



FEULING®

EARLY COMPENSATOR SPRING INSTALLATION INSTRUCTIONS

PART #: 2034

FITS: 85-99 EVO, 99-11 DYNA/SOFTAIL, 99-10 TOURING, 99-09 CVO

Performance Compensator Spring Addition

This helps diminish excessive compensator travel, in turn reducing harmonics, eases start up and gives a more responsive feel at lower engine RPMs.



ADDITIONAL SPRING FOR OEM PACK #40384-83, #40267-85, #40384-91, #40356-06, #40356-07.

DIRECT UPGRADED REPLACEMENT FOR 85-99 EVO, 99-11 DYNA/SOFTAIL, 99-10 TOURING, 99-09 CVO.

NOTE: FEULING SPRING IS NOT A FIX FOR EXCESSIVELY WORN AND OR DAMAGED COMPENSATORS

IMPORTANT NOTICE: This installation should be done by an experienced mechanic who has access to a factory service manual and all required tools.

CAUTION: Incorrect installation can cause engine/drivetrain damage not covered under warranty. Failure to install components correctly can cause engine seizure, which may result in serious injury to motorcycle, operator, passenger, and/or others.

INSTRUCTIONS

1. Drain primary fluid and remove outer housing cover.

5 Speed models: Use 1 1/2" socket and remove spring pack assembly.

6 speed models: You must remove chain tensioner first then use 13/16" socket on compensator bolt. Next remove the shaft extension, sprocket, and ramp.

2. Use crescent wrench or vise grips to bend tabs back on compensator spring pack housing. Remove, clean and inspect springs.



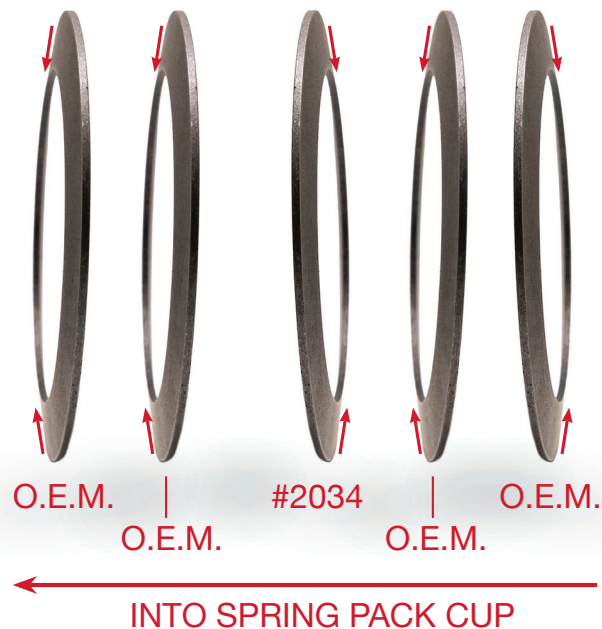
Remove primary housing and compensator bolt. Remove chain tensioner and chain assembly if needed.



Bend 3 tabs outward on spring pack housing

3. Reassemble spring pack with new spring.

With spring housing cup facing toward you, install x2 of the OEM springs stacked the same way, like you are eating out of a bowl. Then install Feuling #2034 the opposite way. Next install another OEM spring like you are eating out of a bowl. Then the final outer most OEM spring the opposite way. Use a crescent wrench or vise grip to bend tabs back toward spring pack to hold springs in place.



4. Next, reverse the process of putting the primary components back together.
Refer to your service manual.

5 Speed models: Install spring pack assembly onto shaft. Apply red loctite to compensator bolt. Torque to 150-165Ft/Lbs.

6 Speed models: Install compensator ramp, sprocket and shaft extension. Apply red loctite to compensator bolt then install with washer. Torque to 155-165 ft/lbs. Collapse chain tensioner and use zip tie to hold tensioner collapsed. Apply red loctite to tensioner bolts and torque to 15-19ft/lbs. Cut zip tie and check chain tension per factory service manual.

IMPORTANT NOTICE: Refer to your service manual for installation of outer primary cover, fluid and remaining components.

*** STANDARD 1 YEAR WARRANTY:**

- WARRANTY COVERS MANUFACTURE DEFECTS.
- DOES NOT COVER PARTS THAT HAVE FAILED DUE TO IMPROPER INSTALLATION, MAINTENANCE, EXCESSIVE CRANKSHAFT RUNOUT, OR MISUSE.
- DOES NOT COVER ANY CONSEQUENTIAL DAMAGE RESULTING FROM A FAILURE OF A FEULING PRODUCT.

*** OPTIONAL 2 YEAR WARRANTY:**

- ADDITIONAL YEAR WARRANTY IS ONLY AVAILABLE IF PARTS ARE INSTALLED BY A PROFESSIONAL INSTALLER.
- THE ONLINE WARRANTY FORM MUST BE COMPLETED BY THE DEALER PRIOR TO BIKE DELIVERY.
- OIL TANK MUST BE DROPPED & CLEANED.
- CRANKSHAFT RUNOUT MUST BE BELOW 0.005"

NOTE: FOR FULL WARRANTY INFORMATION VISIT WWW.FEULINGPARTS.COM/WARRANTY

