



OE-STYLE TOUCHSCREEN NAVIGATION UNIT W/SMARTPHONE LINK

(07-18 WRANGLER JK)

(08-14 CHALLENGER)

(08-10 CHARGER)

(09-12 RAM)

INSTALLATION INSTRUCTIONS

CONTENTS

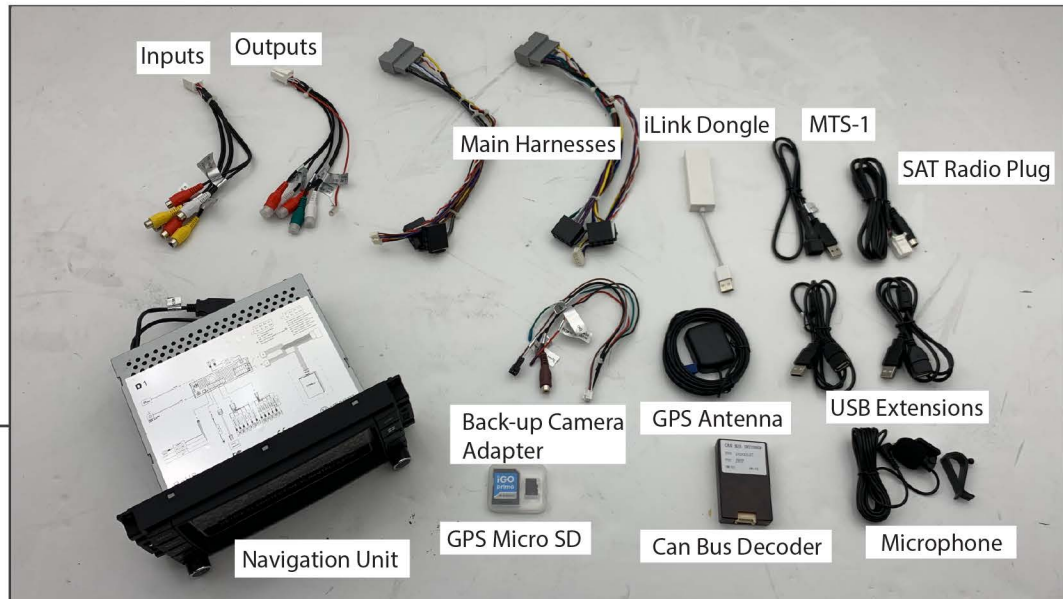
-See Step 1

TOOLS REQUIRED

Flat Blade Screwdriver
7mm Socket
Socket Wrench

SKU # J138942

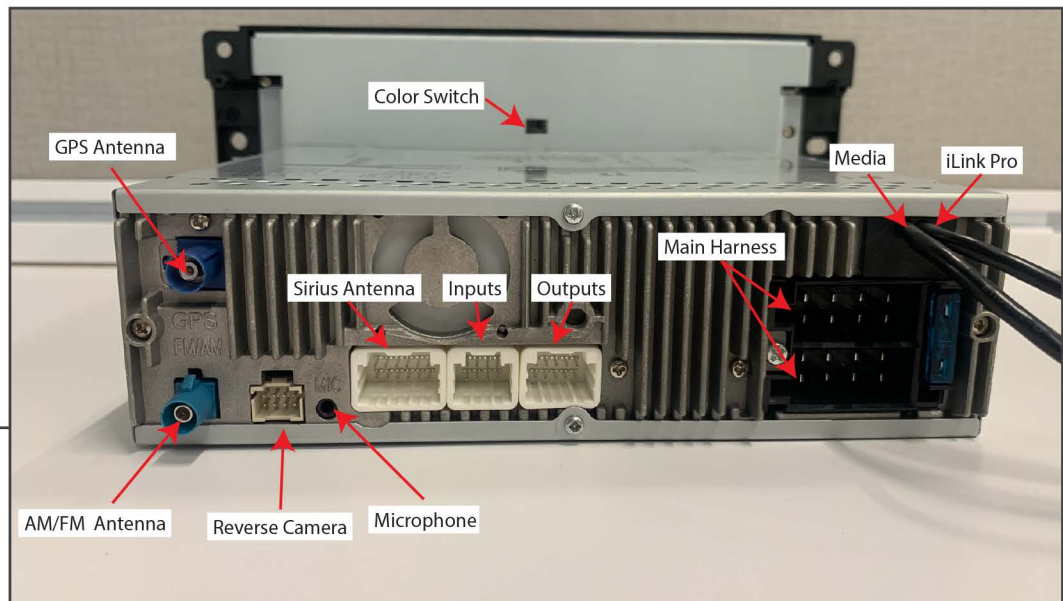
STEP 1



Identify the contents on the package.

- | | | |
|--------------------------------|----------------------------------|--------------------------------|
| (1) Navigation Unit | (1) Main Harness Amplified | (1) Main Harness Non-Amplified |
| (1) Can Bus Decoder | (1) AUX Input Harness | (1) AUX Output Harness |
| (1) Factory USB Adapter(MTS-1) | (1) Sirius Radio Adapter Harness | (1) GPS Micro SD |
| (1) Microphone | (1) GPS Antenna | (1) USB Extension Cord |
| (1) GPS Micro SD | (1) iLink USB Dongle | (1) iLink Extension USB Cord |

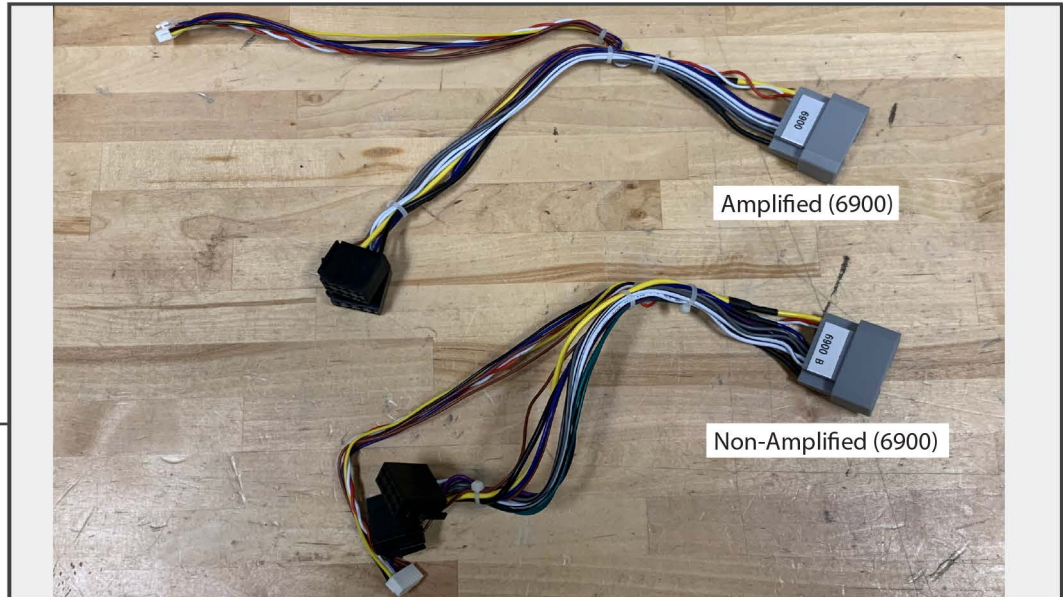
STEP 2



Identify the harness locations on the back of the navigation unit. Please Note: All harnesses are not required for installation, and not all plugs on all the harnesses will be used for every application.

**The Color Switch will change the button back-light. To the left will be Jeep Green, to the right is Dodge blue. Adjust the switch for your application to better match the factory interior.

STEP 3

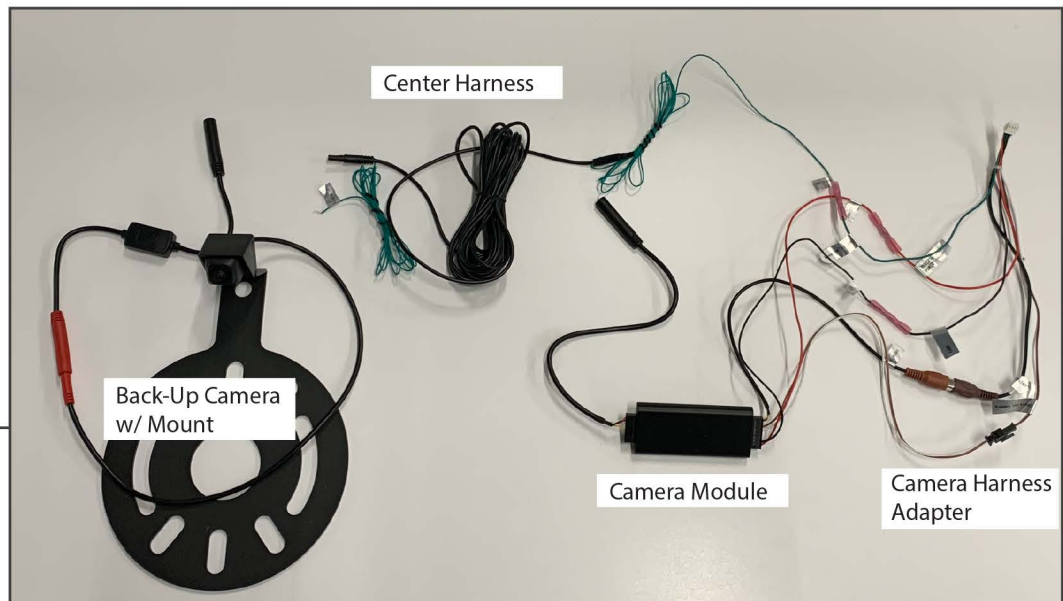


Identify the correct main harness for your vehicle. Note the number of wires entering the gray plug. The amplified harness will have less pins in the connector.

Amplified Harness(6900): This will be used for vehicles with factory amplified stereos. See note regarding audio settings under ** No Audio Trouble Shooting on the last page of the instructions.

Non- Amplified Harness(6900-B): This will be used for vehicles with base stereos.

STEP 4 (Available Separately J142379)

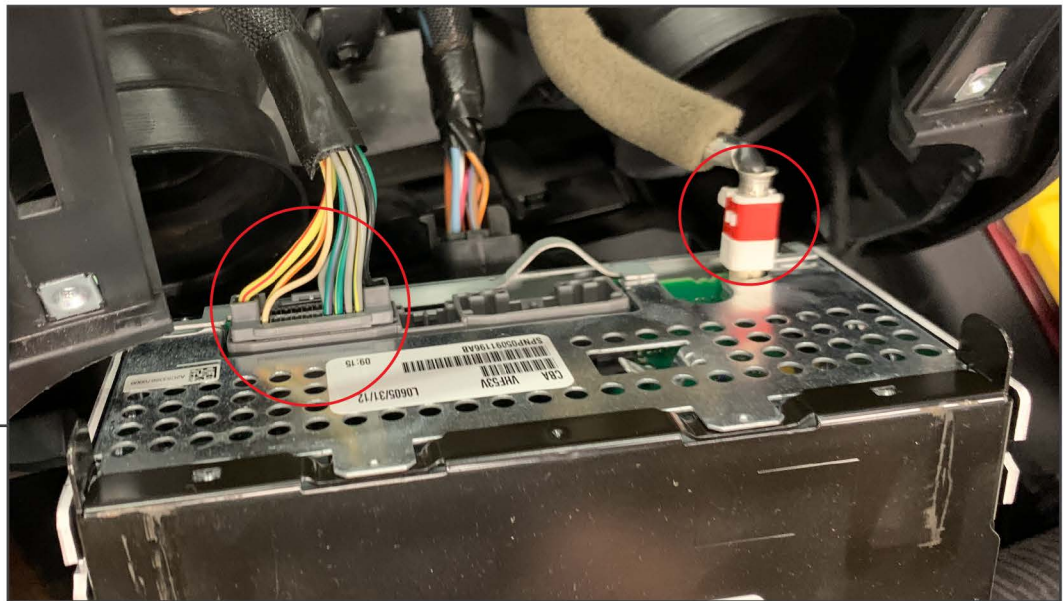


Identify the components of the reverse camera. The center harness has (2) Green wiring leads, these are not required when using the Navos unit. Connect the red and black wire from the camera module to the camera harness adapter. Connect the brown RCA plugs. Lastly connect the (2) pin connector. Route the Center Harness through the vehicle to connect the camera to the navigation unit. **Note: Camera Mount will vary by application.



STEP 5

Remove the vehicles dash bezel to access the screws securing the radio to the vehicle. Using a 7mm socket, remove the (4) screws.



STEP 6

Pull the factory radio away from the dash board, disconnect the various electrical connectors on the back of the unit.



STEP 7

- Install the Navos unit using the appropriate main harness for the vehicle.
- Place the GPS Antenna on a metal surface behind the dashboard.
- Route the iLink and USB Cables to the glove box.
- Route the Microphone to the desired location on the driver side of the vehicle, adjust mounting position for best sound quality.
- Connect and route the back-up camera.
- Add additional input and outputs as needed/desired for your application.
- Ensure the radio and GPS antennas are connected.

Install the Navos unit in reverse order using the factory hardware.

****No Audio Trouble Shooting****

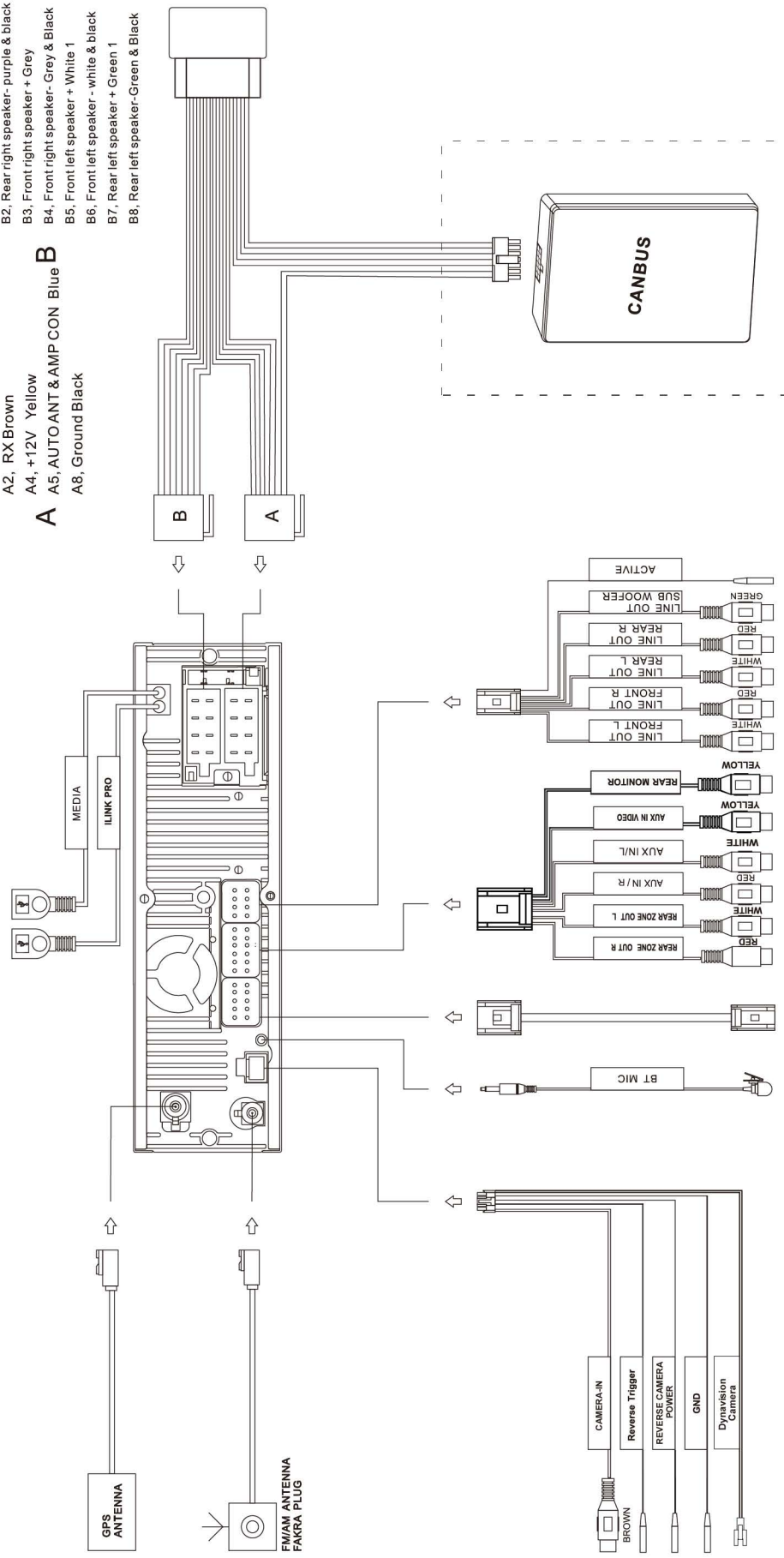
Factory Amplified systems must select "OE DSP AMP" for audio to work.

Reference page 70 of the user manual to select the "OE DSP AMP" setting failure to do so will result in extremely low Volume.



- A1, TX Brown & Black
- A2, RX Brown
- A4, +12V Yellow
- A5, AUTO ANT & AMP CON Blue
- A8, Ground Black

- B1, Rear right speaker + purple
- B2, Rear right speaker - purple & black
- B3, Front right speaker + Grey
- B4, Front right speaker - Grey & Black
- B5, Front left speaker + White 1
- B6, Front left speaker - white & black
- B7, Rear left speaker + Green 1
- B8, Rear left speaker - Green & Black



RoHS

FC

CE

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