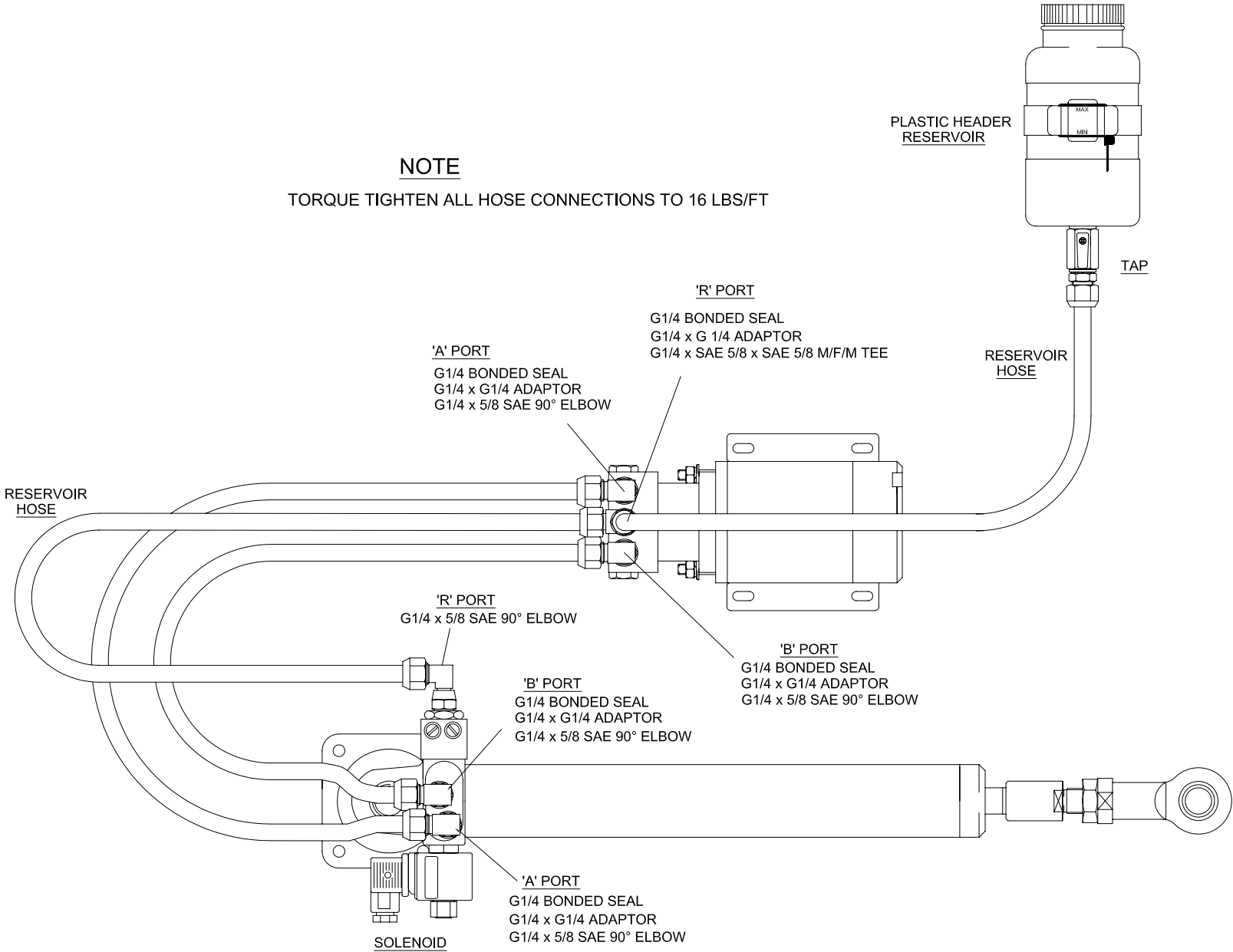


HS40 & HS50  
INSTALLATION INSTRUCTIONS

NOTE

TORQUE TIGHTEN ALL HOSE CONNECTIONS TO 16 LBS/FT



### **Preparation**

Ensure the hydraulic oil to be used is of the correct type. - Refer installation guide or pump label.

Ensure that the oil and any storage containers are clean and free of contamination.

The plastic header reservoir needs to be mounted as far above the pump and cylinder as the pipe-work will allow.

### **Procedure**

Open the tap under the reservoir, if fitted.

Push the cylinder piston rod in so that it is fully retracted.

Fill the reservoir then slacken, but do not disconnect, the reservoir hoses from the cylinders. Re-tighten once oil emerges from the fittings.

Run the pump (if it is a constant running pump energise either of its solenoids) in order to direct pump flow to the cylinder ports.

Energise the cylinder solenoid and slowly pull the piston rod out until it is extended. Observe the oil level in the reservoir and top up as necessary - Note that the oil level will rise when the rod is retracted and may overflow. Fully retract the rod, again observing the oil level in the reservoir and topping up as needed. Repeat until no more air can be seen to be rising into the reservoir and the pump takes over. De-energise the solenoid.

To complete the bleeding, energise the cylinder solenoid and run the pump in either direction to extend and retract the piston rod. Note that the cylinder may need manually assisting at first to purge any remaining air in the system.

Top up the reservoir if necessary to the level indicated.