

## ULTRA SIDECAR AUDIO

### Purpose

Harley-Davidson has learned that early 2004 FLHTCUI model motorcycles lack the necessary wiring for operation of the Ultra sidecar audio system. In the interest of customer satisfaction, Harley-Davidson has elected to provide an adapter harness for all those vehicles equipped with the Ultra sidecar to ensure that the sidecar audio system is fully operational.

### Motorcycles Affected

All 2004 FLHTCUI model motorcycles assembled/shipped from the York, Pennsylvania assembly plant before January 20, 2004. The last six digits of the VIN on all affected motorcycles precede **614444**.

#### NOTE

*Some of these vehicles were ordered with Ultra sidecars, while others may have an Ultra sidecar (1998 and later) installed in the future. In both cases it will be necessary to order and install the Ultra Sidecar Audio Adapter Harness. See Required Dealer Action for details.*

### Required Dealer Action

1. Order the Ultra Sidecar Audio Adapter Harness Kit (Part No. 94264). See Figure 1.

2. Remove seat. See Section 2.24 SEAT, FLHTCU, REMOVAL, in the 2004 Touring Models Service Manual (Part No. 99483-04).

#### WARNING

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

3. Unthread bolt and remove battery negative cable (black) from battery negative (-) terminal.
4. Locate accessory connector [4], 4-place Deutsch pin housing, in front of battery box. Remove rubber protective plug.
5. Install 4-place Deutsch socket housing on audio adapter harness into pin housing of accessory connector [4].

#### NOTE

*The plugged 4-place Deutsch pin housing on the audio adapter harness becomes the new accessory connector.*

6. Route length of audio adapter harness (terminating in Mini-Deutsch pin terminals) to right side of motorcycle and then rearward following inboard side of upper frame tube to frame crossmember at rear of battery box.

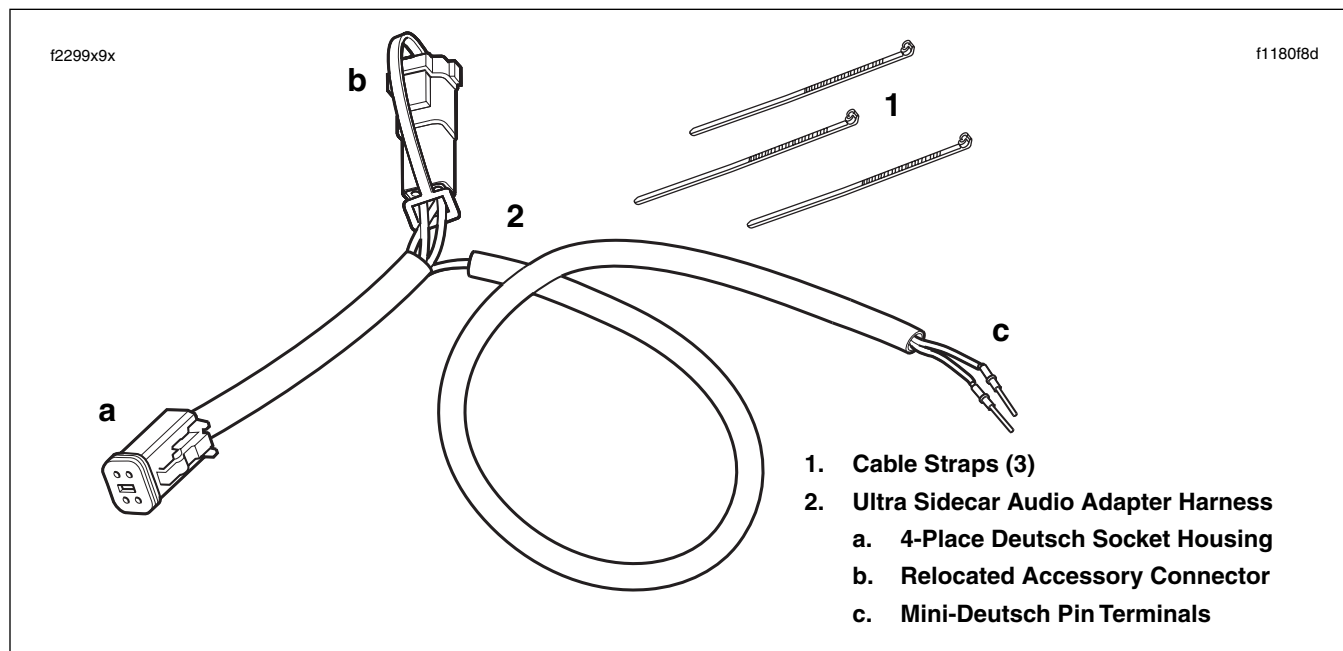
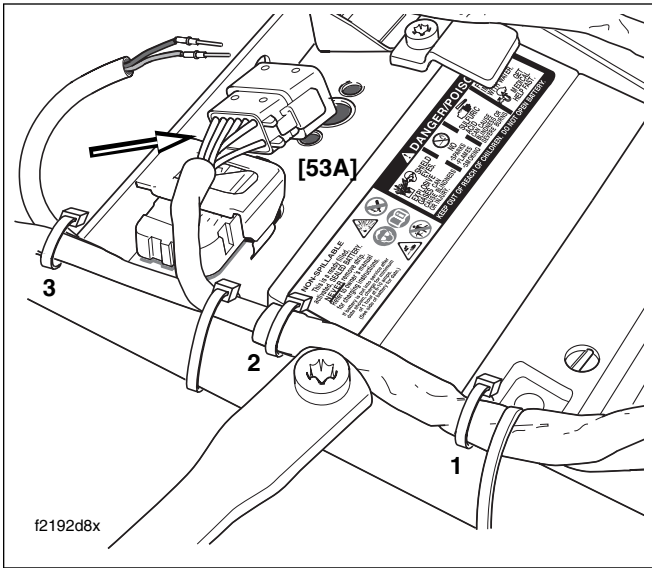


Figure 1. Ultra Sidecar Audio Adapter Harness Kit (Part No. 94264)



**Figure 2. Install Three Cable Straps**

7. Loosely install three cable straps from kit to secure audio adapter harness to motorcycle audio harness. See Figure 2.
8. Release console pod/sidecar audio connector [53], 12-place Mini-Deutsch, from attachment clip anchored in hole of frame crossmember.
9. Depress external latches to release pin housing of console pod connector [53A] from socket housing of sidecar audio connector [53D].
10. Remove secondary locking wedge from pin housing [53A].
11. Push **orange/red wire** pin (power) on adapter harness through wire seal into **cavity 1** of pin housing. Push **black wire** pin (ground) through wire seal into **cavity 5**. See arrow in Figure 2.
12. Gently tug on wires to verify that pins will not back out of cavities.
13. Install secondary locking wedge into pin housing.
14. Insert socket housing of sidecar audio connector [53D] into pin housing of console pod connector [53A]. Install connector onto attachment clip anchored in hole of frame crossmember.
15. Tighten three cable straps loosely installed and then cut any excess cable strap material.
16. Insert bolt through battery negative cable (black) into threaded hole of battery negative (-) terminal. Tighten bolt to 60-96 **in-lbs** (6.8-10.9 Nm).
17. Verify proper operation of both sidecar and motorcycle audio systems.

18. Install seat. See Section 2.24 SEAT, FLHTCU, INSTALLATION, in the 2004 Touring Models Service Manual (Part No. 99483-04).

## Credit Procedures

Complete a separate warranty claim for each vehicle that requires installation of the Ultra sidecar audio adapter harness. Reference Service Bulletin M-1145 in the "Comments" or "Notes" section and be sure to include the VIN of the vehicle on which the service was performed. Fill in the rest of the claim as follows:

<b>Claim Type</b>	MC
<b>Problem Part Number/Quantity/Description</b>	70160-04 (0) Audio Harness
<b>Additional Part Number/Quantity/Description</b>	94264 (1) Ultra Sidecar Audio Adapter Harness Kit
<b>Labor/Condition Code</b>	6561
<b>Time</b>	0.5
<b>Customer Concern Code</b>	7201

Upon receipt of the properly completed claim, you will receive the labor credit shown above.

### IMPORTANT NOTE

In the interest of preserving customer safety and satisfaction, always check for outstanding recalls whenever any motorcycle is brought into your dealership for either maintenance or service.

ROUTING	SERVICE MANAGER	SALES MANAGER	PARTS MANAGER	LEAD TECHNICIAN	TECHNICIAN NO.1	TECHNICIAN NO. 2	TECHNICIAN NO. 3	TECHNICIAN NO. 4	RETURN THIS TO
INITIAL HERE									

©2004 HARLEY-DAVIDSON MOTOR COMPANY