



PARTS MANUAL

Illustration Only

SERIES 20 GEN II 3 & 4 CAR CARRIER

NOTE: MANUAL subject to change without notice.



Miller Ind. PA Operations
Hermitage, PA 16148

08/2025
PN 05002423

Section V - PARTS

This Section is provided by the manufacturer for the purpose of ordering any component parts that may be required when part replacement is necessary. Be certain to use only original equipment replacement parts for warranty purposes as well as for keeping your carrier in its original state and optimum operating capacities.

When ordering replacement or spare parts be sure to provide the following information to your carrier manufacturer authorized representative.

1. **Manual Number & Date of Publication**
2. **Manual Page Number**
3. **Page Title**
4. **Reference Number of Part Desired**
5. **Part Number**
6. **Part Description**
7. **Quantity of Part Desired**

Providing this information will help ensure that the correct parts will be delivered to you in an expedient manner without delay. Should additional information be required for repair or replacement of certain components, contact **Miller Ind., Hermitage, PA.**

The Manufacturer reserves the right, without notice or obligation, to improve or modify their products, which may change the specifications, models and feature availability.

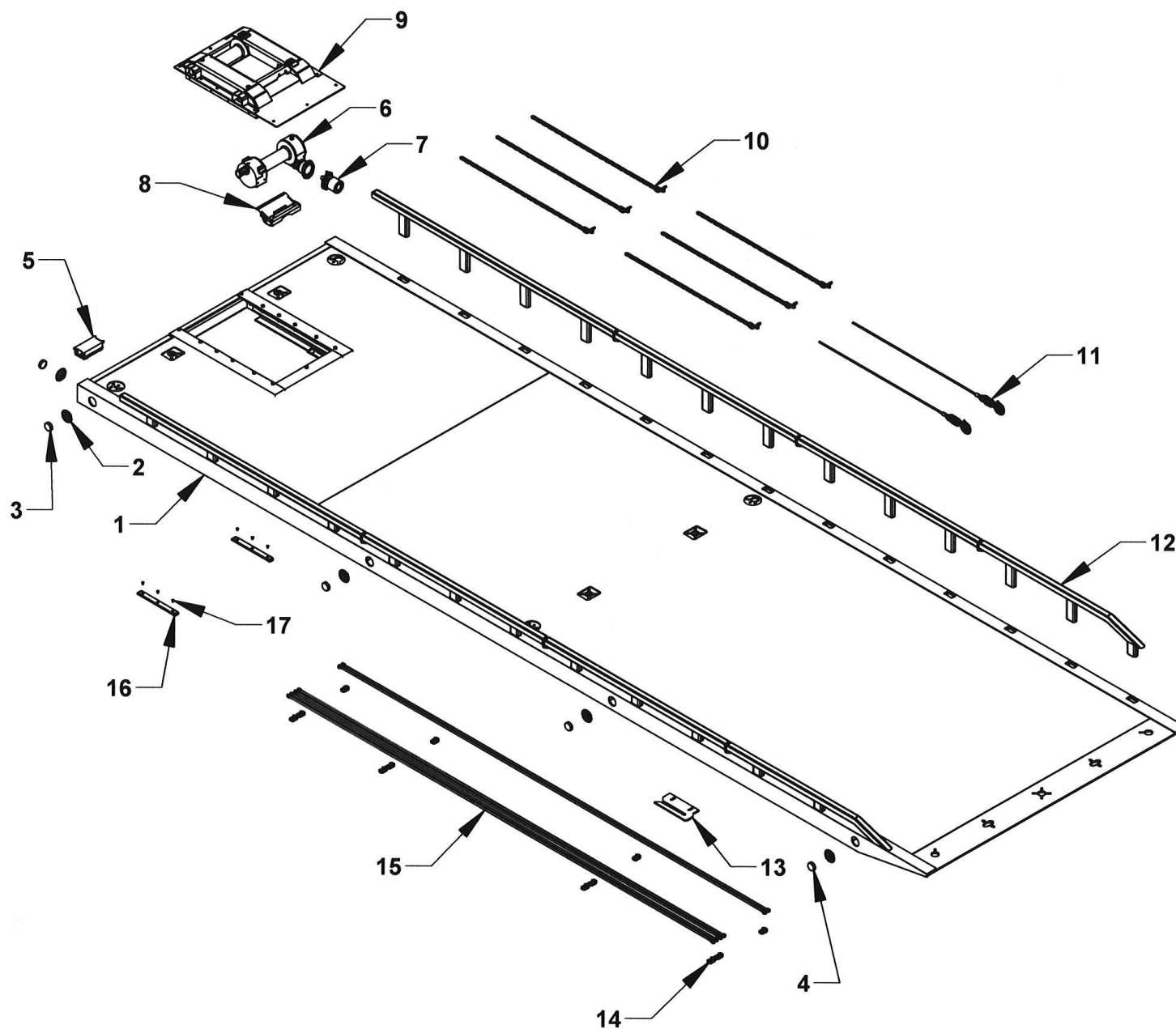
Section V - PARTS

REMOVABLE TUBE RAIL SIDES

ASSEMBLY #	BED LENGTH	REMOVABLE TUBE SIDE RAIL COMBINATIONS
09009171-230	24 FT	
09009171-250	25 TO 26 FT	
09009171-270	27 TO 28 FT	
09009171-290	29 TO 30 FT	

REF	PART #	DESCRIPTION	QPU
1	346095F	FRONT REMOVABLE TUBE RAIL - 4 POST	SEE CHART
2	346071F	FRONT REMOVABLE TUBE RAIL - 3 POST	SEE CHART
3	346095M	MIDDLE REMOVABLE TUBE RAIL - 4 POST	SEE CHART
4	346071M	MIDDLE REMOVABLE TUBE RAIL - 3 POST	SEE CHART
5	346064	REAR REMOVABLE TUBE RAIL - 3 POST	SEE CHART
6	0306070	LYNCH PIN - 7/16 x 1-3/4	SEE CHART

Section V - PARTS
STEEL BED ASSEMBLY - SERIES 20 GEN2 4-CAR



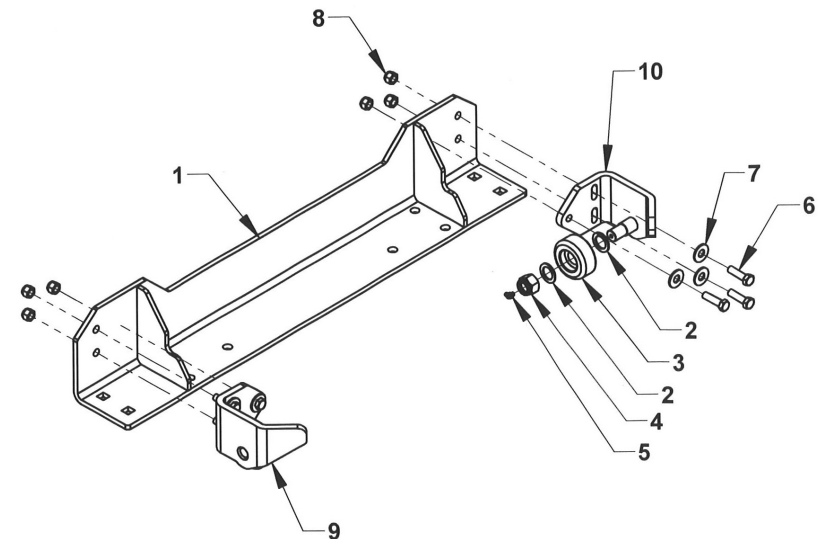
Section V - PARTS

STEEL BED ASSEMBLY - SERIES 20 GEN2 4-CAR

REF	PART #	QTY	DESCRIPTION
1	302820C42XXX	1	SERIES 20 G2 4-CAR STEEL BED WELDMENT XXX = 280, 290, 300
2	0311516	10	2-1/2" MARKER LIGHT GROMMET
3	0311513	8	2-1/2" AMBER MARKER LIGHT
4	0311512	2	2-1/2" RED MARKER LIGHT
5	0303385	1	10 POST JUNCTION BOX
6	71104A	2	RAMSEY 4 TON WORM GEAR WINCH - AIR SHIFT
7	0320147	2	WINCH MOTOR 5 CUBIC INCH
8	A902210	2	RAMSEY SPRING TENSIONER
9	31040	1	RAMSEY 4-CAR WINCH FRAME
10	0302493	6	FRONT SAFETY CHAIN ASSEMBLY - 5/16 x 8'
11	0301669	2	WINCH CABLE ASSEMBLY
12	09009171-XXX	1	REMOVABLE TUBE RAIL FRONT (SEE CHART)
13	33813	1	ANTI-TILT PLATE
14	0751188	15	FLUID TUBE MOUNTING BLOCK-LOWER
15	363S2-XXX	6	SERIES 20/30/40 UNDER BODY FLUID TUBE XXX = 280-42, 290-42, 300-42
16	03013520	2	I-BEAM WEAR PAD
17	04000844	6	FHSCS 5/15-18 x 5/8 ZP

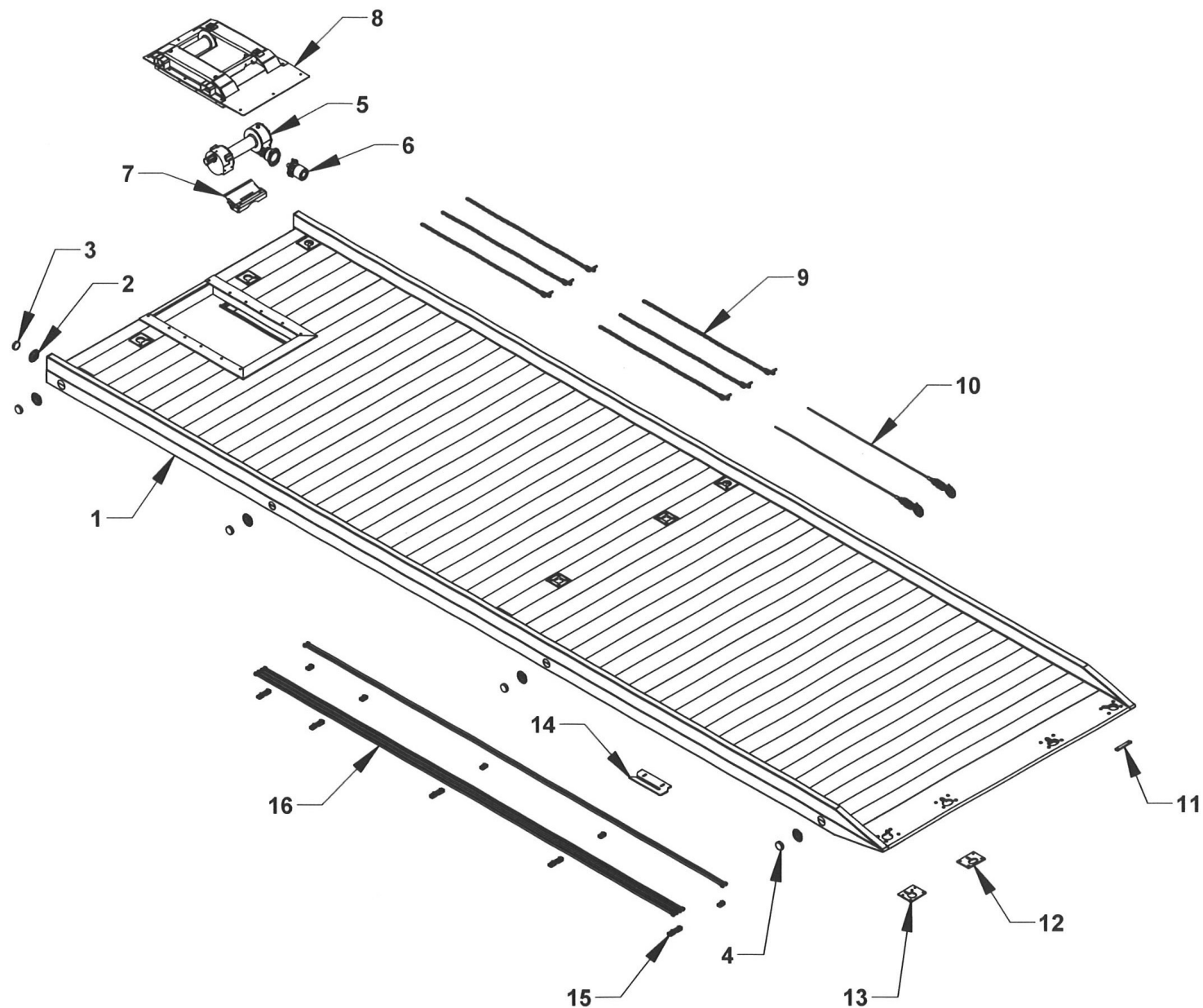
Section V - PARTS

BODY LOCK - 0940348 4-CAR



REF.	PART #	QTY	DESCRIPTION
1	0809928	1	SERIES 10/20/30 G2 ROLLER BED LOCK
2	0400470	4	FLAT WASHER 1 IN.
3	36310	2	ROLLER WHEEL
4	04001225	2	NYLON LOCK NUT 7/8-14 UNF
5	0306382	2	GREASE FITTING 1/4-28
6	0400211	6	BOLT, HHCS 1/2-13 UNC x 1-3/4
7	0400492	6	FLAT WASHER 1/2 IN.
8	0400408	6	NYLON LOC NUT 1/2-13 UNC
9	36315L	1	BODY LOCK HOLD-DOWN - LH
10	36315R	1	BODY LOCK HOLD-DOWN - RH

Section V - PARTS
ALUMINUM BED ASSEMBLY - SERIES 20 GEN2 4-CAR



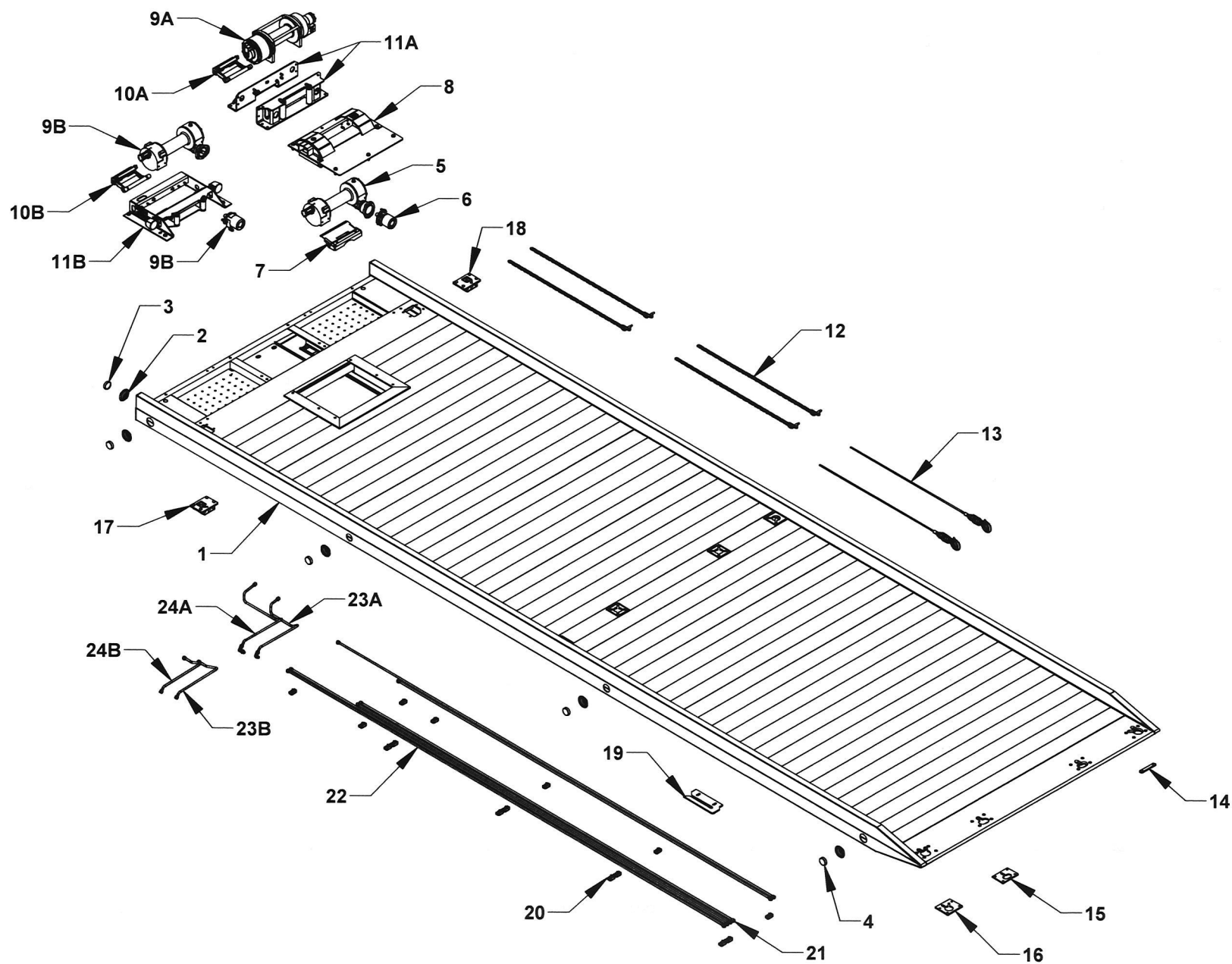
Section V - PARTS

ALUMINUM BED ASSEMBLY - SERIES 20 GEN2 4-CAR

REF	PART #	QTY	DESCRIPTION
1	301820C42XXX	1	SERIES 20 G2 4-CAR ALUM BED WELDMNT XXX = 280, 290, 300
2	0311516	10	2-1/2" MARKER LIGHT GROMMET
3	0311513	8	2-1/2" AMBER MARKER LIGHT
4	0311512	2	2-1/2" RED MARKER LIGHT
5	71104A	2	RAMSEY 4 TON WORM GEAR WINCH - AIR SHIFT
6	0320147	2	WINCH MOTOR 5 CUBIC INCH
7	A902210	2	RAMSEY SPRING TENSIONER
8	31040	1	RAMSEY 4-CAR WINCH FRAME
9	0302493	6	FRONT SAFETY CHAIN ASSEMBLY - 5/16 x 8'
10	0301669	2	WINCH CABLE ASSEMBLY
11	07004889	2	APPROACH SKID PLATE
12	34521	2	ALUM APPROACH PLATE CHAIN LOCK
13	07007442	2	ALUM APPROACH PLATE CHAIN LOCK - 2 WAY
14	07011094	1	SERIES 20 GEN2 4-CAR ANTI-TLT PLATE
15	0751188	15	FLUID TUBE MOUNTING BLOCK-LOWER
16	383S2-XXX	6	SERIES 20/30/40 UNDER BODY FLUID TUBE XXX = 280-42, 290-42, 300-42

Section V - PARTS

ALUMINUM BED ASSEMBLY - SERIES 20 GEN3 3-CAR

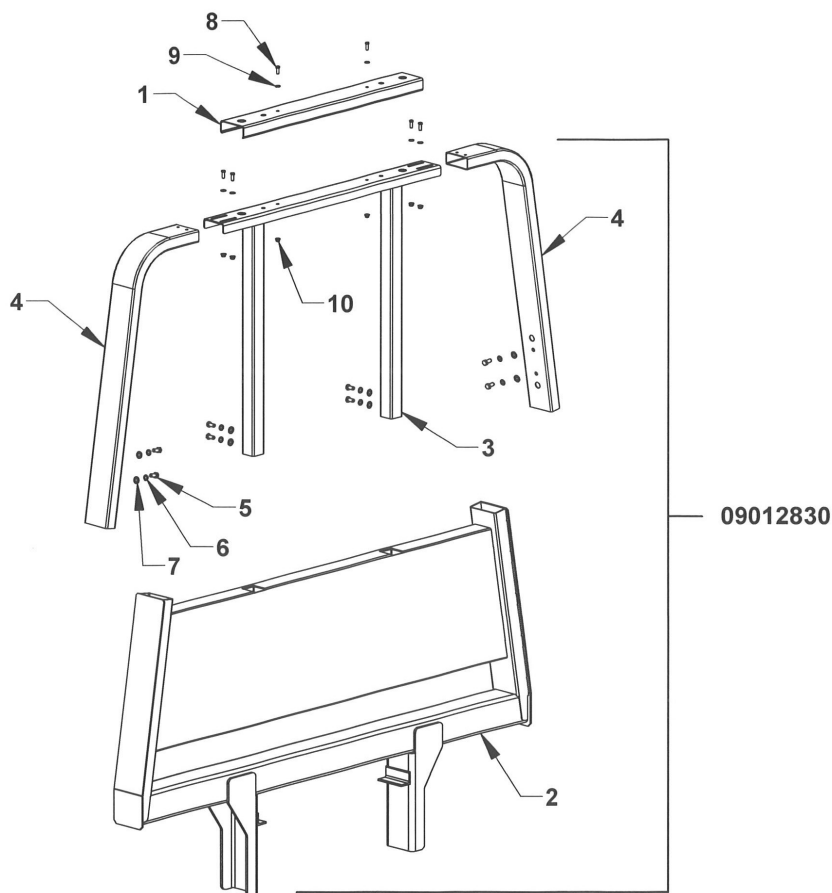


Section V - PARTS

ALUMINUM BED ASSEMBLY - SERIES 20 GEN3 3-CAR

REF	PART #	QTY	DESCRIPTION
1	301820C3CCS102-BHXXX	1	SERIES 20 G3 3-CAR ALUM BED WELDMENT XXX = 280, 290, 300
2	0311516	10	2-1/2" MARKER LIGHT GROMMET
3	0311513	8	2-1/2" AMBER MARKER LIGHT
4	0311512	2	2-1/2" RED MARKER LIGHT
5	71104A	1	RAMSEY 8K HD234 WINCH - LONG COLLAR-AIR SHIFT
6	0320147	2	WINCH MOTOR 5 CUBIC INCH
7	A902210	2	RAMSEY WINCH TORSION SPRING TENSIONER
8	08016771	1	RAMSEY LOW MOUNT WINCH FRAME
9A	0301510-1210AA	1	DP 12K WINCH - AIR SHIFT
9B	0308535	1	RAMSEY 8K HD234 WINCH - SHORT COLLAR-AIR SHIFT
10A	03015381	1	DP WINCH TORSION SPRING TENSIONER
10B	03020146	1	RAMSEY WINCH TORSION SPRING TENSIONER
11A	08010129	1	FRONT DP WINCH MOUNTING FRAME
	09011914	1	REAR DP WINCH MOUNTING FRAME
11B	0940425	1	RAMSEY HD234 WINCH MOUNTING FRAME
12	0302493	4	FRONT SAFETY CHAIN ASSEMBLY 5/16 x 8 FT.
13	0301669	2	WINCH CABLE ASSEMBLY 3/8" x 50 FT.
14	07004889	2	APPROACH SKID PLATE
15	34521	2	ALUM APPROACH PLATE CHAINLOCK
16	07007442	2	ALUM APPROACH PLATE CHAINLOCK - 2 WAY
17	09005255L	1	BOLT-ON FRONT CHAINLOCK GROUP -LH
18	09005265R	1	BOLT-ON FRONT CHAINLOCK GROUP - RH
19	07011094	1	SERIES 20 GEN2 4-CAR ANTI-TILT PLATE
20	0751188	15	FLUID TUBE MOUNTING BLOCK - LOWER
21	07019268-XXX	3	SERIES 20 GEN3 3-CAR UNDER BODY FLUID TUBE XXX = 160, 172, 184
22	38351-XXX	3	SERIES 10/12/16 UNDER BODY FLUID TUBE XXX = 280, 290, 300
23A	0752167-DP08	1	WINCH MOTOR FLUID TUBE S10 DP 8/12K-SHORT
23B	0752168-R	1	WINCH MOTOR FLUID TUBE S10-RAMSEY 8K-LONG
24A	0752168-DP08	1	WINCH MOTOR FLUID TUBE S10-DP 8/12K-LONG
24B	0752167-R	1	WINCH MOTOR FLUID TUBE S10-RAMSEY 8K-SHORT

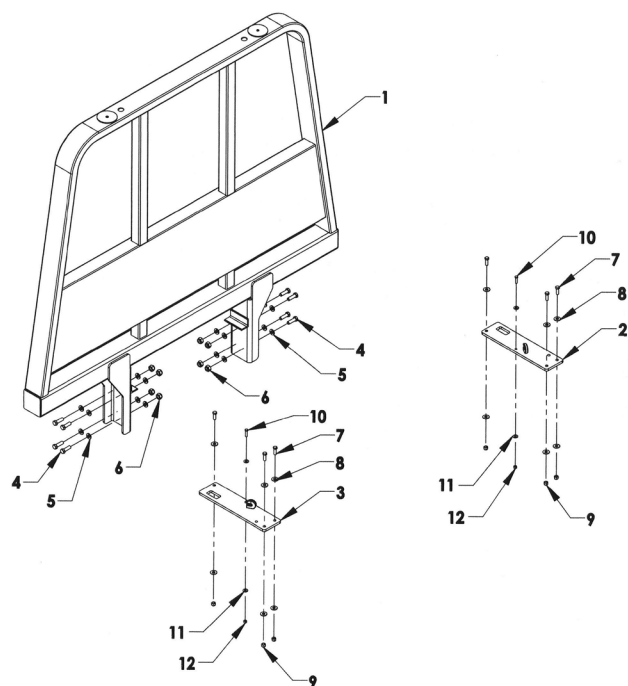
Section V-PARTS
ADJUSTABLE CAB PROTECTOR 09012830-XX
(FRAME MOUNTED 5-INCH BASE)



REF	PART #	QTY	DESCRIPTION
1	07011335-46	1	CAB PROTECTOR TRIM CHANNEL
2	08011112	1	ADJUSTABLE CAB PROTECTOR BASE FMP 5" CNV
3	08007570	1	CAB PROTECTOR CENTER SUPPORT
4	08007571	2	ADJUSTABLE SIDE TUBE
5	0400176	8	BOLT HHCS 1/2-13 UNC x 1 GR5
6	0400491	8	LOCK WASHER 1/2 ZP
7	0403128	8	FLAT WASHER 1/2 ZP
8	0400126	6	BOLT HHCS 3/8-16 UNC x 1 GR5
9	0400480	6	FLAT WASHER 3/8 ZP
10	04002907	6	NUT, FLANGED NYLOK 3/8-16 UNC ZP

Section V - PARTS

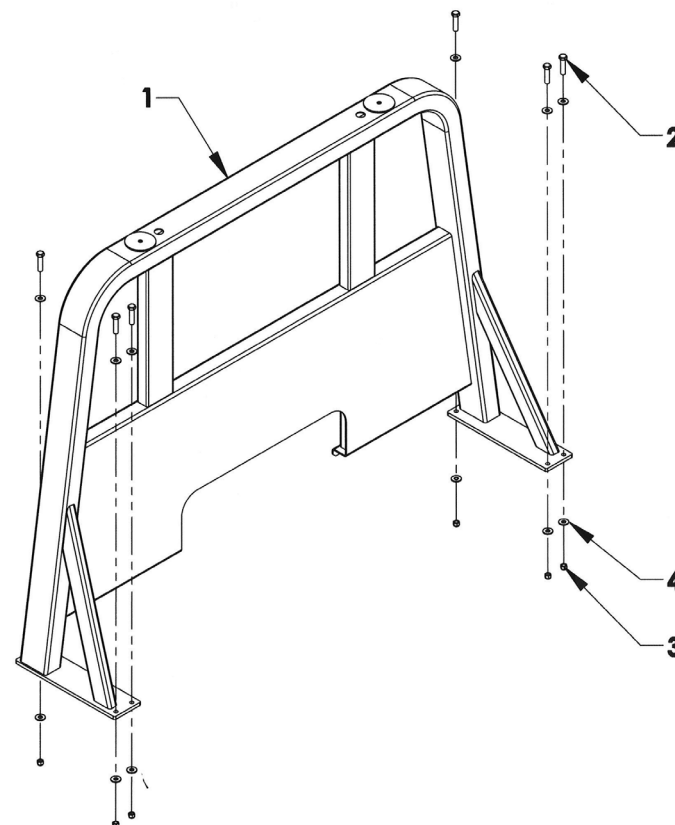
CONVENTIONAL CARRIER 5 x 5 FRAME MOUNTED PYLON



REF	PART #	QTY	DESCRIPTION
1	0809619-42	1	CONVENTIONAL CARRIER 5 x 5 FMP - 42'
	0809619-45	1	CONVENTIONAL CARRIER 5 x 5 FMP - 45'
	0809619-48	1	CONVENTIONAL CARRIER 5 x 5 FMP - 48'
	0809619-50	1	CONVENTIONAL CARRIER 5 x 5 FMP - 50'
	0809619-52	1	CONVENTIONAL CARRIER 5 x 5 FMP - 52'
	0809619-54	1	CONVENTIONAL CARRIER 5 x 5 FMP - 54'
	0809619-57	1	CONVENTIONAL CARRIER 5 x 5 FMP - 57'
	0809619-60	1	CONVENTIONAL CARRIER 5 x 5 FMP - 60'
	0809619-64	1	CONVENTIONAL CARRIER 5 x 5 FMP - 64'
	0809619-68	1	CONVENTIONAL CARRIER 5 x 5 FMP - 68'
2	0805193	1	CAB PROTECTOR MOUNTING PLATE WLMT - R
3	0805194	1	CAB PROTECTOR MOUNTING PLATE WLMT - L
4	0400274	8	BOLT 5/8-11 UNC x 2 GR 8 ZINC PLATED
5	0400506	16	FLAT WASHER 5/8 ZINC PLATED
6	0400421	8	NYLON LOCK NUT 5/8-11 UNC ZINC PLATED
7	0400181	6	BOLT 1/2-13 UNC x 1-1/2 GR 5 ZINC PLATED
8	0400492	12	FLAT WASHER 5/8 ZINC PLATED
9	0400408	6	NYLON LOCK NUT 1/2-13 UNC ZINC PLATED
10	0400132	2	BOLT 3/8-16 UNC x 1-1/2 GR 5 ZINC PLATED
11	0400480	4	FLAT WASHER 3/8 ZINC PLATED
12	0400392	2	NYLON LOCK NUT 3/8-16 UNC ZINC PLATED

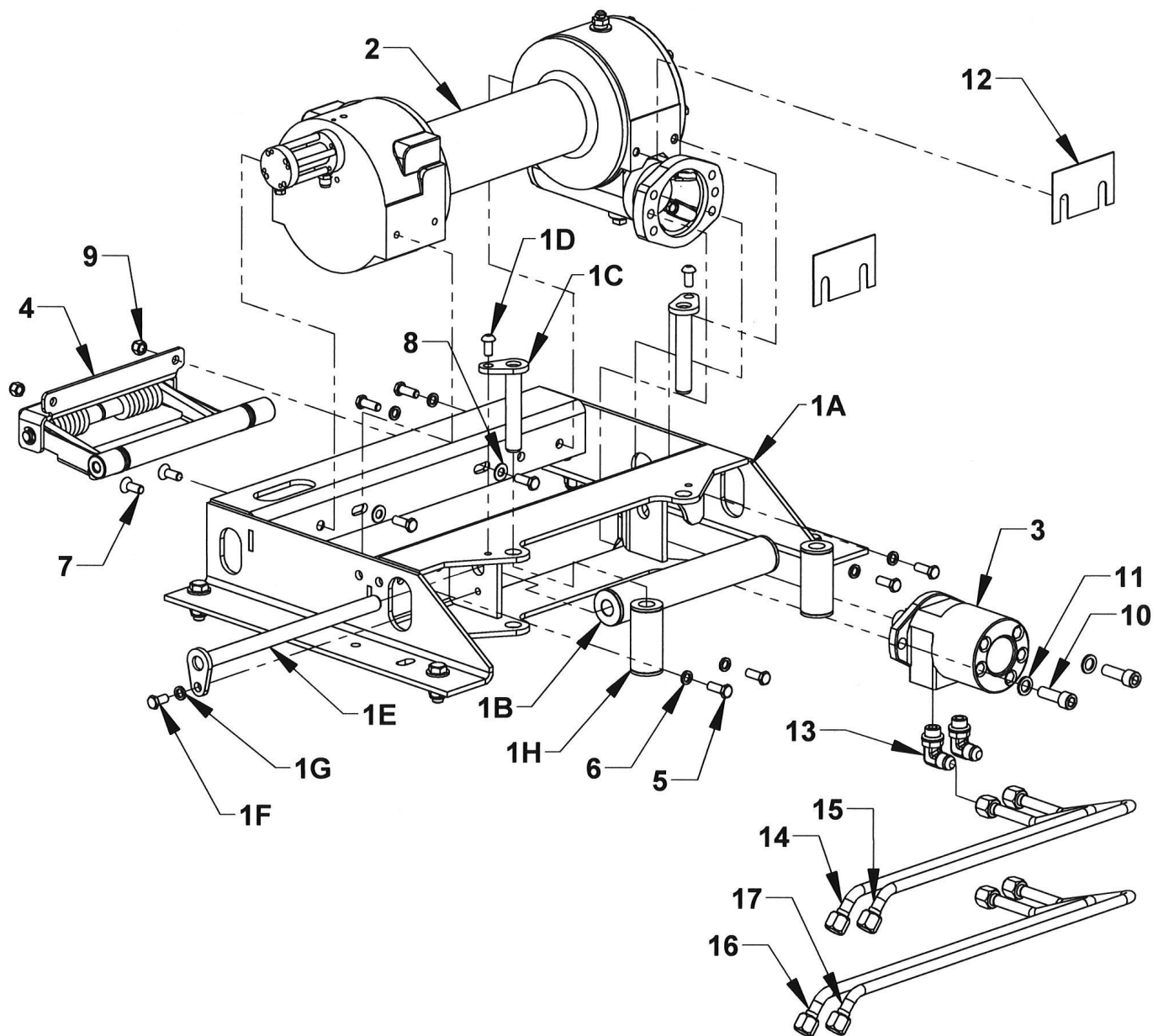
Section V - PARTS

20/30/40 BED MOUNTED CAB PROTECTOR



REF	PART #	QTY	DESCRIPTION
1	35FL048	1	2 x 5 PERIMETER TUBE CAB PROTECTOR - 48"
	35FL050		2 x 5 PERIMETER TUBE CAB PROTECTOR - 50"
	35FL052		2 x 5 PERIMETER TUBE CAB PROTECTOR - 52"
	35FL056		2 x 5 PERIMETER TUBE CAB PROTECTOR - 56"
	35FL060		2 x 5 PERIMETER TUBE CAB PROTECTOR - 60"
	35FL063		2 x 5 PERIMETER TUBE CAB PROTECTOR - 63"
	35FL066		2 x 5 PERIMETER TUBE CAB PROTECTOR - 66"
	35FL068		2 x 5 PERIMETER TUBE CAB PROTECTOR - 68"
2	0400343	6	HHCS 1/2 -13 UNC x GR 8
3	0400408	6	NUT NYLOK 1/2 -13 UNC
4	0400492	12	WASHER 1/2

Section V - PARTS
RAMSEY HD234 AIR-SHIFT WINCH GROUP



Section V - PARTS

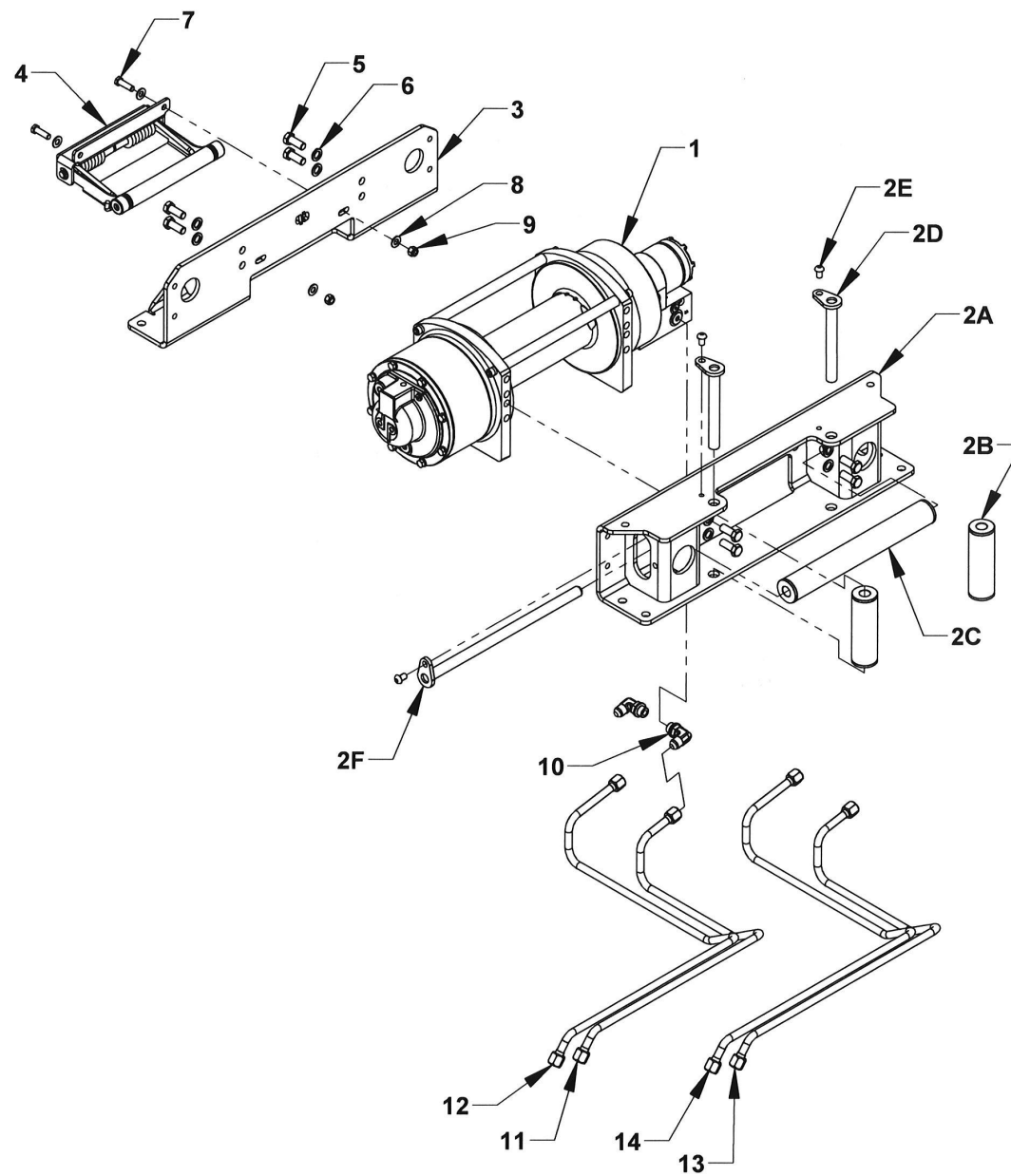
RAMSEY HD234 AIR-SHIFT WINCH GROUP

REF	PART #	QTY	DESCRIPTION
1	0940425	1	RAMSEY HD234 WINCH MTG FRAME-GEN2
1A	0811139	1	RAMSEY HD234 WINCH MOUNTING FRAME
1B	0940428	1	ROLLER ASSEMBLY - 1-3/4 DIAMETER
1C	0811142	2	VERTICAL ROLLER KEEPER PIN - RAMSEY 8K
1D	0403004	2	BOLT- BHCS 3/8-16 UNC x 3/4 ZP
1E	0811145	1	ROLLER GUIDE KEEPER PIN - RAMSEY 8K WORM
1F	0400121	1	BOLT- HHCS 3/8-16 UNC x 3/4 ZP
1G	0400482	1	LOCK WASHER 3/8 ZP
1H	0709877G	2	RAMSEY HD234 VERTICAL ROLLER W/BUSHINGS
2	0308535	1	RAMSEY WINCH HD234 SHIFT
3	0320147	1	WINCH MOTOR 5 CUBIC INCH
4	03020146	1	RAMSEY ROLLER TENSIONER-HD234
5	0400126	8	BOLT- HHCS 3/8-16 UNC x 1 ZP
6	0400482	6	LOCK WASHER 3/8 ZP
7	0403137	2	BOLT FHCS 3/8-16 x 1 GR8
8	0400480	2	FLAT WASHER 3/8 ZP
9	0400392	2	NUT NYLOCK 3/8-16 ZP
10	0400238	2	BOLT SHCS 1/2-13 x 1-1/2 GR8
11	0400491	2	LOCK WASHER 1/2 ZP
12	0701172-18	2	SHIM-RAMSEY HD234
13	ADPTR2062-08X08	2	ADAPTER 90° ELBOW 8MORB x 8JICM
14	0752167-R	1	S10-16 CNV RAMSEY HD234 FLUID TUBE-SHORT
15	0752168-R	1	S10-16 CNV RAMSEY HD234 FLUID TUBE-LONG
16	0751974-R	1	S12-16 LCG RAMSEY HD234 FLUID TUBE-SHORT
17	0751975-R	1	S12-16 LCG RAMSEY HD234 FLUID TUBE-LONG

Section V - PARTS

DP WINCH - 09013369-0810AA

8K DP PLANETARY AIR SHIFT



Section V - PARTS

DP WINCH - 09013369-0810AA

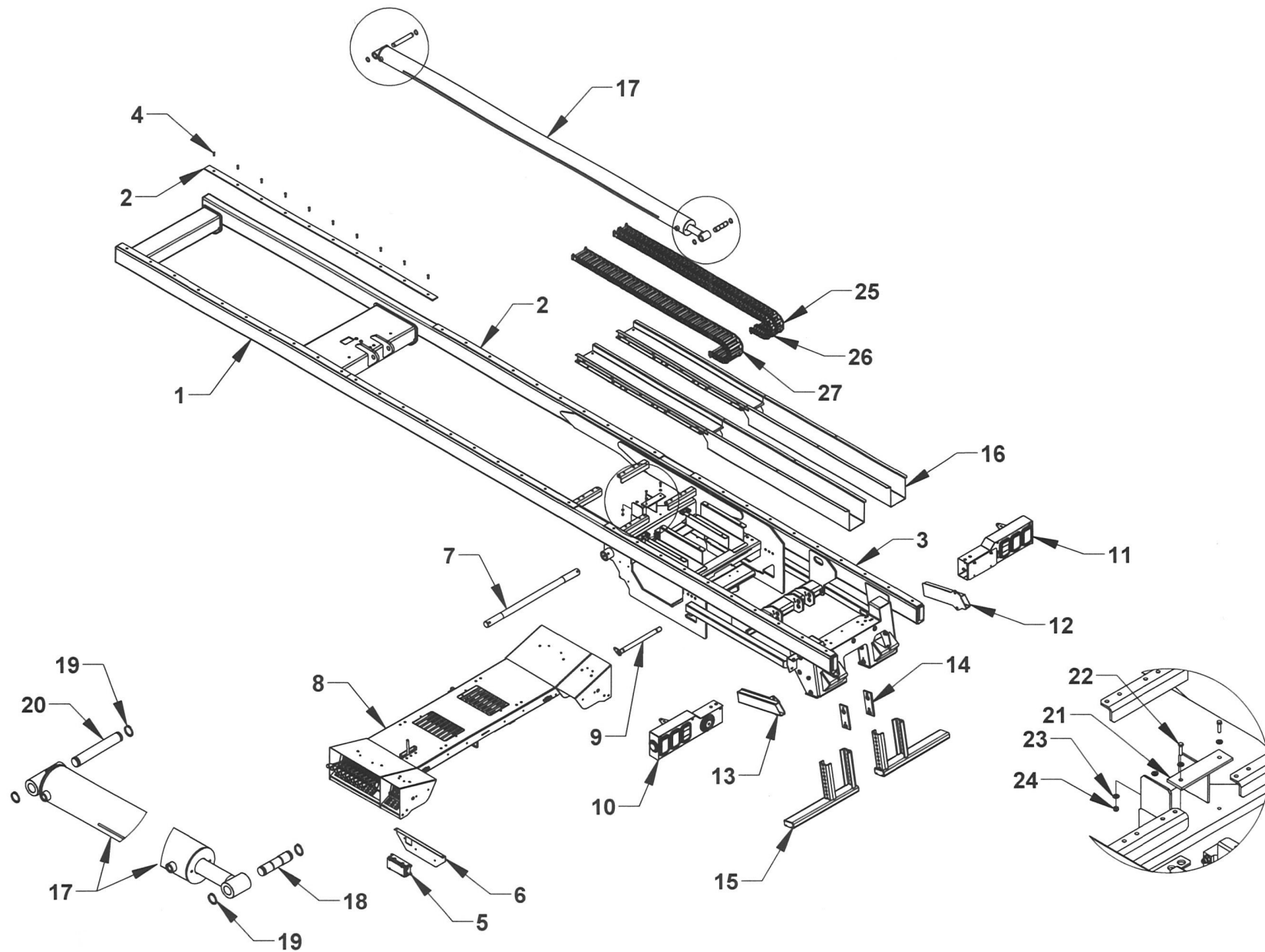
8K DP PLANETARY AIR SHIFT

REF	PART #	QTY	DESCRIPTION
1	03015100-0810AA 03015100-1210AA 03015100-1510AA	1	DP 8K PLANETARY WINCH AIR SHIFT DP 12K PLANETARY WINCH AIR SHIFT DP 15K PLANETARY WINCH AIR SHIFT
2	09011914	1	DP 8K-15K ROLLER GUIDE FRAME ASSEMBLY
2A	08010128	1	DP 8K-15K ROLLER GUIDE FRAME
2B	0809640	2	ROLLER ASSEMBLY 1.75 DIAMETER x 5.625
2C	A901520	1	ROLLER ASSEMBLY 1.75 DIAMETER x 13.500
2D	0809641	2	ROLLER GUIDE KEEPER PIN 6.348
2E	0403161	3	BOLT 3/8-16 UNC x 5/8 BUTTON HEAD
2F	A901525	1	ROLLER GUIDE KEEPER PIN 14.535
3	08010129	1	DP FRONT MOUNTING FRAME
4	03015381	1	DP WINCH TENSIONER
5	0400177	8	BOLT HHCS 1/2-13 UNC x 1-1/4
6	0400491	8	LOCK WASHER 1/2
7	0400122	2	BOLT HHCS 3/8-16 UNC x 1-1/4
8	0400480	4	FLAT WASHER 3/8
9	1400392	2	NYLON LOCK NUT 3/8-16 UNC
10	ADPTR2062-08X08	2	ADAPTER 90° ELBOW 8MORB x 8JICM
11	0752167-DP08	1	S10-16 CNV DP FLUID TUBE-SHORT
12	0752168-DP08	1	S10-16 CNV DP FLUID TUBE-LONG
13	0751974-DP08	1	S12-16 LCG DP FLUID TUBE-SHORT
14	0751975-DP08	1	S12-16 LCG DP FLUID TUBE-LONG

NOTE: Items 10 through 13 are not included in 09013369-0810AM.

Section V - PARTS

SERIES 20 4-CAR GEN2 SUBFRAME COMPONENTS - 28 FT.



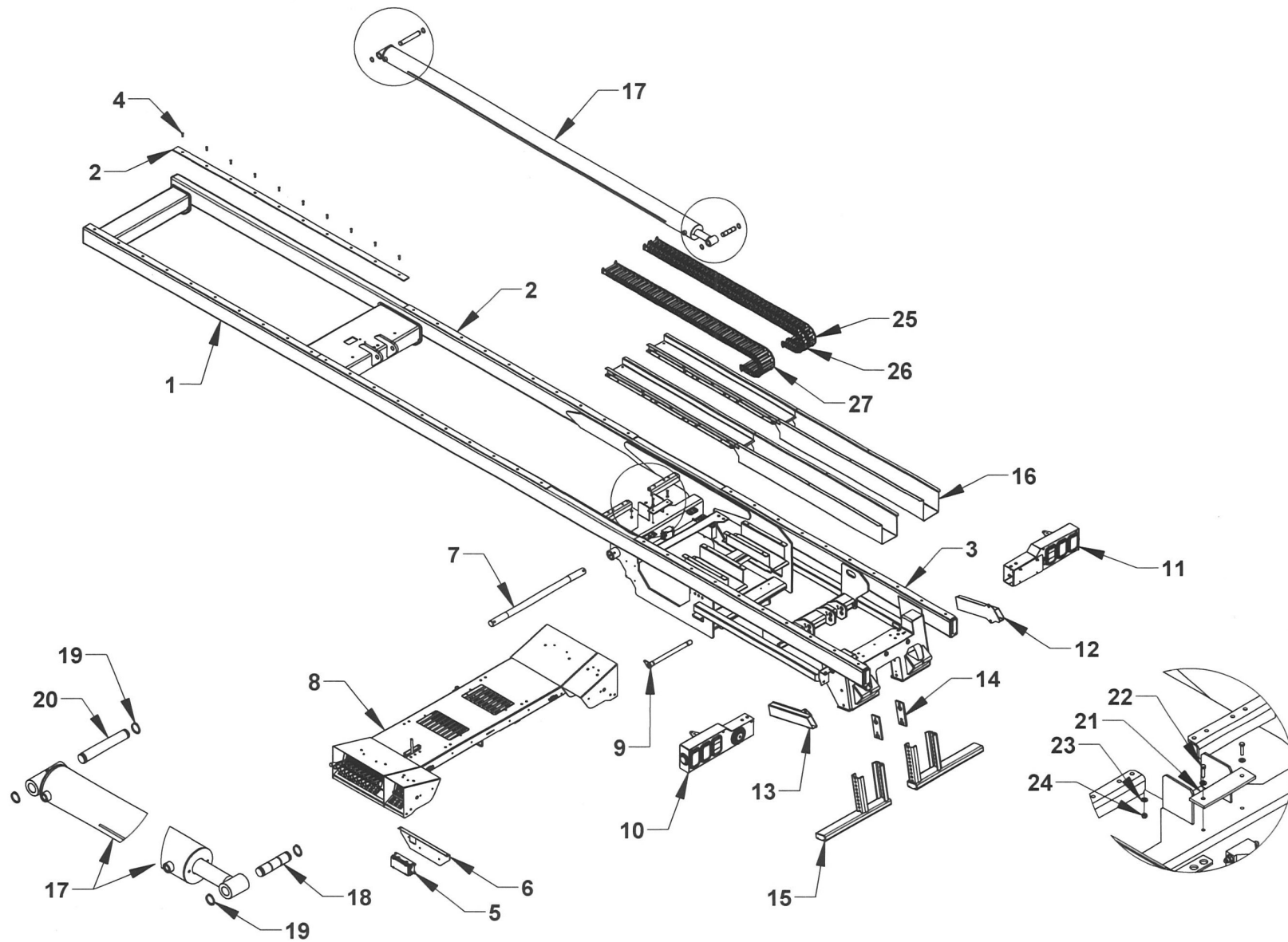
Section V - PARTS

SERIES 20 4-CAR GEN2 SUBFRAME COMPONENTS - 28 FT.

REF.	PART #	QTY	DESCRIPTION
1	0811181-28	1	SERIES 20 G2 4-CAR SUBFRAME
2	0308927-96	4	SUBFRAME BEARING PAD 5/16 x 2-1/4 x 96
3	0308927-96N	2	SUBFRAME BEARING PAD NYLATRON 5/16 x 2-1/4 x 96
4	04000321	60	BOLT 5/16 -18 x 1-1/4 COUNTERSUNK TORX ST
5	0303385	1	10 POST JUNCTION BOX
6	07008981	1	JUNCTION BOX MOUNTING ANGLE
7	07009240	1	S20 LCG HINGE PIN
8	183129	1	9-SPOOL CAPABLE CONTROL STATION
9	0809411U	1	WHEEL-LIFT BOOM HINGE PIN 1.230
10	0940327L	1	CHEVRON TAIL LIGHT HOUSING GROUP - LH
11	0940327R	1	CHEVRON TAIL LIGHT HOUSING GROUP - RH
12	0809287R	1	L-ARM STORAGE TUBE - 4K RIGHT (OPT) SLIDE-IN ARM
	160540R		L-ARM STORAGE TUBE - 4K RIGHT (OPTIONAL) - SCOOP
	160535R		L-ARM STORAGE TUBE - 4K RIGHT (STD) - DROP-IN
13	0809287L	1	L-ARM STORAGE TUBE - 4K LEFT (OPT) SLIDE-IN ARM
	160540L		L-ARM STORAGE TUBE - 4K LEFT (OPTIONAL) - SCOOP
	160535L		L-ARM STORAGE TUBE - 4K LEFT (STANDARD) - DROP-IN
14	0750409	2	STABILIZER WHEEL LIFT GUIDE PAD
15	0809188	2	STABILIZER EXTENSION STAND
16	0809908	1	DUAL BAY HOSE TRAY
17	72B35120	1	SLIDEBACK CYLINDER 4.5 BORE x 120 STROKE
18	32117	1	SLIDEBACK CYLINDER MOUNTING PIN 1.230
19	86125E	4	1-1/4 SNAP RING - EXTERNAL
20	13302010	1	SLIDEBACK CYLINDER MOUNTING PIN
21	07007627	1	CNV 20/30 G2 S/B CYLINDER SUPPORT PAD
22	0400103	2	BOLT 5/16-18 x 1-1/4 UNC HHCS
23	0400465	4	5/16 FLAT WASHER
24	0400382	2	NYLON LOCK NUT 5/16-18 UNC
25	09020734	1	IGUS 200.05.005 41 TRACK AND BOLT KIT
26	09020735	1	IGUS 200.03.005 41 TRACK AND BOLT KIT
27	09015009	1	IGUS 200.12.005 41 TRACK AND BOLT KIT

Section V - PARTS

SERIES 20 4-CAR GEN2 SUBFRAME COMPONENTS - 30 FT.



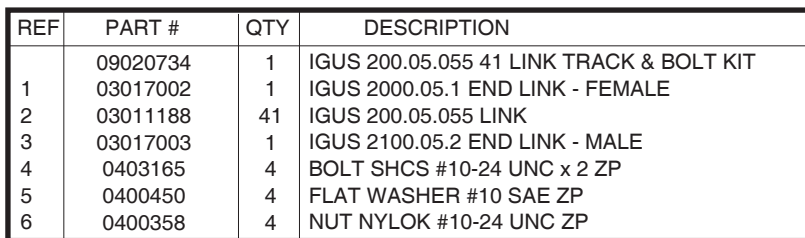
Section V - PARTS

SERIES 20 4-CAR GEN2 SUBFRAME COMPONENTS - 30 FT.

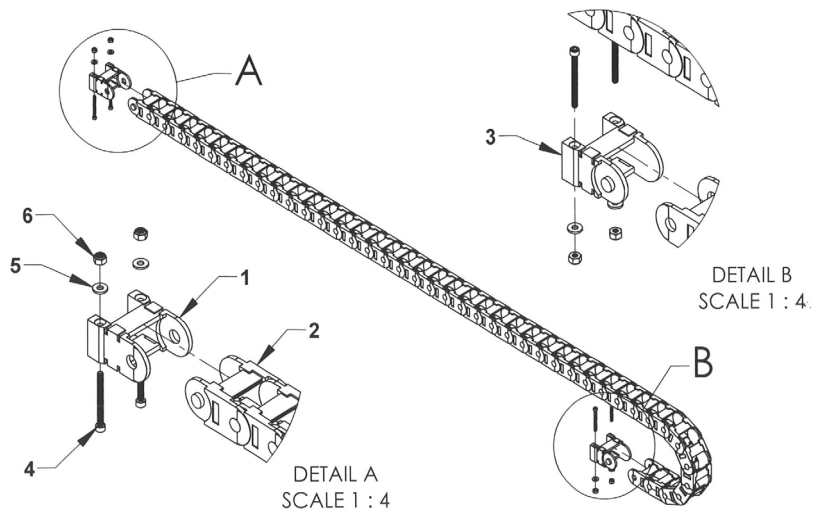
REF	PART #	QTY	DESCRIPTION
1	0811181-30	1	SERIES 20 G2 4-CAR SUBFRAME
2	0308927-96	4	SUBFRAME BEARING PAD 5/16 x 2-1/4 x 96
3	0308927-96N	2	SUBFRAME BEARING PAD NYLATRON 5/16 x 2-1/4 x 96
4	04000321	60	BOLT 5/16 -18 x 1-1/4 COUNTERSUNK TORX ST
5	0303385	1	10 POST JUNCTION BOX
6	07008981	1	JUNCTION BOX MOUNTING ANGLE
7	07009240	1	S20 LCG HINGE PIN
8	183129	1	9-SPOOL CAPABLE CONTROL STATION
9	0809411U	1	WHEEL-LIFT BOOM HINGE PIN 1.230
10	0940327L	1	CHEVRON TAIL LIGHT HOUSING GROUP - LH
11	0940327R	1	CHEVRON TAIL LIGHT HOUSING GROUP - RH
12	0809287R	1	L-ARM STORAGE TUBE - 4K RIGHT (OPT) SLIDE-IN ARM
	160540R		L-ARM STORAGE TUBE - 4K RIGHT (OPTIONAL) - SCOOP
	160535R		L-ARM STORAGE TUBE - 4K RIGHT (STD) - DROP-IN
13	0809287L	1	L-ARM STORAGE TUBE - 4K LEFT (OPT) SLIDE-IN ARM
	160540L		L-ARM STORAGE TUBE - 4K LEFT (OPTIONAL) - SCOOP
	160535L		L-ARM STORAGE TUBE - 4K LEFT (STANDARD) - DROP-IN
14	0750409	2	STABILIZER WHEEL LIFT GUIDE PAD
15	0809188	2	STABILIZER EXTENSION STAND
16	0809908	1	DUAL BAY HOSE TRAY
17	72B35120	1	SLIDEBACK CYLINDER 4.5 BORE x 120 STROKE
18	32117	1	SLIDEBACK CYLINDER MOUNTING PIN 1.230
19	86125E	4	1-1/4 SNAP RING - EXTERNAL
20	13302010	1	SLIDEBACK CYLINDER MOUNTING PIN
21	07007627	1	CNV 20/30 G2 S/B CYLINDER SUPPORT PAD
22	0400103	2	BOLT 5/16 x 1-1/4 UNC HHCS
23	0400465	4	5/16 FLAT WASHER
24	0400382	2	NYLON LOCK NUT 5/16-18 UNC
25	09020734	1	IGUS 200.05.005 41 TRACK AND BOLT KIT
26	09020735	1	IGUS 200.03.005 41 TRACK AND BOLT KIT
27	09015009	1	IGUS 200.12.005 41 TRACK AND BOLT KIT

IGUS TRACK AND BOLT KIT - 09020734

120" SLIDEBACK CYLINDER STROKE



Section V - PARTS
IGUS TRACK AND BOLT KIT - 09020735
120" SLIDEBACK CYLINDER STROKE

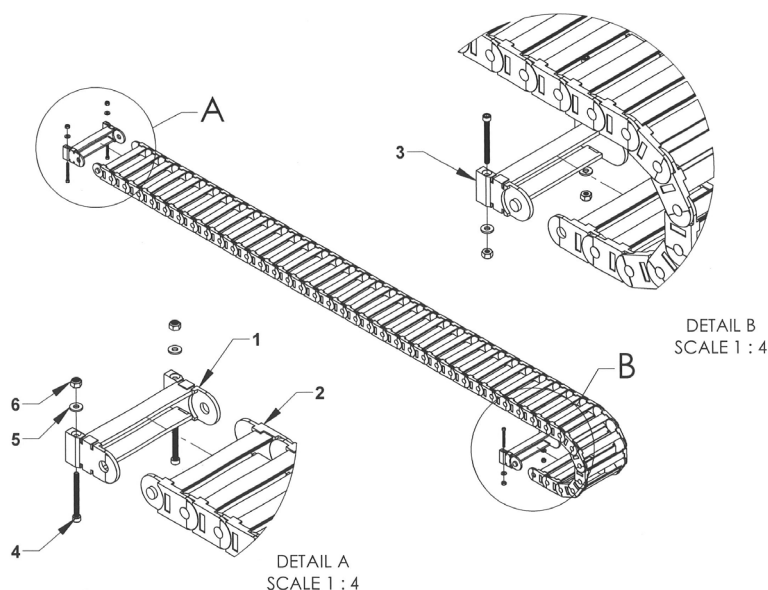


REF	PART #	QTY	DESCRIPTION
	09020735	1	IGUS 200.03.055 41 LINK TRACK & BOLT KIT
1	03017004	1	IGUS 2000.03.1 END LINK - FEMALE
2	03005615	45	IGUS 200.03.055 LINK
3	03017005	1	IGUS 2100.03.2 END LINK - MALE
4	0403165	4	BOLT SHCS #10-24 UNC x 2 ZP
5	0400450	4	FLAT WASHER #10 SAE ZP
6	0400358	4	NUT NYLOK #10-24 UNC ZP

Section V - PARTS

IGUS TRACK AND BOLT KIT - 09015009

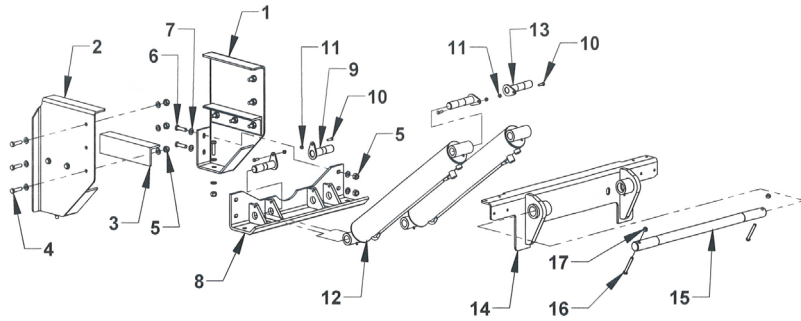
120" SLIDEBACK CYLINDER STROKE



REF	PART #	QTY	DESCRIPTION
	09015009	1	IGUS 200.12.055 41 LINK TRACK & BOLT KIT
1	03012432-02	1	IGUS 2000.05.1 END LINK - FEMALE
2	03012432-01	41	IGUS 200.12.055 LINK
3	03012432-03	1	IGUS 2100.125.2 END LINK - MALE
4	0403165	4	BOLT SHCS #10-24 UNC x 2 ZP
5	0400450	4	FLAT WASHER #10 SAE ZP
6	0400358	4	NUT NYLOK #10-24 UNC ZP

Section V - PARTS

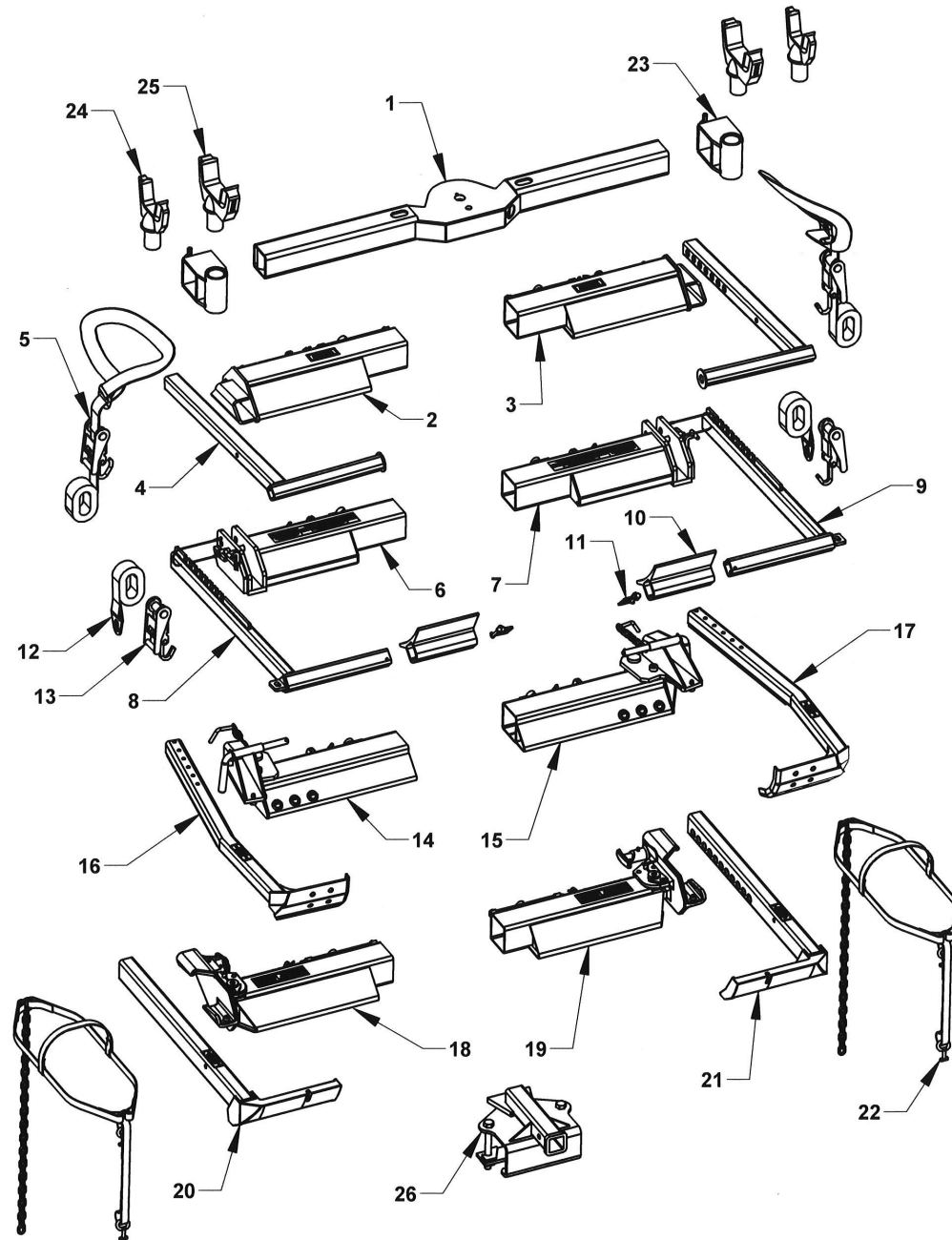
GEN 2 SERIES 20 4-CAR OUTBOARD SADDLES INBOARD TILT CYLINDERS



REF	PART #	QTY	DESCRIPTION
1	1A510R	1	TILT CYLINDER SADDLE - 24 IN. - RH
2	1A510L	1	TILT CYLINDER SADDLE - 24 IN. - LH
3	1A514	2	UNDERFRAME SUPPORT ANGLE
4	0400274	10	BOLT HHCS 5/8-11 UNC x 2 GR8
5	0400426	16	NUT NYLOK 5/8-11 UNC
6	0400254	6	BOLT HHCS 5/8-11 UNC x 2-1/2 GR5
7	0400505	26	WASHER 5/8
8	1A550	1	SADDLE CONNECTING ANGLE
9	1A555	2	PIN - TILT CYLINDER 1.480 x 5.750
10	0400148	4	BOLT HHCS 3/8-16 UNC x 1-1/2 GR 5
11	0400392	4	NUT NYLOK 3/8-16 UNC
12	72A450305	2	CYLINDER - CARRIER TILT 4.500 x 30.563
13	0809477	2	PIN - TILT CYLINDER 1.480 x 7.000
14	0811084	1	GEN2 HINGE ANGLE
15	07009240	1	HINGE PIN - 1.975 x 38.938
16	0400237	2	BOLT HHCS 1/2-13 UNC x 4 GR5
17	0400408	2	NUT NYLOK 1/2-13 UNC

Section V - PARTS

WHEEL-LIFT CROSSBAR ATTACHMENTS - 28 FT.



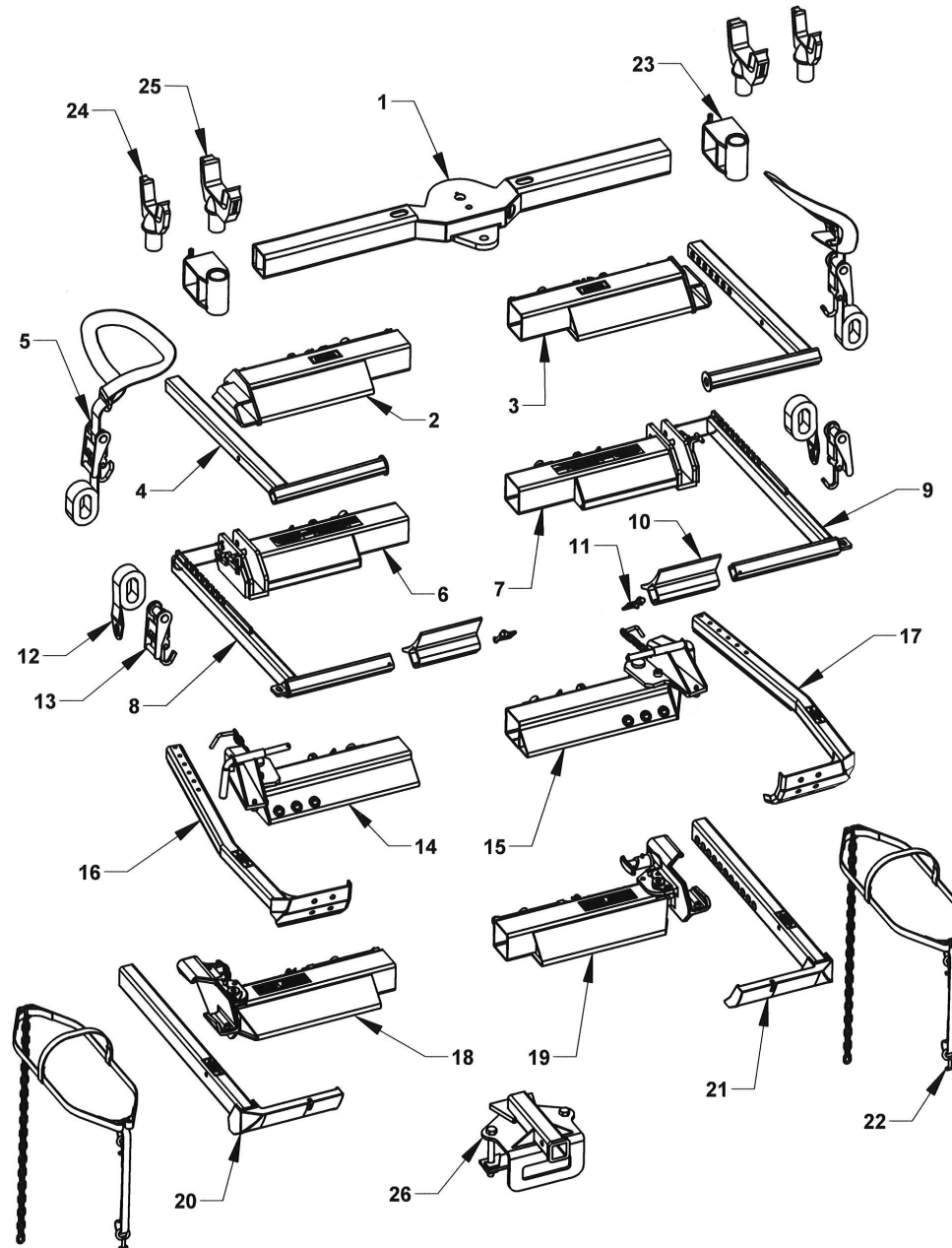
Section V - PARTS

WHEEL LIFT CROSSBAR ATTACHMENTS - 28 FT.

REF	PART #	QTY	DESCRIPTION
1	0811161	1	CROSSBAR 4K NO TOWBALL (3.5 x 3.5)
2	0909498L	1	4-INCH WHEEL GRID - LH
3	0909498R	1	4-INCH WHEEL GRID - RH
4	08006748	2	STEEL L-ARM 4000 LB
5	0308664	2	STRAP AND RATCHET PIVOT ASSEMBLY
6	0940434L	1	WHEEL GRID (DROP-IN L-ARM) - LH
7	0940434R	1	WHEEL GRID (DROP-IN L-ARM) - RH
8	65250L	1	4000 LB L-ARM - LH
9	65250R	1	4000 LB L-ARM - RH
10	65245	2	REMOVABLE PAN (CHEVRON)
11	84911	2	SAFETY PIN, 5/16 (CHEVRON)
12	65285	2	WHEEL STRAP WITH D-RING
13	65280A	2	RATCHET AND HOOK
14	8800800	1	LH WHEEL GRID
15	8800900	1	RH WHEEL GRID
16	8700190	1	LH WHEEL RETAINER
17	8700180	1	RH WHEEL RETAINER
18	0909499L	1	WHEEL GRID 3WP - LH
19	0909499R	1	WHEEL GRID 3WP - RH
20	0904156	1	3-WAY PIVOT L-ARM - LH
21	0904157	1	3-WAY PIVOT L-ARM - RH
22	0902382	2	1 INCH NYLON POLY COAT BASKET STRAP
	65287	2	BASKET TIRE STRAP - MEDIUM-LARGE, BLUE
23	65460	2	3-1/2 INCH FORK HOLDER
24	663530	2	FRAME FORK, 3 INCH CAST
25	663545	2	FRAME FORK SHORT, 4-1/2 INCH CAST
26	0940462	1	REESE HITCH RECEIVER, NO TOWBALL GEN2

Section V - PARTS

WHEEL-LIFT CROSSBAR ATTACHMENTS - 30 FT.



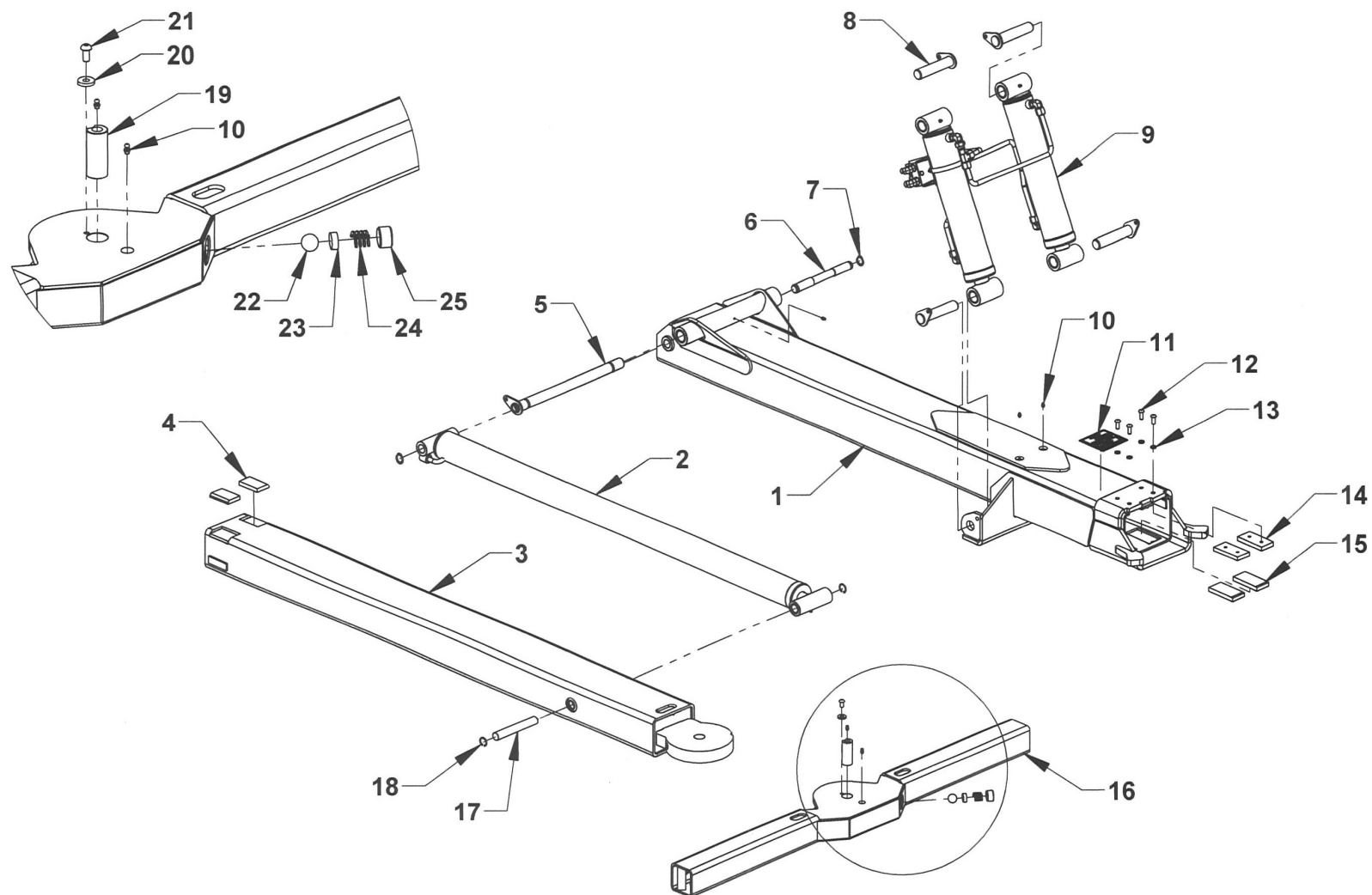
Section V - PARTS

WHEEL LIFT CROSSBAR ATTACHMENTS - 30 FT.

REF	PART #	QTY	DESCRIPTION
1	0811160	1	CROSSBAR 4K (3.5 x 3.5)
2	0909498L	1	4-INCH WHEEL GRID - LH
3	0909498R	1	4-INCH WHEEL GRID - RH
4	08006748	2	STEEL L-ARM 4000 LB
5	0308664	2	STRAP AND RATCHET PIVOT ASSEMBLY
6	0940434L	1	WHEEL GRID (DROP-IN L-ARM) - LH
7	0940434R	1	WHEEL GRID (DROP-IN L-ARM) - RH
8	65250L	1	4000 LB L-ARM - LH
9	65250R	1	4000 LB L-ARM - RH
10	65245	2	REMOVABLE PAN (CHEVRON)
11	84911	2	SAFETY PIN, 5/16 (CHEVRON)
12	65285	2	WHEEL STRAP WITH D-RING
13	65280A	2	RATCHET AND HOOK
14	8800800	1	LH WHEEL GRID
15	8800900	1	RH WHEEL GRID
16	8700190	1	LH WHEEL RETAINER
17	8700180	1	RH WHEEL RETAINER
18	0909499L	1	WHEEL GRID 3WP - LH
19	0909499R	1	WHEEL GRID 3WP - RH
20	0904156	1	3-WAY PIVOT L-ARM - LH
21	0904157	1	3-WAY PIVOT L-ARM - RH
22	0902382	2	1 INCH NYLON POLY COAT BASKET STRAP
	65287	2	BASKET TIRE STRAP - MEDIUM-LARGE, BLUE
23	65460	2	3-1/2 INCH FORK HOLDER
24	663530	2	FRAME FORK, 3 INCH CAST
25	663545	2	FRAME FORK SHORT, 4-1/2 INCH CAST
26	0940458	1	REESE HITCH RECEIVER, COMMON GEN2

Section V - PARTS

4,000 LB.WHEEL LIFT - 0940451 - 28



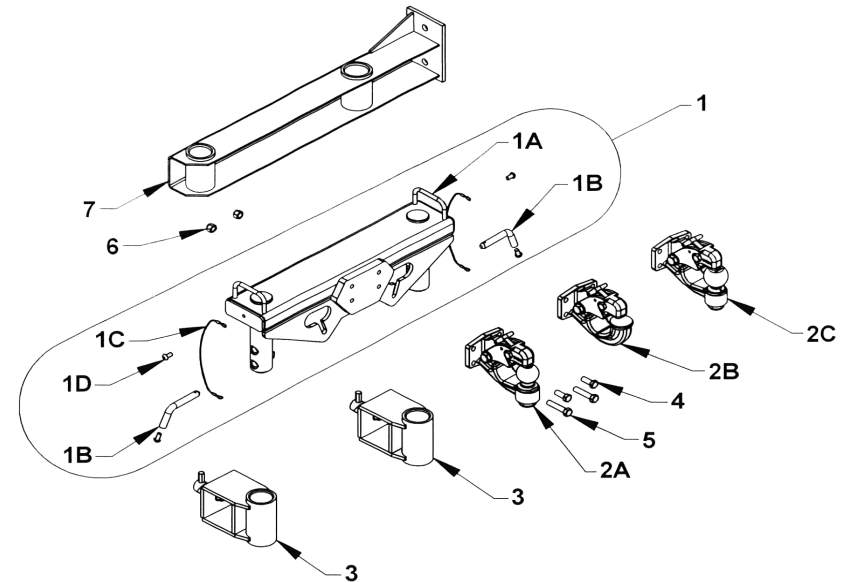
Section V - PARTS

4000 LB. WHEEL LIFT - 0940451-28

REF	PART #	QTY	DESCRIPTION
1	10270408	1	UNDERLIFT OUTER BOOM TUBE - 4K
2	72A30054	1	UNDERLIFT EXTEND CYLINDER 3 x 54
3	0811159	1	UNDERLIFT INNER BOOM TUBE - 4 K
4	65613	2	WEAR PAD 1/2 x 2 x 3
5	0809411U	1	WHEEL LIFT BOOM HINGE PIN
6	729352	1	PIN-CARRIER W/L EXTEND CYLINDER BASE
7	86100E	2	SNAP RING 1" EXTERNAL
8	14710	4	KEEPER PIN 1.23 x 5.50
9	72A33013	2	UNDERLIFT LIFT CYLINDER 3.25 BORE x 13 STROKE
	75FT33013	1	UNDERLIFT FLUID TUBE KIT
10	7B130	4	GREASE FITTING 1/4-28
11	0540041	1	UNDERLIFT RATING PLAT 4K
12	0403139	4	BOLT BHCS 3/8-16 UNC x 1
13	0400482	4	LOCK WASHER 3/8
14	63595H	2	WEAR PAD NYLATRON NSM 1/2 x 2 x 4 WITH HOLES
15	63595	2	WEAR PAD NYLATRON NSM 1/2 x 2 x 4
16	0811161	1	CROSSBAR 4K NO TOWBALL (3.5 x 3.5)
17	72940	1	CYLINDER PIN 0.980 x 6.625
18	86100I	2	SNAP RING 1" INTERNAL
19	0940433	1	CROSSBAR PIVOT PIN
20	0720463	1	WASHER PIVOT PIN RETAINER 3/8
21	0403004	1	BOLT BHCS 3/8-16 UNC x 3/4
22	0308129	1	DETENT BALL 1"
23	07003396	1	SPACER CROSSBAR DETENT
24	0308131	1	SPRING CROSSBAR DETENT
25	0308130	1	PLUG CROSSBAR DETENT

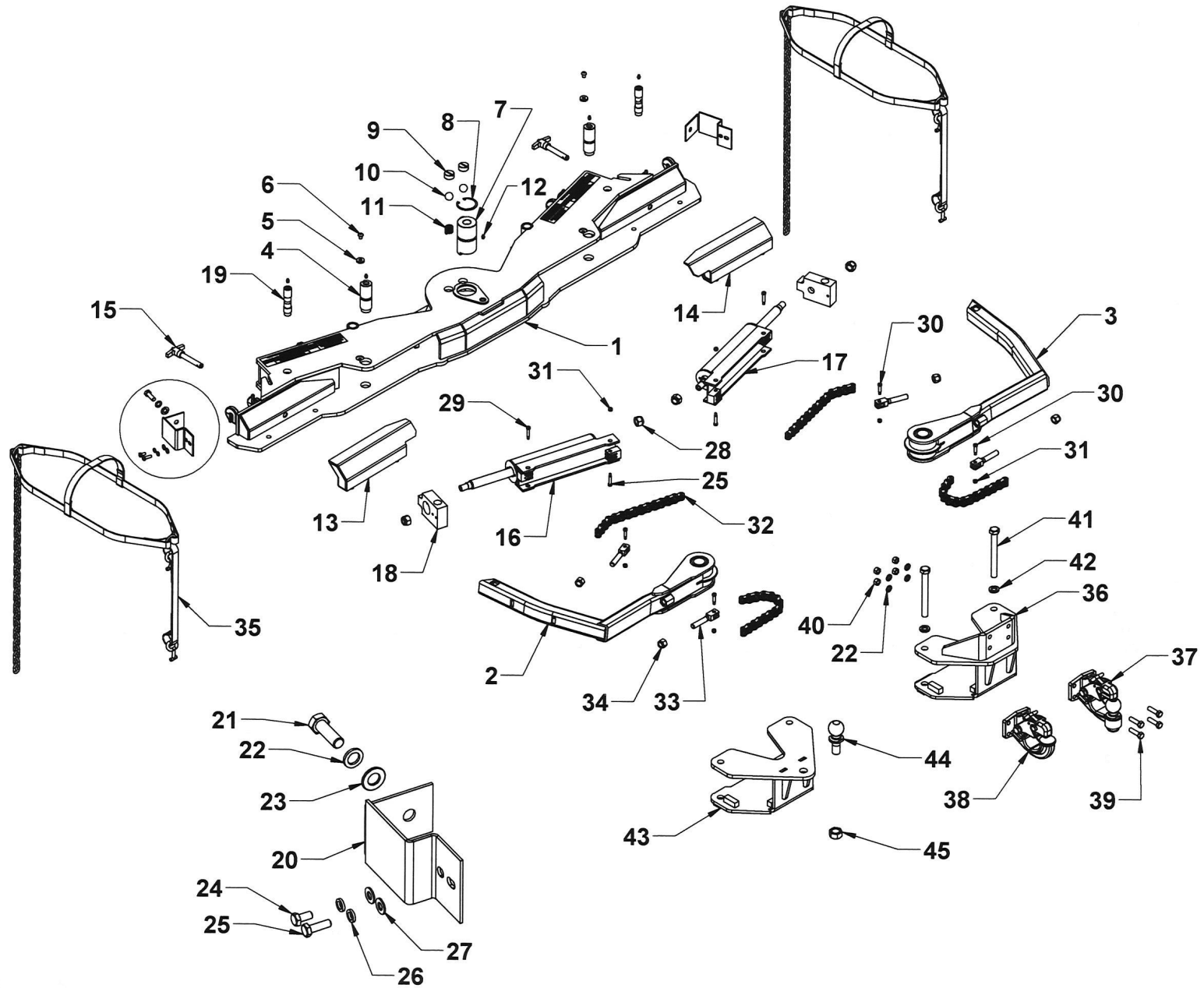
Section V - PARTS

PINTLE ATTACHMENT GROUP



REF	PART #	QTY	DESCRIPTION
1	66370G	1	PINTLE ATTACHMENT
1A	66370	1	PINTLE ATTACHMENT WELDMENT
1B	66378	2	RETAINING PIN
1C	65292	2	LANYARD
1D	0403004	4	BOLT BHCS 3/8-16 x 3/4
2A	174017159	1	TOW BALL PINTLE HITCH - 2 IN. BALL
2B	174017156	1	PINTLE HOOK
2C	174017172	1	TOW BALL PINTLE HITCH - 2-5/16 IN. BALL
3	65460	1	FORK HOLDER - 3.5 x 3.5
4	04000005	2	BOLT HHCS 1/2-13 x 1.25 GRADE 8 SECURE WITH LOCTITE
5	0403056	2	BOLT HHCS 1/2-13 x 2-1/2 GRADE 8
6	0400408	2	NUT, NYLOK 1/2-13
7	66385	1	PINTLE ATTACHMENT STORAGE BRACKET

Section V - PARTS
 AUTOGRIP II COMPONENTS



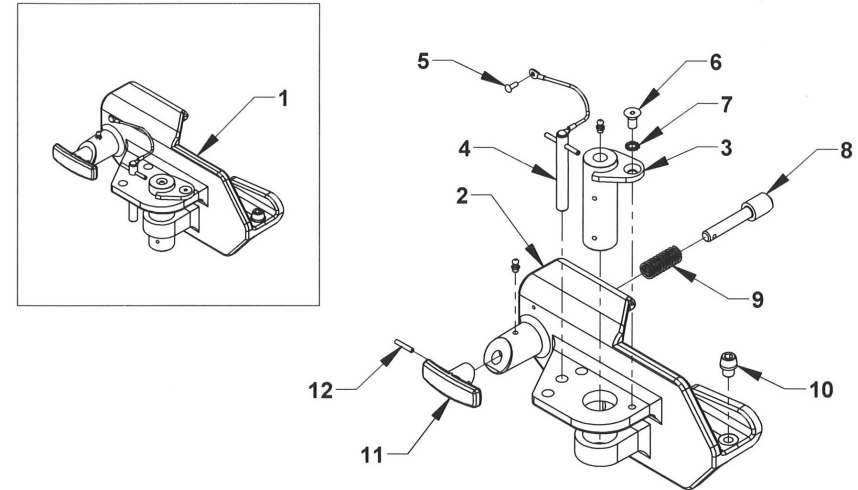
Section V - PARTS

AUTOGRIP II COMPONENTS

REF	PART #	QTY	DESCRIPTION
1	644002	1	CROSSBAR WELDMENT
2	644352CL	1	WHEEL RETAINER - LH
3	644352CR	1	WHEEL RETAINER - RH
4	644452	2	ARM PIVOT PIN
5	0720463	2	WASHER PIVOT PIN RETAINER - 3/8
6	0403140	2	BOLT BHCS 3/8-16 UNC x 1/2
7	644402	1	CROSSBAR PIN
8	86250I	2	SNAP RING 2.500 INCH INTERNAL
9	643272	2	SCREW-PLUG CROSSBAR DETENT
10	0308129	2	BALL, CHROME 1" (GRADE 16/25)
11	03000066	2	AUTOGRIP GEN2 DETENT SPRING
12	7B130	5	GREASE FITTING 1/4-28
13	697402L	1	WHEEL SPACER - LH
14	697402R	1	WHEEL SPACER - RH
15	84291	2	T-PIN 5/8 x 3
16	720152L	1	WHEEL RETAINER CYLINDER - LH
17	720152R	1	WHEEL RETAINER CYLINDER - RH
18	727162	2	L-ARM CYLINDER END BLOCK
19	644432	2	WHEEL RETAINER CYLINDER PIN
20	644292	2	HOSE GUARD
21	0400181	2	BOLT, HHCS 1/2-13 x 1-1/2 GR5
22	0400491	6	LOCK WASHER 1/2
23	0400467	2	FLAT WASHER 1/2
24	04012132	2	BOLT HHCS 5/16-18 x 5/8 GR5
25	0400109	2	BOLT HHCS 5/16-18 x 1 GR5
26	0400464	4	LOCK WASHER 5/16
27	0400465	4	FLAT WASHER 5/16
28	0400430	4	NYLON LOCK NUT 3/4-10
29	0403163	4	BOLT SHCS 5/16 x 1-1/4 SHOULDER 1/4-20
30	0403164	4	BOLT SHCS 5/16 x 1 SHOULDER 1/4-20
31	0400367	8	NYLON LOCK NUT 1/4-20
32	87440	4	AUTOGRIP ARM CHAIN
33	64441	4	CHAIN CLEVIS
34	0400421	4	NYLON LOCK NUT 5/8-11
35	0902382	2	1 INCH NYLON POLY-COAT BASKET STRAP
	65287		BLUE BASKET TIRE STRAP - TRUCK (OPTIONAL)
36	694520	1	AUTOGRIP PINTLE ADAPTOR (OPTIONAL)
37	174017159	1	PINTLE BALL ATTACHMENT (OPTIONAL)
38	174017156	1	PINTLE HOOK ATTACHMENT (OPTIONAL)
39	0403058	4	BOLT, HHCS 1/2-13 x 1-3/4 GR8
40	0400407	4	HEX NUT 1/2-13 UNC
41	0403092	2	BOLT, HHCS 3/4-10 x 7 GR8
42	0403082	2	LOCK WASHER 3/4
43	08011929	1	AUTOGRIP TOWBALL ADAPTOR (OPTIONAL)
44	03004649	1	TOWBALL
45	83711	1	NUT 1.000" RAMCO LOCK

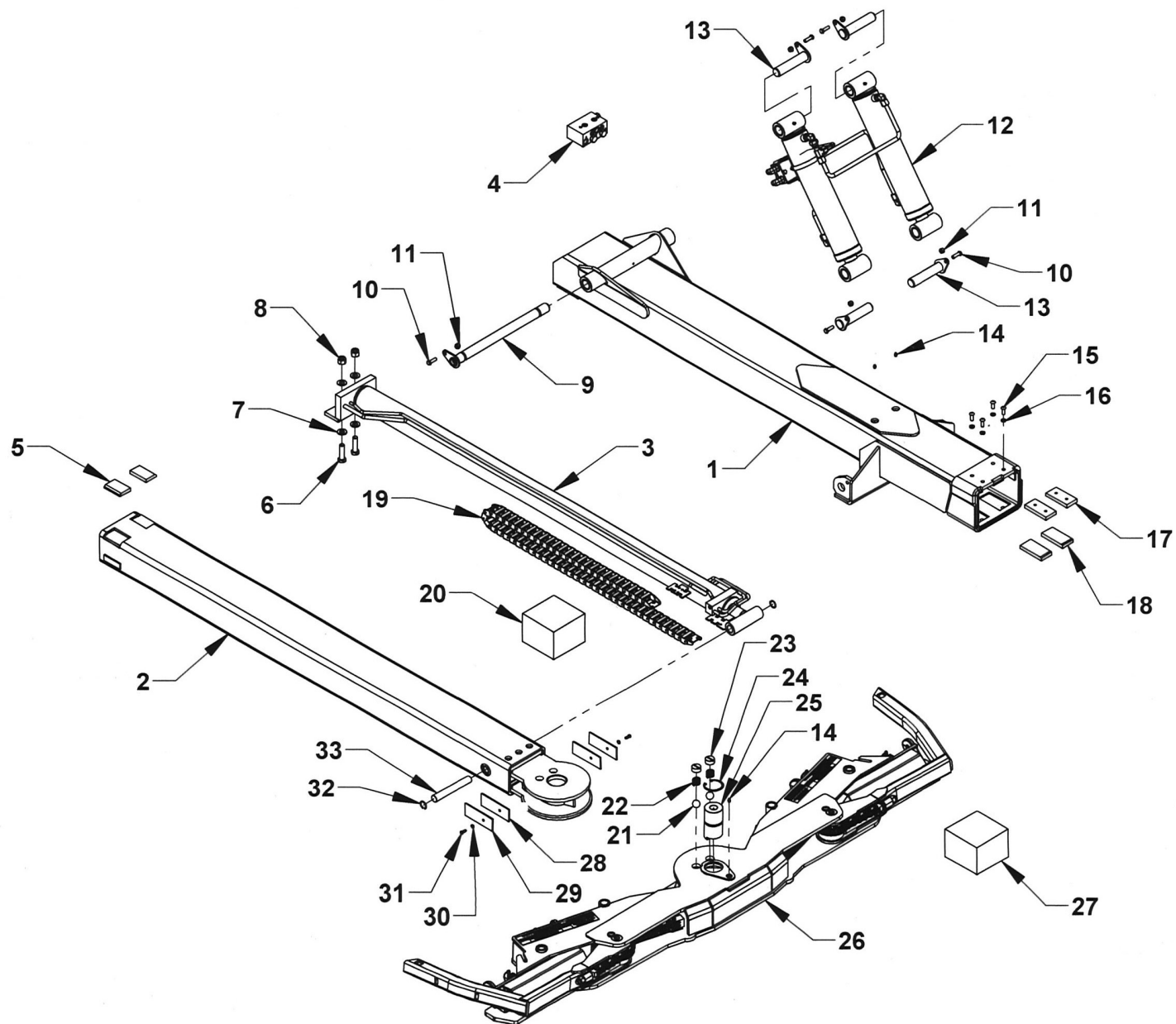
Section V - PARTS

PIVOT L-ARM RECEIVER GROUP



REF	PART #	QTY	DESCRIPTION
1	09007328L	1	PIVOT L-ARM RECEIVER GROUP - LH
	09007328R		PIVOT L-ARM RECEIVER GROUP - RH
2	0719079	1	PIVOT L-ARM RECEIVER CASTING - LH
	0719080		PIVOT L-ARM RECEIVER CASTING - RH
3	0802187	1	L-ARM RECEIVER CASTING PIVOT PIN
4	0904744	1	PIN ASSEMBLY
	0714415		PIVOT LOCK PIN
	0303918	1	LANYARD
	0400044	1	DRIVE SCREW #10-24 x 1/2 ROUND HEAD
5	0400044	1	DRIVE SCREW #10-24 x 1/2 ROUND HEAD
6	0400349	1	SCREW 3/8-16 x 1/2 FHSC
7	0400481	1	LOCK WASHER 3/8 EXTERNAL TOOTH
8	0707505	1	7/8 CAM PIN
9	0302641	1	CAM PIN SPRING
10	0712933	1	SCREW 1/2-13 x 1/2 TAPERED SOCKET CAP
11	0302648	1	T-HANDLE
12	0400559	1	ROLL PIN 3/16 -1

Section V - PARTS
AUTOGRIP II WHEEL LIFT

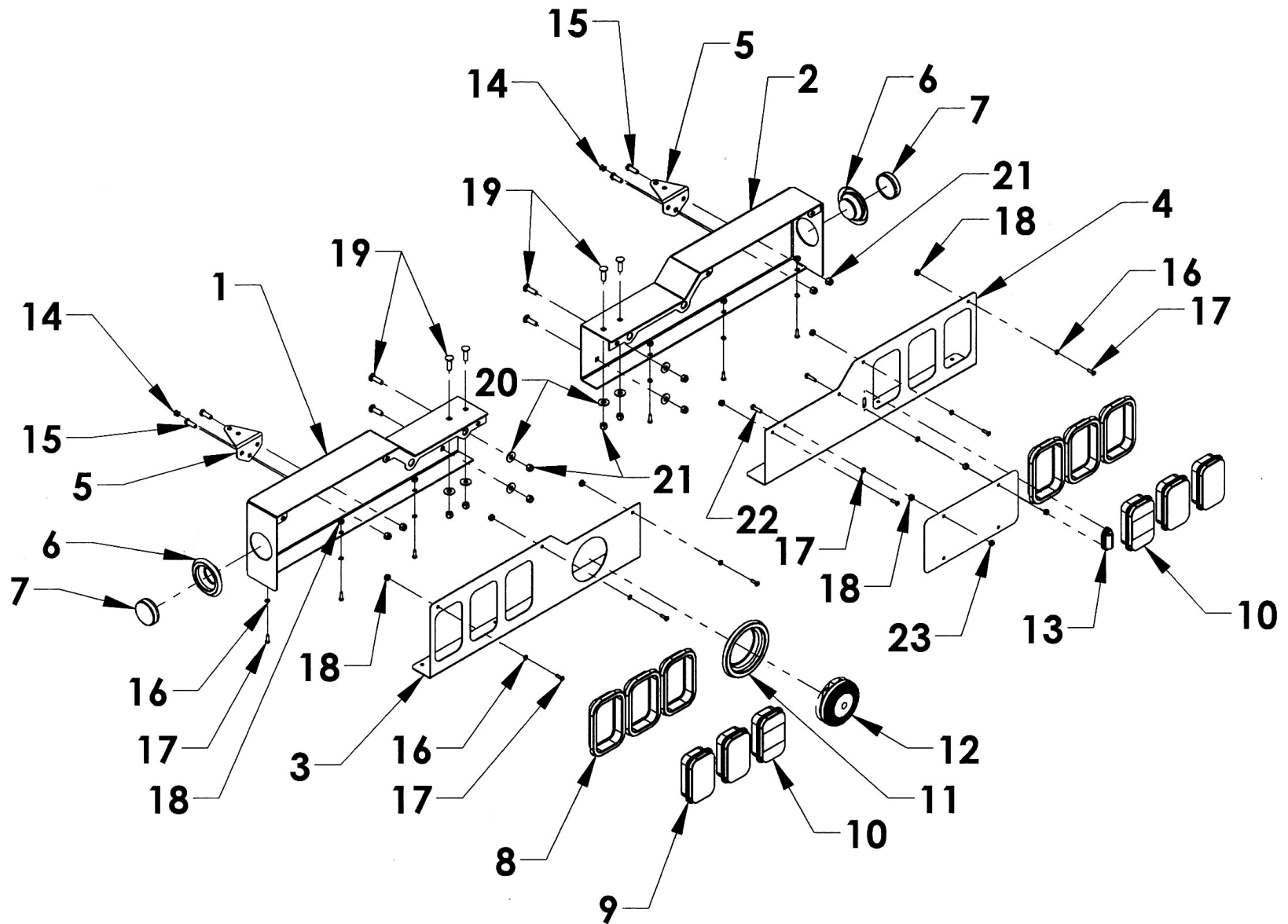


Section V - PARTS

AUTOGRIP WHEEL LIFT

REF.	PART #	QTY	DESCRIPTION
1	10270410	1	AUTOGRIP OUTER BOOM TUBE - GEN2 LCG 4K
2	08021745	1	AUTOGRIP INNER TUBE GEN3
3	72136	1	AUTOGRIP EXTEND CYLINDER - CARRIER
4	74341	1	FLOW DIVIDER COUNTER BALANCE VALVE
5	65613	2	WEAR PAD 1/2 x 2 x 3 NSM BEVELED
6	0403141	2	BOLT HHCS 5/8-11 UNC x 2-1/4
7	0400505	4	FLAT WASHER 5/8
8	0400421	2	NYLON LOCK NUT 5/8-11 UNC
9	0809411U	1	WHEEL LIFT BOOM HINGE PIN
10	0400122	5	BOLT, HHCS 3/8-16 UNC x 1-1/4
11	0400392	5	NYLON LOCK NUT 3/8-16 UNC
12	72A33013	2	LIFT CYLINDER 3.25 BORE x 1.75 x 13.00 STROKE
	75FT330113	1	LIFT CYLINDER FLUID TUBE KIT
13	14710	4	KEEPER PIN 1.23 x 5.50
14	7B130	3	GREASE FITTING 1/4-28 UNF
15	0403139	4	BOLT, BHCS 3/8-16 UNC x 1
16	0400482	4	LOCK WASHER 3/8"
17	63595H	2	WEAR PAD NYLATRON NSM 1/2 x 2 x 4 WITH HOLES
18	63595	2	WEAR PAD NYLATRON NSM 1/2 x 2 x 4
19	69757	1	AUTOGRIP HOSE TRACK 58 LINKS
20	75048	1	HOSE KIT IGUS TRACK
21	0308129	2	BALL CHROME 1" (GRADE 16/25)
22	0300066	2	AUTOGRIP DETENT SPRING GEN2
23	643272	2	AUTOGRIP DETENT SCREW GEN2
24	86250I	1	SNAP RING 2-1/2" INTERNAL
25	644402	1	AUTOGRIP CROSSBAR PIVOT PIN GEN2
26	644002CA	1	AUTOGRIP CROSSBAR GEN2
27	75048C	1	HOSE KIT ARM CYLINDERS
28	64304R	2	RUBBER GASKET FOR 64304C
29	64304C	2	HOSE CLAMP FOR SIDE OF AUTOGRIP II YOKE
30	0400452	2	LOCK WASHER 1/4"
31	0403142	2	BOLT, BUTTON HEAD 1/4-20 x 3/4
32	86100I	2	SNAP RING 1" INTERNAL
33	72940	1	CYLINDER PIN 0.980 x 6-5/8

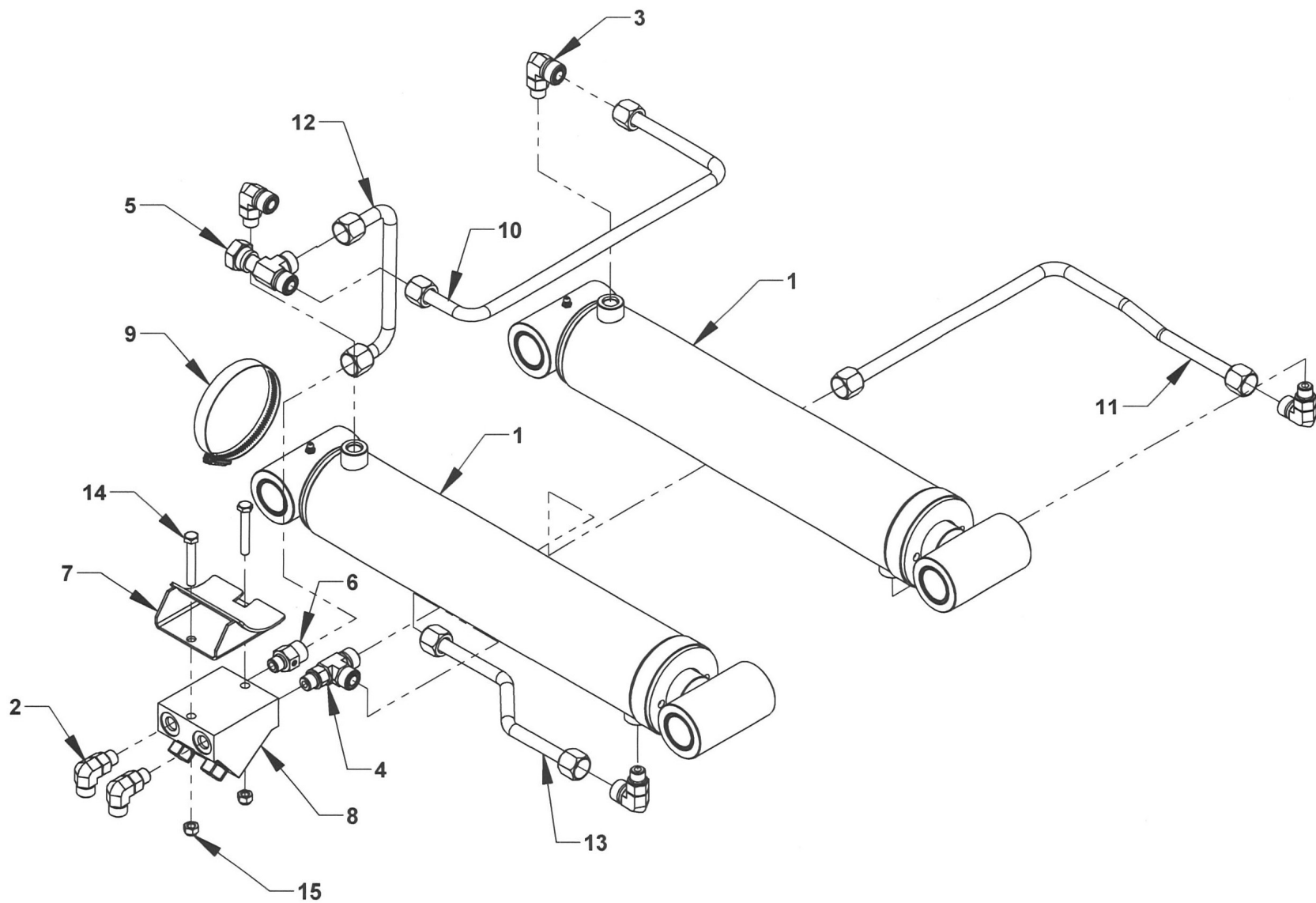
Section V - PARTS
TAIL LIGHT COMPONENTS



Section V - PARTS
TAIL LIGHT COMPONENTS

REF	PART	QTY#	DESCRIPTION
1	0809517L	1	TAIL LIGHT HOUSING WELDMENT - LEFT
2	0809517R	1	TAIL LIGHT HOUSING WELDMENT - RIGHT
3	196152L	1	12/16/20 LCG TAIL LIGHT BEZEL - LEFT G2
4	196152R	1	12/16/20 LCG TAIL LIGHT BEZEL - RIGHT G2
5	0750672	2	WORK LIGHT MOUNTING BRACKET
6	0311516	2	2-1/2 IN. MARKER LIGHT GROMMET
7	0311512	2	2-1/2 IN. RED MARKER LIGHT
8	0311511	6	CARRIER TAIL LIGHT GROMMET
9	0311507	4	RECTANGULAR RED LIGHT
10	0311510	2	CARRIER BACK UP LIGHT
11	0311528	1	BACK UP ALARM GROMMET
12	0306385	1	BACK UP ALARM
13	0311525	1	LICENSE PLATE LIGHT
14	0306050	2	TAIL LIGHT WIRE GROMMET
15	0400126	4	BOLT, HHCS 3/8-16 UNC x 1
16	0400452	14	LOCK WASHER - 1/4
17	0400071	12	BOLT, RHMS 1/4-20 UNC x 3/4
18	0400366	14	HEX NUT 1/4-20 UNC
19	0400156	8	BOLT, CARRIAGE 3/8-16 UNC x 1-1/4 SS
20	0400480	8	FLAT WASHER - 3/8
21	0400392	12	NYLON LOCK NUT 3/8-16 UNC
22	0403043	2	BOLT, HHCS 1/4-20 UNC x 1
23	0400367	2	NYLON LOCK NUT 1/4-20 UNC

Section V - PARTS
UNDERLIFT CYLINDER FLUID TUBE GROUP

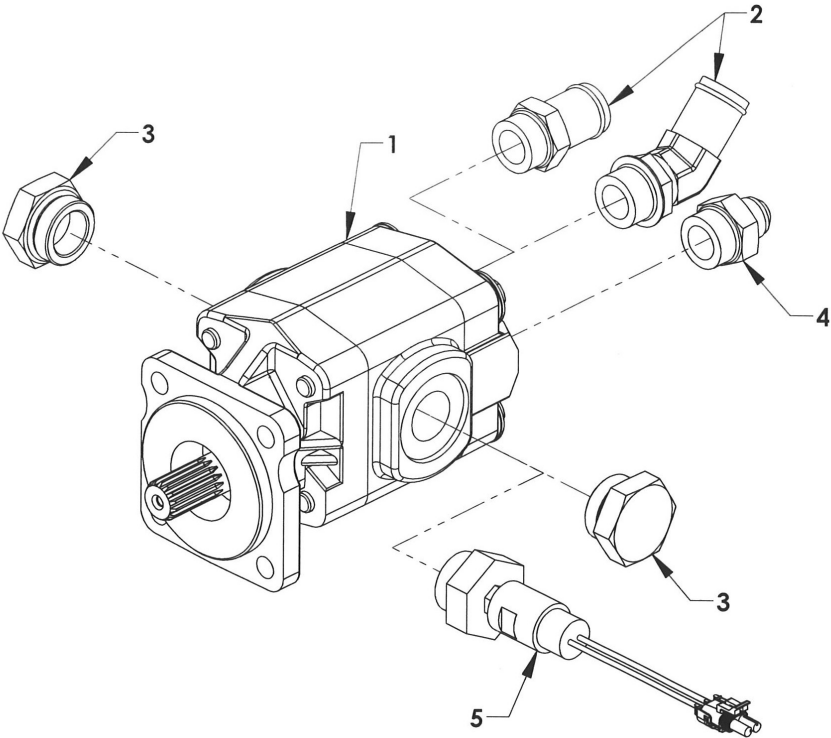


Section V - PARTS

UNDERLIFT CYLINDER FLUID TUBE GROUP

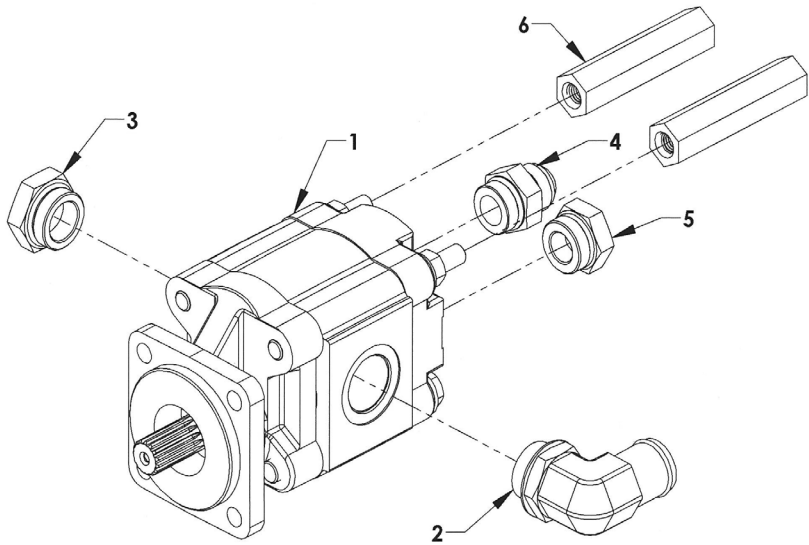
REF.	PART #	QTY	DESCRIPTION
1	72A33013	2	LIFT CYLINDER 3.25 x 1.75 x 13.00
2	ADPTR-FF1868T0606S	2	ADAPTER 90 ORS/ORB 6 x 6
3	ADPTR-FF1868T0806S	4	ADAPTER 90 ORS/ORB 8 x 6
4	ADPTR-FF1865T0806S	1	ADAPTER TEE ORS/ORS/ORB 8 x 8 x 6
5	ADPTR-FF2114T0808S	1	ADAPTER TEE ORS 8 x 8
6	ADPTR-FF1852T0806	1	ADAPTER STRAIGHT ORS/ORB 8 x 6
7	0809875-325	1	UNDERLIFT VALVE MOUNTING BRACKET
8	74345	1	DUAL COUNTERBALANCE VALVE CBCG-XVN
9	030317065	1	BAND CLAMP #56 4 x 9/16 SS
10	72A33013L2	1	UNDERLIFT FLUID TUBE ASSEMBLY - LH
11	72A33013L1	1	UNDERLIFT FLUID TUBE ASSEMBLY - LH
12	72A33013R2	1	UNDERLIFT FLUID TUBE ASSEMBLY - RH
13	72A33013R1	1	UNDERLIFT FLUID TUBE ASSEMBLY - RH
14	0400824	2	BOLT HHCS 5/16-18 UNC x 1-3/4 GR5 ZINC
15	0400382	2	NYLON LOCK NUT 5/16-18 UNC GR5 ZINC

Section V - PARTS
DIRECT MOUNT PUMP - 17 GPM



REF	PART #	QTY	DESCRIPTION
1	0320144	1	17 GPM , 1 IN.15 SPLINE SHAFT, SAE 4-BOLT FLANGE
2	03006339	1	#16-45 M O-RING x 1-1/4 M NIPPLE
	77C82	1	#16 M O-RING x 1-1/4 NIPPLE
3	77620	2	1-1/4 O-RING PLUG 900598-20
4	0301368	1	#16 M O-RING X 3/4 MJIC
5	090943	1	PRESSURE TRANSDUCER (OPTIONAL)

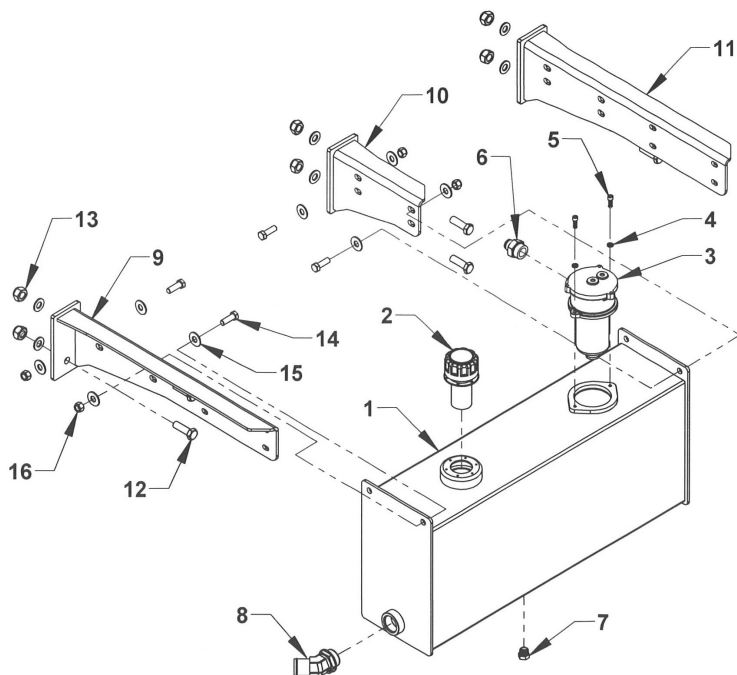
Section V - PARTS
DIRECT MOUNT PUMP - 24 GPM



REF	PART #	QTY	DESCRIPTION
1	78006	1	PUMP-24 GPM , 1 IN. 15 SPLINE SHAFT, SAE 4-BOLT FLANGE
2	77C92	1	1-1/4 x 90 M-M O-RING x 1-1/2 NIPPLE
3	77620	1	1-1/4 O-RING PLUG 900598-20
4	03006344	1	1 O-RING x 1 JICF 202702 - 16 x 16
5	77616	1	1 O-RING PLUG 900598-16
6	04000561	1	MAT, 9/16 & 5/8 UNC COUPLING

Section V - PARTS

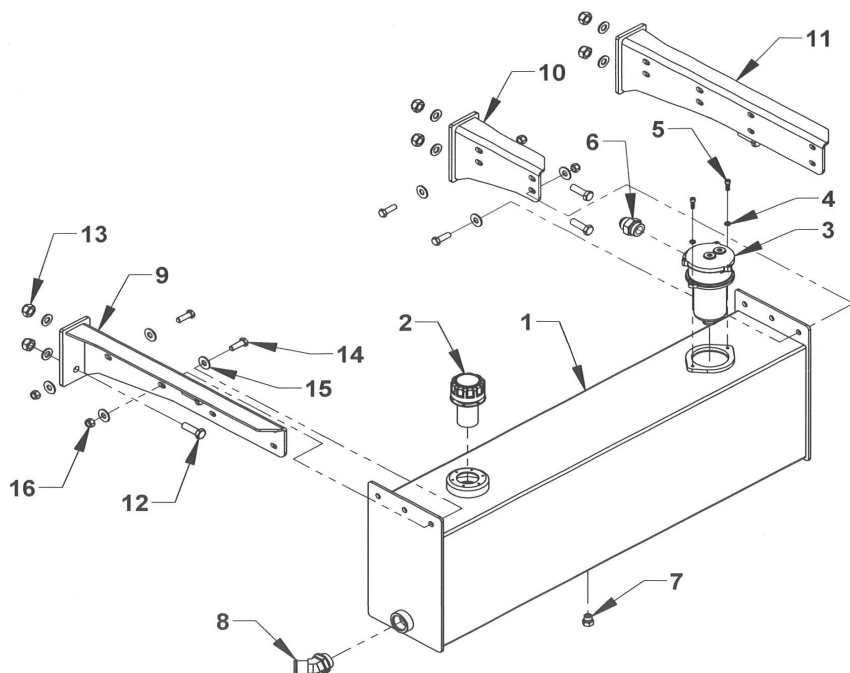
14 GAL. OUTBOARD OIL TANK GROUP-762110G (CONVENTIONAL CARRIER)



REF	PART #	QTY	DESCRIPTION
1	762110	1	14 GAL. OUTBOARD OIL TANK WELDMENT
2	76213G	1	FILLER BREATHER CAP ASSEMBLY
3	76270	1	FILTER ASSEMBLY
	76271	1	REPLACEMENT FILTER ELEMENT
4	0402118	2	LOCK WASHER 5/16 SS
5	04001427	2	BHCS SCHS 5/16-18 UNC x 7/8 SS
6	0301368	1	ADAPTOR 202702 16 x 12
7	03006085	1	ADAPTOR 900598-8 (MAGNETIC DRAIN PLUG)
8	03006341	1	20 x 24 SUCTION HOSE FITTING 45°
9	37855L	1	TANK MTG. BRACKET - LH
	37858L	1	TANK MTG. BRACKET (SHORT) - LH
10	37858R	1	TANK MTG. BRACKET (SHORT) -RH
11	37855R	1	TANK MTG. BRACKET - RH
12	0400274	6	BOLT 5/8-11 x 2 UNC GR8
13	0400426	6	NYLON LOCK NUT 5/8-11 UNC ZINC PLATED
14	0400181	6	BOLT 1/2-13 UNC x 1-1/2 GR5
15	0400492	8	FLAT WASHER 1/2 ZINC PLATED
16	0403100	4	NYLON LOCK NUT 1/2-13 UNC ZINC PLATED

Section V - PARTS

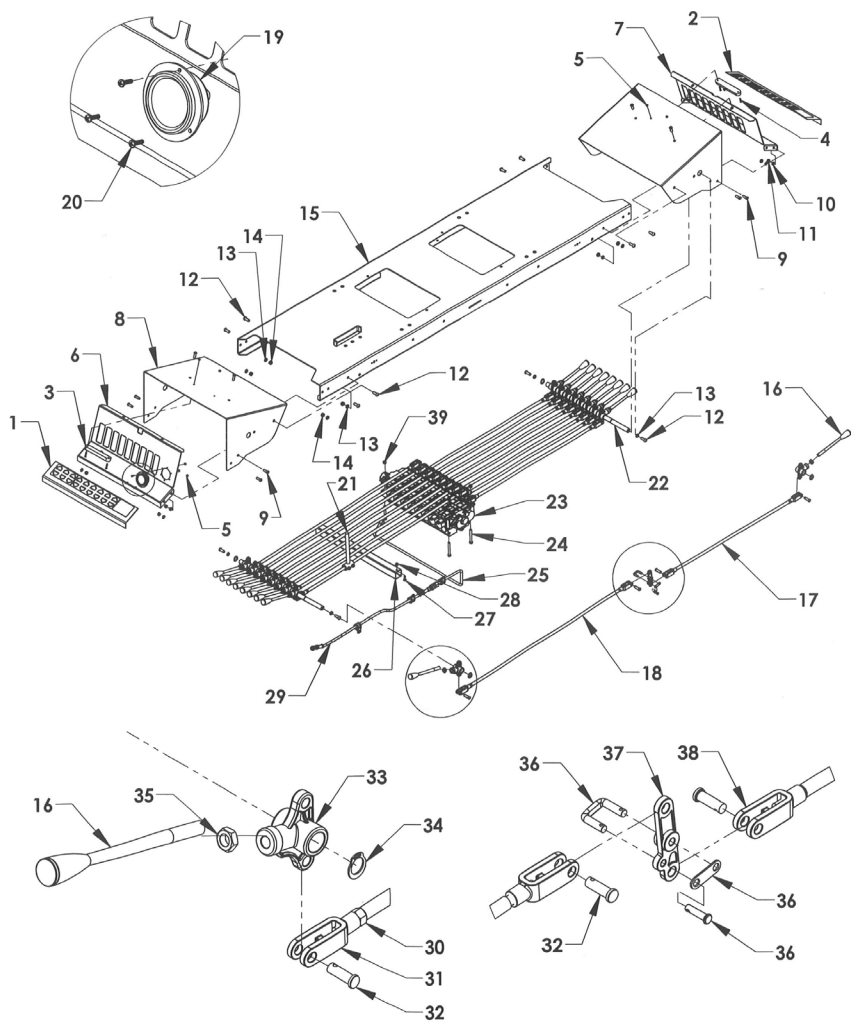
OUTBOARD 24 GALLON HYDRAULIC TANK GROUP



REF	PART #	QTY	DESCRIPTION
1	0809490	1	24 GAL. OUTBOARD OIL TANK WELDMENT
2	76213G	1	FILLER BREATHER CAP ASSEMBLY
3	76270	1	FILTER ASSEMBLY
	76271	1	REPLACEMENT FILTER ELEMENT
4	0402118	2	LOCK WASHER 5/16 SS
5	04001427	2	BHCS SCHS 5/16-18 UNC x 7/8 SS
6	0301368	1	ADAPTOR 202702 16 x 12
7	03006085	1	ADAPTOR 900598-8 (MAGNETIC DRAIN PLUG)
8	03006341	1	20 x 24 SUCTION HOSE FITTING 45°
9	37855L	1	TANK MTG. BRACKET - LH
	37858L	1	TANK MTG. BRACKET (SHORT) - LH
10	37858R	1	TANK MTG. BRACKET (SHORT) - RH
11	37855R	1	TANK MTG. BRACKET - RH
12	0400274	6	BOLT 5/8-11 x 2 UNC GR8
13	0400426	6	NYLON LOCK NUT 5/8-11 UNC ZINC PLATED
14	0400181	6	BOLT 1/2-13 UNC x 1-1/2 GR5
15	0400492	8	FLAT WASHER 1/2 ZINC PLATED
16	0403100	4	NYLON LOCK NUT 1/2-13 UNC ZINC PLATED

Section V - PARTS

9-SPOOL CONTROL STATION



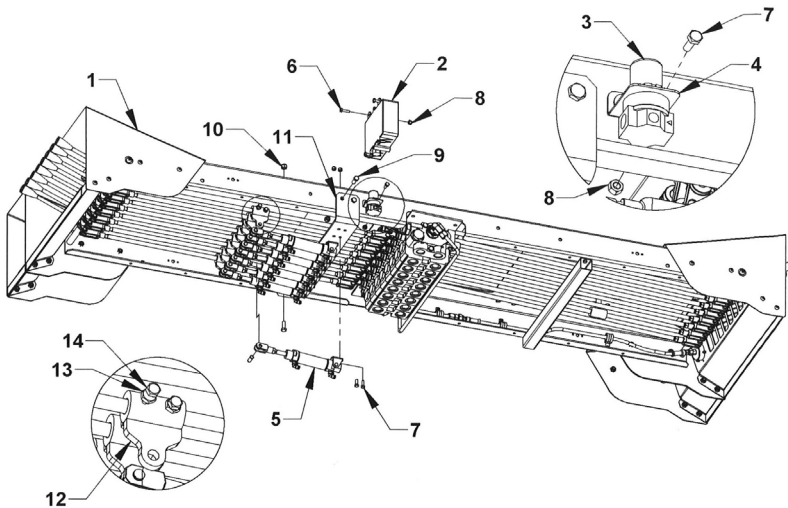
Section V - PARTS

9-SPOOL CONTROL STATION

REF	PART #	QTY	DESCRIPTION
1	18219L	1	CONTROL PLACARD 4-CAR AUTOGRIP - LH
	18218L	1	CONTROL PLACARD 4-CAR CARRIER- LH
	18224L	1	CONTROL PLACARD SIDEPULLER OVERLAY - LH
	18235L	1	CONTROL PLACARD DUAL DECK - LH
	18236L	1	CONTROL PLACARD DUAL DECK AG OVERLAY-LH
2	18219R	1	CONTROL PLACARD 4-CAR AUTOGRIP - RH
	18218R	1	CONTROL PLACARD 4-CAR CARRIER - RH
	18224R	1	CONTROL PLACARD SIDEPULLER OVERLAY-RH
	18235R	1	CONTROL PLACARD DUAL DECK - RH
	18236R	1	CONTROL PLACARD DUAL DECK AG OVERLAY-RH
3	0320162	2	LED CONTROL STATION LIGHT - 6 IN.
4	04000281	4	SCREW, PHILLIPS #6-32 UNC x 7/8
5	04000262	7	NYLON LOCK NUT #6-32 SS
6	0752654L	1	CONTROL PANEL - LH
7	0752654R	1	CONTROL PANEL - RH
8	0752653	2	CONTROL HOOD
9	0403079	12	BHCS 5/16-18 UNC x 5/8
10	0402118	12	LOCK WASHER 5/16, SS
11	0403074	12	HEX NUT 5/16-18 UNC
12	04001085	12	BHCS 3/8-16 UNC x 1, SS
13	0402121	12	LOCK WASHER 3/8 SS
14	0402122	8	NYLON LOCK NUT 3/8-16 UNC
15	181289W	1	CONTROL BOX ARM WELDMENT - 79.5 IN
16	0320048-GY	6	CONTROL HANDLE 8" - GRAY
	0320048-RD	4	CONTROL HANDLE 8" - RED
	0320048-BL	6	CONTROL HANDLE 8" - BLUE
	0320048-GR	2	CONTROL HANDLE 8" - GREEN
17	7A528W	9	CONTROL ROD 28-1/2
18	7A538W	9	CONTROL ROD 37-3/4
19	0320157	1	PRESSURE GAUGE HYDRAULIC - 2 IN.
20	04000282	3	SCREW PHILLIPS #6-32 x 1/2
21	0809904	1	ANTI-TILT CONTROL ROD WELDMENT
22	7A5753-20	2	CONTROL HANDLE CROSS ROD 3/4 x 20-3/4
23	74118	1	VALVE BODY GRESSEN 8-SPOOL
	74119	1	VALVE BODY GRESSEN 9 SPOOL
24	0403169	3	HHCS 5/16-18 UNC x 2-3/4
25	0752718-8	1	CONTROL STATION GAUGE FLUID TUBE - 8 SP
	0752718-9	1	CONTROL STATION GAUGE FLUID TUBE - 9 SP
26	18336	1	CONTROL STATION WIRE TUBE - 9 SPOOL
27	0400366	2	HHCS 1/4-20 UNC x 3/4
28	0400367	2	NYLON LOCK NUT 1/4-20 UNC
29	0320169	1	PRESSURE GAUGE HOSE
30	0403115	18	NUT 3/8-24 UNF RH
31	84530	18	CLEVIS -RH THREAD 3/8-24
32	84620	36	CLEVIS PIN 3/8 x 1-1/8
33	7A1155	18	CONTROL HANDLE PIVOT BASE
34	86075E	4	SNAP RING 3/4 EXTERNAL
35	0400410	18	1/2-13 UNC JAM NUT ZP
36	7A010	9	CLEVIS PIN AND LINK ASSEMBLY
37	7A121	9	BELL CRANK
38	84540	18	CLEVIS - LH THREAD 3/8-24
39	0400382	3	NYLON LOCK NUT 5/16-18 UNC

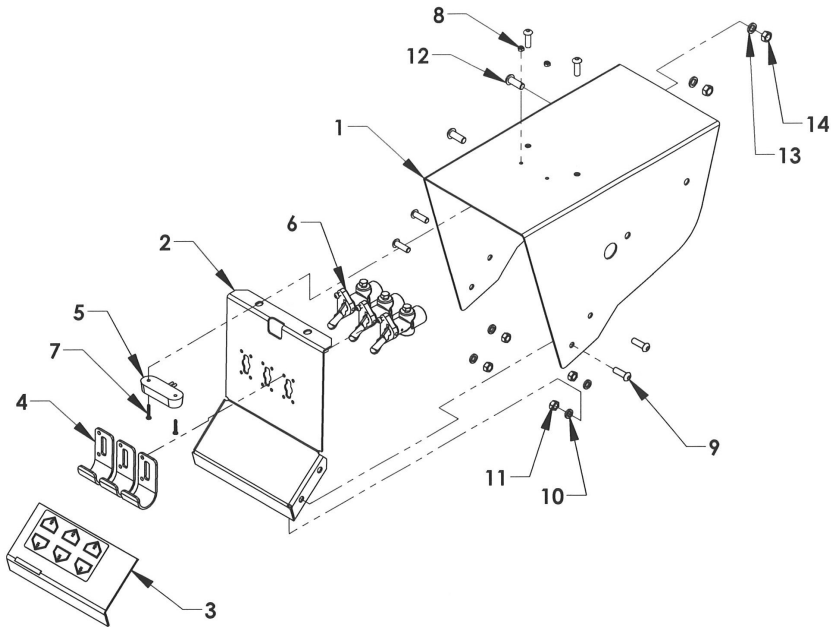
Section V - PARTS

REMOTE AIR CYLINDERS 9-SPOOL



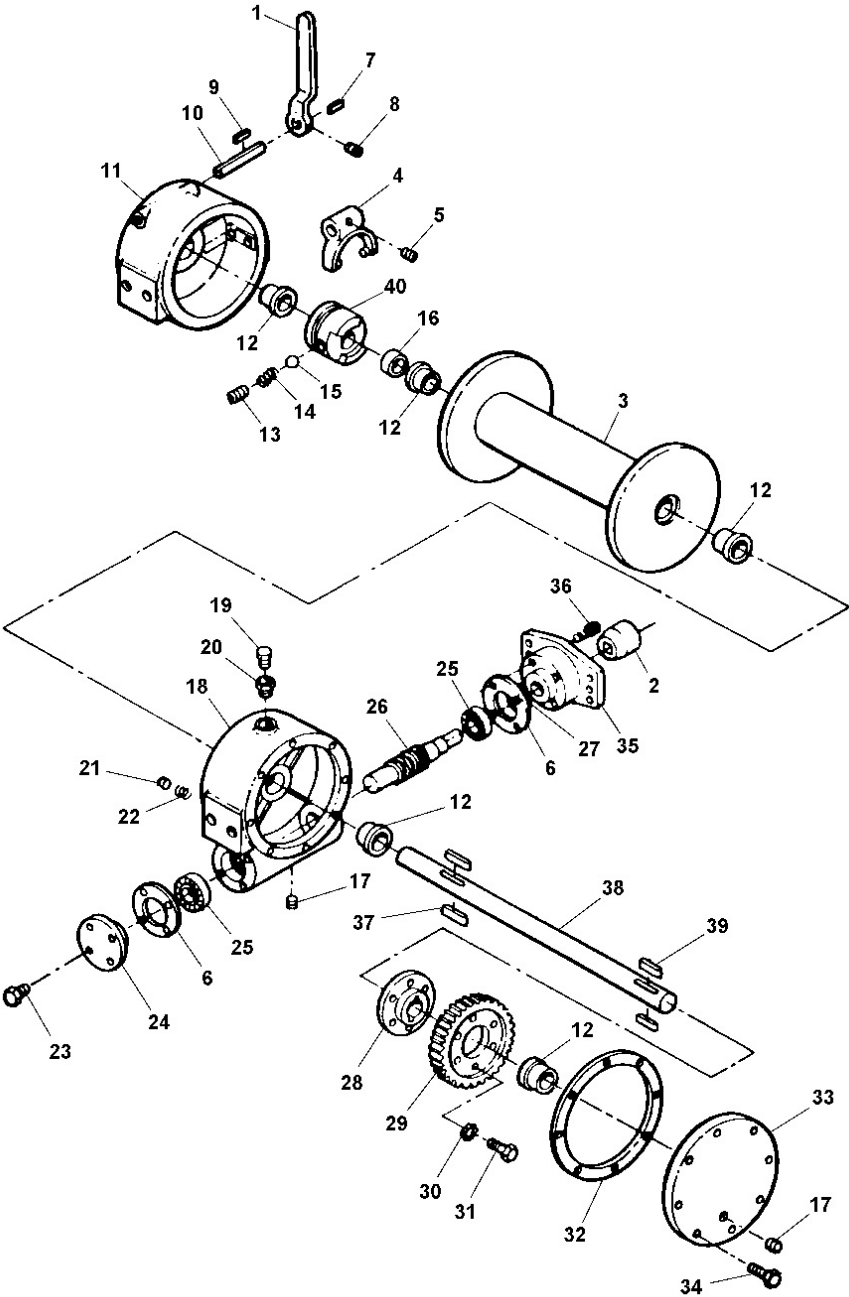
REF.	PART #	QTY	DESCRIPTION
1	183129	1	9-SPOOL CONTROL STATION
2	0308726-2	1	RADIO CONTROL RECEIVER BOX 2-FUNCTION
	0308726-4		RADIO CONTROL RECEIVER BOX 4-FUNCTION
	0308726-6		RADIO CONTROL RECEIVER BOX 6-FUNCTION
	0308726-8		RADIO CONTROL RECEIVER BOX 8-FUNCTION
	0308726-10		RADIO CONTROL RECEIVER BOX 10-FUNCTION
	0308726-12		RADIO CONTROL RECEIVER BOX 12-FUNCTION
	0308726-16		RADIO CONTROL RECEIVER BOX 16-FUNCTION
3	71713	1	AIR PRESSURE REGULATOR
4	0752351	1	AIR PRESSURE REGULATOR MTG BRACKET
5	0308711	X	AIR CYLINDER 2 INCH STROKE
6	0403043	3	BOLT HHCS 1/4-20 UNC x 1 GR5
7	0400066	X	BOLT HHCS 1/4-20 UNC x 3/4 GR5
8	0400367	X	NUT NYLOK 1/4-20 UNC
9	0400126	4	BOLT HHCS 3/8-18 UNC x 1 GR5
10	0400392	4	NUT NYLOK 3/8-16 UNC
11	181391	1	AIR CYLINDER MTG BRKT 9-SPOOL GEN2
12	0809905	X	BOLT-ON AIR CYLINDER PLATE WELDMENT
13	0400366	X	NUT HEX 1/4-20 UNC
14	0400059	X	BOLT HHCS 1/4-20 UNC x 5/8 GR5

Section V - PARTS **3 AIR VALVE CONTROL STATION**



REF	PART #	QTY	DESCRIPTION
1	0752657	1	3-TOGGLE AIR VALVE CONTROL HOOD
2	0752658L	1	3-TOGGLE AIR VALVE CONTROL PANEL - LH
	0752658R	1	3-TOGGLE AIR VALVE CONTROL PANEL - RH
3	18211L	1	3-TOGGLE AIR VALVE CONTROL PLACARD - LH
	18211R	1	3-TOGGLE AIR VALVE CONTROL PLACARD - RH
4	18145	2	TOGGLE AIR GUARD
5	0320161	1	CONTROL LIGHT
6	71716	2	TOGGLE AIR VALVE
7	04000281	2	SCREW PRH #6-32 UNC x 7/8 SS
8	0403147	2	NUT, NYLON #6-32 UNC SS
9	0403079	6	BOLT BHCS 5/16-18 UNC x 1 SS
10	0402118	6	LOCK WASHER 5./16 SS
11	0403074	6	NUT, NYLON 5/16-18 UNC SS
12	04001085	2	BOLT HHCS 3/8-16 UNC x 1 SS
13	0402121	2	LOCK WASHER 3/8-16 SS
14	0402122	2	NUT, NYLON 3/8-16 UNC

Section V - PARTS
RAMSEY 234 HYDRAULIC WINCH



Section V - PARTS

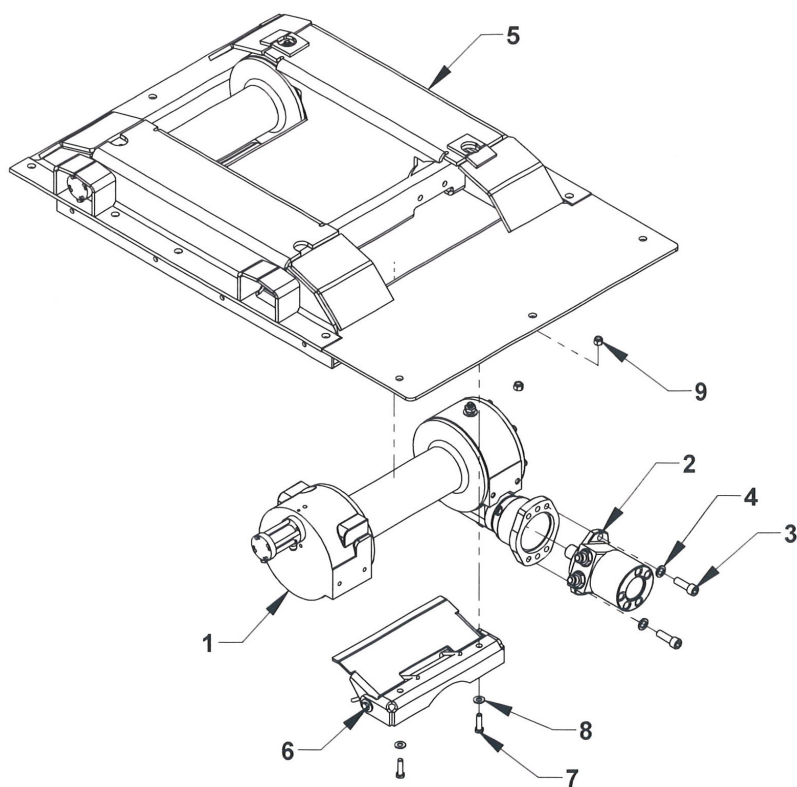
RAMSEY 234 HYDRAULIC WINCH

REF	PART #	QTY	DESCRIPTION
1	0300261	1	LEVER
2	0300290	1	COUPLING
3	0300381	1	DRUM
4	0300398	1	YOKE
5	0300399	1	SCREW
6	0300447	2	GASKET
7	0300448	1	KEY
8	0300449	1	SCREW
9	0300450	1	KEY
10	0300451	1	SHAFT
11	0300452	1	CLUTCH HOUSING
12	0300453	5	BUSHING
13	0300454	1	SCREW
14	0300455	1	SPRING
15	0300456	1	BALL
16	0300458	1	SPACER
17	0300459	2	PLUG
18	0300460	1	HOUSING
19	0300461	1	PLUG
20	0300462	1	REDUCER
21	0300463	1	DRAG BRAKE
22	0300464	1	SPRING
23	0300465	16	SCREW
24	0300466	1	CAP
25	0300467	2	BEARING
26	0300468	1	WORM
27	0300471	1	SEAL
28	0300472	1	HUB
29	0300473	1	GEAR
30	0300474	6	WASHER
31	0300475	6	SCREW
32	0300476	1	GASKET
33	0600477	1	COVER
34	0300569	4	SCREW
35	0300694	1	CAP ADAPTOR
36	0300695	1	SCREW
37	--	2	KEY
38	--	1	SHAFT
39	--	2	KEY
40	--	1	CLUTCH
41	0308608	1	TORSION SPRING
	0308698	1	4 TON WORM WINCH ASSEMBLY

* When ordering specify winch serial number.

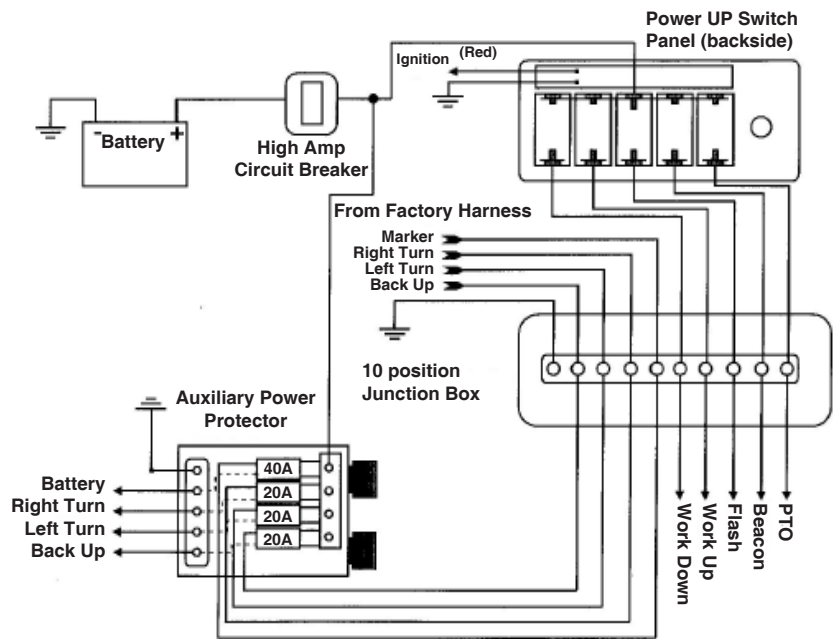
Section V - PARTS

RAMSEY DUAL 8K WINCHES
AIR SHIFT



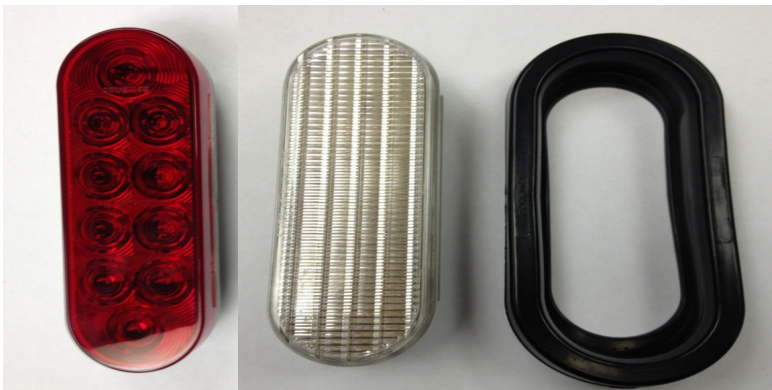
REF	PART #	QTY	DESCRIPTION
1	71104A	2	RAMSEY 4 TON WINCH AIR SHIFT
2	0320147	2	RAMSEY WINCH MOTOR - 5 CUBIC INCH
3	0400238	4	SOCKET HEAD CAP SCREW 1/2-13 UNC
4	0400491	4	LOCK WASHER 1/2
5	31040	1	RAMSEY 4-CAR WINCH MOUNTING FRAME
6	A902210	2	RAMSEY SPRING TENSIONER
7	0400122	4	BOLT, HHCS 3/8-16 UNC x 1-1/4 GR5
8	0400480	4	WASHER 3/8
9	0400392	4	NYLON LOCK NUT 3/8-16 UNC

Section V - PARTS
OPTIONAL DASHBOARD PANEL

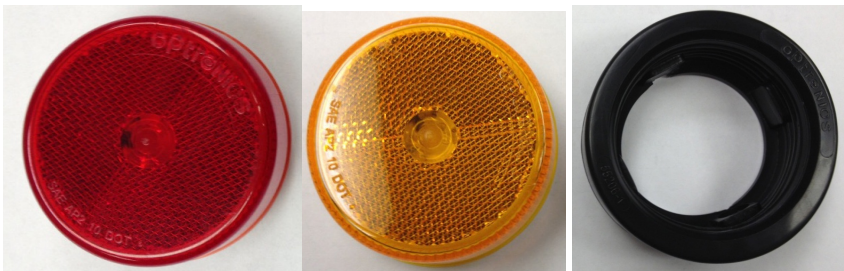


Section V - PARTS

LIGHT KIT



REF. NO.	PART NUMBER	DESCRIPTION
1	0311498	LIGHT 6" OVAL RED LED - STOP/TURN
2	0311500	LIGHT 6" OVAL REVERSE LED
3	3011503	LIGHT 6" GROMMET



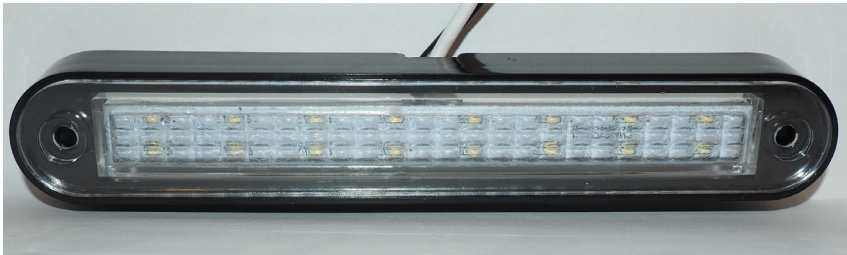
REF. NO.	PART NUMBER	DESCRIPTION
1	0311512	LIGHT 2.5" RED REFLEX LED (MCL59RB)
2	0311513	LIGHT 2.5" AMBER REFLEX LED (MCL59AB)
3	0311516	LIGHT 2.5" GROMMET

Section V - PARTS

LIGHT KIT



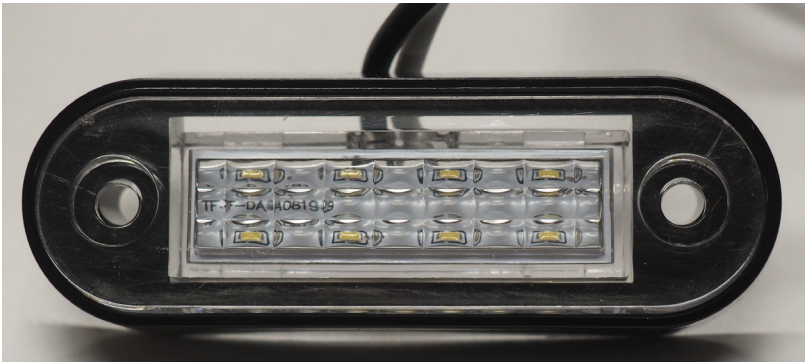
REF. NO.	PART NUMBER	DESCRIPTION
1	0311514	LIGHT 2.5" ROUND CLEAR/RED LED MARKER LIGHT
2	0311515	LIGHT 2.5" ROUND CLEAR/AMBER LED MARKER LIGHT
3	3011516	LIGHT 2.5" GROMMET



REF. NO.	PART NUMBER	DESCRIPTION
1	0320162	6 IN. CONTROL STATION LED LIGHT

Section V - PARTS

LIGHT KIT & PRESSURE GAUGE



REF. NO.	PART NUMBER	DESCRIPTION
1	0320161	3 IN. CONTROL STATION LED LIGHT



REF. NO.	PART NUMBER	DESCRIPTION
1	0320157	2 IN. HYDRAULIC PRESSURE GAUGE

Section V - PARTS

LIGHT KIT



REF. NO.	PART NUMBER	DESCRIPTION
1	0311519	RED 3/4 LED ICC LIGHT



REF. NO.	PART NUMBER	DESCRIPTION
1	0311520	RED 3/4 LED LIGHT

Section V - PARTS

LIGHT KIT



REF. NO.	PART NUMBER	DESCRIPTION
1	0311521	AMBER 3/4 ROUND LED LIGHT



REF. NO.	PART NUMBER	DESCRIPTION
1	0311522	CLEAR/RED 3/4 ROUND LED LIGHT



REF. NO.	PART NUMBER	DESCRIPTION
1	0311523	CLEAR/AMBER 3/4 ROUND LED LIGHT

Section V - PARTS

LIGHT KIT



REF. NO.	PART NUMBER	DESCRIPTION
1	0308359	MARKER LIGHT RED REFLEX LED



REF. NO.	PART NUMBER	DESCRIPTION
1	0308360	MARKER LIGHT AMBER REFLEX LED

Section V - PARTS

LIGHT KIT



REF. NO.	PART NUMBER	DESCRIPTION
1	0308969R	MARKER LIGHT RED REFLEX LED



REF. NO.	PART NUMBER	DESCRIPTION
1	0308969A	MARKER LIGHT AMBER REFLEX LED

Section V - PARTS

LIGHT KIT



REF. NO.	PART NUMBER	DESCRIPTION
1	0312578	MILLENNIUM MARKER LIGHT CLEAR/AMBER



REF. NO.	PART NUMBER	DESCRIPTION
1	0312579	MILLENNIUM MARKER LIGHT CLEAR/RED

Section V - PARTS

LIGHT KIT



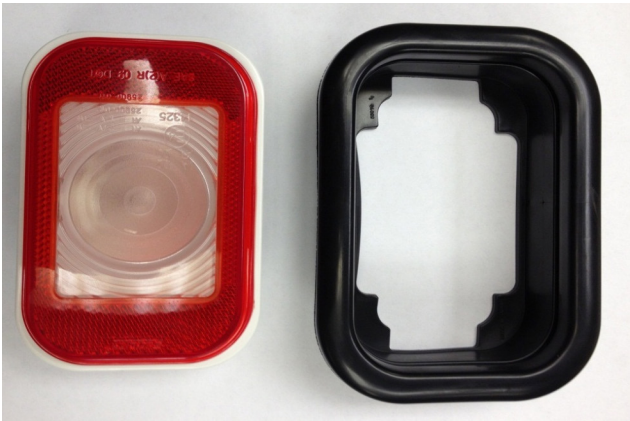
REF. NO.	PART NUMBER	DESCRIPTION
1	0308491	REFLECTOR - AMBER



REF. NO.	PART NUMBER	DESCRIPTION
1	0308490	REFLECTOR - RED

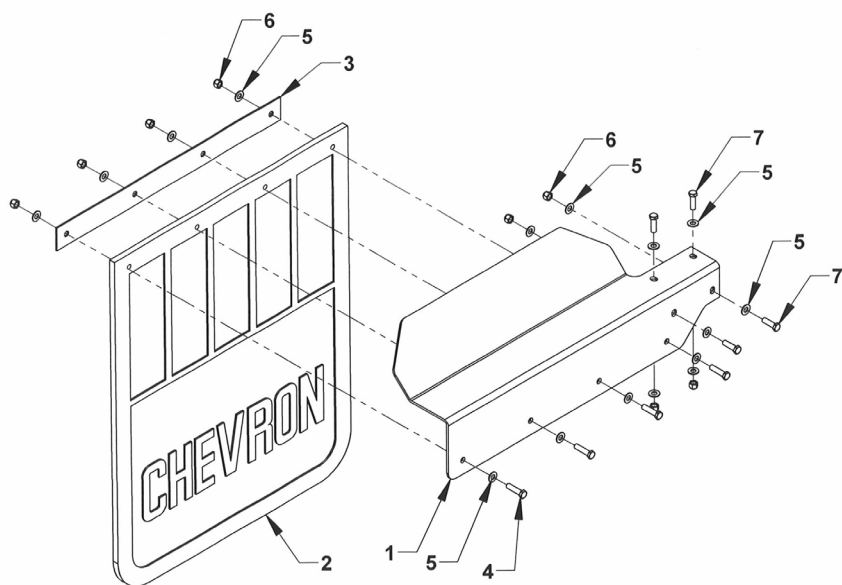
Section V - PARTS

LIGHT KIT



REF. NO.	PART NUMBER	DESCRIPTION
1	0311510	RECTANGULAR REFLEX BACK UP
1	0311511	RECTANGULAR REFLEX BACK UP GROMMET

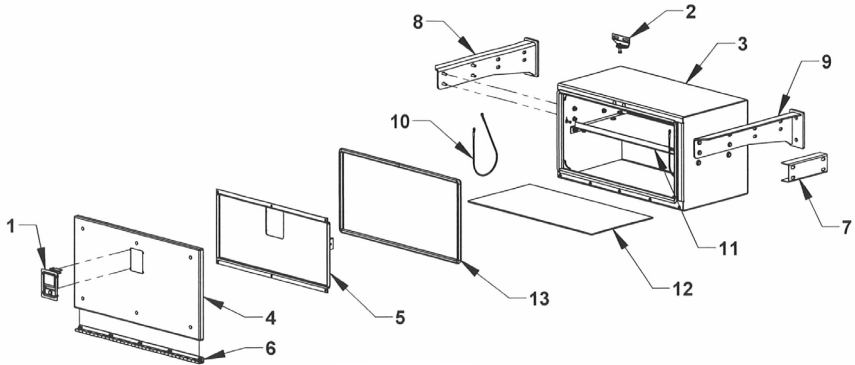
Section V - PARTS **MUDFLAP COMPONENTS**



REF	PART #	QTY	DESCRIPTION
1	0751024	1	MUDFLAP MOUNTING BRACKET (LH)
	0751024	1	MUDFLAP MOUNTING BRACKET (RH)
2	A1030	1	MUDFLAP 24 x 30
3	0750340	1	MUDFLAP SUPPORT BAR
4	0400132	4	BOLT HHCS 3/8-16 UNC x 1-1/2 GR5
5	0400480	8	WASHER 3/8
6	0400392	4	3/8-16 NYLON LOCK NUT
7	0400122	4	BOLT HHCS 3/8-16 UNC x 1-1/4 GR5

Section V - PARTS

33" ALUMINUM TOOLBOX - 377000

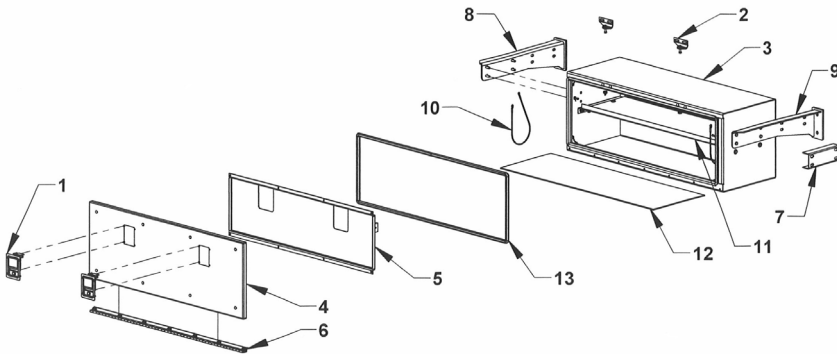


NOTE: 377000 DOES NOT INCLUDE MOUNTING BRACKETS

REF	PART #	QTY	DESCRIPTION
1	54658	1	ROTARY PADDLE LATCH
	54657	1	GASKET FOR PADDLE LATCH
	81111	4	#8-32 x 1/2 STAINLESS ONE WAY SCREW
	83111	4	#8-32 STAINLESS KEPT NUT
2	376182	1	STRIKER PIN MOUNTING PLATE
	54659	1	STRIKER PIN
	0403072	2	STAINLESS CARRIAGE BOLT 5/16-18 x 3/4
	0400465	4	FLAT WASHER 5/16
	0400464	2	LOCK WASHER 5/16
	83110	2	NUT 5/16-18
	83125	1	NYLON LOCK NUT 5/16-18
3	377100W	1	BOX WELDMENT
4	37740	1	DOOR ASSEMBLY
	37741	1	DOOR WELDMENT
	81100	6	STAINLESS CARRIAGE BOLT 1/4-20 x 3/4
	83105	6	NYLON LOCK NUT 1/4-20
5	37744	1	DOOR REINFORCEMENT
6	37735	1	HINGE
	811014	2	SS SOCKET BUTTON HEAD BOLT 1/4-20 x 7/8
	811012	3	SS SOCKET BUTTON HEAD BOLT 1/4-20 x 3/4
	811010	5	SS SOCKET BUTTON HEAD BOLT 1/4-20 x 5/8
	83105	10	NYLON LOCK NUT 1/4-20
7	37760	1	TANDEM BOX SPACER CHANNEL (OPTIONAL)
8	37855L	1	TANK AND TOOLBOX MTG BRACKET-LH
9	37855R	1	TANK AND TOOLBOX MTG BRACKET-RH
10	5A221	2	LANYARD-21 INCH
11	37770	1	SHELF
12	03002300	1	TOOLBOX MAT 33"
13	18151S	8 FT	TRIM SEAL - 3/8 WITH 5/8 BULB - 96 IN.

Section V - PARTS

49" ALUMINUM TOOLBOX - 378000

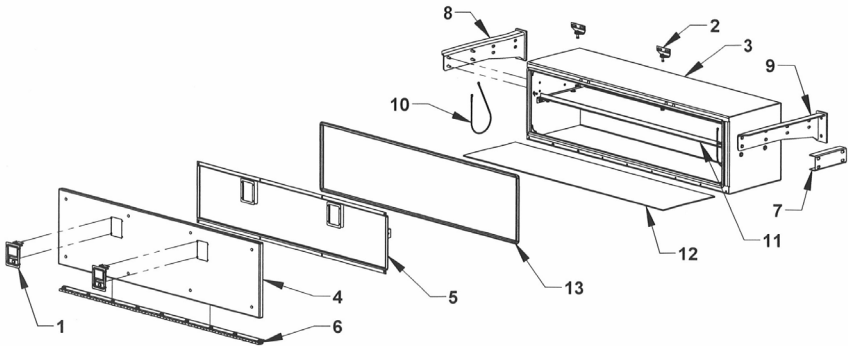


NOTE: 378000 DOES NOT INCLUDE MOUNTING BRACKETS

REF	PART #	QTY	DESCRIPTION
1	54658	2	ROTARY PADDLE LATCH
	54657	2	GASKET FOR PADDLE LATCH
	81111	8	#8-32 x 1/2 STAINLESS ONE WAY SCREW
	83111	8	#8-32 STAINLESS KEPT NUT
2	376182	2	STRIKER PIN MOUNTING PLATE
	54659	2	STRIKER PIN
	0403072	4	STAINLESS CARRIAGE BOLT 5/16-18 x 3/4
	0400465	8	FLAT WASHER 5/16
	0400464	4	LOCK WASHER 5/16
	83110	4	NUT 5/16-18
	83125	2	NYLON LOCK NUT 5/16-18
3	378100W	1	BOX WELDMENT
4	37840	1	DOOR ASSEMBLY
	37841	1	DOOR WELDMENT
	81100	8	STAINLESS CARRIAGE BOLT 1/4-20 x 3/4
	83105	8	NYLON LOCK NUT 1/4-20
5	37844	1	DOOR REINFORCEMENT
6	37835	1	HINGE
	811014	2	SS SOCKET BUTTON HEAD BOLT 1/4-20 x 7/8
	811012	5	SS SOCKET BUTTON HEAD BOLT 1/4-20 x 3/4
	811010	7	SS SOCKET BUTTON HEAD BOLT 1/4-20 x 5/8
	83105	14	NYLON LOCK NUT 1/4-20
7	37760	1	TANDEM BOX SPACER CHANNEL (OPTIONAL)
8	37855L	1	TANK AND TOOLBOX MTG BRACKET-LH
9	37855R	1	TANK AND TOOLBOX MTG BRACKET-RH
10	5A221	2	LANYARD-21 INCH
11	37670	1	SHELF
12	03002301	1	TOOLBOX MAT 49"
13	18151S	11 FT	TRIM SEAL - 3/8 WITH 5/8 BULB - 132 IN.

Section V - PARTS

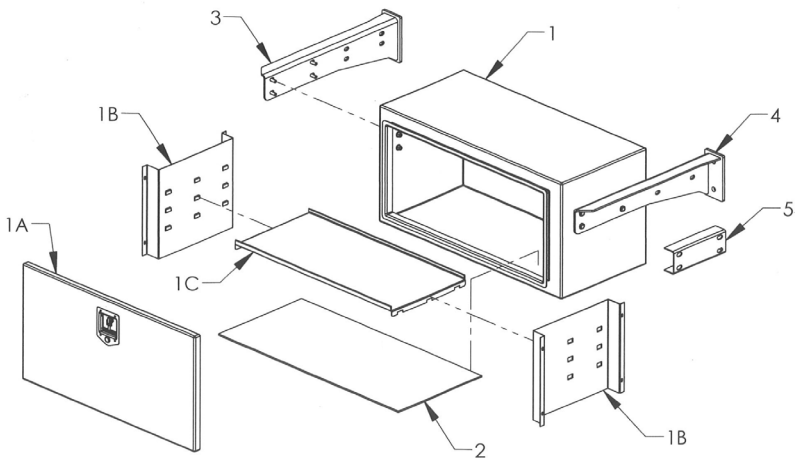
65" ALUMINUM TOOLBOX - 379000



NOTE: 379000 DOES NOT INCLUDE MOUNTING BRACKETS

REF	PART #	QTY	DESCRIPTION
1	54658	2	ROTARY PADDLE LATCH
	54657	2	GASKET FOR PADDLE LATCH
	81111	8	#8-32 x 1/2 STAINLESS ONE WAY SCREW
	83111	8	#8-32 STAINLESS KEPT NUT
2	376182	2	STRIKER PIN MOUNTING PLATE
	54659	2	STRIKER PIN
	0403072	4	STAINLESS CARRIAGE BOLT 5/16-18 x 3/4
	0400465	8	FLAT WASHER 5/16
	0400464	4	LOCK WASHER 5/16
	83110	4	NUT 5/16-18
	83125	2	NYLON LOCK NUT 5/16-18
3	379100W	1	BOX WELDMENT
4	37940	1	DOOR ASSEMBLY
	37941	1	DOOR WELDMENT
	81100	8	STAINLESS CARRIAGE BOLT 1/4-20 x 3/4
	83105	8	NYLON LOCK NUT 1/4-20
5	37944	1	DOOR REINFORCEMENT
6	37935	1	HINGE
	811014	2	SS SOCKET BUTTON HEAD BOLT 1/4-20 x 7/8
	811012	7	SS SOCKET BUTTON HEAD BOLT 1/4-20 x 3/4
	811010	9	SS SOCKET BUTTON HEAD BOLT 1/4-20 x 5/8
	83105	18	NYLON LOCK NUT 1/4-20
7	37760	1	TANDEM BOX SPACER CHANNEL (OPTIONAL)
8	37855L	1	TANK AND TOOLBOX MTG BRACKET-LH
9	37855R	1	TANK AND TOOLBOX MTG BRACKET-RH
10	5A221	2	LANYARD-21 INCH
11	37970	1	SHELF
12	03002302	1	TOOLBOX MAT 65"
13	18151S	13.5 FT	TRIM SEAL - 3/8 WITH 5/8 BULB - 162 IN.

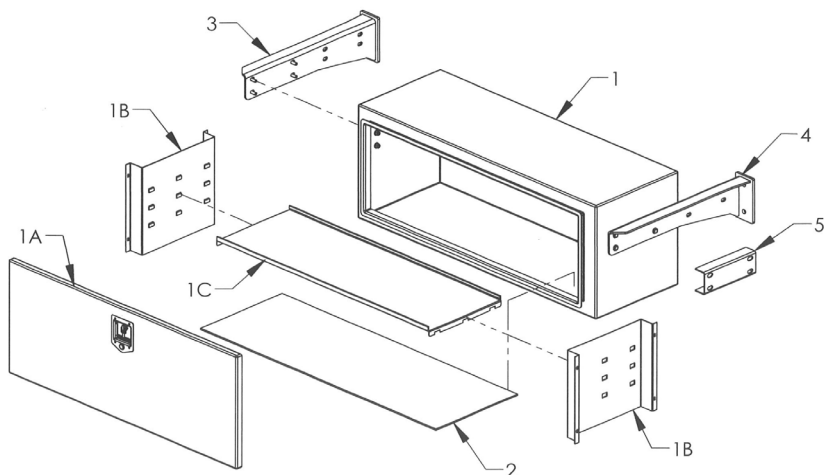
Section V - PARTS
36" STEEL TOOLBOX - 174016021



NOTE: 174016021 DOES NOT INCLUDE MOUNTING BRACKETS

REF	PART #	QTY	DESCRIPTION
1	174016021	1	STEEL TOOLBOX 36" WITH STAINLESS STEEL DOOR
1A	174016021D	1	SS DOOR ASSEMBLY
1B	07002918	2	STEEL TOOLBOX INSIDE PANEL
1C	07002919-36	1	STEEL TOOLBOX 36" SHELF
2	0308801	1	TOOLBOX MAT 36"
3	37855L	1	TOOLBOX AND OIL TANK MTG BRACKET-LH
4	37855R	1	TOOLBOX AND OIL TANK MTG BRACKET-RH
5	37760	1	TANDEM BOX SPACER CHANNEL (OPTIONAL)

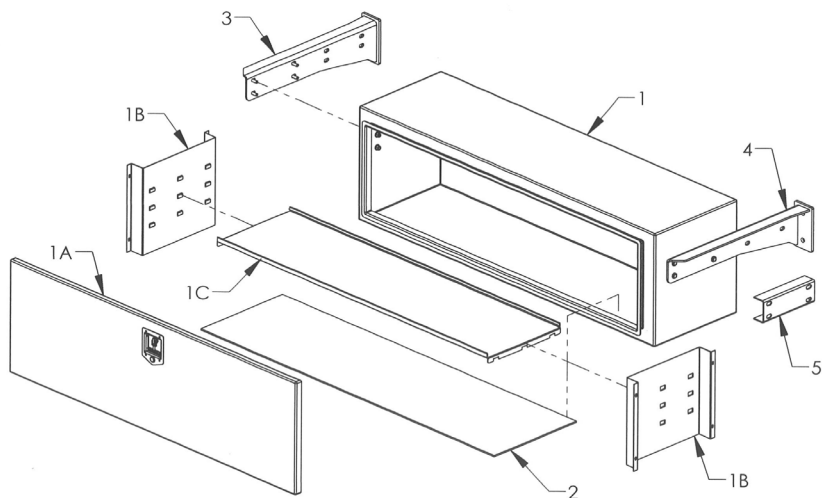
Section V - PARTS
48" STEEL TOOLBOX - 174016022



NOTE: 174016022 DOES NOT INCLUDE MOUNTING BRACKETS

REF	PART #	QTY	DESCRIPTION
1	174016022	1	STEEL TOOLBOX 48" WITH STAINLESS STEEL DOOR
1A	174016022D	1	SS DOOR ASSEMBLY
1B	07002918	2	STEEL TOOLBOX INSIDE PANEL
1C	07002919-48	1	STEEL TOOLBOX 48" SHELF
2	0308758	1	TOOLBOX MAT 48"
3	37855L	1	TOOLBOX AND OIL TANK MTG BRACKET-LH
4	37855R	1	TOOLBOX AND OIL TANK MTG BRACKET-RH
5	37760	1	TANDEM BOX SPACER CHANNEL (OPTIONAL)

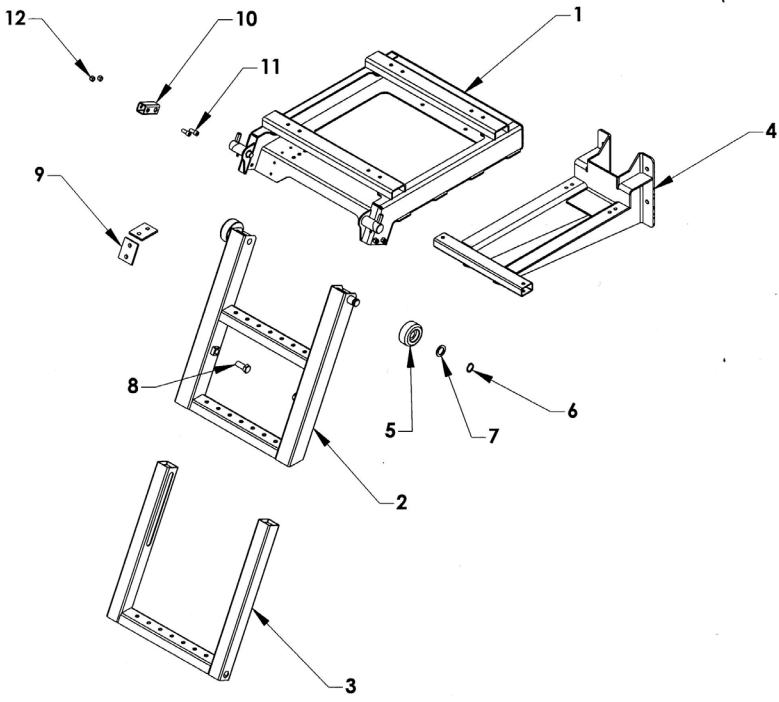
Section V - PARTS
60" STEEL TOOLBOX - 174016023



NOTE: 174016023 DOES NOT INCLUDE MOUNTING BRACKETS

REF	PART #	QTY	DESCRIPTION
1	174016023	1	STEEL TOOLBOX 60" WITH STAINLESS STEEL DOOR
1A	174016023D	1	SS DOOR ASSEMBLY
1B	07002918	2	STEEL TOOLBOX INSIDE PANEL
1C	07002919-60	1	STEEL TOOLBOX 60" SHELF
2	0308837	1	TOOLBOX MAT 60"
3	37855L	1	TOOLBOX AND OIL TANK MTG BRACKET-LH
4	37855R	1	TOOLBOX AND OIL TANK MTG BRACKET-RH
5	37760	1	TANDEM BOX SPACER CHANNEL (OPTIONAL)

Section V - PARTS **RETRACTABLE LADDER**



REF	PART #	QTY	DESCRIPTION
	390000	1	LADDER ASSEMBLY
1	391010	1	LADDER CARRIAGE
2	391020	1	UPPER RUNG ASSEMBLY
3	391030	1	LOWER RUNG ASSEMBLY
4	391050	1	FRAME MOUNTING BRACKET - OPTIONAL
5	36310	2	WHEEL
6	86100E	2	RETAINING RING 1.00 EXTERNAL
7	0400470	2	FLAT WASHER 1 x 1.50
8	0403063	2	RETAINING BOLT 5/8-11 x 1-1/2
9	391018	4	WEAR PAD
10	391015	2	RETAINING TUBE
11	0403109	4	ALLEN HEAD BOLT 3/8-16 x 1
12	0400392	4	NYLON LOCK NUT 3/8-16

This exploded view diagram illustrates the assembly of a metal frame. The main components are labeled as follows:

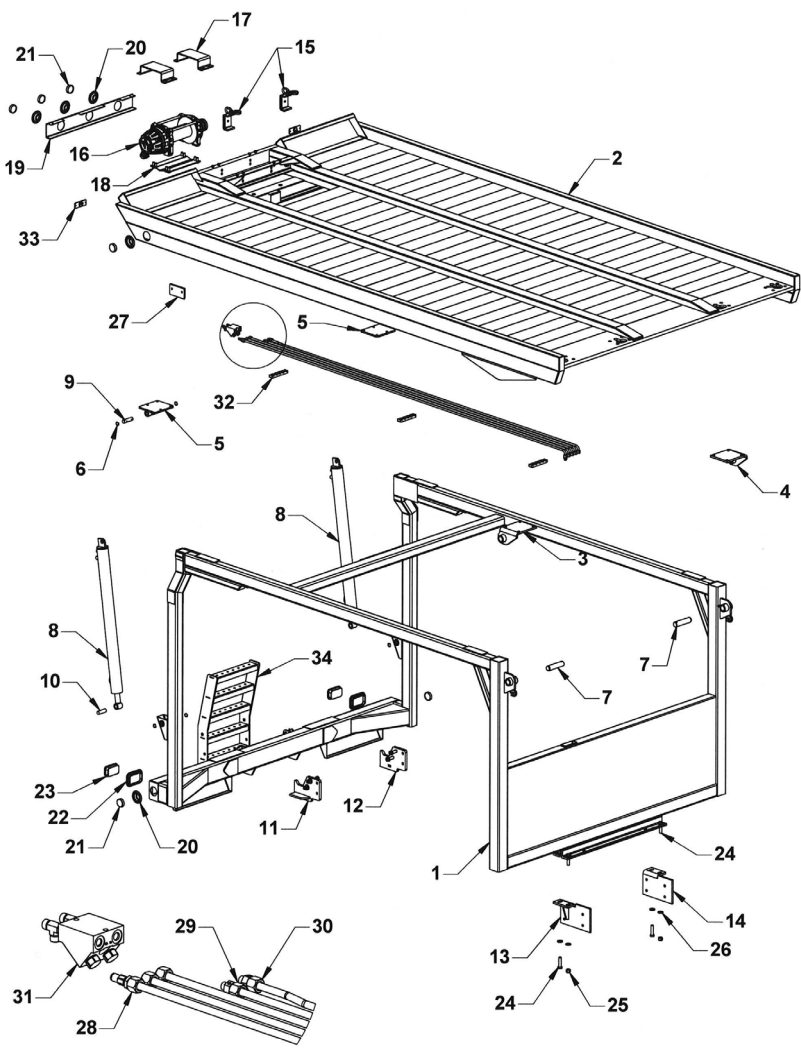
- 1**: Main vertical frame structure.
- 2**: Large rectangular metal plate or mesh.
- 3**: Small rectangular plate or connector.
- 4**: Small rectangular plate or connector.
- 5**: Long horizontal bar or rail.
- 6**: Small rectangular plate or connector.
- 7**: Small rectangular plate or connector.
- 8**: Vertical support post.
- 9**: Small rectangular plate or connector.
- 10**: Small rectangular plate or connector.
- 11**: Small rectangular plate or connector.
- 12**: Small rectangular plate or connector.
- 13**: Small rectangular plate or connector.
- 14**: Small rectangular plate or connector.
- 15**: Small rectangular plate or connector.
- 16**: Small rectangular plate or connector.
- 17**: Small rectangular plate or connector.
- 18**: Small rectangular plate or connector.
- 19**: Small rectangular plate or connector.
- 20**: Small rectangular plate or connector.
- 21**: Small rectangular plate or connector.
- 22**: Small rectangular plate or connector.
- 23**: Small rectangular plate or connector.
- 24**: Small rectangular plate or connector.
- 25**: Small rectangular plate or connector.
- 26**: Small rectangular plate or connector.
- 27**: Small rectangular plate or connector.
- 28**: Small rectangular plate or connector.
- 29**: Small rectangular plate or connector.
- 30**: Small rectangular plate or connector.
- 31**: Small rectangular plate or connector.
- 32**: Small rectangular plate or connector.
- 33**: Small rectangular plate or connector.
- 34**: Small rectangular plate or connector.

Section V - PARTS

CAB CARRIER COMPONENTS

REF.	PART #	QTY	DESCRIPTION
1	40100FRD	1	FRAME-FORD 750
	40100FRT	1	FRAME-FREIGHTLINER M2
	08020933	1	FRAME-INTERNATIONAL MV (FRONT FRAME EXTENSION)
	08021022	1	FRAME-INTERNATIONAL 4400 - EXTENDED CAB
	40100KW	1	FRAME-KENWORTH
2	41800	1	STEEL DECK-STANDARD
	41800S	1	STEEL DECK-SETBACK
	08008908	1	ALUMINUM DECK-STANDARD
	08008859	1	ALUMINUM DECK-SETBACK
	08008888	1	ALUMINUM DECK-SETBACK-EXTENDED CAB
3	45165L	1	HINGE PLATE - LH
4	45165R	1	HINGE PLATE - RH
5	451400	2	CYLINDER BRACKET
6	86100I	8	SNAP RING - 1 INCH INTERNAL
7	45120	2	HINGE PIN
8	72130	2	LIFT CYLINDER
9	451404	2	CYLINDER PIN-TOP
10	43140	2	CYLINDER PIN-BOTTOM
11	08028193L	1	2024+ FORD F750 FRONT MOUNTING BRACKET - LH
	07032721	2	2023+ INTERNATIONAL FRONT MTG BRACKET - LH
	434300M2L	1	FREIGHTLINER M2 FRONT MTG BRACKET - LH
	08009431L	1	FRTLNR M2 FRNT MTG BRKT - LH- LARGE RADIATOR
	08028938L	1	2023+ KENWORTH T380 FRONT MOUNTING BRACKET LH
12	08028193R	1	2024+ FORD F750 FRONT MOUNTING BRACKET - RH
	434300M2R	1	FREIGHTLINER M2 FRONT MTG BRACKET - RH
	08009431R	1	FRTLNR M2 FRNT MTG BRKT-RH-LARGE RADIATOR
	08028938R	1	2023+ KENWORTH T380 FRONT MOUNTING BRACKET RH
13	43250L	1	REAR MOUNTING BRACKET - LH GENERIC
	08012609L	1	REAR MOUNTING BRACKET - LH INTERNATIONAL
	43250M2L	1	REAR MOUNTING BRACKET - LH-M2
14	43250R	1	REAR MOUNTING BRACKET - RH GENERIC
	08012609R	1	REAR MOUNTING BRACKET - RH INTERNATIONAL
	43250M2R	1	REAR MOUNTING BRACKET - RH M2
15	43535	2	SAFETY CHAIN HOOK
16	71102	1	PLANETARY WINCH
	87141	1	WINCH CABLE 3/8 x 62 FT.
17	41817	2	CAB CARRIER WINCH COVER - WARN
18	41819	1	DRUM SUPPORT MOUNTING PLATE
19	43510	1	ALUMINUM BEZEL
20	0311516	7	GROMMET-MARKER LIGHT
21	0311513	7	MARKER LIGHT-AMBER
22	0311511	2	GROMMET-TURN SIGNAL
23	98010L	2	TURN SIGNAL-AMBER
24	0400285	4	BOLT 3/4-10 UNC x 3 GRADE 5
25	0400430	4	NYLON LOCK NUT 3/4-10 UNC
26	0400510	8	FLAT WASHER 3/4
27	12332C	2	WEAR PAD
28	07017883	3	CAB CARRIER FLUID TUBE FORS 110"
29	07017884	1	CAB CARRIER FLUID TUBE FORS 105"
30	07017885	1	CAB CARRIER FLUID TUBE FORS 105" OFFSET
31	74345	1	DUAL COUNTERBALANCE VALVE CBCG-XVN
32	07017881	3	FLUID TUBE CLAMP BLOCK-LOWER
33	0308360	2	RECTANGLE MARKER LIGHT-YELLOW
34	44145	1	CAB CARRIER STEP LADDER

Section V - PARTS
EXTENDED CAB - CAB CARRIER COMPONENTS



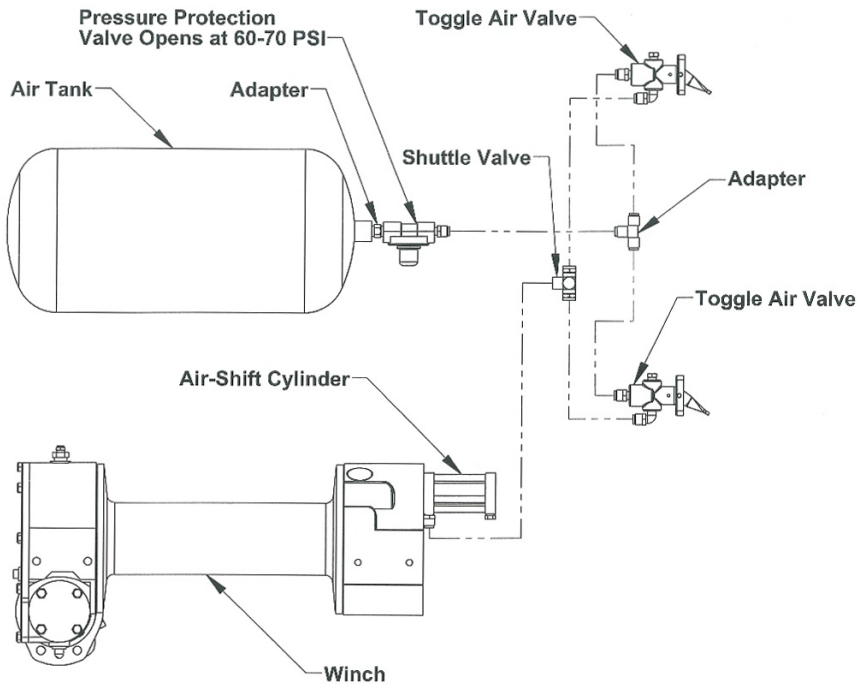
Section V - PARTS

EXTENDED CAB - CAB CARRIER COMPONENTS

REF.	PART #	QTY	DESCRIPTION
1	40100INT-EC	1	FRAME-INTERNATIONAL 4400 - EXTENDED CAB
2	08008888	1	ALUMINUM DECK-SETBACK - EXTENDED CAB
3	45165L	1	HINGE PLATE - LH
4	45165R	1	HINGE PLATE - RH
5	451400	2	CYLINDER BRACKET
6	86100I	8	SNAP RING - 1 IN. INTERNAL
7	45120	2	HINGE PIN
8	72130	2	LIFT CYLINDER
9	451404	2	CYLINDER PIN-TOP
10	43140	2	CYLINDER PIN-BOTTOM
11	08028193L	1	2024+ FORD F750 FRONT MOUNTING BRACKET - LH
	4343104L	1	INTERNATIONAL FRONT MTG BRACKET - LH
12	08028193R	1	2024+ FORD F750 FRONT MOUNTING BRACKET - RH
	4343101R	1	INTERNATIONAL FRONT MTG BRACKET - RH
13	43250L	1	REAR MOUNTING BRACKET - LH GENERIC
	08012609L	1	REAR MOUNTING BRACKET - LH INTERNATIONAL
14	43250R	1	REAR MOUNTING BRACKET - RH GENERIC
	08012609R	1	REAR MOUNTING BRACKET - RH INTERNATIONAL
15	43535	2	SAFETY CHAIN HOOK
16	71102	1	PLANETARY WINCH
	87141	1	WINCH CABLE 3/8 x 62 FT.
17	41817	2	CAB CARRIER WINCH COVER - WARN
18	41819	1	DRUM SUPPORT MOUNTING PLATE
19	43510	1	ALUMINUM BEZEL
20	0311516	7	GROMMET-MARKER LIGHT
21	0311513	7	MARKER LIGHT-AMBER
22	0311511	2	GROMMET-TURN SIGNAL
23	98010L	2	TURN SIGNAL-AMBER
24	0400285	4	BOLT 3/4-10 UNC x 3 GRADE 5
25	0400430	4	NYLON LOCK NUT 3/4-10 UNC
26	0400510	8	FLAT WASHER 3/4
27	12332C	2	WEAR PAD
28	07017883	3	CAB CARRIER FLUID TUBE FORS 110"
29	07017884	1	CAB CARRIER FLUID TUBE FORS 105"
30	07017885	1	CAB CARRIER FLUID TUBE FORS 105" OFFSET
31	74345	1	DUAL COUNTERBALANCE VALVE CBCG-XVN
32	07017881	3	FLUID TUBE CLAMP BLOCK-LOWER
33	0308360	2	RECTANGLE MARKER LIGHT-YELLOW
34	44145	1	CAB CARRIER STEP LADDER

Section VI - INSTALLATION

DUAL AIR-SHIFT WINCH AIR LINE



Make sure the chassis is equipped with an air dryer for better air system performance.

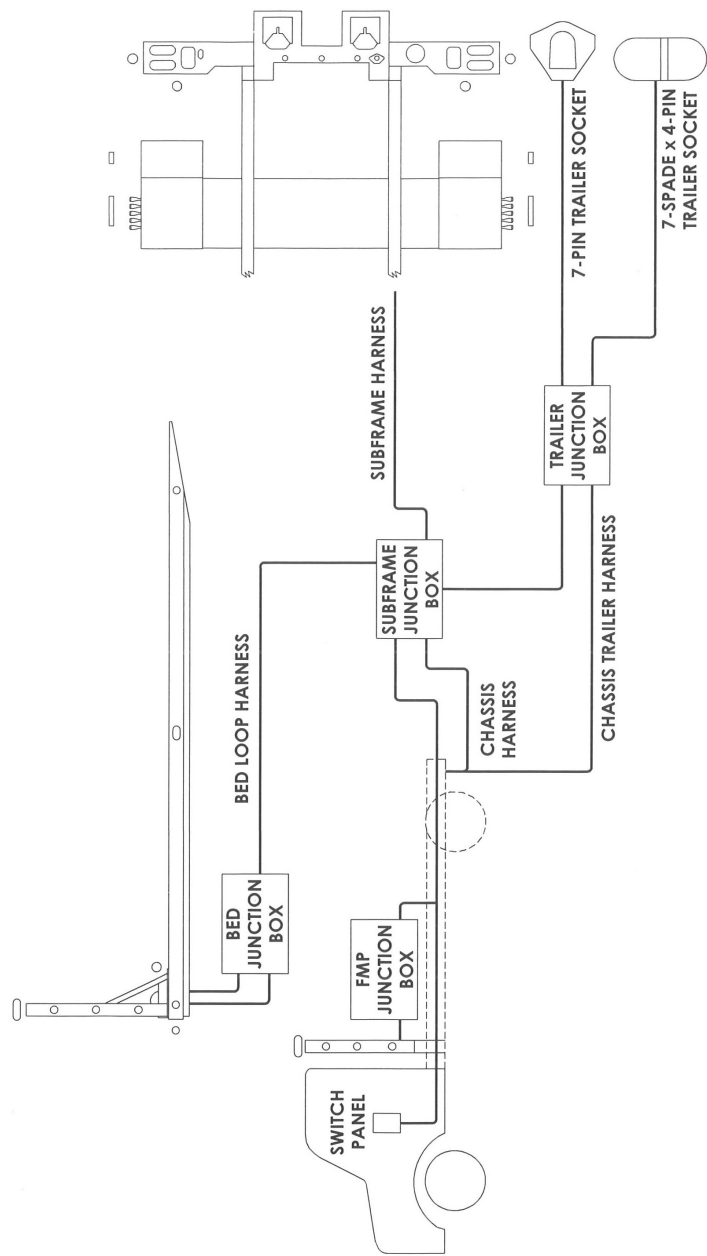
Install an air pressure protection valve directly to the air tank with an adapter. Do not use a hose or steel tubing between the tank and the pressure protection valve. The air pressure protection valve opens when the air tank pressure exceeds 60 PSI. This valve preserves pressure of at least 60 PSI in the tank in the event of an air leak between the tank and the air-shift cylinder. Make sure the air-flow directional arrows on the air pressure protection valve point out of the tank.

When installing nylon tubing between the valves and air cylinder, avoid sharp angle bends and sharp edges.

NOTE: Shuttle Valve Part No.: 71717
Toggle Air Valve Part No.: 71716.

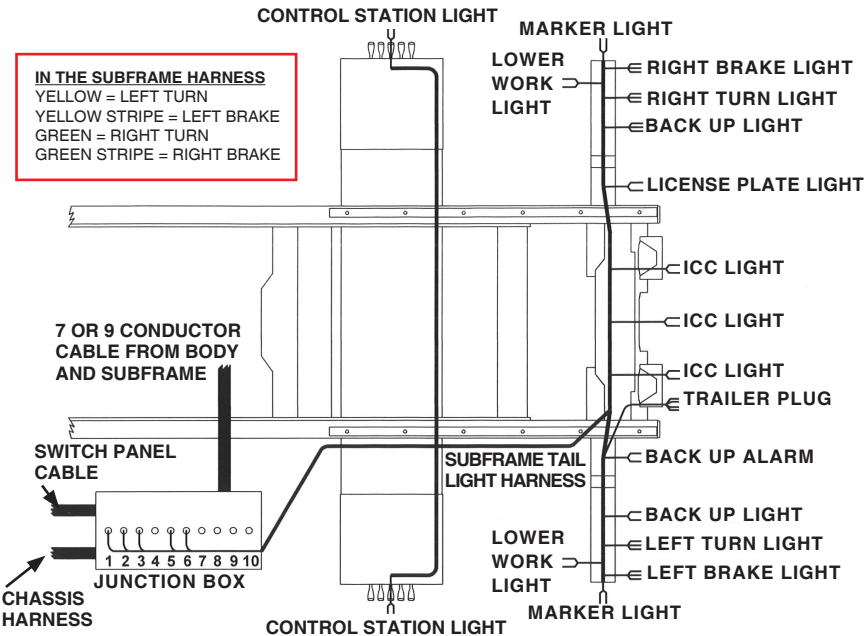
Section VII - SCHEMATICS

GENERAL CARRIER WIRE DIAGRAM



Section VII - SCHEMATICS

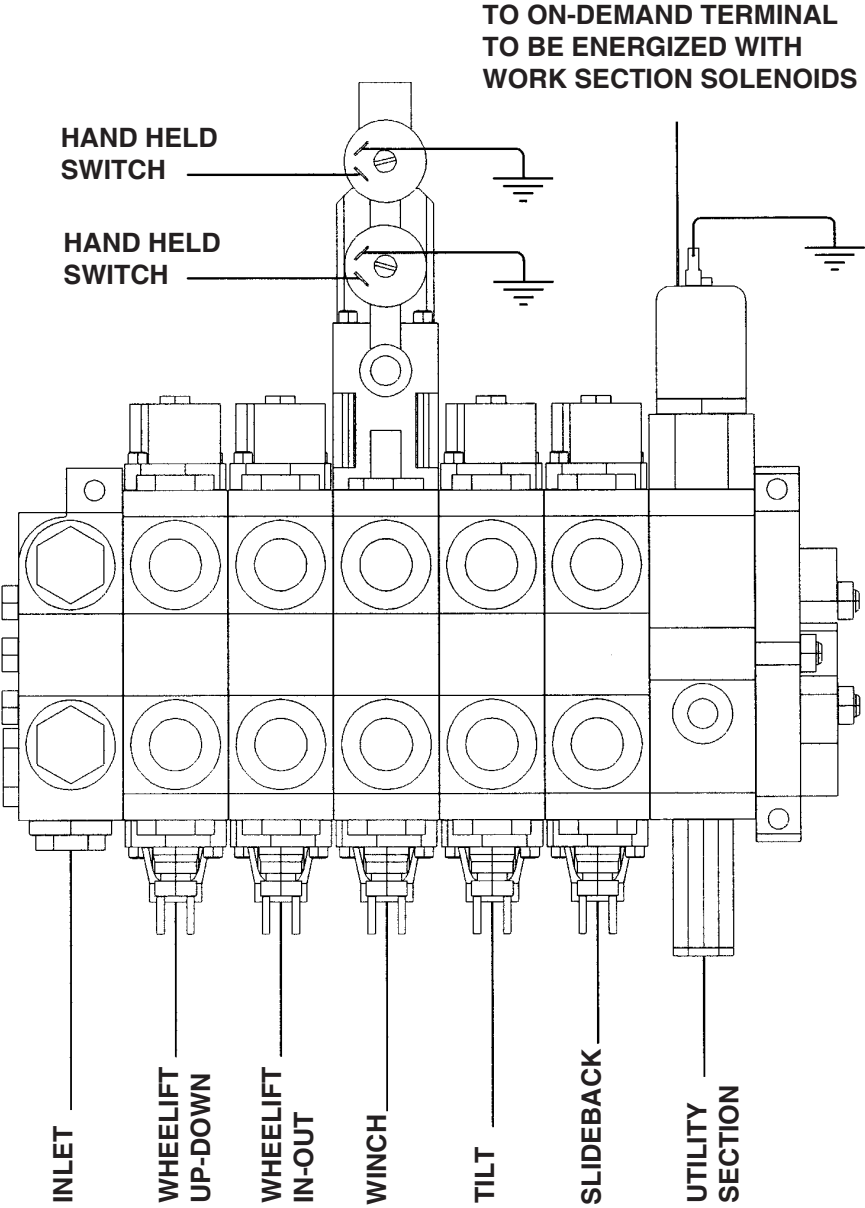
SUBFRAME WIRING



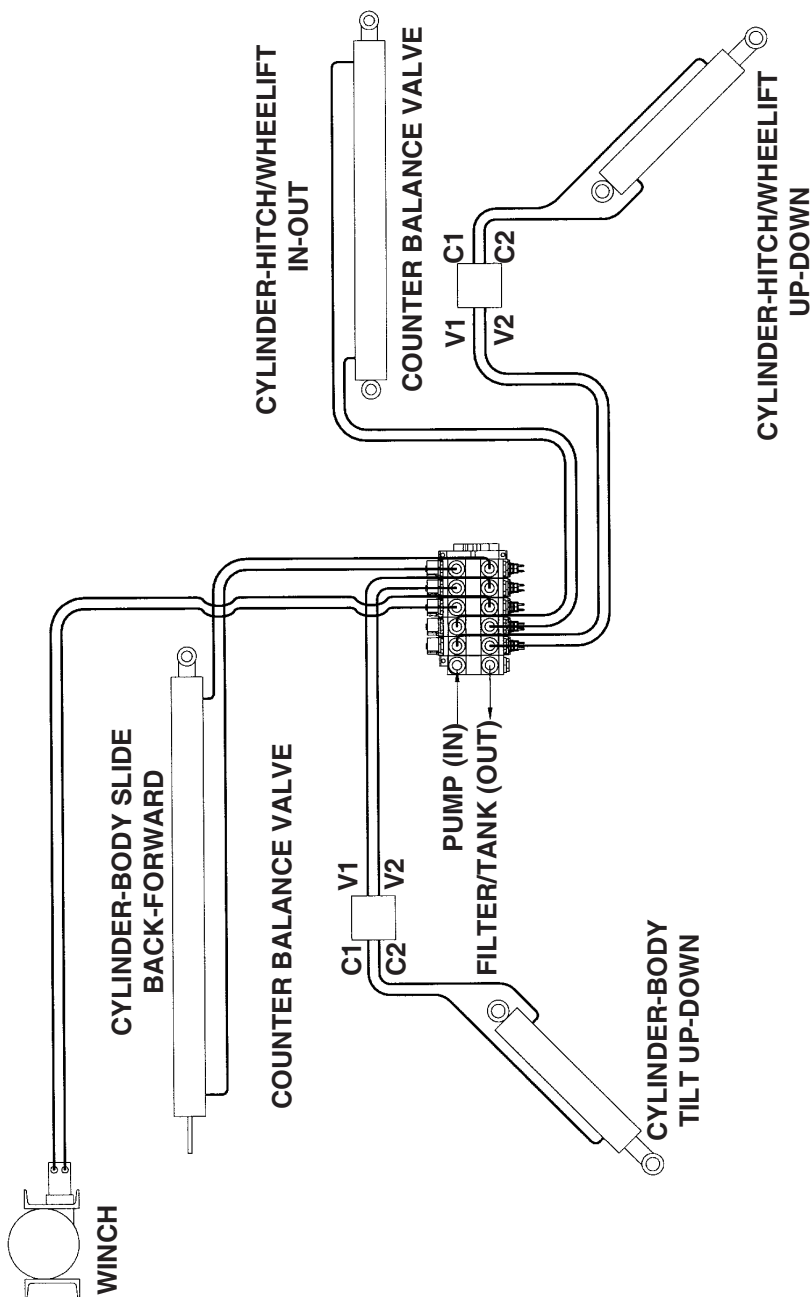
AMERICAN SYSTEM COMBINED BRAKE & TURN SIGNALS

	POST#	FUNCTION	SUBFRAME HARNESS WIRE COLOR/GAUGE	BAR LIGHT CORD WIRE COLOR/GAUGE
CHASSIS CIRCUITS	1	Ground	White 12	White 10
	2	Back-Up	Blue 14	N/A
	3	Left Turn/Brake	Yellow + (Yellow Stripe) 14	Yellow 12
	4	Reserved	N/A	N/A
	5	Right Turn/Brake	Green + (Green Stripe) 14	Green 12
	6	Marker/Clearance	Brown 14	Brown 12
AUXILIARY CIRCUITS	7	Lower Work Lights	Black 14	N/A
	8	Upper Work Lights	N/A	Blue 12
	9	Rotate Lights	N/A	Black 12
	10	Flashing Lights	N/A	Red 12

Section VII - SCHEMATICS
CONTROL VALVE
REMOTE CONTROL WINCH
WIRE DIAGRAM

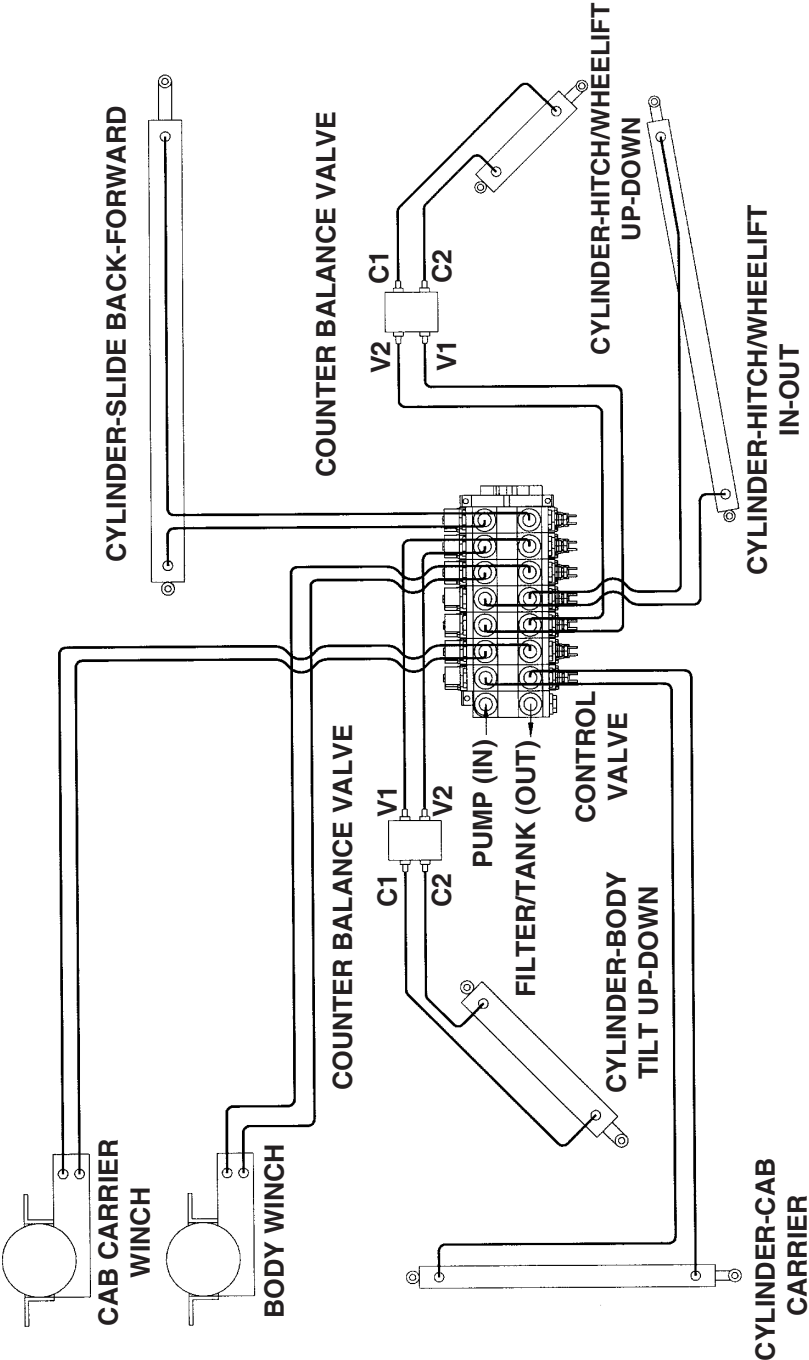


Section VII - SCHEMATICS
HYDRAULICS

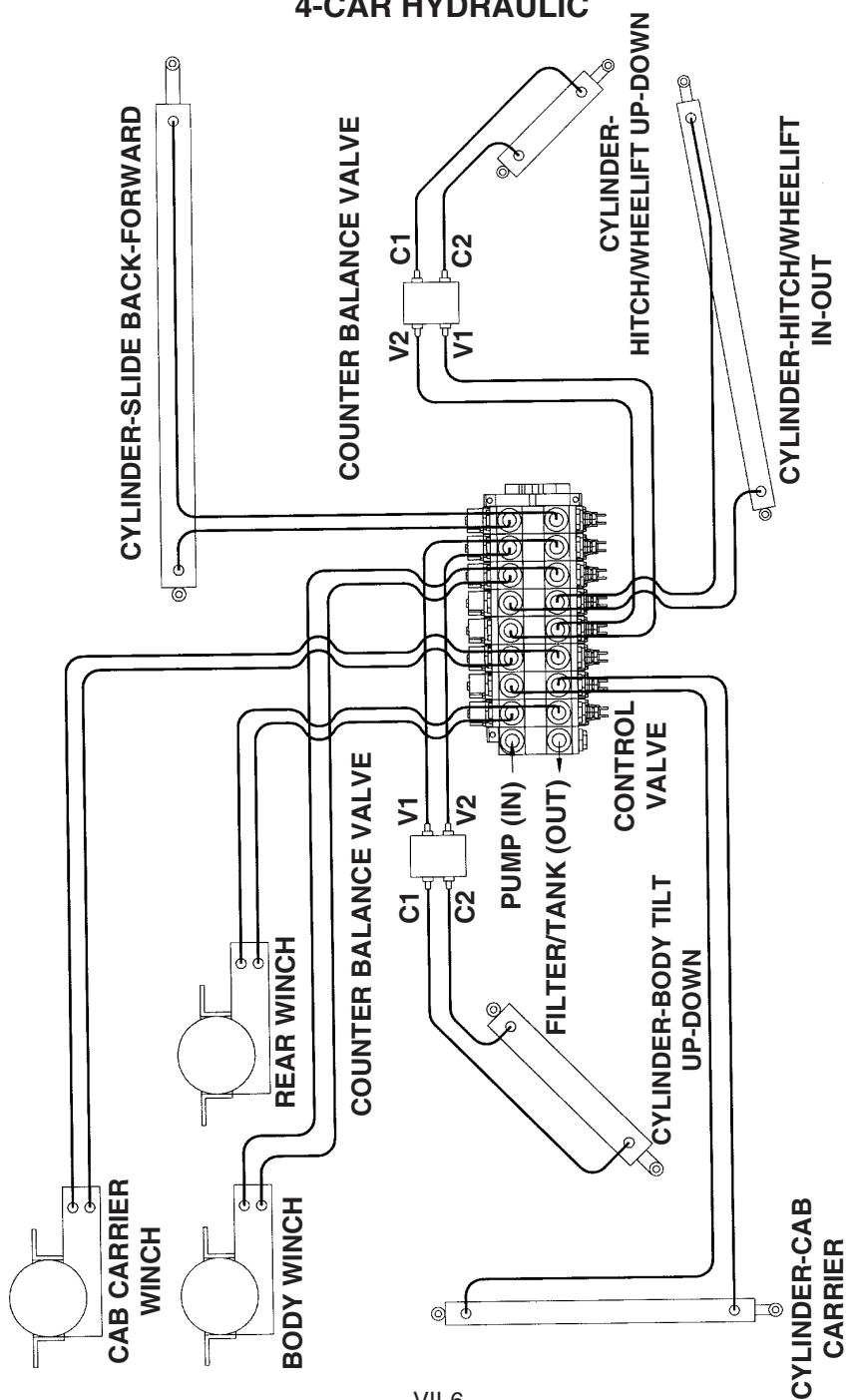


Section VII - SCHEMATICS

3-CAR HYDRAULICS

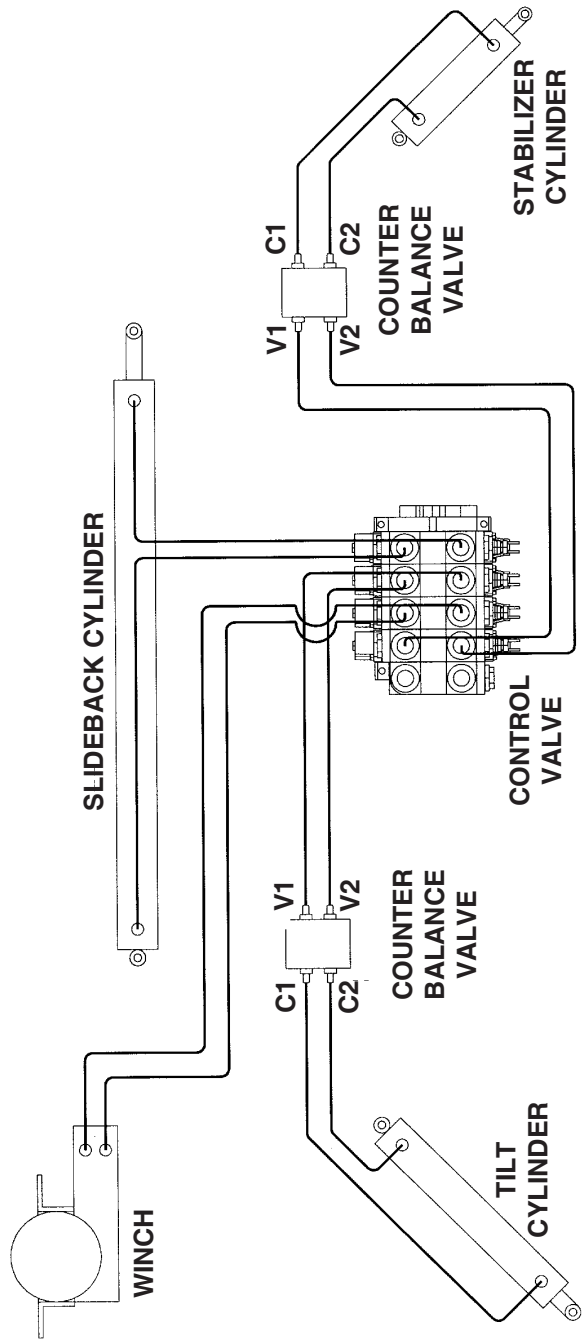


4-CAR HYDRAULIC



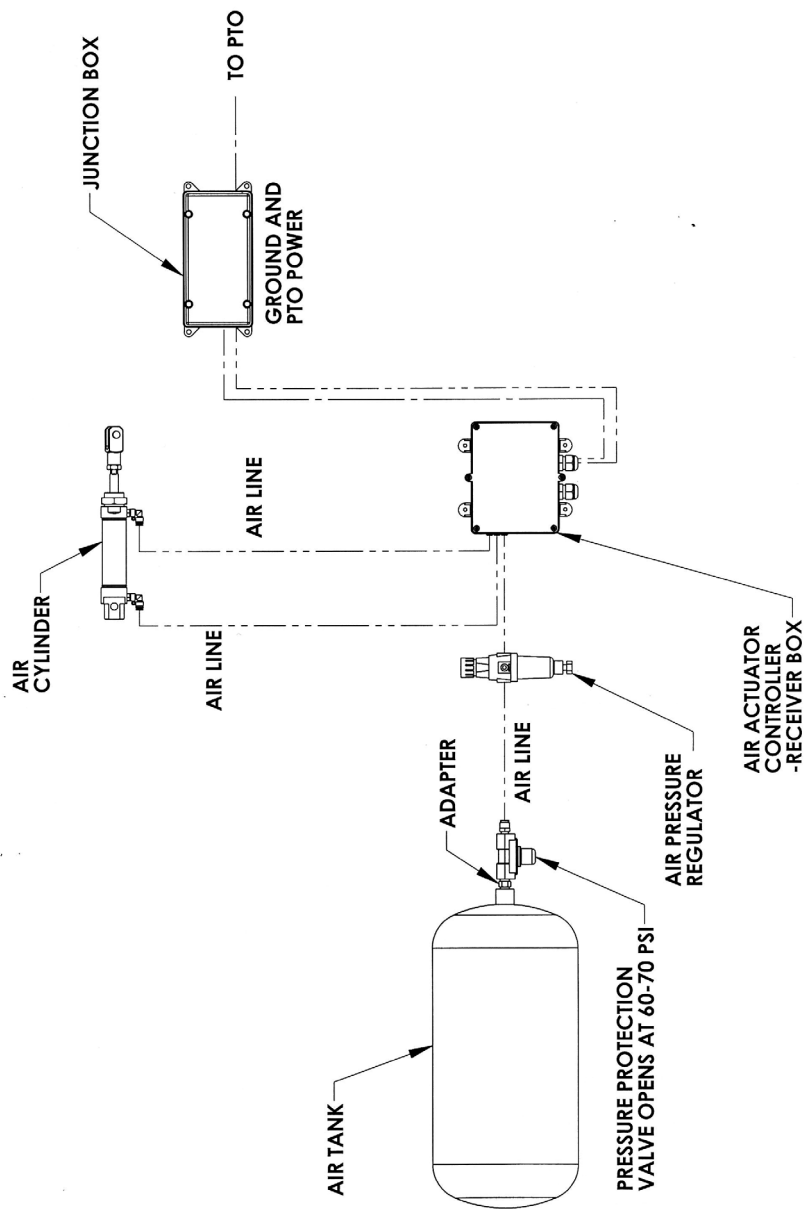
Section VII - SCHEMATICS

TRANSPORTER HYDRAULIC



Section VII - SCHEMATIC

WIRELESS AIR ACTUATED REMOTE
CONTROLS



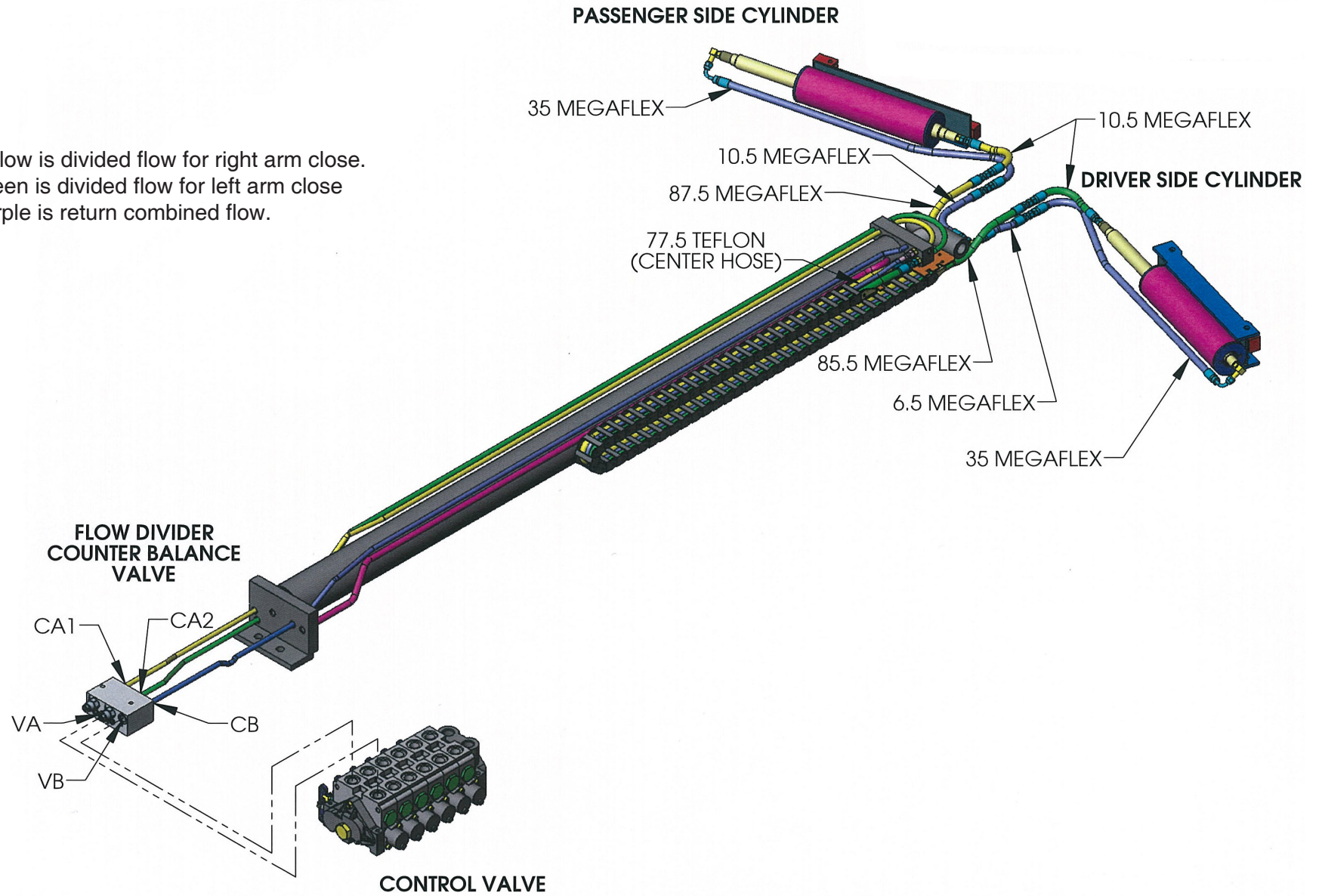
Section VII - SCHEMATICS

Carrier

L-ARM CYLINDER HOSE ROUTING

AUTOGRIP II

Yellow is divided flow for right arm close.
Green is divided flow for left arm close.
Purple is return combined flow.



Section VII- SCHEMATICS

Carrier

L-ARM CYLINDER HOSE ROUTING

AUTOGRIP II

