

Instructions for Replacing 1st Generation SmartNav / NavPlus with a DEA5XX radio

1. Remove existing head unit using radio removal tools.
2. Remove the S85-6020 support and S11-6107 bracket from the dash behind the head unit.
3. Disconnect harnesses from the existing display. The display can either be removed or left in the dash to fill the hole. **The display will not be functional.**
4. Disconnect existing head unit adaptor, AM/FM antenna cable, and audio harness from IP harness and remove, replace with new one.
 - a. Disconnect truck harness J1939 data link breakout connectors from adaptor and reconnect to each other.
5. **IF** installing a Bluetooth radio, install PP604240 microphone (sold separately) on A-Pillar as shown on next page and route the blue connector to the radio area.
6. Install the rubber bullet in the kit onto the new DEA5XX radio.
7. Connect black 16-position ISO-DIN “P541 RADIO 1” connector from new audio harness directly into radio.
 - a. **IF** the truck is equipped with premium audio, connect the yellow “P542 RADIO 2” connector to the radio.
8. Connect the new AM/FM antenna cable, existing Satellite Radio antenna cable (if applicable to new radio), and new microphone cable (if applicable) to the radio, then install the radio into the dash. Ignore the existing GPS antenna connection.
9. Reassemble the dash panels.

Radio Retrofit: Verification

After installation is complete, verify operation of the following items:

1. AM/FM/WB radio: verify reception
2. SXM Satellite radio: verify reception

PP607144-004

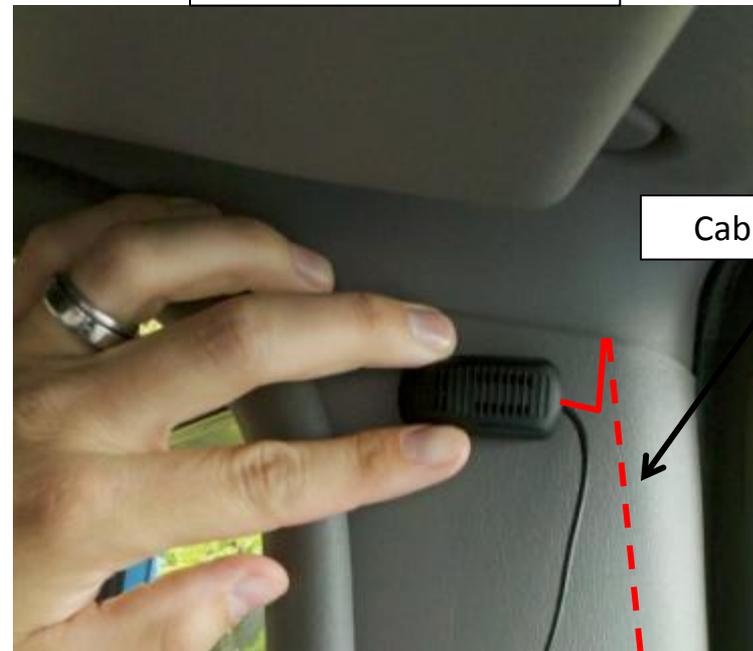
Radio Retrofit: Microphone Installation

1. Remove the A-Pillar trim.
2. Clean the top of the A-Pillar trim using a 50/50 mix of isopropyl alcohol and water.
3. Install microphone on A-Pillar trim using adhesive tape on mic. Orient the microphone as shown in the picture below.
4. Route mic cable over top of A-Pillar trim, behind trim and down into IP.
5. Reinstall the A-Pillar trim.

Microphone



Microphone (installed)



Cable Routing