

VEHICLE SAFETY / POLLUTION RECALL CAMPAIGN IN JAPAN

Domestic Vehicles

CAMPAIGN No.	5554	DATE	October 31, 2024
MANUFACTURER	Mazda Motor Corporation		
	<p>[1] On the transmission control computer for the mild hybrid vehicle, because of an inappropriate program to control clutch system, the timing to engage clutch and engine may be off when restarting engine shutdown during driving in EV mode. The engine piston is out of proper position to restart engine, leading to an inability to engine start.</p> <p>[2] On the transmission control computer for the mild hybrid vehicle, because of an inappropriate program to control clutch system, just after engine shutdown and switching to driving in EV mode, when the engine in shutdown is restarted, the timing to engage the clutch connecting the electric motor with the engine may be off. Therefore, the engine speed cannot rise sufficiently, causing not to restart engine.</p> <p>[3] On the engine control computer for the mild hybrid vehicle, due to improper battery control program, deference in electrical potential may be created among each cell of battery. During continued use, the difference in electrical potential becomes larger. After failure decision at engine start, the engine warning light comes on and error message "malfunction of Hybrid System" subsequently is displayed on the meter, causing to stop power assist by the electric motor. In the worst case, failure decision when idling stop at quite low vehicle speed may cause an engine not to restart, resulting in engine stall.</p> <p>[4] On the dash electrical supply unit, due to improper control program, at the system start-up, the information processing cannot complete in time and the system cannot be activated. As a result, several error messages are displayed on the meter and the following function cannot work, HVAC, the seat belt reminder, 360° view monitor. The engine warning light comes on and the cooling system for the high voltage battery cannot function</p>		

TYPE	COMMERCIAL NAME	MODEL YEAR RECALLED	NUMBER OF VEHICLE
3CA-KH3R3P	Mazda 「CX-60」	2022-2024	(1)12,514
3DA-KH3P			(2)13,747
5LA-KH5S3P			(3)12,965
5BA-KH5P			(4)13,728
			(4)13,052
			(4)1,308
			(4)6,354
		Total	34,461