



VIM221 Video In Motion Interface for 2008 S and CL Class

WARNING

DO NOT USE THIS VIDEO-IN-MOTION INTERFACE WHILE DRIVING. INTERFACE IS DESIGNED FOR PASSENGER USE ONLY. USE THIS PRODUCT IN ACCORDANCE WITH ALL STATE AND FEDERAL LAWS. MIDCITY ENGINEERING IS NOT LIABLE FOR MISUSE OF THIS PRODUCT.

Thank you for purchasing the VIM221 Video In Motion Interface. The interface module works by utilizing the vehicle CAN network to Set Special Conditions for the command unit only to allow the Factory DVD player or Video Aux Input to be viewed while in Motion.

Operation

The basic operation of the VIM221 is as follows. Select either a DVD or Video Aux Input. Both Options are available by selecting the 'Video' option on the command screen followed by either 'DVD' or 'Video Aux'. Shift out of PARK. The command screen will now interrupt video and display a message indicating that video is not allowed while the vehicle is moving. Press and hold the 'MUTE' button on the steering wheel for 2 seconds. The video will now be restored. If Audio messages are selected to be displayed on the instrument cluster, then 'Video On' will also be displayed. To disable Video in Motion, press 'MUTE' again for 2 seconds.

Installation

Installation requires the following parts and tools:

1. VIM221 Module
2. 10 mm Socket and Driver
3. T-25 Driver

Total Installation Time: 10-20 Minutes.

Note 1: CAN Connector Selection Procedure.

There are three connectors populating the (yellow) CAN distributor. The command radio connector must be identified and plugged into the matching socket on the VIM221. To identify the radio connector, turn ignition on without starting the engine. Now disconnect only one connector at a time, watching for error messages on the instrument cluster (error will occur 2 seconds after the connector is unplugged). The radio connector will NOT produce an error message when disconnected but the radio will turn off. The other two connectors will both produce error messages. Turn the ignition off. Once the radio connector has been identified, plug it into the matching socket on the VIM221. Now plug the other connector on the VIM221 in place of the removed radio plug in the CAN distributor. The end result will have the VIM221 connected in between the radio plug and the CAN distributor.

Note 2: CAN traffic LED indicator.

The LED on the VIM221 will indicate when CAN traffic is present. During proper operation the LED will remain lit whenever messages are being sent or received. This will include anytime the ignition is on or when the key fob or buttons are pressed. The LED will also remain on for up to 1 minute after the ignition is turned off. Once CAN traffic has stopped the VIM221 module will sleep. This is verified by intermittent blinking of the LED every 5-8 seconds.



1. Pry left side fuse cover



2. Unscrew (2) T-25 Bolts



3. Remove Fuse Panel



4. Locate CAN Distributor Panel



5. Remove Panel



6. Unclip socket with yellow wires



7. VIM221 Module



8. Unplug Radio Plug (See Note 1)



9. Wrong plug gives error message



10. Connect Radio Plug to VIM221



11. Connect second VIM221 Plug



12. Completed CAN connections



13. Connect ground lug to 10mm bolt



14. Snap fuse into any free slot



15. LED shows CAN traffic (see note 2)



16. Hold 'mute' to switch on video



17. Display Indicates VIM is on



18. Hold 'mute' again to turn VIM off