

INSTRUCTION SHEET



KLIPHANGER BARS FOR INDIAN CHIEF & SPRINGFIELD

INCLUDED IN BOX:

- Kliphanger Handlebars
- Clutch Cable
- Instruction Sheet

NOTE:

Always refer to model appropriate service manual for procedures and torque specifications

QUESTIONS?



EMAIL:
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1. Protect all painted surfaces and ensure motorcycle is secured for disassembly
2. Disconnect battery
 - a. Remove top side covers
 - b. Remove both 8mm fasteners that secure the seat
 - c. Remove ECU tray but do NOT unplug connectors from the ECU
 - d. Disconnect negative terminal first, then positive from the battery
3. Remove nacelle
 - a. Remove the four 5mm fasteners from behind the headlamp
 - b. Remove the two 5mm fasteners on top of the nacelle and disconnect the headlamp (**Fig 1**)
 - c. Loosen, but do not remove, the four light bar fasteners and slip the front half of the nacelle out and set aside (**Fig 2**)
 - d. Remove the four light bar fasteners and carefully remove the rear half of the nacelle
4. Number and disconnect all electrical connectors
 - a. It is recommended to use a permanent marker rather than wrapping tape around the harness to ease internal wiring (**Fig 3**)
5. Remove control assemblies and accessories
 - a. Completely loosen the clutch cable adjuster, remove the circlip on the pin and remove the cable and lever from the bracket (**Fig 4**) (**Fig 5**) (**Fig 6**)
 - b. Disconnect clutch switch (**Fig 7**)
 - c. Remove the perch from the handlebar
 - d. With the brake line still attached, remove the master cylinder from the handlebar and set out of the way
 - e. Remove the switch housings on both sides (**Fig 8/9**)

INSTRUCTION SHEET



FIG 7



FIG 14

- f. Remove clutch side grip (**Fig 10**)
- g. Carefully loosen and remove handlebar clamp bolts - don't let the bars onto the fuel tank (**Fig 11**)
- h. Remove bars and set aside

6. Assemble KlipHangers

- a. Using either the handlebar clamp or another suitable fixture, install the klamps and stub bars on the center U-bar (**Fig 12**)

NOTE: You can choose the angle of your stub bars by the orientation of the klamps. If the angle of the klamps is up, your ending bar angle will be flatter than if they are down.

- b. Make sure for this initial set up that the holes in the stub bars, klamps and U-bar are all aligned to ease in wire installation. (**Fig 13**)

7. Install wiring

- a. It is not necessary to lengthen or disassemble your connectors
- b. Carefully guide the wires through the handlebar assembly until the switch housings are seated in place on each side.

8. Change clutch cable

NOTE: Again, be sure motorcycle is secured and supported with jack for clutch cable replacement

- a. Remove left side floorboard assembly and shift linkage
- b. Remove kickstand bumper (**Fig 14**)
- c. Remove engine guard if motorcycle is equipped
- d. Release clutch cable from actuator arm on clutch cover (**Fig 15**)
- e. Remove kickstand switch (**Fig 16**)
- f. Loosen and remove left side frame member (**Fig 17**) (**Fig 18**)
- g. Guide stock clutch cable out and replace with provided cable using stock routing along the frame.

NOTE: Use stock cable routing when installing the provided clutch cable.

- h. Reinstall components using factory torque specifications

9. Rotate front brake line fitting

- a. Loosen master cylinder banjo bolt just enough to rotate fitting toward the front of the motorcycle. NO fluid should be lost. (**Fig 19**)

10. Adjust KlipHanger height and wrist angle

- 11. Check switches for correct function before reassembly
- 12. Check steering right and left to make sure wiring and cable routing is correct
- 13. Install chrome plugs with supplied adhesive
- 14. Reinstall removed components using factory torque specifications



FIG 8/9



FIG 15



FIG 10



FIG 16



FIG 11



FIG 17



FIG 12



FIG 18



FIG 13

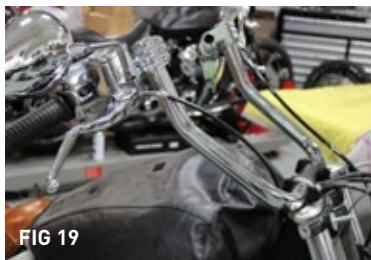


FIG 19