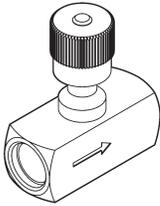
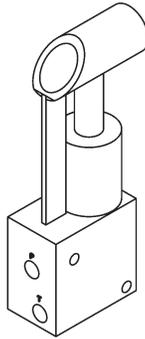


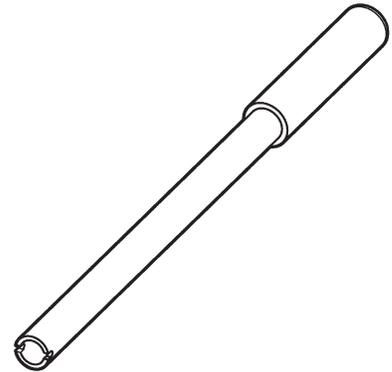
## INSTRUCTION, HAND PUMP INSTALLATION (TUK-A-WAY) KIT P/N 268075-01



**NEEDLE VALVE,  
ADJUSTABLE, SAE #6  
P/N 906739-01  
QTY. 1**



**HAND PUMP,  
SAE #4 PORTS  
P/N 266588-01  
QTY. 1**



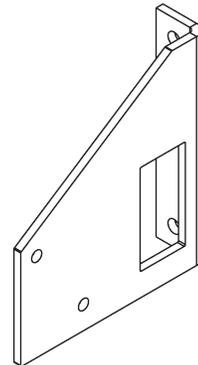
**HANDLE, HAND  
PUMP  
P/N 251407-02  
QTY. 1**



**POP RIVET, 3/16" X 7/16" LG.  
P/N 904005-1  
QTY. 2**



**SPRING CLIP  
HOLDER  
P/N 227681  
QTY. 2**



**BRACKET, HAND PUMP  
P/N 268076-01  
QTY. 1**



**SOCKET SCREW,  
1/4"-20 X 1-3/4" LG, GR8  
P/N 900025-7  
QTY. 2**



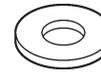
**LOCK NUT, 5/16"-18  
P/N 901001  
QTY. 2**



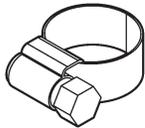
**LOCK NUT, THIN HEAD  
1/4"-20  
P/N 901016-2  
QTY. 2**



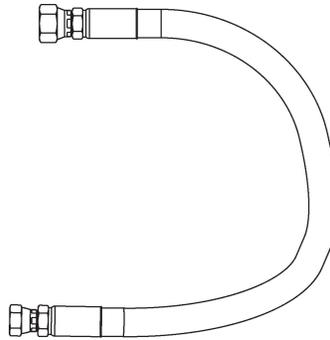
**HEX CAP SCREW,  
5/16"-18 X 1" LG, GR8  
P/N 900009-2  
QTY. 2**



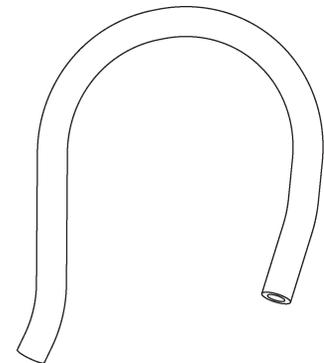
**FLAT WASHER, 5/16"  
P/N 902000-8  
QTY. 2**



**HOSE CLAMP,  
SCREW  
P/N 251854  
QTY. 2**



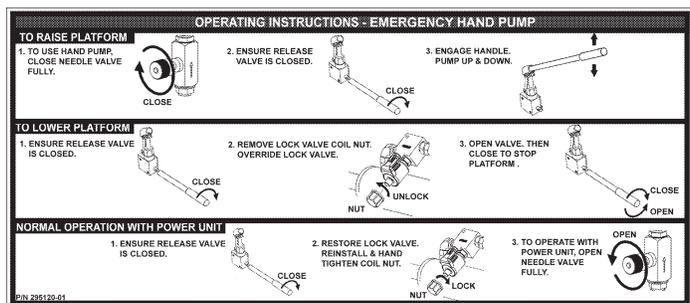
**HOSE ASSEMBLY  
P/N 268074-01  
QTY. 1**



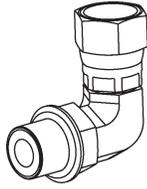
**HOSE ASSEMBLY 17" LG  
P/N 251855-09  
QTY. 1**



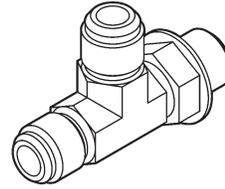
**PLASTIC TIE,  
8" (120 LB)  
P/N 905322-01  
QTY. 1**



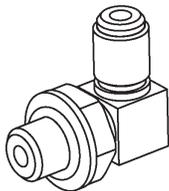
**PUMP OPERATION DECAL  
P/N 295120-01  
QTY. 1**



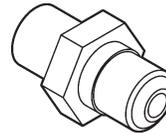
**ELBOW,  
STANDARD THREAD,  
SAE O-RING 37 DEGREE, SWIVEL #6  
P/N 906803-01  
QTY. 1**



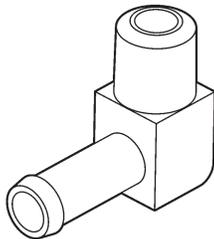
**TEE, BRANCH  
SAE O-RING 37 DEGREE, FLARE #6  
P/N 906773-01  
QTY. 1**



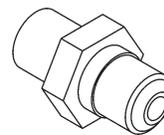
**ELBOW FITTING #4  
P/N 905064  
QTY. 1**



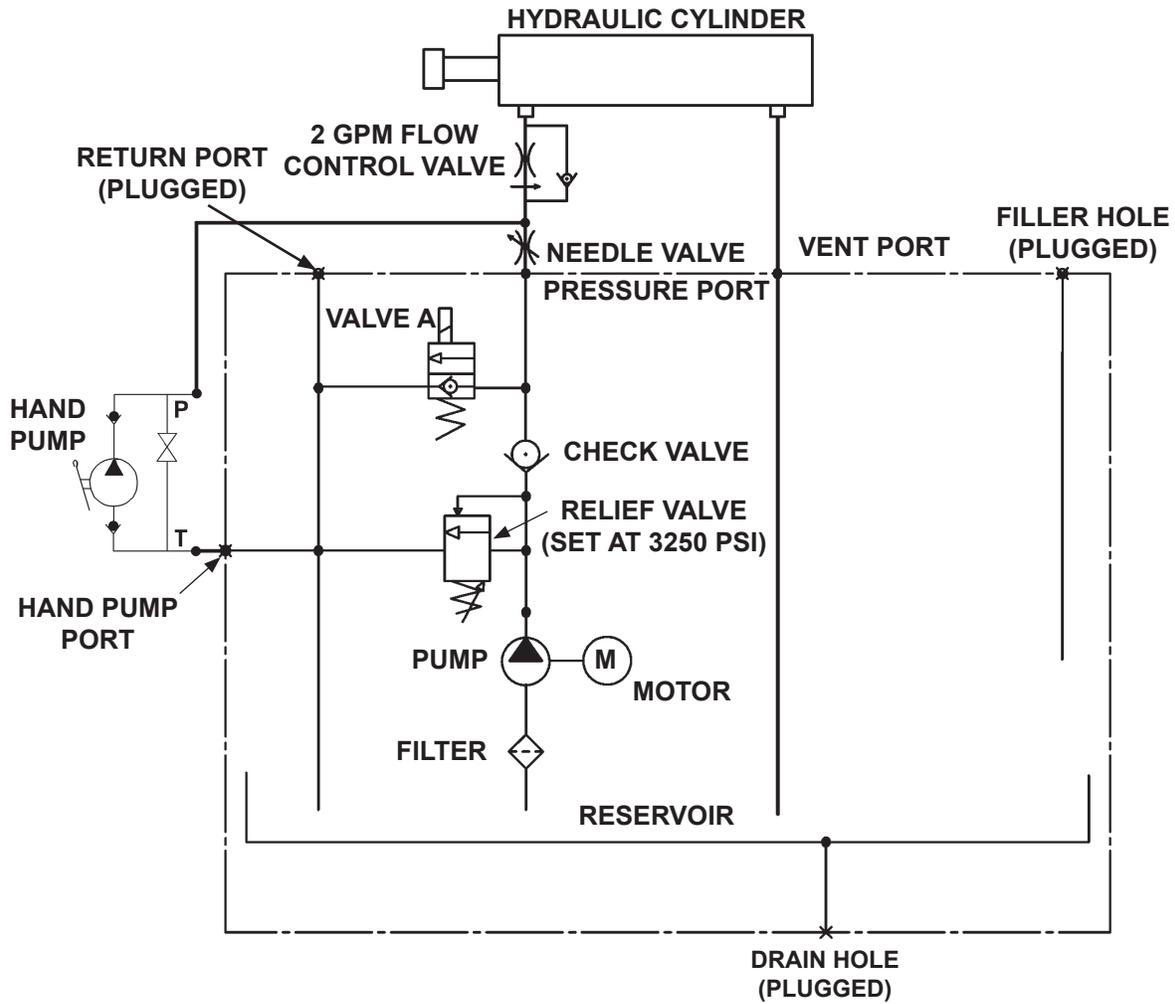
**ADAPTER  
1/4" O-RING  
P/N 906756-01  
QTY. 1**



**ELBOW, 90 DEGREE  
1/4M-3/8"  
P/N 251853  
QTY. 2**

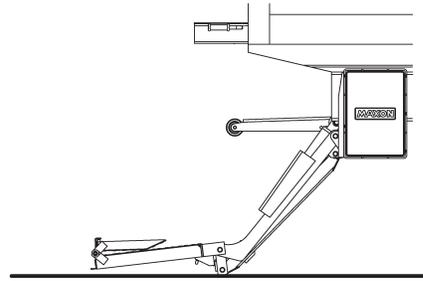


**ADAPTER,  
STRAIGHT THREAD  
9/16"-18"M - 1/4"F  
P/N 228012  
QTY. 1**



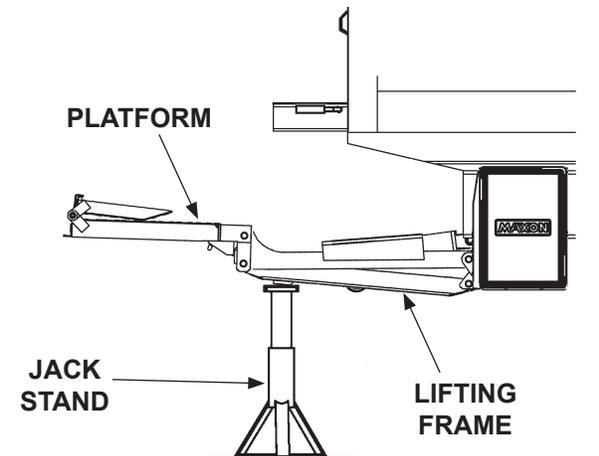
**GRAVITY DOWN HYDRAULIC SCHEMATIC**  
**FIG. 4-1**

1. Lower platform all the way to the ground and unfold (**FIG. 5-1**). Refer to **Operation Manual** for detailed operating instructions.



**PLATFORM LOWERED TO GROUND**  
**FIG. 5-1**

2. Raise the platform above the ground as shown in **FIG. 5-2**. Then, use jack stands under the lifting frame to support the platform **FIG (5-2)**.

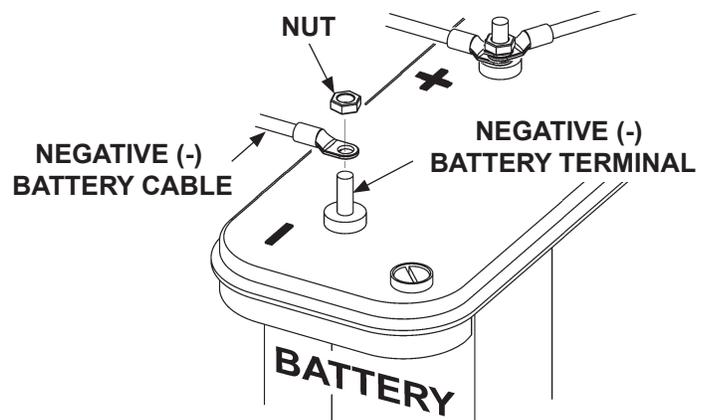


**SUPPORTING PLATFORM WITH JACK**  
**(THIS IS GPT SHOWN)**  
**FIG. 5-2**

**⚠ WARNING**

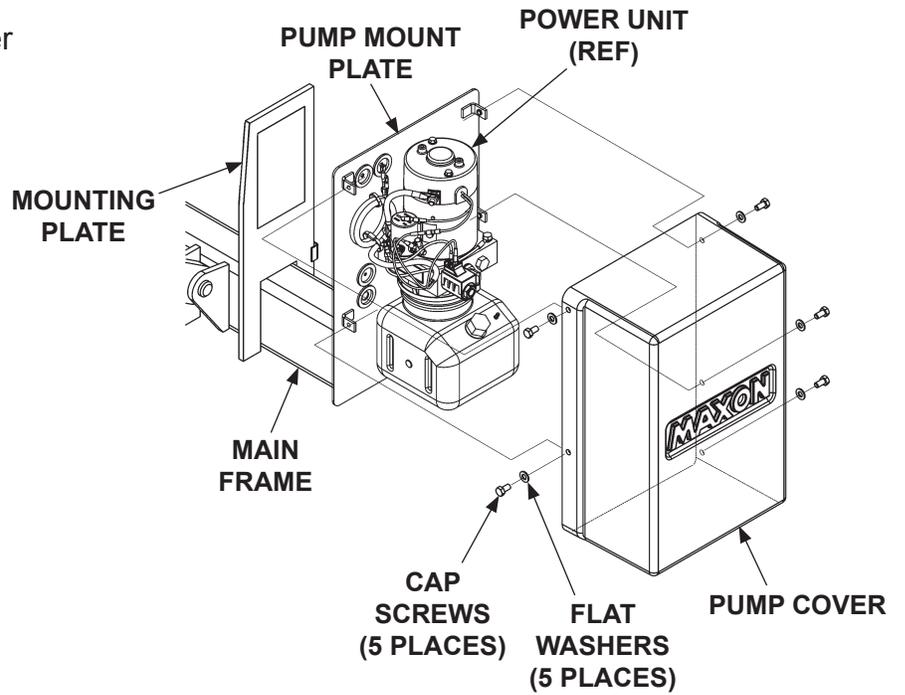
To prevent personal injury and equipment damage, make sure power is disconnected from Liftgate while installing hydraulic electrical parts.

3. Disconnect power from Liftgate by disconnecting negative (-) battery cable from negative (-) battery terminal (**FIG. 5-3**).



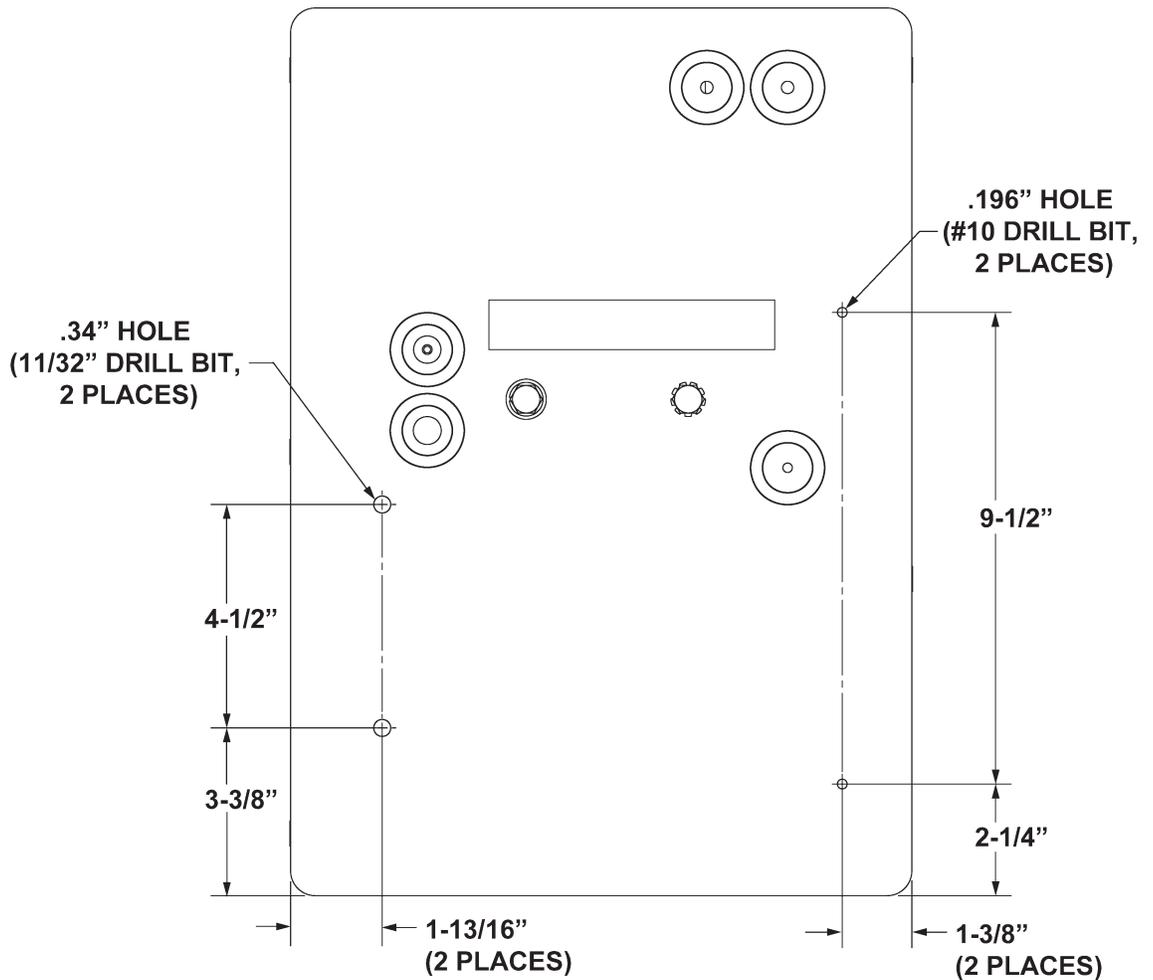
**DISCONNECTING POWER**  
**FIG. 5-3**

4. Unbolt and remove pump cover  
(FIG. 6-1).



**UNBOLTING PUMP COVER  
FIG. 6-1**

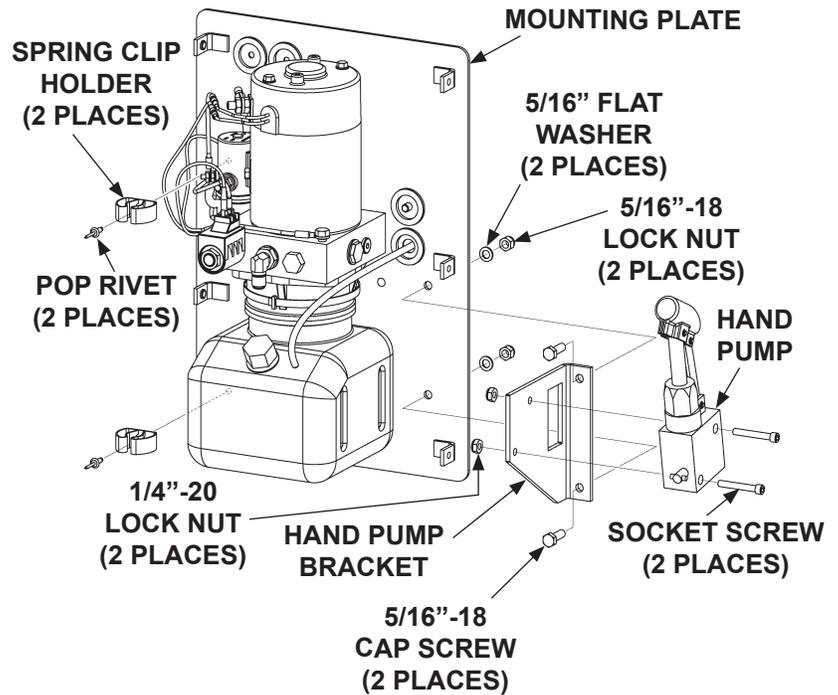
5. Measure and mark holes, on pump mounting plate, for hand pump bracket and spring clips (**FIG. 7-1**).
6. Use 11/32" bit to drill 2 holes for the hand pump bracket (**FIG. 7-1**) and #10 bit to drill 2 holes for the spring clips (**FIG. 7-1**).



**HOLE PATTERNS FOR MOUNTING BRACKET  
AND SPRING CLIPS  
FIG. 7-1**

7. Bolt hand pump bracket (Kit item) to mounting plate. Then, bolt hand pump (Kit item) to bracket (FIG. 8-1).

8. Rivet the two spring clip holders to holes in the mounting plate (FIG. 8-1).

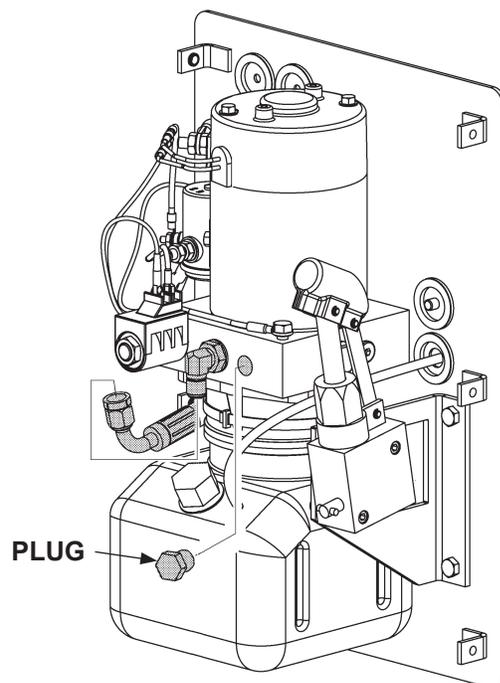


**BOLTING ON HAND PUMP & SPRING CLIPS**  
FIG. 8-1

## 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.

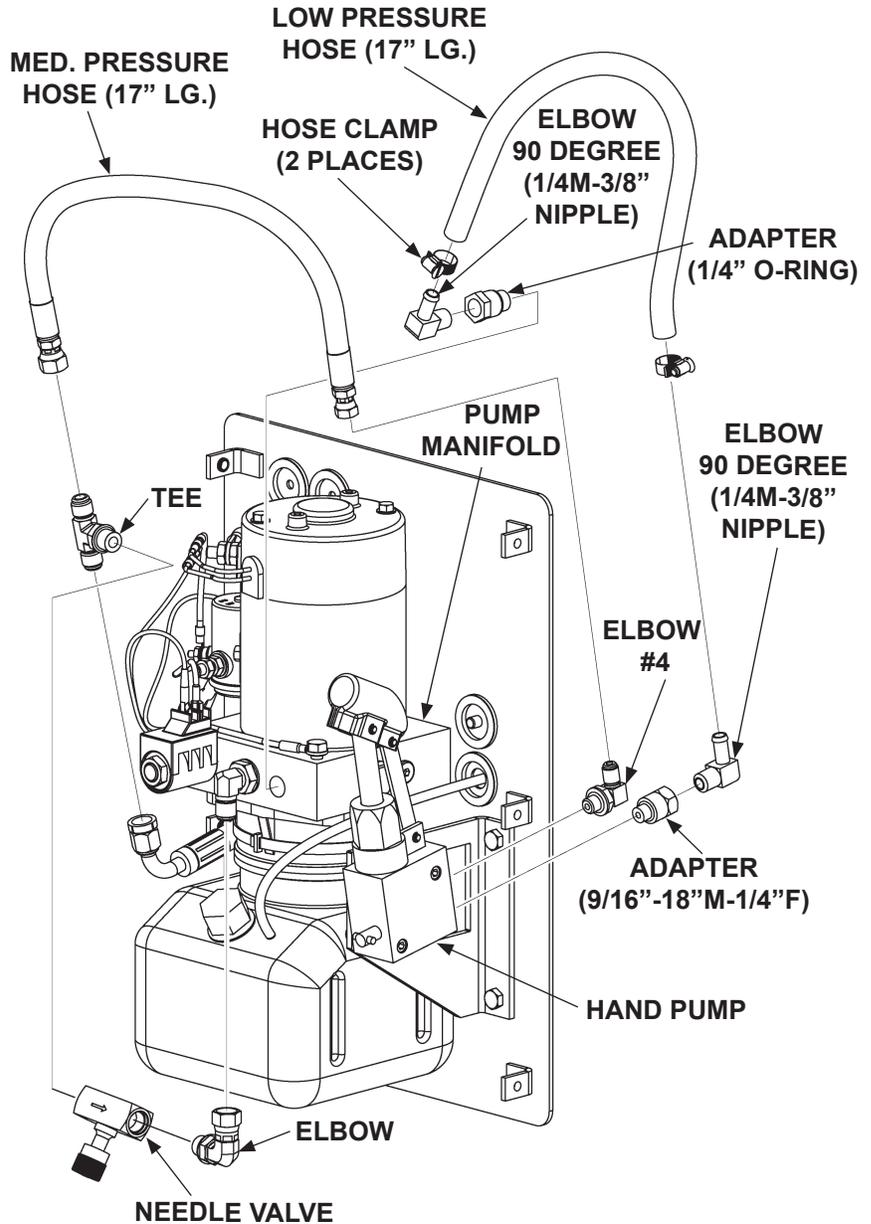
9. Place a 5-gallon bucket under the pump to catch fluid. Disconnect high pressure hose and remove plug (FIG. 8-2).



**DISCONNECTING HOSE & REMOVING PLUG**  
FIG. 8-2

**NOTE:** Position the needle valve so the flow arrow points to the elbow on the pump. The hand pump will not work if the needle valve is reversed.

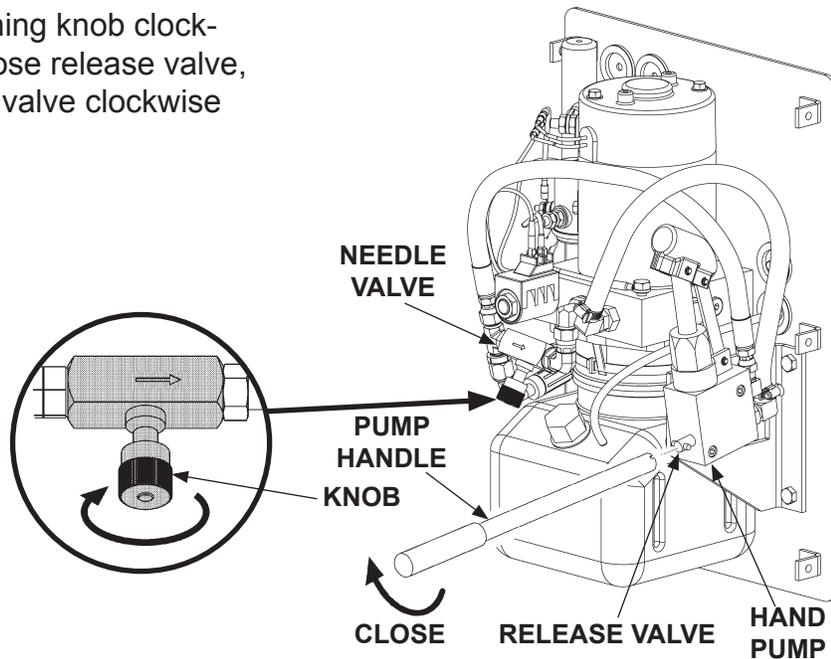
10. Connect the hand pump hydraulic hoses, needle valve, and fittings (Kit items) (**FIG. 9-1**). Tighten all connections and hose clamps securely.



**CONNECTING HAND PUMP COMPONENTS  
FIG. 9-1**

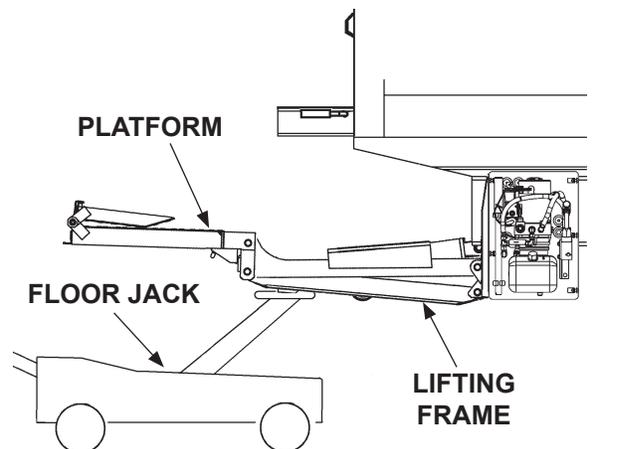
**NOTE:** Ensure pressure release valve is closed on the hand pump (turn clockwise) before raising platform.

11. Close needle valve by turning knob clockwise (**FIG. 10-1**). Then, close release valve, on hand pump, by turning valve clockwise (**FIG. 10-1**).



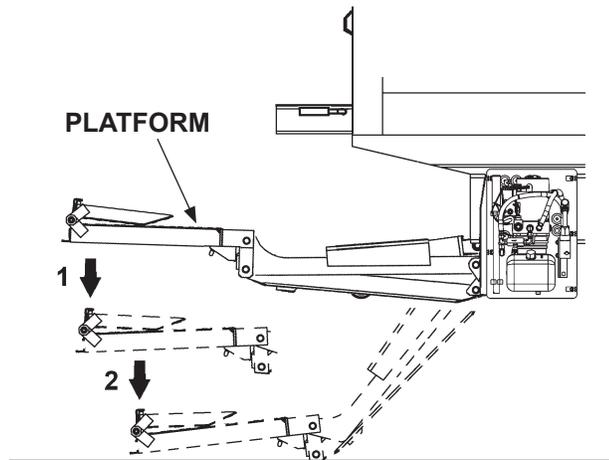
**CLOSING NEEDLE VALVE &  
RELEASE VALVE  
FIG. 10-1**

12. Use a floor jack to slightly raise the lifting frame (**FIG. 10-2**). Then, remove the jack stand from under the lifting frame.

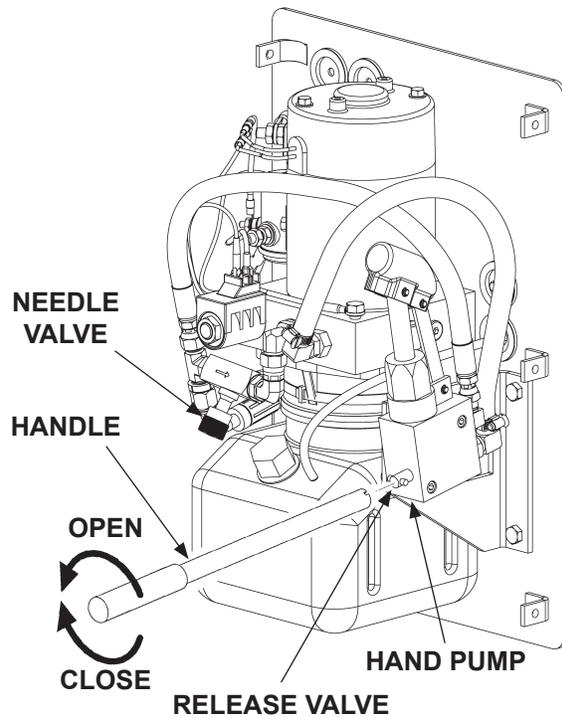


**RAISING PLATFORM &  
REMOVING JACK STAND  
FIG. 10-2**

13. Lower platform 1/2 distance (1) to ground (FIG. 11-1) by turning hand pump release valve counterclockwise (FIG. 11-2). Turn release valve clockwise to stop platform from lowering (FIG. 11-2).

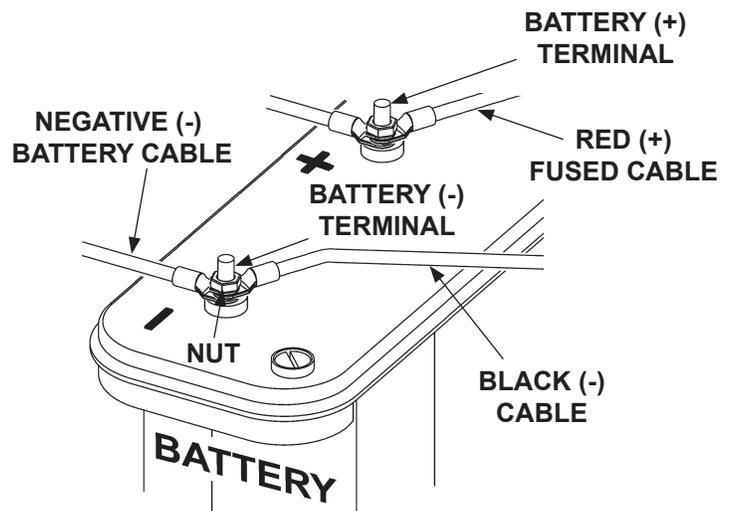


**LOWERING PLATFORM 1/2 DISTANCE TO GROUND  
FIG. 11-1**



**OPENING/CLOSING RELEASE VALVE  
FIG. 11-2**

14. Reconnect the negative (-) battery cable to the negative (-) battery terminal (FIG. 12-1). Tighten nut.

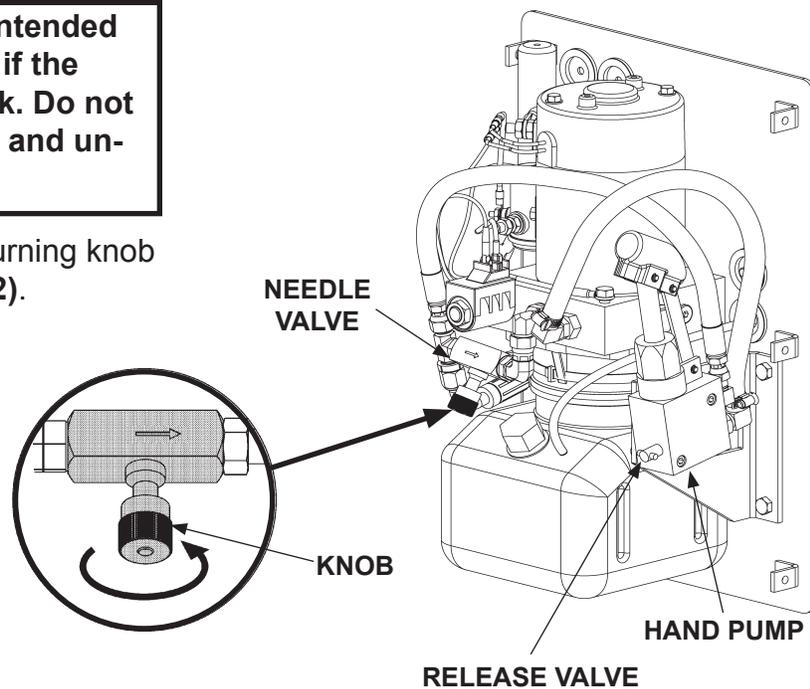


**CONNECTING POWER**  
**FIG. 12-1**

### **CAUTION**

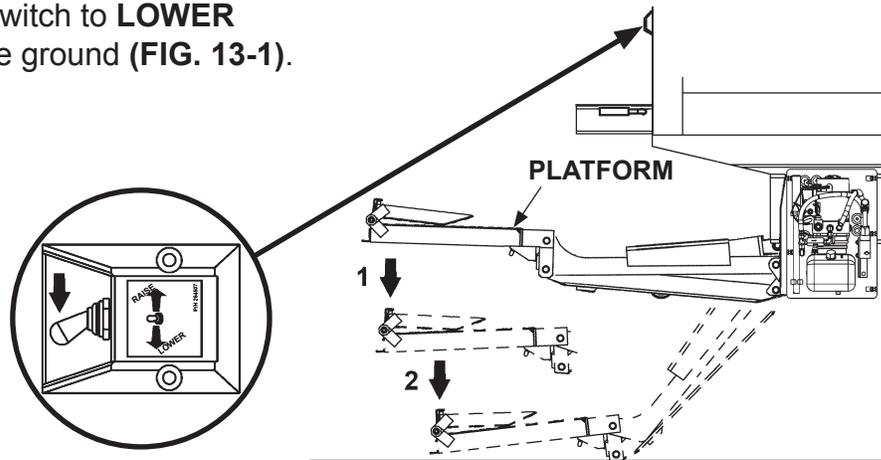
The hand pump is only intended for stowing the platform if the power unit does not work. Do not use for repeated loading and unloading of vehicle.

15. Open the needle valve by turning knob counterclockwise (FIG. 12-2).



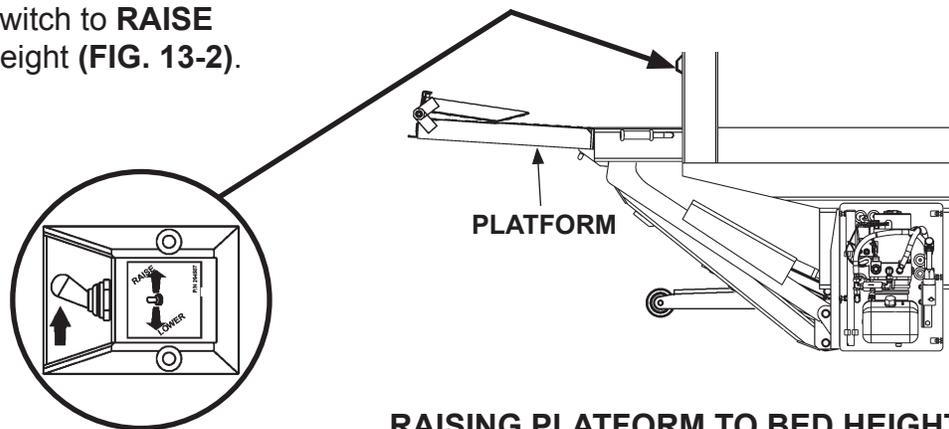
**OPENING NEEDLE VALVE**  
**FIG. 12-2**

16. Use the control switch to **LOWER** platform (2) to the ground (**FIG. 13-1**).



**LOWERING PLATFORM TO GROUND  
WITH CONTROL SWITCH  
FIG. 13-1**

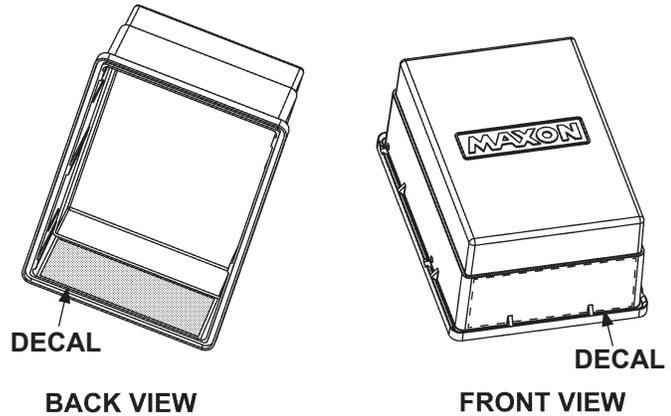
17. Use the control switch to **RAISE** platform to bed height (**FIG. 13-2**).



**RAISING PLATFORM TO BED HEIGHT  
WITH CONTROL SWITCH  
FIG. 13-2**

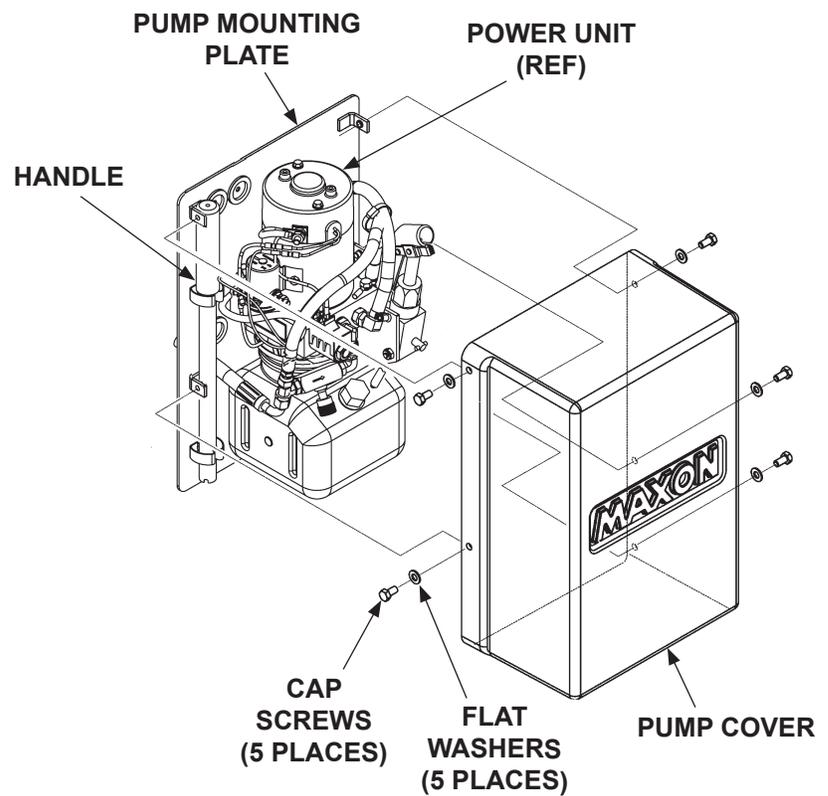
18. Repeat step 16 and step 17 until no air is left in system.

19. Attach pump operation decal inside the pump cover as shown in FIG. 14-1.



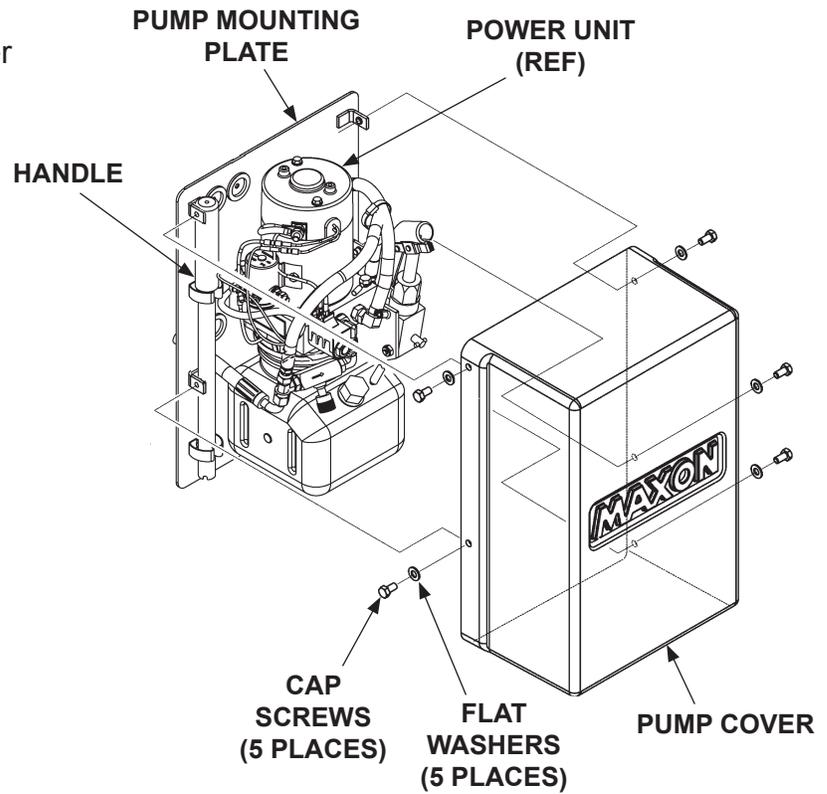
**ATTACHING DECAL**  
**FIG. 14-1**

20. Stow hand pump handle in the clips (FIG. 14-2).



**BOLTING ON PUMP COVER**  
**FIG. 14-2**

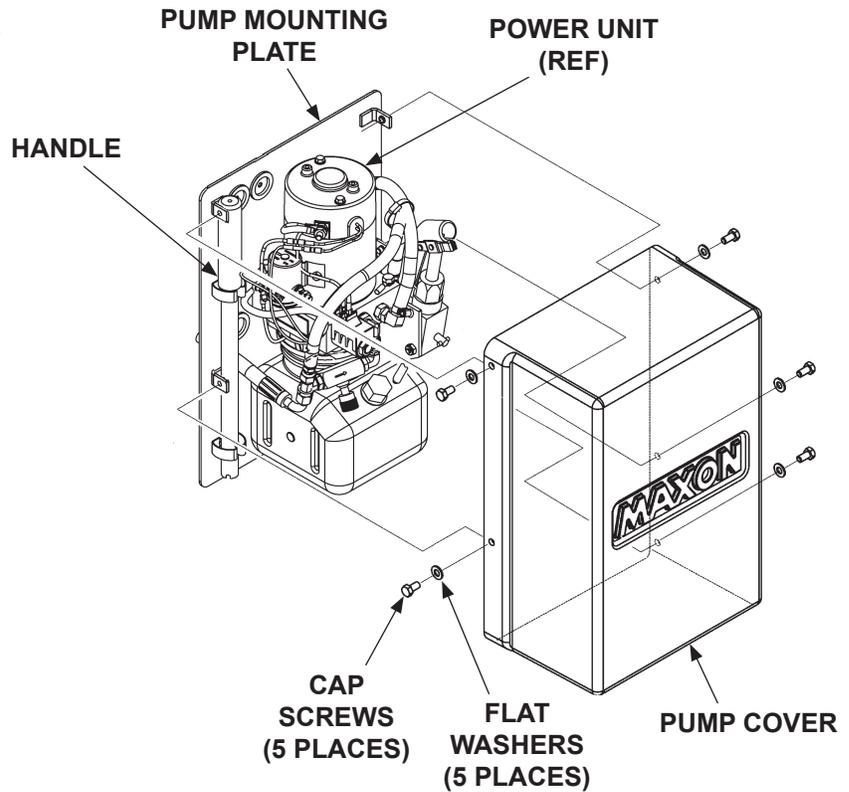
21. Reinstall pump cover (**FIG. 15-1**). Torque the 5/16"-18 cover bolts from **10 to 14 lb-ft.**



**BOLTING ON PUMP COVER**  
**FIG. 15-1**

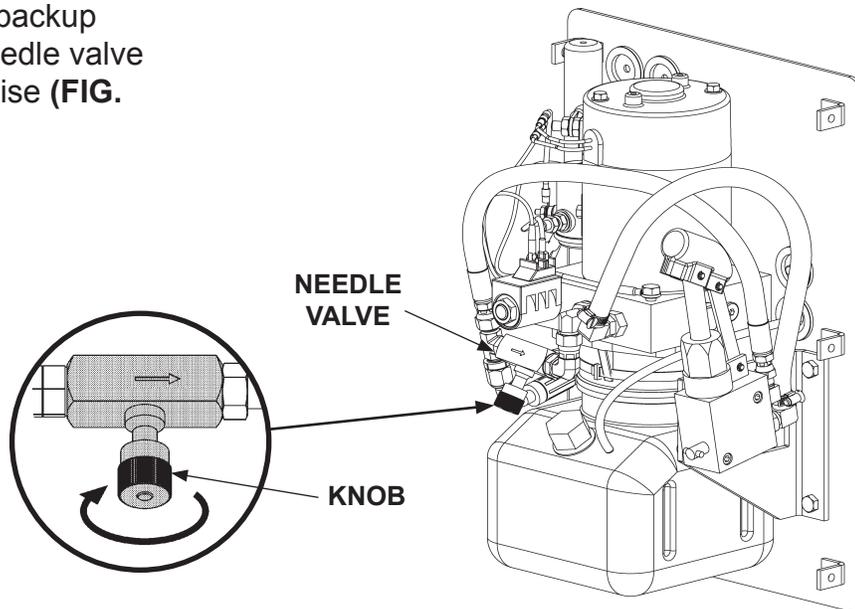
## GPT HAND PUMP OPERATION INSTRUCTIONS

1. Unbolt and remove pump cover (FIG. 16-1).



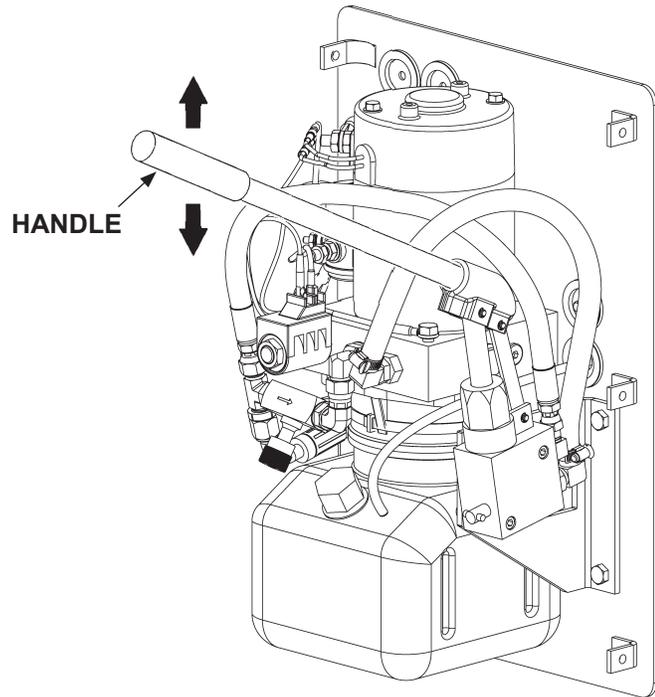
**UNBOLTING PUMP COVER**  
**FIG. 16-1**

2. To use hand pump for backup operation, close the needle valve by turning knob clockwise (FIG. 16-2).

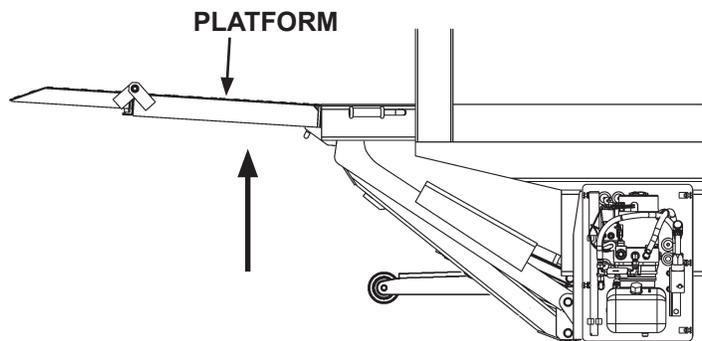


**CLOSING NEEDLE VALVE**  
**FIG. 16-2**

3. Use the handle to raise the platform  
(FIGS. 17-1 & 17-2).

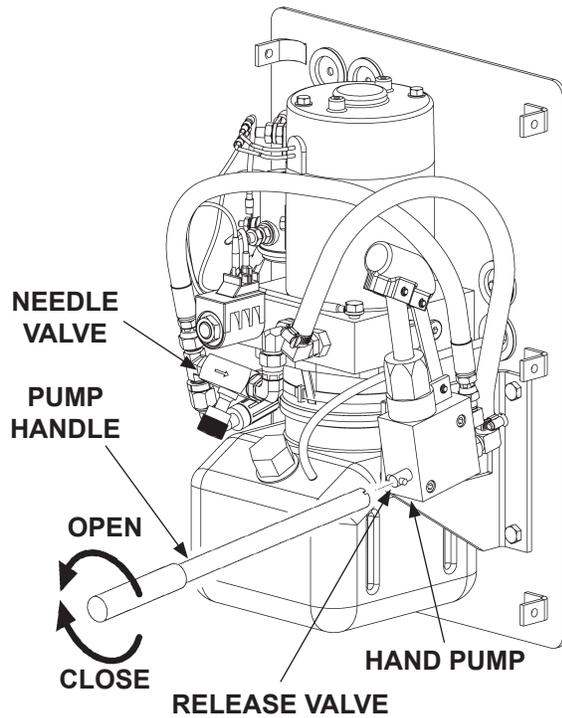


**USING HAND PUMP TO RAISE PLATFORM**  
**FIG. 17-1**

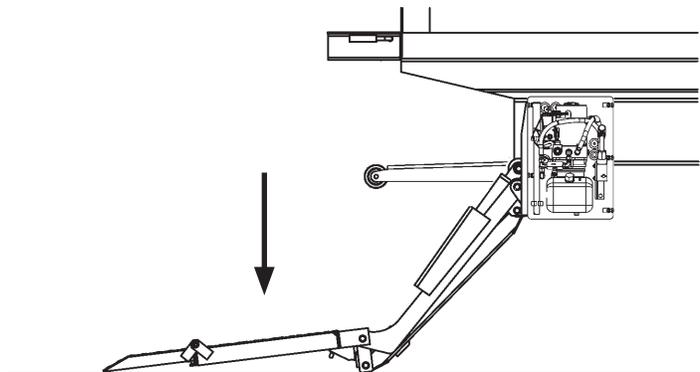


**RAISING PLATFORM**  
**FIG. 17-2**

4. Lower the platform by opening the hand pump release valve 1/2 turn counterclockwise with the pump handle (FIGS. 18-1 & 18-2). Close the release valve (FIG. 18-1) by turning clockwise to stop platform from lowering (FIG. 18-2).

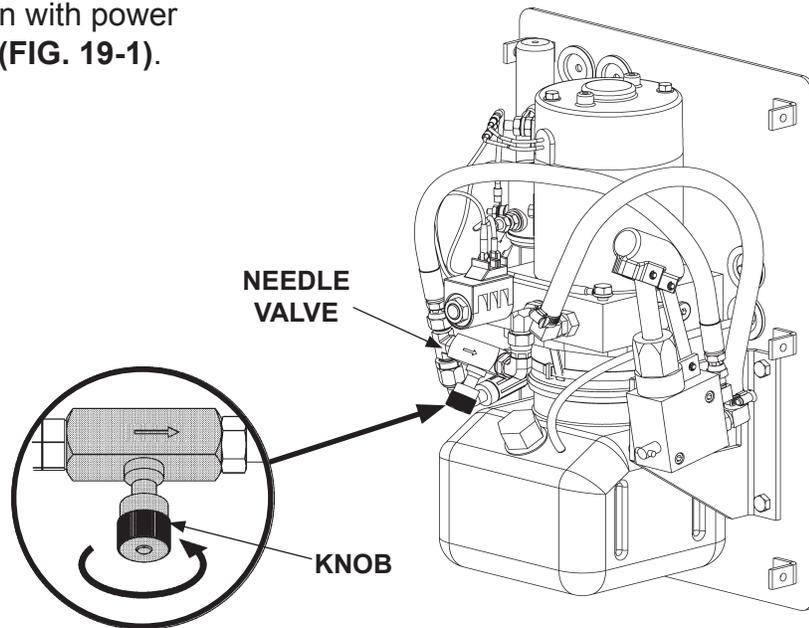


**OPENING RELEASE VALVE  
TO LOWER PLATFORM  
FIG. 18-1**



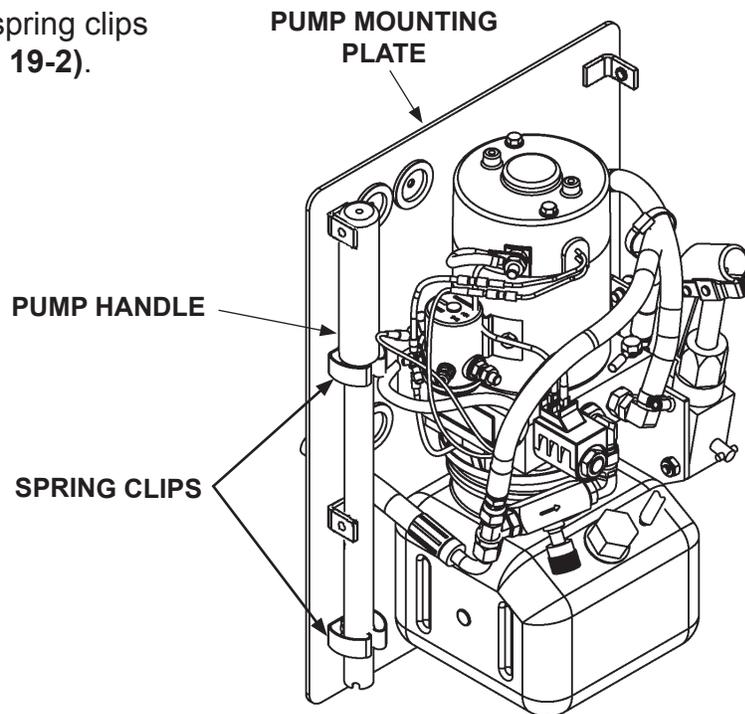
**LOWERING PLATFORM  
FIG. 18-2**

5. For normal Liftgate operation with power unit, open the needle valve (**FIG. 19-1**).



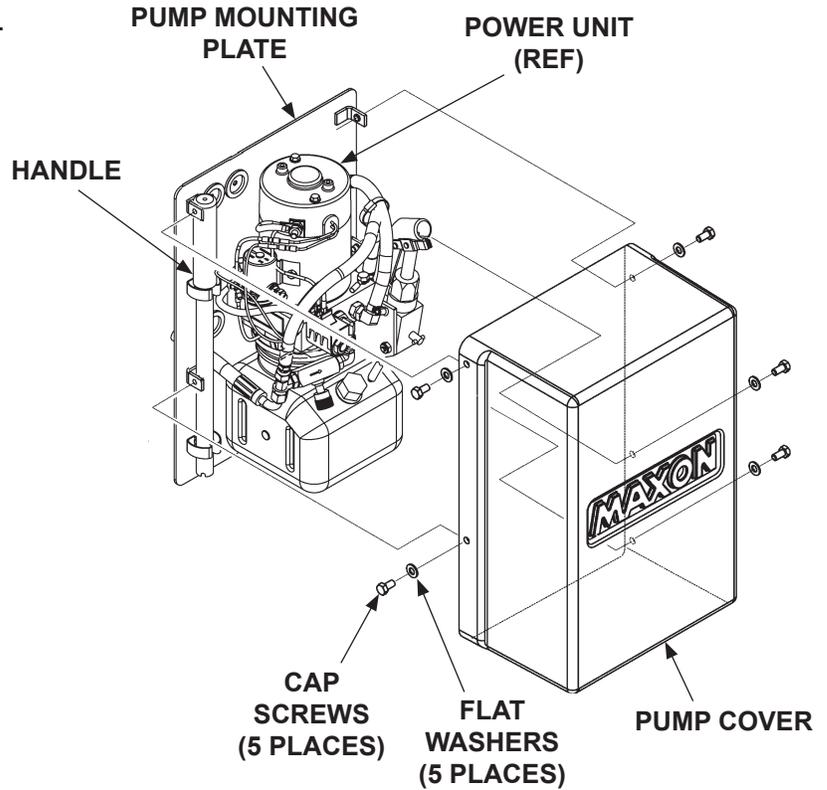
**OPENING NEEDLE VALVE FOR  
NORMAL OPERATION  
FIG. 19-1**

6. Stow the pump handle in the spring clips on pump mounting plate (**FIG. 19-2**).



**STOWING THE PUMP HANDLE  
FIG. 19-2**

7. Reinstall pump cover (FIG. 20-1).  
Torque the 5/16"-18 cover bolts  
from **10 to 14 lb-ft.**



**BOLTING ON PUMP COVER**  
**FIG. 20-1**