



XSVI-5521-NAV

Ford accessory and NAV output CAN harness 2007-up

- 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, and V.S.S.)
- Prewired ASWC-1 harness included (ASWC-1 sold separately)
- High level speaker input
- USB updatable

Note: The XSVI-5521-NAV does not retain THX/SONY sound systems.

APPLICATIONS

FORD

Edge	2007-2010
Escape	2008-2012
Expedition	2007-up
Flex	2008-2012
Focus	2008-2011
Fusion	2010-2012
F-150	2009-2012
F150 STX/FX2 base/XLT base	2013
F150 STX/XLT base	2014
F250/350/450/550	2008-2012
F250/350/450/550 (XL/XLT)	2013-up
Mustang	2009-up
Taurus	2010-2012

LINCOLN

MKX	2007-2010
MKZ	2007-2009
Navigator	2007-up
<i>(only to be used when replacing an amplified system)</i>	

MAZDA

Tribute	2008-2011
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MERCURY

Mariner	2008-2011
Milan	2010-2011

WIRING UP THE XSVI-5521-NAV

- 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** wire to the illumination wire of the aftermarket radio. If the aftermarket radio has no illumination wire, tape off the orange 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.

INSTXSVI-5521-NAV

- 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.

The following wires are for the aftermarket radios that have navigation built in.

- Connect the **Light Green** wire to the parking brake wire of the aftermarket navigation radio (if applicable).
- Connect the **Blue/Pink** wire to the VSS or speed sense wire of the aftermarket navigation radio (if applicable).
- Connect the **Green/Purple** wire to the reverse wire of the aftermarket navigation radio (if applicable).
- Cycle the key by turning the ignition on for 30 seconds, then "off" and "on" again to test the radio.

XSVI-5521-NAV SUB PLUG WIRING

- Connect the (2) Blue/White wires to the amp turn on of the aftermarket radio.
- Connect the Red RCA jack to the right subwoofer output of the aftermarket radio.
- Connect the White RCA jack to the left subwoofer output of the aftermarket radio.

ASWC-1 (if installing)

After the XSVI is initialized, plug in the ASWC into the 12-pin harness of the XSVI-5521-NAV and refer to the ASWC instructions.

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 to the instructions included with the aftermarket radio.*