

STAR ONLINE PUBLICATION

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Symptom/Vehicle Issue: Turbocharger vs Turbocharger Actuator Replacement

Discussion: When performing repairs on the turbocharger system, it is important to note that the electronic control actuator/module is available separately from the turbocharger assembly.

The complete turbocharger assembly should never be replaced to repair DTC U010C – Lost Communication With Turbocharger/Supercharger Control Module. If diagnostics have been performed, and it leads to the turbo actuator/module, replace just the actuator/module.

The following DTCs are also typically due to internal actuator/module issues.

- P003A – Turbocharger Boost Control Module Position Exceed Learning Limits
- P00AF – Turbocharger Boost Control Module Performance

If diagnosis of these DTCs has led to actuator/module replacement, inspect the turbo sector gear for binding. If the sector gear moves freely, only replace the actuator to repair the concern. Do not replace the entire turbocharger assembly

Refer to Star Parts for the latest actuator/module part number. Please contact Parts Specifying if the correct part number cannot be located.

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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