



# INSTRUCTIONS

-J03893

REV. 2005-08-10

## FLHTCUSE HEATED SEAT KIT

### GENERAL

#### Kit Number

51718-06

#### Models

This kit fits 1997 and later FLHT/I (Electra Glide® Standard), FLHTC/I (Electra Glide Classic) and FLHTCUI (Ultra Classic® Electra Glide), and 1998 and later FLTR/I (Road Glide®) models.

#### Additional Parts Required

If another accessory is already using the accessory circuit connector [4] (under the seat, see Figure 1), the Heated Seat Kit will require a Switched Circuit Adapter Harness (Part No. 70264-94A), available separately from a Harley-Davidson dealer.

#### Electrical Overload

### CAUTION

It is possible to overload your motorcycle's charging system by adding too many electrical accessories. If your combined electrical accessories operating at any one time consume more electrical current than your vehicle's charging system can produce, the electrical consumption can discharge the battery and cause vehicle electrical system damage. See a Harley-Davidson dealer for advice about the amount of current consumed by additional electrical accessories, or for necessary wiring changes. (00211b)

### WARNING

When installing any electrical accessory, be certain not to exceed the maximum amperage rating of the fuse or circuit breaker protecting the affected circuit being modified. Exceeding the maximum amperage can lead to electrical failures, which could result in death or serious injury. (00310a)

The Heated Seat requires up to **4.2 Amps** additional current from the electrical system.

#### Kit Contents

Table 1. Kit Contents

Description (Quantity)	Part Number
Heated seat	Not Sold Separately
Grab strap	51479-06

### INSTALLATION

- For 2006 and later FLHT/I/C/CI/CUI, and ALL FLTR models:
  - Follow the instructions in the Owner's Manual to remove the left-side and right-side saddlebags
  - Remove the bolts and flat washers to remove the passenger grab strap and saddlebag front mounting brackets from the chrome frame tube covers.
  - Remove the passenger grab strap.
- ALL models:** Follow the instructions in the Owner's Manual to remove the seat.

### WARNING

To prevent accidental vehicle start-up, which could cause death or serious injury, disconnect negative (-) battery cable before proceeding. (00048a)

- Follow the instructions in the Owner's Manual to remove the negative (-) battery cable from the battery.
- See Figure 1. Identify and remove the plug from the accessory circuit connector [4] in front of the battery.

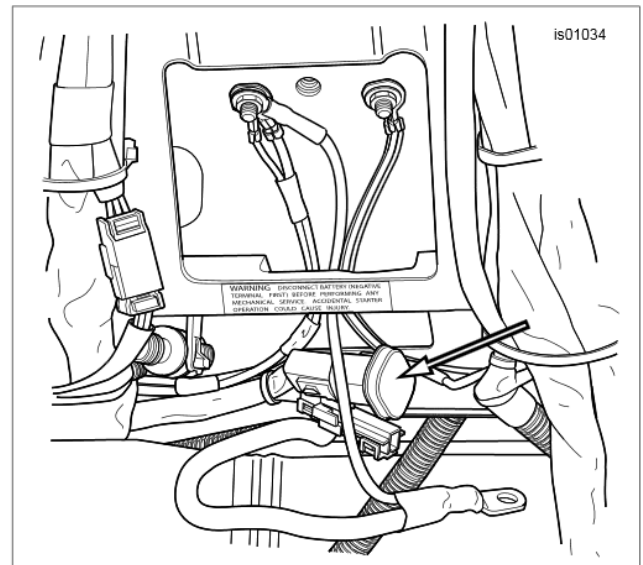


Figure 1. Accessory Circuit Connector [4] (2004 and Later Shown)

- Locate the heated seat connector on the underside of the heated seat.

### NOTE

If another accessory is already using the accessory circuit connector [4], use a Switched Circuit Adapter Harness (Part No. 70264-94A, available separately) as a "Y" adapter.

6. Mate the heated seat connector to the accessory circuit connector [4].
7. Follow the instructions in the Owner's Manual to re-connect the negative (-) battery cable.
8. Guide the wiring into the space beneath the seat so that the wiring will not be crimped when the seat is installed.
9. Follow the instructions in the Owner's Manual to install the seat.

## WARNING

After installing seat, pull upward on seat to be sure it is locked in position. While riding, a loose seat can shift causing loss of control, which could result in death or serious injury. (00070b)

10. For 1997 through 2005 FLHT/I/C/CI/CUI models: Proceed to the OPERATION section.

For 2006 and later FLHT/I/C/CI/CUI, and ALL FLTR models:

- a. See Figure 2. Obtain the new passenger grab strap (1) from the kit, and the saddlebag front mounting brackets (4), bolts (3) and flat washers (2) removed earlier.
- b. Install the saddlebag front mounting brackets and grab strap as shown to the chrome frame tube covers. Finger-tighten the bolts.
- c. Follow the instructions in the Owner's Manual to re-install the left-side and right-side saddlebags.
- d. Tighten the mounting bolts to 60-96 in-lbs (7-11 Nm) after seating the saddlebags.

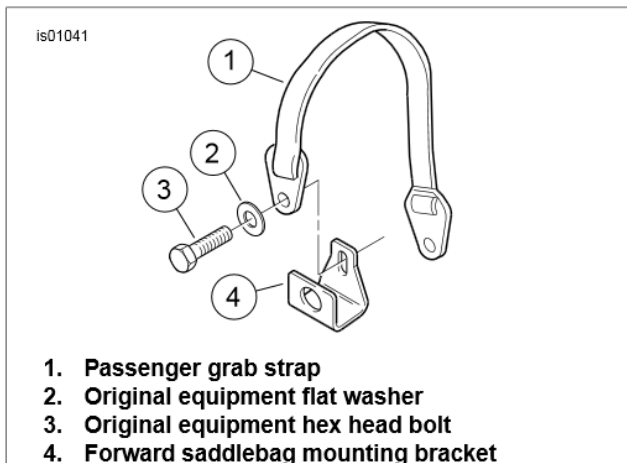


Figure 2. Grab Strap and Saddlebag Front Mounting Bracket

## OPERATION

### NOTE

The accessory switch is a rocker switch found on the inner fairing switch panel.

1. With the ignition/key switch at IGNITION or ACCESS, open the circuit to the heated seat by flipping the accessory switch from OFF to ON.
2. Two switches on the side of the seat control the rider and passenger heating areas independently. The forward switch controls the rider area, and the rearward switch controls the passenger area.
  - a. In the center position, the heat to that area of the seat is OFF.
  - b. Pressing the lower part of the switch in toward the seat turns the heat in that area ON at the LOW setting.
  - c. Pressing the upper part of the switch in toward the seat turns the heat in that area ON at the HIGH setting.

### NOTES

If the accessory switch is left ON and a seat heater rocker switch is left in either the LOW or HIGH position when the motorcycle is turned off, the seat will begin heating when the ignition/ key switch is turned to the IGNITION or ACCESS position.

A seat heater in operation while the motorcycle engine is turned off or running below normal operating speed can quickly discharge the vehicle battery, which could lead to a subsequent failure to start, and could damage the electrical system.

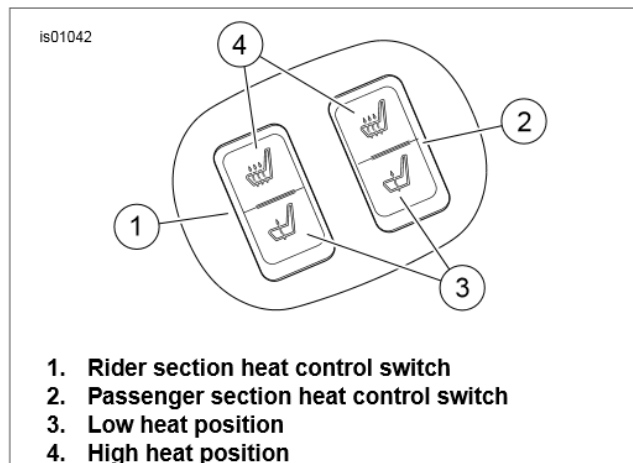


Figure 3. Seat Heating Control Switches