



## 8" ERGO BARS FOR INDIAN CHIEFTAIN

### KIT CONTENTS:

- Handlebars
- Clutch cable
- Brake line
- Chrome banjo bolt
- (4) crush washers
- (12) zip ties

### NOTE:

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

### QUESTIONS?



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FIG 1



FIG 5



FIG 2



FIG 6



FIG 3



FIG 7



FIG 4



FIG 8

1. Protect all painted surfaces and ensure motorcycle is secured for disassembly
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 5 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)**
  - b. Remove the 3 hex headlamp fasteners and then unplug headlamp and set aside **(Fig 3)**
  - c. Unplug both turn signals and auxiliary lamps **(Fig 4) (Fig 5)**
  - d. Remove Speaker grilles by unbolting them from the underside **(Fig 6)**
  - e. Remove 1 fastener under each speaker grille **(Fig 7)**
  - f. Remove the 2 fasteners on each side of the inner fairing **(Fig 7)**
  - g. Remove the 4 fasteners between the windshield bracket and the outer fairing **(Fig 8)**
  - h. Gently lift the outer fairing off and set aside

## INSTRUCTION SHEET



FIG 9



FIG 15

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 and move wiring out behind the fairing (**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. Carefully drain the front master cylinder, remove the banjo bolt and remove the master cylinder from the handlebar (**Fig 17**)
  - e. Remove the switch housings and throttle grip (**Fig 18**) (**Fig 19**)

**NOTE:** If you have heated grips, ensure that they are unplugged before trying to remove them from the handlebar.

- f. Remove clutch side grip (**Fig 20**)
  - g. Carefully loosen and remove handlebar clamp bolts ensuring that the bars do not fall into the fuel tank (**Fig 21**)
  - h. Remove bars and set aside
9. Install wiring
  - a. Carefully guide the wires through the Ergo handlebar assembly until the switch housings are seated in place on each side.
  - b. Fasten switch housings and the throttle grip to the handlebar using the stock hardware.
10. 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 22**)
  - c. Remove highway bar if motorcycle is equipped
 

**NOTE:** Protect the front fender! It may ease removal by loosening the brake line assembly from the lower triple tree and frame down tubes.

    - i. Remove right side foot control
    - ii. Remove the two lower bolts on the left and right side of the highway bar
    - iii. Remove the top two bolts from the frame
    - iv. Carefully remove highway bar



FIG 10



FIG 16



FIG 11



FIG 17



FIG 12



FIG 18



FIG 13



FIG 19



FIG 14



FIG 20





FIG 21



FIG 27



FIG 22



FIG 28



FIG 23



FIG 29



FIG 24



FIG 30



FIG 25



FIG 31



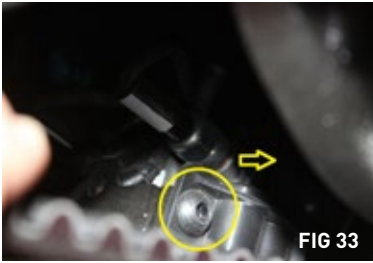
FIG 26



FIG 32

- d. Release clutch cable from actuator arm on clutch cover **(Fig 23)**
  - e. Loosen left side frame member enough to remove the clutch cable **(Fig 24) (Fig 25)**
  - f. Guide stock clutch cable out and replace with provided cable using stock routing. Make sure to fully engage cable end in the perch **(Fig 26)**
  - g. Reinstall components using factory torque specifications
- 11. Brake line removal and installation**
- a. Remove P-clamp from top triple tree **(Fig 27)**
  - b. Unclip plastic retainer on right hand side of frame neck **(Fig 28)**
  - c. Remove cable clamp from right side frame member and keep metal retainer for re-installation **(Fig 29)**
  - d. Remove the two bolts that secure the regulator to its bracket **(Fig 30)**
  - e. Cut the zip ties that anchor the brake lines along the right side engine case (there is one hidden behind the frame in front of the exhaust crossover) **(Fig 31)**
  - f. Unhook the brake lines and remove the brake line retainers
  - g. Remove the brake line retainer on the right side of the ABS unit (it is behind the belt) **(Fig 32)**
    - i. There is not a lot of clearance so loosening the belt may help to get tools in there
    - ii. Remove both shoulder bolts with a 6mm allen tool **(Fig 33)**
  - h. Cut the zip tie that holds the ABS banjo bolt wires together
  - i. Unplug the front line connector (it's on the left side)
  - j. Lay a rag in the space below the banjo fitting to catch surplus fluid
  - k. Using an 18mm wrench, remove the front line banjo fitting from the ABS unit **(Fig 34)**
  - l. Modify the lower retainer notch for the front line to accommodate the new brake line diameter **(Fig 35)**
  - m. Install the new brake line, torque banjo bolt to the master cylinder, torque ABS sensor banjo to the ABS unit and torque the brake line to the banjo fittings **(Fig 36)**
- 12. Adjust handlebars**
- a. Test fit inner fairing before final handlebar adjustment to ensure inner fairing can seat all the way against the triple trees and clear the tank dash.
- 13. Reroute handle bar wiring safely and use supplied zip ties to secure harness.**
- 14. Check switches for correct function before reassembly**

## INSTRUCTION SHEET



15. Check steering right and left to make sure wiring and cable routing is correct.
16. Reinstall removed components using factory torque specifications.