

HART LUCK RISER BASE

INSTALLATION GUIDE (EXCLUSIVELY POWERPLUS MODELS)

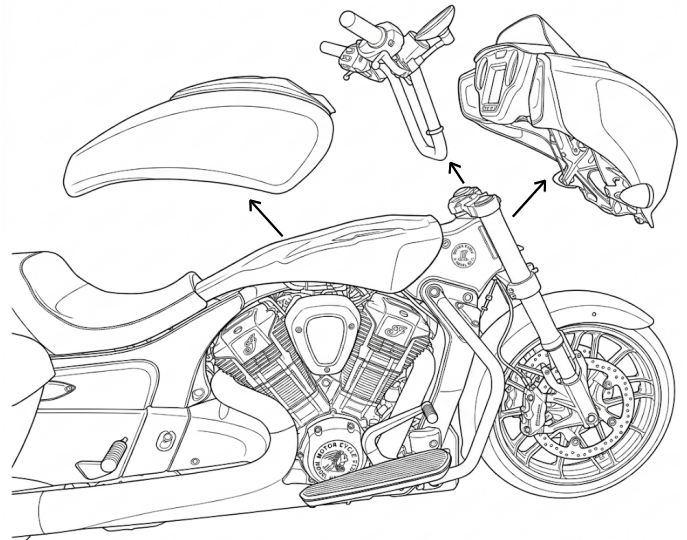
DISCLAIMER: Kraus Motor Co. recommends that you defer to a certified mechanic or technician on any installation when possible. Refer to your OEM service manual for procedure, step-by-step procedures, required tools and specifications to make sure all pieces and parts are properly installed. Kraus Motor 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 FOR INSTALLATION

Refer to the OEM Factory Service Manual

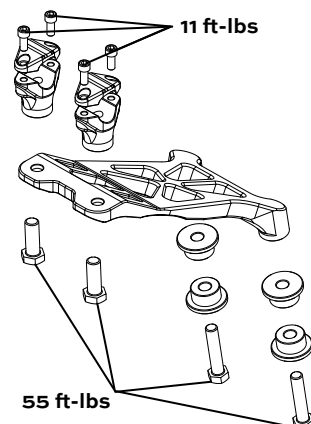
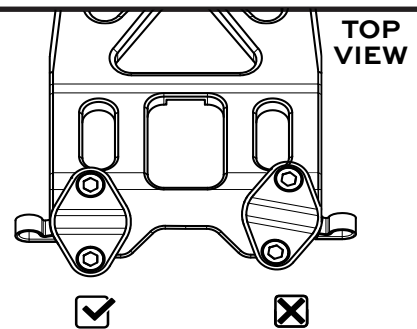
- Disconnect battery negative
- Remove Seat and Fuel Tank
- Remove Fairing
- Remove throttle control
- Remove front master cylinder from handlebar
- Remove clutch lever assembly
- NOTE:** Do not disconnect hydraulic lines unless you are replacing them
- Verify no other cables or wires need to be disconnected or obstruct the removal of the handlebars and riser
- Remove handlebars, risers and bushings from upper tree



2

BEGIN INSTALLATION

- Begin to transfer over components to the new handlebar and feed wires through handlebar
- NOTE:** Use the provided shims for the 1-1/4" hand controls to fit a 1" handlebar
- Install and snug the Kraus Shorty Risers on the riser base
- Install handlebar on the risers and tighten both clamps until finger tight
- Verify risers are parallel and are not offset
- Feed wiring under risers base and install wiring plate
- Install the provided bushings in the upper tree
- Install the riser base and handlebars on upper tree, then begin to thread in the provided hardware
- NOTE: The supplied hardware is SAE 1/2"-13**
- Tighten and torque riser base bolts. **Torque to 55 ft-lbs (75 N-m)**
- Once the Kraus Shorty Risers are in a suitable position they can then be torqued. **Torque to 55 ft-lbs (75 N-m)**



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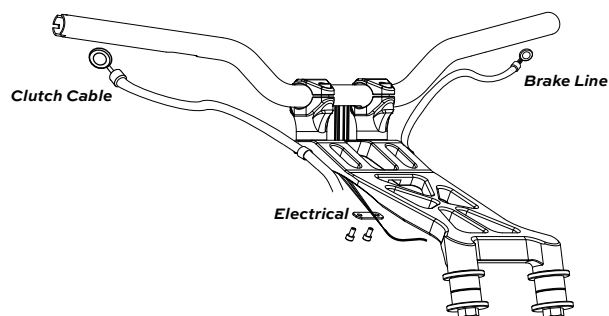
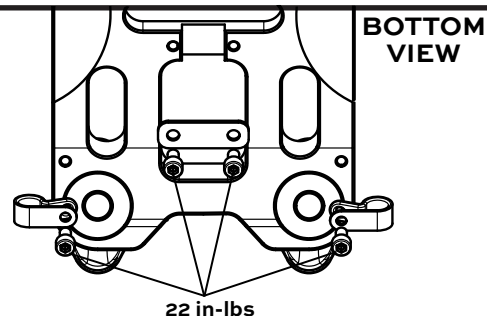
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3

Refer to the OEM Factory Service Manual

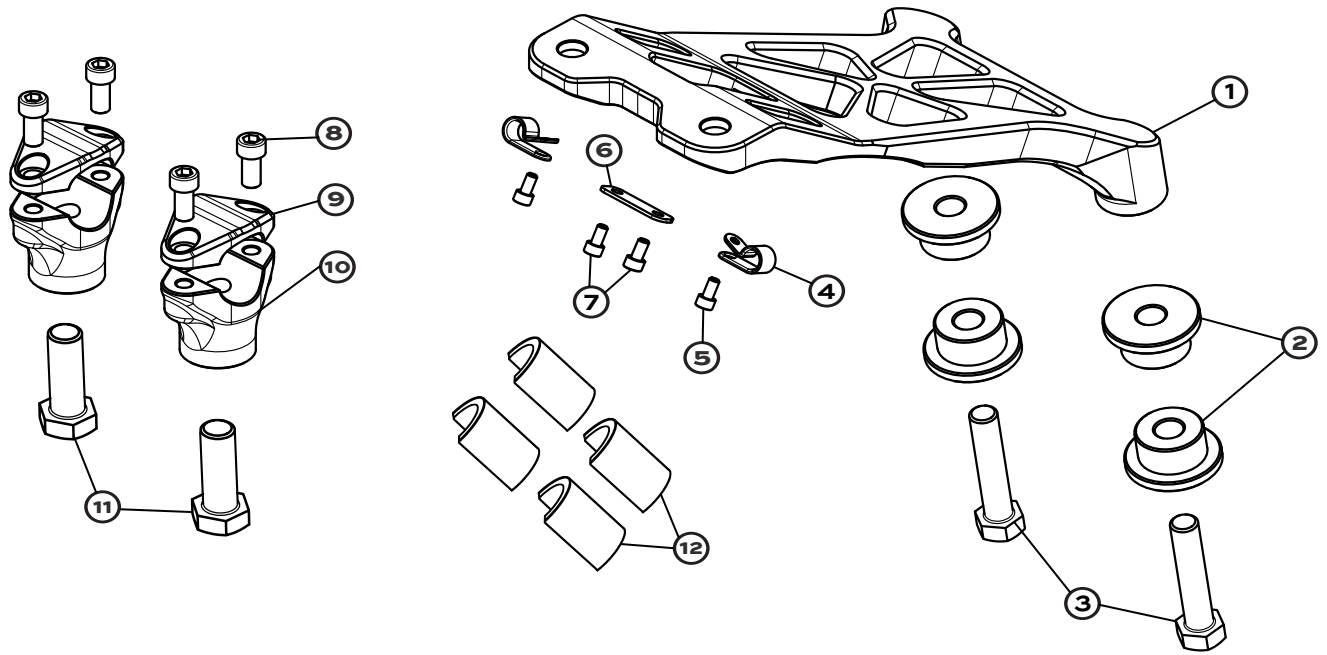
- Install throttle control and master cylinder to handlebar
- Route brake line and clutch line through P-Clamps on side of riser base, then tighten. **Torque to 22 in-lbs (2.5 N-m)**
- Install Fairing
- Install Fuel Tank
NOTE: *There will be tight clearance. We recommend covering/protecting the fuel tank as it is being installed.*
- Install Seat and connect battery negative
- Adjust pitch of handlebar and controls to a comfortable position
- Begin to tighten and torque handlebar clamps and components. **Torque Clamps to 11 ft-lbs (15 N-m)**

Installation is now complete!



TROUBLESHOOTING TIPS

- If your riser base is making contact with the fairing, you will need to push the fairing away from the riser base as you are tightening the mounting bolts for the fairing.
- The clearance for the fuel tank is very tight. We recommend covering the tank and taking your time to install it.
- The fuel tank is remove due to the antenna wire. If your motorcycle does not have the antenna wire or has a disconnect in the fairing, you will not need to remove the fuel tank.
- The KR Low Bar has notches and alignment marks to help with installations. Verify the risers aren't offset and the handlebar is centered.



①	Hart Luck Chieftain Riser Base
②	Indian Bushings (Black and Machine)
③	1/2"-13 Thread Size, 2-1/2" Long, Grade 5 Zinc Finish Hex Cap Screw
④	Nylon Plastic Loop Clamp 3/8" ID, 1-1/16" Long
⑤	10-24 x 3/8" ASTM F837 Hex Drive Grade 18-8 Stainless Steel Socket Cap Screw
⑥	Hart-Luck Riser Base Wiring Plate
⑦	10-24 x 3/8" ASTM F837 Hex Drive Grade 18-8 Stainless Steel Socket Cap Screw
⑧	5/16"-18 Thread Size, 3/4" Long, Hex Drive 18-8 Stainless Steel Socket Cap Screw
⑨	2" Riser Top Clamp (Black or Machine, 1 or 1-1/8")
⑩	2" Riser Bottom Clamp (Black or Machine, 1 or 1-1/8")
⑪	Hart Luck Chieftain Riser Base
⑫	Indian Chieftain Perch Clamp Shim