



Elevator Equipment Corporation

CB-001

TJR & TJ3 Holeless Telescopic Jack Installation Procedures

1) Carefully remove the outer protective cardboard from the jack but leave the inner protective cardboards in place.

2) While jack is still in the horizontal position locate and remove the brass bleeders that are in the plastic pouch. Remove the pipe plugs from the jack inlet and the stationary (lowest) head and install the brass bleeders. (See Illustration 1.1 & 1.2)

CAUTION: Jack contains oil that may be under low pressure.

3) Locate, plumb and install the jack in the hoistway.

4) Connect oil feed line and remove the shipping bracket from top of piston (See Illustration 1.3). When two jacks are used the oil inlet feed pipe should be divided into equal sections to prevent an unbalance flow to the jacks.

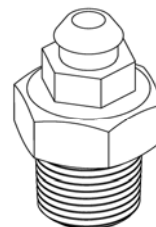
5) **IMPORTANT:** It is necessary to bleed the air from the jack through the use of the brass bleeder on each head including the stationary head.

6) Adjust the relief valve of the control valve so the system is pressurized without lifting the car (approximately 25 to 50 psi.).

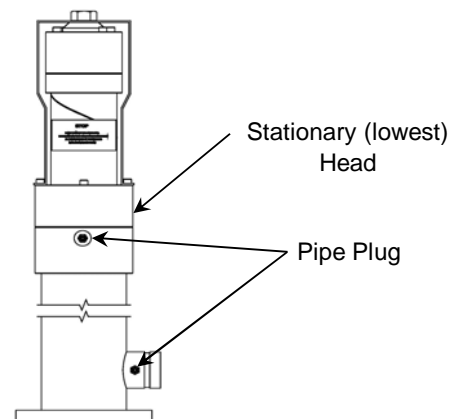
Note: The upper section(s) of the jack is (are) filled with high lubricity oil for ease of installation and operation.

7) Open the bleeder starting at the upper head.

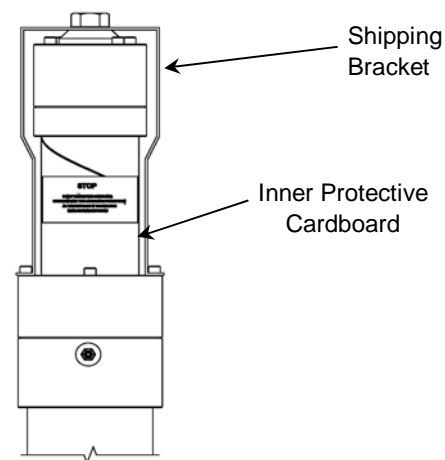
8) Run the pump until all air is bled from the jack. Close bleeder to prevent unnecessary oil loss.



1.1 - Brass Bleeder



1.2 - Pipe plug that is replaced with the brass bleeder.



1.3 - Inner protective cardboard and shipping bracket.



9) Repeat steps 7 & 8 for each head.

10) Repeat steps 5 - 9 for each jack

11) Reset the Control Valve relief valve.

12) Jog pump motor to pressurize the system and move the pistons just a few inches. Remove the inner cardboards from the jack. Make sure that the anti-rust wax paper and grease are removed from the piston. (See Illustration 1.3)

13) Raise the jacks to approximately half the travel to ensure the pistons stay plumb.

14) Once the jack installation is complete, run the elevator at the inspection speed to ensure a smooth operation with no binding and interfering of components.

If a follower guide is required, use the supplied Follower Guide Installation Procedures.