

ADJUSTABLE ISOLATED HANDLEBAR

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 procedures, 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. Afterwards, double-check all pieces, parts and systems. Improper installation may result in severe injury or death.

1

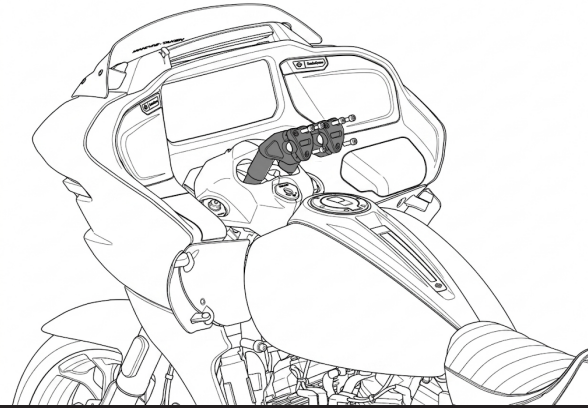
PREPARING MOTORCYCLE FOR INSTALLATION

Refer to the OEM Factory Service Manual

TECH TIP: If replacing risers and re-installing the factory nacelle, some modification may be required.

- Install the corresponding Kraus Workman Risers and pullback plate if purchased in kit
- Risers can be installed on tree and mounting bolts **torqued to 55 ft-lbs**
- Kraus Workman risers will retain OEM Bushings in top tree, unless purchased in Open Road Kit. Solid bushings will be provided when purchased in a kit
- Once Workman risers have been installed, the ISO Handlebar can be prepared for installation

NOTE: Verify the correct handlebar before disassembly of handlebar and motorcycle. The ISO Handlebar comes in 2 different variants and can be seen on the reference photo



2

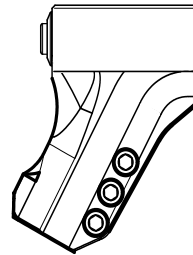
PREPARING ISO BAR FOR INSTALLATION

Refer to the OEM Factory Service Manual

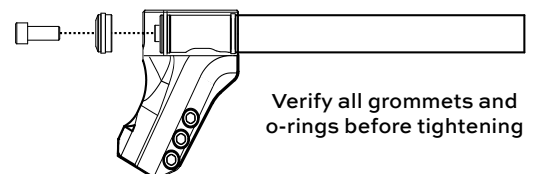
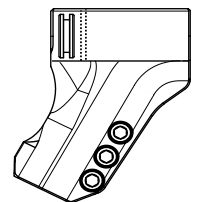
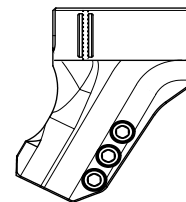
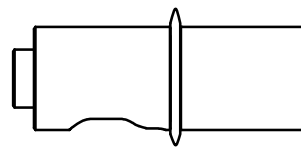
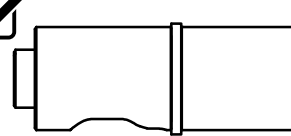
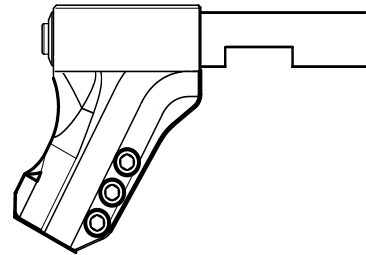
TECH TIP: The ISO Bar may be disassembled for easier wire routing. Wires should be routed before the ISO Bar is torqued.

- Verify O-Rings are installed correctly on the Bar Ends
- Ensure Grommets are installed around both sides of the grooves in the Knuckles
- Verify which bar end is the Left and Right side
- Slide Bar End into Knuckle
- Ensure Bar End is flush with grommet and fully pressed into Knuckle
- Verify O-Ring on Bar End Plug is not folded over
- Insert bolt through Bar End Plug and begin to thread into Bar End until finger-tight

24+ Touring



23- Touring



Verify all grommets and o-rings before tightening

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- Rotate Bar End until the passages can be seen and are aligned through the Knuckle

TECH TIP: Verify the smaller portion of the passage is aligned with the Clocking Screw. This will prevent any additional rotation.

- Install and snug the Clocking Screw until finger-tight

- Wires can be routed through the Bar Ends, then into the Knuckles at this time

De-pinning is recommended

NOTE: Be careful not to pinch wires as they will be fed through the entire handlebar.

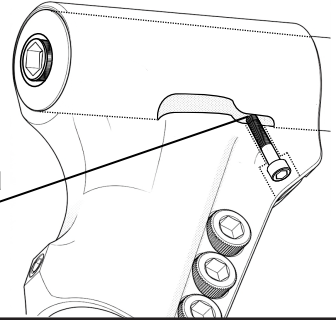
- Wires can then be routed through the Lower Bar.

- Once wires have fed through, slide the Knuckles over the Lower Bar, then begin to snug the 3 clamping bolts and set screw finger-tight

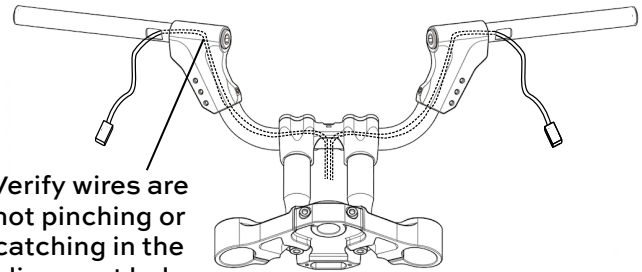
NOTE: Snug until finger-tight, but do not tighten as adjustments will be made later.

3

Verify slot is aligned with bolt hole before tightening



Verify wires are not pinching or catching in the alignment hole



BEGIN INSTALLATION

- If risers are being replaced, install new risers into upper triple tree

NOTE: Ensure risers are 1-1/8" for the ISO Bar

- Insert the ISO Bar into the clamping area of the riser and feed wires into the correct position

- Tighten and snug top clamp of riser to hold ISO Bar in place

- Adjust the pitch of the Lower Bar in the riser clamp to a suitable position

- Rotate Bar End and Knuckle to a comfortable position, then tighten set screw

- Adjust Hand Controls to a suitable position

- Verify ISO Bar and components are in a comfortable position

- Tighten and torque all the hardware, setting the ISO Bar in its final place

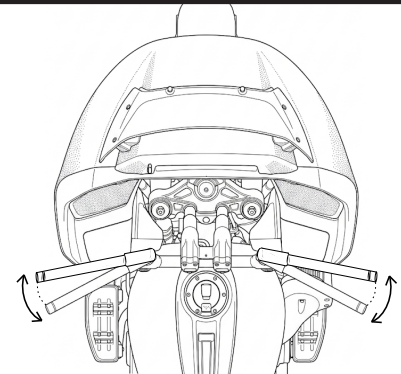
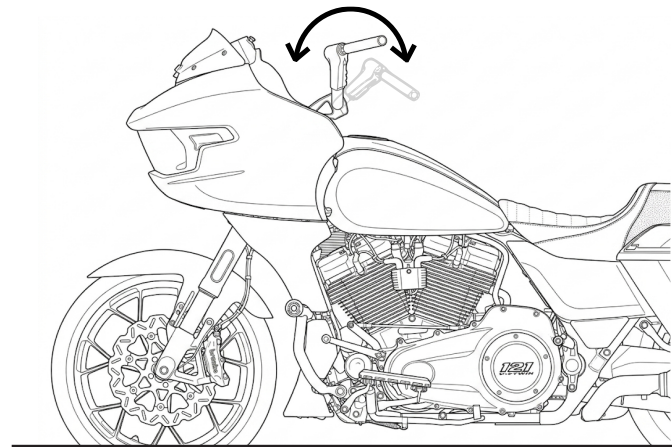
Refer to the OEM Service Manual

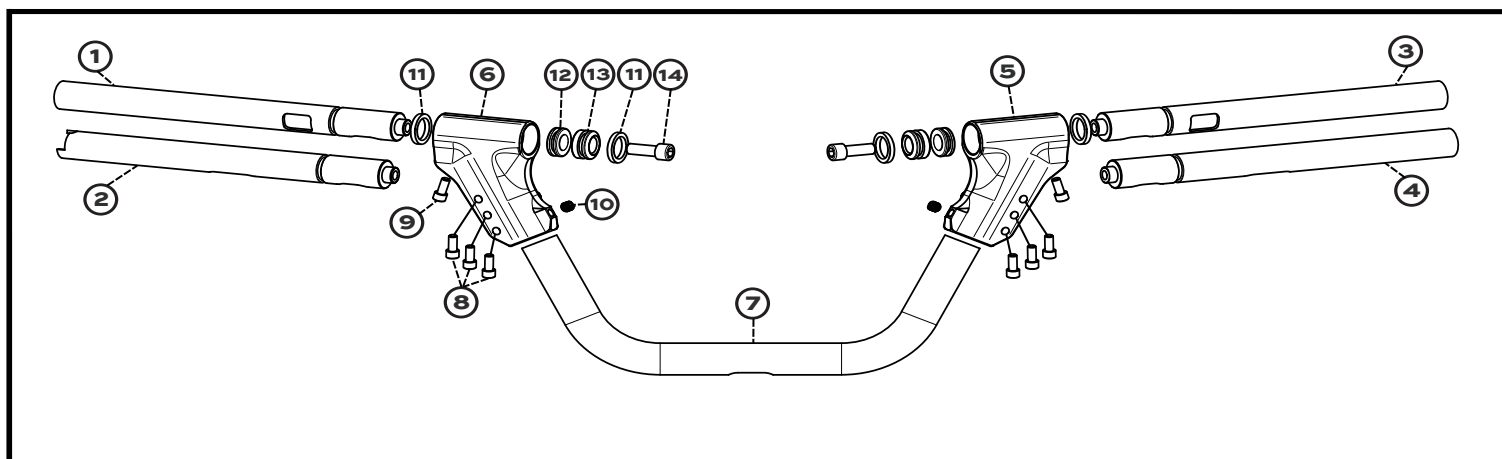
- Route and reconnect all wiring for handlebars

- Install Clutch and Brake Cables

- Install Nacelle (if applicable)

Installation is now complete!





1	2024+ ISO Bar End (Right)
2	2023 and below ISO Bar End (Right)
3	2024+ ISO Bar End (Left)
4	2023 and below ISO Bar End (Left)
5	ISO Bar Knuckle (Left)
6	ISO Bar Knuckle (Right)
7	Lower Bar
8	5/16"-18 x 11/16" 18-8 Stainless Steel Socket Head Screw
9	1/4"-20 x 9/16" L 3/16" Hex Drive 18-8 Plain Stainless Steel Socket Head Cap Screw
10	5/16"-18 x 5/16" Hex Drive Cup Point Grade 18-8 Stainless Steel Socket Set Screw
11	Square-Profile O-Ring #211 13/16"ID x 1-1/16"OD .139" Cross Section
12	Insulation Grommet
13	ISO Bar End Plug
14	3/8"-16 x 1" L 5/16" Hex Drive 18-8 Plain Stainless Steel Socket Head Cap Screw

Troubleshooting Tips

- Check for operation of the clutch before riding. Clutch adjustment may be necessary.
- If you have any excess from the clutch cable, it may need to be re-routed or tucked closed to frame.
- The Bar Ends will slightly rotate due to the isolation in this handlebar.
- Black Hardware is purchased separately.

