

# RACE TECH

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## ZX7 ADJUSTABLE COMPRESSION INSTALLATION

<falc\_s01.doc> FALC S01 P Thede © 5-26-04

1 pg

**TOOLS REQUIRED:** Mill, 13 mm and 2.5 mm (#40) drill, 14x1.0 tap and 11/16" (17.5 mm) end mill.

- 1 **Locate and center** the blank boss on the fork leg in the mill.
- 2 **Center drill and drill** the 2.5 mm (#40) drill until it breaks through to the middle of the fork leg.
- 3 **Drill the 13 mm tap drill** 20 mm into the aluminum. (With standard drill point tapers the edge of the bore will be approximately 16 mm from the surface.) A "half moon" shaped hole will open at the top side of the bottom of the hole. This is normal.
- 4 **Tap the 14x1.0mm threads.** Make sure the threads are square to the surface.
- 5 Use an 11/16" (17.5 mm) end mill to **cut the o-ring land** 2.16 mm (0.085") deep.
- 6 Lightly **chamfer the edges.** Deburr the opening (new return port) that has been created by drilling the 13 mm hole.
- 7 **Clean thoroughly.**
- 8 **Install the o-ring** on the compression adjuster assembly. **Install the compression adjuster** assembly with the adjusting screw backed out (counter-clockwise from the screw head end). "Zero" the adjuster by turning it clockwise until it lightly seats. Set it to 2 turns out to begin.
- 9 **Reassemble the forks** using the new banjo bolts supplied to replace the standard Allen bolts in the bottom of the fork leg. Reuse the original copper washers.

