

# INSTALL INSTRUCTIONS-LH FORK-CONT.



## STEP FIVE: RE-ASSEMBLE LH FORK

- Reassemble the upper tube and the lower slider, and return to the fork vise.
  - Make sure the red polyurethane bumper is on the fork cap, then slide the LH AXEO Cartridge into the lower slider. **FIGURE E**
- IMPORTANT: Make sure the lower rod is in the bore seat before reinstalling the lower rod bolt and copper sealing washer.**
- Install the lower Allen bolt with the copper sealing washer and torque to 15 ft. lbs.
  - Refer to the oil volume chart on the inside of the back cover of this install guide for the type and amount of oil to add per fork.
  - Pour in the recommended amount of oil. **FIGURE E**
  - Slowly pump the stanchion and the slider up and down 10 to 12 times to bleed the air from the oil. **FIGURE F**
  - Lift the upper tube, thread in the fork cap and tighten to 25 ft. lbs.



**FIGURE E**



**FIGURE F**

# INSTALL INSTRUCTIONS-RH FORK

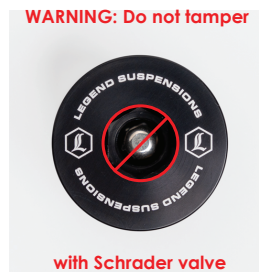


## STEP SIX: FORK REMOVAL

- Remove the forks from the motorcycle, consult with an experienced technician before removal if needed.



access hole



## STEP SEVEN: RH FORK DISASSEMBLY

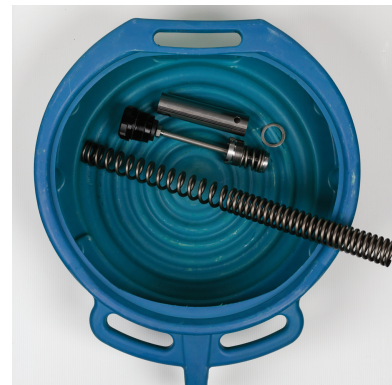
- Secure the RH fork assembly in a fork vise or soft clamp to avoid scratching it.
- Remove the fork cap and lift the connection rod sub-assembly up.
- Use Jims Tool \*5831/Drag Specialties #3805 or H-D #47852 to remove the spring retainer (Castle Bolt). **FIGURE G**

**WARNING: Be extremely careful when removing the castle bolt, it is under high spring pressure.**

- Remove the connection rod sub-assembly and dump out all of the stock components from the top of the stanchion. **FIGURE H**
- Inspect bushing and seals, replace as needed.



**FIGURE G**



**FIGURE H**

# INSTALL INSTRUCTIONS-RH FORK-CONT.



## STEP EIGHT: CLEAN FORK

- Clean the remaining oil and contaminants from the inside of the fork tubes using a non-corrosive and non-abrasive parts cleaning solvent and a long brush.
- Rinse thoroughly to remove any residue.
- Dry parts with compressed air.



## STEP NINE: SET PRELOAD ON LEGEND CARTRIDGE

- Refer to the preload setting chart on the inside of the back cover of this install guide (**preload adjustment is based on rider weight only**).
- Use an Allen wrench to loosen the set screw on the preload adjuster through the large access hole. **FIGURE I**
- Use the recommended number of turns from the chart and thread your preload adjuster towards the spring. **Preload adjuster is set at zero from the factory.** One full turn is indicated by the set screw aligning with "flat."
- While continuing to hold the Allen wrench in the set screw to keep the the collar from spinning, grab and rotate the lower rod the correct number turns.

**IMPORTANT:** Once the proper preload adjustment is achieved, index the preload adjuster so the set screw lines up with the machined flat on the shaft. Apply blue threadlocker to the set screw threads and tighten.



## STEP TEN: RE-ASSEMBLE RH FORK

- Reassemble the upper tube and the lower slider, and return to the fork vise.
- Make sure the red polyurethane bumper is on the fork cap, then slide the RH AXEO Cartridge (with over-tube) into the lower slider. **FIGURE K**
- Apply a small amount of blue threadlocker to the threads of the 40mm stainless steel hex nut and thread it in against the end of the over-tube.
- Using a 40mm service wrench, firmly hand tighten the nut against the over-tube, clamping the cartridge down in the slider. Be sure not to scar the end of the nut or distort its roundness as this is also the bump stop surface for the red polyurethane bumper. **FIGURE J**
- Refer to the oil volume chart on the inside of the back cover of this install guide for the type and amount of oil to add per fork.
- Pour in the recommended amount of oil. **FIGURE K**
- Slowly pump the stanchion and the slider up and down 10 to 12 times to bleed the air from the oil. **FIGURE L**
- Lift the upper tube, thread in the fork cap and tighten to 25 ft. lbs.



## STEP ELEVEN: INSTALL FORKS

- Once the forks are re-assembled, install them onto the motorcycle. Follow the manufacturers' torque specs for safety.

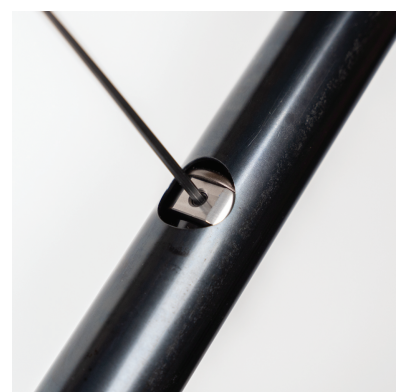


FIGURE I



FIGURE J



FIGURE K



FIGURE L