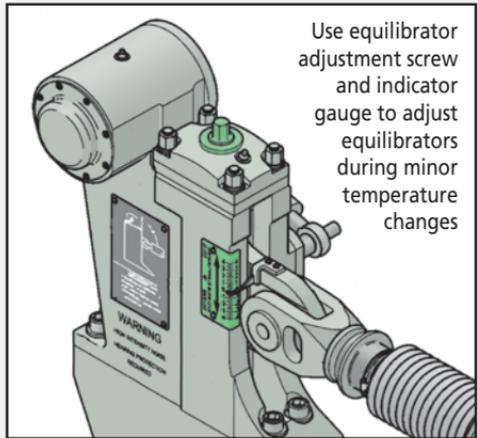


## TEMPERATURE CHANGE AFFECTS EQUILIBRATOR PRESSURE

Crewmen, it's not unusual to see some major temperature fluctuations when cold weather sets in. As temperatures fall, so does the nitrogen pressure in your M777A2 howitzer's equilibrators.

If the equilibrators aren't kept balanced during these temperature changes, it can get really hard to elevate or depress the cannon for firing.

If the cannon tube's balance can't be adjust +/- three divisions, call in your mechanic. He'll add additional nitrogen to the equilibrators to balance the cannon tube by following the Maintenance/ Top Carriage/Equilibrator System/ Charging the System procedure in the IETM's TM 9-1025--215-24&P.



Use equilibrator adjustment screw and indicator gauge to adjust equilibrators during minor temperature changes

By the way, you'll find lots more helpful M777A2 info at this website:

<http://www.mtripleseven.com>