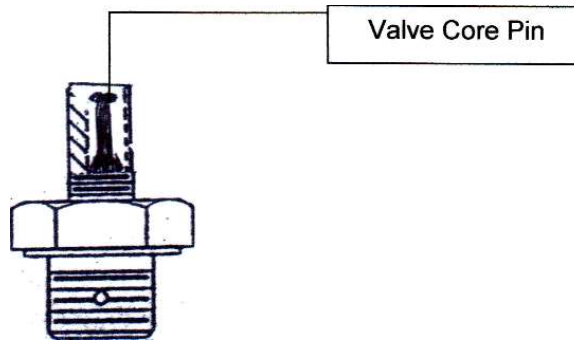


**Operating Instructions for Tank Valves with Core**  
**Such as AN812, AVT300, AVT500, AVT700, SAE #3, and SAE #5**

1. The valve should be installed into the appropriate female boss, with an installation torque of 150 inch lbs + 10 inch lbs - 0" using a calibrated torque wrench.



**Never exceed pressure rating of the valve. This valve is rated for 2,000 PSI. All component parts used in the system to charge the valve must also be rated to be able to withstand the rated pressure or working pressure of the valve.**

### Operation

1. Remove the cap from the valve and attach the air chuck to the valve. The air chuck should be connected to the source of the gas. Start the flow from the charging gas source to the valve. (Note: There shouldn't be any gas leakage from the connections at the source of the gas or the air container).
2. During charging some leakage may occur from the air chuck connection between the chuck and the valve stem. This condition is acceptable if the leakage is not extreme.
3. When the unit being charged reaches the desired pressure, stop the flow of the gas from its source and remove the air chuck or connection to the valve stem and replace the safety cap on the valve using **5 to 10 inch lbs.**

Failure to follow the safety measures in connection and operation of the valve can cause serious injury or death.