

STAR ONLINE PUBLICATION

Case Number: S2011000002

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Symptom/Vehicle Issue: Customer complaint includes a Check Engine/MIL lamp-on condition with fault codes U113F-Lost Communication With Active Exhaust Valve 1 and/or U1140-Lost Communication With Active Exhaust Valve 2 active or stored in the powertrain control module (PCM).

Discussion: If the conditions above are present, before performing normal diagnostic routines for the fault codes listed above, perform the procedure below:

1. Raise vehicle on hoist.
2. Remove and check the part number on the LH actuator - loosen the three nuts holding actuator to exhaust and remove actuator to view barcode on back-side of motor. Check with STAR Parts to make sure the part number on the barcode matches one of the listed part numbers for the LH position (can be a current or superseded number as long as it is correct for the LH position).
3. Remove and check the part number on the RH actuator - loosen the three nuts holding actuator to exhaust and remove actuator to view barcode on back-side of motor. Check with STAR Parts to make sure the part number on the barcode matches one of the listed part numbers for the RH position (can be a current or superseded number as long as it is correct for the RH position).
4. If the part numbers are correct for the positions, please perform normal diagnostic procedures for the faults listed above. If not, proceed to step 5.

This document does not authorize warranty repairs. This communication documents a record of past experiences. STAR Online does not provide any conclusions about what is wrong with the vehicle. Rather, it captures all previous cases known that appear to be similar or related to the vehicle symptom / condition. You are the expert, and you are responsible for deciding on the appropriate course of action.

Contact STAR Center, or your Technical Assistance Center Via TechCONNECT or eCONTACT ticket if no solution is found

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5. If vehicle has two of the same part number, replace the incorrect actuator with the proper part number for that position.
6. If vehicle has LH actuator on RH side and vice versa, reinstall actuators on their proper side.
7. Using scan tool, clear DTCs. Start engine and let idle for > 2 minutes. If U-codes do not return, issue has been corrected. If U-codes return, proceed with normal diagnostic procedures for the faults listed above.

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