

NAV-TV

INTERFACING THE FUTURE

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PCM4-VIM

Video in Motion for Porsche PCM4.0

NTV-KIT802



BHM
12/20/16
NTV-DOC289

Overview

The PCM4-VIM enables video to play while in motion (passenger entertainment only) for the new Porsche PCM4.0-equipped infotainment radios. It will allow BT setup, DVD, USB, SD playback & Apply CarPlay functionality while in motion. This kit is not currently plug & play and must be manually wired behind the radio.

Kit Content



VIM Module Harness
NTV-HAR128



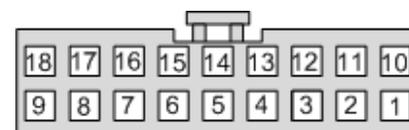
PCM4-VIM Module
NTV-ASY256



USB Cable (updates)
NTV-CAB009

PCM4-VIM Pin Out

Pin	Description	Color
1	Constant 12v (+) IN	Yellow
4	INPUT 3 (VIM act)	Orange
8	CAN HI (radio)	White/Blue
9	CAN HI (car)	White/Brown
10	Ground (-)	Black
11	OUTPUT 1 (RAP ACC)	White/Red
12	OUTPUT 2 (REV OUT)	White/Blue
17	CAN LO (radio)	Blue
18	CAN LO (car)	Brown

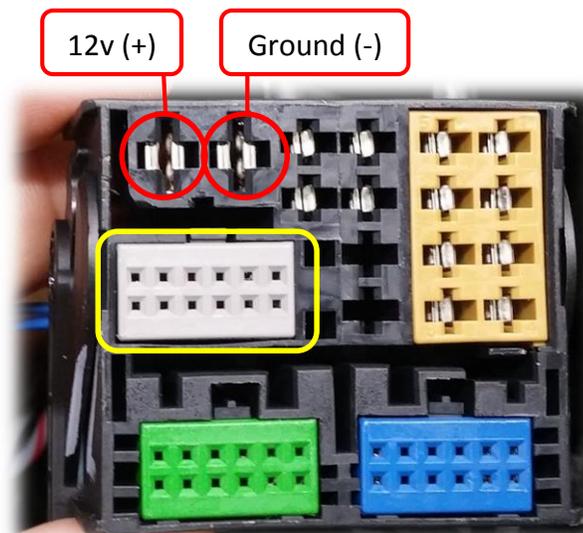


Wire Side

NOTE: All other wires in this harness are not used for this installation.

PCM4-VIM Installation

1. Remove PCM4 radio. Disconnect all harnesses and set the radio aside.
2. Connect the **black wire to ground (-)** and **yellow wire to constant 12v (+)** in the main radio harness. Use the image here (right) for visual aid (test wires!).
3. Locate the **GRAY connector** in the OEM quad-lock connector. *This is the connector which the CAN wires must be spliced onto (yellow square, right).*
4. On the gray connector mentioned in step 3, locate OEM **blue & blue/black twisted pair**. Cut this pair of wires in **HALF**.
5. Connect (solder) the following wires from the provided VIM Module harness to the OEM wires:



From VIM Module:	To OEM Harness:
PIN 8 (White/Blue)	Blue/Black, Radio side
PIN 9 (White/Brown)	Blue/Black, Car side
PIN 17 (Blue)	Blue, RADIO side
PIN 18 (Brown)	Blue, CAR side

6. Isolate new connections to radio harness and replace radio into sub-dash.
7. **Optional (or for vehicles without SW control):** Sending **INPUT 3 (12v +)** through a toggle (not included) will activate VIM. Otherwise, an OEM button will control VIM activation normally.
8. Proceed to next section for PCM4-VIM functionality.

PCM4-VIM Operation

- While the vehicle is running, play a DVD or USB video on screen. Place car into drive, the video should disappear. **Press and HOLD 'Return' on the steering wheel for 3 seconds** and the video will return. This action will reset upon each key-cycle.

