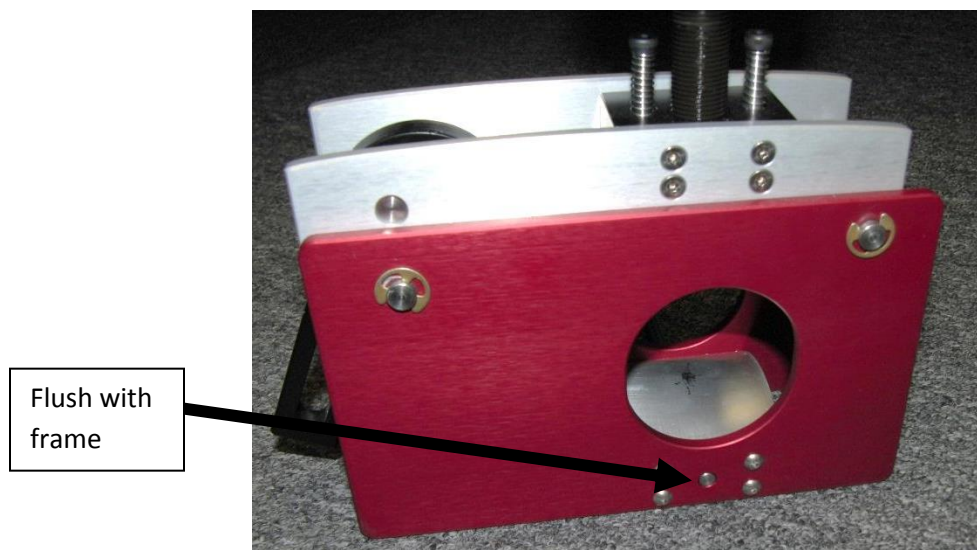


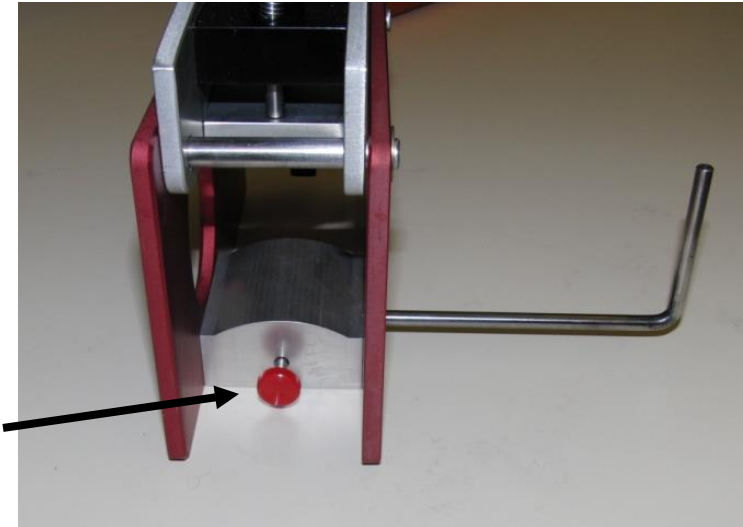
G4 SSL (USSSA model) Barrel Compression Fixture Instructions

Assembly

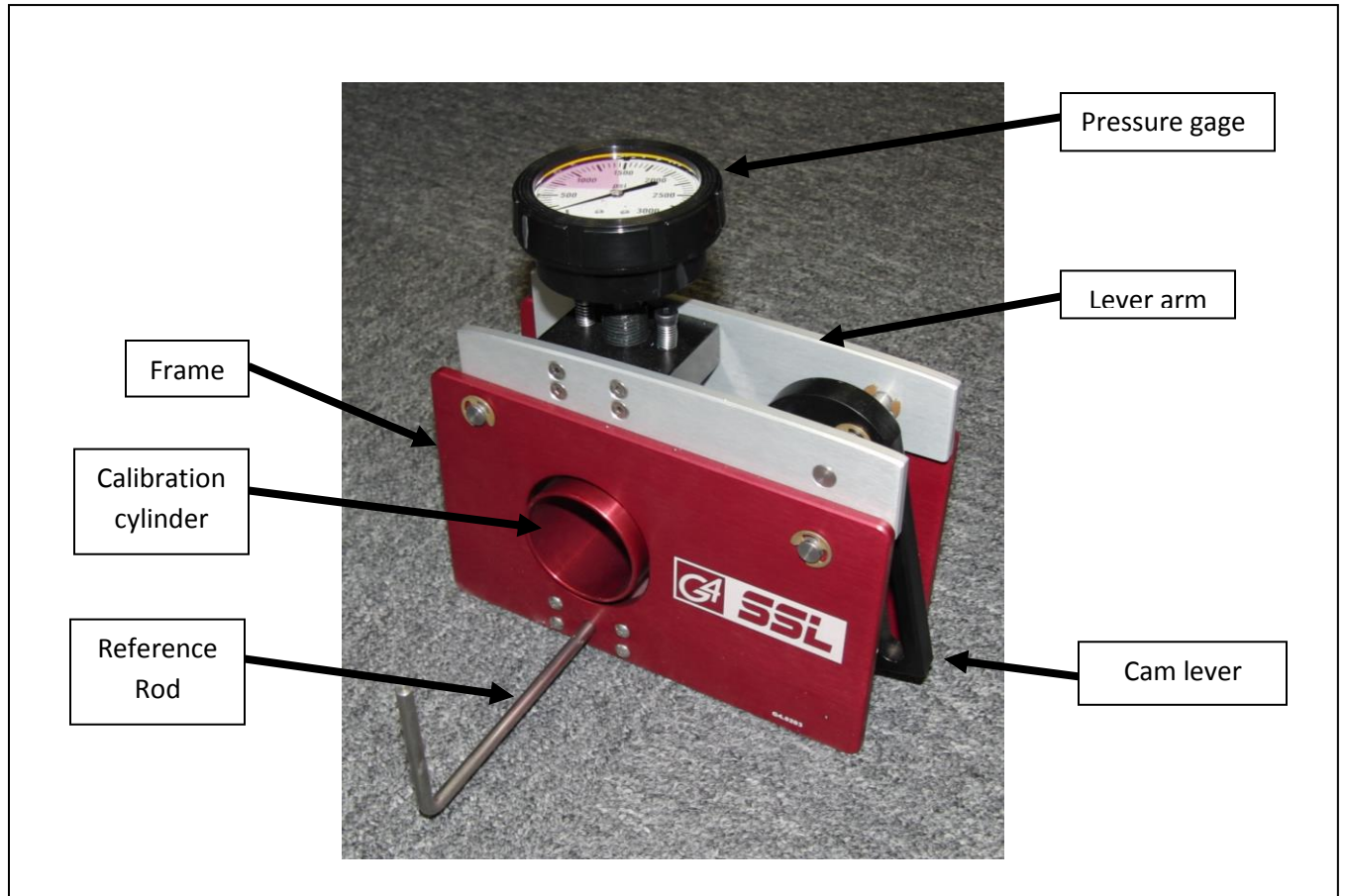
Step 1: Insert reference rod through the small hole on the frame. The end of the rod should be flush with the opposite side of the frame. This will ensure bat compressions are at the 6 inch location.



Step 2: Hand tighten the setscrew to ensure the reference rod does not rotate.



Testing the barrel compression of a bat



Step 1: Insert a softball bat through the 2.5" diameter hole in the frame until the end of the barrel touches the reference rod. The knob end of the bat should be supported to keep the bat level while it is tested. This can be done with the foam cylinder included with the fixture.



Step 2: Apply a preload to the bat by rotating the pressure gage clockwise until the pressure reads 0lbs. This will ensure good contact with the bat and the anvils. **Make sure the cam lever is in the full down/vertical position.** **IMPORTANT – Grease cam lever slot every 1000 cycles.**



Step 3: Compress the barrel by pulling the cam lever to the up/horizontal position until the lever locks in place.



If the force is below the red line, which is 220lbs, the barrel compression fails.

(To save time the test can be stopped as soon as the force reading passes the red line; i.e. before the lever is completely in the up/horizontal position.)

Calibration

To ensure the compression fixture is working properly, compress the included red calibration cylinder as you would a bat. Verify that the force is within the tolerance indicated on the cylinder.

If the force is above or below the allowable force check that:

1. The cylinder is level on the anvil
2. The compression is being measured in the middle of the cylinder
3. The cylinder is not touching the sides of the frame
4. The cam lever is in the down/vertical position when the 0lb preload is applied.

Visit www.barrelcompression.com for additional help and operator manual updates.