



Installation Instructions for Hawg Halters, Inc.
FL Trike Triple Trees

THIS PRODUCT IS DESIGNED FOR USE ONLY WITH TRIKE CONVERSIONS OR WITH HHI NECK RAKE BUILDERS KIT!

NOTE: PLEASE READ INSTRUCTIONS FULLY BEFORE STARTING INSTALLATION AS VARIOUS MODELS REQUIRE SPECIFIC COMPONENTS.

WARNING – FRONT END PERFORMANCE IS A CRITICAL SAFETY ITEM. TRIPLE TREES SHOULD BE INSTALLED BY A QUALIFIED SERVICE TECHNICIAN ONLY!!!!

- 1. Make sure the motorcycle is properly secured when raised. Remember to balance it properly as you will be removing the complete front end.**
- 2. Remove the front wheel assembly and fender.**
- 3. Remove the fairing, handlebars, front and rear fork covers, fork tube assemblies and mounting hardware as these will be reused. Finish removing the remaining triple tree assembly.**
- 4. Replace the lower steering cup bearing race at this time if there are any signs of wear. Use the new lower neck bearing supplied.**
- 5. Clean and repack the upper neck bearing with EP grease or replace if necessary. Apply anti-seize to the threads of the neck stem and at the base diameter where it fits in the lower triple tree.**
- 6. Insert the supplied riser bushing set in the upper triple tree and install handlebar risers.**
- 7. For 2009-later models it will be necessary to install the two supplied 3/8-16 x 1/2" SHCS in the upper tree. These act as the fork stops.**
- 8. Slide the neck stem through the lower tree and place the dust shield and bearing over the stem. Install the assembly into the bottom of the frame neck.**

9. Place the upper bearing and dust shield over the protruding stem, set the top tree in place and start the stem into the threads by hand. **DO NOT FORCE THE THREADS.** (Cross threading is not covered by warranty). The stem is machined to accept a 3/8" ratchet drive.

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10. Snug the stem and test for smooth movement of the tree assembly. Do not tighten at this time. Proper neck stem torque is accomplished when no endplay is noticeable. Refer to your service manual for adjusting proper end play and fall away. This will be done once the fork assembly and front wheel are installed.
11. Remove the stock fork tube plug from each tube by clamping the fork tube plug securely in a vise and turning the fork tube. **CAUTION: TUBES ARE SLIGHTLY SPRING LOADED.**
12. It is recommended the fork oil be changed at this time. Refer to your Service manual.
13. After filling with new oil, install the supplied dual threaded fork tube plug. Be sure to install the o-ring on the large threaded side of the plug and the pipe plug on the opposite side. Use pipe dope or Teflon tape to seal the plug. Place the plug over the spring and compress the spring into the fork tube until the threads meet. This is best accomplished by clamping the fork tube plug in a vise and using the fork tube to compress the spring. Thread the tube onto the insert and tighten the assembly by hand.
NOTE: 2002-05 models with cartridge dampener will require the installation of item #17 into item #4. All other models will omit this step.
14. For early style air suspension models a separate air fitting adapter kit is required.
15. Reinstall lower fork covers at this time.
16. Next, apply a small amount of anti-seize to the clamp bushing outside diameter. Apply blue loctite to the screw threads. Insert the 2-piece clamp bushing assembly into the lower tree clamp hole leaving the screw loose. Align the gap in the clamp bushing with the fork tube hole to allow the fork tube to pass through.
17. Check the fork tube hole for any sharp edges or burrs and completely remove before installing fork tubes. Apply anti-seize to the threaded end of the fork tube assembly. Install the tubes through the lower tree and thread into the upper tree as tight as possible **BY HAND.**
18. Install fender, front wheel and brake caliper assembly. Relocate the front brake line tee mounting it to the bottom of the neck stem using the supplied 1/4-10 x 1 1/2" lg hex head bolt.
19. Check and adjust neck-bearing fall away per factory manual. Install set screw into rear of lower tree and lock nut on top of neck stem to lock steering stem in place.

20. Secure tubes by tightening both clamp bushing screws to approximately 10ft-lbs.
21. Install items 10 & 11 and reinstall covers, fairing and other remaining components.

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All HAWG HALTERS, Inc. triple trees are guaranteed to be free from defects in material and workmanship for a period of one year from the date of purchase.

**If you have any questions call:
TOLL FREE 1-877-HHALTER (442-5837)**

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