Ram 1500/2500/3500 **Data Interface 2013-up**

INTERFACE FEATURES

- Provides accessory power (12-volt 10-amp)
- Retains R.A.P. (retained accessory power)
- Used in non-amplified models, or when bypassing a factory amplifier
- Provides NAV outputs (parking brake, reverse, and speed sense)
- Pre-wired ASWC-1 harness (ASWC-1 sold separately)
- Retains the factory backup camera (if displayed through the OE radio)
- Retains the 3.5mm AUX-IN jack
- Retains balance and fade
- Retains safety chimes
- Micro "B" USB updatable

TOOLS REQUIRED

- Wire cutter • Crimp tool • Solder gun • Tape
- Connectors (example: butt-connectors, bell caps, etc.)

INTERFACE COMPONENTS

- LC-CHRC-01 interface
- LC-CHRC-01 harness

***CAUTION!** All accessories, switches, climate controls panels, and especially air bag indicator lights must be connected before cycling the ignition. Also, do not remove the factory radio with the key in the on position, or while the vehicle is running.*

APPLICATIONS

RAM

1500/2500/3500 (small screen option)	2013-up	Chassis Cab 3500/4500/5500 (small screen option)	2013-up

CONNECTIONS TO BE MADE

From the LC-CHRC-01 harness to the aftermarket radio:

- Connect the **Black** wire to the ground wire.
- Connect the **Yellow** wire to the battery wire.
- Connect the **Red** wire to the accessory wire.
- If the aftermarket radio has an illumination wire, connect the **Orange** wire to it.
- Connect the **Gray** wire to the right front positive speaker output.
- Connect the **Gray/Black** wire to the right front negative speaker output.
- Connect the **White** wire to the left front positive speaker output.
- Connect the **White/Black** wire to the left front negative speaker output.
- Connect the **Green** wire to the left rear positive speaker output.
- Connect the **Green/Black** wire to the left rear negative speaker output.
- Connect the **Purple** wire to the right rear positive speaker output.
- Connect the **Purple/Black** wire to the right rear negative speaker output.

The following (3) wires are only for multimedia/navigation radios that require these wires.

- Connect the **Blue/Pink** wire to the VSS/speed sense wire.
- Connect the **Green/Purple** wire to the reverse wire.
- Connect the **Light Green** wire to the parking brake wire.
- Connect the **Yellow** RCA jack the backup camera input.
- If retaining the factory AUX-IN jack, connect the **Red** & **White** RCA jacks to the AUX input.
- Tape off and disregard the **Blue/White** wire, it will not be used in this application.

12-pin pre-wired ASWC-1 harness:

- This harness is to be used along with the optional ASWC-1 (not included) to retain steering wheel audio controls. If the ASWC-1 is not being used, disregard this harness. If it will be used, please refer to the ASWC-1 instructions for radio connections and programming.

  Note: *Disregard the harness that comes with the ASWC-1.*

- Connect the **Red** wire to the accessory wire.

INSTALLING THE LC-CHRC-01

With the key in the off position:

- Connect the LC-CHRC-01 harness into the interface, and then to the harness in the vehicle.

  Note: *If using the ASWC-1, connect it after you initialize and test the LC-CHRC-01, with the key in the off position.*

INITIALIZING THE LC-CHRC-01

Attention! *If the interface loses power for any reason, the following steps will need to be performed again. Also, if installing an ASWC-1 connect it after you initialize and test the interface/radio, with the key in the off position.*

- Turn the key (or push-to-start button) to the ignition position and wait until the radio comes on.

  Note: *If the radio does not come on within 60 seconds, turn the key to the off position, disconnect the interface, check all connections, reconnect the interface, and then try again.*

- Turn the key to the off position, and then to the accessory position. Test all functions of the installation for proper operation, before reassembling the dash.

On our website you can discover more about car stereo and video installation parts.