



FEULING®

#9000 CAMPLATE ROLL PIN REMOVAL/INSTALLER TOOL
FITS ALL T/C CAMPLATES



IMPORTANT NOTICE

THIS INSTALLATION SHOULD BE DONE BY AN EXPERIENCED MECHANIC WHO HAS ACCESS TO A FACTORY SERVICE MANUAL AND ALL REQUIRED TOOLS. THIS PROCEDURE REQUIRES USE OF SPECIALTY TOOLS.

CAUTION

INCORRECT INSTALLATION CAN CAUSE ENGINE DAMAGE NOT COVERED UNDER WARRANTY. FAILURE TO INSTALL COMPONENTS CORRECTLY CAN CAUSE ENGINE SEIZURE. ENGINE SEIZURE MAY RESULT IN SERIOUS INJURY TO MOTORCYCLE, OPERATOR, PASSENGER, AND/OR OTHERS.

This tool makes for easy removal and installation of the pressure relief spring, by-pass valve and roll pin in the Twin Cam camplate.

1. Insert tool in pressure relief hole opening of camplate (see fig. 1) aligning the cut out of the tool over the roll pin.
2. Using the ears of the tool to push down on the spring holding the spring down and out of the way while you use a 1/8" pin punch to push the roll pin from the camplate.
3. Remove the pressure relief spring and valve (plunger). A magnet may be needed to remove the valve.
4. Clean and inspect the pressure relief valve and seat of camplate for burrs and debris, emery cloth and or a scotchbrite pad may be used to clean any problem areas.
5. The valve must move back and forth nice and freely within the camplate bore. It is recommended that a light lubricant be sprayed on the plunger valve before installation.
6. Reinstall the pressure relief valve and spring using the tool to hold the spring down for easy install of the roll pin.

With the use of a Feuling high volume oil pump the recommended setting for the pop off pressure is 55 – 60 PSI. A pressure relief spring length of +/- 1.900" is a good starting point.

The Feuling pressure relief PSI tool part #9010 can be used to measure the pop off PSI of the pressure relief valve.

INSTALLING THE ROLL PIN

START
THE
ROLL PIN
INTO THE
CAMPLATE
USING
PLYERS
TO HOLD
THE ROLL
PIN



USE THE
TOOL TO
HOLD THE
SPRING
DOWN AND
OUT OF THE
WAY WHILE
YOU TAP
THE ROLL
PIN
INTO PLACE

