

Subject: UNDESIRABLE STEERING ASSIST AFTER OVERTAKING A TRUCK EVEN WITHOUT BSM WARNING	Bulletin No.: 15-003/24
	Last Issued : 06/18/2024

BULLETIN NOTES

APPLICABLE MODEL(S)/VINS

2024 CX-90 with VINS lower than JM3KK*****161550 (produced before March 2, 2024)

DESCRIPTION

Some customers may experience that, after overtaking a truck and moving in front of the truck with turn signal on, the steering assist pushes the vehicle back to the overtaking lane even without BSM warning light turning on in the outer mirror. This may be caused by an improper detection by the side radar sensors occurring in a specific driving environment. To eliminate this concern, the control software of the side radar sensors has been modified. Customers having this concern should have their vehicle repaired using the following repair procedure.

REPAIR PROCEDURE

1. Verify the customer concern.
2. Reprogram the **FSRL** with the Mazda Modular Diagnostic System (M-MDS), using Mazda Diagnostic And Repair Software (MDARS). Refer to MDARS ECU Reprogramming Procedure. After that, the FSRR, RSRL and RSRR are also automatically reprogrammed.

NOTE:

- **Be sure to submit ODR data as it is a required item and will be checked during warranty claim submission. Instructions can be found under M-MDS -> MDARS (Uploading ODR Data).**
- Reprogramming is not necessary if current calibration file name in the ECU FILENAME screen is the same as shown in Calibration Files Information or with later suffix.
- After the reprogramming, pending DTC P2610:00 [PCM] may be stored without the CHECK ENGINE light ON. Since this DTC may turn to a current DTC depending on operations after the reprogramming, clear DTC after all repair work is done.

3. Clear any other DTCs.
4. Verify the repair by starting the engine (or the hybrid system) and confirming there is no CHECK ENGINE light ON or abnormal warning lights present.

NOTE [Except PHEV]: If any DTCs should remain after deleting DTC, diagnose the DTCs according to the appropriate Troubleshooting section in MGSS.

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NOTE [PHEV]:

- DO NOT start the engine with connected 12V battery charger because the power supply from the DCDC converter and the power supply from the 12V battery charger may interfere then warning light comes up and DTCs are stored.
- If any DTCs should remain after deleting DTC, diagnose the DTCs according to the appropriate Troubleshooting section in MGSS.

CALIBRATION

ECU	File Name (Old)	File Name (New)	Actual time to reprogram
FSRL/FSRR RSRL/RSRR	KR9P-67YK2-M	KR9P-67YK2-N	4 min.

WARRANTY INFORMATION**NOTE:**

- This warranty information applies only to verified customer complaints on vehicles eligible for warranty repair.
- This repair will be covered under Mazda's New Vehicle Limited Warranty term.
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	64
Damage Code	9W
Part Number Main Cause	5555-67-Y30
Quantity	0
Operation Number / Labor Hours:	XXWR6XFX / 0.3 Hrs.

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