

VEHICLE SAFETY / POLLUTION RECALL CAMPAIGN IN JAPAN

Domestic Vehicles

CAMPAIGN No.	5384	DATE	October 26, 2023
MANUFACTURER	Mazda Motor Corporation		
DESCRIPTION OF DEFECT	<p>[1] On the engine control module, due to an improper condition to activate the hybrid system, the relay circuit for the mild hybrid system cannot be connected when restarting the system in 8 seconds from deactivating the system using the power switch. Therefore, the warning message is displayed on the meter, informing of hybrid system in malfunction and engine warning light illuminates, causing to inability to drive with the shift position secured into "N" range. Also, the engine cannot restart within 90 seconds from the power switch off.</p> <p>[2] On the engine control module, due to improper condition of failure decision, it may temporarily become impossible to properly detect which cylinder injects fuel when suspending the engine stop condition by operating accelerator after engine stop by idling stop system working. The engine control module mistakenly may decide failure, causing to deactivate fuel injection, until it properly detects the cylinder of fuel injection. During driving, the vehicle may decelerate. During the vehicle stop, engine may not be able to restart.</p> <p>[3] On the powertrain control module, due to improper logic of failsafe system processing, the inverter may get overheated even if the electric motor working is restricted when abnormal cooling occurs on the PHEV inverter. If continued to use, the engine warning light and hybrid system warning light illuminate. As a result, the vehicle moves into failsafe mode, the engine is stopped as well as the electric motor is deactivated, leading to an inability to drive.</p> <p>[4] Improper system boot condition of the view monitor unit may cause not to properly start the system and not to switch between side view camera and rear view camera. Therefore, the warning light for i-ACTIVSENSE illuminates and the meter displays the warning message of the view monitor unit in abnormal condition. Also, the image of the side view camera and rear view camera cannot be displayed.</p> <p>[5] Improper system processing condition of the view monitor unit may cause not to free the data memory area in the unit when restarting system. As the capacity of the memory gradually decreases, the ability of image processing may diminish. As a result, the image displayed on the center display distorts. At worst, the display eventually blacks out and the image of the side view camera and rear view camera cannot be displayed.</p>		

TYPE	COMMERCIAL NAME	MODEL YEAR RECALLED	NUMBER OF VEHICLE
3CA-KH3R3P	Mazda 「CX-60」	2022-2023	[1]10,740 [2]9,617 [4]10,847 [5]10,847
3DA-KH3P			[4]8,536 [5]8,536
5BA-KH5P			[4]3,786 [5]3,786
5LA-KH5S3P			[3]989 [4]981 [5]981
3DA-BP8R	Mazda 「MAZDA3」	2023	[4]748 [5]748
5AA-BPFJ3R			[4]2,098 [5]2,098
5AA-BPEK3R			[4]101 [5]101
6BA-BP5R			[4]594 [5]594
		Total	27,699