

**SMC 2491 & 2409  
LOADER HOSE KIT INSTRUCTIONS**

TRACTOR MODEL	2WD	4WD	LESS CAB	WITH CAB
M-F 1160, 1180, 1190		X	X	
CASE-IH 595, 695, 895	X		X	
CASE-IH 4210, 4250	X		X	
KUBOTA L3600, L3750		X	X	
L4150, L4200		X	X	
L4350, L4850, L5450		X	X	

Hose kit can be installed using tools ordinarily available. Shut off engine and engage brakes during installation. Case IH tractors must be equipped with auxilliary valve 5087909 (obtain from dealer).

**IMPORTANT:** Check for proper valve operation before plumbing loader to tractor. Refer to valve instruction sheet for instructions.

**NOTE:** Case IH Tractors - Auxilliary valve 5087909 is preset at factory to 1700 PSI. Valve relief must be adjusted to attain maximum tractor hydraulic pressure. Turn adjusting screw to maximum setting. Refer to valve instruction sheet for instructions on adjusting relief setting.

**PLUMBING LOADER TO TRACTOR REMOTE VALVE (Figure 1)**

1. Install 3/8 x 150" hoses (1) to boom oil line tubes, starting at the bottom and working up. Loosening the first oil line clamp will ease installation.
2. Install male quick couplers (not supplied) to loose ends of hoses (1) and plug couplers into tractor valve couplers.

**NOTE:** When plugging couplers into tractor valve couplers, be sure to connect hoses from the upper two boom oil lines to tractor remote couplers controlled by the valve which controls bucket rotation. Hoses from lower two boom oil lines should be connected to the tractor remote couplers controlled by the valve which raises and lowers the boom.

3. Bundle hoses together with one adjustable tie strap (2) and use remaining tie straps (2) to secure hoses to tractor.
4. After all plumbing is completed, start tractor engine and slowly cycle lift and bucket cylinders several times to free the system of air, then retract cylinders and stop engine. Add additional hydraulic oil, as specified in the tractor operator's manual, to bring the oil up to full.

**NOTE:** When cycling the loader, operate the lever according to the function desired. If direction of control lever is wrong, exchange the quick couplers at the remote couplers controlled by that valve lever.

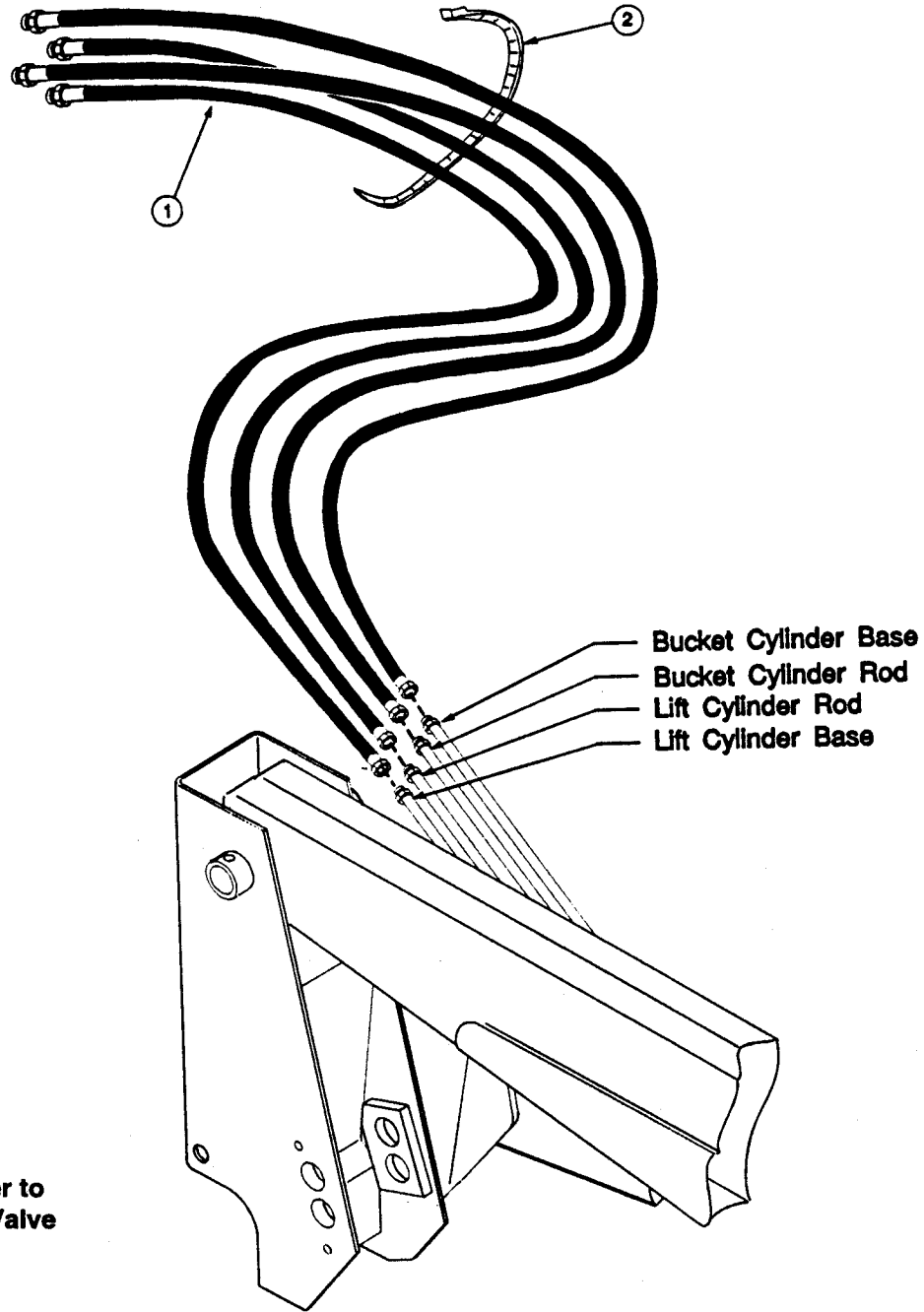


**WARNING:** Escaping hydraulic fluid under pressure can penetrate skin causing serious injury.

- DO NOT use your hands to check for leaks. Use a piece of cardboard or paper to search for leaks.
- Stop engine and relieve pressure before connecting or disconnecting lines.
- Tighten all connections before starting engine or pressurizing lines.

If any fluid is injected into skin, obtain medical attention immediately or gangrene may result.

**BUNDLE 2-6245**



**Figure 1  
Plumbing Loader to  
Tractor Remote Valve**

**PARTS LIST - HOSE KIT**

ITEM	PART NO.	DESCRIPTION	QTY.
1	35623-1	HOSE, (3/4 JIC x 1/2 NPT) 3/8 x 150"	4
2	8137-1	STRAP, Adjustable Tie	3