

FOX Internal Memorandum **FOX**
RACING SHOX

To: Fox Customers
Date: August 4, 2011
Re: Fox shock absorber fill gauge operating instructions

All shocks should be pressurized or checked in an unloaded state. To achieve this, jack the vehicle up until the wheels are off the ground and the limit straps are fully extended.

Fox fill gauge-operating instructions:

1. Turn the T-handle counter-clockwise until it stops.
2. Thread locknut (A) down onto the shock absorber air valve until it is snug while moving the Gauge Assembly in order to find a proper seat. Do not over tighten this part. Over tightening may damage the sealing ring in the fill gauge assembly. Be sure to have a positive seal before attempting the next steps.
3. Turn the T-handle clockwise until it stops. This will fill the gauge assembly with nitrogen. If your shock is pressurized you should get a pressure reading from the gauge at this time.
4. To add pressure simply use an air chuck to fill the gauge assembly at the 1/8-27-tank valve. Fox recommends that you over fill the assembly to about 20 P.S.I. over your desired pressure. This will allow you to "bleed" down to the pressure that you wish to run.
5. Once the pressure is set at your desired level, turn the T-handle counter-clockwise until it stops. This will seal the shock at the air core. Remove the assembly by turning the locknut counter-clockwise.

See the attached drawing for a breakdown of the fill gauge assembly:

