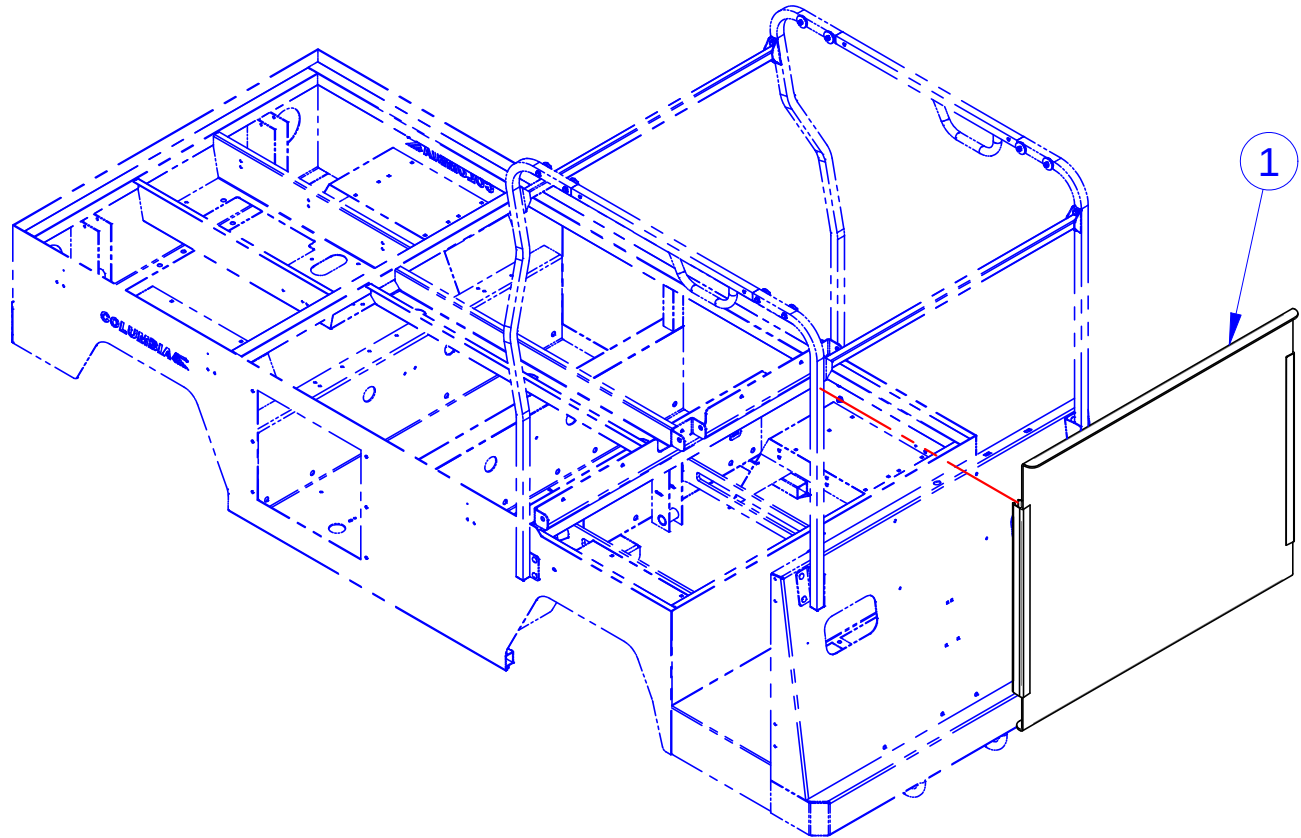
13" FOLDING SIDES WITH FOLDING 2ND ROW



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1-13	CVG192385U	P&A KIT, PL-2ND 13"STL FOLDNG SIDES	KIT	192385
1	CVG310680TB	WLDMT, BC FOLDING TAILGATE	1	310680
2	CVG310825TB	WLDMT, BC 2ND RH FOLDING SIDE	1	310825
3	CVG310826TB	WLDMT, BC 2ND LH FOLDING SIDE	1	310826
4	CVG515771TB	PLATE, MTG-A, RAIL	3	515771
5	CVG515772TB	PLATE, MTG-B, RAIL	3	515772
6	CVG708511	WASHER, FLAT, 1/4", 18-8SS	30	708511
7	CVG719375	WSHR,5/16X0.750X0.040,F/W,18-8S/S	2	719375
8	CVG719526	CAPLUG, 7/8 SQ, FP-165	14	719526
9	CVG719560	SCREW, HX HD, .25 x 1,THRD FRMING	18	719560
10	CVG719737	WASHER FLAT BLK DELRIN .375X1.5X.5	2	719737
11	CVG719738	BUMPER BLACK 3M#SJ5023	2	719738
12	CVG719876	NUT, 1/4-20, L/N, NYL, NE, 316, S/S	12	719876
13	CVG781788	SCREW,3/8-16X1-3/4,HHCS,18-8 SS	2	781788

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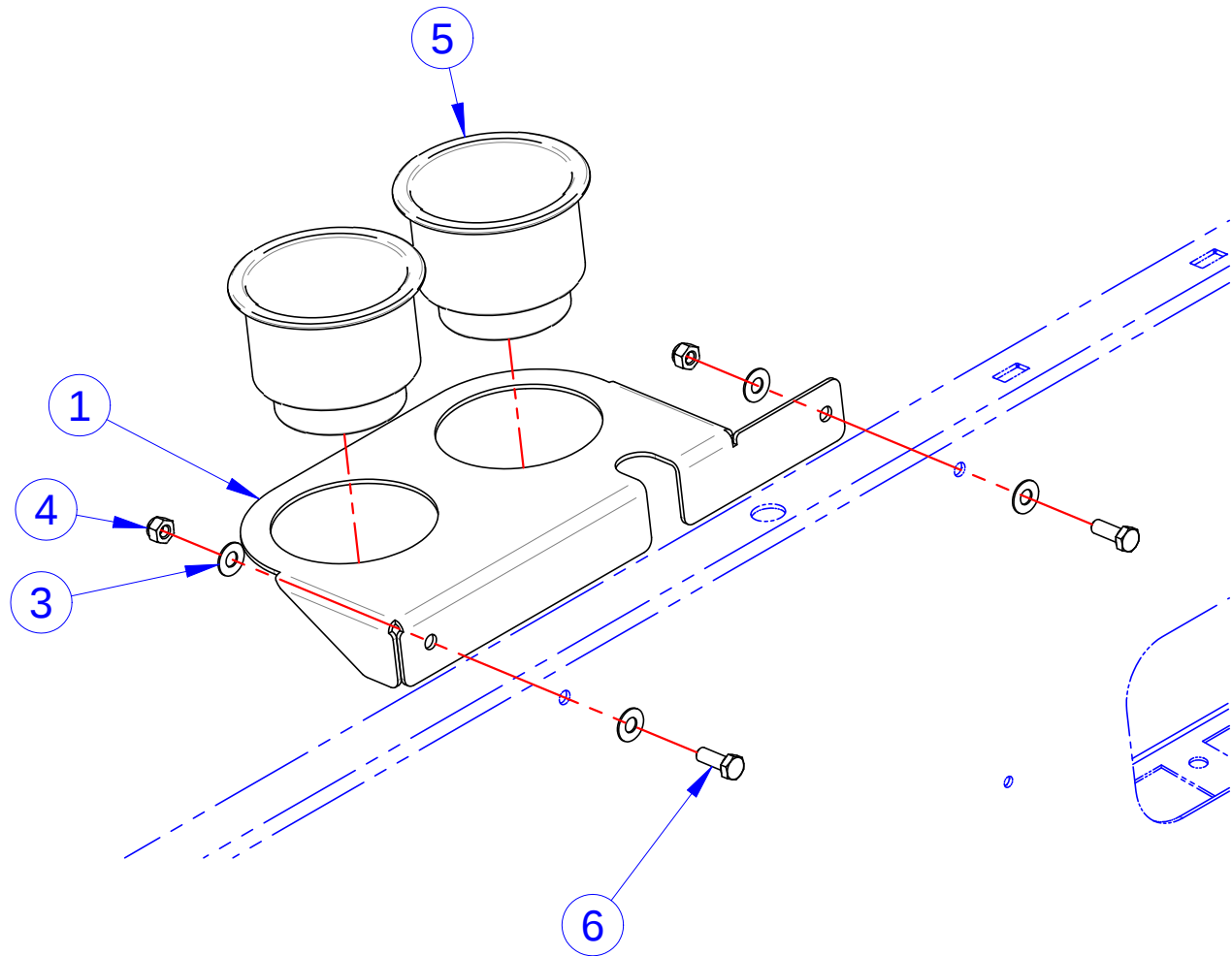
WINDSHIELD, ACRYLIC, TINTED



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG760949	WINDSHIELD, BC, TINTED ACRYLIC	1	760949

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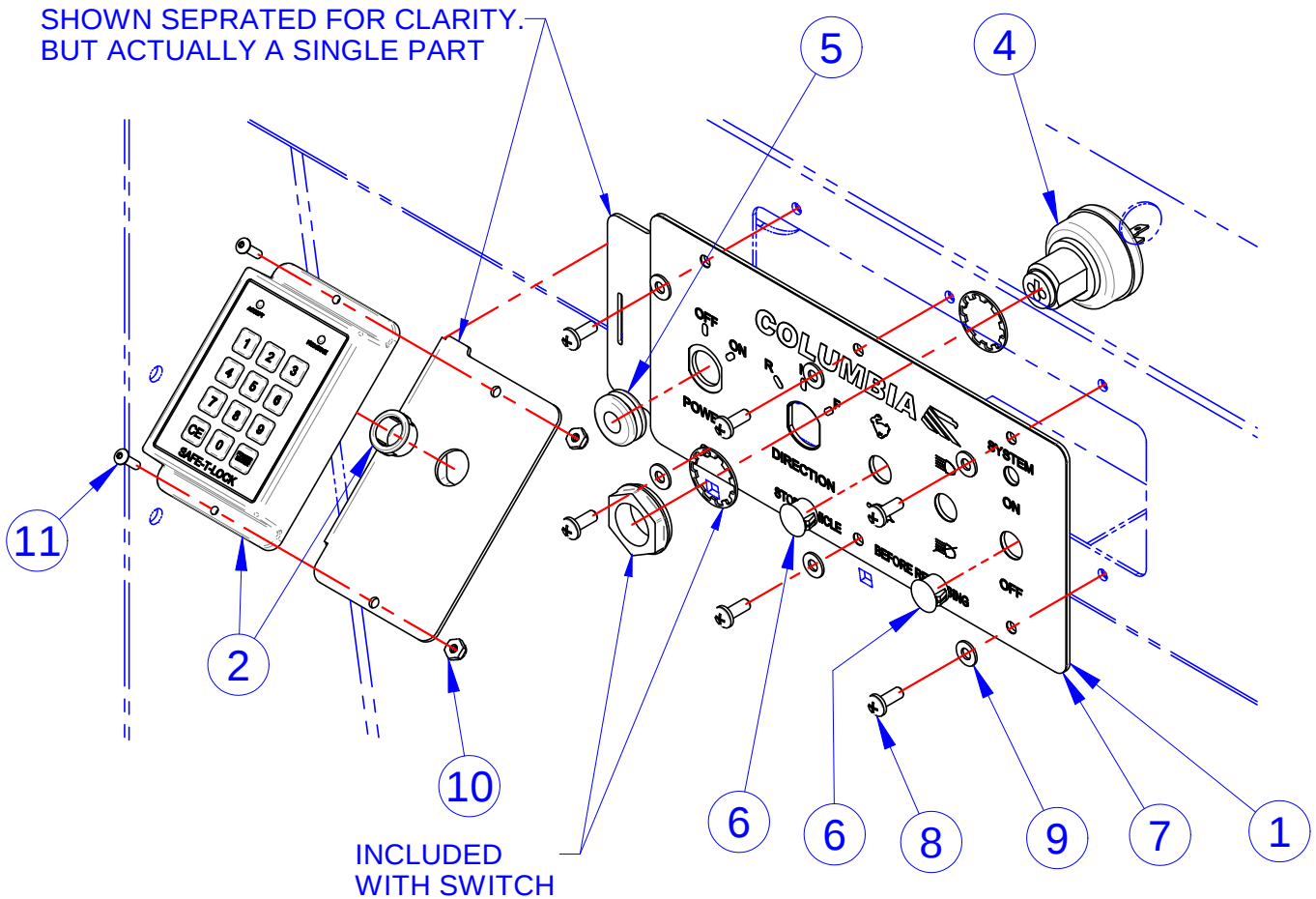
CUP HOLDERS



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG314901TB	WLDMT, CUP HOLDER BRKT, PL	1	314901
2*	CVG719355	MOLDING, BLACK	1	719355
3	CVG719375	WSHR,5/16X0.750X0.040,F/W,18-8S/S	4	719375
4	CVG719377	NUT, 5/16-18, L/N, NYL, NE, 18-8SS	2	719377
5	CVG729553	CUP HOLDER	2	729553
6	CVG782834	SCREW,5/16-18X7/8,HHSC,18-8SS	2	782834

NOTE: Items with * in tables indicates parts not shown in drawing

KEYPAD



ITEM	CVG PN	DESCRIPTION	QTY	REF #
1	CVG314902TB	WLDMT, DASH PANEL, KEYPAD, PL	1	314902
2	CVG468304	ASSY, KEYPAD	1	468304
3*	CVG468305	HARNESS, KEYPAD SUB, PL	1	468305
4	CVG709040	KEYSWITCH, UNIVERSAL "A" W/HRDWR	1	709040
5	CVG719522	GROMMET, 3/8 X 7/8	1	719522
6	CVG719798	PLUG 1/2 HOLE BLACK HEYCO #2643	2	719798
7	CVG760768	OVERLAY, DASHBOARD, BC, SEP EX, LED	1	760768
8	CVG761632	SCREW, #10-24X1/2" PPH GRD 18-8 SS	6	761632
9	CVG782722	WSHR, #10 X 0.438 X 0.031, FW, 18-8SS	6	782722
10	CVG782738	NUT, #6-32, L/N, NYL, NM, 18-8, S/S	2	782738
11	CVG782744	SCR, #6-32 X 0.5, BSHCS, 18-8, S/S	2	782744

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Columbia Vehicle Group, Inc.

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