

WOLF ONE PRO KIT

INSTALLATION GUIDE

DISCLAIMER: Kraus Motor Co. recommends that you defer to a certified mechanic or technician on any installation when possible. Refer to your OEM service manual for procedure, step by step run through, required tools and specifications to make sure all pieces and parts are properly installed. Kraus Motor Co. is not responsible for improper installation of any OEM or Kraus component/kit. After completing installation, go for a slow, careful test ride. Afterward's, double check all pieces, parts and systems. Improper installation may result in severe injury or death.

BEFORE INSTALLATION:

- 01 This installation requires an authorized Harley Davidson dealership to flash your 2014-Up Road Glide for a CVO switch. The Wolf One Top Tree does not have mounting points for your stock ignition switch.

PREPARING FOR INSTALLATION:

- 01 Disconnect the battery negative cable.
- *** **TECH TIP: With the bike on the ground turn bars to full left lock and loosen but do not remove the two 5/16-18 Torx bolt's that hold on the nacelle. Turn bike to full right lock and repeat. You will not have access to these bolts once the bike is centered.**
- 02 Remove seat and fuel tank. (Refer to your OEM factory service manual)
- 03 Place bike on a suitable jack or lift.
- 04 Cover inner fairing with protective cover to avoid damage.
- 05 Remove 2 T25 Torx screws holding the speedometer to inner nacelle.
- 06 Remove speedometer and nacelle.
- 07 Locate wiring for left & right control modules and disconnect.
- 08 Locate wiring for throttle by wire and disconnect.
- *** **TECH TIP: The stock triple tree has a ground wire that is not needed on the Wolf One Top Tree. You can remove this ground wire heat shrink and tuck it away.**
- 09 Carefully remove clutch and front brake master cylinders do not disconnect hydraulic lines unless you are replacing them.
- 10 Zip tie front brake and hydraulic master cylinders out of the way.
- 11 Inspect to make sure all lines and cables are disconnected.
- 12 Remove pinch bolt on the back of triple tree.
- 13 Remove two pinch bolts that hold top tree to fork legs.
- 14 Pull up on handlebars and remove top triple tree and bars as an assembly.

BEGIN INSTALLATION:

- 01 Locate the mounting hardware provided with your riser kit.
- 02 Install 4 solid riser bushings into the Wolf One Top Tree.
- 03 Locate two 1/2-13 x 3 bolts and apply blue Loctite 243 to threads.
- 04 Assemble risers to Wolf One Top Tree.
- 05 **Torque bolts to 55 ft lbs.**
- 06 Loosen but **DO NOT REMOVE** two pinch bolts in the back of the Wolf One Top Tree.
- 07 **COMPLETELY REMOVE** 4 pinch bolts on the clamping area of the tree.
- 08 Insert a plastic wedge into the pinch gaps of the tree to ease installation onto fork legs.
- 09 Wolf One Top Tree onto bike.

- 10 Install pinch bolts into clamping area of triple tree and **torque to 20 ft lbs.**
- 11 **Tighten and torque** rear pinch bolts on the billet clamp to **28 ft lbs.**
- *** **TECH TIP: Use a stubby 5/16 Allen socket to gain clearance between triple tree and fairing.**
- 12 Install billet top nut cover.
- 13 Install wiring through handlebars.
- *** **TECH TIP: On the right-side control module unpin the connector. This will assist in assembly of wiring through the bars.**
- 14 Install handlebars onto midsection.
- 15 Route wiring through midsection and T-Bar Clamp.
- 16 Install top clamp and **torque screws to 13 ft lbs.** in a criss-cross pattern to maintain an even gap on the front and rear of top clamp.
- 17 Install the T-bar Clamp onto front or rear of riser legs depending on desired gauge location.
- 18 Install the included 3" extension.
- 19 Install OEM speedometer into RG Gauge Bezel housing.
- 20 Install RG Gauge Bezel with speedometer onto 3-inch extension.
- 21 Connect control module and fly-by-wire connectors.
- 22 Install speedometer extension connector.
- 23 Install wiring harness block with slot facing down.
- *** **TECH TIP: When pinning the NAMZ speedometer extension harness it is easiest to remove the green waterproof insert and run the wires through to make sure you pin the connector in the right position.**
- 24 Remove OEM fairing and headlight.
- 25 Pull all wiring through fairing support bracket to the front of the nacelle.
- 26 Zip tie excess wiring to the existing OEM harness. **IMPORTANT:** Make sure to leave enough room so that it will not contact the headlight.
- *** **TECH TIP: RECONNECT battery and test all motorcycle functions before re-installing fairing and all other OEM components.**
- 27 Install all OEM parts. (Refer to your OEM factory service manual).
- *** **TECH TIP: Double check all fasteners before test ride.**
- 28 Go for a slow, careful test ride. Afterward's, double check all pieces, parts and systems.
- 29 Installation is now complete. Enjoy the ride!