



SALES

800-365-6060

TECH SUPPORT

833-AIS-TECH

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**PORMOD**

**REAR CAMERA INTERFACE FOR  
PORSCHE PCM 3.0 & PCM 3.1  
w/SOFTWARE VER. 4.0 OR GREATER**

**Applications**

**Porsche**

- |                    |                    |
|--------------------|--------------------|
| 2014 - 16 Macan    |                    |
| 2014 - 16 911 GT3  | 2009 - 16 Cayenne  |
| 2013 - 16 911*     | 2014 - 16 Cayman*  |
| 2014 - 16 Boxster* | 2010 - 16 Panamera |

**\* Requires software version 4.00 or better**

**IMPORTANT !!**

IF THE APPLICATION REQUIRES A PCM3.1 RADIO , MAKE SURE THE RADIO HAS THE TUNER AND MEDIA BUTTONS SHOWN IN THE PICTURE BELOW. IF THE APPLICATION THAT REQUIRES THE PCM3.1 RADIO AND THE RADIO DOSE NOT LOOK LIKE THE ONE PICTURED BELOW ... STOP ... THIS MODULE WILL NOT WORK.



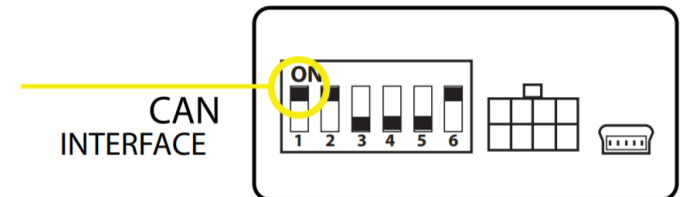
**Turning on the Camera Selection**

Once the radio have been coded for the rear camera, you must turn on the camera in the option menu of the radio.



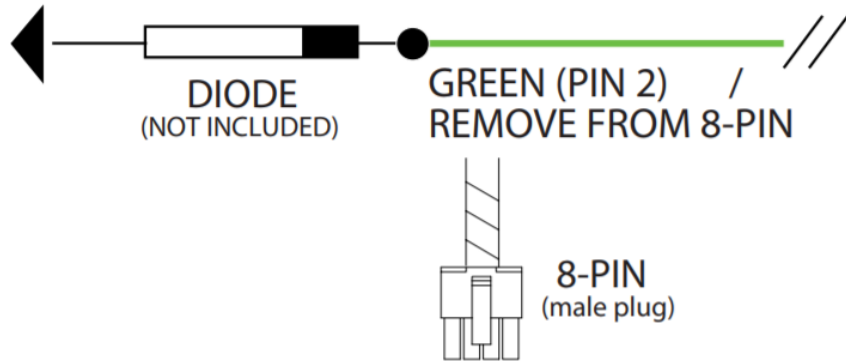
**VIM (VIDEO IN MOTION)**

Permanent Activation: By activating dip switch number "1" to the "ON" position the Video In-Motion is permanently active. Note: Having the Video In-Motion active will not effect the GPS performance.



## VEHICLE WITH MANUAL TRANSMISSIONS

1. Remove the GREEN wire (Pin 2) from the 8-Pin connector.
2. Connect the GREEN wire to the REVERSE light from the car. We recommend using a DIODE when connecting.
3. Make sure nothing is populating Pin 2 on the 8-Pin connector.



### Testing the camera

Once the radio has been programmed, camera has been installed, and the rear view camera has been turned on through the radio, start the car and place in reverse. The rear camera image will pop up on the factory screen.

If no image appears, make sure that all the doors, hood, and trunk are closed.

IF THE E-BRAKE IS ON THE CAMERA WILL NOT APPEAR ON THE RADIO.

**For TECH SUPPORT call 833-AIS-TECH**

### Parts inside the box

- Interface module
- Plug N Play T-Harness

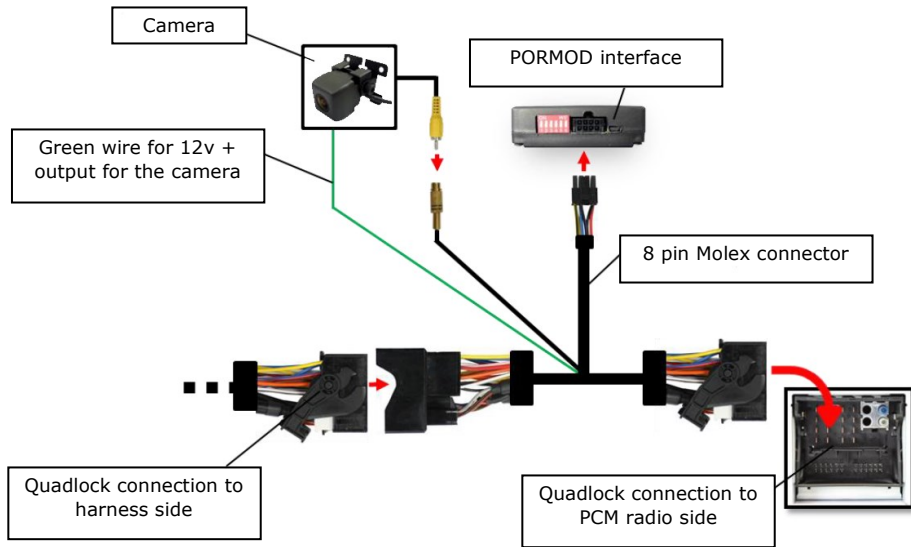


### Parts inside the box

You can determine which version software you have by press and holding both the source and info button (CIRCLED BELOW IN YELLOW) at the same time. The software will then pop up on the screen. If the software is lower than VER 4.0 this module will not work.



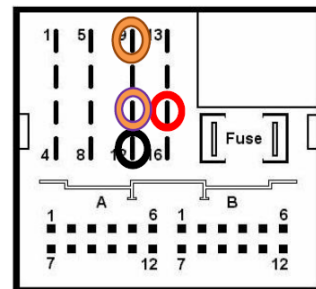
**Wiring Diagram**



**Switch off ignition and disconnect the vehicle's battery! If according to factory rules disconnecting the battery has to be avoided, it is usually sufficient to put the vehicle in sleep-mode. In case the sleep-mode does not show success, disconnect the battery with a resistor lead.**

**Pin-assignment factory connector**

Cable colour	Assignment	Pin No.
● Red	+12V battery	Pin 15
● Black	Ground	Pin 12
● Orange/brown	CAN-low	Pin 9
● Orange/purple	CAN-high	Pin 11



**No liability for vehicle wire colors and pin definition! Possible changes by the vehicle manufacturer. The given information must be verified by the installer.**

**Coding and decoding of rear-view camera (only Porsche Cayenne with PCM3)**

Dip	Function	ON	OFF
<b>Dip 3</b>	<b>Rear-view camera</b>	Coding	Decoding

The rear-view camera coding and decoding can be done by loose white cable in connection with dip 3.

1. Turn on ignition.
2. Wait until the head-unit has booted.
3. Set dip 3 of CAN-box (depending on the desired coding/decoding)
4. Put +12V for 5 sec. to the white cable.
5. During configuration the red and blue LED are blinking short inside the CAN-box (visible at the male 8pin Molex connector). The PCM makes a reset after 5-10 sec.
6. The red and the blue LED inside the CAN-Box are glowing and the menu „Rear-view camera“ appears in the menu OPTION after a successful coding (or disappears after successful decoding) Note: After a coding or decoding another coding isn't possible within the next 60 seconds!

### Optionally coding of ParkAssistant to retrofit factory PDC (only PCM3.1)

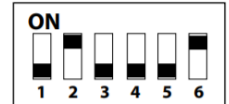
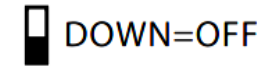
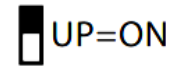


It is necessary to code the ParkAssistant of the PCM 3.1 to retrofit factory PDC.

1. Turn on ignition
2. Wait until the head-unit has booted
3. Press and hold steering-wheel button BACK
4. Press and hold steering-wheel button ACCEPT (observe the sequence!)
5. Hold both buttons. During configuration the red and blue LED are blinking inside the CAN-box (visible at the male 8pin Molex connector). The PCM makes a reset after 5-10 sec.
6. Disengage both steering-wheel buttons
7. The red and the blue LED inside the CAN-Box are glowing and the menu „ParkAssistant“ appears in the menu OPTION after a successful coding

### Dip Switch Settings

DIP SWITCH DESCRIPTION  
LOCATED ON THE CAN MODULE.



- DIP 1 = Video In-Motion Enable
- DIP 2 = Factory Rear-View Camera
- DIP 3 = Code Rear-View Cam w/ White Wire
- DIP 4 = Code Park Assist w/ White Wire
- DIP 5 = Not Used
- DIP 6 = Can-Bus Termination

Set DIP Switch **#6 and #2** to the **ON** position before plugging the module into the T-harness.

At anytime if you need to change the DIP switches, with the radio off, Disconnect the module from the T-Harness. Once unplugged make the change that is desired and plug the module back into the T-Harness. Once the module is plugged back in, turn on the vehicle.

**PROCEED TO THE RADIO CODING PROCESS**

**Coding of the rear-view camera (only PCM3.1)**



Steering-wheel buttons left



Steering-wheel buttons right

1. Turn on ignition
2. Wait until the head-unit has booted
3. Press and hold steering-wheel button HASH KEY/MODE
4. Press and hold steering-wheel button ACCEPT (observe the sequence!)
5. Hold both buttons. During configuration the red and blue LED are blinking short inside the CAN-box (visible at the male 8pin Molex connector). The PCM makes a reset after 5-10 sec. 6.
6. Disengage both steering-wheel buttons
7. The red and the blue LED inside the CAN-Box are glowing and the menu „Rear-view camera” appears in the menu OPTION after a successful coding.

**Coding of the rear camera without Steering**

**Controls (only PCM3.1)**

Alternatively coding and decoding of the rear camera and Park Assistant if the vehicle does not have steering-wheel buttons can be done by loose white cable in harness.

Dip	Function	ON	OFF
Dip 3	Rear-view camera	Coding	Decoding
Dip 4	ParkAssistant	Coding	Decoding

Step 1) Turn on ignition

Step 2) Wait until the head-unit has booted

Step 3) Set dip 3 and dip 4 of CAN-box (depending on the desired coding/decoding)

Step 4) Put +12V for 5 sec. to the **WHITE** wire.

Step 5) During configuration the red and blue LED are blinking short inside the CAN-box (visible at the male 8pin Molex connector). The PCM makes a reset after 5-10 sec.

Step 6) The red and the blue LED inside the CAN-Box are glowing and the menu “Rear-view camera” respectively “ParkAssistant” appears in the menu OPTION after a successful coding (or disappears after successful decoding)

**Note:** After a coding or decoding, another coding isn’t possible within the next 60 seconds.

**If the factory-PDC is existing in the car, you have to set Dip 4 to ON while coding. If not the factory PDC will be decoded!**