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IMPORTANT WARRANTY INFORMATION

REF 15-043

Effective 11/30/2015

Release 11/30/2015

SUBJECT New Detroit Standard Diagnostic Times for ECU

❖ Detroit
Standard
Diagnostic
Times

In the continued collaboration with the Joint Application Development (JAD) committee, DTNA created additional Standard Diagnostic Times (SDTs) to support the service network and streamline the claim submittal process. The new SDTs, which are available for immediate use, may be applied to claims related to the following Detroit electronic control unit (ECU) modules:

- Motor Control Module (MCM)
- Common Powertrain Control Module (CPC)
- After Treatment Control Module (ACM)
- Transmission Control Module (TCM)

There are three (3) levels of SDTs: Easy, Moderate, and Difficult. Select the level of SDT that matches the diagnostics performed. Refer to the *Includes* and *Comments* fields under each SDT in the Detroit Warranty System to review the operations that are included. To claim diagnostic time that was required beyond the SDT, use General Diagnostic Time (labor code 939-1010E) and provide a detailed explanation in the appropriate claim narrative section; please see Important Warranty Information letter 15-003 for more information about applying General Diagnostic Time. The table below provides the new SDTs and applicable engine series, respectively.

❖ New Engine
SDTs

SDTs	Detroit Powertrain Components
ECU Module (MCM, CPC, ACM, or TCM) 021900A, B, or E	• I60, I60E7 • I460, I460E7 • I900, I900E7 • DD13, D13E10, DD13GHG14 • DD15, D15E10, DD15GHG14AT, DD15GHG14TC • D16E10, DD16GHG14 • DT12

Refer to the following table for information about what is included in each new SDT. The SDTs are also available in the applicable Labor Time Guide as well as at www.ddcsn.com > Warranty > Warranty Applications > Warranty System > Labor > SRTs > SRT Search. Any questions or feedback regarding SDT/SRT usage may be addressed through the Warranty Support Center > Detroit Inquiries.

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❖ Labor Operation	Electronic Control Unit (ECU) MCM, CPC, ACM, or TCM		
	EZ	Moderate	Difficult
	0.3 Hour	1.0 Hour	2.0 Hours
	021900A MCM, CPC, ACM, TCM Diagnostics – Easy Complete preliminary and visual diagnostics. Identify the fault codes. Verify module software. Key on, engine off comparison between sensors. Compare and reviewed ECU parameters. <u>This diagnostic operation can only be used when there is a fault code related to a customer complaint.</u> Typically used when the diagnostics for a symptom or fault code state to update the software of module(s).	021900B MCM, CPC, ACM, TCM Diagnostics – Moderate Complete preliminary and visual diagnostics. Identify the fault codes. Verify module software. Key on, engine off comparison between sensors. Compare and reviewed ECU parameters. Access connectors for inspection. Remove the ECU connector for inspection. Inspect the connector body for damage and/or contamination. Inspect the pins in the connector for damage. Conduct circuit tracing from two points. Installation of a test ECU. Typically used for circuit fault codes or performance complaints.	021900E MCM, CPC, ACM, TCM Diagnostics – Difficult Complete preliminary and visual diagnostics. Identify the fault codes. Verify module software. Key on, engine off comparison between sensors. Compare and reviewed ECU parameters. Access the connectors for inspection. Remove the ECU connector for inspection. Conduct extensive circuit testing, such as measuring resistances and voltages. Installation of test ECUs (MCM, CPC, ACM, TCM) or the use of the Vehicle Interface Module (VIM). Typically used for CAN Communication fault codes, such as 625 FMI 9.
	Notes: - Only one (1) ECU diagnostic may be claimed per repair visit. - ECU Diagnostics - Easy cannot be submitted on a claim if another standard diagnostic labor operation or a consolidated labor operation that includes diagnostic time is used during the same repair visit.		

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