



Technical Service Bulletin

Technical Service Bulletin: TSB190039	Released Date: 26-Mar-2019
Poor Drivetrain Performance During Warmup Mode: Eaton™ Automated Manual Transmission	

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Warranty Statement

The information in this document has no effect on present warranty coverage or repair practices, nor does it authorize TRP or Campaign actions.

Contents

Product Affected

Engine:

- ISX12N CM2380 X120B

Transmission:

- Eaton™ automated manual transmission

Issue

Symptom:

- Engine misfire fault codes and/or poor transmission shift performance during warmup mode.
- Transmission stuck in starting gear and/or not shifting gears.
- Transmission fault code 74

Root Cause:

- Engine calibration errors during engine warmup.

Service Instructions

- An improved engine control module (ECM) calibration revision has been released.
- Reference QuickServe® Online (QSOL) ECM calibration revision history or INSITE™ electronic service tool calibration revision history to view warrantable update symptoms.
- See Table 1 for ECM calibration code and revisions containing improvements.
- Any ECM calibration released after 7 March 2019 will contain these improvements unless otherwise stated.

Table 1, ECM Calibration Code and Revision

ECM Code	Revision	ECM Code	Revision	ECM Code	Revision	ECM Code	Revision
JH10001	9	JH10031	7	JH10061	2	JH10081	2
JH10002	8	JH10032	7	JH10062	2	JH10082	2
JH10003	8	JH10033	8	JH10063	2	JH10083	2
JH10004	9	JH10034	8	JH10064	2	JH10084	2
JH10007	7	JH10035	7	JH10065	2	JH10085	2
JH10008	7	JH10036	7	JH10066	2	JH10086	2
JH10009	8	JH10037	8	JH10067	2	JH10087	2
JH10010	8	JH10038	8	JH10068	2	JH10088	2
JH10011	7	JH10043	7	JH10069	2	JH10089	2
JH10012	7	JH10044	7	JH10070	2	JH10090	2
JH10013	8	JH10045	8	JH10071	2	JH10091	2
JH10014	8	JH10046	8	JH10072	2	JH10092	2
JH10019	7	JH10047	7	JH10073	2	JH10093	2

Table 1, ECM Calibration Code and Revision							
ECM Code	Revision	ECM Code	Revision	ECM Code	Revision	ECM Code	Revision
JH10020	8	JH10048	7	JH10074	2	JH10094	2
JH10021	7	JH10049	8	JH10075	2	JH10095	2
JH10022	8	JH10050	8	JH10076	2	JH10096	2
JH10025	8	JH10055	7	JH10077	2	JH10097	2
JH10026	9	JH10056	8	JH10078	2	JH10098	2
JH10027	8	JH10057	7	JH10079	2	JH10099	2
JH10028	9	JH10058	8	JH10080	2	JH10100	2

Document History

Date	Details
2019-3-15	Module Created

Last Modified: 26-Mar-2019
