



INSTALLATION INSTRUCTIONS FOR PART INSTXSVI-6502-NAV

XSVI-6502-NAV

Chrysler accessory and NAV output CAN Interface 2004-2009

APPLICATIONS

See inside front cover

KIT FEATURES

- Provides accessory (12 volt 10 amp)
- Retains R.A.P. (Retained Accessory Power)
- Used in non-amplified systems or when replacing amplified system
- Provides NAV outputs (Parking Brake, Reverse, Mute, and V.S.S.)
- ASWC harness included (ASWC not included)
- High level speaker input
- USB updatable

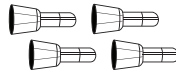
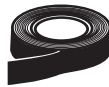
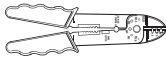
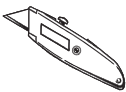
NOTE: The XSVI-6502-NAV does not retain amplified sound system.

INTERFACE COMPONENTS

XSVI Interface

TOOLS REQUIRED

- Cutting Tool • Crimping Tool • Tape • Connectors (example: butt-connectors, bell caps, etc.)





XSVI-6502-NAV

Applications

CHRYSLER

300	2005-2007
Aspen	2007
PT Cruiser	2006-2008

DODGE

Caliber	2007-2008
Charger	2005-2007
Dakota	2005-2007
Magnum	2005-2007
Ram 1500	2006-2008
Ram 2500/3500	2006-2009

JEEP

Commander	2006-2007
Compass	2007-2008
Grand Cherokee	2005-2007
Patriot	2007-2008

MITSUBISHI

Raider	2005-2007
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Caution: Metra recommends disconnecting the negative battery terminal before beginning any installation. All accessories, switches, and especially air bag indicator lights must be plugged in before reconnecting the battery or cycling the ignition.

Note: Refer also to the instructions included with the aftermarket radio.



XSVI-6502-NAV

Connections to be made

- Connect the **Yellow** wire to the radio's 12-volt battery or memory wire.
- Connect the **Black** wire to the radio's ground wire.
- Connect the **Red** wire to the ignition wire of the aftermarket radio
- Connect the **Orange/White** wire to the illumination wire of the aftermarket radio. If the aftermarket radio has no illumination wire, tape off the **Orange/White** wire.
- Connect the **Blue** wire to the antenna turn on wire of the aftermarket radio.
- Connect the **White** wire to the left front positive speaker output of the aftermarket radio.
- Connect the **White/Black** wire to the left front negative speaker output of the aftermarket radio
- Connect the **Gray** wire to the right front positive speaker output of the aftermarket radio
- Connect the **Gray/Black** wire to the right front negative speaker output of the aftermarket radio
- Connect the **Green** wire to the radio's left rear positive speaker output.
- Connect the **Green/Black** wire to the radio's left rear negative speaker output.
- Connect the **Purple** wire to the radio's right rear positive speaker output.
- Connect the **Purple/Black** wire to the radio's right rear negative speaker output.
- Connect the **Light Green** wire to the parking brake wire of the aftermarket navigation radio.
- Connect the **Blue/Pink** wire to the VSS or speed sense wire of the aftermarket navigation radio.
- Connect the **Green/Purple** wire to the reverse wire of the aftermarket navigation radio

Initialize the XSVI Interface

With all connections made and harnesses connected to the vehicle, turn the ignition key to the ON position for 30-seconds, then turn the key OFF, then ON again to test the radio.

ASWC (if installing)

After the XSVI is initialized, plug in the ASWC into the 12-pin harness of the XSVI-6502-NAV and refer to the ASWC instructions.



INSTALLATION INSTRUCTIONS FOR PART INSTXSVI-6502-NAV

IMPORTANT WARNING

This product includes instructions for installation which must be carefully followed. The instructions are worded in such a manner to assume that the installer is capable of completing these type of electronic installations. If you are unclear as to what you are instructed to do or believe that you do not understand the instructions so as to properly and safely complete the installation *you should consult a technician who does have this knowledge and understanding.*