

# NAV-TV

INTERFACING THE FUTURE

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## Equus VIM

2011-2013 Hyundai Equus Video in Motion

*NTV-KIT497*



BHM  
07/3/14  
NTV-DOC186

Overview

The Equus VIM enables video in motion on the 2011-2013 Hyundai Equus. The system allows video playback of both DVD and video files on USB flash drive. Additionally, the user can force the factory rear camera at any time in any gear (or trigger for an additional video input, *NTV-KIT436 required*).

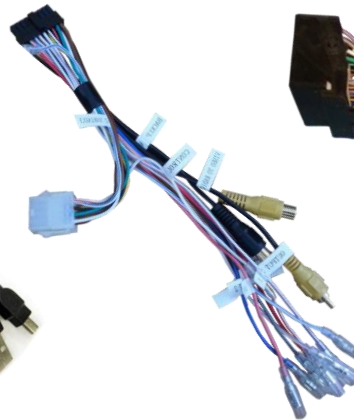
Kit Contents



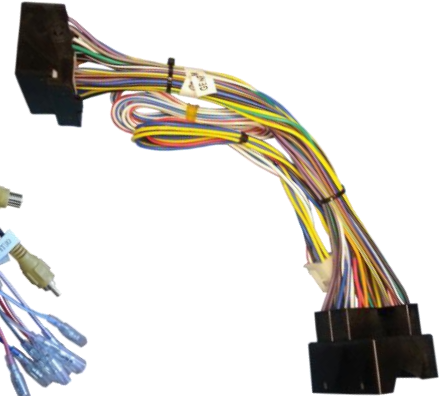
Equus VIM Module  
*NTV-ASY171*



USB Cable (updates)  
*NTV-CAB009*



CAN Adapter  
*NTV-HAR058*



Plug & Play T-Harness  
*NTV-HAR116*

Equus VIM pin outs

PIN #	Description	Color
1	12v Constant	Yellow
2	Input 1 (VIM activation)	Red
3	Input 2 (Forced Camera)	Blue
8	CAN HI (Radio)	White/Green
9	CAN HI (Car)	Brown/Black
10	Ground (-)	Black
11	Output 1 (ACC OUT)	White/Red
12	Output 2 (12v via 'Display' button)	White/Blue
17	CAN LO (Radio)	Green
18	CAN LO (Car)	Brown



**Wire Side**

**Note: Any other wires/connectors not mentioned here are NOT used for this install!**

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.

## Equus Dash Disassembly

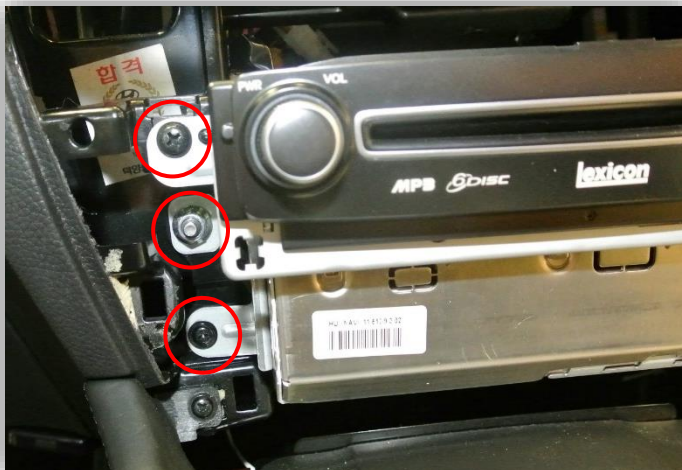
1. With a plastic tool, remove the panel beneath the CD drive, it is held in with clips only.



2. Pry around the edges of vents and climate knobs and pull the dash panel from the sub-dash (towards you). Disconnect all associated harnesses. If possible, remove the **AIRBAG** light and reconnect to its harness before testing.



3. Remove (4x) Phillips head screws and (2x) 10mm nuts securing the radio to the sub-dash.

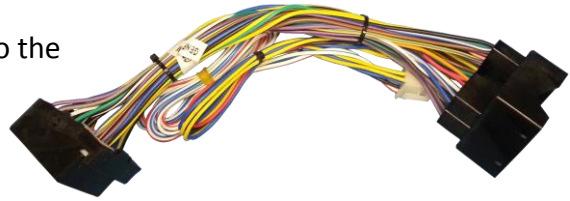


4. Disconnect all harnesses and set the radio aside.

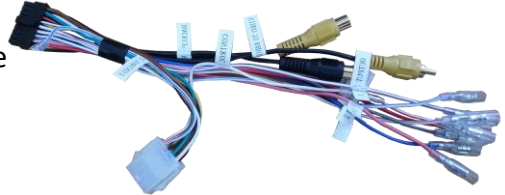
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## Equus VIM Installation

1. Connect the main 44-pin factory radio plug to the female side of the provided **Plug & Play T-Harness**.



2. Connect the provided **CAN Adapter** harness to the 8-pin Molex connector located on the same T-harness from step 1.



3. **Optional:** If forced rear camera is desired, connect **Output 2 (White/Blue)** with **Input 2 (Blue)** from the 18-pin interface connector.

4. Connect the **Equus VIM** module to the 18-pin connector and secure somewhere behind the dash.



5. Connect the male end of the provided **Plug & Play T-Harness** to the radio, connect all other plugs to the radio and remount into the sub-dash. Proceed to **Equus VIM Operation**.

## Equus VIM Operation

**To toggle VIM:** *press and hold* the **Voice Command button** on the steering wheel for 3 seconds. This feature will reset upon every key cycle.



- Additionally, sending 12v to **Input 1 (Red wire)** will activate VIM as well (use only one method).

**To Force the rear camera:** press the **Display** button beneath the factory screen twice within 1 second. **Note:** *Output 2 must be connected to Input 2 for forced camera operation through this factory button (step 3).*



- Additionally, sending 12v to **Input 2 (Blue wire)** will force the camera as well (use only one method).