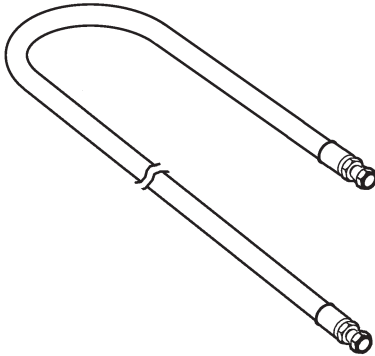
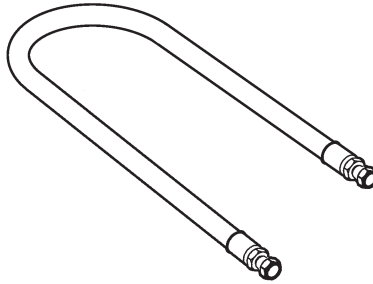
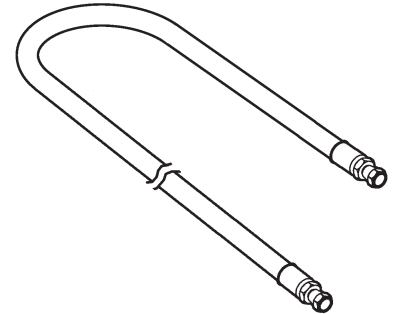


INSTRUCTION, GPT HOSE RETROFIT KIT**GPT Kit P/N 283358-01**

HP HOSE, 3/8" I.D. X 82" LG,
SAE #8 FACE SEAL O-RING
P/N 283357-01
QTY. 1



HP HOSE, 3/8" I.D. X 55" LG,
SAE #8 FACE SEAL O-RING
P/N 283357-02
QTY. 1



HP HOSE, 3/8" I.D. X 82" LG,
SAE #6 FACE SEAL O-RING
P/N 283359-01
QTY. 1



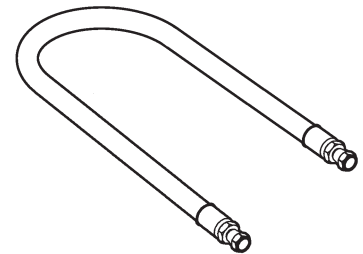
O-RING, #6
(3/8" FACE SEAL)
P/N 906712-02
QTY. 4



O-RING, #8
(1/2" FACE SEAL)
P/N 906712-03
QTY. 4



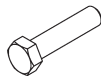
PLASTIC TIE, 7" LG.
P/N 205780
QTY. 22



HP HOSE, 3/8" I.D. X 54" LG,
SAE #6 FACE SEAL O-RING
P/N 283359-02
QTY. 1



PIN WELDMENT, LG.
P/N 228922
QTY. 2



BOLT, 3/8"-24 X 1-1/4" LG,
GRADE 8
P/N 030035
QTY. 2

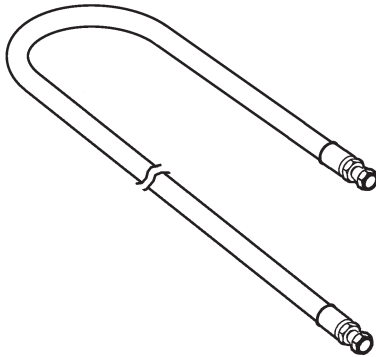


LOCK NUT, 3/8"-24,
THIN
P/N 226941
QTY. 2

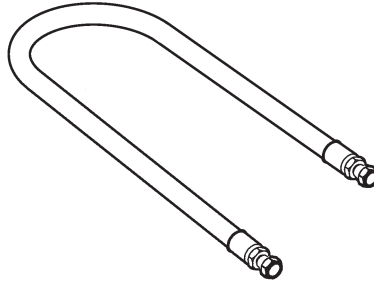


CLAMP, DUAL TUBE
P/N 262415
QTY. 2

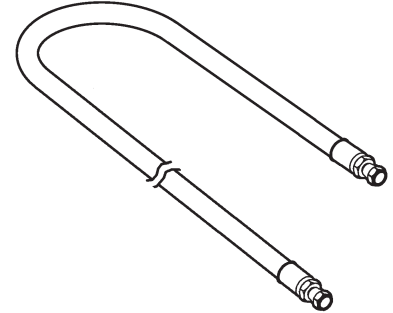
GPTWR Kit P/N 283358-02



HP HOSE, 3/8" I.D. X 82" LG,
SAE #8 FACE SEAL O-RING
P/N 283357-01
QTY. 1



HP HOSE, 3/8" I.D. X 55" LG,
SAE #8 FACE SEAL O-RING
P/N 283357-02
QTY. 1



HP HOSE, 3/8" I.D. X 82" LG,
SAE #6 FACE SEAL O-RING
P/N 283359-01
QTY. 1



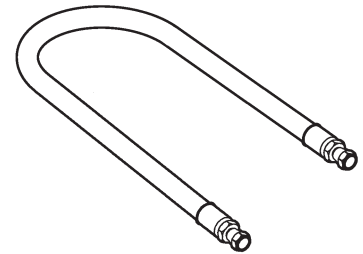
O-RING, #6
(3/8" FACE SEAL)
P/N 906712-02
QTY. 4



O-RING, #8
(1/2" FACE SEAL)
P/N 906712-03
QTY. 4



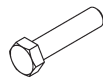
CONNECTOR, SAE #8 FS,
#6 O-RING, M-M
P/N 906762-01
QTY. 1



HP HOSE, 3/8" I.D. X 54" LG,
SAE #6 FACE SEAL O-RING
P/N 283359-02
QTY. 1



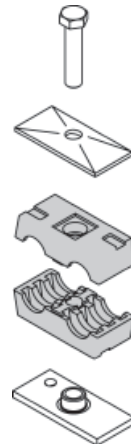
PIN WELDMENT, LG.
P/N 228922
QTY. 2



BOLT, 3/8"-24 X 1-1/4" LG,
GRADE 8
P/N 030035
QTY. 2



LOCK NUT, 3/8"-24,
THIN
P/N 226941
QTY. 2



CLAMP, DUAL TUBE
P/N 262415
QTY. 2



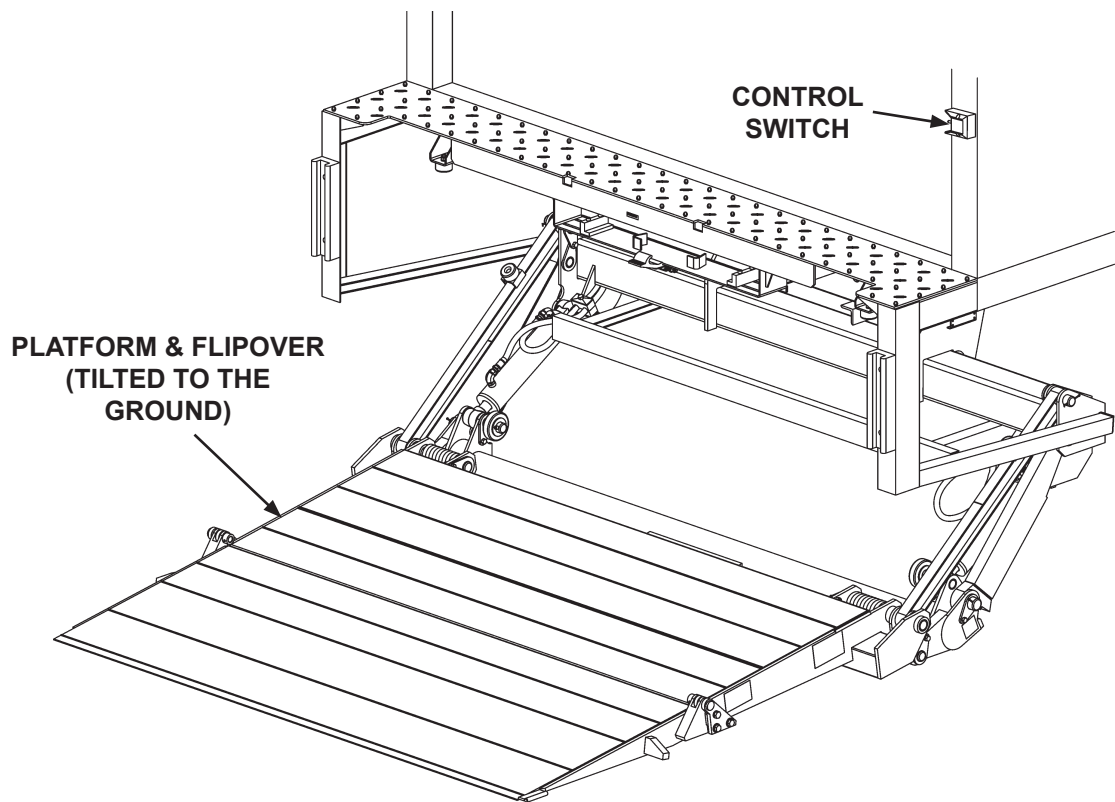
PLASTIC TIE, 7" LG.
P/N 205780
QTY. 22

⚠ CAUTION

To avoid personal injury and large fluid spills, ensure platform and flipover are resting on the ground and tilted down before opening high pressure hydraulic lines.

NOTE: Refer to GPT & GPTWR operation manuals for detailed operating instructions.

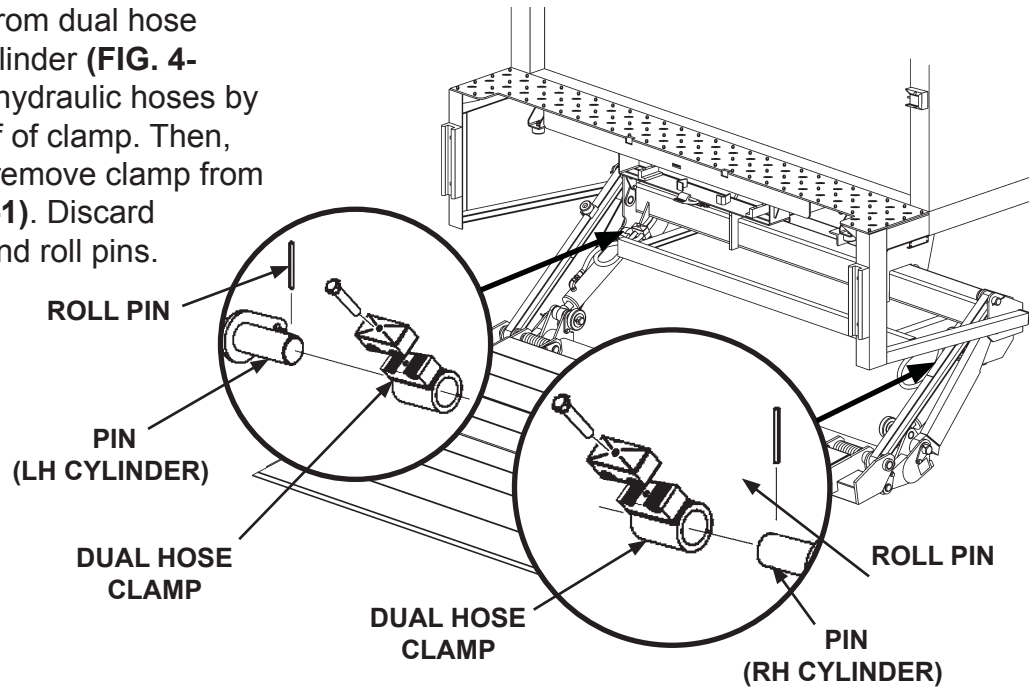
1. Lower platform until it rests on the ground. Then, unfold platform and flipover (**FIG. 3-1**). Use control switch to tilt the hinge end of platform and flipover to the ground.



GPTWR-3 WITH PLATFORM OPEN, TILTED DOWN & RESTING ON THE GROUND

FIG. 3-1

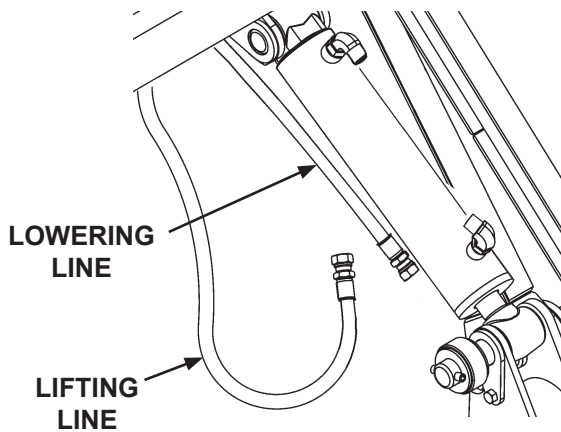
2. Unbolt steel cover from dual hose clamp on the RH cylinder (**FIG. 4-1**). Next, free the 2 hydraulic hoses by removing upper half of clamp. Then, drive out roll pin to remove clamp from cylinder pin (**FIG. 4-1**). Discard dual hose clamps and roll pins.



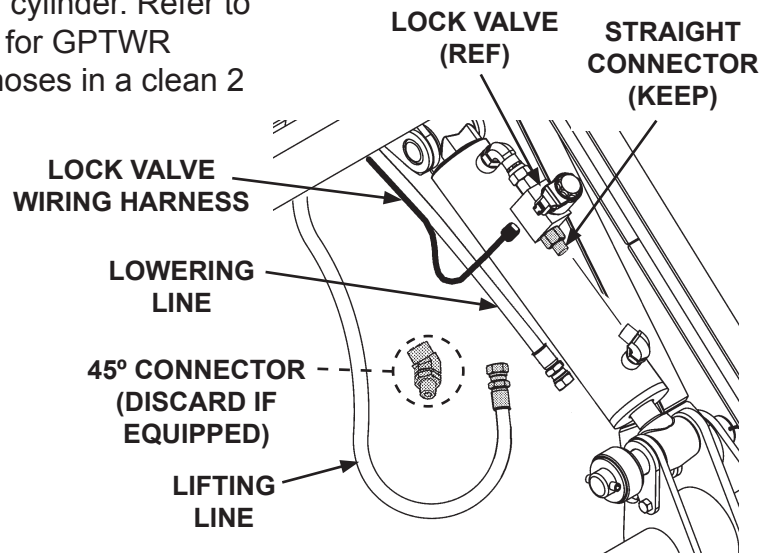
**REMOVING HOSE CLAMPS FROM
RH & LH CYLINDERS
FIG. 4-1**

NOTE: Some GPTWR liftgates have a lock valve with a 45° hose connector. Replace the 45° connector with straight connector from Kit.

3. Disconnect 2 hydraulic hoses from RH cylinder. Refer to **FIG. 4-2** for GPT Liftgate and **FIG. 4-3** for GPTWR Liftgate. Place the open ends of both hoses in a clean 2 gallon bucket. Allow hoses to drain.

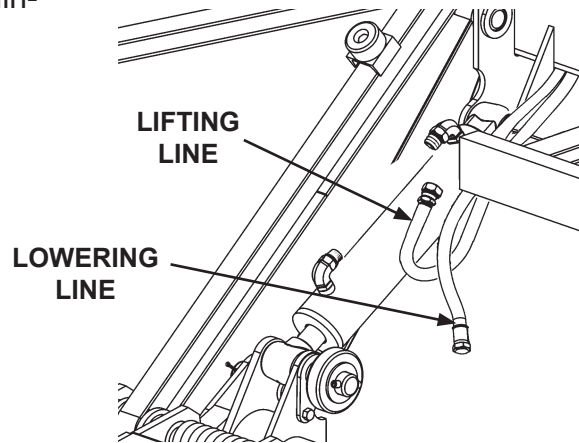


**DISCONNECTING HOSES FROM
RH CYLINDER (GPT SHOWN)
FIG. 4-2**



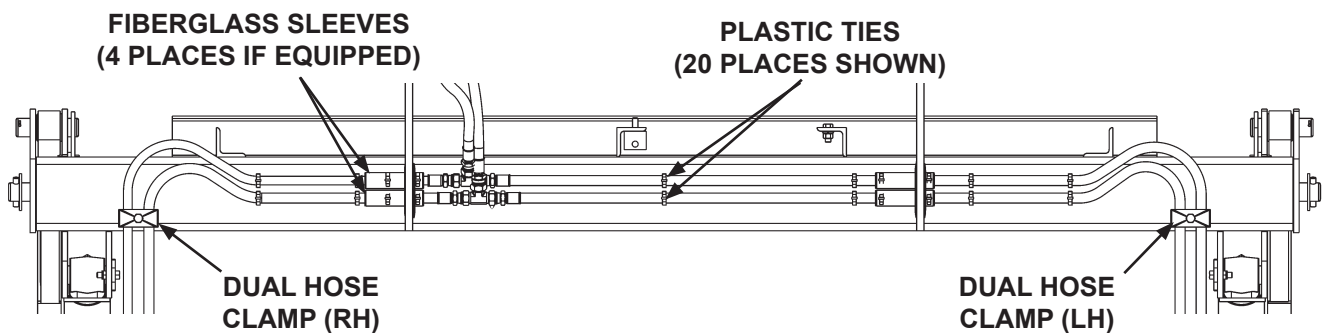
**DISCONNECTING HOSES FROM
RH CYLINDER (GPTWR-3 SHOWN)
FIG. 4-3**

4. Disconnect 2 hydraulic hoses from LH cylinder (FIG. 5-2).



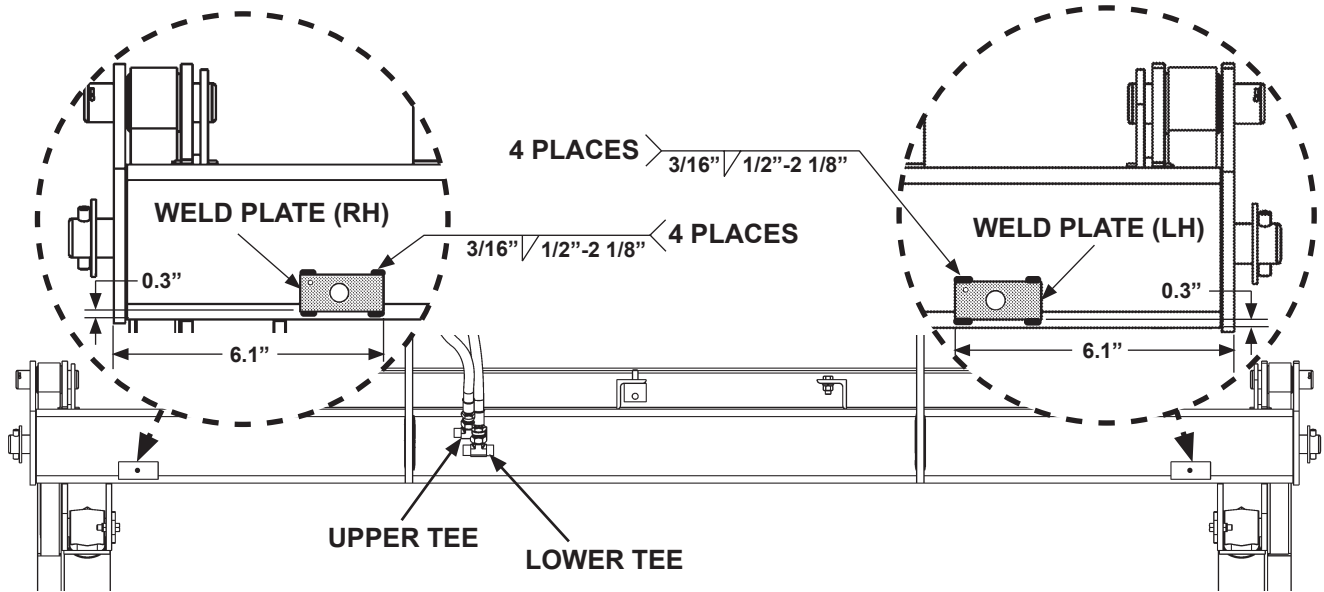
**DISCONNECTING HOSES FROM
LH CYLINDER (GPTWR-3 SHOWN)
FIG. 5-1**

5. Cut plastic ties that secure 2 hoses behind RH side and LH side of the main frame (FIG. 5-2). Next, unbolt steel cover from RH and LH dual hose clamps behind the main frame (FIG. 5-2). Then, free the 2 hydraulic hoses by removing upper half of clamp. Discard the old steel covers, bolts, and clamp halves.



**REMOVING HOSE CLAMPS & PLASTIC TIES
BEHIND MAIN FRAME (GPTWR-3 SHOWN)
FIG. 5-2**

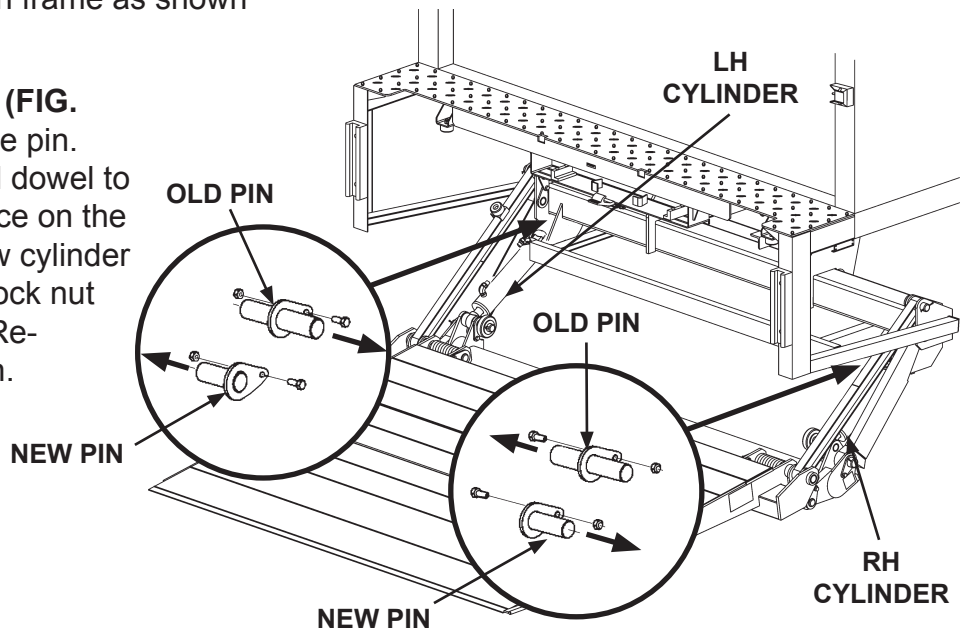
6. Disconnect 4 hydraulic hoses from upper tee and lower tee behind the main frame (**FIG. 6-1**). Remove the 4 hydraulic hoses. Save the 4 fiberglass sleeves if desired.



HOSE CLAMPS & PLASTIC TIES REMOVED FROM MAIN FRAME (GPTWR-3 SHOWN)
FIG. 6-1

7. If the weld plates for old dual hose clamps are not usable, weld the plates from the new clamps to the main frame as shown in **FIG. 6-1**.

8. Unbolt RH cylinder pin (**FIG. 6-2**). Then, drive out the pin. If available, use a steel dowel to hold the cylinder in place on the main frame. Bolt in new cylinder pin with new bolt and lock nut (Kit items) (**FIG. 6-2**). Repeat for LH cylinder pin.



REPLACING OLD CYLINDER PINS (GPTWR-3 SHOWN)
FIG. 6-2

⚠ CAUTION

Always route hydraulic hoses clear of sharp edges & moving parts, including optional ICC-type of bumper. Avoid making sharp bends in hoses or twisting the hoses. Ensure the hoses do not touch each other when Liftgate is being operated or is stowed. Attach hoses securely only at the connectors and tie points.

NOTE: When connecting the new hoses, ensure face seal o-rings are in place on hoses and fittings. Replace O-rings (kit items) if missing.

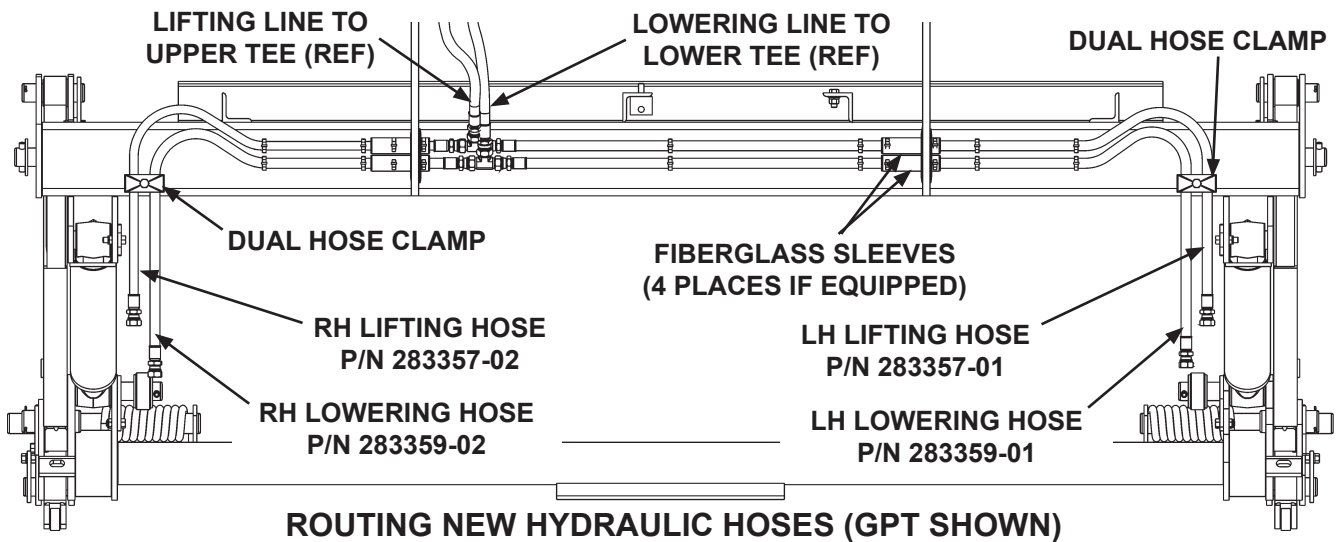


FIG. 7-1

- Refer to **FIG. 7-1** for GPT Liftgates and **FIG. 7-2** for GPTWR-3 Liftgates. Route 4 new hydraulic hoses (Kit items) on the main frame as shown in **FIGS. 7-1 and 7-2**. Next, connect each hose to correct to tee. Then, loosely bolt on dual hose clamps (Kit items).

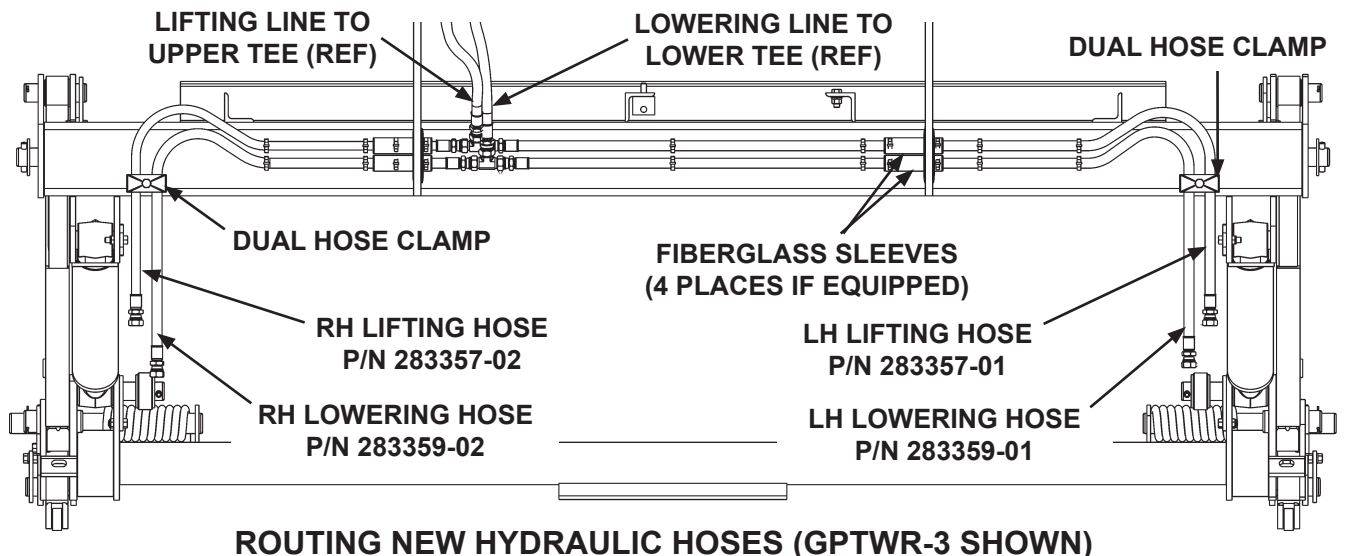
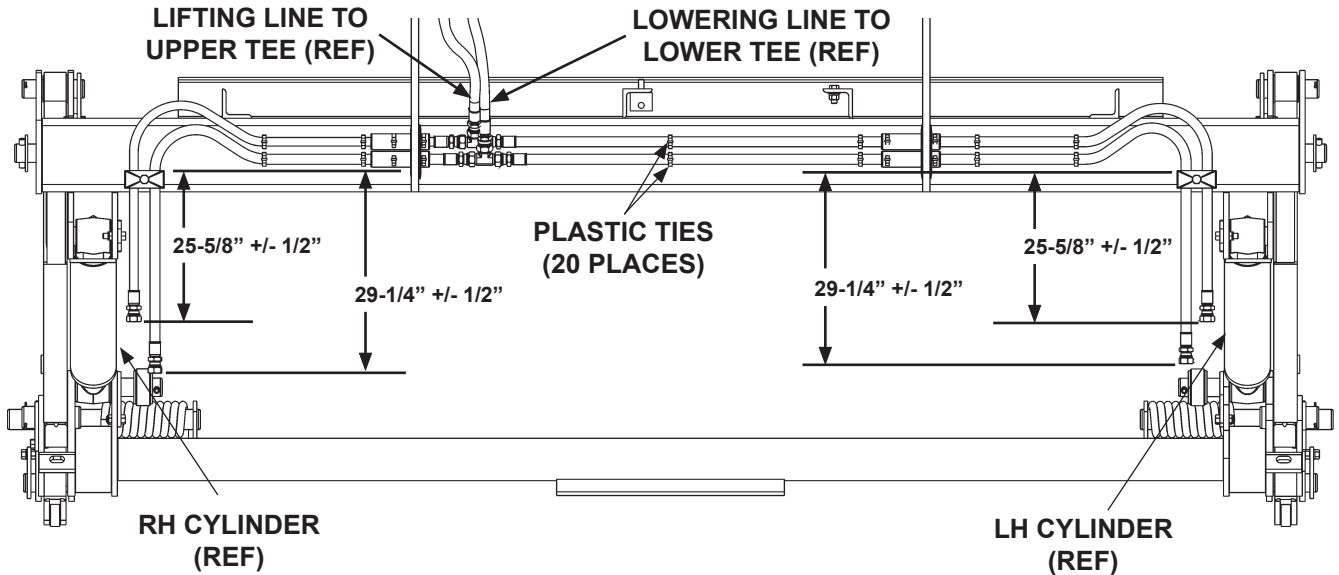
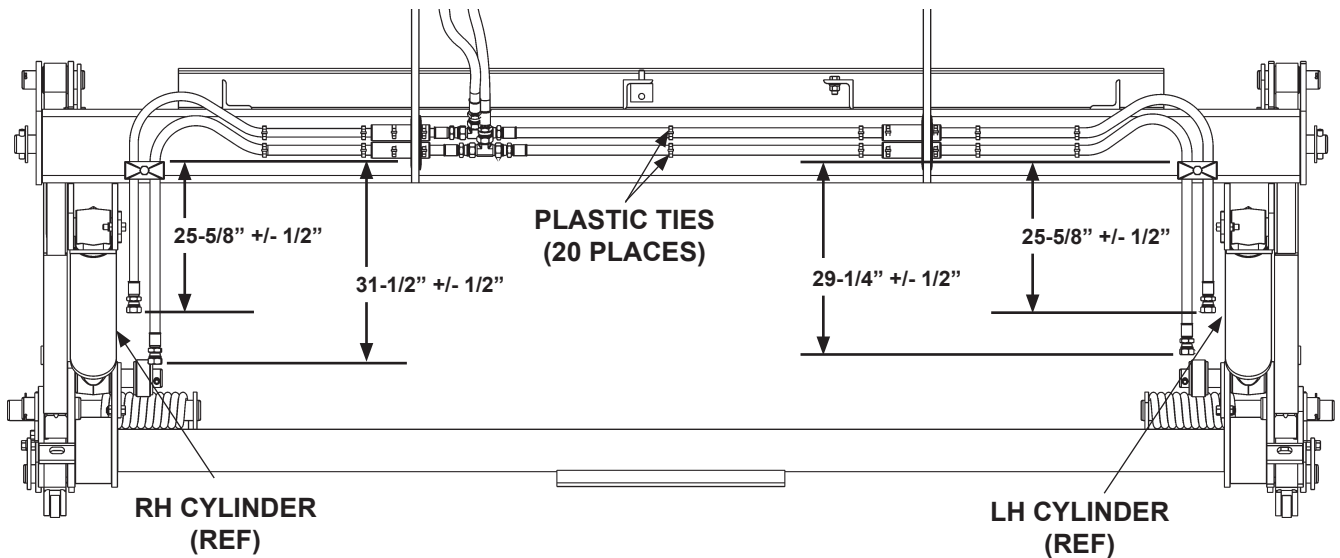


FIG. 7-2



POSITIONING NEW HYDRAULIC HOSES (GPT SHOWN)
FIG. 8-1

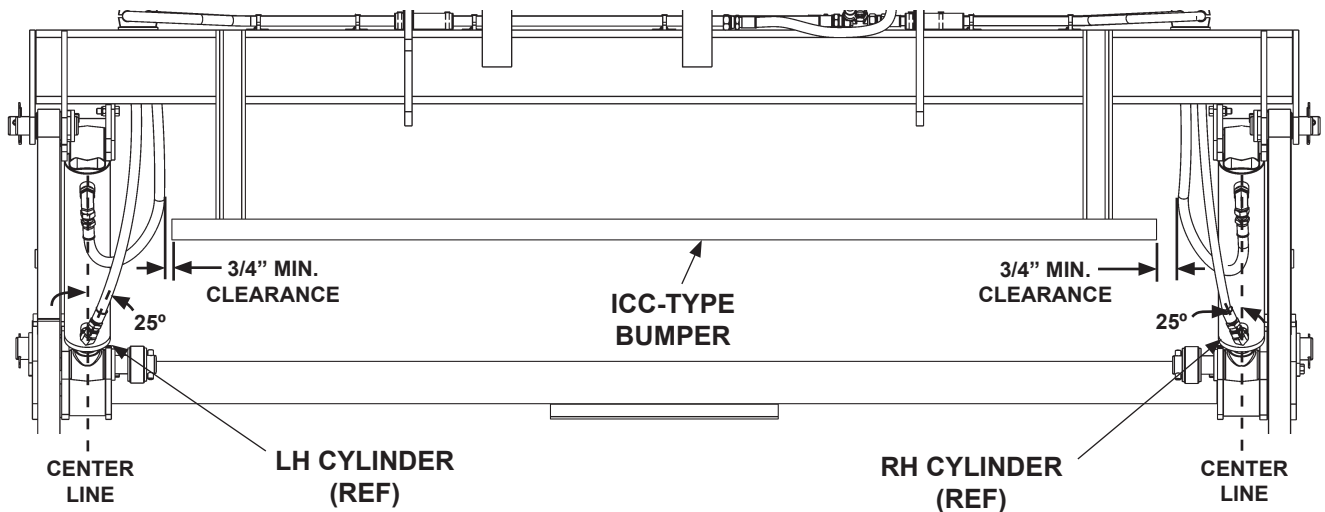
10. Refer to **FIG. 8-1** for GPT Liftgates and **FIG. 8-2** for GPTWR-3 Liftgates. Pull unconnected end of each hose straight and measure to top of dual hose clamp. Adjust the position with respect to the top of hose clamp and dimensions shown in **FIGS. 8-1** or **8-2**. Tighten hose clamp bolt to hold hose in position. Secure the 4 hoses to main frame with plastic ties (Kit item).



POSITIONING NEW HYDRAULIC HOSES (GPTWR-3 SHOWN)
FIG. 8-2

NOTE: When tightening hose connections, hold the clearances shown in the illustrations to prevent the hoses from touching, twisting, and hitting the ICC-type bumper (if equipped)..

NOTE: When connecting the new hoses, ensure face seal o-rings are in place.

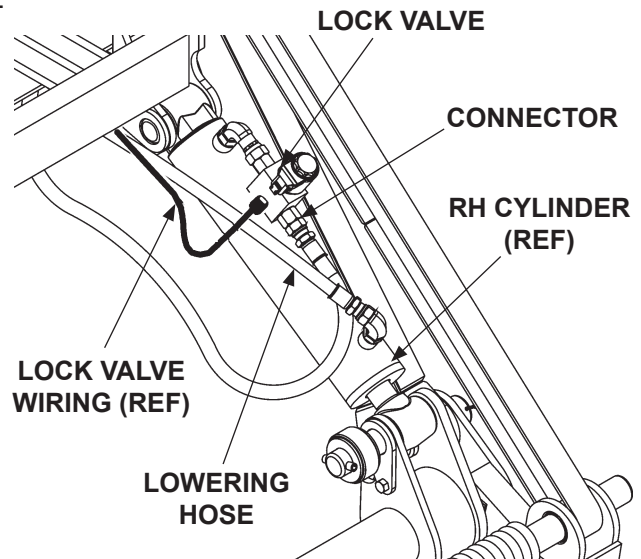


CONNECTING NEW HYDRAULIC HOSES TO CYLINDERS (GPT SHOWN)

FIG. 9-1

11. Connect hydraulic hoses to RH and LH cylinders as shown in **FIGS. 9-1 and 9-2**.

Position the 2 elbows on each cylinder as shown and tighten securely. Then connect the 4 hydraulic hoses. For the RH cylinder on GPTWR-3 Liftgates, connect the lifting hose and connector (Kit item) to hydraulic lock valve (**FIG. 9-2**). Hold the clearances shown in the illustrations to prevent the hoses from touching, twisting, and hitting the ICC-type bumper (if equipped).



12. For GPTWR-3 Liftgates, reconnect wiring harness to coil on hydraulic lock valve (**FIG. 9-2**). Then, secure wiring harness to lowering hose with plastic ties.

CONNECTING NEW HYDRAULIC HOSES TO RH CYLINDER & RECONNECTING LOCK VALVE WIRING (GPTWR-3 ONLY)

FIG. 9-2

13. Check hoses again to ensure connections are tight and there is no twisting or interference. Then, ensure clamp bolts and plastic ties are tightened securely.
14. Bleed the air from hydraulic system. Then, with the platform on the ground, use the following steps to check the level of hydraulic fluid in the pump reservoir.

NOTE: Use correct grade of hydraulic fluid for your location.

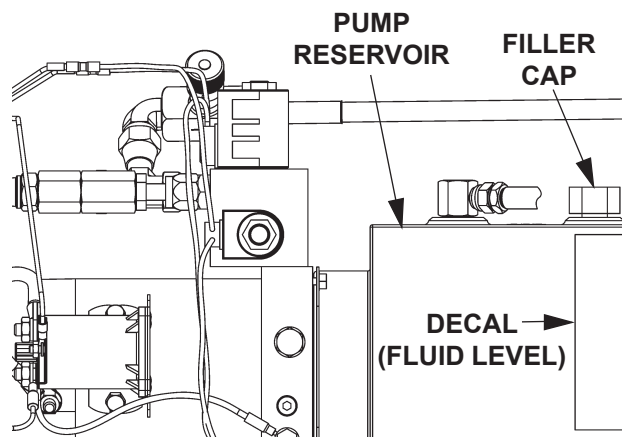
+50 to +120 Degrees F - Grade ISO 32

Below + 70 Degrees F - Grade ISO 15 or MIL-H-5606

See **TABLES 11-1 & 11-2** for recommended brands.

15. Open pump cover. Then, remove the filler cap (**FIG. 10-1**).

16. Check the hydraulic fluid level in the pump reservoir (**FIG. 10-1**). If fluid is below **FILL LEVEL** shown on decal on the pump reservoir (**FIG. 10-1**), add fluid to the **FILL LEVEL**.



CHECKING HYDRAULIC FLUID LEVEL
FIG. 10-1

NOTE: If the hydraulic fluid in the reservoir is contaminated, do the **CHANGING HYDRAULIC FLUID** procedure in maintenance manual.

17. Reinstall the filler cap (**FIG. 10-1**).

18. Close pump cover.

ISO 32 HYDRAULIC OIL	
RECOMMENDED BRANDS	PART NUMBER
AMSOIL	AWH-05
CHEVRON	HIPERSYN 32
KENDALL	GOLDEN MV
SHELL	TELLUS T-32
EXXON	UNIVIS N-32
MOBIL	DTE-13M, DTE-24, HYDRAULIC OIL-13

TABLE 11-1

ISO 15 OR MIL-H-5606 HYDRAULIC OIL	
RECOMMENDED BRANDS	PART NUMBER
AMSOIL	AWF-05
CHEVRON	FLUID A, AW-MV-15
KENDALL	GLACIAL BLU
SHELL	TELLUS T-15
EXXON	UNIVIS HVI-13
MOBIL	DTE-11M
ROSEMEAD	THS FLUID 17111

TABLE 11-2