



ROUTINE JACK MAINTENANCE BULLETIN

RJM 185

1 OF 1

TO PROVIDE COMPLETE INFORMATION ON SERVICING ColumbusJACK/REGENT QUALITY GROUND HANDLING EQUIPMENT

PROCEDURE FOR TESTING MODEL 7089-010 WITHOUT JACK TESTER

It is imperative that the relief valve on Model 7089-010 be set in accordance with the following procedure when a jack tester is not available: (Refer to Maintenance Manual)

1. Open release valve (Fig. 2 Item 15) and fully collapse rams.
2. Ensure that cylinder bushing (Fig. 1 Item 2) is tight.
3. Close release valve and remove setscrew (Fig. 1 Item 21) and ball (Fig. 1 Item 20) from base.
4. Install an o-ring straight thread adapter (Parker Hannifin P/N 3F5OX-S or equivalent) into hole from step 3. Note: Hole is tapped 3/8-24UNF.
5. Install a 0-10,000 psi gauge to the straight thread adapter, using a minimum of three feet of hose between the gauge and the adapter.
6. With release valve closed, extend rams. Fill reservoir as required during extension.
7. Open release valve and collapse rams. Check fluid level and fill as required.
8. Repeat steps 6 and 7 a minimum of 4 times to remove any air from the system.
9. Set relief valve in accordance with RJM 117 at an indicated pressure between 4075 and 4475 psi by fully extending rams against their stops.
10. After testing is complete, fully collapse rams and close release valve.
11. Remove gauge, hose and o-ring straight thread adapter.
12. Re-install ball and setscrew.
13. Repeat steps 6 and 7 a minimum of 4 times to remove any air from the system.
14. Jack is now ready for service.