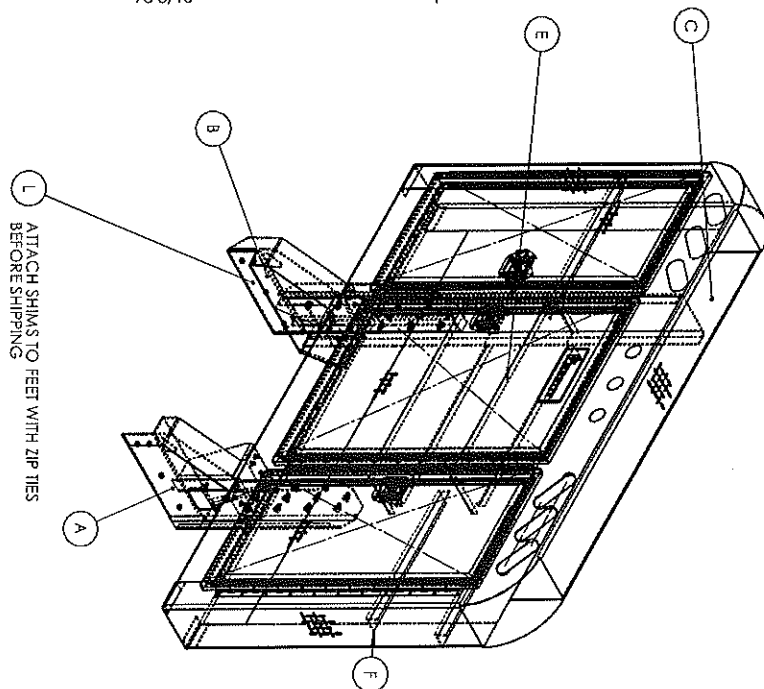
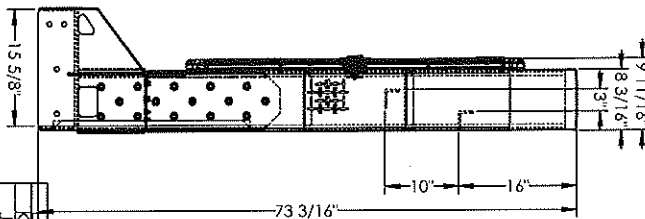
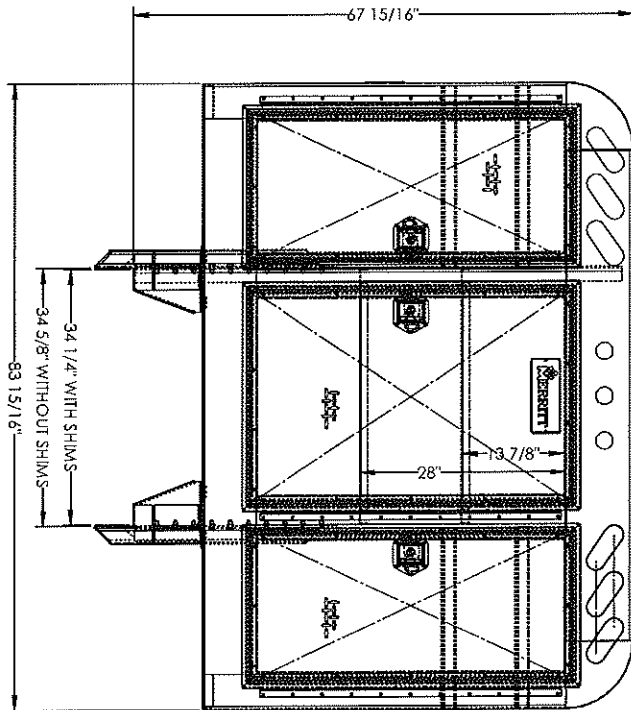



This unit comes standard with a 3 door enclosure, LED lights (as shown), 6' Wiring harness, 2 chain hangers in each outside compartment and 2 shelves in the center compartment. The enclosure is 8" deep / 9" with the door. The unique foot allows you to mount it with a 324 U-bolt kit or it can mount like 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



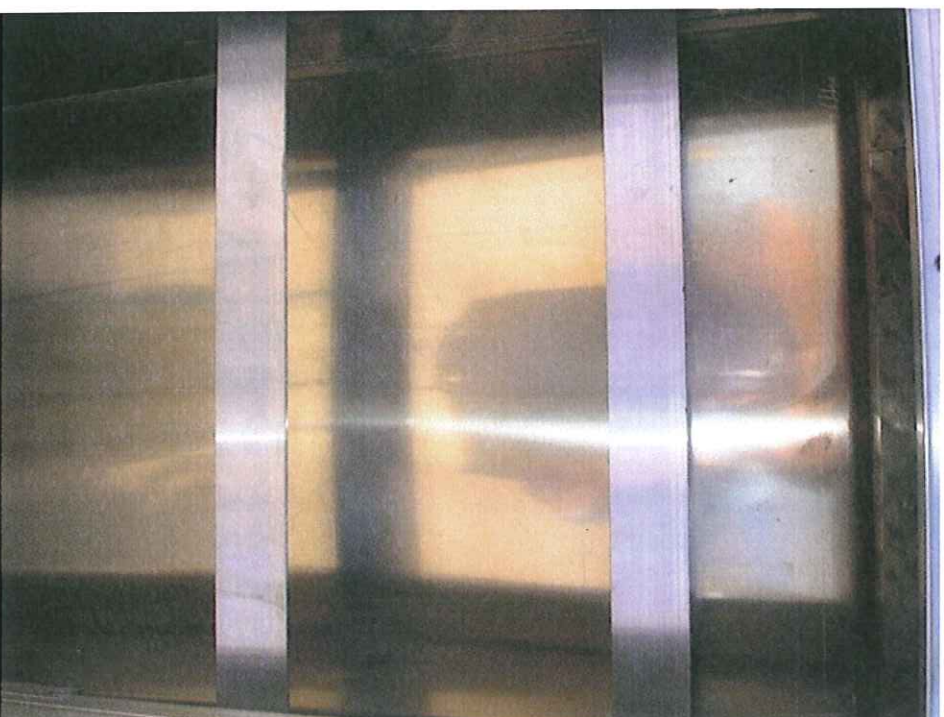
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: DECIMALS 0.005 X 0.003 0.000 X 0.001 ANGLES: 1°																																																																																									
THE DRAWING AND HEREIN SPECIFICATIONS ARE THE PROPERTY OF MERITT EQUIPMENT CO. AND SHALL NOT BE REPRODUCED, COPIED OR USED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF MERITT EQUIPMENT COMPANY.																																																																																									
<table><tr><th colspan="6">REVISION</th><th colspan="4">DESCRIPTION</th></tr><tr><th>ITEM</th><th>QTY.</th><th>PART NUMBER</th><th>BY</th><th>ECR #</th><th>SCALE</th><th>NONE</th><th colspan="3">MATERIAL/CUT</th></tr><tr><td>LTR</td><td>DATE</td><td>DESCRIPTION</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>DWN BY KUBERG</td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>REF # 3700</td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>WEIGHT</td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>DATE 10/29/11</td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td>DWG 96-3700-001</td><td></td><td></td><td></td><td></td></tr></table>										REVISION						DESCRIPTION				ITEM	QTY.	PART NUMBER	BY	ECR #	SCALE	NONE	MATERIAL/CUT			LTR	DATE	DESCRIPTION													DWN BY KUBERG										REF # 3700										WEIGHT										DATE 10/29/11										DWG 96-3700-001				
REVISION						DESCRIPTION																																																																																			
ITEM	QTY.	PART NUMBER	BY	ECR #	SCALE	NONE	MATERIAL/CUT																																																																																		
LTR	DATE	DESCRIPTION																																																																																							
					DWN BY KUBERG																																																																																				
					REF # 3700																																																																																				
					WEIGHT																																																																																				
					DATE 10/29/11																																																																																				
					DWG 96-3700-001																																																																																				
<div><div><div><div>MERITT EQUIPMENT CO.</div><div>7333 BRANCHTON RD. HENDERSON COLORADO 80440</div><div>7333 BRANCHTON RD. HENDERSON COLORADO 80440</div><div>7333 BRANCHTON RD. HENDERSON COLORADO 80440</div></div></div><div><div>7333 BRANCHTON RD. HENDERSON COLORADO 80440</div><div>7333 BRANCHTON RD. HENDERSON COLORADO 80440</div><div>7333 BRANCHTON RD. HENDERSON COLORADO 80440</div><div>7333 BRANCHTON RD. HENDERSON COLORADO 80440</div></div></div> <div><div>LTR: 68X84</div><div>W/8" 3 DOOR ENCL</div></div>																																																																																									

Center compartment with 2 shelves





# Chain hangers in each side compartment

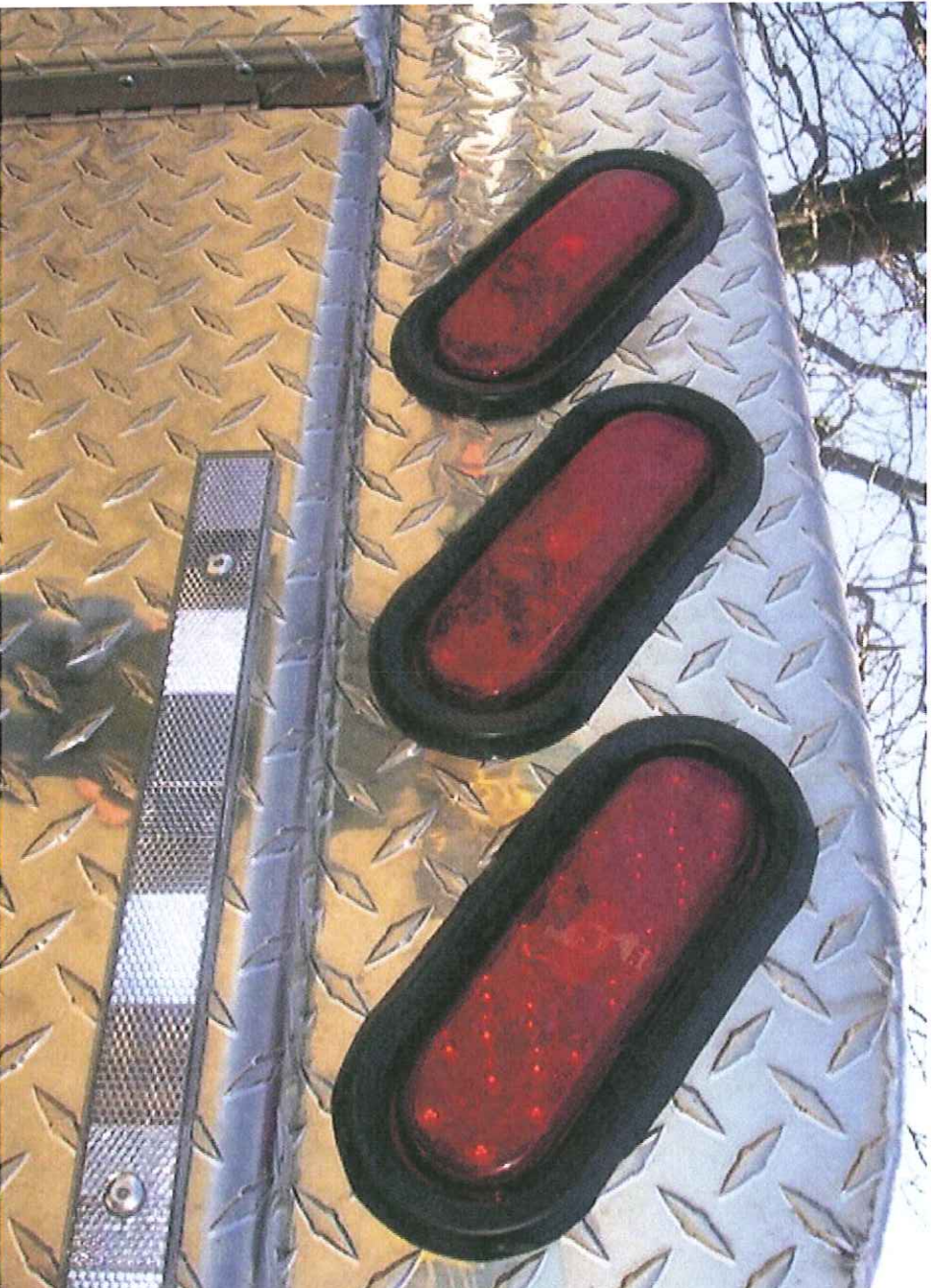


Three LED stop/turn lights in each corner.  
Three LED marker lights centered.





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.



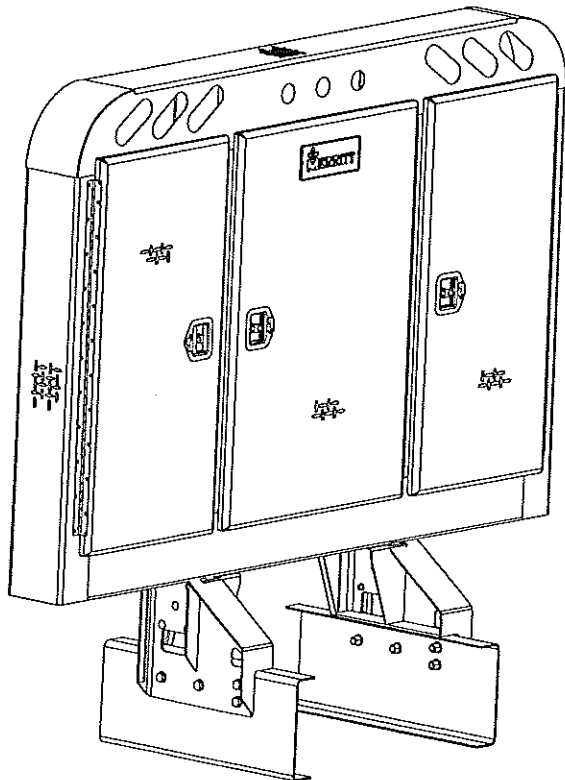


# 3700 MOUNTING INSTRUCTIONS

**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.

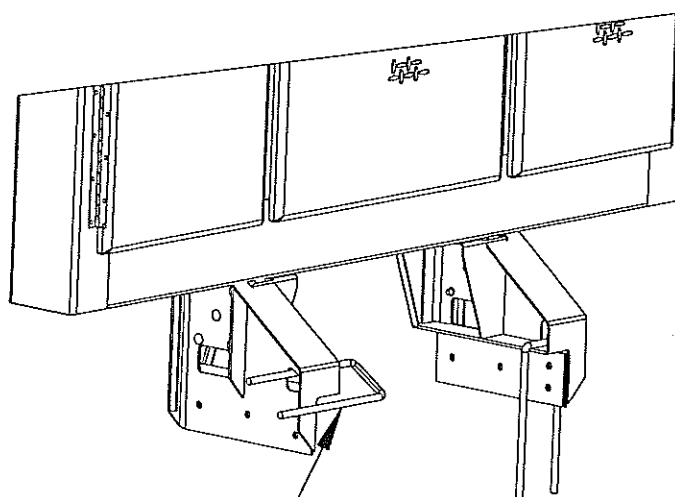
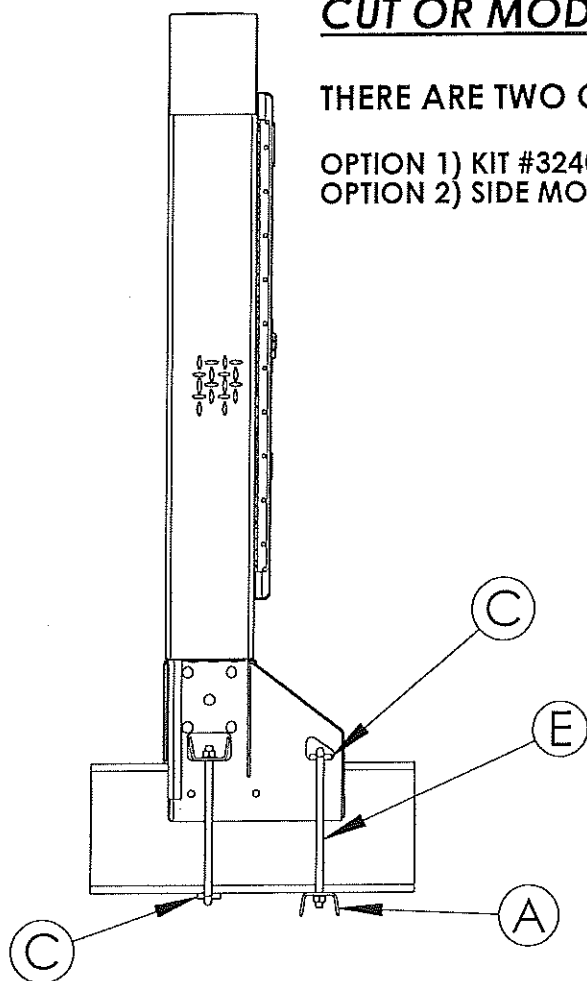
REVISION	LTR	DATE	DESCRIPTION	BY	SCALE:	 <b>MERRITT EQUIPMENT CO.</b> <small>9329 BRIGHTON RD. HENDERSON, COLORADO 80440 1 (800) 525-0167</small>
					DWN BY: TPK	
					REF #	
					WEIGHT	
					DATE 3/14/12	
					DWG LSRSD 0120	REV

# 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.
- 9) 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-U - 1/4" ZINC	
D	1	11-1500	KIT, NUT & WASHER - 5/8" LSR	
C	4	32-3000	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	LTR	DATE	DESCRIPTION	BY	SCALE	
					DWN BY: TPK	
					REF #	
					WEIGHT	
					DATE 3/14/12	

<b>MERRITT EQUIPMENT CO.</b> 9339 BRIGHTON RD. HENDERSON, COLORADO 80642 1 (800) 525-0107	
TITLE <b>NORTHERN LITE (KIT # 3240)</b> <b>U-BOLT INSTALLATION</b>	
DWG <b>LSRSD 0120</b>	REV