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General Information - Diagnostic Trouble Code (DTC) Index DTC: Rear Entertainment Module (REM)

Description and Operation

Rear Entertainment Module (REM)

CAUTION: Diagnosis by substitution from a donor vehicle is **NOT** acceptable. Substitution of control modules does not guarantee confirmation of a fault and may also cause additional faults in the vehicle being checked and/or the donor vehicle.

NOTES:

If the control module or a component is suspect and the vehicle remains under manufacturer warranty, refer to the Warranty Policy and Procedures manual, or determine if any prior approval programme is in operation, prior to the installation of a new module/component.

Generic scan tools may not read the codes listed, or may read only 5-digit codes. Match the 5 digits from the scan tool to the first 5 digits of the 7-digit code listed to identify the fault (the last 2 digits give extra information read by the manufacturer approved diagnostic system).

When performing voltage or resistance tests, always use a digital multimeter (DMM) accurate to three decimal places, and with an up-to-date calibration certificate. When testing resistance, always take the resistance of the DMM leads into account.

Check and rectify basic faults before beginning diagnostic routines involving pinpoint tests.

If DTCs are recorded and, after performing the pinpoint tests a fault is not present, an intermittent concern may be the cause. Always check for loose connections and corroded terminals.

Where an 'on demand self-test' is referred to, this can be accessed via the 'DTC Monitor' tab on the manufacturers approved diagnostic system.

Check DDW for open campaigns. Refer to the corresponding bulletins and SSMs which may be valid for the specific customer complaint and carry out the recommendations as required.

The table below lists all Diagnostic Trouble Codes (DTCs) that could be logged in the Rear Entertainment Module, for additional Diagnosis and Testing information refer to the relevant Diagnosis and Testing Section.
For additional information, refer to: Information and Entertainment System (415-00 Information and Entertainment System - General Information, Diagnosis and Testing).

DTC	Description	Possible Causes	Action
B125E-4A	Left Rear Display - Incorrect component installed	NOTE: This diagnostic trouble code is set when the module has not read the display screen serial number within 25 seconds • Rear display screen serial number not received • Rear display screen serial number invalid	• Refer to the electrical circuit diagrams and check power and ground circuits to the left rear display screen. Check private CAN circuits for open circuit, short circuit. Check the installed screen is correct for the vehicle and has not been substituted. If a new component has been installed check it was installed correctly
B125E-96	Left Rear Display - Component	• Left rear display screen reported	• Refer to the electrical circuit diagrams and check power and ground circuits to the left rear display screen. Check private CAN circuits for open circuit, short circuit. If no wiring faults are found

	internal failure	internal failure	suspect the screen. Refer to the warranty policy and procedures manual, or determine if any prior approval programme is in operation, prior to the installation of a new module/component
B125E-98	Left Rear Display - Component or system over temperature	NOTE: This diagnostic trouble code is set when the module has not read the display screen serial number within 25 seconds • Left rear display screen reported over temperature condition	• Check the ventilation of the screen is not obstructed. Move the vehicle into the shade and operated the climate control on a cool setting to reduce the temperature. Allow the screen to cool before performing further diagnostic steps. Refer to the electrical circuit diagrams and check power and ground circuits to the left rear display screen. Check private CAN circuits for open circuit, short circuit. If no wiring faults are found suspect the screen. Refer to the warranty policy and procedures manual, or determine if any prior approval programme is in operation, prior to the installation of a new module/component
B125F-4A	Right Rear Display - Incorrect component installed	• Rear display screen serial number not received • Rear display screen serial number invalid	• Refer to the electrical circuit diagrams and check power and ground circuits to the right rear display screen. Check private CAN circuits for open circuit, short circuit. Check the installed screen is correct for the vehicle and has not been substituted. If a new component has been installed check it was installed correctly
B125F-96	Right Rear Display - Component internal failure	• Right rear display screen reported internal failure	• Refer to the electrical circuit diagrams and check power and ground circuits to the right rear display screen. Check private CAN circuits for open circuit, short circuit. If no wiring faults are found suspect the screen. Refer to the warranty policy and procedures manual, or determine if any prior approval programme is in operation, prior to the installation of a new module/component
B125F-98	Right Rear Display - Component or system over temperature	• Right rear display screen reported over temperature condition	• Check the ventilation of the screen is not obstructed. Move the vehicle into the shade and operated the climate control on a cool setting to reduce the temperature. Allow the screen to cool before performing further diagnostic steps. Refer to the electrical circuit diagrams and check power and ground circuits to the right rear display screen. Check private CAN circuits for open circuit, short circuit. If no wiring faults are found suspect the screen. Refer to the warranty policy and procedures manual, or determine if any prior approval programme is in operation, prior to the installation of a new module/component
B12ED-88	Video Input "F" - Bus off	• Left rear display screen circuit short to ground, short to power, open circuit, high resistance • Incompatible / corrupted video source	• Refer to the electrical circuit diagrams and check left rear display screen circuit for short to ground, short to power, open circuit, high resistance. Check video source. Clear the diagnostic trouble code and retest
B12F8-88	Video Input "G" - Bus off	• Right rear display screen circuit short to ground, short to power, open circuit, high resistance • Incompatible / corrupted video source	• Refer to the electrical circuit diagrams and check right rear display screen circuit for short to ground, short to power, open circuit, high resistance. Check video source. Clear the diagnostic trouble code and retest