



ITEM	QTY	P/N	DWG #	DESCRIPTION
1	1	41FL-XR3-U	45-201	41mm FLH Wide Glide, 3 Degree Upper
2	1	41FL-XR3-L	45-202	41mm FLH Wide Glide, 3 Degree Lower
3	1	NS-6	35-105	NECK STEM, 1" EXTENDED
4	2	FTI-41FB	38-101	FORK TUBE INSERT, Threaded, 41mm
..	1	TTHK-001		TRIPLE TREE HARDWARE KIT, 41mm
5	1	MCM-90251A578		SCREW, 5/16-18 x 5/8" w/ Nylon Patch
6	2	MCM-9452K37		O-RING, 41mm, Buna 70
7	2	MCM-4534K42		1/4" PIPE PLUG
8	2	CBK41	35-104	CLAMP BUSHING SET, Triple Tree
9	2	41FL-RBS	45-103	Riser Bushing Spacer
10	2	41FL-STI-U	45-104	Side Threaded Insert, Upper Tree
11	2	41FL-STI-L	45-105	Side Threaded Insert, Lower Tree
..	1	RB-001		Riser Bushing Kit
12	2	AA-GT-FH 1.2		Riser Bushing (1 pair Upper / Lower)
13	2	COL-FHS-136		1/2-13 x 2 3/4" Long Flat Head Socket Screw
14	1			1-12 Hex Nut
15	4			1/4-28 x 1.50 Socket Head Cap Screw
16	1			1/4-20 x 1.50 Hex Head Screw
17	1	4FL-ADAPTOR	45-106	CARTRIDGE DAMPERADAPTOR

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TOLERANCES UNLESS NOTED: X.X: +/- .03 X.XX: +/- .01 X.XXX: +/- .005 FRAC: +/- 1/16 ANGULAR: +/- 1°		DRAWN	NAME	DATE
MATERIAL		CHECKED	TEZ	07/12/08
FINISH		ENG APPR.		
NEXT ASSY		MFG APPR.		
USED ON		Q.A.		
APPLICATION		STOCK SIZE:		
DO NOT SCALE DRAWING				

Hawg Halters, Inc.
 389 Lumpkin County Parkway
 Dahlonega, GA 30533

PART NO. 41FLXR3

ASSEMBLY: 41mm FLH WIDE GLIDE
 3 DEGREE PLUS TRIPLE TREE

SIZE DWG. NO. 45-200

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.
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 ¼-10 x 1 ½" 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. **NOTE: Road King models are supplied with a Road King only hardware kit which in addition to the above includes spacers and longer mounting screws for the ignition switch installation.**

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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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