

DIAMOND SERIES



REPLACEMENT PARTS



IOWA MOLD TOOLING CO., INC.

BOX 189, GARNER, IA 50438-0189

TEL: 641-923-3711

MANUAL PART NUMBER: 99903448

Iowa Mold Tooling Co., Inc. is an Oshkosh Truck Corporation company.

CONTENTS

PARTS ORDERING INFORMATION 3

REVISIONS LIST 3

CRITICAL WEAR PARTS AVAILABILITY 4

GENERAL SPECIFICATIONS 5

DSC20 9’ AND DSC20 11’ STANDARD AND OPTIONAL FEATURES 6

DSS 9’ AND DSS 11’ STANDARD AND OPTIONAL FEATURES 7

OVERALL DIMENSIONS - DSC20 BODIES 8

OVERALL DIMENSIONS - DSS BODIES 9

ELECTRICAL INSTALLATION (99903481) 10

FRONT END WIRING (99903444)..... 11

ELECTRICAL SCHEMATIC (99903449) 12

COMPARTMENT LIGHTS INSTALLATION (99903485) 13

FLOODLIGHT INSTALLATION (99903484) (FLOODLIGHT KIT 51717701) 14

PANEL/HARNESS CONNECTOR INSTALLATION (99903497) 15

DOOR ASSEMBLY (99903548) 16

DOOR ASM - RAISED RIGHT FRONT (99903547) 17

1015 BOOM SUPPORT (51717720) (DWG. 99903506) 18

1015 BOOM SUPPORT- RAISED RIGHT FRONT (51718053) (DWG. 99903521) 19

2020 BOOM SUPPORT (51717987) 20

2020 BOOM SUPPORT - RAISED RIGHT FRONT (51718052) (DWG. 99903522) 21

MASTER LOCK ASSEMBLY - 9’ (51717157) 22

MASTER LOCK ASSEMBLY - 11’ (51717929) 23

BUMPER KIT (93717924) 24

DECAL KIT (95717772) 25

TAILGATE KIT (51711241) 26

OUTRIGGER KIT (51717728)..... 27

OPTIONAL MUDFLAPS KIT (51717774) 28

TANK BRACKET, TWO BOTTLE (51713311) 29

INSTALLATION DWG., 20K ADJUSTABLE SHELVING (99903528)..... 30

BOOKSHELF ASM - 45L (51710102) 31

BOOKSHELF ASM - 26L (51707629) 31

RESERVOIR ASM (51718039) (DWG. 99903517) 32

AIR REEL/FRL INSTALLATION (99903560) 33

MOISTURE SEPARATOR/REGULATOR/OILER ASM-1/2” HOSE (51714805-2) 34

AIR TANK KIT (51718306) 35

PARTS ORDERING INFORMATION

Before placing an order, please record the following information. This information should be given to an IMT representative when placing your order.

BODY MODEL NUMBER:

BODY SERIAL NUMBER:

PART NUMBER, DESCRIPTION, AND QUANTITY REQUIRED:

If left or right side is applicable, please specify.

Contact IMT at the following address:

**IOWA MOLD TOOLING CO., INC.
BOX 189, GARNER, IA 50438-0189
CUSTOMER SERVICE TELEPHONE #: 1-800-554-4421**

REVISIONS LIST

DATE	LOCATION	DESCRIPTION OF CHANGE
20020801	ALL	INITIAL RELEASE - VERSION 1
20021101	ALL	ADDED SPECIFICATIONS FOR 11' DSC BODY AND 9' AND 11' DSS BODY
20021230	11	ECN 9080 - CHANGED NOTE REGARDING COMPARTMENT LIGHT BRACKETS
	13, 16	ECN 9072 - ADDED PANEL/HARNESS CONNECTION INSTALLATION (99903497) AND 2020 BOOM SUPPORT (51717987)
20030124	11, 12, 23	ECN 9110 - ADDED KIT NOS. FOR LIGHT KIT, FLOODLIGHT KIT, AND MUDFLAP KIT
20030130	14, 16, 18	ECN 9128 - ADDED BOOM SUPPORT KITS FOR 1015, 2020 CRANES WITH RAISED RIGHT FRONTS
		UPDATED 99903480 - DOOR ASSEMBLY - TO INCLUDE RAISED RIGHT FRONT
20030303	15, 25, 26-28	ECN 9139 - ADDED BOOKSHELF PARTS, UPDATED KITS
20030421	3-29	ADDED RESERVOIR ASM 51718039
	3-30	ECN 9169 - ADDED DOOR ASM
20030613	4, 6, 14, 15, 30	ECN 9184 - REMOVED 99903480, 99903543; ADDED 99903457, 99903458 TO CHANGE FROM 'SLAM' LATCH TO "T" LATCH
20030715	11, 12, 33, 34	ECN 9132 - ADDED WIRING- 99903444 & 99903449, AIR/FRL INSTALLATION 99903560, AND FRL DWG. 51714805-2
20030807	3-10-13	ECN 9224 - WIRING & HARNESS CHANGES
	3-16, 17	ECN 9227 - RIVET LATCH LENGTH CHANGE
20030825	3-35	ECN 9231 - ADDED AIR TANK KIT
20031006	3-27	ECN 9233 - OUTRIGGER KIT CHANGES
	3-29	DRAWING CORRECTION ON 51713311
20040402	3-1, 25	ECN 9184 - REPLACED PHOTOS WITH NEW LATCHES
20041019	28	ECN 9559 - MOVED MUDFLAP POSITION
20050131	17	99903547 DOOR ASM, CORRECTED MISPRINT ON #8, REPLACED #11 WAS 72062109, NOW 72062104
20050523	16	CORRECTED MISPRINT ON ITEM #17 - SCREW
20060313	11	ECN 9982 - CHANGE TO 99903444 WIRING
20060725	35	ECN 10157 - CHAGNE TO 51718306 AIR TANK KIT
20070329	COVER	UPDATED OWNERSHIP STATEMENT

CRITICAL WEAR PARTS AVAILABILITY

Your IMT Diamond Series body has designated critical maintenance and repair parts that can be shipped from IMT on the next business day or sooner. The designated parts are listed below. When ordering these as needed, please advise the customer service representative that you need these shipped the next day or sooner.

DOOR ASSEMBLY

<u>P/N</u>	<u>DESCRIPTION</u>
70396116	Door spring prop
72661575	Door latch
89396430	Door weatherstripping (order # of feet required)
76396419	Gasket (1 per latch)

LIGHTING

<u>P/N</u>	<u>DESCRIPTION</u>
77040358	Front marker light
77040357	Rear marker light
77040384	Compartment light
77040418	Tail lamp assembly - LH
77040419	Tail lamp assembly - RH
77040424	Flood light
77041345	Switch for compressor, lights

OUTRIGGERS

<u>P/N</u>	<u>DESCRIPTION</u>
71732054	Up/Down outrigger pin (1/2" x 2.50")
71731461	In/Out outrigger pin (1/2" x 4.00")

DIAMOND SERIES SPECIFICATIONS

Models DSS & DSC20



GENERAL SPECIFICATIONS

CRANES FOR WHICH BODY IS DESIGNED

MODEL

DSC20 9' and 11' only

IMT Crane Models 1015 & 2020

CHASSIS CAB-TO-AXLE (CA)

DSC20 9' & DSS 9'

60" Single Axle – 10,500 minimum GVWR
(152.4 cm - 4763 kg)

DSC20 11' & DSS 11'

84" Single Axle - 10,500 minimum GVWR
(213.4 cm - 4763 kg)

LONGSILLS

All

9"h x 3-3/8"w (at bottom) x 11"w (at top) inverted
"A" design, 12-gauge galvanized steel

CROSSMEMBERS

All

None

FLOOR PLATE THICKNESS

All

1/8" 4-way floorplate

TOTAL COMPARTMENT STORAGE CAPACITY

DSC20 9' & DSS 9'

81.68 ft³ (2.31 m³)

DSC20 11' & DSS 11'

102.58 ft³ (2.91 m³)

TOTAL BODY WEIGHT

DSC20 9'

1795 lb (814 kg)

DSC20 11'

2190 lb (993 kg)

DSS 9'

1315 lb (596 kg)

DSS 11'

1710 lb (776 kg)

TOTAL CARGO DECK SURFACE AREA

DSC20 9' & DSS 9'

39 ft² (3.62 m²)

DSC20 11' & DSS 11'

48 ft² (4.46 m²)

COMPARTMENT SPECIFICATIONS

LEFT FRONT COMPARTMENT (A)

All

42"h x 34-3/4"w x 20"d (106.7 x 88.3 x 50.8 cm)
16.89 ft³ (0.48 m³)

LEFT FRONT COMPARTMENT (B)

DSC20 11' &
DSS 11' only42"h x 23-5/8"w x 20"d (106.7 x 60.01 x 50.8 cm)
11.48 ft³ (0.33 m³)

LEFT HORIZONTAL COMPARTMENT

All

21-3/4"h x 49-1/2"w x 20"d (55.25 x 125.73 x 50.8 cm)
12.46 ft³ (0.35 m³)

LEFT REAR COMPARTMENT

All

42"h x 23-5/8"w x 20"d (106.7 x 60.01 x 50.8 cm)
11.48 ft³ (0.33 m³)

RIGHT FRONT COMPARTMENT (A)

All

42"h x 34-3/4"w x 20"d (106.7 x 77.8 x 50.8 cm)
16.89 ft³ (0.48 m³)

RIGHT FRONT COMPARTMENT (B)

DSC20 11' &
DSS 11' only42"h x 23-5/8"w x 20"d (106.7 x 60.01 x 50.8 cm)
11.48 ft³ (0.33 m³)

RIGHT HORIZONTAL COMPARTMENT

All

21-3/4"h x 49-1/2"w x 20"d (55.25 x 125.7 x 50.8 cm)
12.46 ft³ (0.35 m³)

RIGHT REAR COMPARTMENT

DSS 9' and 11'

42"h x 23-5/8"w x 20"d (106.7 x 60.01 x 50.8 cm)
11.48 ft³ (0.33 m³)

DSC20 9' and 11'

42"h x 21-7/8"w x 20"d (106.7 x 55.56 x 50.8 cm)
10.63 ft³ (0.30 m³)

Note: Dimensions of compartments are nominal.

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DSC20 9' AND DSC20 11' STANDARD AND OPTIONAL FEATURES

STANDARD FEATURES

- Designed to accept up to and including IMT 20,000 ft-lb rated cranes.
- IMT Master Lock system with stainless steel actuator rod and handles.
- Compartments of 14-gauge galvanized steel - Six on model DSC20 9'; eight on model DSC20 11'.
- 14-gauge galvanized compartment tops and backs.
- Rear curbside, 3/16" sidewall, compartment reinforced for crane mounting.
- Weather resistant compartments.
- Drop-in 8" high poly tail gate.
- 14" deep bumper with integrated outrigger-housing tube.
- Drop down outrigger on street side, out and down outrigger on curbside.
- Four recessed cargo tie-downs.
- 18-gauge, galvanized, double panel, patent-pending, pre-primed on all sides, flush mounted doors with hidden hinges.
- IMT concealed hinges with stainless steel pins and nylon bearings.
- Black composite, "T" handle door latches.
- Spring door stops on vertical doors.
- Nylon coated, aircraft quality, cable door supports for horizontal doors.
- Body mounting kit.
- Primed and undercoated. Inverted "A" long sill cavities undercoated.
- Truck-Lite® related DOT light and reflector kits with back up alarm.
- Molded rubber fender extensions.
- Recessed bumper with 16,000 lb gtwr rated pintle hitch mounting.
- Load bed designed without wheel wells for added clearance and bed space.
- Holders for operator manuals mounted inside left rear door.
- One rear mounted grab handle.

OPTIONAL FEATURES

- Consult your local IMT Distributor for optional features and equipment.

REQUIRED EQUIPMENT

(If a hydraulic crane or compressor is installed on the body)

- IMT 1015 or 2020 hydraulic crane: Hydraulic system reservoir, filter, pump and pto – consult price pages.
- IMT DA435HA compressor: Hydraulic system reservoir, filter, pump and pto – consult price pages.

IMT reserves the right to change specifications and design without notice.

DSS 9' AND DSS 11' STANDARD AND OPTIONAL FEATURES

STANDARD FEATURES

- Designed to accept up to and including IMT 20,000 ft-lb rated cranes.
- IMT Master Lock system with stainless steel actuator rod and handles.
- Compartments of 14-gauge galvanized steel - Six on model DSS 9'; eight on model DSS 11'.
- 14-gauge galvanized compartment tops and backs.
- Weather resistant compartments.
- Drop-in 8" high poly tail gate.
- 14" deep bumper.
- Four recessed cargo tie-downs.
- 18-gauge, galvanized, double panel, patent-pending, pre-primed on all sides, flush mounted doors with hidden hinges.
- Reinforced plate under right rear load bed for mounting up to 1/2 ton-meter crane.
- IMT concealed hinges with stainless steel pins and nylon bearings.
- Black composite, "T" handle door latches.
- Spring door stops on vertical doors.
- Nylon coated, aircraft quality, cable door supports for horizontal doors.
- Body mounting kit.
- Primed and undercoated. Inverted "A" long sill cavities undercoated.
- Truck-Lite® related DOT light and reflector kits with back up alarm.
- Molded rubber fender extensions.
- Recessed bumper with 16,000 lb gtwr rated pintle hitch mounting.
- Load bed designed without wheel wells for added clearance and bed space.
- Holders for operator manuals mounted inside left rear door.
- One rear mounted grab handle.

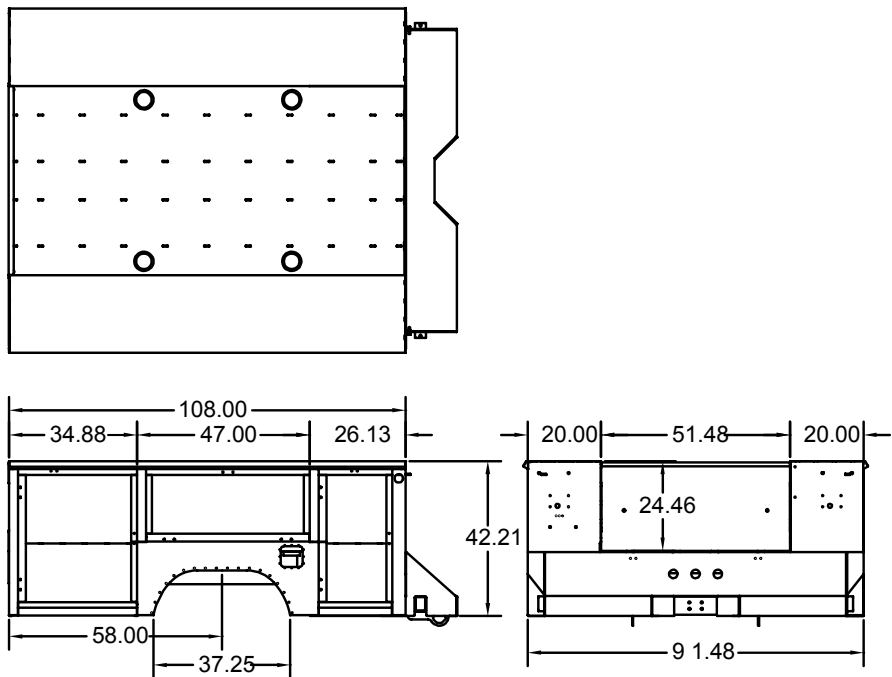
OPTIONAL FEATURES

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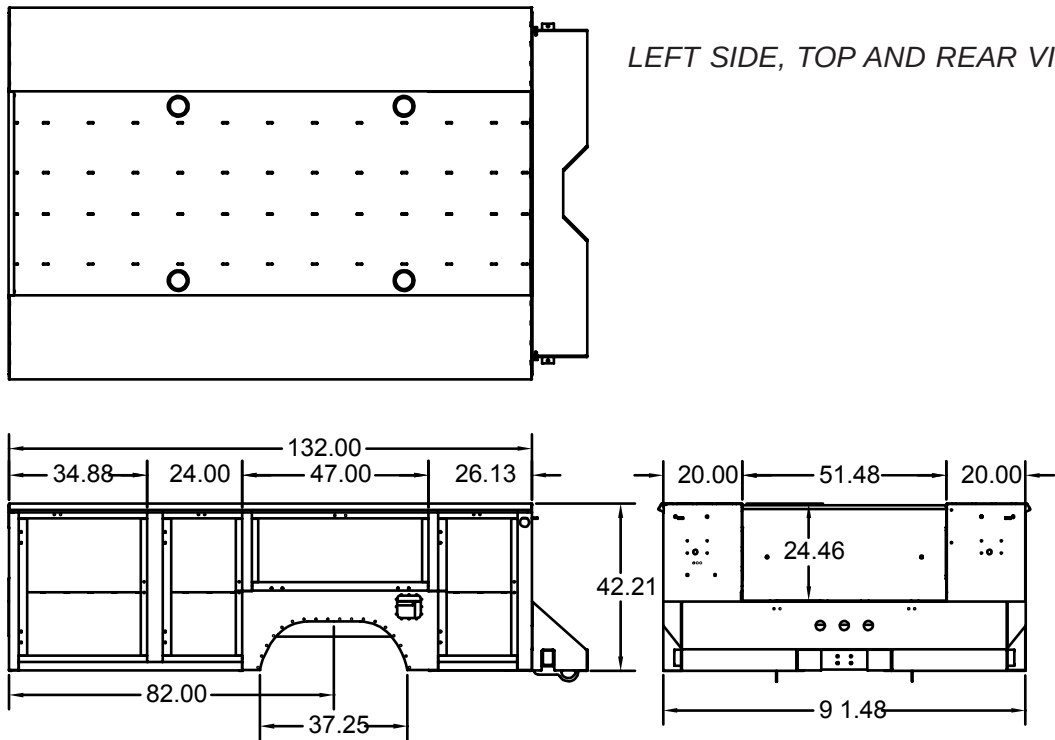
OVERALL DIMENSIONS - DSC20 BODIES

LEFT SIDE, TOP AND REAR VIEWS



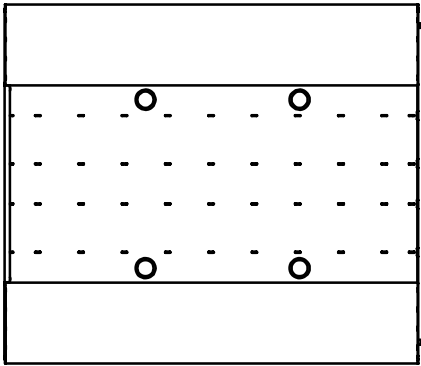
DSC20 9' OVERALL DIMENSIONS

LEFT SIDE, TOP AND REAR VIEWS

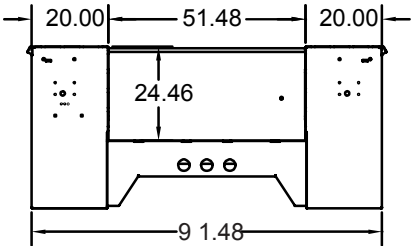
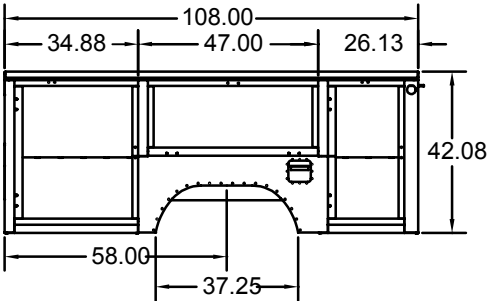


DSC20 11' OVERALL DIMENSIONS

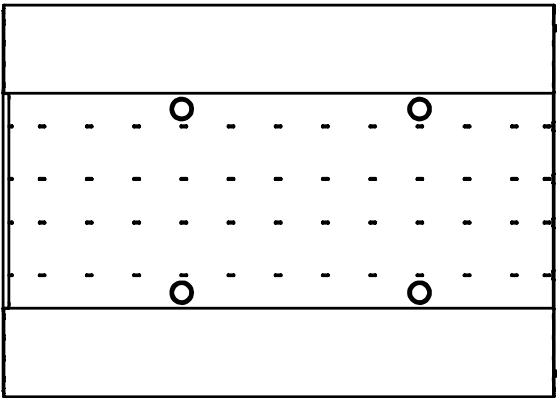
OVERALL DIMENSIONS - DSS BODIES



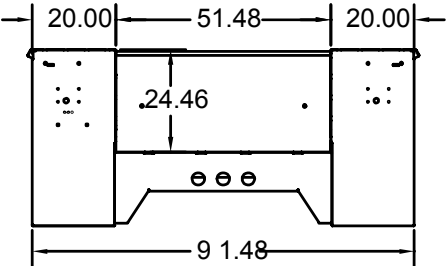
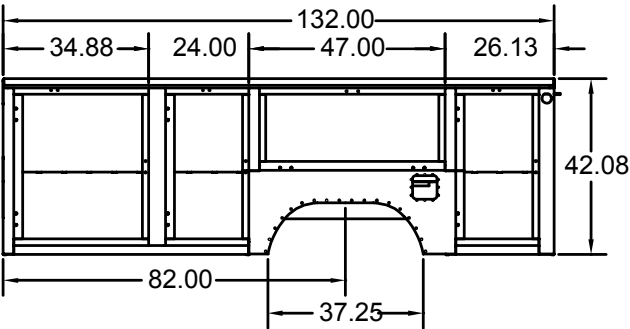
LEFT SIDE, TOP AND REAR VIEWS



DSS 9' OVERALL DIMENSIONS



LEFT SIDE, TOP AND REAR VIEWS

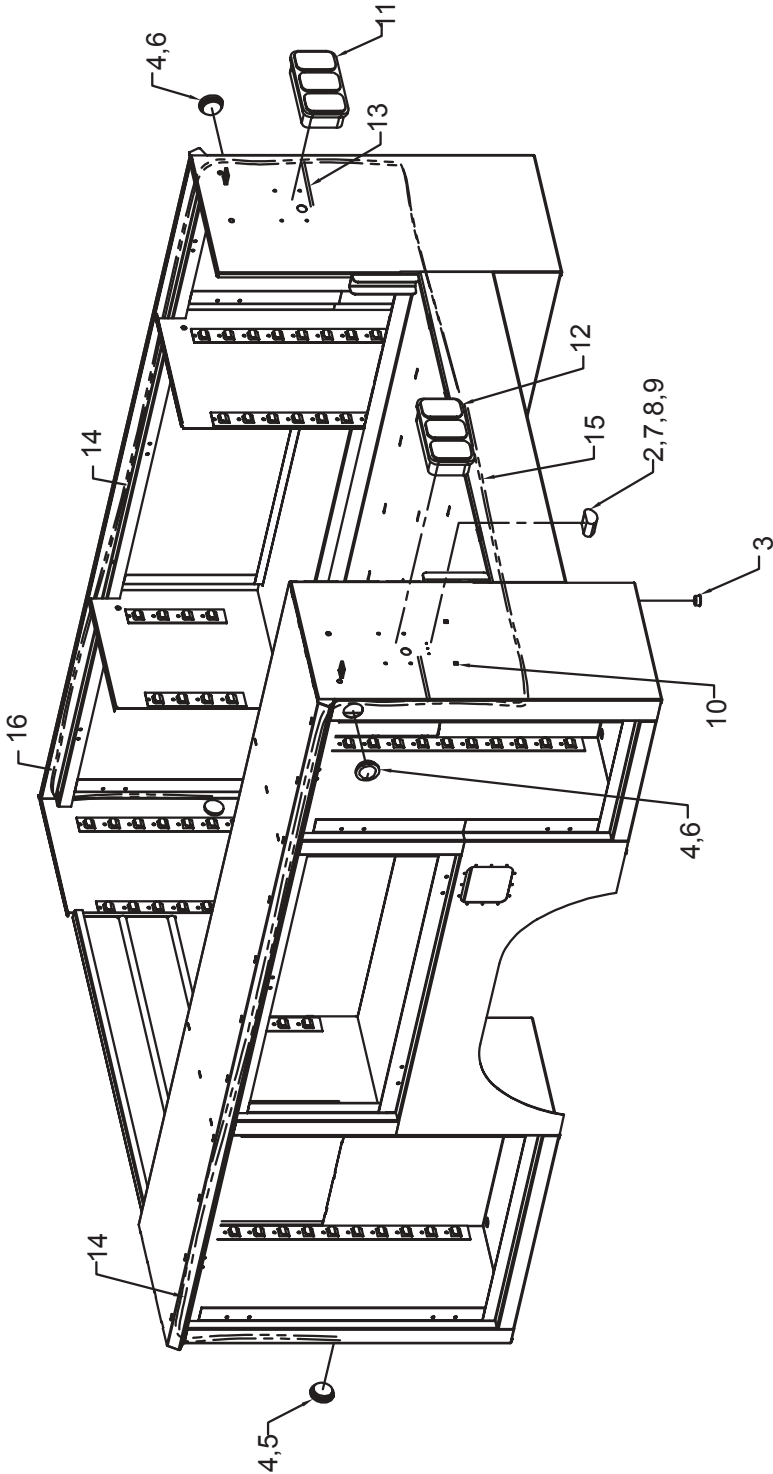


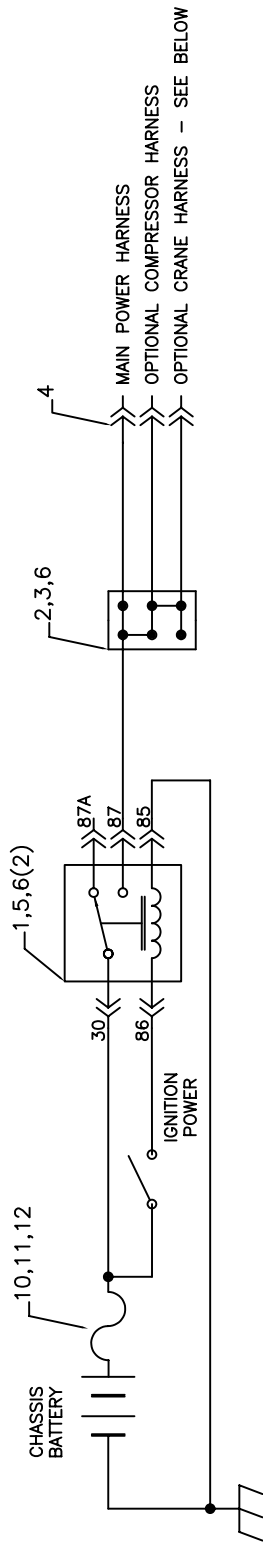
DSS 11' OVERALL DIMENSIONS

ELECTRICAL INSTALLATION (99903481)

1.	70145799	RETAINER-ELEC HARNESS (NOT SHOWN)	34	7.	72062106	NUT #10-24 HEX NYLOC ZINC	3
2.	77044237	TERMINAL-BULLET PLUG	1	8.	72060636	SCREW-MACH #10-24 X 3/4 RDH	2
3.	70034366	PLUG-PLASTIC BUTTON 1-1/8"	8	9.	77441004	LIGHT-LICENSE PLATE PLASTIC	1
4.	76393636	GROMMET - RUBBE R2.00	4	10.	51715985	KIT-LICENSE PLATE HARDWARE	1
5.	77040358	LIGHT-CLEAR AMBER	2	11.	77040419	LIGHT-MODULE TRUCKLIGHT RH	1
6.	77040357	LIGHT-CLEAR RED	2	12.	77040418	LIGHT-MODULE TRUCKLIGHT LH	1
				13.	77441022	HARNESS-TRUCK TAIL LIGHT	2
				14.	77441021	HARNESS-FRONT MARK LIGHTS	2
				15.	77441020	HARNESS-REAR DOT LIGHTS	1
				16.	77441090	HARNESS, EXT COMPT RR	A/R
					77441091	HARNESS MARKER EXT 9'	A/R
					77441092	HARNESS MARKER EXT 11'	A/R

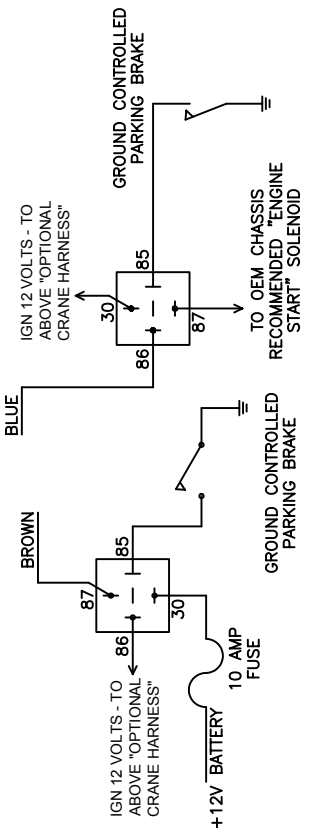
RH SIDEPACK SHOWN WITH TOP/BACK REMOVED FOR CLARITY





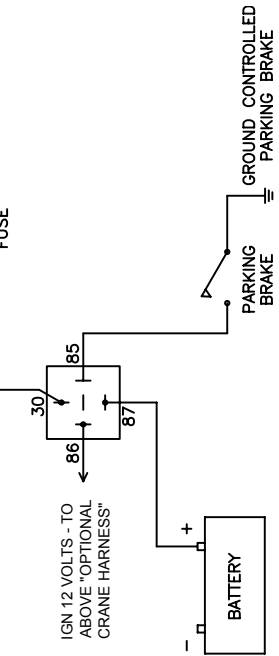
CRANE WIRING (HYDRAULIC CRANE):

USING HARNESS 51715664 (KIT 93715344), WIRE AS SHOWN, REFERENCING INCLUDED DWG 99901294



CRANE WIRING (ELECTRIC CRANE):

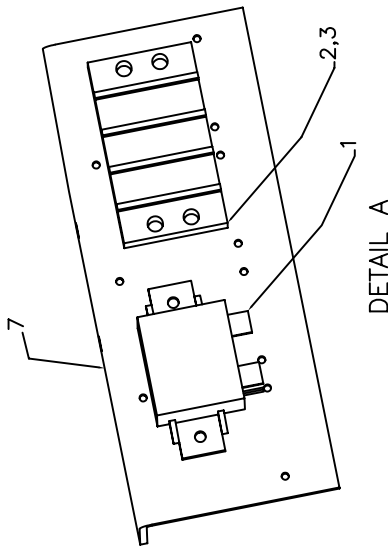
USING HARNESS 77441074 (KIT 93718047), WIRE AS SHOWN, REFERENCING INCLUDED DRAWING 99903519



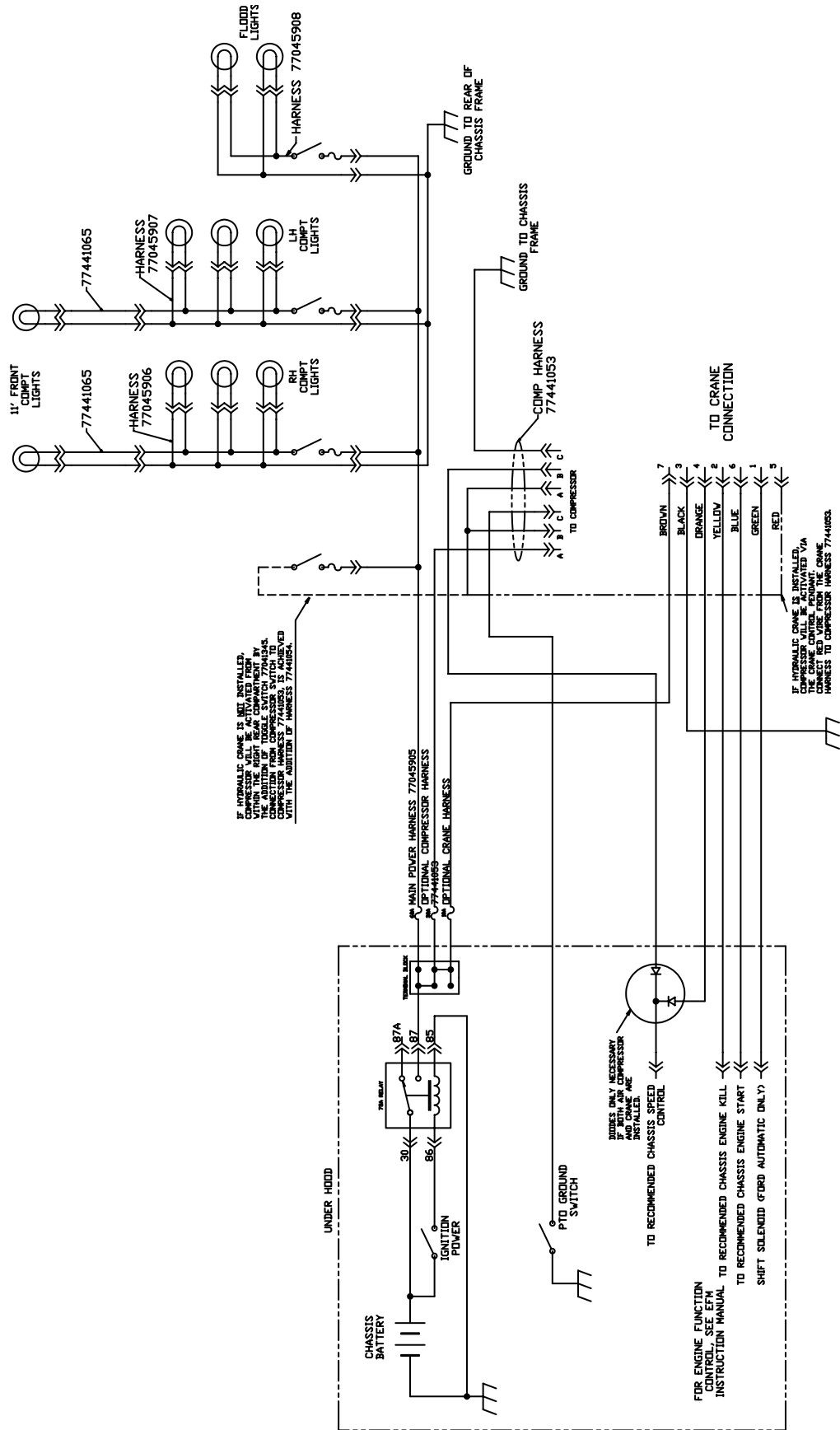
FRONT END WIRING (99903444)

- | | | | |
|-----|----------|------------------------------|---|
| 1. | 77040391 | RELAY-12V DC 75 AMP | 1 |
| 2. | 77045873 | ELEC 3POS TERM BLOCK | 1 |
| 3. | 77045874 | ELEC 3POS TERM BLK JUMPER | 2 |
| 4. | 77045905 | MAIN POWER HARNESS | 1 |
| 5. | 77040186 | TERM-FSLPON I 1/4TAB 16-14GA | 2 |
| 6. | 77040053 | TERM-RING I 1/4 STUD 12-10GA | 2 |
| 7. | 60124592 | BRACKET-SWITCH (NOT SH) | 1 |
| 8. | 70396254 | DECAL-SWITCH BRACKET (N/S) | 1 |
| 9. | 60250624 | BRKT-CIRCUIT BRKR MTG | 1 |
| 10. | 77041619 | FUSE-60 AMP MAXI | 1 |
| 11. | 77041628 | FUSE-HOLDER | 1 |
| 12. | 77041619 | FUSE-COVER | 1 |

REFERENCE: INSTALLATION KIT #51717763



ELECTRICAL SCHEMATIC (99903449)

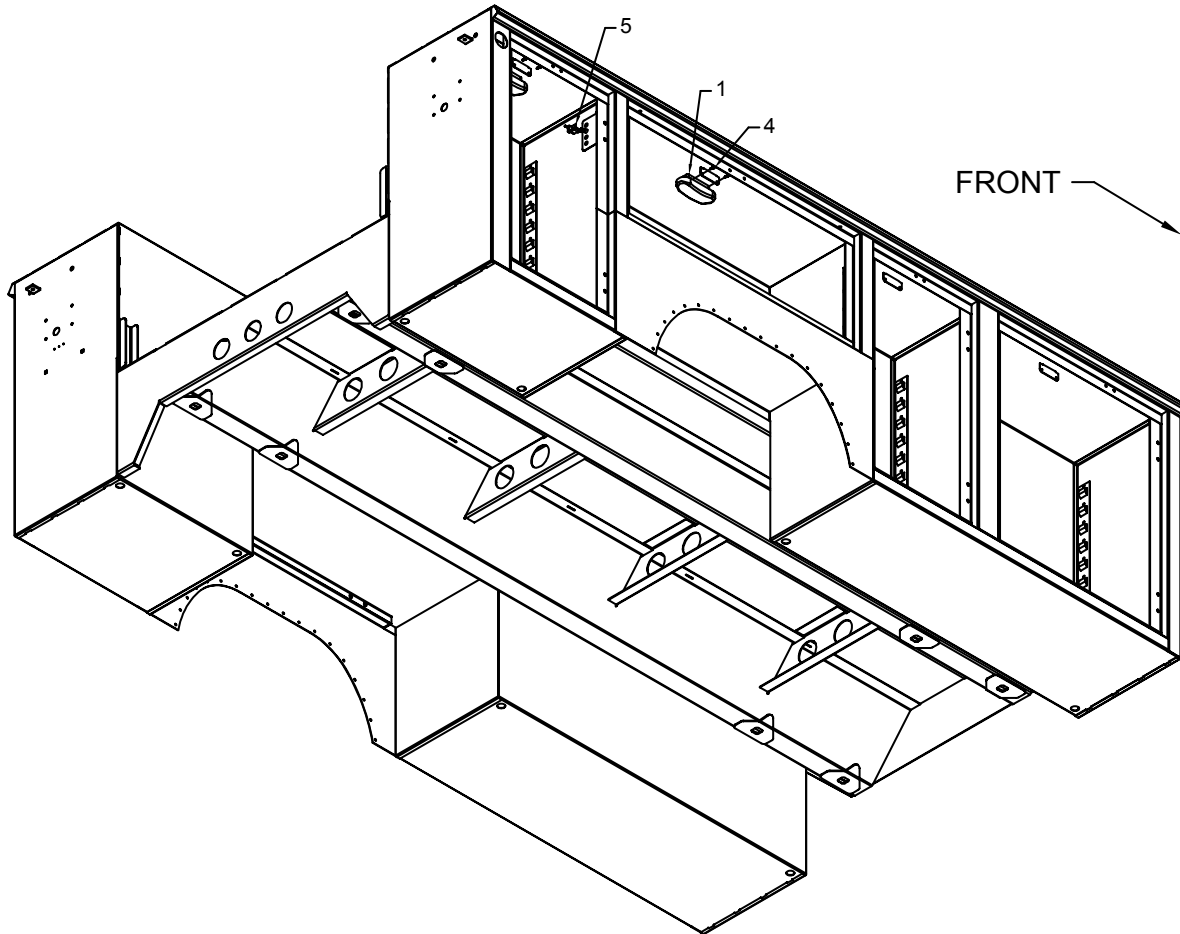


COMPARTMENT LIGHTS INSTALLATION (99903485)
(LIGHT KIT - 9' (51717700))
(LIGHT KIT - 11' (51717951))
(LIGHT KIT - 11' RR (51718304))

NOTE:

If body is not equipped with compartment light brackets, bracket # 60123421 will be needed (one per compartment). Bolt or weld bracket in place.

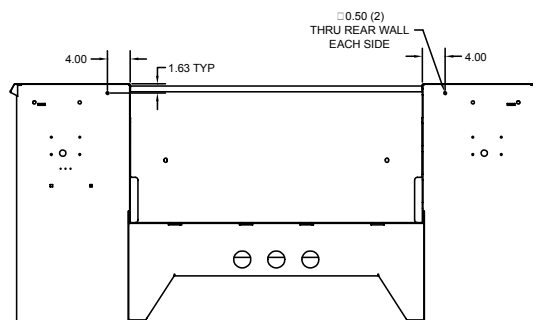
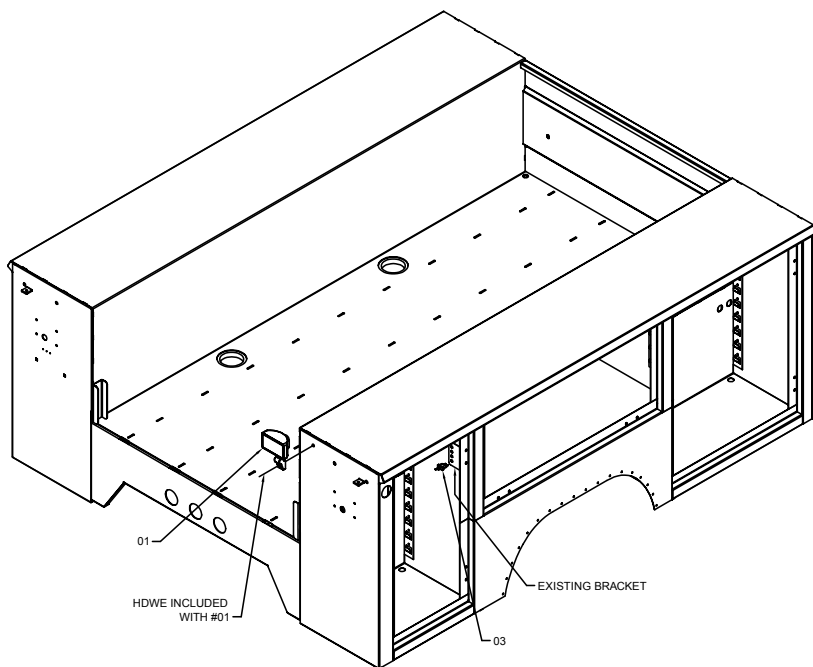
			9'	11'	11'RR
1.	77040384	COMPT LIGHT, 12V 2.1 AMP	6	8	8
2.	77045906	RIGHT COMPT HARNESS	1	1	1
3.	77045907	LEFT COMPT HARNESS	1	1	2
4.	72061100	SCR-SELF TAP 10 X 1/2 HH SL	12	16	16
5.	77041345	TOGGLE, SGL	2	2	1
6.	77441065	EXT COMPT HARNESS	-	2	
	77441090	EXT COMPT HARNESS, 11'RR			1
	60123421	BRACKET	A/R	A/R	A/R



1. MOUNT LIGHTS USING SUPPLIED HARDWARE
2. ROUTE HARNESSSES (#2,3) ALONG HEADER OF SIDEPACK, TOWARDS FRONT OF BODY.
3. FOR 11' VERSION, PLUG IN EXTENSION HARNESSSES (#6) AT FRONT OF STANDARD HARNESSSES
4. INSTALL SWITCHES (#5) IN BRACKET IN RIGHT REAR COMPARTMENT, CONNECTING SPADE TERMINALS OF HARNESSSES (#2,3) TO SWITCHES

FLOODLIGHT INSTALLATION (99903484) (FLOODLIGHT KIT 51717701)

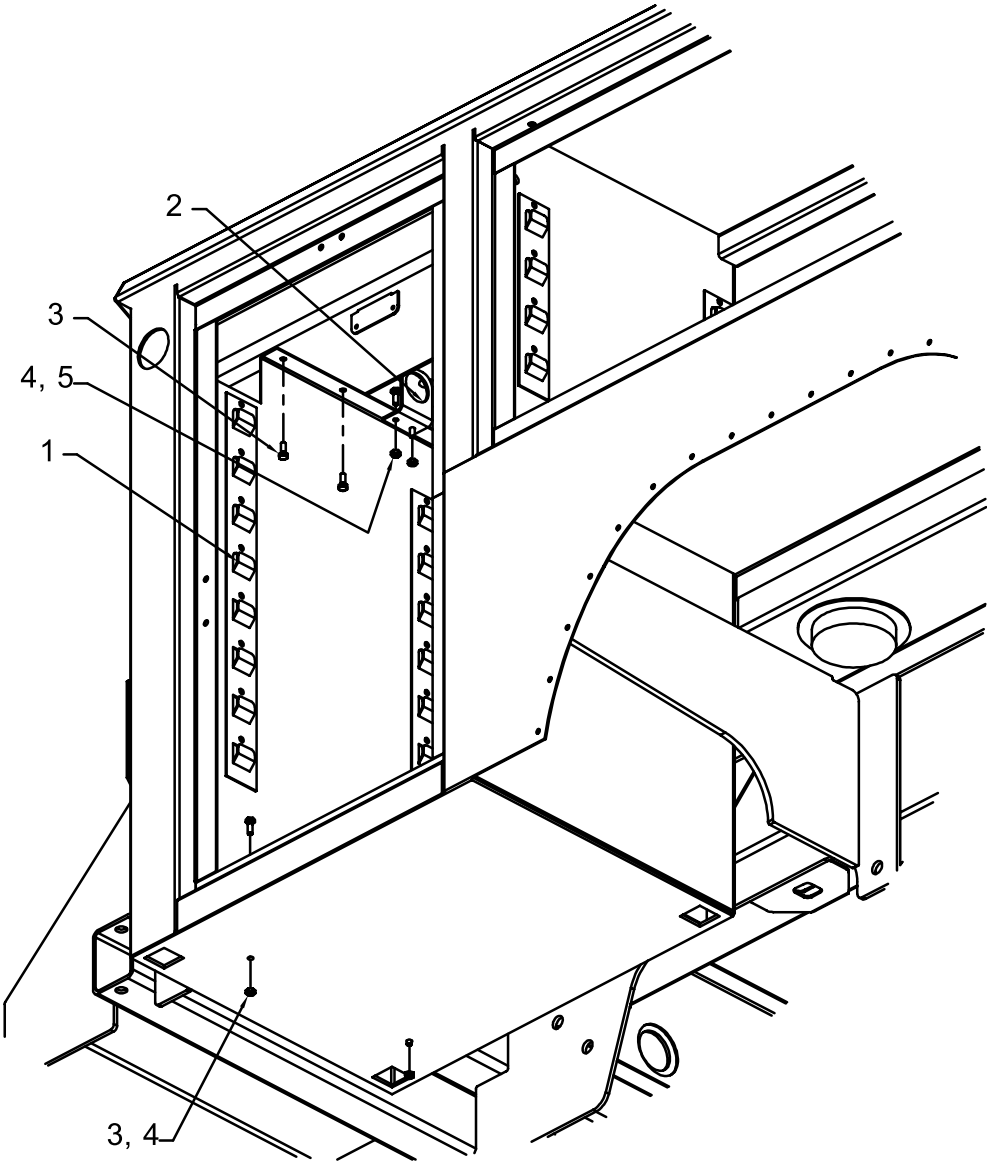
1.	77040424	FLOODLIGHT, TOP MT	2
2.	77045908	FLOODLIGHT HARNESS	1
3.	77041345	TOGGLE SWITCH	1
4.	77044573	CONN, PKRD WP 2CAV MALE/SHR 2	
5.	77045887	TERM/ PK WP 14-16GA MALE	4
6.	77044927	CABLE SEAL WP/MP 14GA GRAY	4



1. DRILL HOLES IN REAR PANELS AS SHOWN
2. MOUNT FLOODLIGHTS USING SUPPLIED HARDWARE
3. TERMINATE FLOODLIGHT WIRES USING PARTS #4,5,6 - POLARITY IS NOT CRITICAL
4. INSTALL SWITCH (#3) IN BRACKET IN RIGHT REAR COMPARTMENT, CONNECT SPADE TERMINALS OF HARNESS (#2) TO SWITCH
5. ROUTE HARNESS (#2) THRU ACCESS HOLES IN SIDEPACK, UNDER FLOOR TO OTHER SIDE

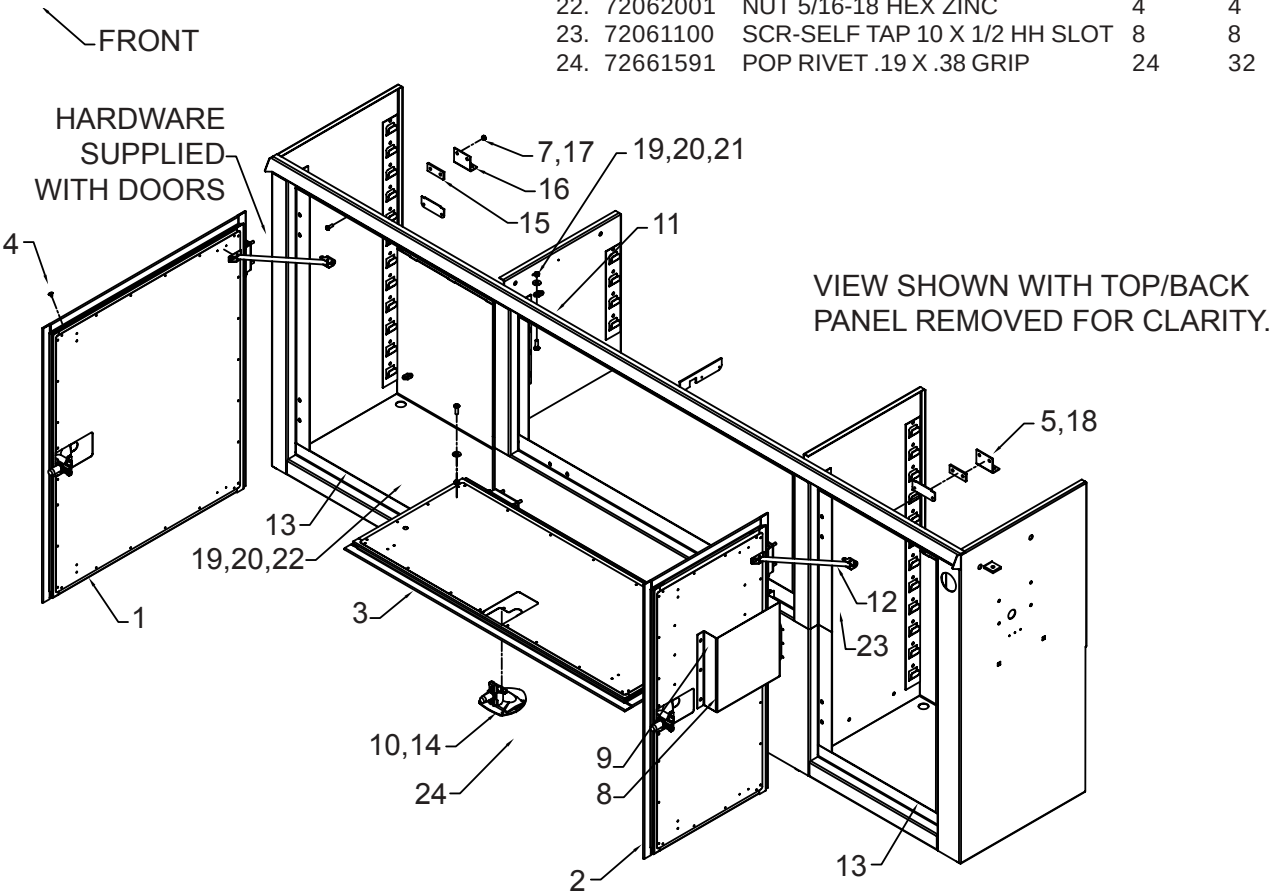
PANEL/HARNESS CONNECTOR IN-STALLATION (99903497)

- | | | | |
|----|----------|---------------------------|---|
| 1. | 52717705 | PANEL WELDMENT | 1 |
| 2. | 60119299 | MTG BRACKET | 1 |
| 3. | 72060001 | CAP SCR 1/4-20X5/8 HHGR5Z | 4 |
| 4. | 72062104 | NUT 1/4-20 HEX NYLOC ZINC | 4 |
| 5. | 72060000 | CAP SCR 1/4-20X1/2 HHGR5Z | 2 |



DOOR ASSEMBLY (99903548)
(EFFECTIVE 5-15-03. REPL. 99903480)

			<u>9'</u>	<u>11'</u>
1.	52718140	DOOR WELDMENT-FRONT	2	2
2.	52718139	DOOR WELDMENT-REAR	2	4
3.	52718141	DOOR WELDMENT-HORIZ	2	2
4.	70393719	RUBBER PLUG	8	12
5.	72060636	SCR-MACH #10-24 X 3/4 RDH PH	8	12
7.	72062104	NUT 1/4-20 HEX NYLOC ZINC	8	12
8.	60123528	MANUAL BOX	1	1
9.	72061004	SCR-SHT MET 14X3/4 SLT HEX	6	6
10.	72661575	LATCH-3-PT T-STYLE W/STRIKE	6	8
11.	72661550	CABLE-PLASTIC COATED	2	2
12.	70396116	DOOR HOLDER-SPRING	4	6
13.	89396430	WEATHERSTRIPPING	60'	80'
14.	76396419	GASKET-LATCH	6	8
15.	60123799	SPACER-SPRING DOOR STOP	4	6
16.	60123800	BRACKET-SPRING DOOR STOP	4	6
17.	72601652	SCR-MACH 1/4-20 X 3/4 RH	20	28
18.	72062106	NUT 10-24 HEX NYLOC ZINC	8	12
19.	72601590	CAP SCR SS 5/16-18 X 1.00 TRH	8	8
20.	72063002	WASHER 5/16 FLAT	8	8
21.	72062109	NUT 5/16-18 HEX NYLOC ZINC	4	4
22.	72062001	NUT 5/16-18 HEX ZINC	4	4
23.	72061100	SCR-SELF TAP 10 X 1/2 HH SLOT	8	8
24.	72661591	POP RIVET .19 X .38 GRIP	24	32

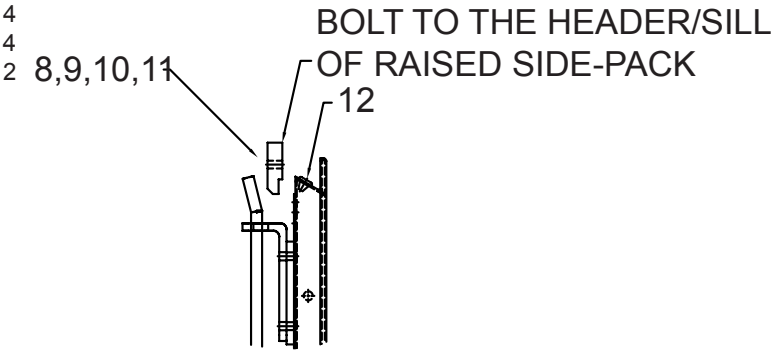


9' LH SIDEPACK SHOWN. RH IS MIRROR IMAGE.
QTY LISTED IS FOR BOTH SIDES.

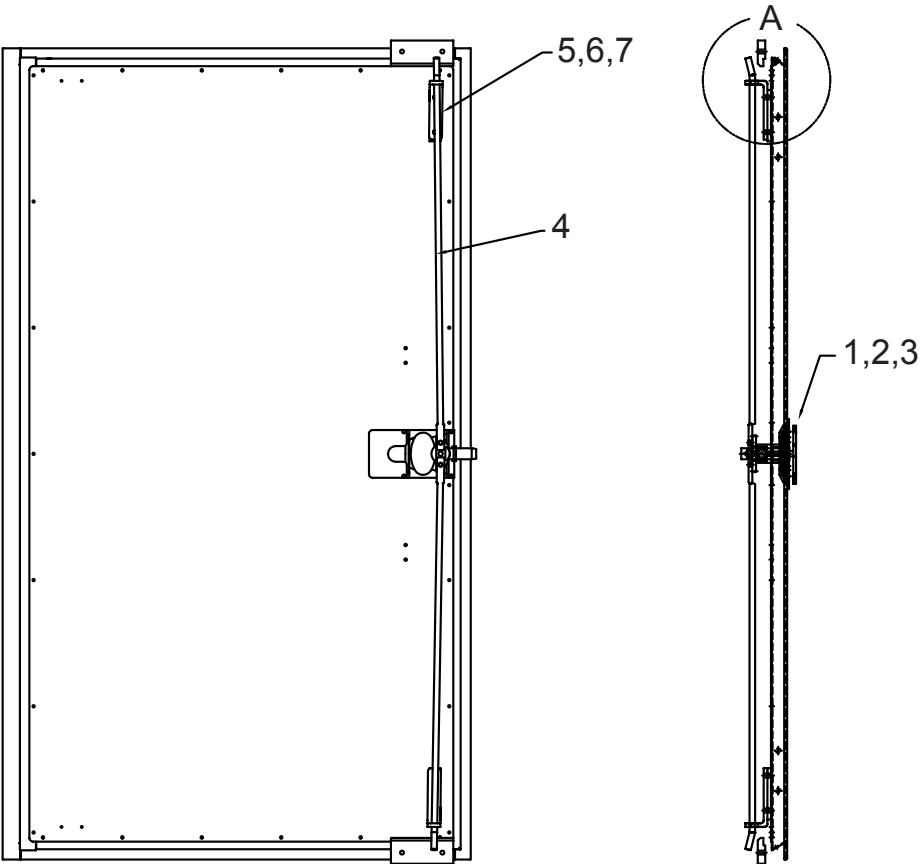
11' BODY IS IDENTICAL, EXCEPT 2ND VERTICAL COMPARTMENT
COMPONENTS ARE SAME AS REAR COMPARTMENT.

DOOR ASM - RAISED RIGHT FRONT
(99903547)
(EFF. 5-15-03 REPL. 99903543)

1.	72661575	LATCH ASM-3 PT "T"	1
2.	76396419	GASKET	1
3.	72661591	RIVET, POP SS .19 X .38 GRIP	4
4.	60125541	ROD, DOOR	2
5.	60250984	PLATE, DOOR ROD GUIDE	2
6.	70143131	GUIDE, ROD 3/8	2
7.	72061004	SCR, SHT MET 14 X 3/4 SLT HEX	4
8.	60125540	STRIKER	2
9.	72601548	CAP SCR, SS 1/4-20X1.25	4
		TRH PHH	4
10.	72063001	WASHER 1/4 FLAT	4
11.	72062104	NUT 1/4-20 HEX NYLOC ZINC	4
12.	70393719	RUBBER PLUG	2

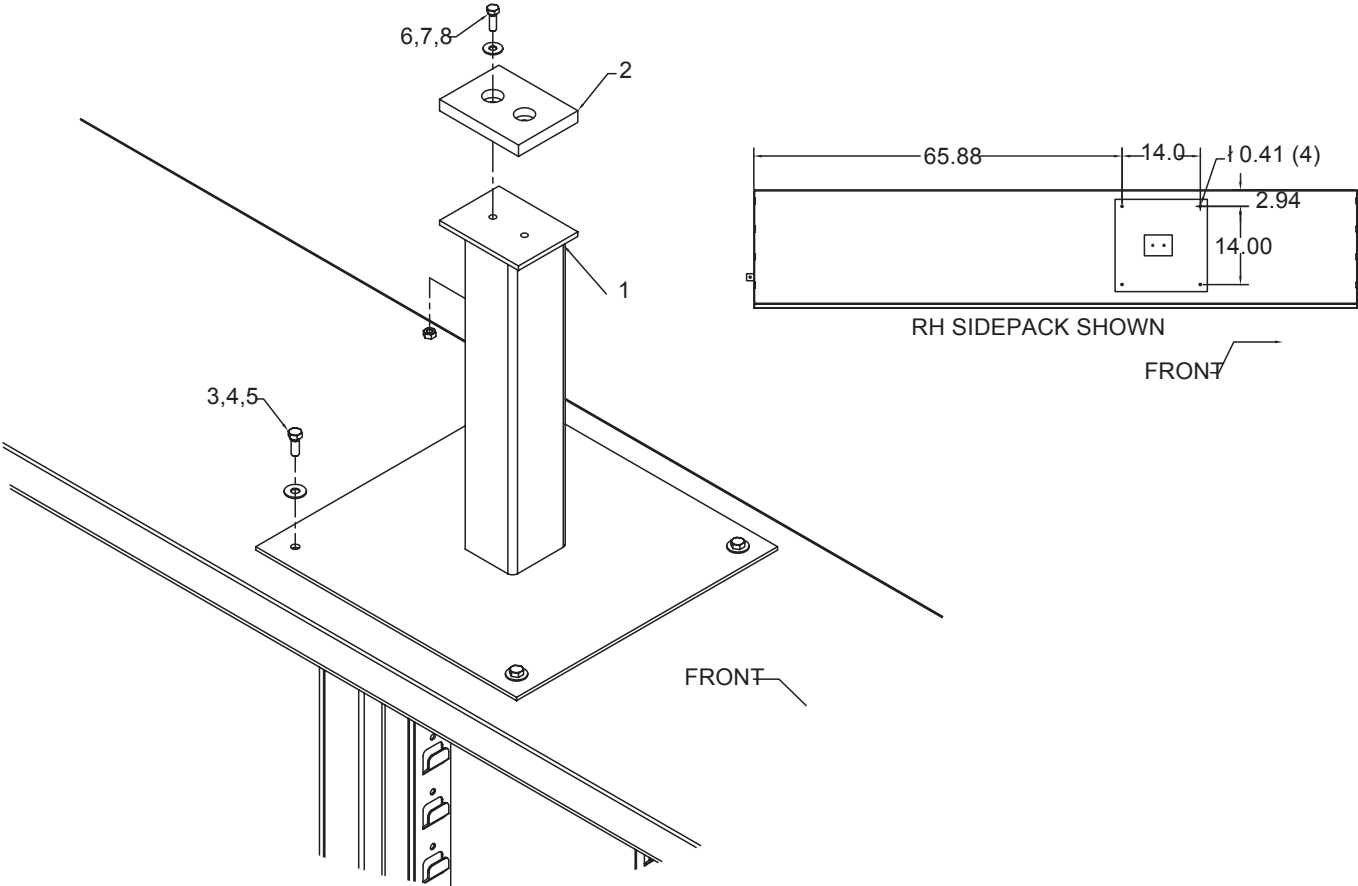


DETAIL A
SCALE 2:1



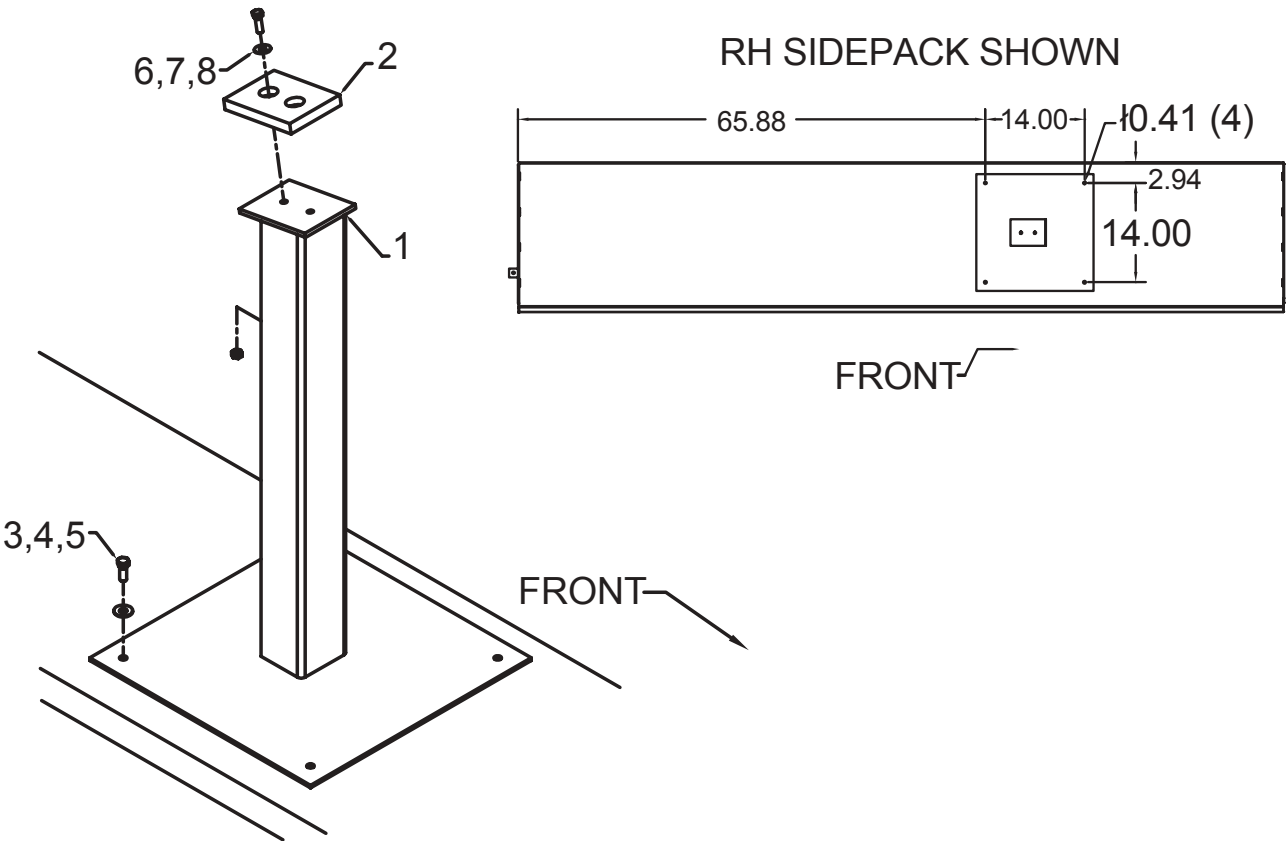
1015 BOOM SUPPORT (51717720) (DWG. 99903506)

1.	52717721	BOOM SUPPORT WELDMENT	1
2.	60124575	BOOM SUPPORT PAD	1
3.	72060046	CAP SCR 3/8-16 X 1.00 HH GR5	4
4.	72062103	NUT 3/8-16 HEX NYLOC	4
5.	72063003	WASHER 3/8 FLAT	4
6.	72060025	CAP SCR 5/16-18 X 1.00 HHGR5	2
7.	72063001	WASHER 1/4 FLAT	2
8.	72062109	NUT 5/16-18 HEX NYLOC	2



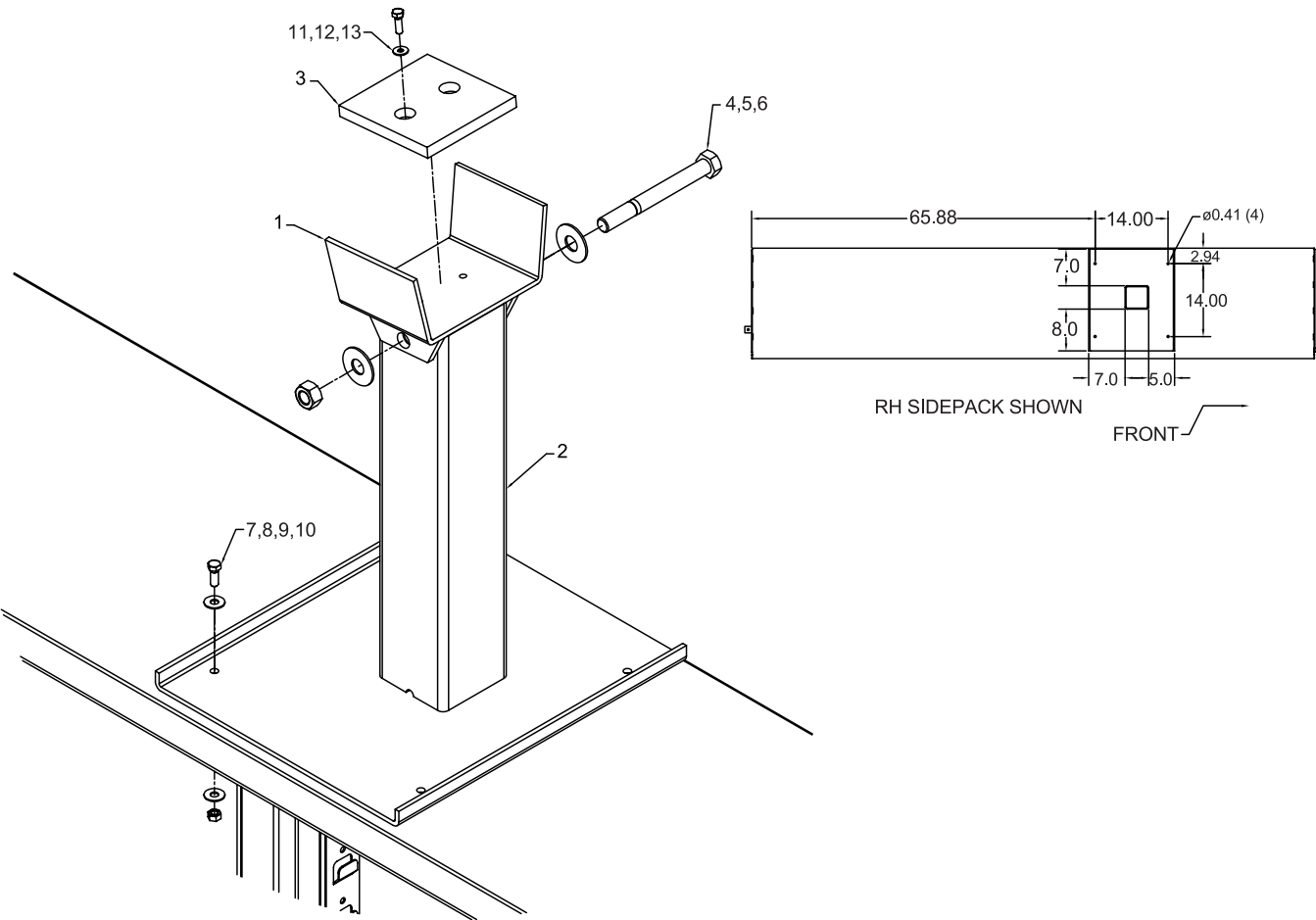
**1015 BOOM SUPPORT- RAISED RIGHT
FRONT (51718053) (DWG. 99903521)**

1.	52718055	BOOM SUPPORT WELDMNT	1
2.	60124575	BOOM SUPPORT PAD	1
3.	72060046	CAP SCR 3/8-16 X 1.00 HH GR5	4
4.	72062103	NUT 3/8-16 HEX NYLOC	4
5.	72063003	WASHER 3/8 FLAT	4
6.	72060025	CAP SCR 5/16-18 X 1.00 HHGR5	2
7.	72063001	WASHER 1/4 FLAT	2
8.	72062109	NUT 5/16-18 HEX NYLOC	2



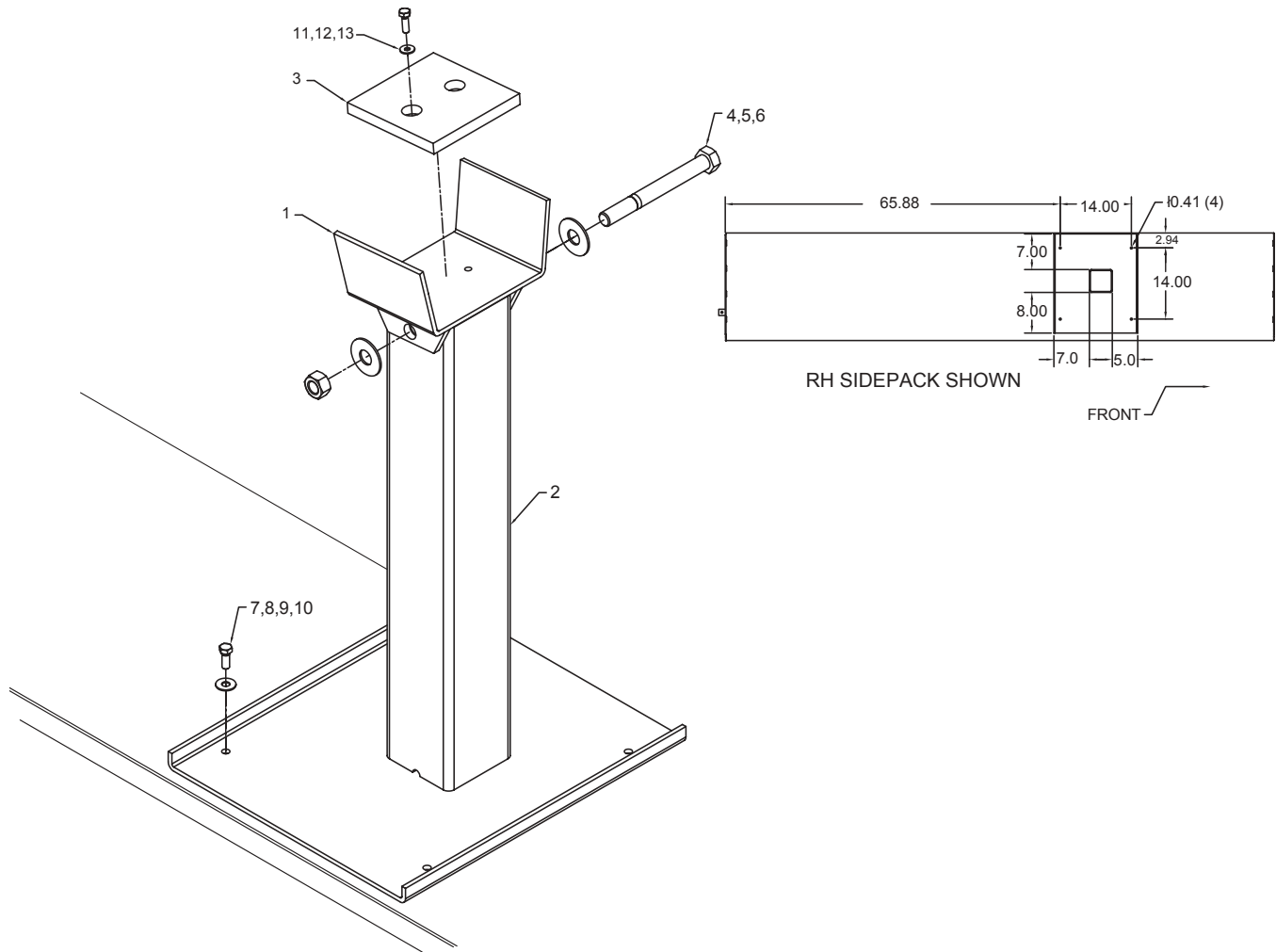
2020 BOOM SUPPORT (51717987)
(DRAWING 99903505)

1.	52712318	BOOM SUPPORT WELDMENT	1
2.	52717988	BOOM SUPPORT PAD	1
3.	60125031	WEAR PAD	1
4.	72060195	CAP SCR 3/4-10X7.00 HHGR5	1
5.	72062114	NUT 3/4-10 HEX NYLOC	1
6.	72063008	WASHER 3/4 WRT	2
7.	72060046	CAP SCR 3/8-16X1.00 HHGR5Z	4
8.	72062103	NUT 3/8-16 HEX NYLOC ZINC	4
9.	72063003	WASHER 3/8 FLAT	4
10.	76392821	WASHER 3/8 BONDED PLT	4
11.	72060025	CAP SCR 5/16-18 X 1.00 HHGR5	2
12.	72063001	WASHER 1/4 FLAT	2
13.	72062109	NUT 5/16-18 HEX NYLOC	2



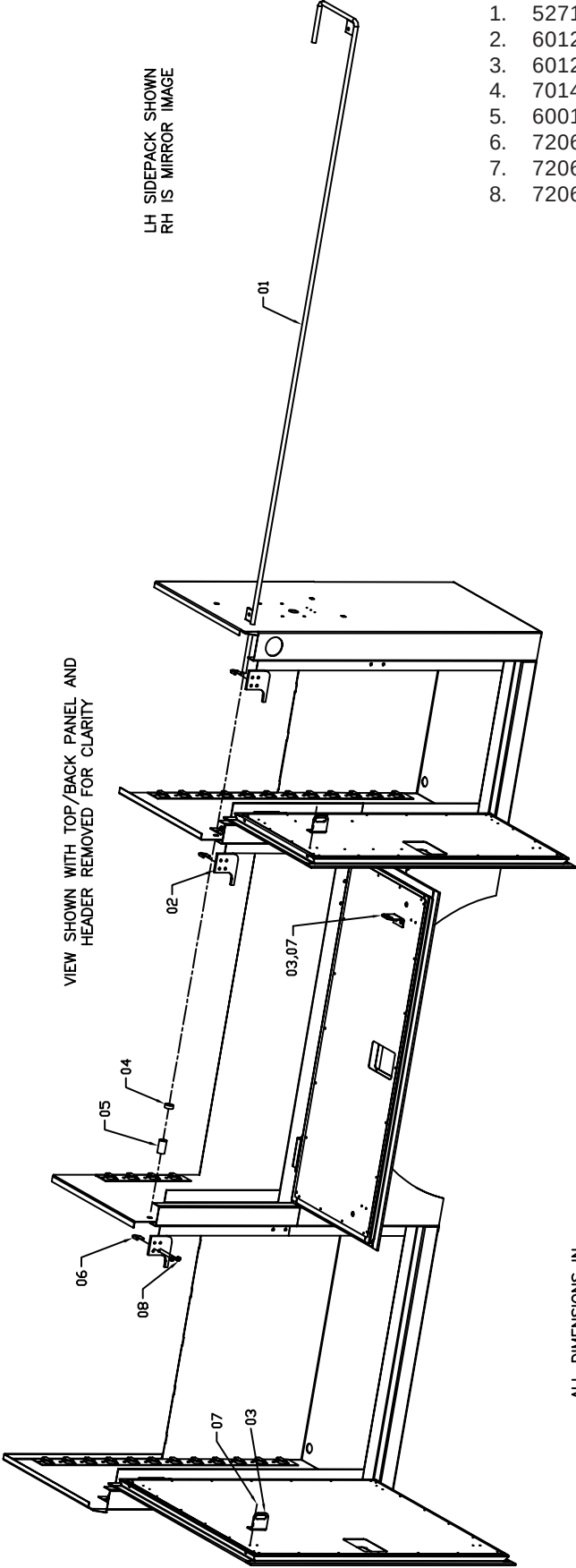
2020 BOOM SUPPORT - RAISED RIGHT FRONT (51718052) (DRAWING 99903522)

1.	52712318	BOOM SUPPORT WELDMENT	1
2.	52718054	BOOM SUPPORT PAD	1
3.	60125031	WEAR PAD	1
4.	72060195	CAP SCR 3/4-10X7.00 HHGR5	1
5.	72062114	NUT 3/4-10 HEX NYLOC	1
6.	72063008	WASHER 3/4 WRT	2
7.	72060046	CAP SCR 3/8-16X1.00 HHGR5Z	4
8.	72062103	NUT 3/8-16 HEX NYLOC ZINC	4
9.	72063003	WASHER 3/8 FLAT	4
10.	76392821	WASHER 3/8 BONDED PLT	4
11.	72060025	CAP SCR 5/16-18 X 1.00 HHGR5	2
12.	72063001	WASHER 1/4 FLAT	2
13.	72062109	NUT 5/16-18 HEX NYLOC	2

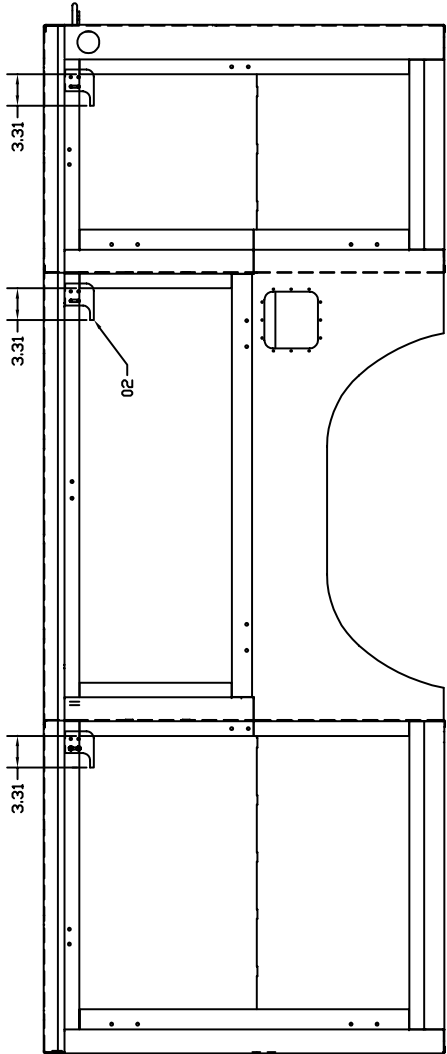


MASTER LOCK ASSEMBLY - 9'
(51717157)

1.	52717385	MASTER LOCK ROD	1
2.	60123529	FINGER	3
3.	60123530	RECEPTACLE	3
4.	70143654	SHAFT COLLAR	1
5.	60010351	SPRING "T" PIN	6
6.	72066912	U BOLT 1/4-20 X 1.12 IL X 5/8 W	6
7.	72061004	SCR-SHT MET 14X3/4 SLT HEXZ	6
8.	72062104	NUT 1/4-20 HEX NYLOC ZINC	12

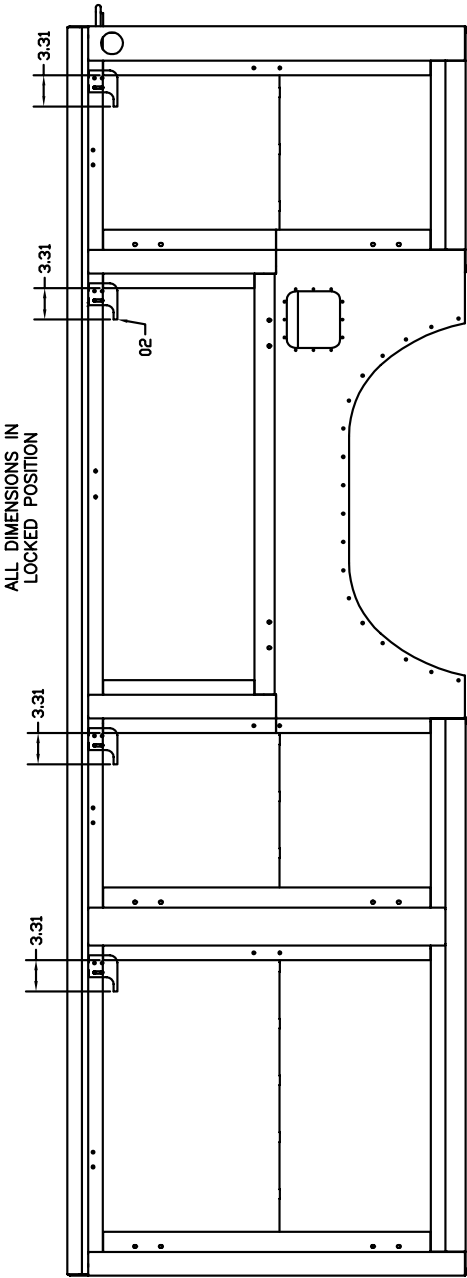
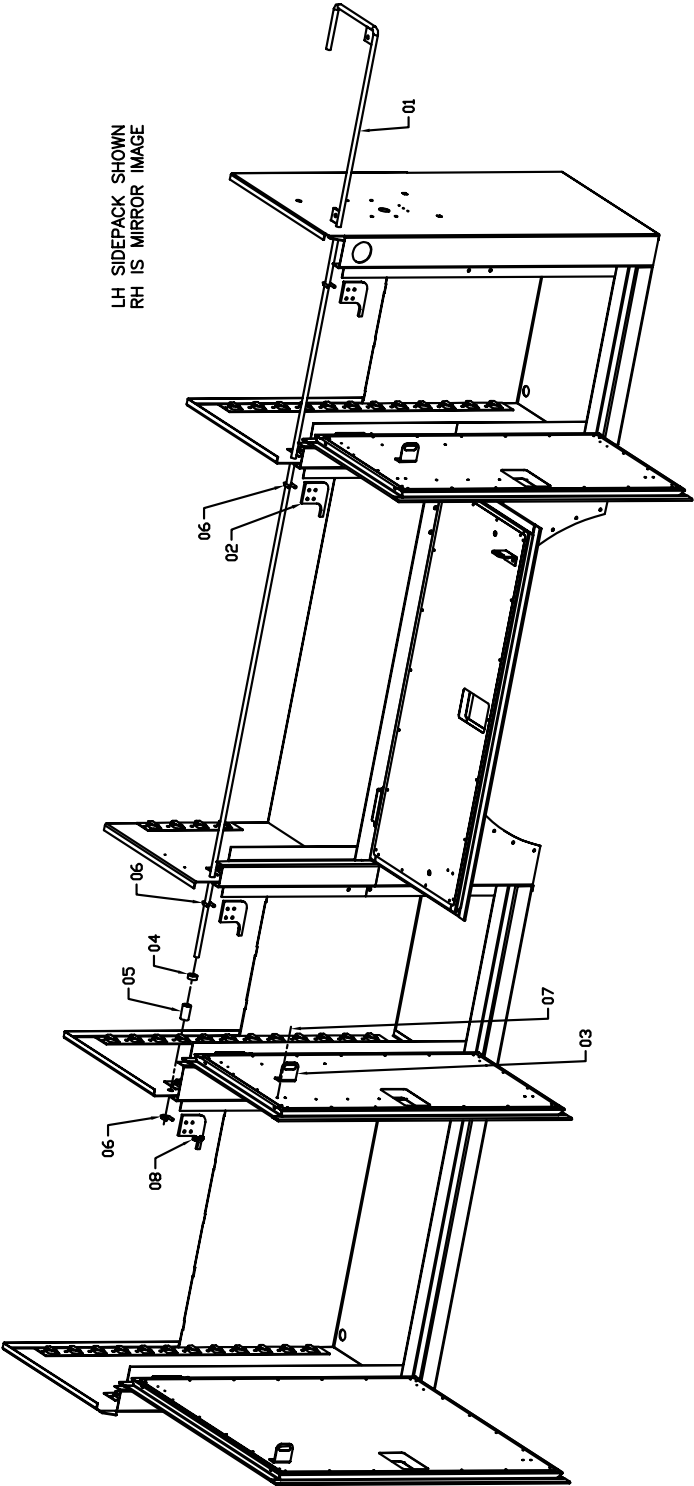


ALL DIMENSIONS IN
LOCKED POSITION



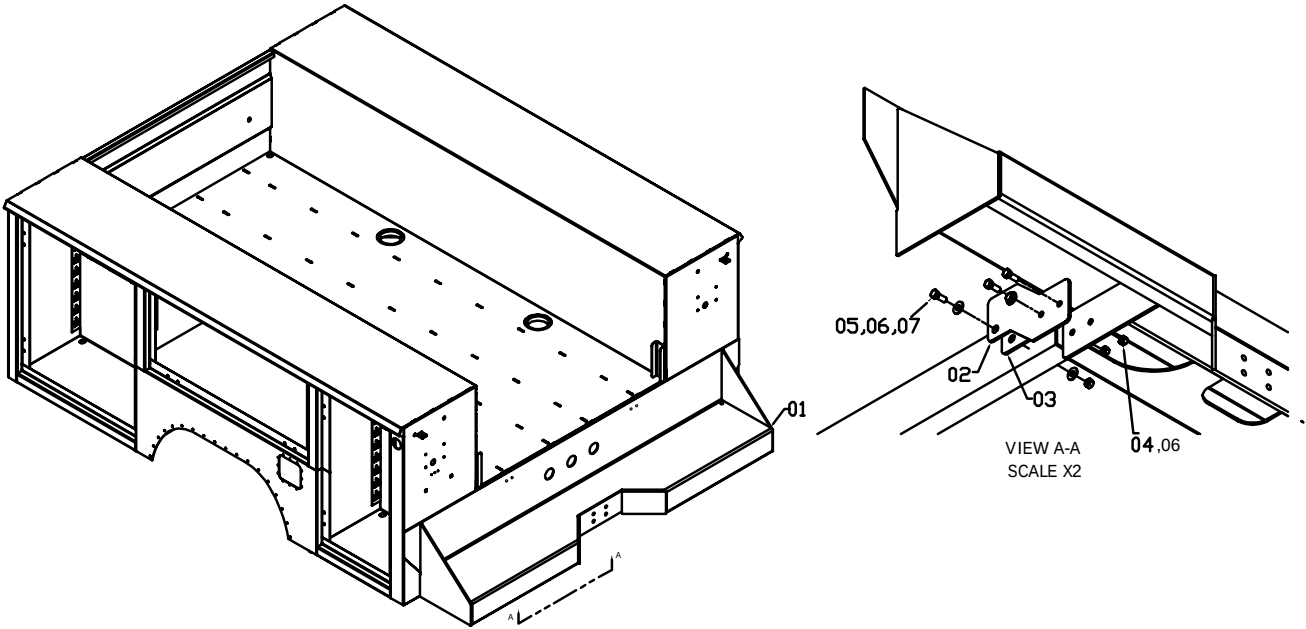
MASTER LOCK ASSEMBLY - 11'
(51717929)

1.	52717927	CONTROL ROD WELDMENT	1
2.	60123529	FINGER	4
3.	60123530	RECEPTACLE	4
4.	70143654	SHAFT COLLAR	1
5.	60010351	SPRING "T" PIN	1
6.	72066912	U BOLT 1/4-20 X 1.12 IL X 5/8 W	8
7.	72061004	SCR-SHT MET 14X3/4 SLT HEXZ	8
8.	72062104	NUT 1/4-20 HEX NYLOC ZINC	16



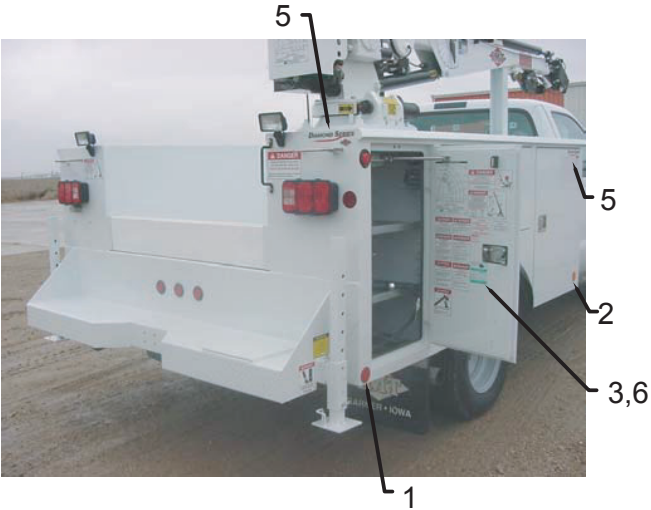
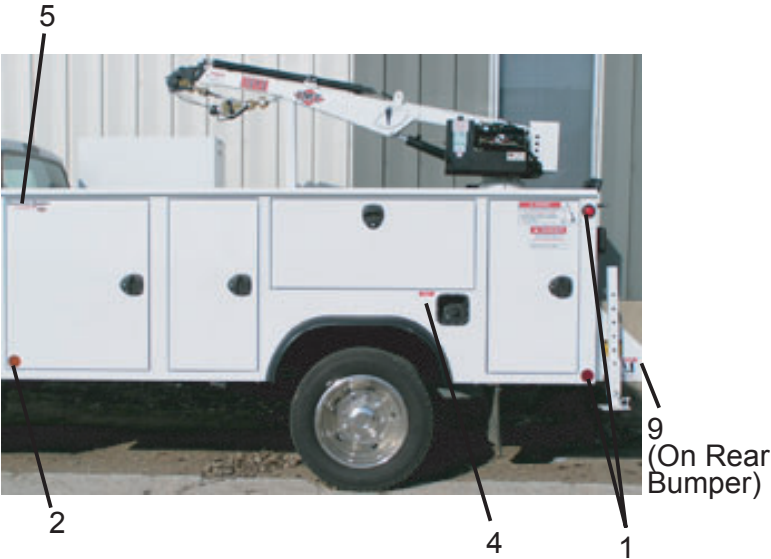
BUMPER KIT (93717924)

1.	52717382	BUMPER, STEP W/RECESS	1
2.	60124936	SHEAR PLATE	2
3.	60124937	SPACER	2
4.	72601272	CAP SCR 1/2-13 X 1.25 HHGR8Z	4
5.	72060118	CAP SCR 1/2-13 X 2.00 HHGR8Z	4
6.	72062232	NUT 1/2-13 HEX TOP LOCK GR8Z	8
7.	72063005	WASHER 1/2 FLAT	8



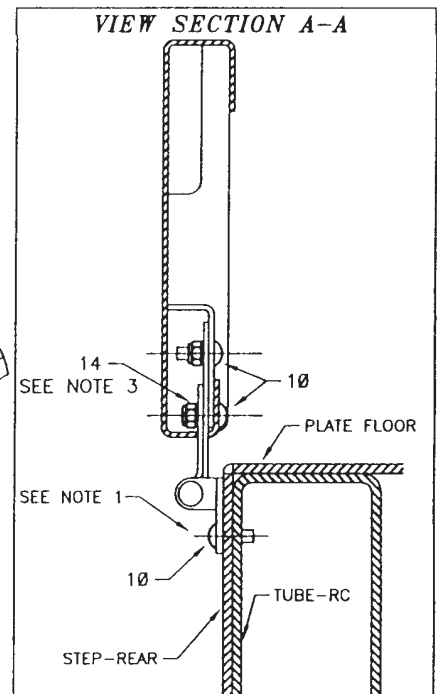
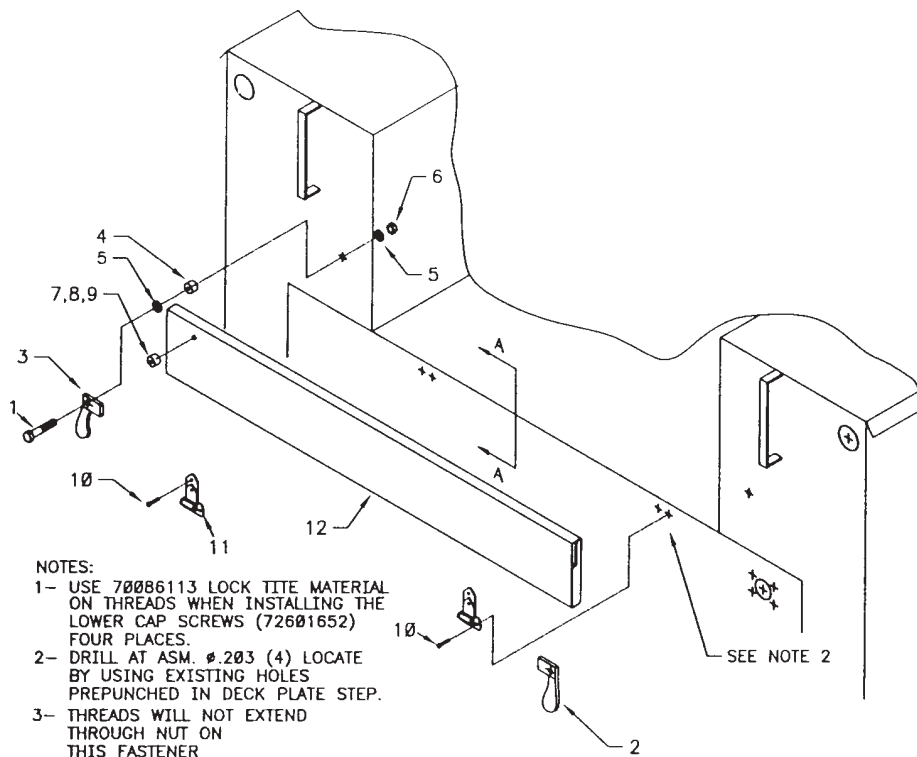
DECAL KIT (95717772)

1.	70039057	REFLECTOR-RED	4
2.	70039058	REFLECTOR-AMBER	4
3.	70392213	DECAL-CAUTION, WASH/WAX	1
4.	70392309	DECAL-DIESEL FUEL ONLY	1
5.	70396271	DECAL-DIAMOND SERIES	3
6.	70392982	DECAL-SERV & REPAIR	1
7.	70394092	DECAL-BRAKE/COMP (IN CAB)	1
8.	70392965	DECAL-THINK SAFE (IN CAB)	1
9.	70396266	DECAL-TOWING	1



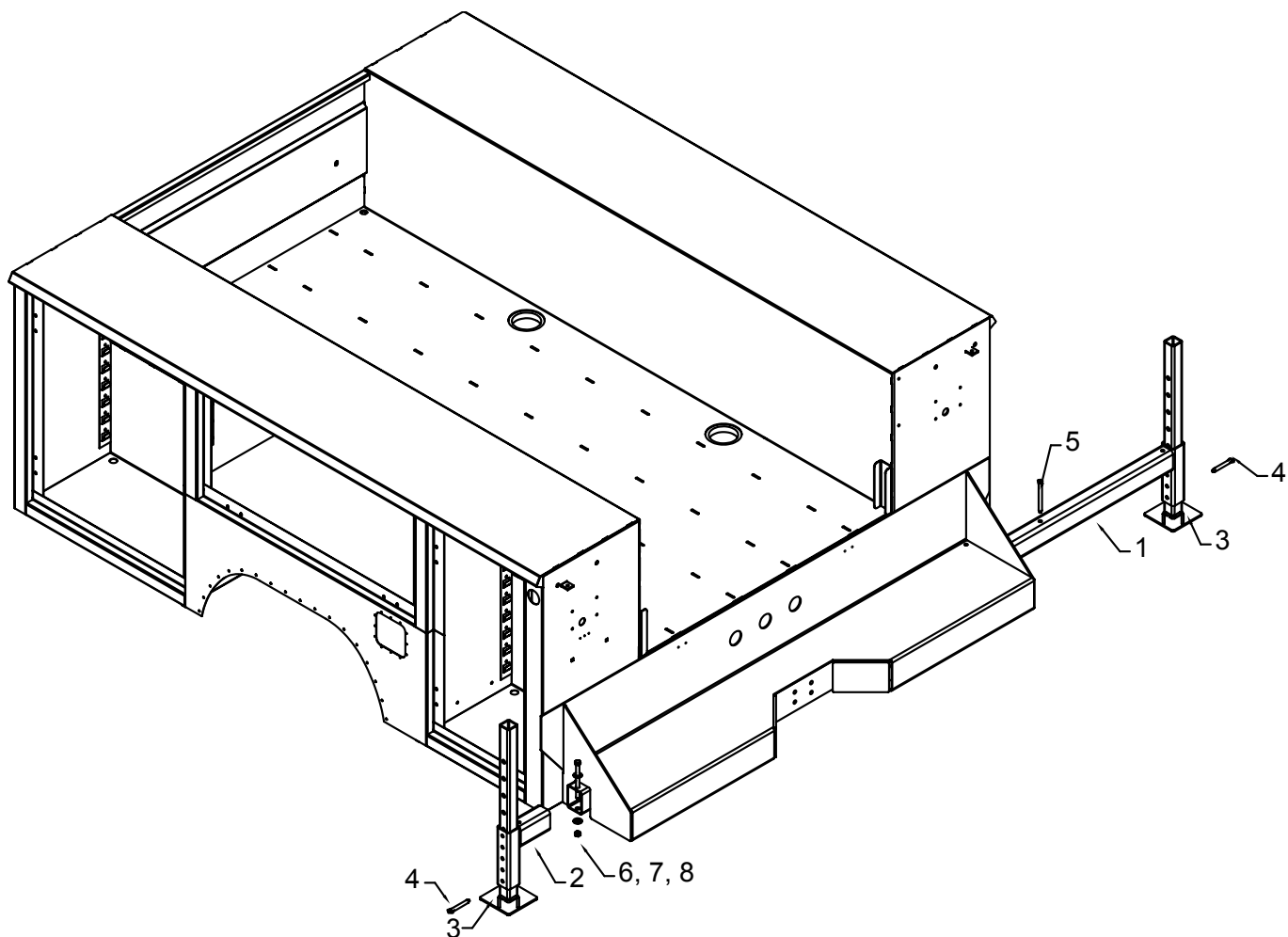
TAILGATE KIT (51711241)

1.	72060096	CAP SCR 1/2-13X2-1/2 HHGR5	2
2.	72066369	LATCH-RH	1
3.	72066368	LATCH-LH	1
4.	60030243	SPACER	2
5.	72063005	WASHER 1/2 WRT	4
6.	72062080	NUT 1/2-13 LOCK	2
7.	76039990	BUMPER-RUBBER	1
8.	72060636	MACH SCR #10-24X3/4 RDHD	1
9.	72062106	NUT #10-24 LOCK	1
10.	72601652	CAP SCR 1/4-20X3/4 TRHTORXSS	8
11.	72661383	HINGE	2
12.	52711219	TAILGATE	1
14.	72062194	NUT 1/4-20 LOCK SS	4



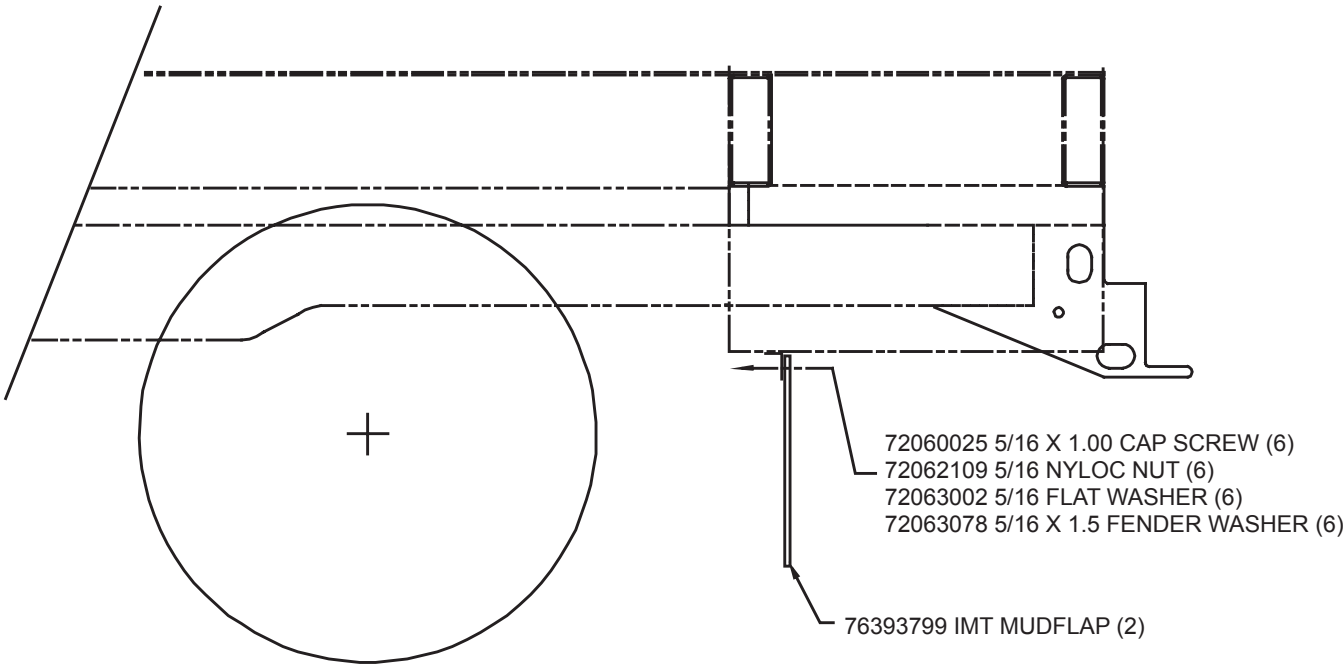
OUTRIGGER KIT (51717728)

- | | | | |
|----|----------|------------------------------|---|
| 1. | 52717383 | OUTRIGGER ARM, EXTENDING | 1 |
| 2. | 52717631 | OUTRIGGER ARM, STATIONARY | 1 |
| 3. | 52705229 | OUTRIGGER LEG, FRONT | 2 |
| 4. | 71732054 | PIN-QUICK RELEASE 1/2 X 2.5 | 2 |
| 5. | 71731461 | PIN-T QUICK RELEASE 1/2X4 | 1 |
| 6. | 72060101 | CAP SCR 1/2-13 X 5.00 HHGR5Z | 1 |
| 7. | 72062107 | NUT 1/2-13 HEX CENTER LOCK | 1 |
| 8. | 72063005 | WASHER 1/2 FLAT | 2 |



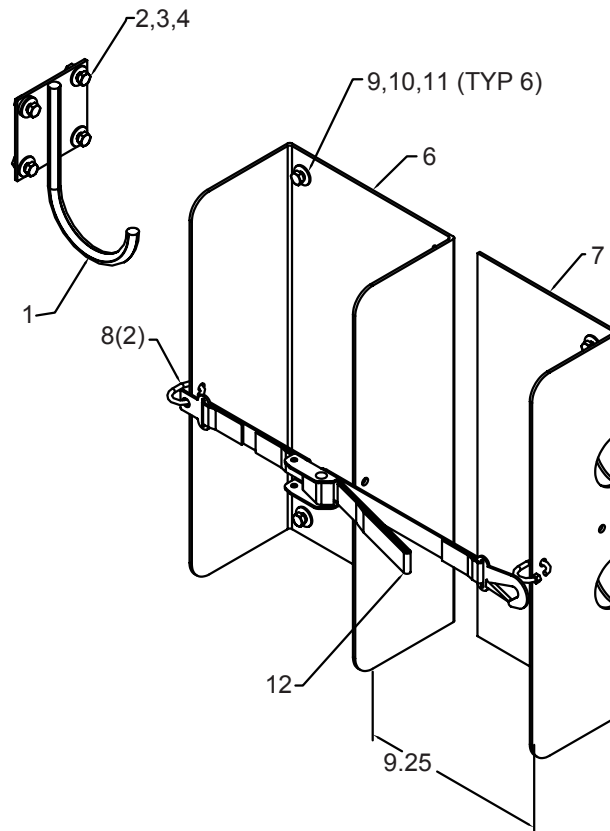
MUDFLAPS KIT (51717774)

STREET SIDE VIEW SHOWN



TANK BRACKET, TWO BOTTLE (51713311)

1.	52704224	HOOK, WELDMENT -"J"	1REF
2.	72060023	CAP SCR 5/16-18X3/4 HHGR5Z	4REF
3.	72062109	NUT 5/16-18 HEX NYLOC ZINC	4REF
4.	72063002	WASHER 5/16 FLAT	4REF
6.	60108389	BOTTLE HOLDER, 9 IN.	1
7.	60113940	BOTTLE HOLDER, 11M940	1
8.	70058959	CHAIN CONNECTOR, THRD 3/16	2
9.	72060023	CAP SCR 5/16-18X3/4 HH GR5Z	6REF
10.	72062109	NUT 5/16-18 HEX NYLOC ZINC	6REF
11.	72063001	WASHER 1/4 FLAT	12REF
12.	70733516	STRAP 36" BOTTLE HOLDER W/SNAP HOOK	1



#9,10,11 ARE CONTAINED IN KIT 51716346

- ☐ (HARDWARE KIT- DOMINATOR OXY/ACT
- ☐ 2 BOTTLE FRONT WALL)

#1,2,3,4 ARE CONTAINED IN KIT 51706696

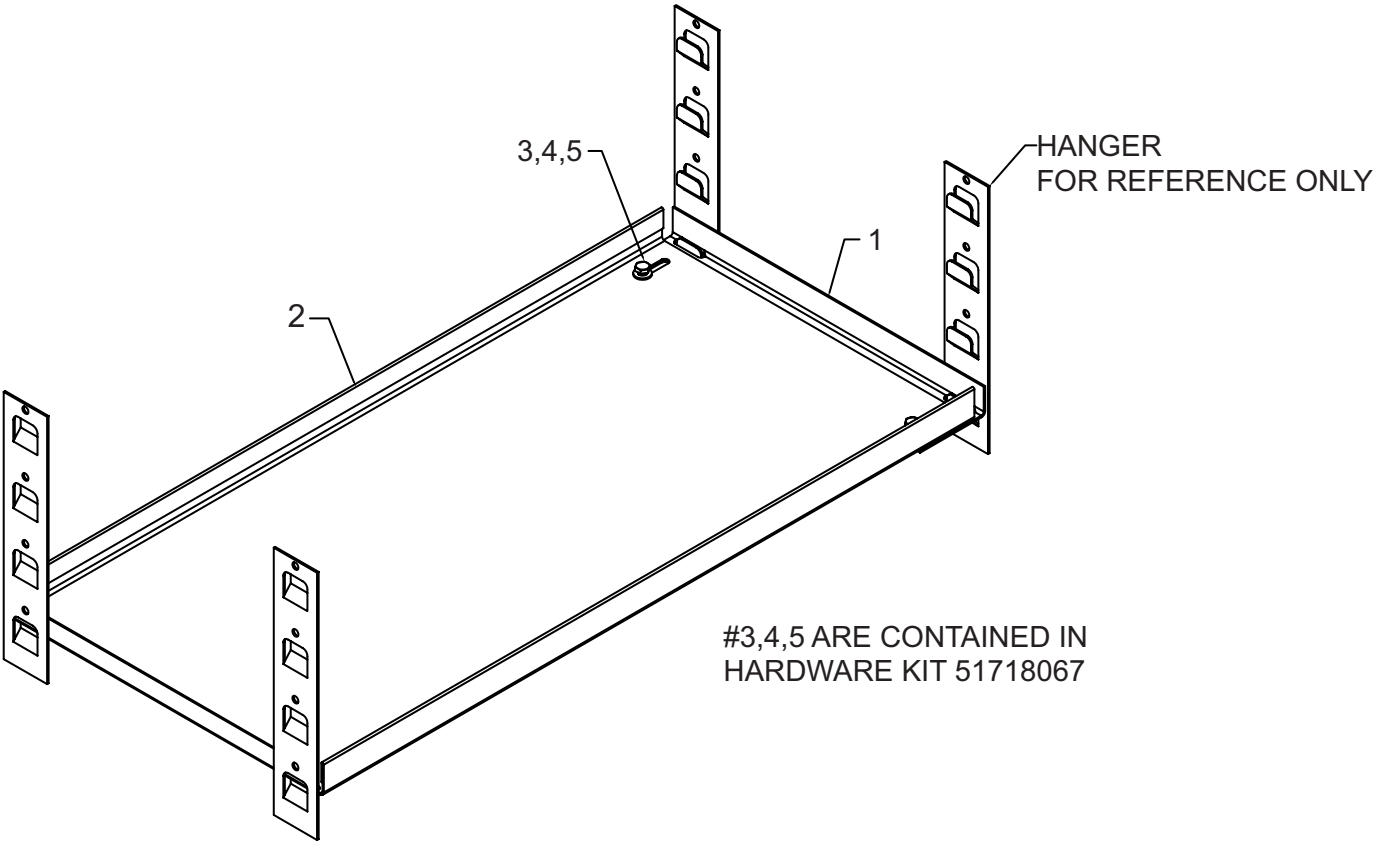
- ☐ (HARDWARE KIT - DOMINATOR
- ☐ HOOK/"J" BOLT - ADJUSTABLE SHELF)

INSTALLATION DRAWING, 20K ADJUST-
ABLE SHELVING (99903528)

- 1. 60123831 ADJ SHELVING END 1
- 2. SEE TABLE SHELF, DIAMOND SERIES BODY 1
- 3. 72060023 CAP SCR 5/16-18X3.4 HHGR5Z 2REF
- 4. 72062109 NUT 5/16-18 HEX NYLOC ZINC 2REF
- 5. 72063002 WASHER 5/16 FLAT 4REF

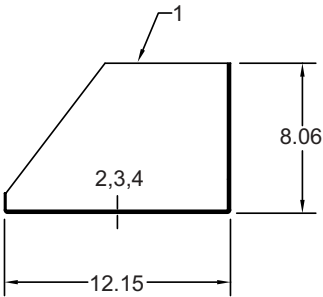
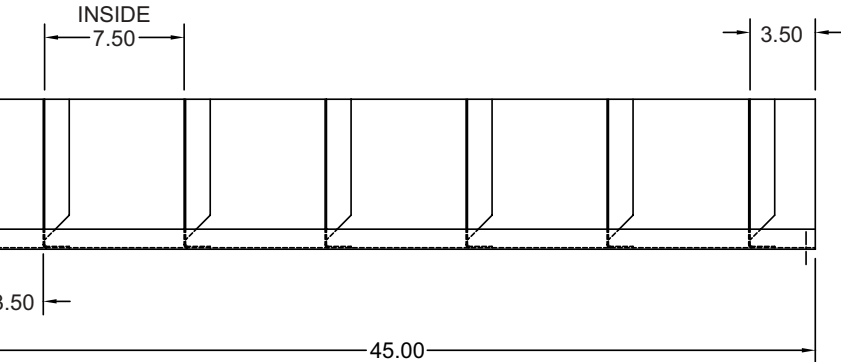
#2 SHELF BY COMPARTMENT LOCATION

LOCATION	SHELF ASM #	DESCRIPTION	SHELF PART#
LV1/RV1	51717723	SHELF-16.25 X 3.88 ADJ	60123829
LV2/RV2 (11" BODY)	51717910	SHELF-16.25X22.94 (ADJ)	60124883
HORIZONTAL	51717724	SHELF-16.25X46.00 (ADJ)	60123830
LR	51717725	SHELF-16.25X24.94 (ADJ)	60123828
RR-CRANE COMPT	51717726	SHELF-16.25X21.00 (ADJ)	60124554



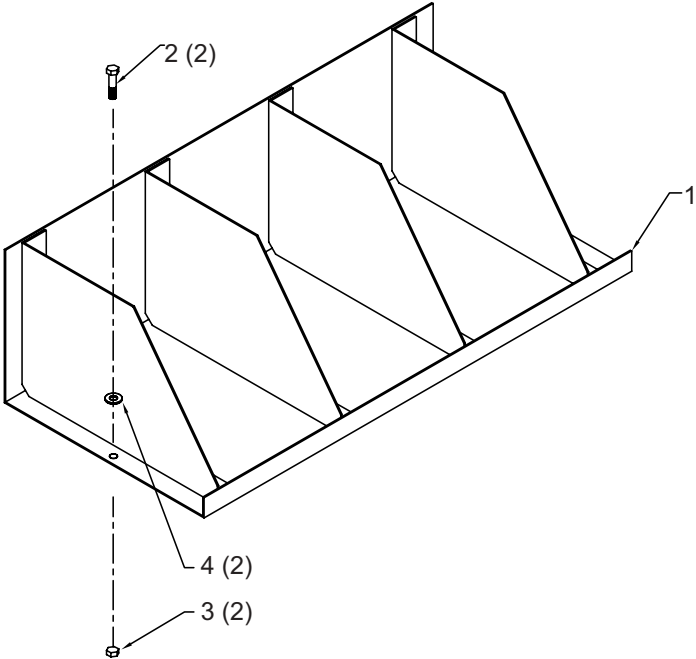
BOOKSHELF ASM - 45L (51710102)

- | | | | |
|----|----------|---------------------------|---|
| 1. | 52710113 | BOOKSHELF, 8H X 45L X 12D | 1 |
| 2. | 72060023 | CAP SCR 5/16-18X3/4 HH | 2 |
| 3. | 72062109 | NUT 5/16-18HEX NYLOC | 2 |
| 4. | 72063002 | WASHER 5/16FLAT | 4 |



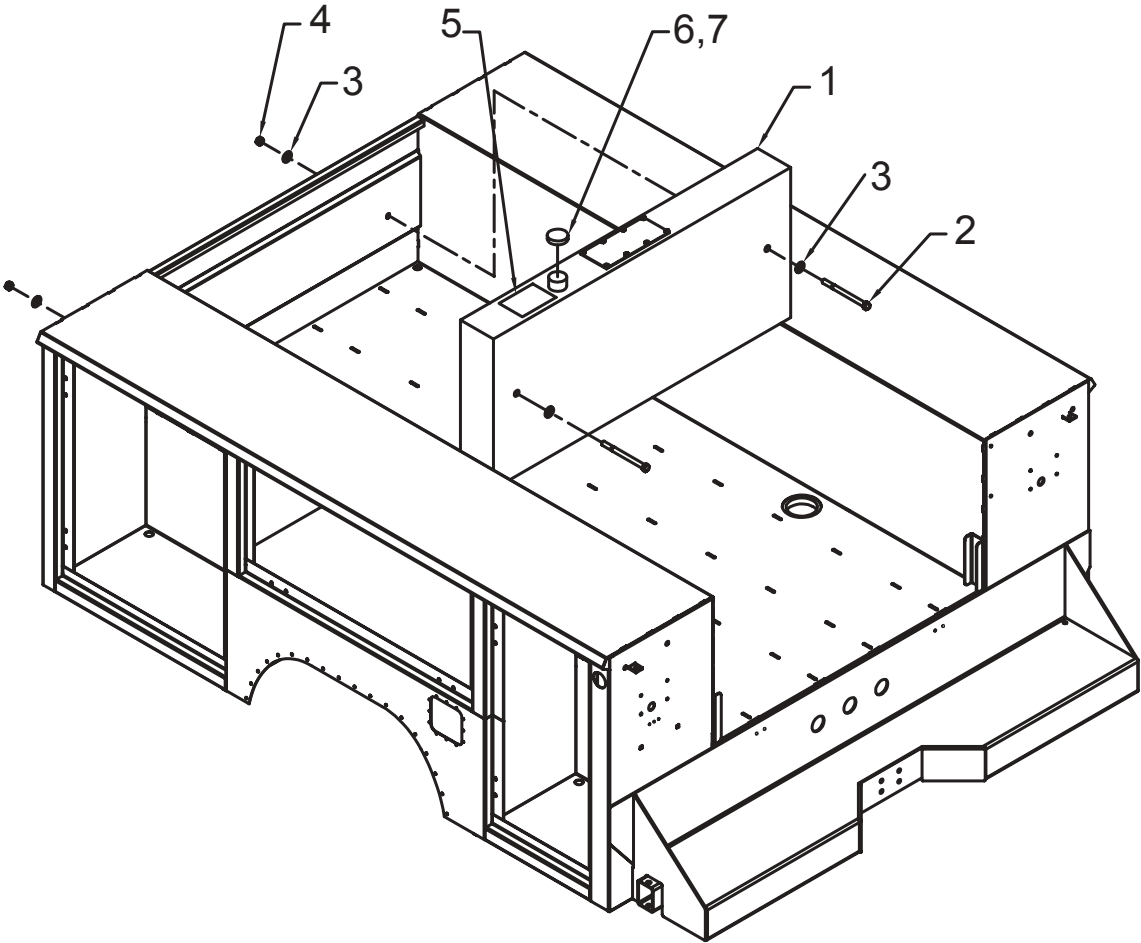
BOOKSHELF ASM - 26L (51707629)

- | | | | |
|----|----------|---------------------------|---|
| 1. | 52704180 | BOOKSHELF, 8H X 26L X 12D | 1 |
| 2. | 72060023 | CAP SCR 5/16-18X3/4 HH | 2 |
| 3. | 72062109 | NUT 5/16-18HEX NYLOC | 2 |
| 4. | 72063002 | WASHER 5/16FLAT | 2 |



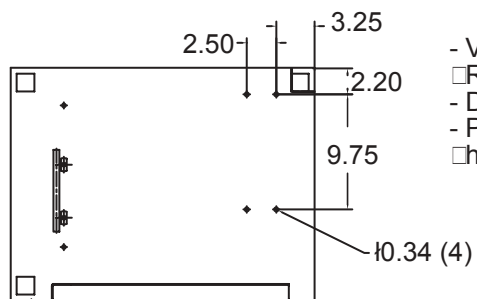
**RESERVOIR ASM (51718039) (DWG.
99903517)**

1.	52711432	HYD RESERVOIR, 18-GAL	1
2.	72060104	CAP SCR 1/2-13X6.5 HHGR5	2
3.	72063005	WASHER 1/2 FLAT	4
4.	72062080	NUT 1/2-13 HEX NYLOC	2
5.	70394189	PLACARD - MOBILOIL	1
6.	70142482	STRAINER - FILL NECK	1
7.	70142483	FILL CAP	1



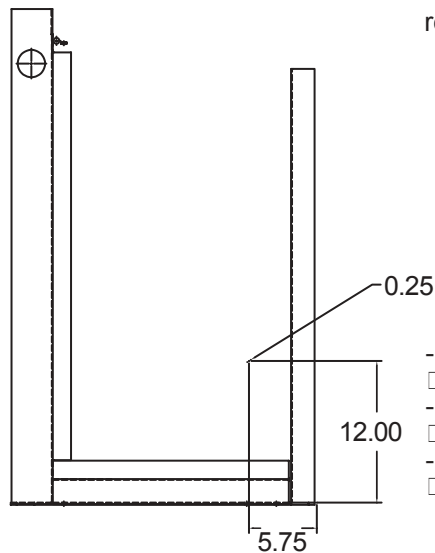
AIR REEL/FRL INSTALLATION (99903560)

1.	70073625	HOSE REEL	1
2.	72532021	QUICK DISCONNECT, 1/4FPT	1
3.	72053590	ELBOW-STREET BRS 3/8X90°	1
4.	72531543	NIPPLE-BARB BRS 3/8MPT 1/2	1
5.	72066000	HOSE CLAMP 1/2-1.25 SAE 12	3
6.	89039176	HOSE-AIR 1/2X250 RED ACALA	4
7.	72661350	CLAMP 3/4 LOOP	1
8.	72060025	CAP SCR 5/16-18X1 HHGR5Z	4
9.	72062109	NUT 5/16-18 HEX NYLOC	4
10.	72063002	WASHER 5/16 FLAT	5
11.	72063001	WASHER 1/4 FLAT	4
12.	72060004	CAP SCR 1/4-20X1 HHGR5Z	4
13.	72062104	NUT 1/4-20 HEX NYLOC ZINC	4
14.	72060833	SCR THRD CUT 5/16-18X3/4 HWH	1
15.	51714805	FLR - 1/2"	1

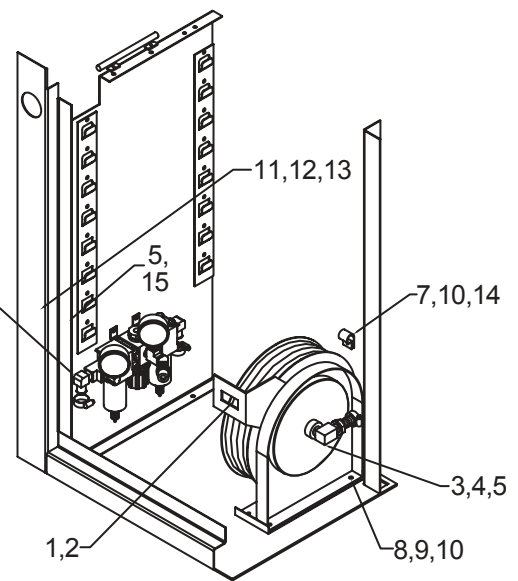


- View of Diamond Series
- RR Crane Compartment
- Detail of Floor
- Pattern to drill (4) Ø0.34
- holes to mount air reel

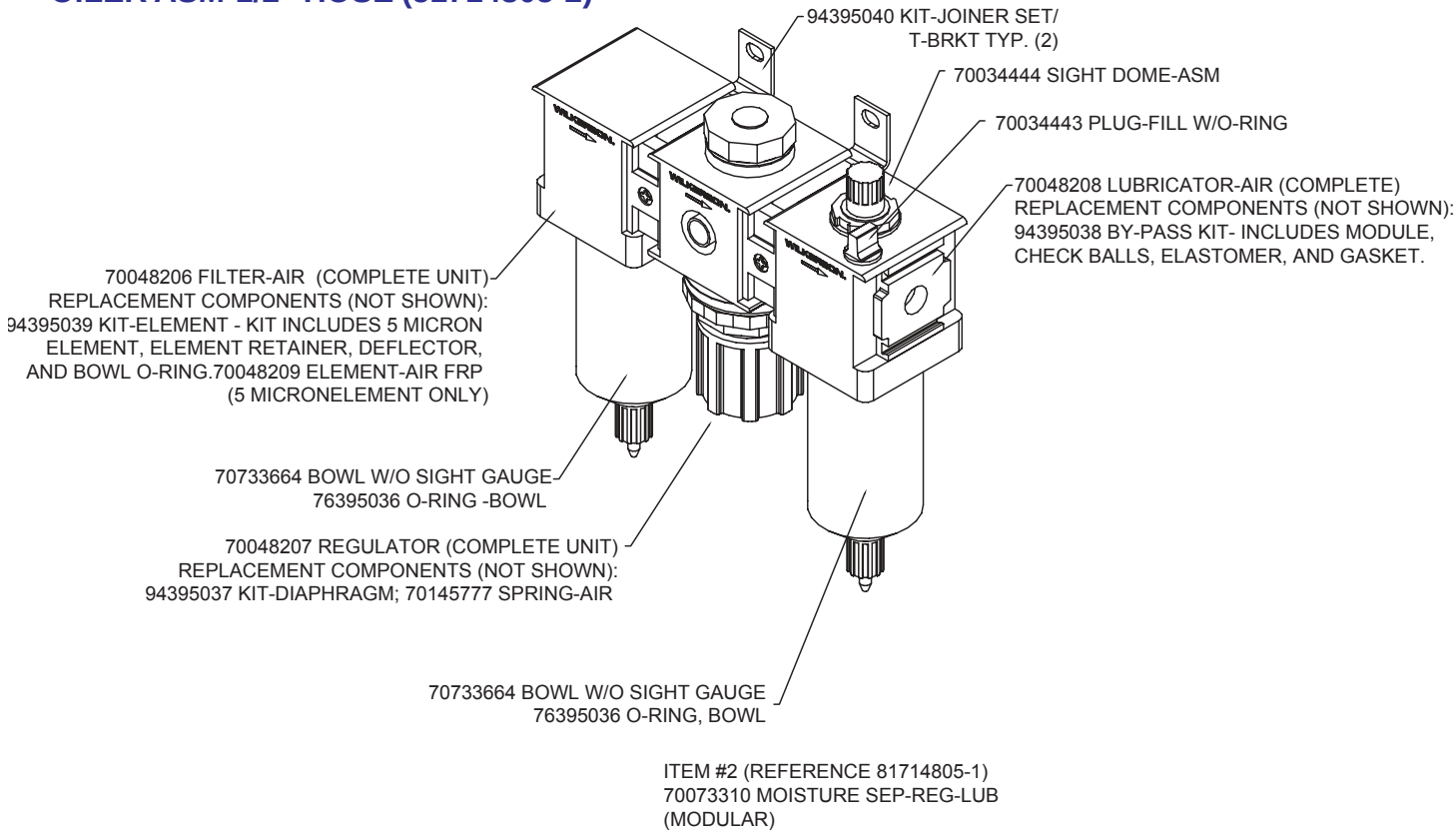
Air from source enters from behind the bolt in dividing wall. FRL will require modifications by rotating both gauges and rotating quick coupler associated with the non-oiled/regulated circuit of the FRL.



- View of Diamond Series
- RR Crane Compartment.
- Detail of back wall looking through door.
- Pattern to drill Ø0.34 hole for hose clamp.

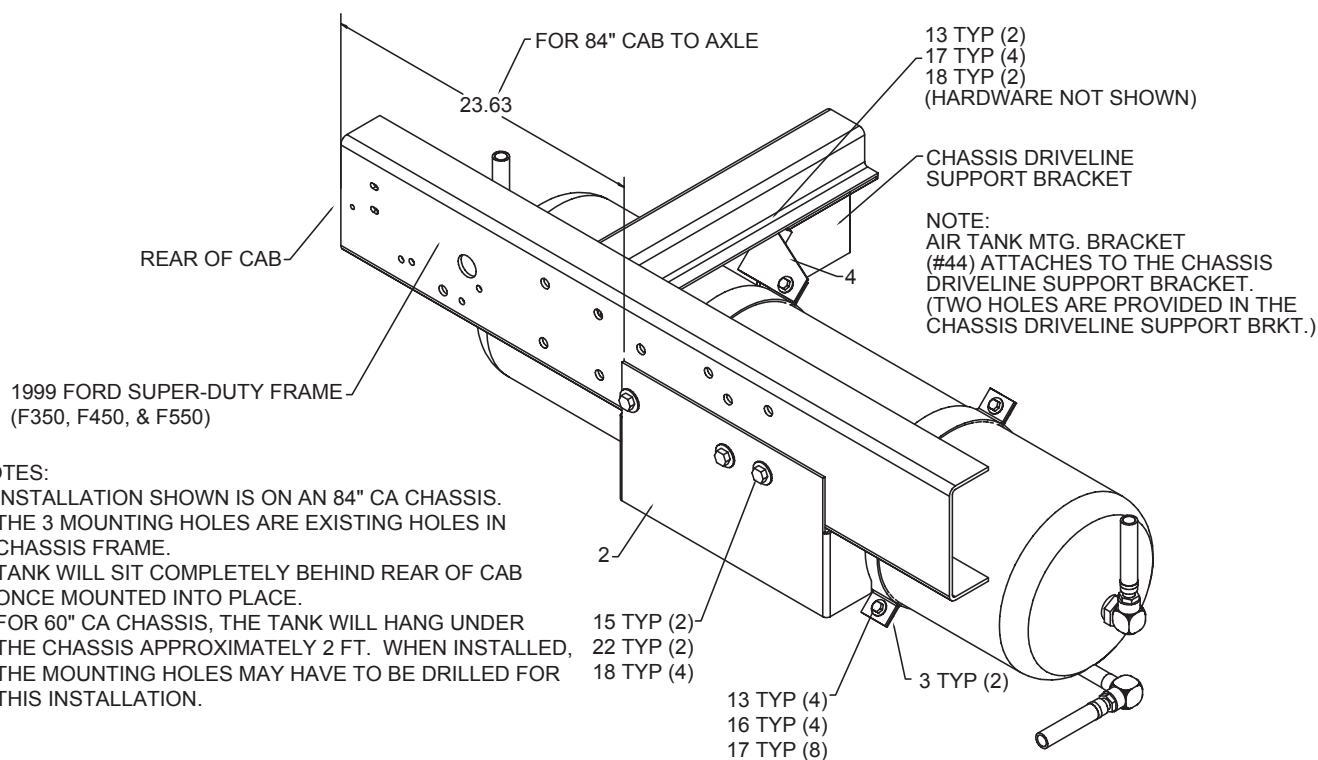
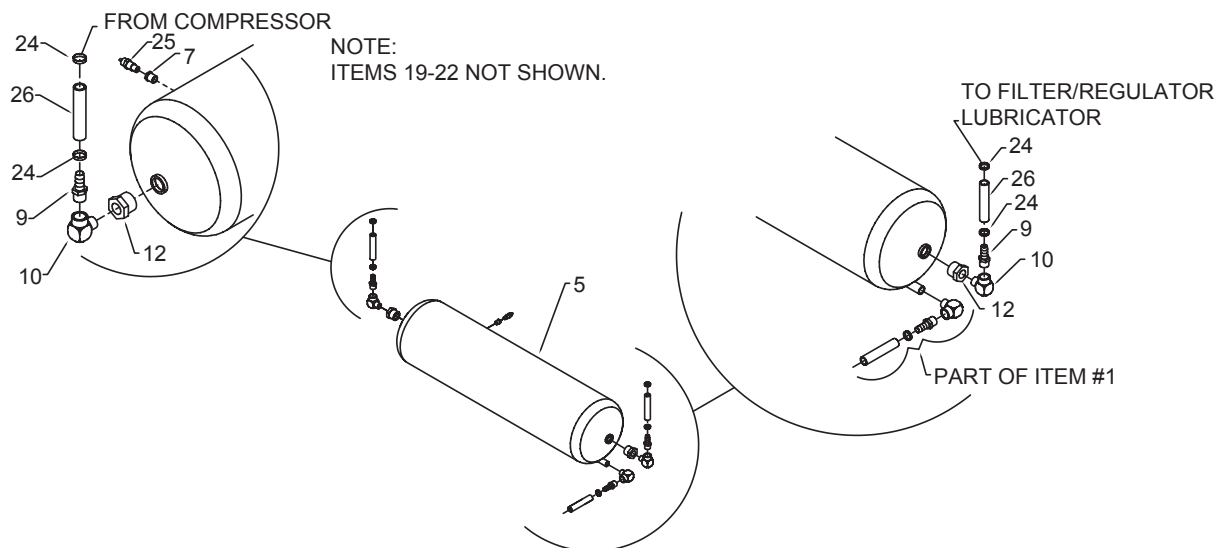


**MOISTURE SEPARATOR/REGULATOR/
OILER ASM-1/2" HOSE (51714805-2)**



AIR TANK KIT (51718306)

1.	51709358	DRAIN ASM (NOT SHOWN)	1	12.	72531836	RED BUSHING, STL 1.25-3/4	2
2.	52718305	BRACKET	1	13.	72060048	CAP SCR 3/8-16X1.50 HHGR5	6REF
3.	60106492	BRACKET	2	15.	72601144	CAP SCR 9/16-12X2 HHGR8	2REF
4.	60123268	BRACKET	1	16.	72062103	NUT 3/8-16 HEX NYLOC ZINC	6REF
5.	70733423	TANK, 22-GAL	1	17.	72063003	WASHER 3/8 FLAT	12REF
6.	71393886	DECAL, DANGER EXPL TANK	1	18.	72063117	WASHER 9/16 FLAT	4REF
7.	72053372	RED BUSHING, BLK 3/8-1/4	1	22.	72062275	NUT 9/16-12 HEX TOP LK GR8Z	2REF
9.	72053458	NIPPLE, BARB BRS 3/4X3/4 MPT	2	24.	72066000	HOSE CLAMP 1/2-1.25 SAE#12	4
10.	72053556	ELBOW, STR STL 3/4X90°	2	25.	73054032	VALVE, SAFETY 1/4 200 PSI	1
11.	51716379	HARDWARE KIT (INCL. 13-22)	1	26.	89392349	HOSE-GP 3/4X300# WP	20'
				27.	72531131	ELBOW, STR STL 1/4X90°	2



IOWA MOLD TOOLING CO., INC.

BOX 189, GARNER, IA 50438-0189

TEL: 641-923-3711

MANUAL PART NUMBER: 99903448