INSTRUCTION SHEET



KLIPHANGER BARS FOR INDIAN CHIEFTAIN

INCLUDED IN BOX: KlipHanger Handlebars Black Clutch Cable Instruction Sheet

NOTE:

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

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- 1. Protect painted surfaces with a soft cloth.
- 2. Raise windshield all the way up.
- 3. 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.
- 4. Remove windshield
 - a. Remove the 6 shoulder bolts and square nuts and set windshield aside (Fig 1)
- 5. Remove outer fairing
 - a. Remove the headlamp ring by removing both shoulder bolts and then pulling it off of the rubber grommets (Fig 2)
 - Remove the 3 hex headlamp fasteners and then unplug headlamp and set aside (Fig 3)
 - c. Unplug both turn signals
 - d. Remove lighting plugs from the backside of the inner fairing and unplug the passing lamps (Fig 4)
 - e. Remove speaker grilles by pulling them off of the rubber grommets (Fig 5)
 - f. Remove 1 fastener under each speaker grille(Fig 6)
 - g. Remove the 3 fasteners on each side of the inner fairing (Fig 7)
 - **h.** Remove the 4 fasteners between the windshield bracket and the outer fairing (**Fig 8**)
 - i. Gently lift the outer fairing off and set aside

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- 6. 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 9)
- 7. Remove inner fairing assembly
 - a. Cut all wire ties holding the wiring to the inner fairing bracket (Fig 10)
 - b. Remove the 4 locknuts and washers (Fig 11)
 - c. Carefully remove the inner fairing by guiding it off of the top triple tree and around the clutch cable clamp on the left side (Fig 12)
- 8. 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 13) (Fig 14) (Fig 15)
 - b. Disconnect clutch switch (Fig 16)
 - c. Remove the perch from the handlebar
 - **d.** With the brake line still attached, remove the master cylinder from the handlebar and set aside
 - Remove the switch housings on both sides (Fig 17) (Fig 18)

iii If you have heated grips, ensure that they are unplugged before trying to remove them from the handlebar. (Fig 19)

- f. Remove clutch side grip (Fig 20)
- Garefully loosen and remove handlebar clamp bolts ensuring that the bars do not fall onto the fuel tank (Fig 21)
- h. Remove bars and set aside
- 9. Extend wiring
 - **a.** All of the wires should be extended 12 inches to ensure they can be tied back at the original anchor points on the inner fairing bracket **(Fig 22)**
- 10. Assemble Klip Hangers
 - a. Using either the handlebar clamp or another suitable fixture, install the klamps and stub bars on the center U-bar (Fig 23)
- 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 24)
- 11. Install wiring

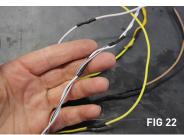
a. It is recommended to remove the stock conduit and replace it with a tighter fitting heat shrink the reduced the size of the bundle.

b. Carefully guide the wires through the handlebar assembly until the switch housings are seated in place on each side.

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FIG 27





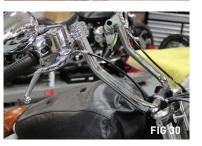












- 12. Change clutch cable
- Again, be sure motorcycle is secured and supported NOTE:
 - with jack for clutch cable replacement
 - a. Remove left side floorboard assembly and shift linkage
 - b. Remove kickstand bumper (Fig 25)
 - c. Remove engine guard if motorcycle is equipped
 - d. Release clutch cable from actuator arm on clutch cover (Fig 26)
 - e. Remove kickstand switch (Fig 27)
 - f. Loosen and remove left side frame member (Fig 28)
 - **g.** Guide stock clutch cable out and replace with provided cable using stock routing (Fig 30)
 - **h.** Reinstall components using factory torque specifications
- 13. 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 31)
- 14. Adjust klip hanger height and wrist angle
 - a. Test fit inner fairing before final handlebar adjustment to ensure inner fairing can seat all the way against the frame.
- 15. Check switches for correct function before reassembly
- 16. Check steering right and left to make sure wiring and cable routing is correct.
- 17. Install chrome plugs with supplied adhesive
- 18. Reinstall removed components using factory torque specifications.

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FIG 29