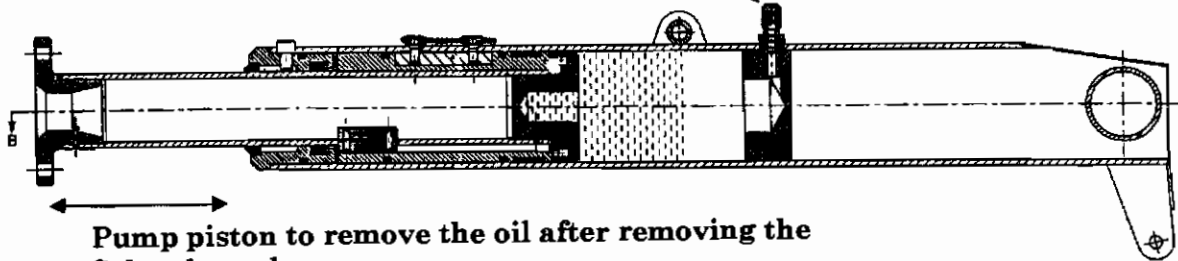


Nose Strut Service

Following is the method of servicing the nose strut.

1. If the strut is installed on the aircraft, support the nose of the aircraft in order to take the weight off the nose strut.

2. Remove the valve cap and deflate the nose strut. **Schrader Valve (internal core of inflation fitting)**

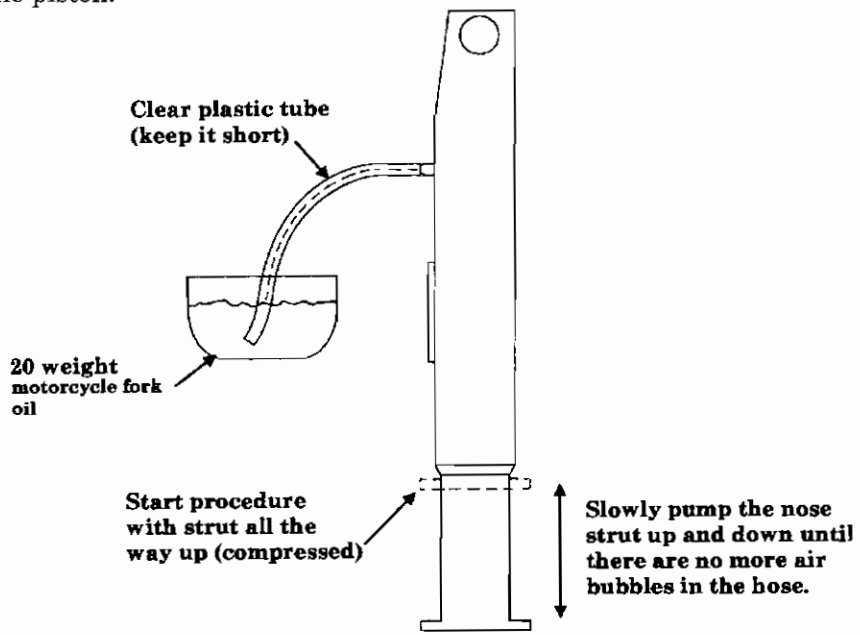


Pump piston to remove the oil after removing the Schrader valve core.

3. Remove the Schrader valve using a valve stem remover tool. Put a rag over the Schrader valve stem to catch the oil and then pump the piston.

4. Slip a clear plastic tube over the valve. Before starting, push the strut all the way up, or to the fully compressed position. Drop the free end of the tube into a bowl with 20 weight motorcycle fork oil. Pump the strut until there is no more air in the line, then fully compress the strut.

5. Re-install the Schrader valve core.



6. Inflate the nose strut using Nitrogen. Inflate such that 3" (+\ - 1/4") of the strut is showing. Push the tail of the aircraft down to release some of the weight on the nose strut and then let go. Re-measure the nose strut and adjust to pressure as necessary. Note: Nitrogen, rather than air should be used. Typical pressure required is 250-300 psi.

