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| Subject: BRAKING CONCERNS WHEN COMING TO A STOP WHILE DRIVING WITH MRCC | Bulletin No.: 04-003/21 |
| | Last Issued : 06/17/2021 |

APPLICABLE MODEL(S)/VINS

2019-2021 Mazda3 (Japan built) with VINS lower than JM1BP*****329952 (produced before December 25, 2020)
2019-2021 Mazda3 (Mexico built) with VINS lower than 3MZBP*****210156 (produced before December 25, 2020)
2020-2021 CX-30 with VINS lower than 3MVDM*****242482 (produced before January 19, 2021)

DESCRIPTION

Some customers may complain about the following braking concerns when coming to a stop while following a vehicle ahead using Mazda Radar Cruise Control with Stop and Go function (MRCC).

- Harder braking at slow speeds just before a complete stop.
- Before coming to a complete stop, the vehicle creeps towards the vehicle ahead and "Depress Brake Pedal" warning message may appear in the instrument cluster.

This is caused by improper control software of the DSC HU/CM. To eliminate this concern, the control software of the DSC HU/CM has been modified.

Customers having this concern should have their vehicle repaired using the following repair procedure.

REPAIR PROCEDURE

1. Verify customer concern.
2. Reprogram the DSC with the Mazda Modular Diagnostic System (M-MDS), using the Mazda Diagnostic And Repair Software (MDARS). Refer to MDARS ECU Reprogramming Procedure.
 - If the current calibration file name in the ECU FILENAME screen is the same as shown in the Calibration Files Information or with a later suffix, reprogramming is not necessary.
 - 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 done.
 - If DTC U2120:00 or/and U2500:82 are stored and i-ACTIVSENSE warning light (amber) turns on after the reprogramming, refer to SA-043/20.
 - If the Welcome Lamp function is accidentally activated while using MDARS, it may also cause this concern. Check and correct as necessary. Refer to the SA-054/20 for details.
3. Clear the DTC, turn the ignition off, and get out of the vehicle.
4. Close and lock the door.
5. Wait for at least ten minutes.

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6. Verify the repair by starting the engine and making sure the Check Engine light is OFF and no abnormal warning lights are ON.

NOTE: If any DTC should remain after performing a DTC erase, diagnose the DTC according to the instructions on MGSS.

CALIBRATION

| Model | File Name |
|------------------|--------------|
| 2019-2020 Mazda3 | BCKA-4300F-F |
| 2021 Mazda3 | BFVV-4300F-C |
| 2020 CX-30 | DFT5-4300F-F |
| 2021 CX-30 | DEJW-4300F-B |

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 or California Emission Warranty (long term).
- Additional diagnostic time cannot be claimed for this repair.

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| Warranty Type | A |
| Symptom Code | 64 |
| Damage Code | 9W |
| Part Number Main Cause | 5555-43-7A0 |
| Quantity | 0 |
| Operation Number / Labor Hours: | XXT4KXFX / 0.3 Hrs. |

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