



TECH BULLETIN

National Customer Support Department, Mazda Australia Pty. Limited.

Bulletin: NS025_25 Issued: 9/04/2025 Revised: [Revised]

Title: Engine Lights Turns On During Engine Start

Model(s): CX-60 (KH), CX-70 (KJ),
CX-80 (KL) and CX-90 (KK) with Category: Engine
e-SKYACTIV-D 3.3

DESCRIPTION

Some subject vehicles may exhibit a malfunction indicator light on during engine startup, with DTC P16AB:00 / P0607:00 / P0611:00 stored in the memory.

P16AB:00 - PCM sub processor malfunction

P0607:00 - Malfunction in PCM

P0611:00 - PCM internal fuel injector control microcomputer communication malfunction

CAUSE

Due to noise affecting the internal microcontroller during PCM startup, the protection circuit is activated.

MASS PRODUCTION CHANGE

The protection circuit during PCM startup has been modified.

SUBJECT VIN & PRODUCTION DATE RANGE

CX-60 (KH)

VIN Range: JM0 KH **** ** 100001 to JM0 KH **** ** 110228

Date Range: Start of Production to 17th February 2025

CX-70 (KJ)

VIN Range: JM0 KJ **** ** 100001 to JM0 KJ **** ** 100443

Date Range: Start of Production to 20th February, 2025

CX-80 (KL)

VIN Range: JM0 KL **** ** 100001 to JM0 KL **** ** 104305

Date Range: Start of Production to 17th February, 2025

CX-90 (KK)

VIN Range: JM0 KK **** ** 100001 to JM0 KK **** ** 102295

Date Range: Start of Production to 20th February, 2025

REPAIR PROCEDURE

Replace the PCM with a modified unit according to Workshop Manual “PCM REMOVAL/INSTALLATION”

PARTS INFORMATION

Parts Number	Description	Qty.
T301-18-881C	MODULE, POWERTRAIN CONTROL	1

WARRANTY INFORMATION

MC Authorisation No.	NS02525
Causal Part No.	T301-18-881C
Quantity	1
Symptom Code	6X - Warning Light On/Flashing
Damage Code	9W - Internal Failure
Operation No. & Labour Hours	XXX11ARX - 1.7Hrs (CX-60 & CX-70) XXX11BRX - 1.8Hrs (CX-80 & CX-90)
DTC	P16AB:00 or P0607:00 or P0611:00
Period Covered	Normal Warranty Period
PAR Requirement	Not Required

All rights reserved. Reproduction by any means, electronic or manual including photocopying, recording or by any information storage and retrieval system or translation in whole or part is not permitted without written authorisation from Mazda Australia Pty. Ltd. Copyright © 2025 Mazda Australia Limited.

The information and repair procedures described in this Bulletin are intended for use by appropriately qualified and trained automotive technicians only, utilising Mazda repair information and special tools and must not be disclosed to any person or company beyond the Subscription holder.

These procedures should not be attempted by unqualified personnel, as personal and vehicle safety may be compromised. The initial recipient of this Bulletin (Subscriber) assumes responsibility for ensuring all personnel are made aware of all relevant operation and safety procedures within their organization.