



# INSTRUCTIONS

J04524

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## DETACHABLE TOUR-PAK LIGHT HARNESS KIT

### GENERAL

#### Kit Number

70113-08

#### Models

This kit is needed to complete the installation of a Detachable Tour-Pak® Rack Kit (Part Number 53303-07) on specific model motorcycles. For model fitment information, please see the P&A Retail Catalog or the Parts and Accessories section of [www.harley-davidson.com](http://www.harley-davidson.com) (English only).

#### Tools and Supplies Required

A Deutsch Terminal Crimp Tool (HD-39965) is required for the proper installation of this kit.

#### ⚠ WARNING

**Rider and passenger safety depend upon the correct installation of this kit. Use the appropriate service manual procedures. If the procedure is not within your capabilities or you do not have the correct tools, have a Harley-Davidson dealer perform the installation. Improper installation of this kit could result in death or serious injury. (00333b)**

#### NOTE

*This instruction sheet references Service Manual information. A Service Manual for your model motorcycle is required for this installation and is available from a Harley-Davidson Dealer.*

### Kit Contents

Table 1. Kit Contents

Description (Quantity)	Part Number
Wire harness, Tour-Pak quick-disconnect	Not sold separately
Socket housing, three-way	74113-98BK
Secondary lock, three-way socket housing	74153-98
Socket terminal (3)	74191-98
Cable strap (2)	10006

### INSTALLATION

#### Models with main FUSE:

#### ⚠ WARNING

**To prevent accidental vehicle start-up, which could cause death or serious injury, remove main fuse before proceeding. (00251b)**

1. Refer to the Service Manual and follow the instructions given to remove the main fuse.

#### Models with main CIRCUIT BREAKER:

#### ⚠ WARNING

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

1. Refer to the Service Manual and follow the instructions given to remove the seat and disconnect the negative (black) battery cable from the negative (-) battery terminal. Retain all seat mounting hardware.
2. **ALL models:** Install the Detachable Tour-Pak Rack Kit per the instructions in **that** kit, up to the point where the saddlebags are to be re-installed.

#### NOTE

*Make note of the cable strap locations before releasing the harness from the upper frame tube. New straps will be fastened in the same location.*

3. Cut the larger cable strap fastening Tour-Pak circuit [12] (see the Service Manual Wiring Diagram) of the vehicle main harness to the left-side upper frame tube, rearward of the shock absorber. Cut the small cable strap at the end of the circuit [12] conduit.
4. Slit the conduit open along its length to expose the final ten inches (0.25 M) of main harness circuit [12] wiring. Cut the three wires (Black, Blue, and Red with Yellow tracer) nine inches (0.23 M) from the three-way Multilock socket housing [12B]. The socket housing and cut wires can be discarded.
5. Obtain the socket housing, secondary lock (locking wedge), and three socket terminals from the kit. See the illustration at DEUTSCH ELECTRICAL CONNECTORS: REMOVING/INSTALLING SOCKETS in the Service Manual. Refer to CRIMPING INSTRUCTIONS in the Service Manual, and follow the instructions to install the terminals to the three wire leads of main harness circuit [12].
6. Per the instructions under DEUTSCH ELECTRICAL CONNECTORS, insert the Blue lead and terminal into Cavity 1 of the **new** socket housing. Insert the Red/Yellow lead and terminal into Cavity 2. Insert the Black lead and terminal into Cavity 3.
7. Cut the excess conduit from main harness circuit [12].
8. Obtain the two cable straps from the kit. As noted in Step 3, use one strap to bind the end of the main harness circuit [12] conduit. Use the second strap to fasten circuit [12] of the vehicle main harness to the left-side upper frame tube, rearward of the shock absorber.

9. Verify that the Ignition/Light Key Switch is turned to the OFF position. **Models with main FUSE:** Refer to the Service Manual and follow the instructions given to re-install the main fuse. **Models with main CIRCUIT BREAKER:** Apply a light coat of petroleum jelly or corrosion retardant material to the negative battery terminal. Refer to the Service Manual and follow the instructions given to re-attach the negative battery cable.
10. **ALL models:** Complete the installation of the Detachable Tour-Pak Rack Kit per the instructions in **that** kit with the following exception: Connect the quick-disconnect harness from **this** kit to the Tour-Pak harness and the vehicle main harness circuit [12].
  - a. Re-use the original Tour-Pak grommet instead of installing the grommet from the Tour-Pak Rack Kit.
11. Turn the Ignition/Light Key Switch to ON/IGNITION, but do not start the motorcycle. Test the Tour-Pak lights for proper operation.

#### **⚠ 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)**

12. Refer to the Service Manual, and follow instructions to install the seat.

## **TOUR-PAK REMOVAL**

Unplug the Tour-Pak quick-disconnect harness from the **vehicle harness**, leaving it attached to the Tour-Pak.

#### **NOTE**

*If the Tour-Pak regularly remains off the vehicle for long periods of time, consider separate purchase of the following items to prevent deterioration of the electrical connection due to dirt and corrosion:*

- Pin housing, three-way, Part Number 74103-98BK
- (3) Seal pins, Part Number 74195-98

*These items are available from a Harley-Davidson Dealer.*