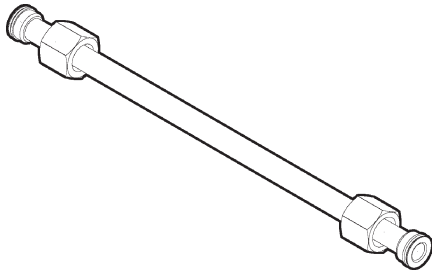
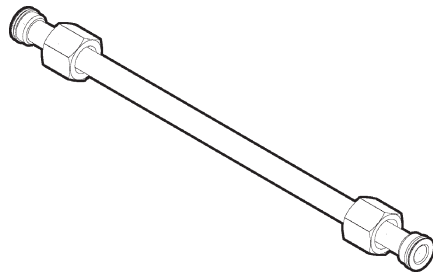


## INSTALLATION INSTRUCTION FOR BMR-A ABOVE BED KIT KIT P/N 280550-01

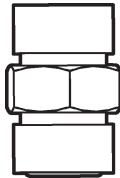
**NOTE:** The Liftgate can be mounted so the platform is 8" above the floor of the vehicle. However, the maximum height the platform can be above ground is 56". Platform will not reach the ground if it can be raised more than 56" above the ground.



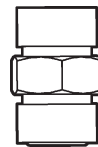
**TUBE ASSY,  
O-RING FACE SEAL, 8" (1/2" O.D.)  
P/N 280551-01  
QTY. 2**



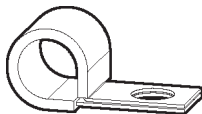
**TUBE ASSY,  
O-RING FACE SEAL, 8" (3/8" O.D.)  
P/N 280552-01  
QTY. 3**



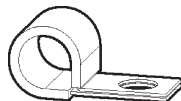
**UNION, FACE SEAL,  
#8 MALE-TO-MALE  
P/N 905161  
QTY. 2**



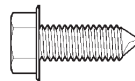
**UNION, FACE SEAL,  
#6 MALE-TO-MALE  
P/N 905175  
QTY. 3**



**CLAMP, #8  
RUBBER LOOM  
P/N 214663  
QTY. 2**



**CLAMP, #6  
RUBBER LOOM  
P/N 224006  
QTY. 3**



**SCREW, SELF-  
DRILLING, 3/4" LONG  
P/N 900045-01  
QTY. 5**



**PLASTIC TIE, 7"  
P/N 205780  
QTY. 5**

**NOTE:** Use these instructions along with BMR-A Installation Manual **M-00-24** to do a complete Liftgate installation. The following instructions only cover the work and parts that enable the BMR-A Liftgate to raise above vehicle bed level. Refer to **M-00-24** for instructions for installing hydraulic system, electric system, and optional equipment components.

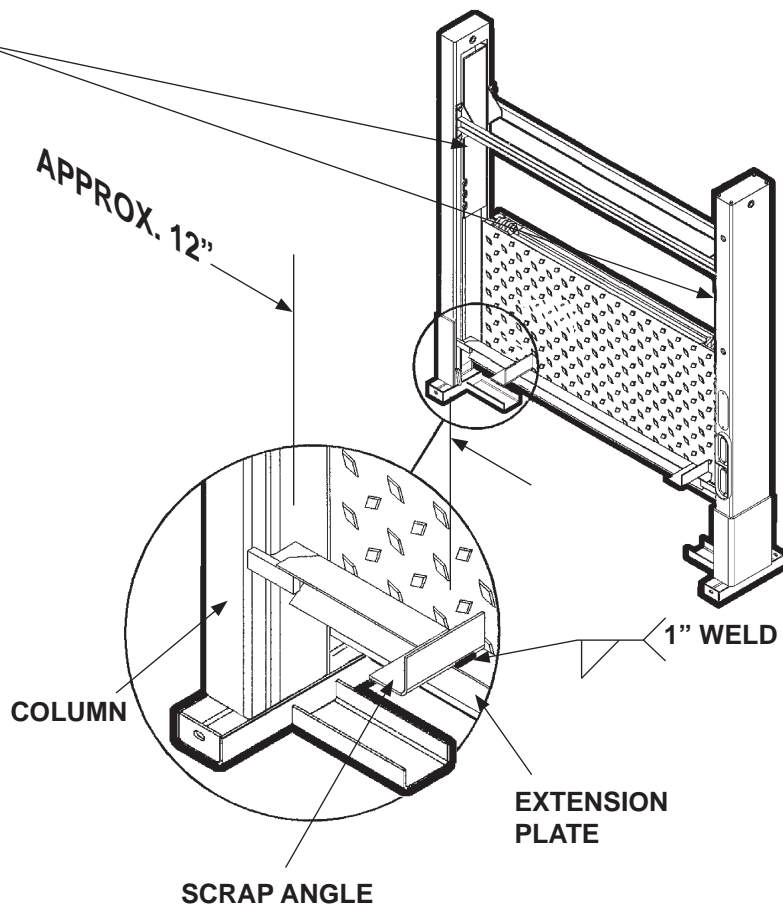
**⚠ CAUTION**

**Comply with welding CAUTION decals on the LH & RH runners.**

**! Caution !**

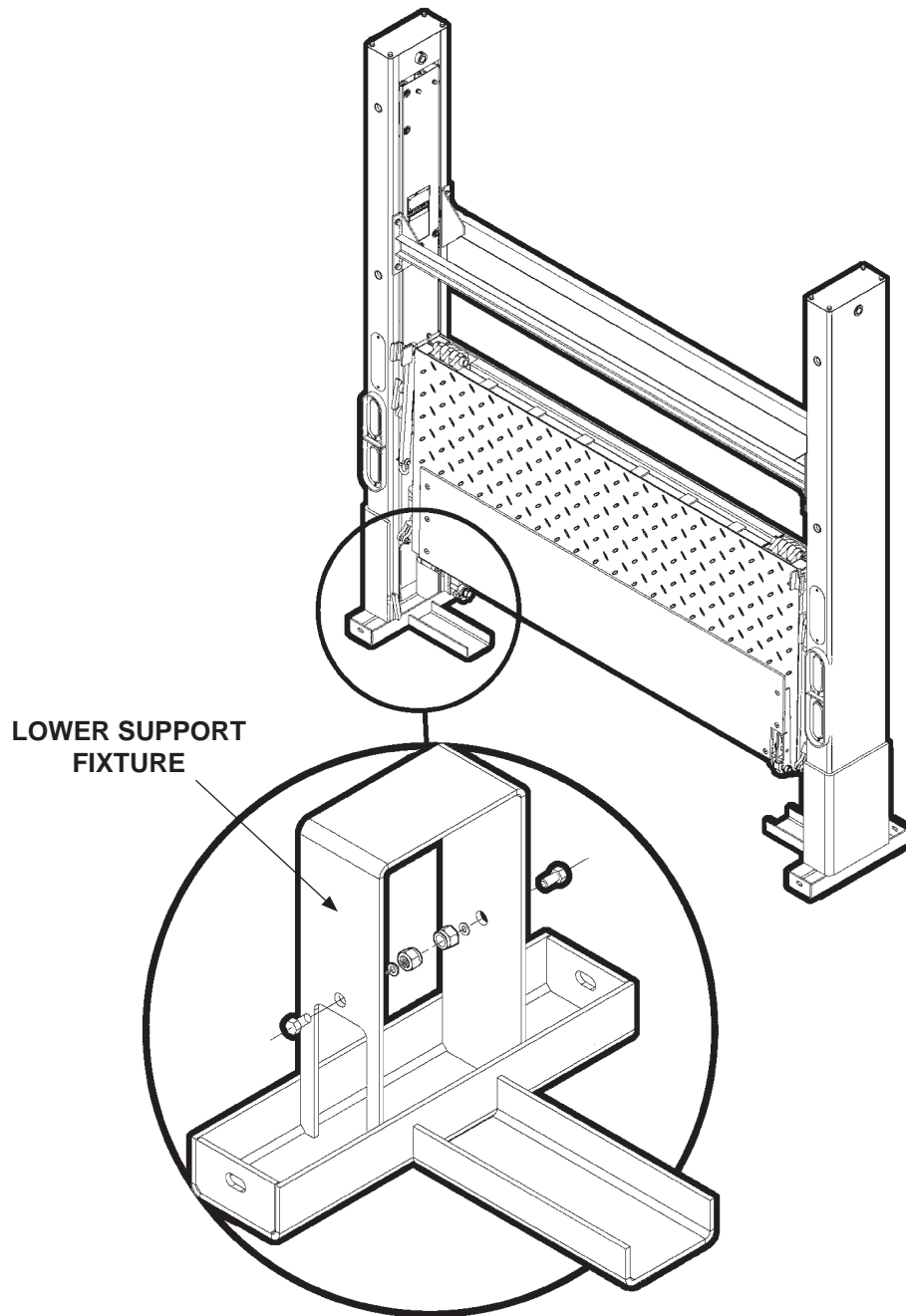
When performing any electrical welding operations to the structure of this lift, be careful to connect the ground lead to the Liftgate component being welded (e.g. runner assembly, column assembly, platform assembly), and as close to the area being welded as possible. Because the separate assemblies on the BMR Series lifts are insulated by self-lubricated bearings, failure to do so will cause severe damage to electrical components and metal parts.

1. Weld 2 pieces of 10" x 2" angle stock to the top surface of the extension plate near the left hand (LH) column as shown in **FIG. 2-1** and the same way near the right hand (RH) column. The angle stock helps keep extension plate flush with top of vehicle bed while installing Liftgate.



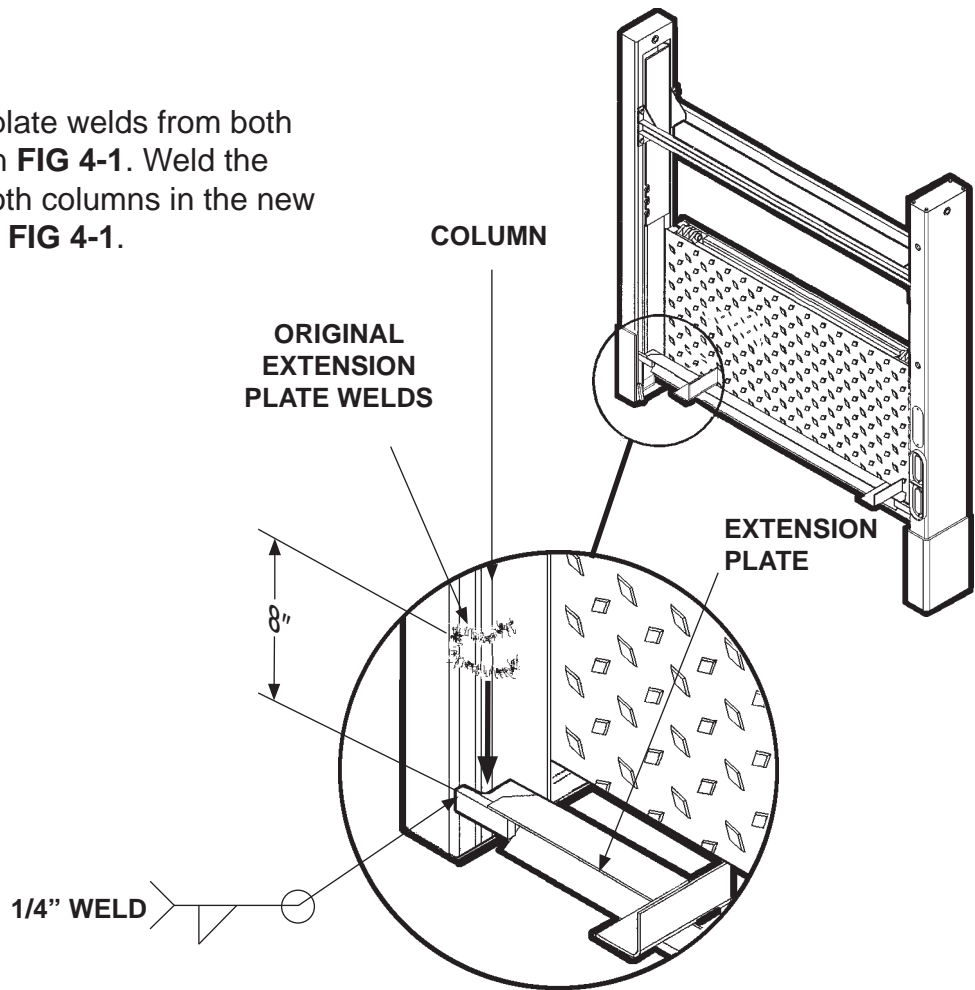
**FIG. 2-1**

2. Remove the (2) lower support fixtures (**FIG. 3-1**) by unbolting them from inside both columns.



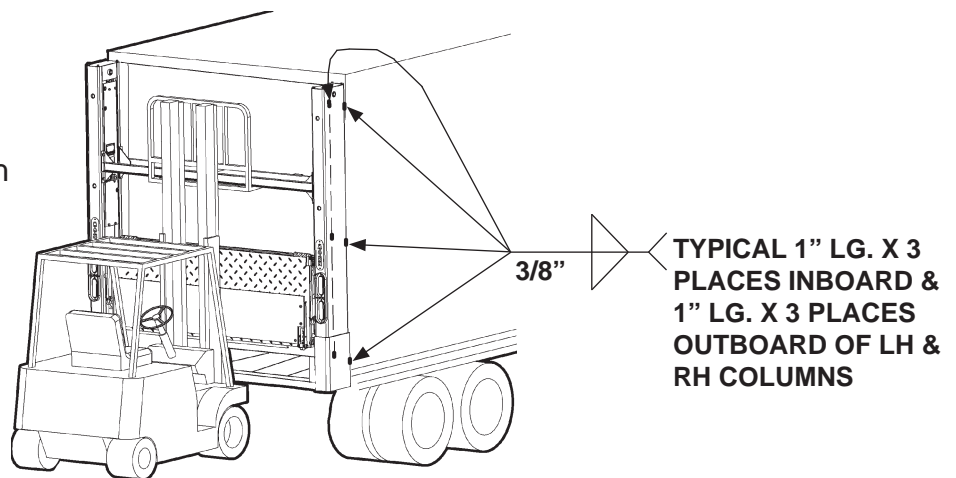
**FIG. 3-1**

3. Grind off extension plate welds from both columns as shown in **FIG 4-1**. Weld the extension plate to both columns in the new location as shown in **FIG 4-1**.



**FIG. 4-1**

4. Use overhead hoist or forklift to center Liftgate against the vehicle (**FIG. 4-2**). Let angle stock, welded to extension plate, rest on the top surface of the vehicle bed. Weld both columns to vehicle body as shown in **FIG. 4-2**.



**FIG. 4-2**

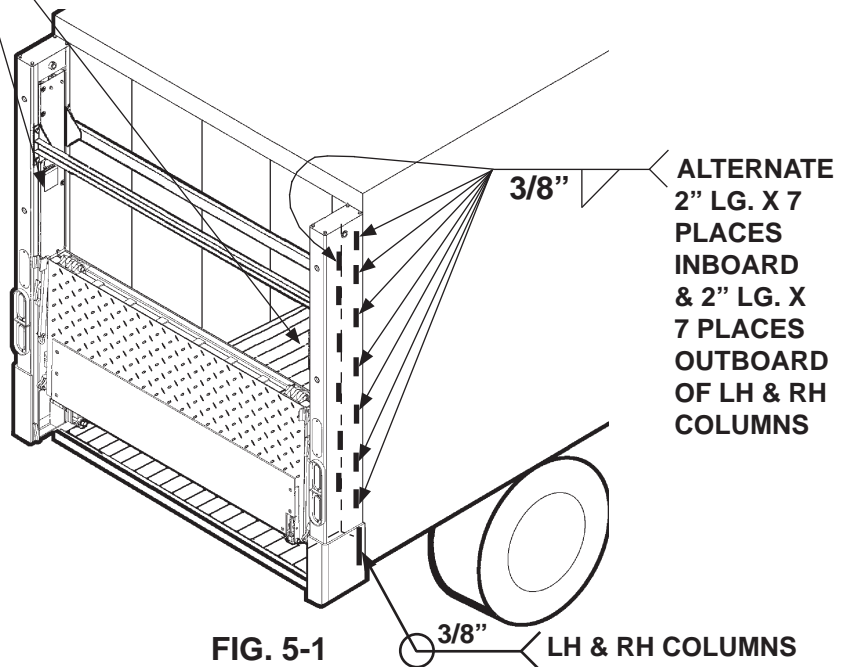
**NOTE:** If Liftgate columns cannot be mounted flush against rear of vehicle, a filler such as tubing, channel, or plate stock may be used to bridge gap between vehicle body and Liftgate columns. Make sure the added materials and welds meet the **BODY STRENGTH REQUIREMENTS** indicated in manual **M-00-24**.

## ! Caution !

When performing any electrical welding operations to the structure of this lift, be careful to connect the ground lead to the Liftgate component being welded (e.g. runner assembly, column assembly, platform assembly), and as close to the area being welded as possible.

Because the separate assemblies on the BMR Series lifts are insulated by self-lubricated bearings, failure to do so will cause severe damage to electrical components and metal parts.

5. Weld both Liftgate columns to vehicle body as shown in **FIG. 5-1**. Also, get two 12" long flats from parts box. Weld one flat to reinforcement sleeve on both columns as shown in **FIG. 5-1**.



## ! CAUTION

Comply with welding **CAUTION** decals on the LH & RH runners.

## ! WARNING

Do not remove upper support fixtures before welding.

## CAUTION

Keep dirt, water and other contaminants from entering the hydraulic system. Before opening the hydraulic fluid reservoir filler cap, drain plug and hydraulic lines, clean up contaminants that can get in the openings. Also, protect the openings from accidental contamination.

6. Connect the (2) 1/2" O.D. tube assemblies and (3/8") O.D. tube assemblies between hydraulic hoses and hydraulic lines (columns) as shown in **FIG. 6-1** (gravity down Liftgates) and **FIG. 7-1** (power down Liftgates).

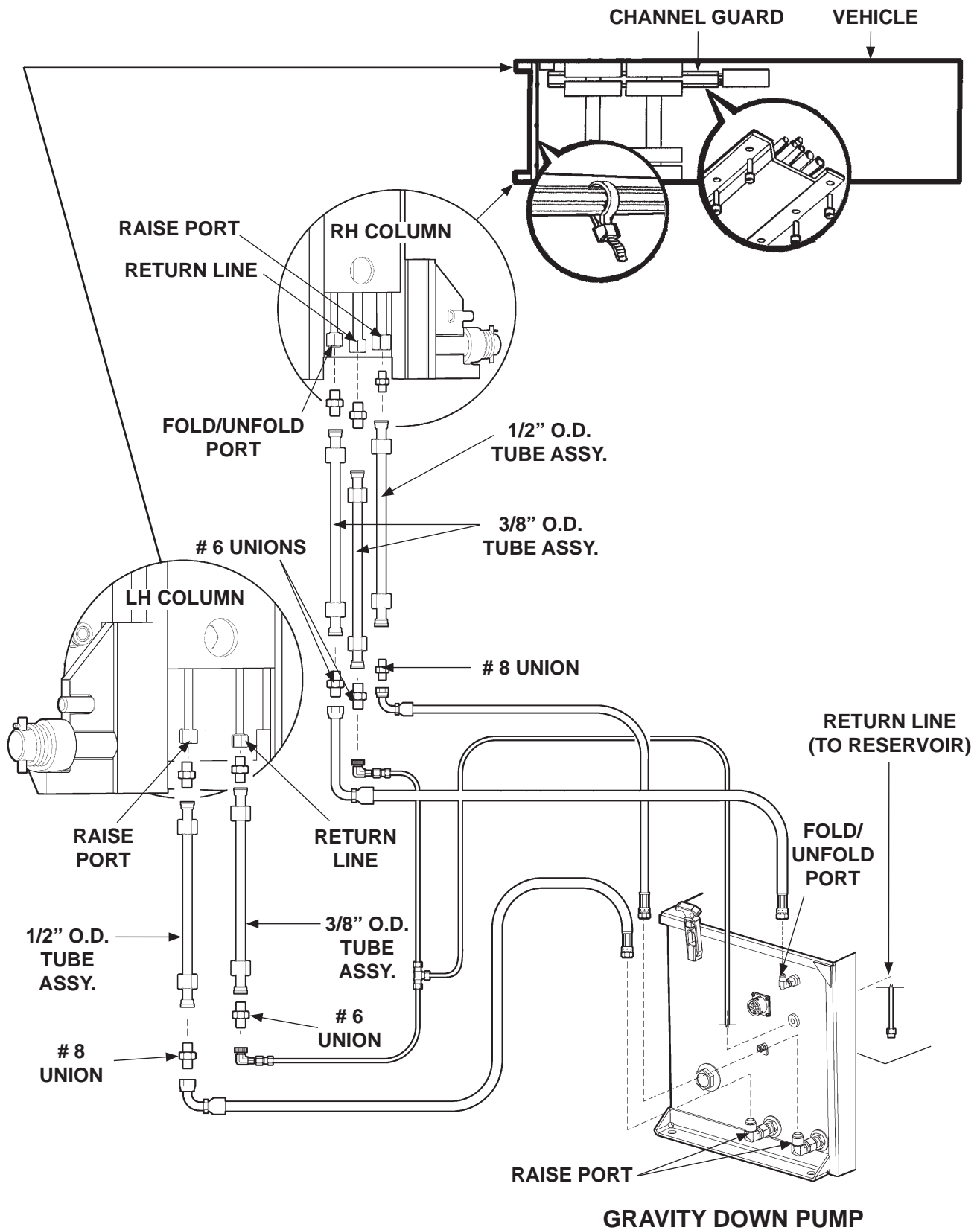
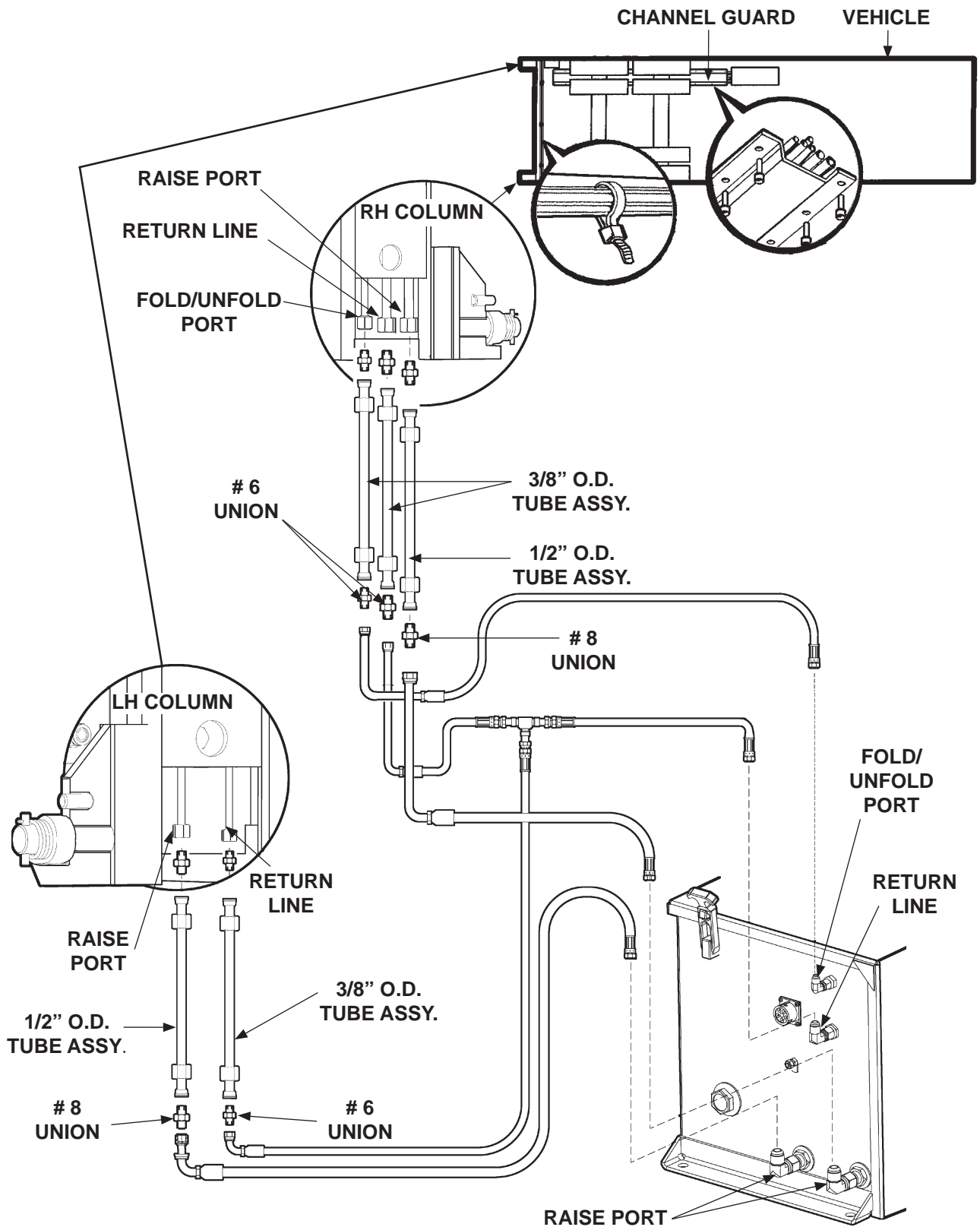
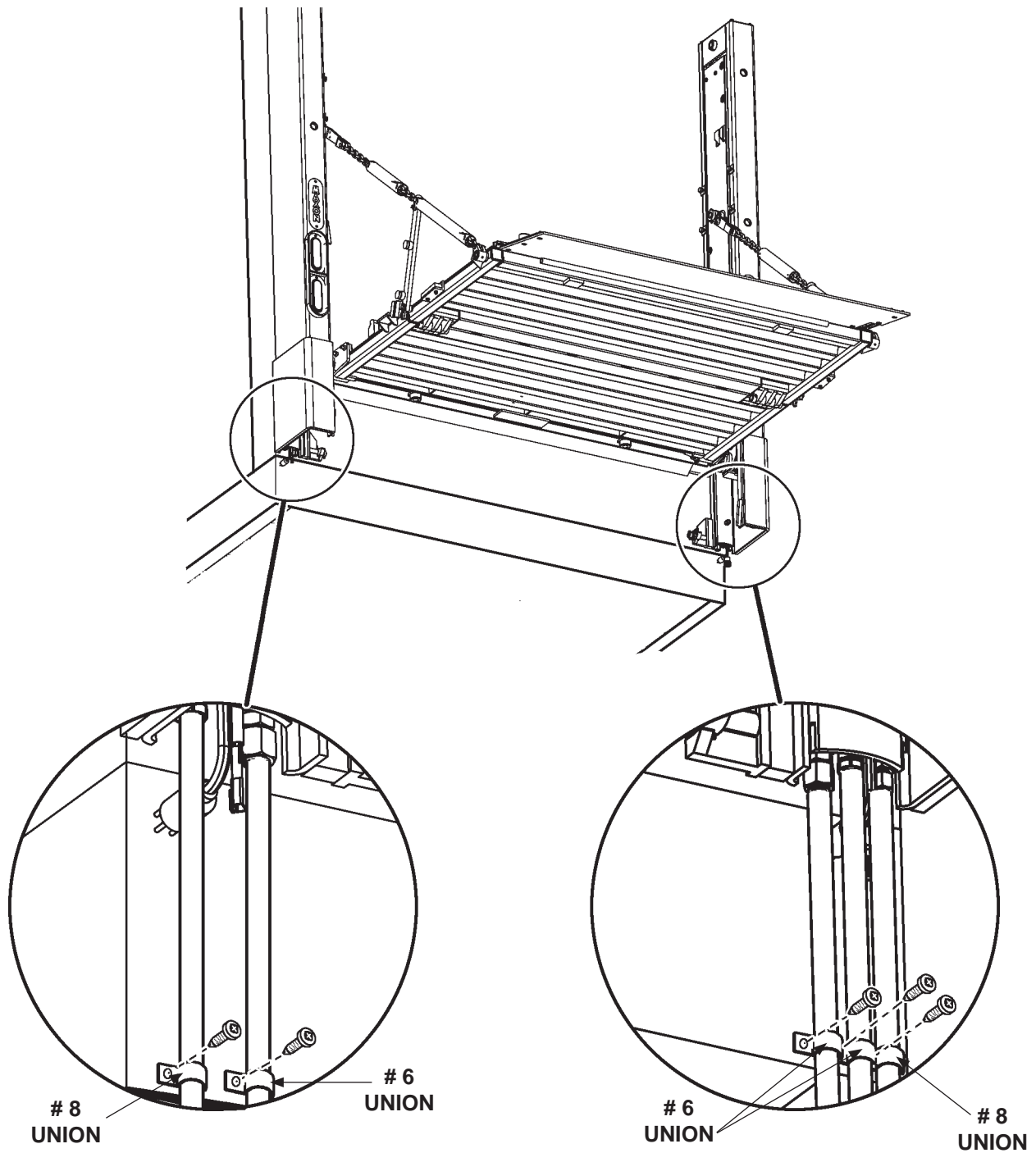


FIG. 6-1



**FIG. 7-1**

**POWER DOWN PUMP**



**FIG. 8-1**

7. Get # 6 loom clamps for each of the (3) 3/8" O.D. tubes and # 8 loom clamps for the (2) 1/2" O.D. tubes. Place loom clamp on each tube and mark a hole to fasten each clamp to vehicle body as shown in **FIG. 8-1**. Drill #20-size (.161") hole for each clamp. Fasten each of the 5 clamps to vehicle body with self-drilling screws.