

⚠ WARNING

DO NOT modify the ignition/light key switch wiring to disable the automatic-on headlamp feature. High visibility is an important safety consideration for motorcycle riders. Ensure that the headlamp is on at all times. Failure to do so could result in death or serious injury.

FLHT/C/U, FLTR (DOMESTIC)

REMOVAL

1. Remove the outer fairing. See Section 2.29 UPPER FAIRING/WINDSHIELD (FLHT/C/U), OUTER FAIRING/WINDSHIELD, REMOVAL.
2. To remove the ignition switch knob, insert the Ignition Switch key and turn to the UNLOCK position. Leaving the key installed, rotate the knob to ACCESS. Depressing the release button at bottom (left side) with a small screwdriver, push key down and turn an additional 60 degrees in a counter-clockwise direction. Lift and remove knob. See Figure 8-62.

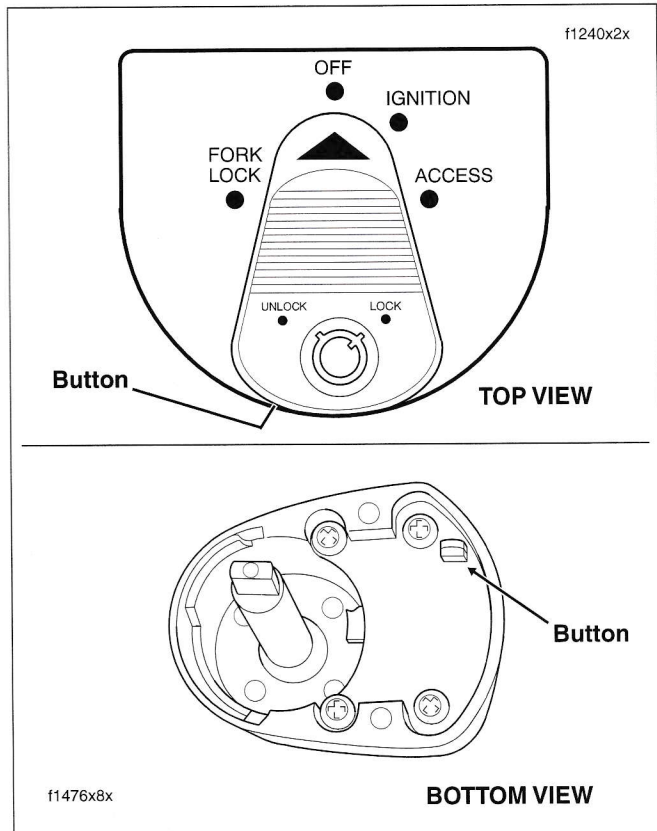


Figure 8-62. Ignition Switch Knob Release Button

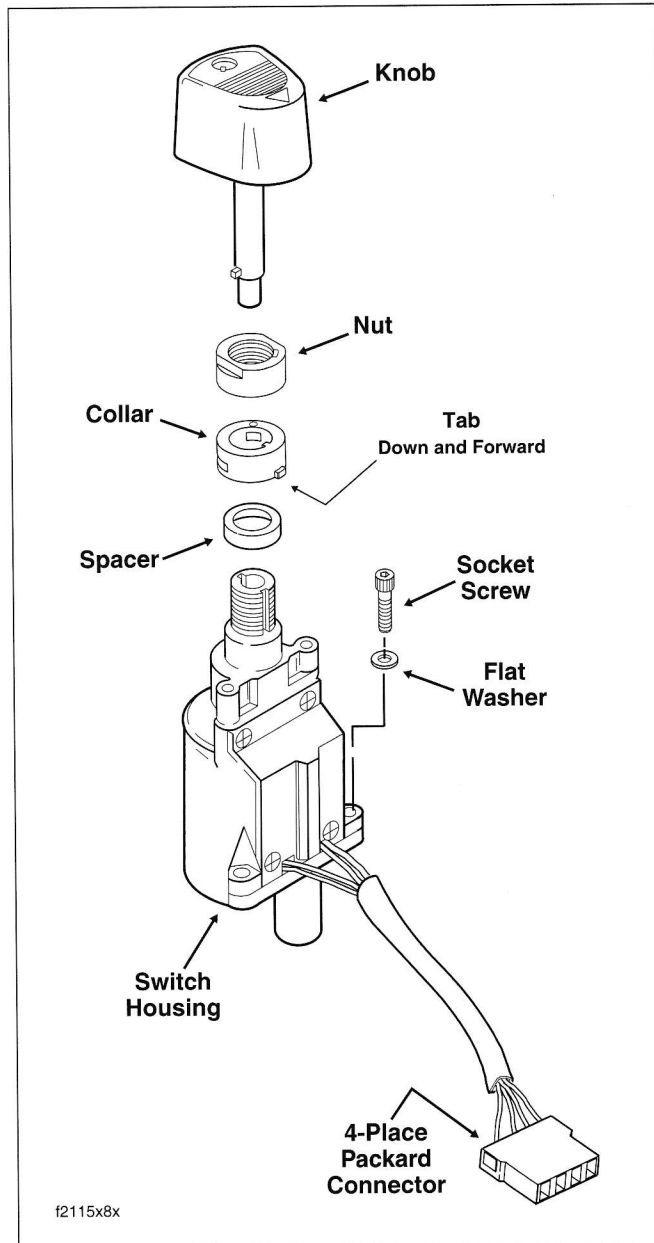


Figure 8-63. Ignition Switch Assembly (Domestic)

3. Using a 7/8 inch wrench on flats, loosen switch nut and remove from threaded post of ignition switch housing. Remove collar and spacer. See Figure 8-63.
4. Using a T27 TORX drive head, remove the two screws (with flat washers) that secure fairing cap to left and right sides of inner fairing.
5. Remove the switch position plate by pulling tabs from slots in fairing cap. If necessary, raise the fairing cap slightly to facilitate removal.

6. With the forks turned fully to the left, disconnect the Fairing cap switch connector [105], 12-place Multilock (black), from behind right side of fairing cap. Depress the button on the plug side of the connector to pull apart the pin and socket halves.
7. Remove the fairing cap from the motorcycle. See Figure 8-64.
8. Locate the Ignition switch connector [33], 4-place Packard, at bottom of radio. Slide connector off anchor and separate pin and socket halves. See Figure 8-65.
9. Remove the socket screws (with flat washers) and lift the switch housing from the upper fork bracket bore. Route the Ignition switch connector to rear of inner fairing and remove switch housing from the vehicle.

INSTALLATION

1. Slide base of ignition switch into bore of upper fork bracket. Install screws (with flat washers) and tighten to 36-60 **in-lbs** (4.1-6.8 Nm).
2. Route the Ignition switch connector [33], 4-place Packard, to front of inner fairing. Mate pin and socket halves of connector and install onto anchor at bottom of radio. See Figure 8-65.
3. Verify that the rubber grommets are installed on each side of the fairing cap. Barbs on cap fit into holes in grommets.
4. Connect the Fairing cap switch connector [105], 12-place Multilock (black), on the right side of fairing cap.
5. With the forks turned fully to the left, install fairing cap over ignition switch housing.

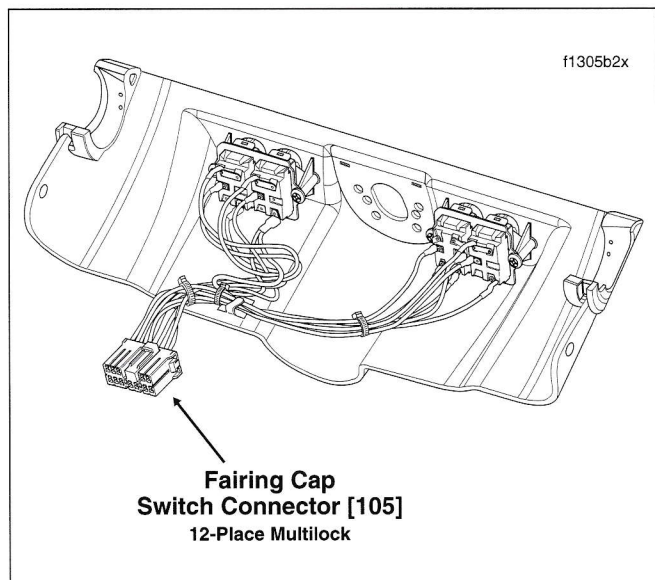


Figure 8-64. Fairing Cap Assembly (FLHT/C/U)

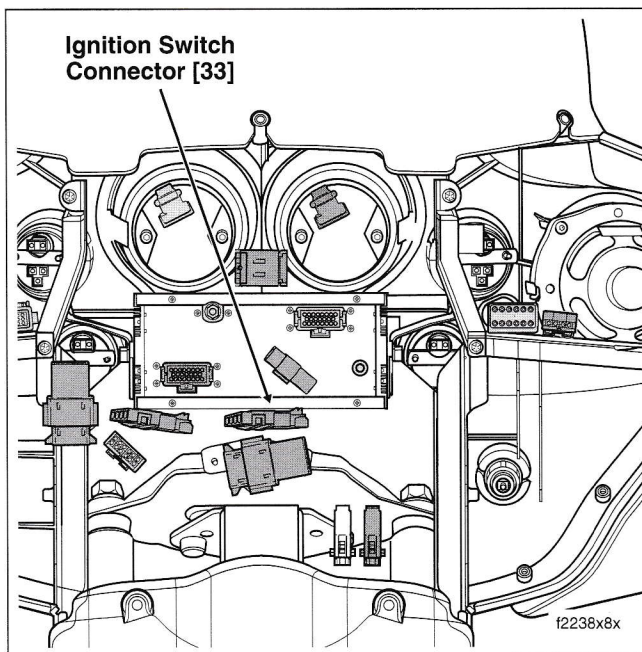


Figure 8-65. Ignition Switch Connector Location (FLHT/C/U)

6. Install switch position plate fitting tabs in slots of fairing cap. Plate snaps in place when properly installed. Exercise care to avoid breaking tabs. Replace plate if tabs are broken.
7. Using a T27 TORX drive head, start two fairing cap screws (with flat washers). Verify that grommets in fairing cap fully capture handlebar along with throttle and clutch cables.
8. Slide spacer over threaded post of ignition switch housing until it contacts switch position plate. Slide collar over post with the tab side down (and forward). Install nut, and using a 7/8 inch wrench on flats, tighten to 50-70 **in-lbs** (5.7-7.9 Nm).
9. With the red arrow pointing toward the ACCESS position, install the ignition switch knob. Turn key clockwise to UNLOCK position and then turn knob to OFF.
10. Using a T27 TORX drive head, tighten two fairing cap screws to 25-30 **in-lbs** (2.8-3.4 Nm).
11. Verify operation of both the ignition switch and fork lock assemblies.
12. Install the outer fairing. See Section 2.29 UPPER FAIRING/WINDSHIELD (FLHT/C/U), OUTER FAIRING/WINDSHIELD, INSTALLATION.