

Technical Service Bulletin

Mazda North American Operations
Irvine, CA 92618-2922

**Subject:**

**ELECTRIC POWER STEERING WARNING LIGHT ILLUMINATES
WITH DTC U2011:1C**

Bulletin No.: 06-001/26

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BULLETIN NOTES**APPLICABLE MODEL(S)/VINS**

2020-2026 CX-30 (Mexico built)

2019-2026 Mazda3 (Japan built)

2019-2026 Mazda3 (Mexico built) vehicles with VINs lower than 3MZ BP**** ** 479955 (Produced before Aug. 18, 2025)

DESCRIPTION

Some customers may complain that the electric power steering warning light illuminates after engine start and DTC U2011:1C is stored. Zinc-plated whisker may form inside the EPS motor and trigger the DTC. However, since it is cleared when power is supplied during DTC detection, normal operation can be restored by turning the ignition OFF and then ON. Furthermore, there is no possibility of recurrence. This case may be resolved through a simple inspection or repair without the need for parts replacement, potentially avoiding unnecessary customer waiting time.

REPAIR PROCEDURE**When DTC U2011:1C is currently present:**

1. Lift the vehicle or jack up the front wheels until no load is applied to the front wheels.
2. To prevent the steering lock from engaging, turn the ignition ON, open the door, and then turn the ignition OFF.
3. With the ignition OFF, quickly turn the steering wheel left and right repeatedly for 10 seconds to apply reverse electromotive current to the whisker.
(From neutral → 90 degrees to the right → back to neutral, repeat within 1 second, continuously for 10 seconds.)
4. Turn the ignition ON and confirm that the electric power steering warning light turns off.

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NOTE: If the warning light does not turn off, repeat step 3 above. If the warning light still does not turn off after repeating the procedure, recheck the DTC and follow the diagnostic procedures in the applicable workshop manual.

5. Lower the vehicle until the front wheels are on the ground, start the engine, confirm that steering assist is operating normally, and clear the DTC. The repair is complete, no parts replacement is required.

When DTC U2011:1C is stored as a past DTC:

1. Clear the DTC, turn the ignition OFF and then ON, and confirm that the electric power-steering warning light turns off.
2. Recheck the DTC and confirm that U2011:1C is not detected again.
 - If it is not detected, the repair is complete. (No parts replacement is required.)
 - If other DTCs are present, follow the diagnostic procedures in the applicable workshop manual.

PARTS INFORMATION

NOTE: If the electric power steering warning light turns off using the above procedure, no parts replacement is required.

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.

Symptom Code	72
Damage Code	9Q
Causal Part No.	****-67-88Z
Quantity	0
Operation No. and Labor Hours	XXX5KKRX/ 0.2 Hrs.

NOTE:

- Claim the parts other than "Causal Parts No." as related parts.
- Submit claims for maintenance and adjustments according to the "Suggested Repair Time (SRT)" in MGSS if required.

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