

# NAV-TV

INTERFACING THE FUTURE

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## MAS-TV2 VIM

Maserati AV Input with Video in Motion

*NTV-KIT413*

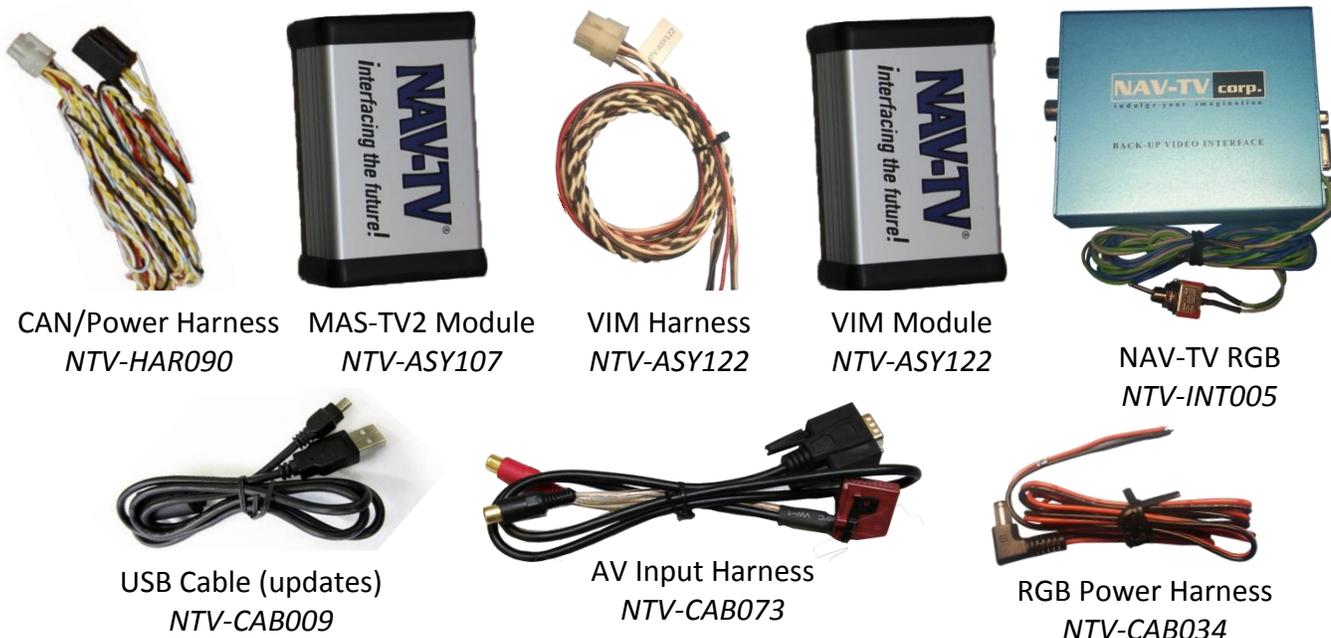


BHM  
12/02/14  
NTV-DOC196

Overview

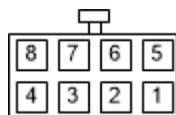
The Mas-TV2 adds audio and video input to the factory media screen on select Maserati vehicles. This kit is not intended for a backup camera solution, it only emulates the factory TV Tuner.

Kit Contents

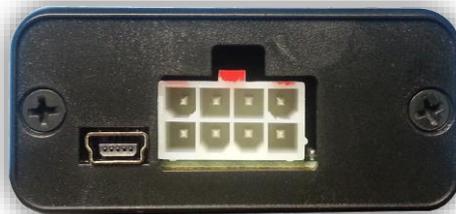


MAS-TV2 Module Pin Out

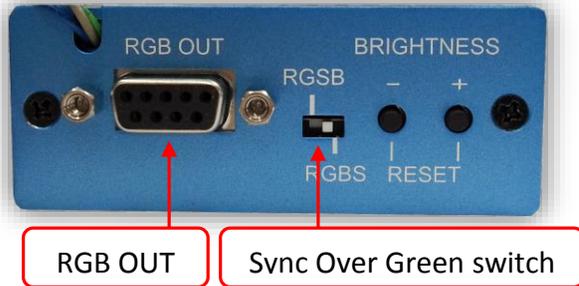
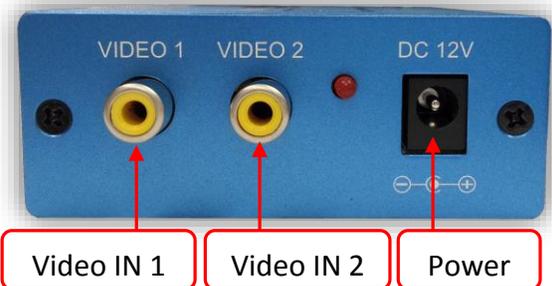
Pin #	Description	Color
2	Constant 12v (+)	Red
6	Ground (-)	Black
7	CAN LO	Yellow
8	CAN HI	Yellow/White



Additional wires are not used.



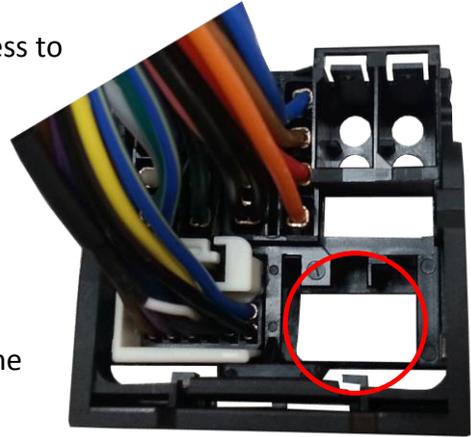
NAV-TV RGB Pin Out



Agreement: End user agrees to use this product in compliance with all State and Federal laws. NAV-TV Corp. would not be held liable for misuse of its product. If you do not agree, please discontinue use immediately and return product to place of purchase. This product is intended for off-road use and passenger entertainment only.

## Installation

1. Remove the cup holder insert and remove (1x) Phillips screw. Pull up the shifter trim panel and unplug connectors to lights under trim panel.
2. Using a plastic trim tool remove the AC vent and clock trim panel above radio and unplug the clock.
3. Remove (4x) Phillips screws from around radio and climate control panel. Two above and two below the panel.
4. Pull out the radio climate control panel to gain access to back of radio.
5. Disconnect the 44-pin main power plug from the factory radio.
6. Connect the black plug from the provided **CAN/Power** harness to the port on the main power plug it is keyed to fit (see diagram at right).
7. From the provided **CAN/Power Harness**, connect the black wire to ground (-).
8. From the provided **CAN/Power Harness**, connect the red wire to Constant 12v (+).
9. Connect the white, 8-pin Molex connector to the MAS-TV2 CAN module.
10. Place the interface module in the dash behind the radio.
11. Connect the red, 18-pin cam-lock style provided **AV Input Harness** plug to the back of the radio where it is keyed to fit. Connect your AUX AV source signals to the red/black RCA's attached to this plug for audio input.
12. Connect the other end of the provided **AV Input Harness** to the provided **NAV-TV RGB** at the port labeled '**RGB OUT**'.
13. Connect your AUX Video source to the port on the provided RGB labeled '**Video 1**'.
14. From the provided **RGB Power Harness**, connect the black wire to Ground (-). Connect the red wire to a 12v (+) accessory source. Connect the free end of this plug to the power port on the provided **NAV-TV RGB**.
15. Reassemble dash in reverse order.



## MAS-TV2 Operation

**With the car on, make sure your AV source is powered on:** Press the **'TV'** button on the dash, beneath the radio face. Your AV source will appear on the screen and audio will take over.



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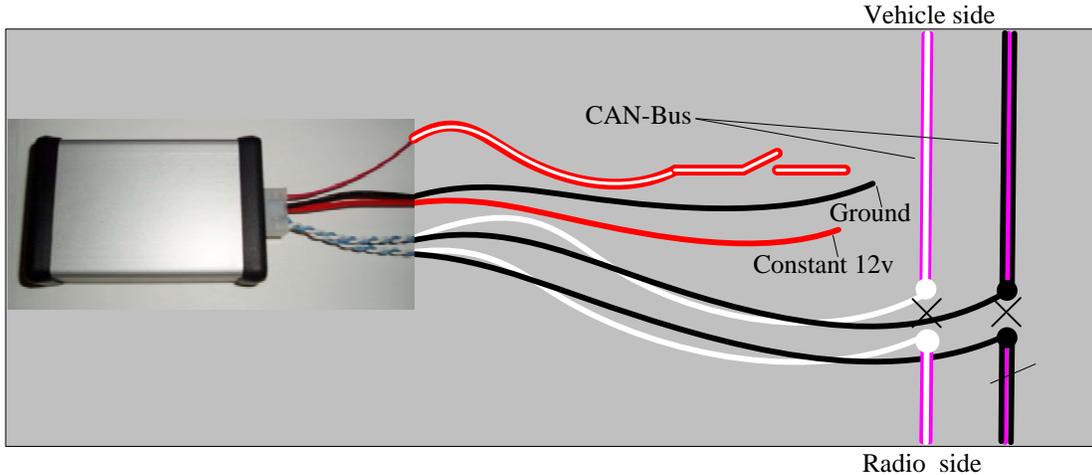
## MAS-VIM Installation Instructions

NTV-KIT073

*For Maserati*



Red: Constant Power  
 Black: Ground  
 Red w/white: Video in Motion Trigger  
 Twisted White and Black: CAN Bus



All wire connections **must** be soldered. The **red w/white** wire must be connected to 12 volts through a toggle switch. This toggle switch will activate video in motion. Please note: If the toggle switch is in the "on" position, navigation may not be functioning to it's full capacity until the toggle switch is back in the "off" position.

### CAN-Bus wiring

Once the Radio is removed, you'll notice a label on the top side of the chassis of the radio. Take note of the the pinouts of the 2 wires marked "B CAN+" and "B CAN-". These 2 wires are the CAN-Bus wires. They need to be cut and connected to the Twisted pairs of Black and White wires of our CAN-bus Filter according to the table chart to the right. There is no "input" and "output" for the CAN-bus wires since the Filter is designed to detect which is in and out. Please note that the color of the B CAN wires vary sometimes, but you can always use the pinout label on top of the radio.

Pink/White	Black/Pink
Twisted White Nav-TV	Twisted Black Nav-TV