



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.

<p><注意></p> <p>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)</p> <p><CAUTION></p> <p>When the automatic transaxle is replaced, perform TCM configuration. (See "TCM CONFIGURATION" menu in Workshop Manual)</p>
--

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".

<p>CONSUMER NOTICE: The information and instructions in this bulletin are intended for use by skilled technicians. Mazda technicians utilize the proper tools/ equipment and take training to correctly and safely maintain Mazda vehicles. These instructions should not be performed by "do-it-yourselfers." Customers should not assume this bulletin applies to their vehicle or that their vehicle will develop the described concern. To determine if the information applies, customers should contact their nearest authorized Mazda dealership. Mazda North American Operations reserves the right to alter the specifications and contents of this bulletin without obligation or advance notice. All rights reserved. No part of this bulletin may be reproduced in any form or by any means, electronic or mechanical--including photocopying and recording and the use of any kind of information storage and retrieval system ---without permission in writing.</p>
--

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
<ul style="list-style-type: none"> • Error code P163E is stored due to lack of TCM software (P163E: Transmission Control Module Programming Error) <ul style="list-style-type: none"> • Using as-built data, obtain TCM software • Write software (TCM configuration) using M-MDS
Verify repair

CONSUMER NOTICE: The information and instructions in this bulletin are intended for use by skilled technicians. Mazda technicians utilize the proper tools/ equipment and take training to correctly and safely maintain Mazda vehicles. These instructions should not be performed by "do-it-yourselfers." Customers should not assume this bulletin applies to their vehicle or that their vehicle will develop the described concern. To determine if the information applies, customers should contact their nearest authorized Mazda dealership. Mazda North American Operations reserves the right to alter the specifications and contents of this bulletin without obligation or advance notice. All rights reserved. No part of this bulletin may be reproduced in any form or by any means, electronic or mechanical--including photocopying and recording and the use of any kind of information storage and retrieval system ---without permission in writing.