



Installation instructions for part XSVI-6523-NAV

XSVI-6523-NAV Chrysler Data Interface 2013-up

INTERFACE FEATURES

- Provides accessory power (12-volt 10-amp)
- Retains R.A.P. (retained accessory power)
- Can be used in both amplified and non-amplified models
- 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
- Micro “B” USB updatable

APPLICATIONS

CHRYSLER

200 LX 2015-up

DODGE

Dart (small screen option)
2013-up

FIAT

500L 2014-up
500X 2016-up

JEEP

Cherokee Sport 2014-up
Renegade 2015-up

RAM

1500/2500/3500
(small screen option) 2013-up
Chassis Cab 3500/4500/5500
(small screen option) 2013-up
Promaster 2014-up
Promaster City 2015-up

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INTERFACE COMPONENTS

- XSVI-6523-NAV interface • XSVI-6523-NAV harness

TOOLS REQUIRED

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

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.



XSVI-6523-NAV

Connections to be made

From the XSVI-6523-NAV 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.

Note: *If installing an ASWC-1 (sold separately), there will be an accessory wire there to connect as well.*

- **For the Fiat 500L only:** Connect the **Blue/White** wire labeled “500L amp turn on” to the amp turn on wire. This wire must be connected to hear sound from the factory amplifier.
- **For all models except the Fiat 500L:** Connect the **Blue/White** wire to the amp turn on wire. This wire must be connected to hear sound from the factory amplifier.
- 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.
- If retaining the factory backup camera, connect the **Yellow** RCA jack to the backup camera input.
- If retaining the factory AUX-IN jack, connect the **Red & White** RCA jacks to the AUX input.

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.



XSVI-6523-NAV

Installing the XSVI-6523-NAV

With the key in the off position:

- Connect the XSVI-6523-NAV harness into the interface, and then to the harness in the vehicle.

Note: For the Fiat 500L and Ram Promaster City, do not connect the harness to the vehicle yet.

Note: If using the ASWC-1, connect it after you initialize and test the XSVI-6523-NAV, with the key in the off position.

Initializing the XSVI-6523-NAV

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.

For the Fiat 500L and Ram Promaster City:

- Turn the hazard lights on.
- Connect the XSVI-6523-NAV harness to the wiring harness in the vehicle.
- 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. Turn off the hazard lights. Test all functions of the installation for proper operation, before reassembling the dash.

For all other models:

- 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.