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Coding Information

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Title: HVAC Control Head Circuit Communication Failure

Applies To: AE Model with Feature Code 16WCT and 49EVL or 49MZY

DESCRIPTION

AE units with feature code 16WCT, AIR CONDITIONER {Blend-Air} With Integral Heater & Defroster, will set a diagnostic fault code, 3985: 9, when the noise suppression feature, 49EVL or 49MZY, is operated. Operating the noise suppression feature disconnects power to the dash HVAC control head eliminating communication between the control head and body controller. When the HVAC control head is not communicating the body controller sets a diagnostic fault code indicating a loss of communication, SPN 3985 FMI 9.

SYMPTOMS

- No driver alert or notification of the fault code is presented.
- No feature functionality is affected.
- Fault will be set internally in the body controller and will only be visible using Diamond Logic Builder.

REPAIR PROCEDURE

Body controller software updates to eliminate diagnostic fault code during noise suppression operation are scheduled for release first quarter 2014. Currently, with no driver alert or notification, no actions should be taken to address diagnostic fault code 3985:9 when present only after/during noise suppression feature operation.



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