

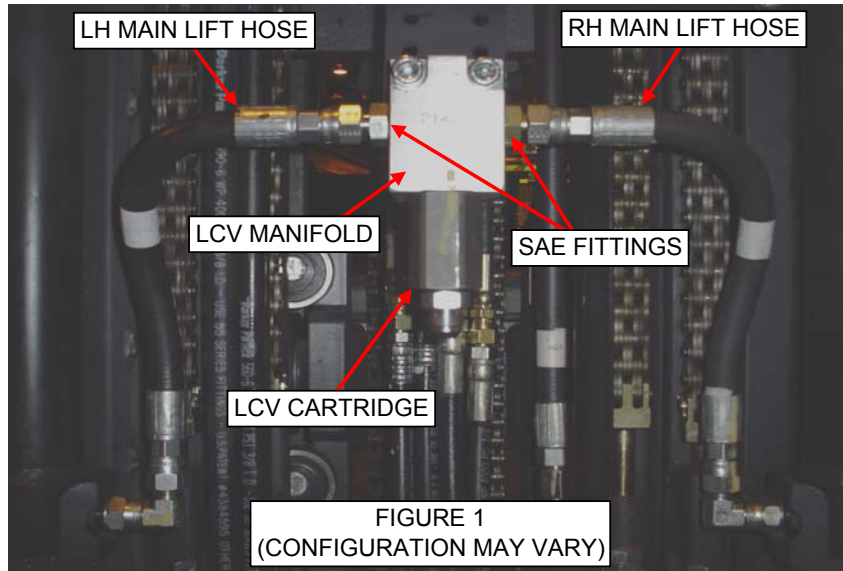
# Installation Instructions

## Slack Chain Combination Valve Installation Instructions



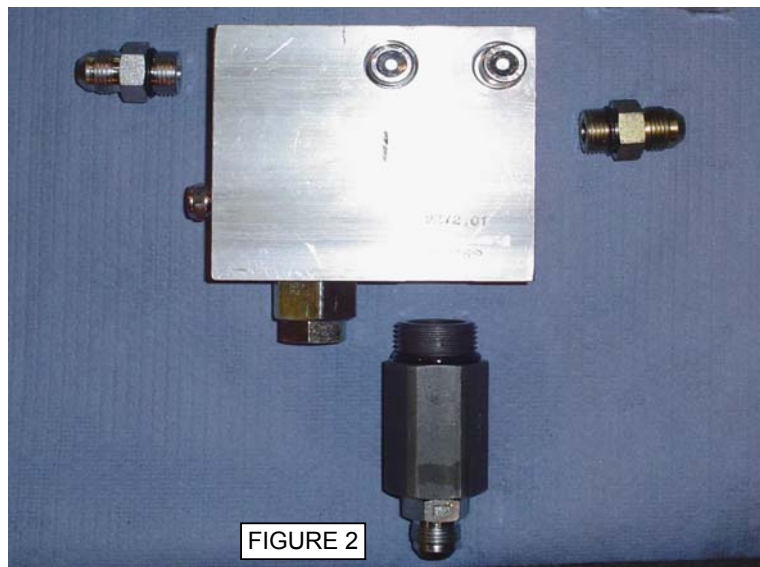
### I. REMOVAL OF EXISTING LOWERING CONTROL VALVE (LCV) ASSEMBLY.

1. Lower the mast and carriage until lift cylinders are fully collapsed.
2. Disconnect truck hose from mast LCV and drain hydraulic fluid.
3. Remove cartridge from LCV manifold.
4. Disconnect LH and RH main lift hoses from LCV fittings (do not disconnect from cylinders).
5. Remove SAE adaptor fittings from LCV manifold.
6. Remove bolts, lock washers, and LCV manifold from bracket.



### II. SLACK CHAIN COMBINATION VALVE SUB-ASSEMBLY.

1. Install SAE adaptors and cartridge into combo valve manifold as shown in figure 2.
2. Torque SAE fittings to 40 ft/lbs (55 N•m).
3. Torque cartridge to 55 ft/lbs (75 N•m)



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### III. SLACK CHAIN COMBINATION VALVE INSTALLATION.

1. Install combo valve using bolts and lock washers removed previously.
2. Torque bolts to 30 ft/lbs (41 N•m).
3. Connect left and right main lift hoses to adaptor fittings and torque to 43 ft/lbs (58 N•m).  
Note: It may be necessary to move the combo valve to a lower mounting position to allow for proper installation of the LH main lift hose.
4. Reconnect truck hose to mast and inspect for leaks.

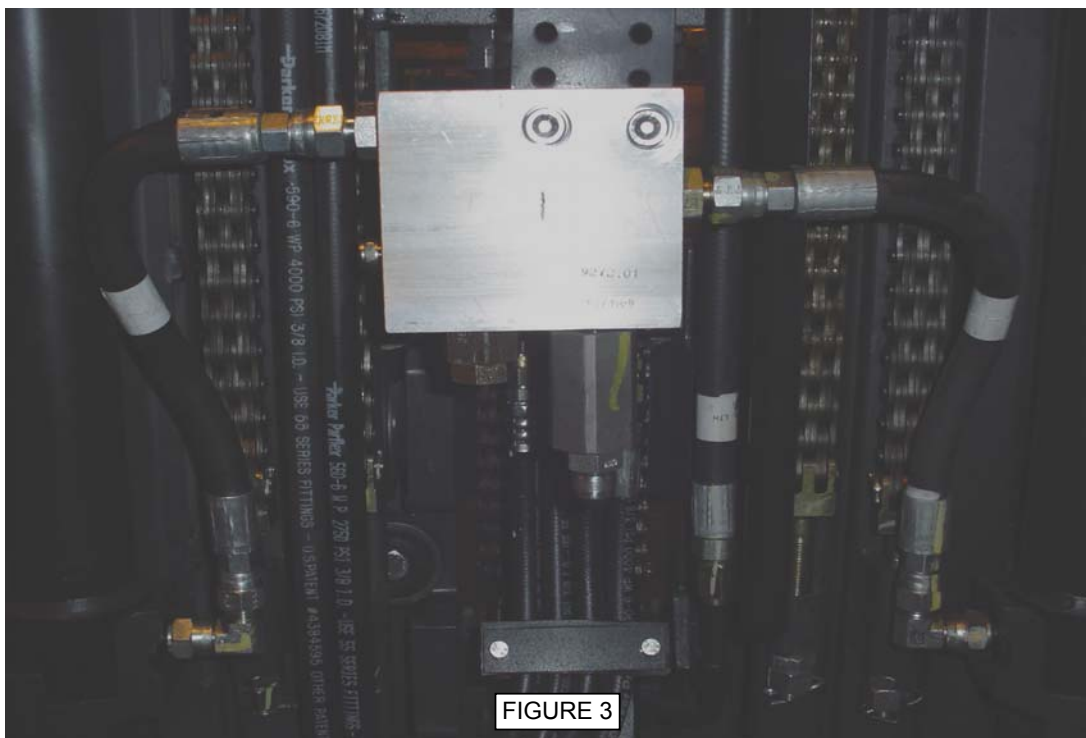


FIGURE 3

#### For Technical Support or to Order Parts....

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