

FORD MOTOR COMPANY (FORD) RESPONSE TO RQ24-008 Request 12Request 12

Did Ford conduct any life cycle testing of the remedy drain tube and will the remedy drain tube require repair and/or replacement during the lifetime of the subject and peer vehicles? Is so, please provide test data, documents, or other documentation related to these analyses.

Answer

Ford believes the remedy drain tube will require neither replacement nor repair during the lifetime of the subject and peer vehicles.

During drain tube development, a tube was subjected to component-level vibration testing on an electrodynamic shaker. No structural damage was observed after approximately 10 million vibration cycles. A test report is provided in the attached document "BX7628 Drain Tube – Report.pdf".

The tube material is a chlorinated polyethylene polymer, which meets ASTM D471 standards for fuel resistance. The material is certified by Ford for use in fuel systems and is commonly used. Ford expects no chemical degradation with this material choice.

To date, Ford is aware of no warranty claims or other reports of drain tubes requiring repair and/or replacement.

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