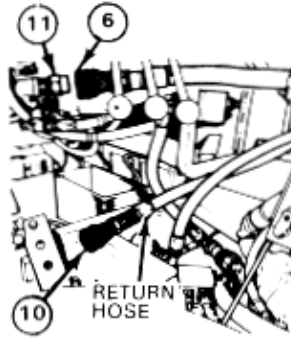


e. Disconnect slave hose female coupling half (6) from valve outlet coupling half (11).

f. Remove protective covering and connect return hose coupling half (10) to valve outlet coupling half (11).

g. Pull on return hose to make sure connection is locked.

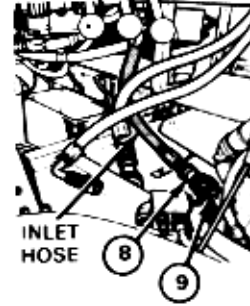
h. Wipe up any spilled hydraulic fluid.



e. Remove protective covering and connect inlet hose coupling half (8) to pump output coupling half (9).

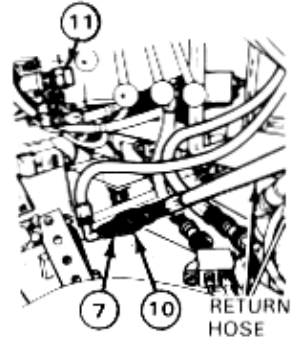
f. Pull on inlet hose to make sure connection is locked.

g. Wipe up any spilled hydraulic fluid.



8. On operating vehicle:

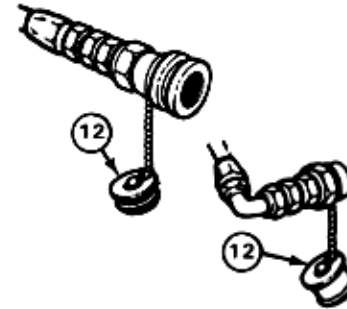
a. Disconnect slave hose male coupling half (7) from return hose coupling half (10).



9. Clean both slave hoses using solvent.

10. Dry hoses thoroughly.

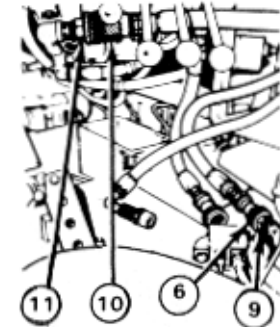
11. Install dust caps (12) on slave hoses.



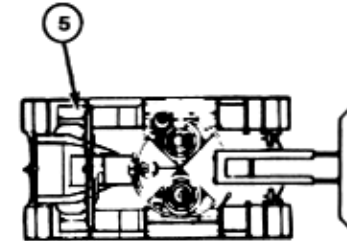
b. Remove protective covering and connect return hose coupling half (10) to valve outlet coupling half (11).

c. Pull on return hose to make sure connection is locked.

d. Disconnect slave hose female coupling half (6) from pump outlet male coupling half (9).



12. Stow a slave hose in the left rear fender stowage box (5) of each vehicle.



# HYDRAULIC SLAVING PROCEDURE FOR ARMORED VEHICLE LAUNCHED BRIDGE

IAW TM 5-5420-226-10

DISTRIBUTION RESTRICTION: Approved for public release; distribution us unlimited.

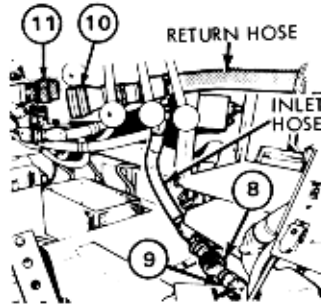
DISTRIBUTION: U.S. Army training and audio-visual support centers (TASCs).

HEADQUARTERS, DEPARTMENT OF THE ARMY

4. On operating vehicle.

a. Disconnect inlet hose coupling half (8) from pump output coupling half (9). Put protective covering on coupling half (8).

b. Disconnect return hose coupling half (10) from valve outlet coupling half (11). Put protective covering on coupling half (11).



c. Remove dust caps (12) from slave hoses.

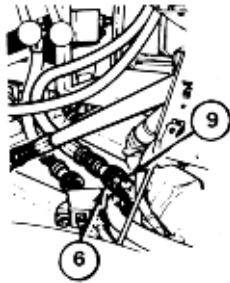
d. Push male coupling half (7) of slave hose into female coupling half (10) of return hose.

e. Pull on both hoses to make sure connection is locked.



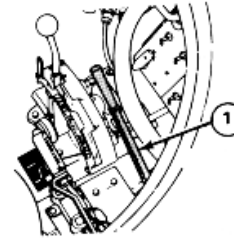
f. Push female coupling half (6) of slave hose on male coupling half (9) of pump outlet.

g. Pull on slave hose to make sure connection is locked.



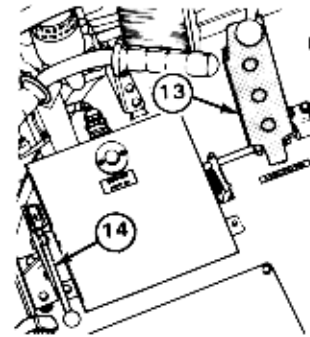
h. Start engine.

i. Pull up clutch lever (1).



j. Depress accelerator (13) until engine is running 1,800 rpm.

k. Raise accelerator lock lever (14).



5. Using hydraulic controls in non-operating vehicle, launch bridge or retrieve.

**NOTE:** Upon completion of launch or retrieve procedure, perform the following steps to disconnect vehicles.

6. On operating vehicle:

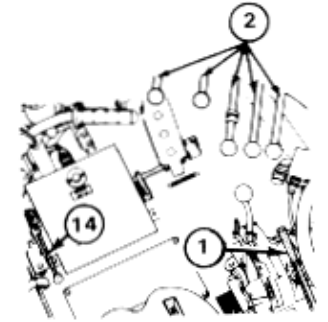
a. Push down accelerator lock lever (14).

b. Push down clutch lever (1).

c. Stop engine.

7. On non-operating vehicle:

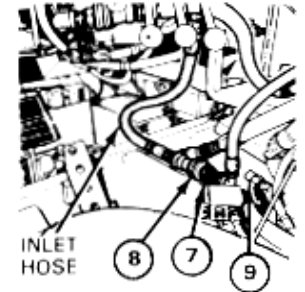
a. Push all hydraulic control levers (2) up and down three times to relieve pressure in system.



b. Disconnect slave hose male coupling half (7) from inlet hose coupling half (8).

c. Remove protective covering and connect inlet hose coupling half (8) to pump output coupling half (9).

d. Pull on inlet hose to make sure connection is locked.



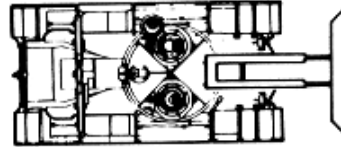
## SLAVING HYDRAULIC SYSTEM

1. On operating vehicle:
  - a. Start engine.

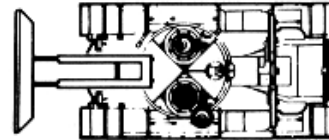
**WARNING**  
DO NOT ALLOW PERSONNEL BETWEEN OPERATING AND  
NON-OPERATING VEHICLES TO PREVENT POSSIBLE INJURY  
OR DEATH.

- b. Move operating vehicle next to non-operating vehicle. Preferred position is facing in opposite directions with commander's cupolas side-by-side.
  - c. Stop engine.

OPERATING VEHICLE



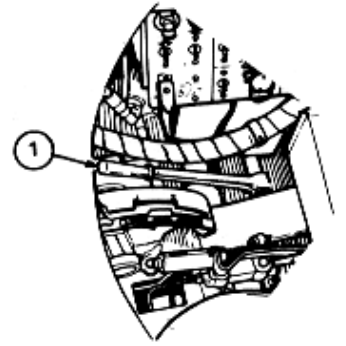
ON-OPERATING VEHICLE



1

2. On both vehicles:

- a. Set parking brakes.
  - b. Push down clutch lever (1).



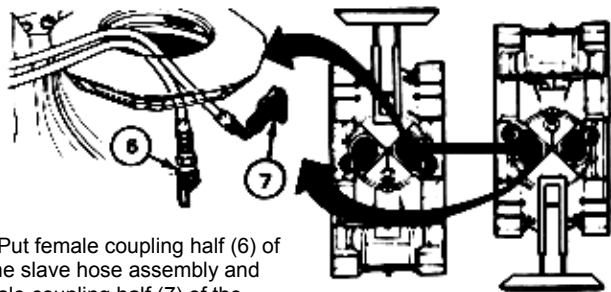
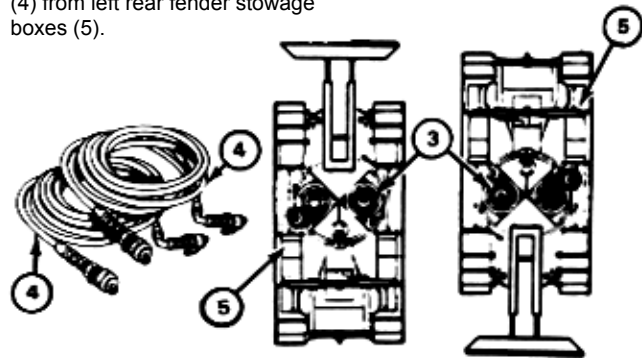
- c. Pull all hydraulic control levers (2) up and down three times to relieve pressure in system.



2

d. Open commander's hatches (3).

e. Remove slave hose assemblies (4) from left rear fender stowage boxes (5).



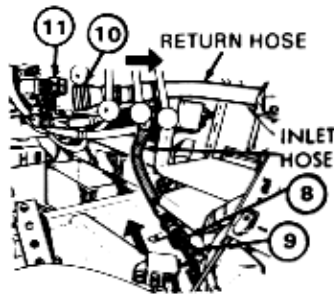
f. Put female coupling half (6) of one slave hose assembly and male coupling half (7) of the other slave hose assembly through commander's hatch of each vehicle.

**WARNING**  
WHEN CONNECTING OR DISCONNECTING THE QUICK-DISCONNECT COUPLINGS, COVER THEM WITH A RAG TO CONTROL SPRAY AND PREVENT INJURY TO CREW MEMBERS.

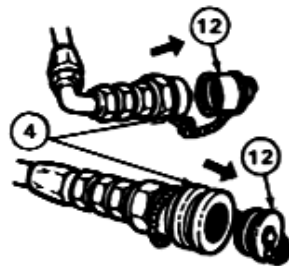
3. On non-operating vehicle:

a. Disconnect inlet hose coupling half (8) from pump output coupling half (9). Put protective covering on coupling half (9).

b. Disconnect return hose coupling half (10) from valve outlet coupling half (11). Put protective covering on coupling half (10).



c. Remove dust caps (12) from slave hoses (4).



**WARNING**  
MAKE SURE FEMALE COUPLING HALF (6) IS POINTING AWAY FROM PERSONNEL WHEN RELIEVING PRESSURE. HYDRAULIC FLUID SPRAY COULD CAUSE SERIOUS INJURY.

**NOTE:** If pressure in slave hoses prevents locking quick-disconnects, relieve pressure by performing steps d and e. If quick-disconnects lock properly, omit steps d and e.

d. Insert socket extension into female coupling half (6).

e. Push back plunger inside female coupling half (6) to bleed excess hydraulic pressure.

f. Push male coupling half (7) of slave hose into inlet hose coupling half (8).

g. Pull on inlet hose and slave hose to make sure connection is locked.

h. On slave hose (4), pull back and hold female coupling half (6).

i. Push female coupling half (6) onto valve outlet coupling half (11).

j. Pull on slave hose (4) to make sure connection is locked.

