

*** * TECHNICAL INFORMATION NOTICE * ***

DATE: July 30, 2021
TO: Mitsubishi Motors US Service and Parts Managers
RE: DTC: P0010-P0017 Troubleshooting - Revision
TIN NO. TIN-20-13-001REV

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- This TIN supersedes TIN-20-13-001, issued October 2020, to inform the investigation has concluded for the Valve Timing System, Camshaft and Crankshaft DTCs. The new/ revised information is *italicized* and indicated by ◀.

AFFECTED VEHICLES: 2018-2022 Eclipse Cross

PURPOSE

MMNA would like to remind all dealers and technicians that FFD DATA, and ALL-DTC Data is required for warranty approval for all P0010 – P0017 codes. *

Please review the flowchart on the following page.

*When faced with a P0010 through P0017 code that is an intermittent concern, attempt to obtain a drive recording. Start by interviewing the customer on the way the vehicle was being driven at the time the Check Engine light illuminated. Review the FFD and attempt to duplicate the same conditions during the driving pattern. Once established, create a Techline case and then perform a data recording that includes the below items and be sure to upload all Data Recordings, FFD, and ALL-DTC data to the Techline case. Warranty submission must also include all measurements taken and details on the diagnostic steps taken and results for each step.

MMNA has concluded an investigation into DTCs pertaining to the Valve Timing System, Camshaft and Crankshaft phase position. DTC P0011 and P0014 codes may be stored and the check engine light may illuminate in the absence of the drivability concern or mechanical fault. It is recommended that Technical Service Bulletins pertaining to DTC P0011 and P0014 be followed for further instruction and Engine Control Module reprogramming procedures. For other DTCs relating to Camshaft and Crankshaft Phase or the Engine Oil Control Valve Circuits, follow the diagnostic procedures outlined in the Service Manual. ▶

Data Recording Monitor Items

Inspection items	Items	MUT-3 Scan Tool display
Crankshaft position sensor (r/min)	2	Crankshaft position sensor
Vehicle speed	4	Vehicle speed
Engine coolant temperature sensor	6	ECT sensor
Accelerator pedal position sensor	11	APP sensor (Main)
Intake V.V.T. MIVEC phase angle	36	Intake V.V.T. phase angle (Bank1)
Exhaust V.V.T. MIVEC phase angle	39	Exhaust V.V.T. phase angle (Bank1)
Mass Air Flow sensor	AA	Airflow sensor

