

## 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:

- O1 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:

- O1 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.**

- O2 Remove seat and fuel tank. (Refer to your OEM factory service manual)
- O3 Place bike on a suitable jack or lift.
- O4 Cover inner fairing with protective cover to avoid damage.
- O5 Remove 2 T25 Torx screws holding the speedometer to inner nacelle.
- O6 Remove speedometer and nacelle.
- O7 Locate wiring for left & right control modules and disconnect.
- O8 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.**

- O9 Carefully remove clutch and front brake master cylinders do not disconnect hydraulic lines unless you are replacing them.
- O10 Zip tie front brake and hydraulic master cylinders out of the way.
- O11 Inspect to make sure all lines and cables are disconnected.
- O12 Remove pinch bolt on the back of triple tree.
- O13 Remove two pinch bolts that hold top tree to fork legs.
- O14 Pull up on handlebars and remove top triple tree and bars as an assembly.

#### BEGIN INSTALLATION:

- O1 Locate the mounting hardware provided with your riser kit.
- O2 Install 4 solid riser bushings into the Wolf One Top Tree.
- O3 Locate two 1/2-13 x 3 bolts and apply blue Loctite 243 to threads.
- O4 Assemble risers to Wolf One Top Tree.
- O5 **Torque bolts to 55 ft lbs.**
- O6 Loosen but **DO NOT REMOVE** two pinch bolts in the back of the Wolf One Top Tree.
- O7 **COMPLETELY REMOVE** 4 pinch bolts on the clamping area of the tree.
- O8 Insert a plastic wedge into the pinch gaps of the tree to ease installation onto fork legs.
- O9 Wolf One Top Tree onto bike.

- O10 Install pinch bolts into clamping area of triple tree and **torque to 20 ft lbs.**
- O11 **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.**
- O12 Install billet top nut cover.
- O13 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.**
- O14 Install handlebars onto midsection.
- O15 Route wiring through midsection and T-Bar Clamp.
- O16 Install top clamp and **torque screws to 6 ft lbs.** in a criss-cross pattern to maintain an even gap on the front and rear of top clamp.
- O17 Install the T-bar Clamp onto front or rear of riser legs depending on desired gauge location.
- O18 Install the included 3" extension.
- O19 Install OEM speedometer into RG Gauge Bezel housing.
- O20 Install RG Gauge Bezel with speedometer onto 3-inch extension.
- O21 Connect control module and fly-by-wire connectors.
- O22 Install speedometer extension connector.
- O23 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.**
- O24 Remove OEM fairing and headlight.
- O25 Pull all wiring through fairing support bracket to the front of the nacelle.
- O26 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.**
- O27 Install all OEM parts. (Refer to your OEM factory service manual).
- \*\*\* **TECH TIP: Double check all fasteners before test ride.**
- O28 Go for a slow, careful test ride. Afterward's, double check all pieces, parts and systems.
- O29 Installation is now complete. Enjoy the ride!