

NAV-TV

INTERFACING THE FUTURE

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W166-VIM

Video in Motion interface for '16 W166 chassis

NTV-KIT720

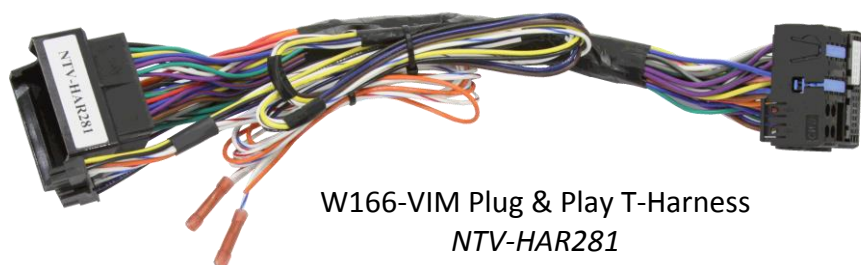


2016 GLE

Overview

The W166-VIM adds Video in Motion (DVD, SD and USB) to the 2016 Mercedes GLE vehicles. Installation is performed entirely behind the radio and VIM is user-activated using a factory steering wheel button or a wire trigger. *Note: more vehicles will be added as they are validated.*

Kit Contents



W166-VIM Plug & Play T-Harness
NTV-HAR281



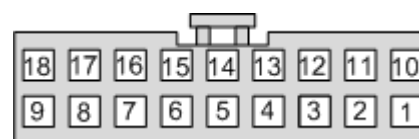
W166-VIM Module
NTV-ASY166



USB Cable (updates)
NTV-CAB009

W222-VIM pin outs

Pin #	Description	Color
1	Constant 12v (+) INPUT	Yellow
2	INPUT 1 VIM Activation	Orange
8	CAN HI (radio side)	White/Blue
9	CAN HI (car side)	White/Brown
10	Ground (-) INPUT	Black
11	OUTPUT 1 ACC 12v (+)	
12	OUTPUT 2 Reverse 12v (+)	
17	CAN LO (radio side)	Blue
18	CAN LO (car side)	Brown



Wire side

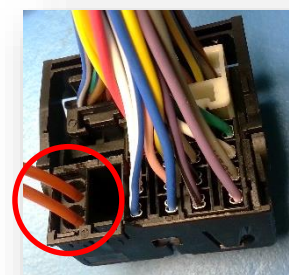
W166-VIM Radio Removal (GLE)

1. Remove climate control panel using plastic pry tools (clips only).
2. Remove radio trim using plastic tools (clips only).
3. Remove (2x) Torx screws on the bottom left and right side of the radio (previously hidden by radio trim).
4. Once screws are removed, slide the silver metal brackets downwards (towards floor) to release radio from sub-dash.
5. Pull radio straight towards you, disconnect all harnesses and set the radio aside.



W166-VIM Installation

1. Locate and remove the OEM (typically orange) MOST fiber optic connector from the main Euro-style radio plug. This will be connected to the male end of the NAV-TV harness in step 3.
2. Connect the (female end) of the provided **Plug & Play T-Harness** to the main Euro-style radio plug. Drop the 18-pin connector down beneath the radio sub dash area to behind the climate control area for ease of install.
3. Connect the OEM MOST fiber optic plug to the male end of the provided **Plug & Play T-Harness** in the same location it was removed (from the OEM plug).
4. Connect the male end of the NAV-TV harness to the radio at the proper port. Reconnect all other harnesses and reinstall the radio into the dash.



5. Connect the W166-VIM module to the 18-pin connector.
6. **Optional:** if using the wire trigger to activate VIM, connect **INPUT 1** to an ACC source *though a toggle* (not included). Otherwise, the OEM steering wheel button will activate/deactivate VIM.
7. Re-install radio and Proceed to **W166-VIM Operation**.

W166-VIM Operation

To activate VIM, double tap the MUTE button on the steering wheel. Alternatively, sending 12v power to INPUT 1 will activate VIM as well. This feature will recycle upon every ignition key cycle.



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