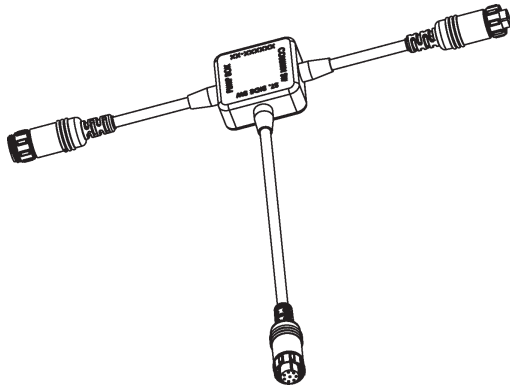
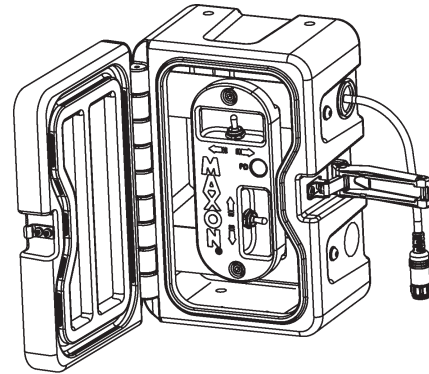
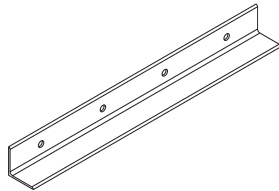


**INSTRUCTION, BMR STREET-SIDE CONTROL****GRAVITY DOWN CONTROL KIT, P/N 297080-01****POWER DOWN CONTROL KIT, P/N 297080-02**

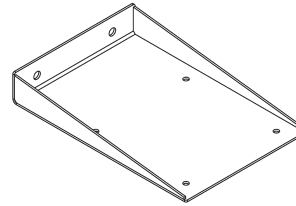
**ELECTRICAL CONTROL TEE**  
P/N 296899-01  
QTY. 1



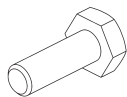
**PLASTIC ENCLOSURE WITH  
GRAVITY DOWN CONTROL (-01 KIT) OR  
POWER DOWN CONTROL (-02 KIT)**  
QTY. 1



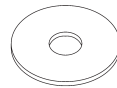
**ANGLE, 2" X 2" X 1/8" X 20" LG**  
P/N 263299  
QTY. 1



**ANGLE PLATE**  
P/N 263264-01  
QTY. 1



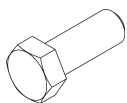
**CAP SCREW**  
1/4"-20 X 1" LG, GRADE 8  
P/N 900004-3  
QTY. 4



**WASHER, 1/4"**  
P/N 903438-01  
QTY. 8



**LOCK NUT, 1/4"-20**  
P/N 901000  
QTY. 8



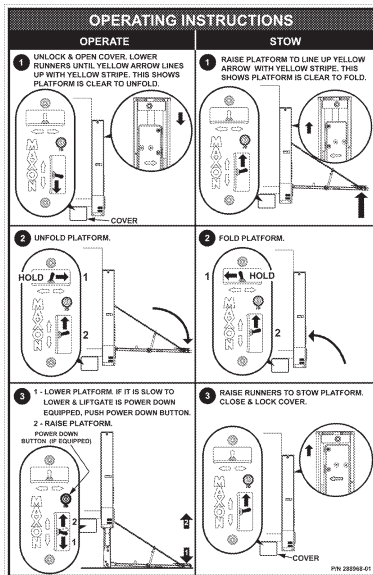
**HEX CAP SCREW**  
3/8"-16 X 1" LG, GRADE 8  
P/N 900014-4  
QTY. 2



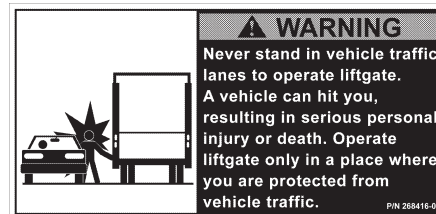
**FLAT WASHER, 3/8"**  
P/N 902001-2  
QTY. 4



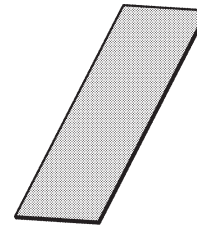
**LOCK NUT, 3/8"-16**  
P/N 901002  
QTY. 2



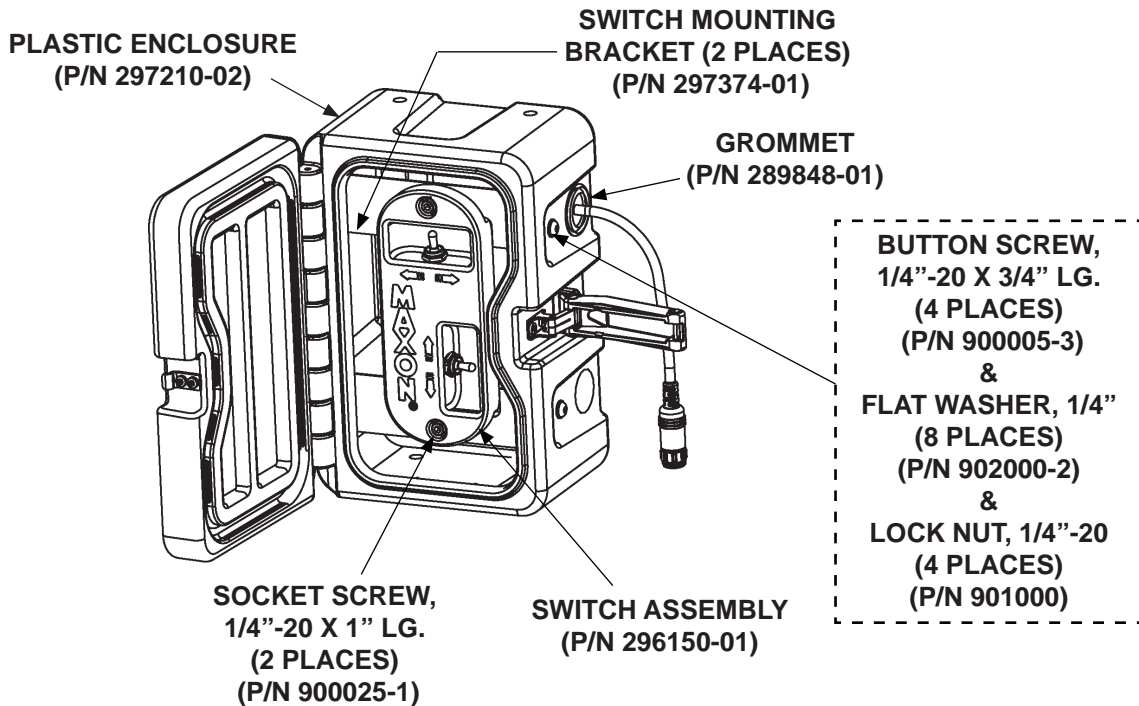
**OPERATING INSTRUCTIONS DECAL**  
P/N 288968-01  
QTY. 1



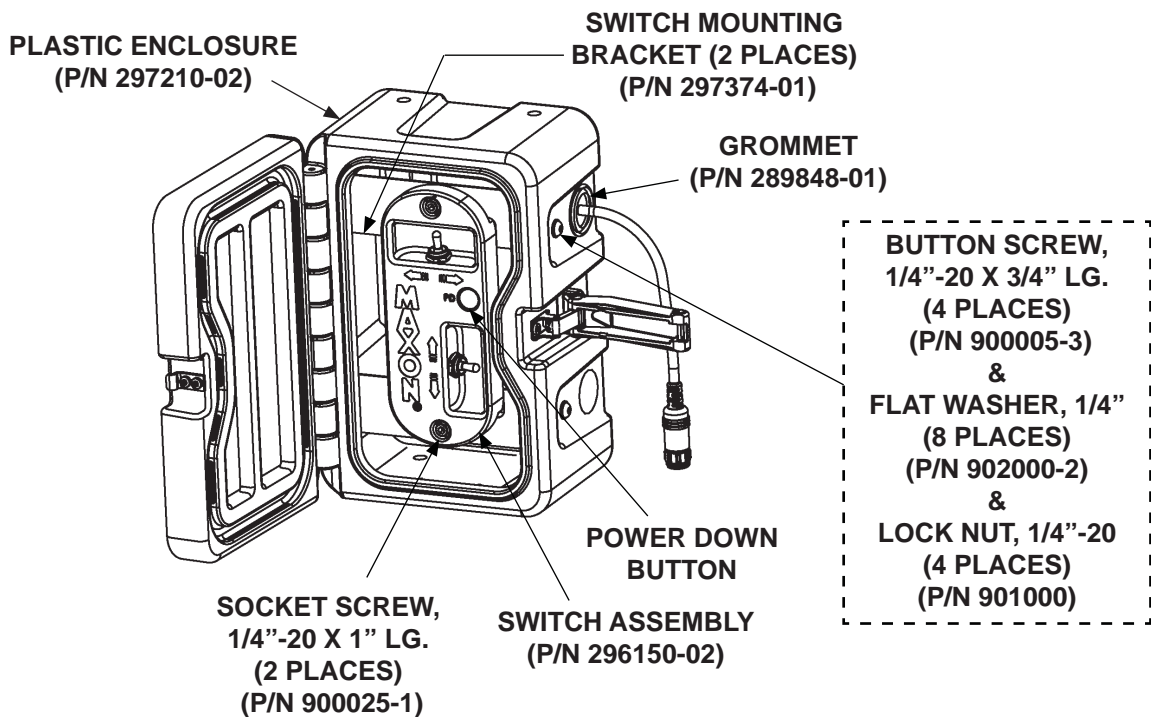
**WARNING DECAL**  
P/N 268416-01  
QTY. 1



**YELLOW REFLECTIVE TAPE**  
3" X 1" LG  
P/N 090175-14  
QTY. 1



**ENCLOSURE ASSEMBLY WITH GRAVITY DOWN CONTROL (-01 KIT)**



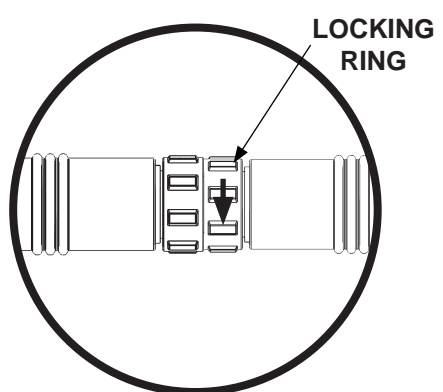
**ENCLOSURE ASSEMBLY WITH POWER DOWN CONTROL (-02 KIT)**

## WIRING HARNESS LOCKING RING CONNECTORS

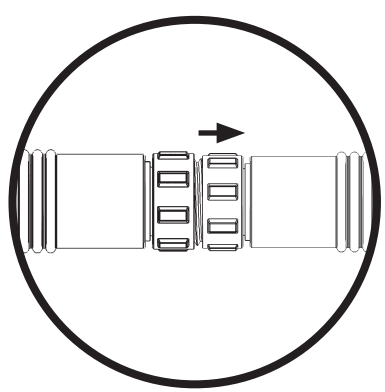
### CAUTION

Before connecting, ensure connectors are clean inside. Ensure there is a thin coating of dielectric grease on face of receptacle, and there is no dielectric grease on connector contacts.

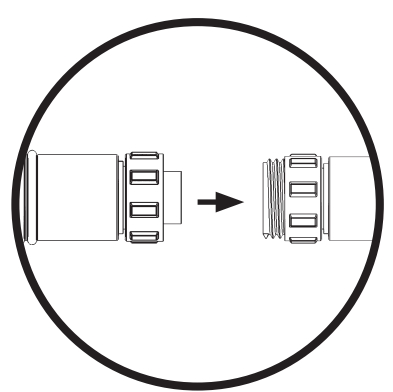
Refer to illustrations below for disconnecting, checking for dielectric grease, and reconnecting locking ring style connectors.



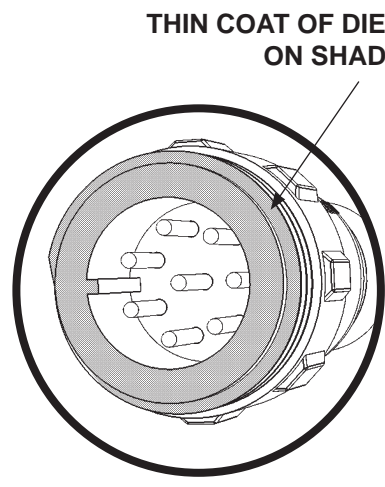
**TURN LOCKING RING TO UNLOCK**  
FIG. 4-1



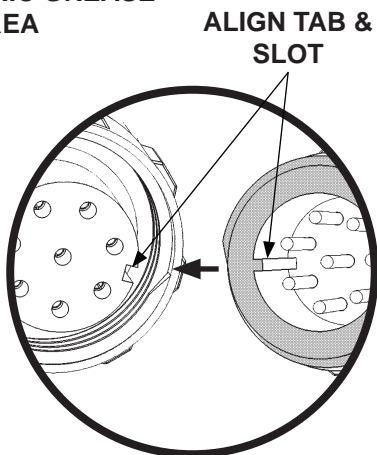
**PULL LOCKING RING TO DISENGAGE**  
FIG. 4-2



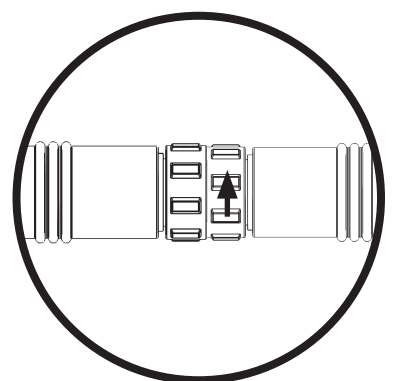
**PULL CONNECTOR TO DISCONNECT**  
FIG. 4-3



**DIELECTRIC GREASE ON RECEPTACLE**  
FIG. 4-4



**ALIGN & CONNECT**  
FIG. 4-5

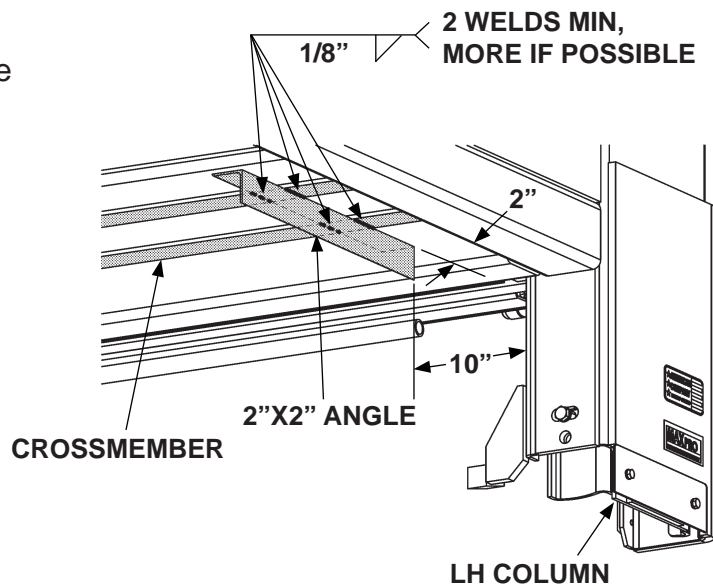


**TIGHTEN TO LOCK**  
FIG. 4-6

**! WARNING**

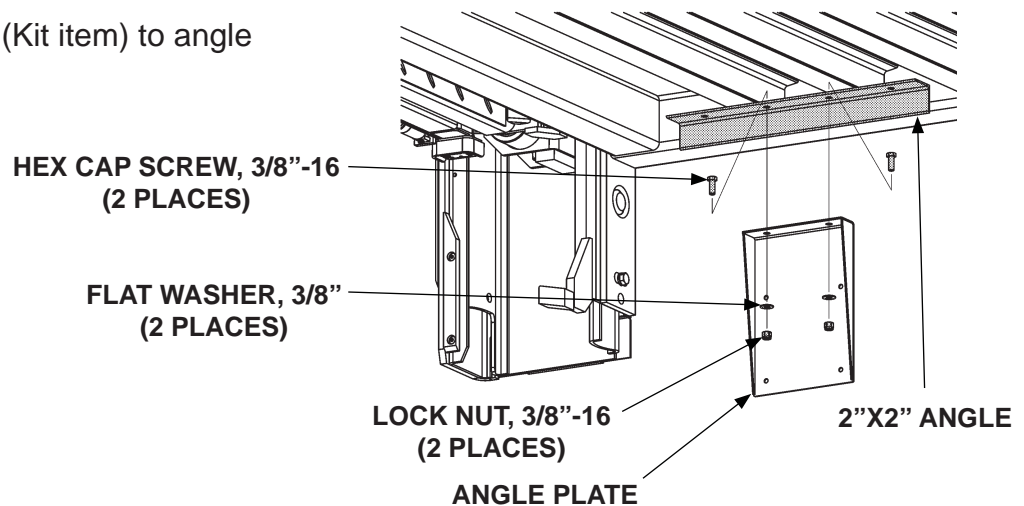
Recommended practices for welding on steel parts are contained in the current AWS (American Welding Society) D1.1 Structural Welding Code - Steel. Damage to Liftgate and/or vehicle, and personal injury can result from welds that are done incorrectly.

1. Measure and mark 10" from the LH column and 2" in from the edge of the vehicle. Then, position the angle (Kit item) on crossmembers of vehicle body (FIG. 5-1).



**STREET-SIDE VIEW OF VEHICLE BODY & LH COLUMN**  
**FIG. 5-1**

2. Weld the angle to the truck/trailer crossmembers (FIG. 5-1).
3. Bolt the angle plate (Kit item) to angle (FIG. 5-2).

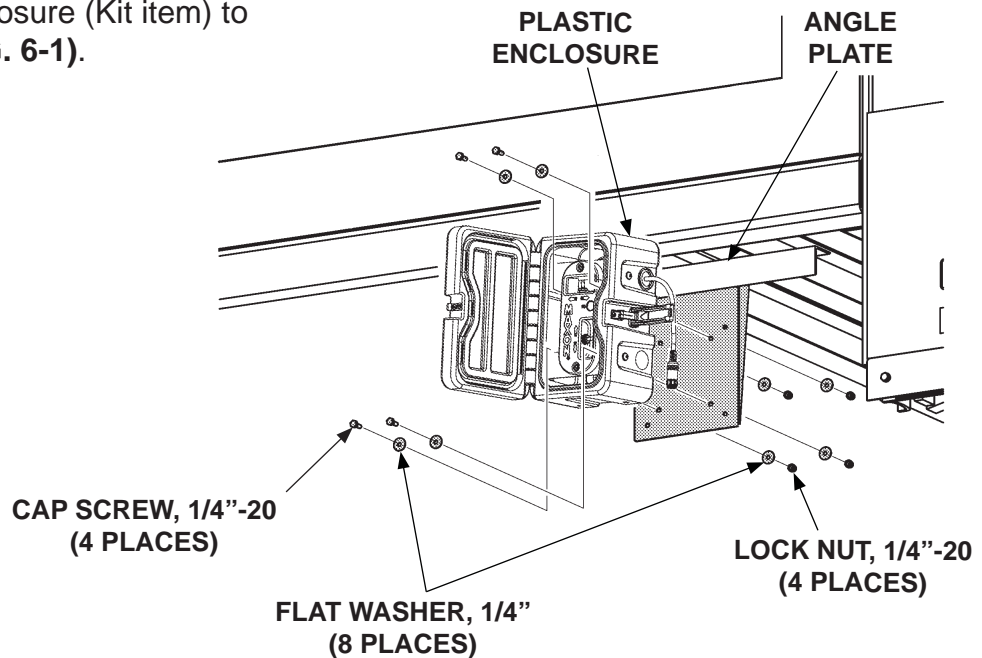


**BOLTING ANGLE PLATE TO ANGLE (LH COLUMN SHOWN)**  
**FIG. 5-2**

## CAUTION

Allow welds to cool before attaching plastic enclosure.

4. Bolt the plastic enclosure (Kit item) to the angle plate (**FIG. 6-1**).



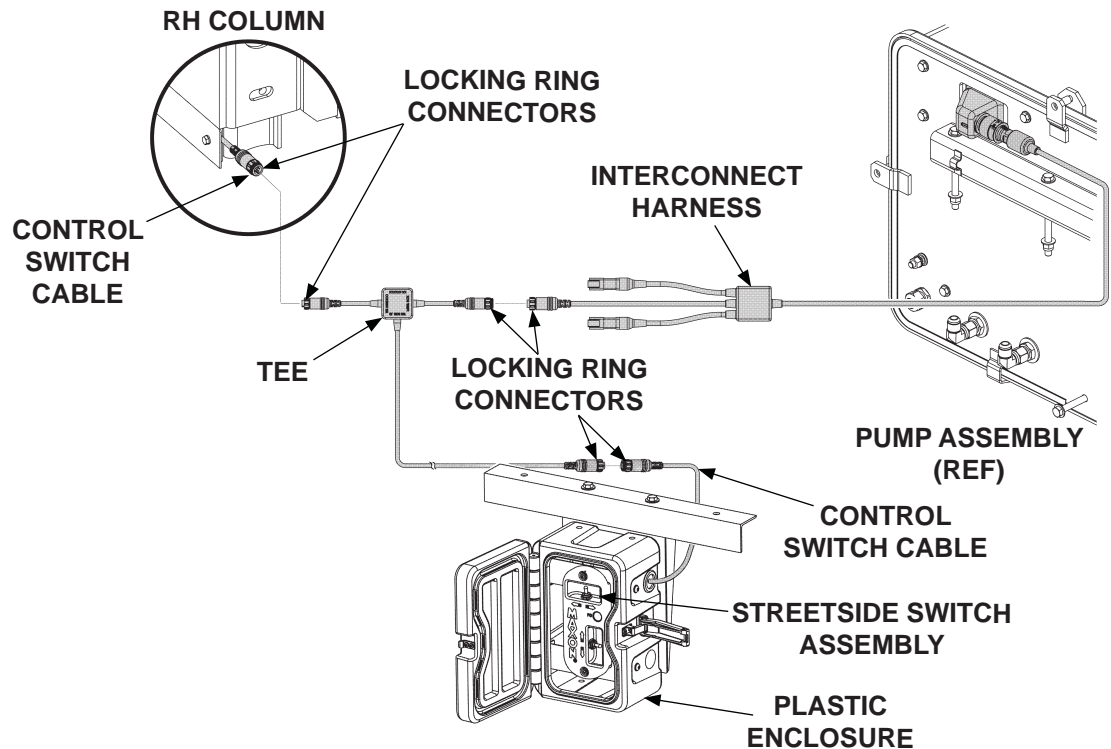
**BOLTING ENCLOSURE TO ANGLE PLATE**  
**FIG. 6-1**



To prevent accidental personal injury and equipment damage, make sure power is disconnected from Liftgate while installing parts.

5. Turn **OFF** the master disconnect switch at the pump box to disconnect battery power from the hydraulic pumps. Refer to **BMR Operation Manual** for detailed instructions.

6. Route the tee (Kit item) to the RH column (**FIG. 7-1**).



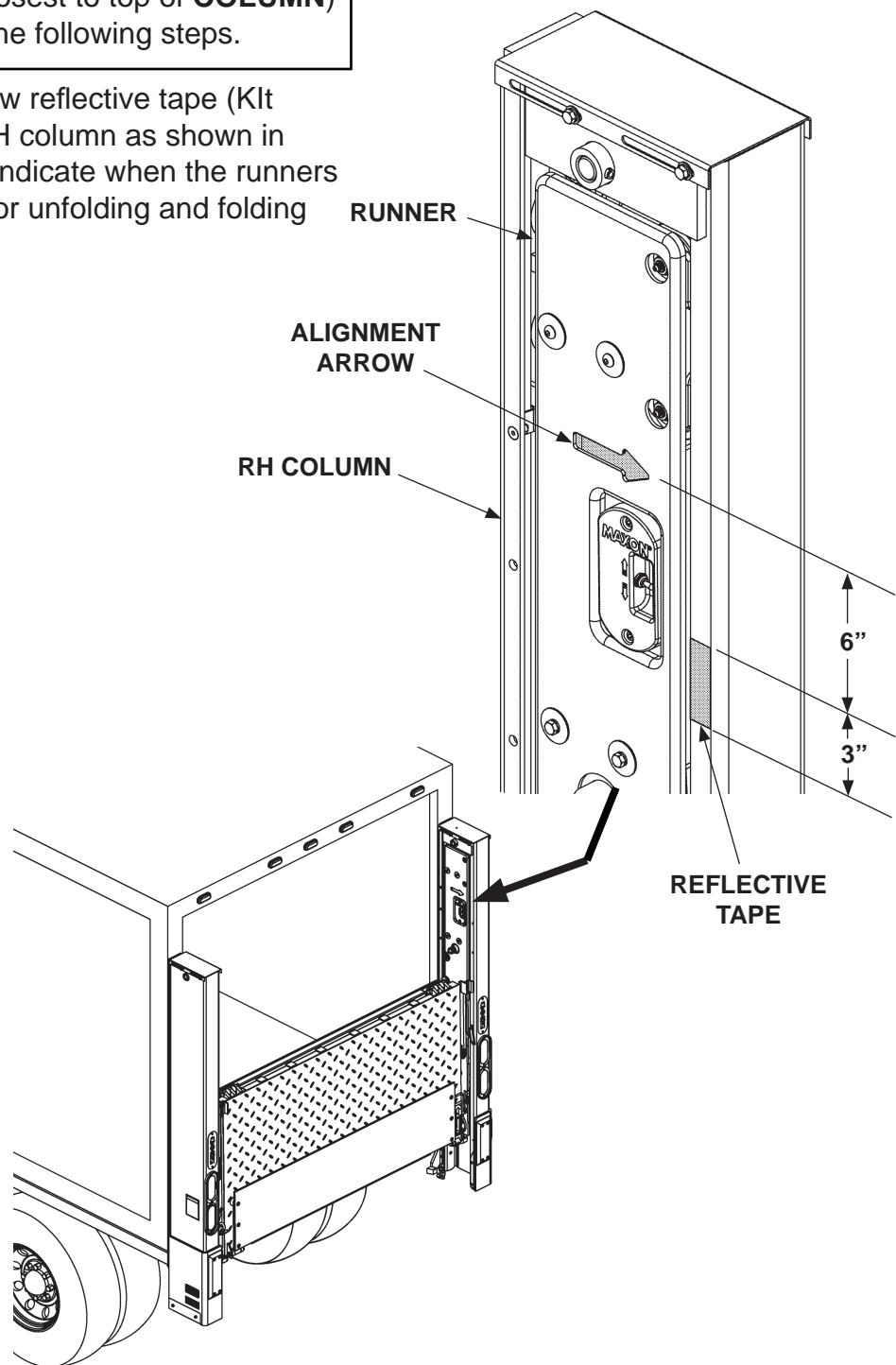
**CONNECTING CABLES TO CONTROL TEE**  
**FIG. 7-1**

**NOTE:** Refer to Sheet 4 for important information about locking ring electrical connectors.

7. Disconnect interconnect harness from control switch cable on the RH column (**FIG. 7-1**). Then, connect tee to control switch cable in the RH column and interconnect harness (**FIG. 7-1**).
8. Connect tee to the control switch cable connector extending from plastic enclosure (**FIG. 7-1**).
9. Reconnect battery power to the hydraulic pumps by turning **ON** the master disconnect switch at the pump box. Refer to **BMR Operation Manual** for detailed instructions.

**NOTE:** Make sure **RUNNERS** are raised all the way up (closest to top of **COLUMN**) before doing the following steps.

10. Peel backing from yellow reflective tape (Klt item) and place it on RH column as shown in **FIG. 8-1**. The tape will indicate when the runners are in correct position for unfolding and folding the platform.

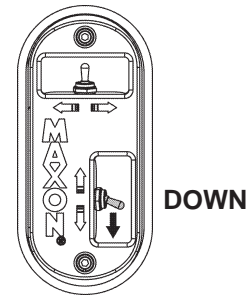


**FIG. 8-1**

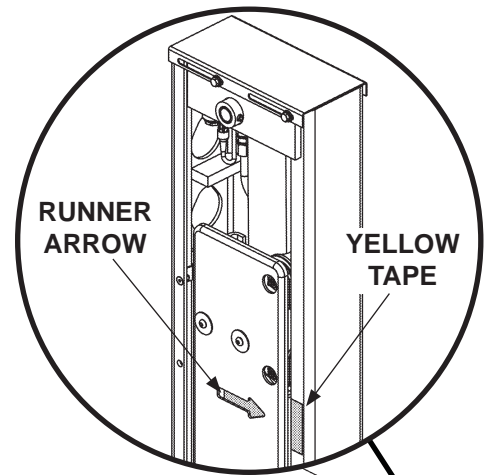


**NOTE:** Use the street-side control switch to check operation of the Liftgate.

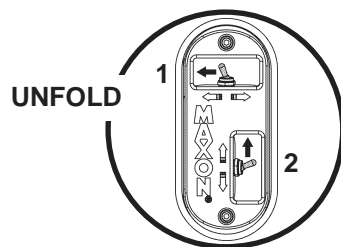
11. Push toggle switch to **DOWN** position (**FIG. 9-1**) to lower platform until yellow runner arrow is aligned with yellow tape on column (**FIG. 9-2B**). Platform will be released from the locking wedges on the Liftgate column. Next, use street-side control switches **1** and **2** to **UNFOLD** platform (**FIGS. 9-2A and 9-2C**). Hold both toggle switches until platform reaches the unfolded (horizontal) position and then release the switches.



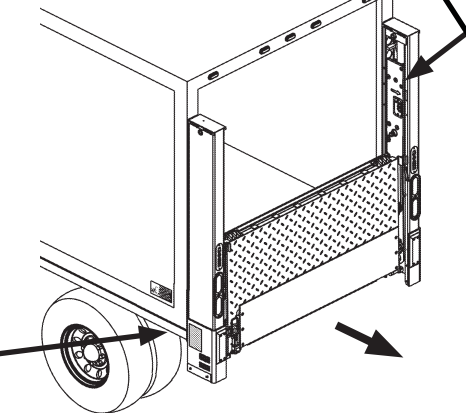
**STREET-SIDE CONTROL SWITCH  
(GRAVITY DOWN SHOWN)  
FIG. 9-1**



**FIG. 9-2B**

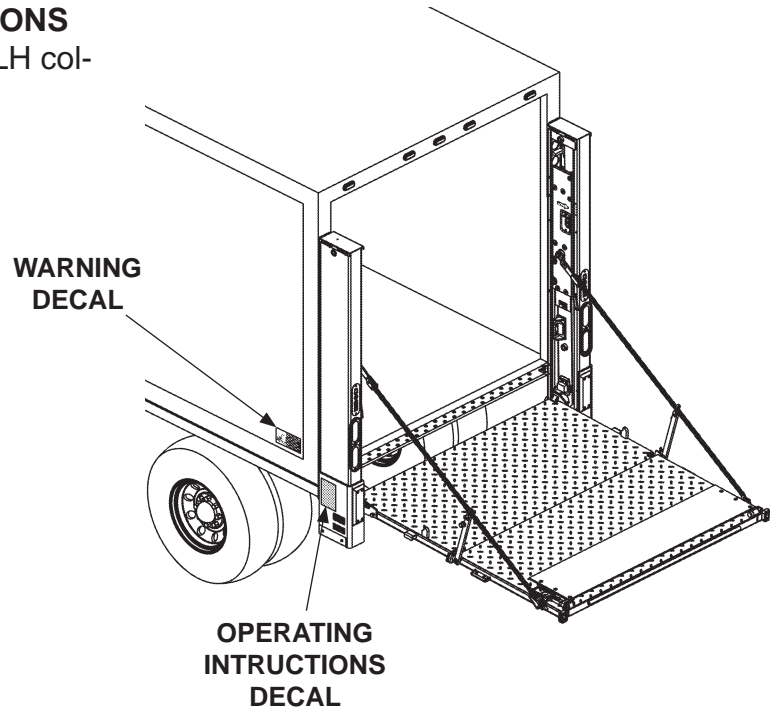


**STREET-SIDE CONTROL  
FIG. 9-2C**



**UNFOLDING PLATFORM  
FIG. 9-2A**

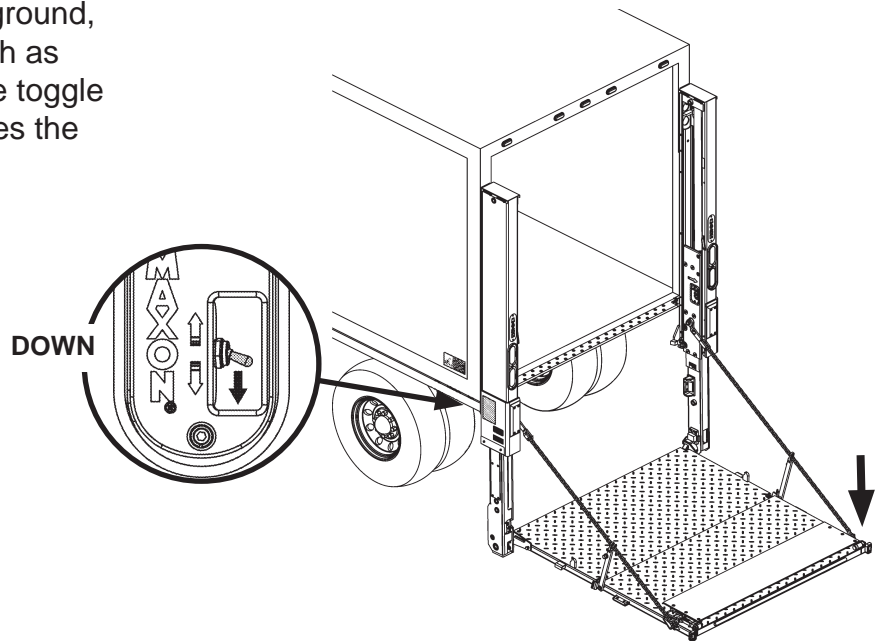
12. Attach the **OPERATING INSTRUCTIONS** decal (Kit item) to the sleeve on the LH column (**FIG. 10-1**).



**ATTACHING DECALS**  
**FIG. 10-1**

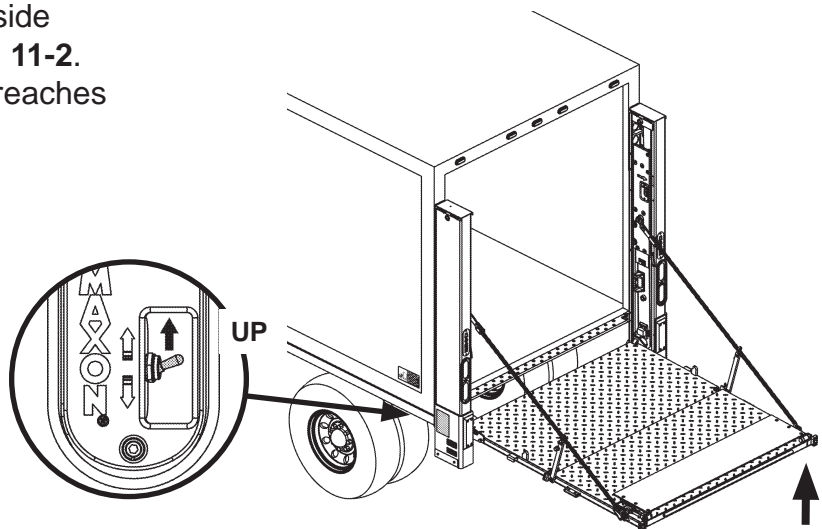
13. Attach the **WARNING** decal (Kit item) to the vehicle body as shown in **FIG. 10-1**.

14. To **LOWER** platform to the ground, use street-side control switch as shown in **FIG. 11-1**. Release toggle switch when platform reaches the ground.



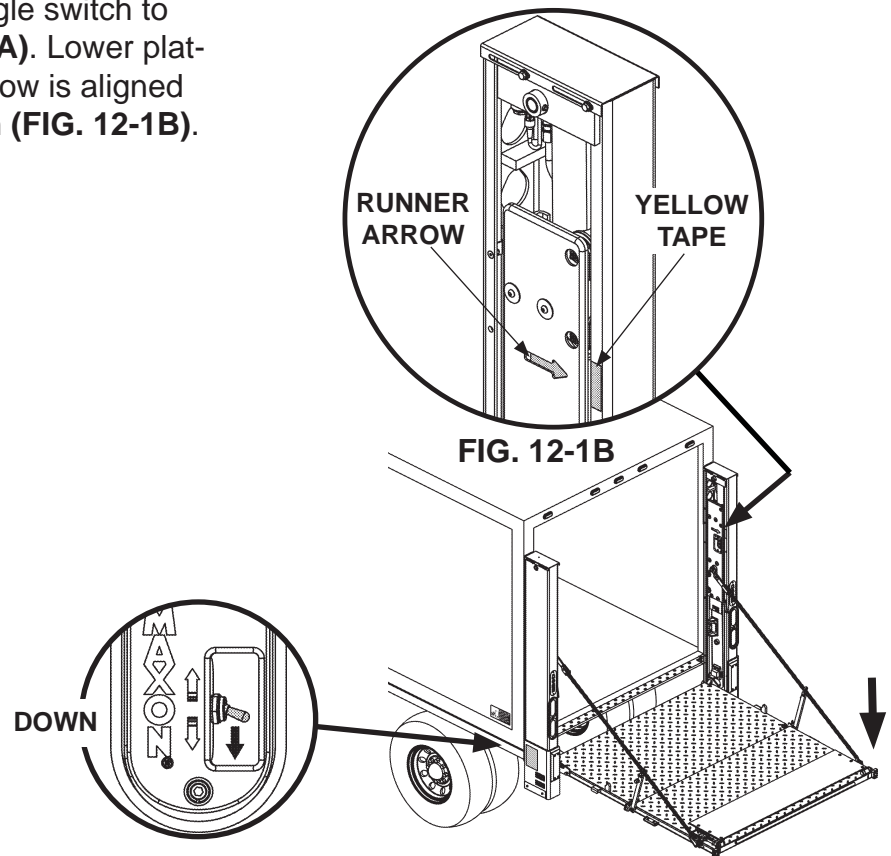
**LOWERING PLATFORM TO GROUND  
USING STREET-SIDE CONTROL SWITCH  
FIG. 11-1**

15. To **RAISE** platform, use street-side control switch as shown in **FIG. 11-2**. Release switch when platform reaches bed height.



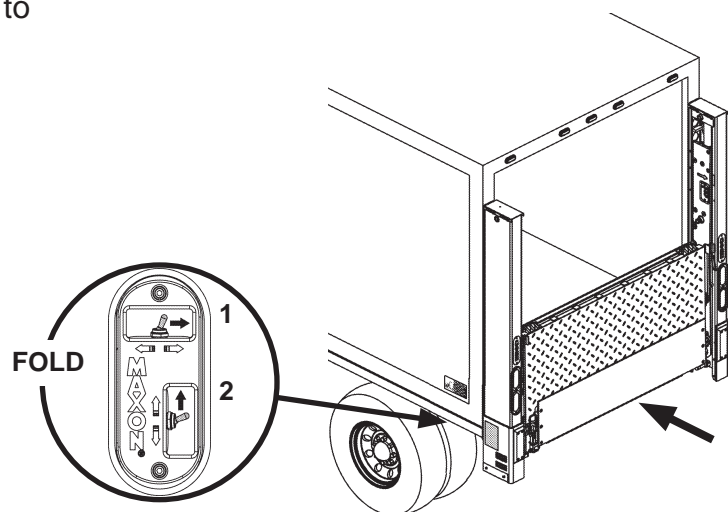
**RAISING PLATFORM  
USING STREET-SIDE CONTROL SWITCH  
FIG. 11-2**

16. To stow platform, push toggle switch to **DOWN** position (**FIG. 12-1A**). Lower platform until yellow runner arrow is aligned with yellow tape on column (**FIG. 12-1B**).



**STOWING PLATFORM USING  
STREET-SIDE CONTROL SWITCH  
FIG. 12-1A**

17. Hold both toggle switches 1 and 2 to **FOLD** platform (**FIG. 12-2**).



**FOLDING PLATFORM  
USING STREET-SIDE CONTROL SWITCH  
FIG. 12-2**

**⚠ WARNING**  
**Upper locking wedges must be engaged before moving vehicle.**

18. Push toggle switch to raise (UP) platform to upper locking position as follows (FIG. 13-1A). Raise platform until round wedge on each opener arm is behind the upper locking wedge on each column (FIG. 13-1B).

