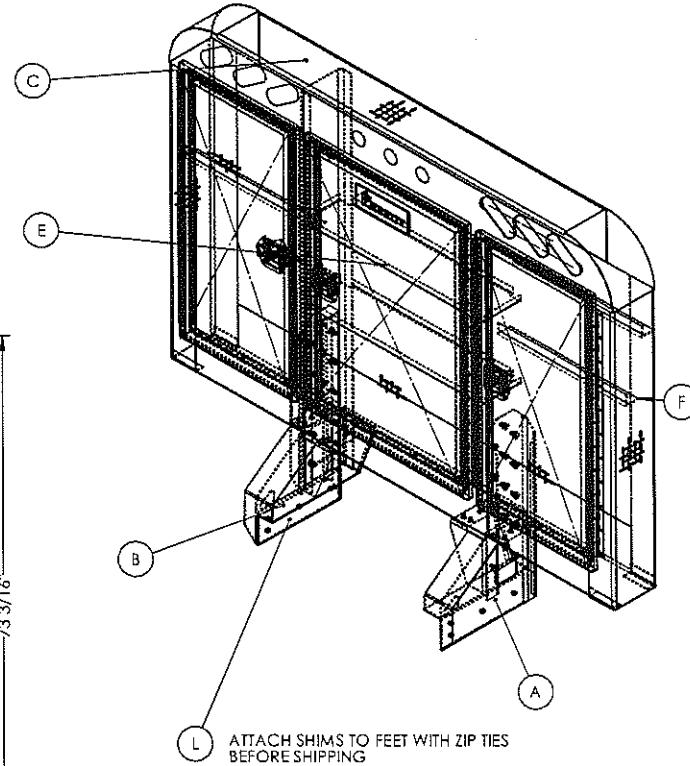
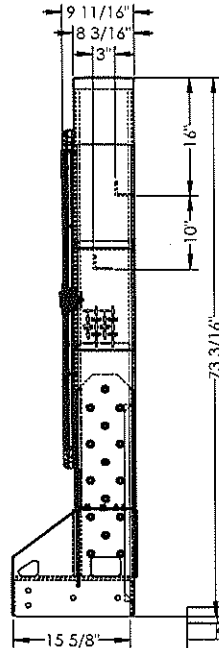
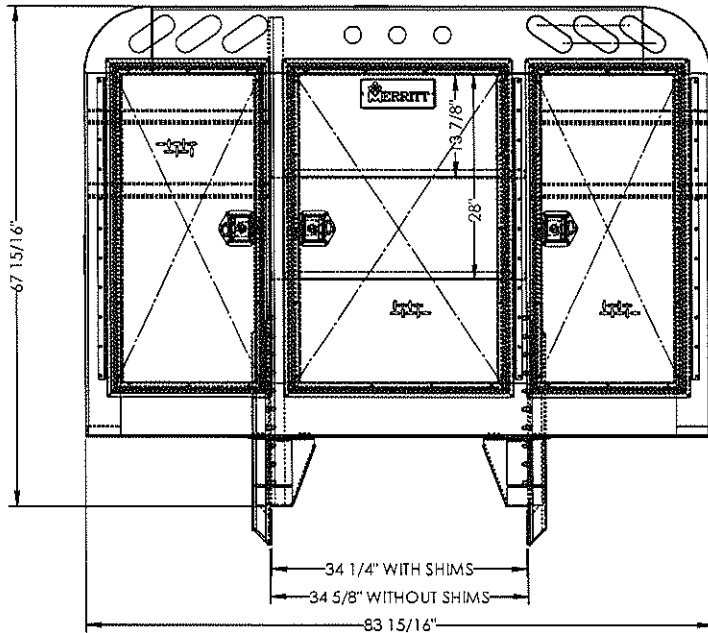
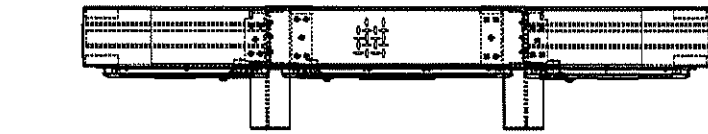




This unit comes standard with a 3 door enclosure, LED lights (as shown), 6' Wiring harness, 2 chain hangers in each outside compartment and 2 shelves in the center compartment. The enclosure is 8" deep / 9" with the door. The unique foot allows you to mount it with a 324 U-bolt kit or it can mount like a Short Foot by bolting through the frame web. It also does not have rear beams, you can mount the unit 5" closer than a normal enclosure unit.



Model# 3700 Northern – Light LSR, 68" X 84", with lights, shelves & chain hangers



ITEM	QTY.	PART NUMBER	DESCRIPTION	MATERIAL/CUT
K	2	87-6002-012	SHIM FOOT	
L	20	11-0365	3/8" BOLT HUCK	
M	20	11-0416	3/8" HUCK COLLAR	
N	20	11-0372	1/4"-10 MGPT PLATED	
O	20	11-0406	1/4" HUCK COLLAR	
P	4	240-55-0388	ANGLE 2X2 5X1/4X24 1/4" 60&116	24 1/4"
Q	2	87-3700-010	SHEET 8" D ENCL	
R	2	87-3700-011	BACK ENCLOSURE	
S	1	86-3700-001	8" DEEP ENCLOSURE	
T	1	86-6002-001	LEG ASSY L/H	
U	1	86-6002-002	LEG ASSY R/H	

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES. TOLERANCES ARE:
 FRACTIONS: ±1/16"
 DECIMAL: 0.XX = ±0.03 0.XXX = ±0.010
 ANGLES: ±1°

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 THE DESIGN, MANUFACTURE, OR THE SALE OF
 ITEMS WITHOUT THE WRITTEN PERMISSION OF
 MERRITT EQUIPMENT COMPANY.

REVISION	LTR	DATE	DESCRIPTION	BY	ECR #	SCALE	NONE	MERRITT EQUIPMENT CO.	
						DWN BY	KULBERG	TITLE LSR, DL 68X84	
						REF #	3700	W/8" 3 DOOR ENCL	
						WEIGHT		DWG	96-3700-001
						DATE	10/20/11	SMT	1 OF 1

Center compartment with 2 shelves



Chain hangers in each side
compartment



Three LED stop/turn lights in each corner.
Three LED marker lights centered.



Three LED Stop/Turn lights in corners.



Three LED Marker lights centered



No rear Beams. You can get the unit closer to the cab than a normal LSR.



Foot assembly with the cut outs for the U-bolts to mount through and also, the pre-drilled mounting holes for side mounting. Your choice!



Inside view of the foot. Please note the design to achieve the strength needed for testing.



Front view of the foot. The foot is made of steel and is Zinc plated for anti-rust and a finished look.

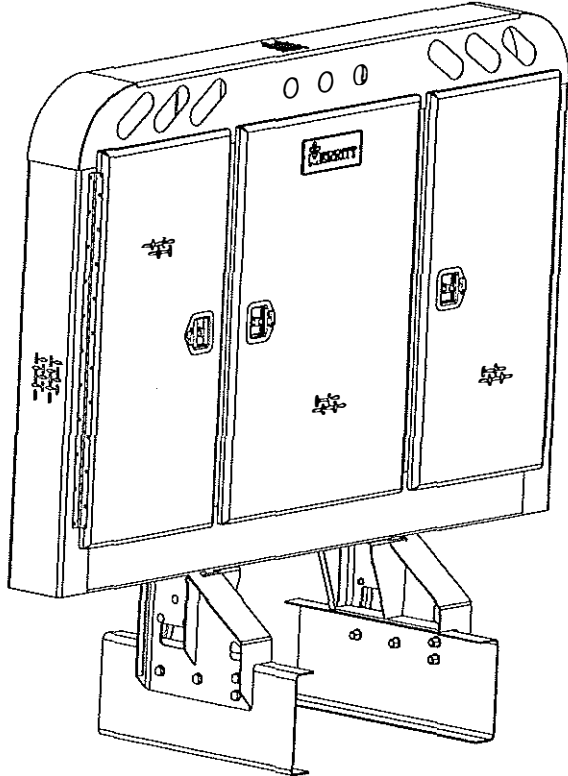


3700 MOUNTING INSTRUCTIONS

**THE MERRITT MODEL 3700 MUST BE INSTALLED
ACCORDING TO THESE INSTRUCTIONS. DO NOT
CUT OR MODIFY UNIT.**

THERE ARE TWO OPTIONS FOR MOUNTING

OPTION 1) KIT #3240 U-BOLT MOUNT (SHOWN ON OTHER SIDE OF PAGE)
OPTION 2) SIDE MOUNT (SHOWN ON THIS SIDE OF PAGE)



**HARDWARE IS NOT INCLUDED FOR THIS
MOUNTING OPTION.**

HARDWARE REQUIRED:

8 PCS. 5/8"-18NF GRADE 8 BOLTS
(LENGTH DETERMINED BY APPLICATION)

8 PCS. 5/8"-18NF GRADE 8 NUTS

16 PCS. 5/8" HARDENED WASHERS

- 1) CHECK DESIRED LOCATION OF LSR ON FRAME AND MAKE SURE THE FRAME IS CLEAR OF OBSTRUCTIONS.
- 2) CHECK CROSS MEMBER LOCATIONS TO DETERMINE IF KIT LOCATION CAN BE ACHIEVED.
- 3) MEASURE WIDTH OF FRAME RAIL AND COMPARE IT TO THE FOOT SPACING OF THE LSR. TWO 3/16" THICK PRE-PUNCHED SPACER PLATES ARE PROVIDED TO TAKE UP ANY EXCESS SPACE BETWEEN THE TRUCK FRAME AND THE LSR FEET. ONE OR BOTH OF THE SPACERS MAY BE NEEDED TO PROVIDE A GOOD FIT.
- 4) MATCH DRILL 5/8" DIAMETER HOLES THROUGH TRUCK FRAME IN 4 PLACES PER FOOT USING THE LSR FOOT SIDE PLATE FOR A TEMPLATE.
- 5) BOLT LSR THROUGH THE HOLES DRILLED USING **5/8"-18NF GRADE 8 NUTS AND BOLTS WITH HARDENED WASHERS** UNDER HEAD OF BOLT & UNDER NUT.
- 6) TORQUE NUTS TO 240 FT. LBS. DRY.
MAINTAIN PROPER TORQUE ON BOLTS. CHECK EVERY 90 DAYS OR LESS.

RELOCATION OF TRACTOR/TRAILER COMPONENTS ARE THE SOLE RESPONSIBILITY OF THE INSTALLER. QUESTIONS REGARDING ANY ALTERATIONS SHOULD BE DIRECTED TO THE TRACTOR/TRAILER MANUFACTURER.

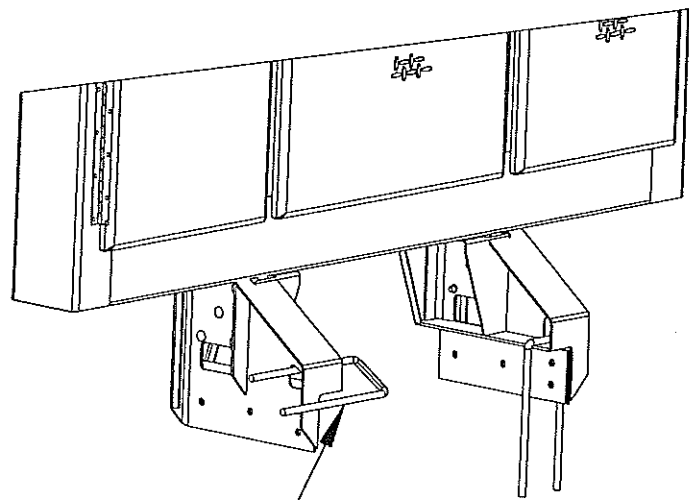
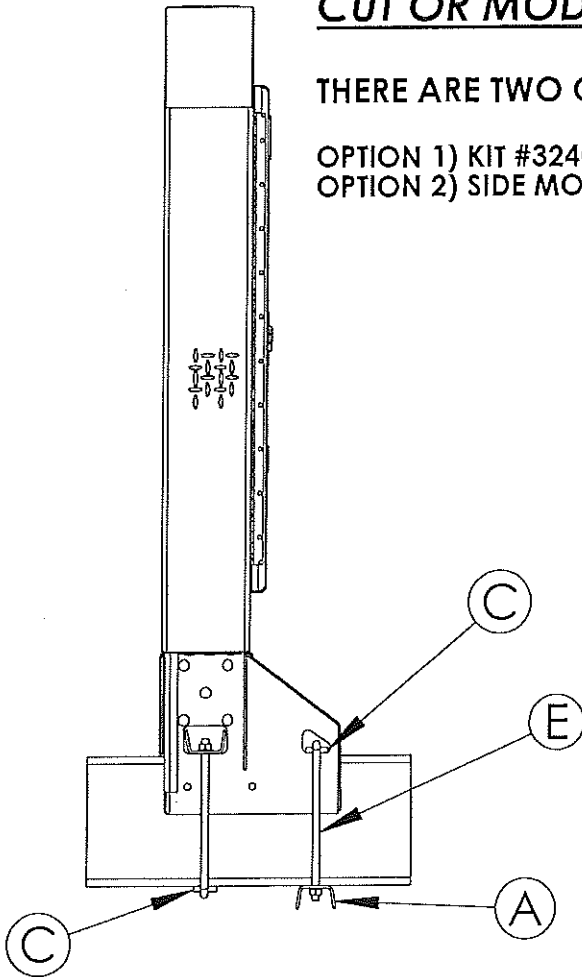
REVISION	DATE	DESCRIPTION	BY	SCALE:	MERRITT EQUIPMENT CO. TITLE NORTHERN LITE SIDE MOUNT INSTRUCTIONS DWG LRSRD 0120
				DWN BY: TPK	
				REF #	
				WEIGHT	
				DATE 3/14/12	

3700 MOUNTING INSTRUCTIONS

THE MERRITT MODEL 3700 MUST BE INSTALLED ACCORDING TO THESE INSTRUCTIONS. DO NOT CUT OR MODIFY UNIT.

THERE ARE TWO OPTIONS FOR MOUNTING

OPTION 1) KIT #3240 U-BOLT MOUNT (SHOWN ON THIS SIDE)
OPTION 2) SIDE MOUNT (SHOWN ON OTHER SIDE OF PAGE)



U-BOLT MUST BE INSERTED FROM THE INSIDE.

- 1) CHECK DESIRED LOCATION OF LSR ON FRAME AND MAKE SURE THE FRAME IS CLEAR OF OBSTRUCTIONS.
- 2) CHECK CROSS MEMBER LOCATIONS TO DETERMINE IF KIT LOCATION CAN BE ACHIEVED.
- 3) MEASURE WIDTH OF FRAME RAIL AND COMPARE IT TO THE FOOT SPACING OF THE LSR. TWO 3/16" THICK PRE-PUNCHED SPACER PLATES ARE PROVIDED TO TAKE UP ANY EXCESS SPACE BETWEEN THE TRUCK FRAME AND THE LSR FEET. ONE OR BOTH OF THE SPACERS MAY BE NEEDED TO PROVIDE A GOOD FIT.
- 4) INSERT FRONT U-BOLTS INTO TRIANGLE SHAPED HOLE IN LSR FOOT.
FRONT U-BOLT MUST BE INSTALLED BEFORE LSR IS SET ON TRUCK FRAME.
LSR MUST BE SUSPENDED WHILE INSERTING THE FRONT BOLTS.
- 5) SET LSR ON TRUCK FRAME IN THE DESIRED LOCATION INSTALLING THE RED RUBBER PADS BETWEEN THE FRAME AND THE LSR FOOT.
- 6) PLACE STEEL PAD ON LSR FOOT PLATE UNDER THE FRONT U-BOLT.
- 7) PLACE THE MOON BRACKET ON THE FRONT U-BOLT FOLLOWED BY THE WASHERS AND NUTS.
- 8) INSTALL THE REAR U-BOLT FROM THE BOTTOM UP, WITH THE MOON BRACKET ON THE LSR FOOT PLATE AND THE STEEL PAD BETWEEN THE U-BOLT AND THE TRUCK FRAME.
- 8) INSTALL THE WASHERS AND NUTS ON REAR U-BOLT.
- 9) REPEAT FOR OTHER FOOT.
- 10) TORQUE NUTS TO 150 FT. LBS. DRY.
- 11) MAINTAIN PROPER TORQUE ON BOLTS. CHECK EVERY 90 DAYS OR LESS.

E	4	11-0128	BOLT, SQUARE-J - 1/4" ZINC	
D	1	11-1500	KIT, NUT & WASHER - 5/8" LSR	
C	4	32-2000	BAR, ZINC - 1/2" X 2" X 3-1/2"	
B	2	79-5515	PAD, RED RUBBER - LSR - 3" X 30"	NOT SHOWN
A	4	87-2553-002	BRACKET, TIE DOWN - MOON	

RELOCATION OF TRACTOR/TRAILER COMPONENTS ARE THE SOLE RESPONSIBILITY OF THE INSTALLER. QUESTIONS REGARDING ANY ALTERATIONS SHOULD BE DIRECTED TO THE TRACTOR/TRAILER MANUFACTURER.

REVISION	DATE	DESCRIPTION	BY	SCALE:	MERRITT EQUIPMENT CO
				DWN BY: TPK	
				REF #	DWG LSRSD 0120
				WEIGHT	
				DATE 3/14/12	REV