

Tech Tips #57 - December 15, 2003

Ultra Sidecar Sound System

There was a change to the wiring on 2004 Ultra motorcycles that will create a sound system issue for an Ultra sidecar. Power and ground were deleted from the -04 motorcycle audio harness, connector (53). A production change will be made early in 2004 to the motorcycle audio harness to correct this issue. A sidecar radio adapter harness will also be available very soon for installation on Ultra sidecar motorcycles already shipped.

If your customer is unable to wait for the radio adapter harness one can be made in your dealership.

Part Requirements

- Switched Circuit Adapter, part number 70264-94A.
- Two #18 AWG wires approximately 20 inches long.
- Two terminals, part number 74190-98.
- Two #14-16 AWG butt connectors, part number 70586-93.
- One 72164-94 plug.

Procedure

- Select one of the two female housings on the Switched Circuit Adapter (SCA).
- Identify each of the wires located in terminals 1 and 4 of the housing selected.
- Remove those two wires from the housing.
- Install one terminal, part number 74190-98, on each of the 20 inch wires.
- Refer to figures 8-6 and 8-7 in the 2004 Touring Electrical Diagnostic Manual for connector locations.
- Insert the wires into positions 1 and 5 of connector (53) on the motorcycle audio harness.
- Route the two 20 inch wires alongside the audio harness between connector (53) and the motorcycle accessory connector (4).
- Using the butt connectors, splice the 20 inch wires to the SCA, - connector (53) terminal 1 to SCA terminal 1, and connector (53) terminal 5 to SCA terminal 4.
- Connect the SCA to motorcycle accessory connector (4) and plug the open housing.
- Tape the loose 20 inch wires to the motorcycle harness to prevent interference.

Credit Procedure

Complete a separate warranty claim for each Ultra sidecar installation requiring this adapter harness. Reference Tech Tips in the "Comments" or "Notes" section and include the VIN of the motorcycle on which the service was performed. Use Problem Part Number 70160-04, Quantity 0 (zero) and labor code 6940 (one hour) to cover all parts and labor.

You will be notified when the production motorcycle audio harness is revised and this adapter harness is no longer required