Service Alert

Mazda North American Operations
Irvine, CA 92618-2922

Subject: **PERFORM TCM CONFIGURATION WHEN REPLACING ATX**	**Service Alert No.: SA-038/22**
	Last Issued : 06/07/2022

BULLETIN NOTES

This bulletin supersedes the previously issued bulletin(s) listed below. The changes are noted in Red text.

Previous Service Alerts:	Date(s) Issued:
SA-030/20	2/26/20
SA-037/18	08/15/18

APPLICABLE MODEL(S)/VINS

2012-2022 Mazda3	2014-2021 Mazda6	2016-2022 CX-9	2020-2022 CX-30
2013-2022 CX-5	2016-2021 CX-3	2016-2022 MX-5	

DESCRIPTION

Service part Automatic Transaxles (ATX) manufactured on or after July, 2018 are shipped with a blank TCM that requires configuration.

NOTE: The following Caution is included with every ATX that requires configuration.

<注意>

オートマチック・トランスアクスルを交換する場合には
TCMコンフィグレーションを行ってください。
(参照：整備書内"TCMコンフィグレーション"メニュー)

<CAUTION>

When the automatic transaxle is replaced,
perform TCM configuration.
(See "TCM CONFIGURATION" menu in Workshop Manual)

NOTE: Older vehicles (built before April, 2013) are not affected. They are shipped with a pre-configured TCM.

Perform the configuration according to the Work Flow Process shown below and the instructions on MGSS online under "TCM Configuration".

Replacement Part	Configuration
Control valve body replacement	Necessary
Oil pressure switch replacement	Unnecessary
Automatic transaxle replacement	~~Unnecessary~~ **Necessary**
ON/OFF solenoid replacement	Unnecessary
Coupler component replacement	Unnecessary

NOTE: The configuration tables in the affected Workshop Manuals will be revised.

REPAIR PROCEDURE

Work Flow Process:

When TCM configuration data is available from the subject vehicle:

ATX with configured TCM	ATX with blank TCM
Read out software (TCM configuration) using M-MDS	
Replace ATX	
---	Write software (TCM configuration) using M-MDS
Verify repair	

When TCM configuration data is NOT available from the subject vehicle:

ATX with blank TCM
Replace ATX
● Error code P163E is stored due to lack of TCM software   (P163E: Transmission Control Module Programming Error)   ● Using as-built data, obtain TCM software   ● Write software (TCM configuration) using M-MDS
Verify repair

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