

Technical Service Bulletin

Mazda North American Operations
Irvine, CA 92618-2922

**Subject:**

**LIGHT RESISTANCE AND/OR UNUSUAL NOISE WHEN TURNING
STEERING WHEEL TO THE LEFT**

Bulletin No.: 06-005/19

Last Issued: 07/22/2019

BULLETIN NOTES

This bulletin supersedes the previously issued bulletin(s) listed below. The changes are noted in Red text.

Previous TSBs:	Date(s) Issued:
06-002/18	09/14/2018

APPLICABLE MODEL(S)/VINS

US Spec.:

2016-2018 CX-3 vehicles with VINs lower than JM1 DK**** ** 326595 (Produced before Dec. 14, 2017)

Mexico Spec.:

2016-2018 CX-3 vehicles with VINs lower than JM1 DK**** ** 326595 (Produced before Dec. 14, 2017)

2016-2018 Mazda2 vehicles with VINs lower than 3MD DJ**** ** 302849 (Produced before Dec. 14, 2017)

DESCRIPTION

Some vehicles may exhibit a light resistance and/or an unusual noise when turning the steering wheel to the left. This concern may be caused by insufficient lubrication of the gear due to uneven and deteriorated grease. To eliminate this concern, the production process for steering shaft has been modified.

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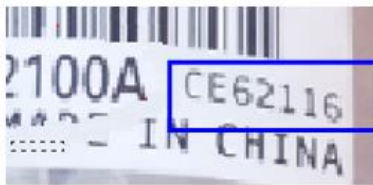
REPAIR PROCEDURE

1. Verify the customer concern.
2. Inspect the label on the bottom of the steering motor. Record the 2nd, 3rd and 4th digits of the lot number.

NOTE: The red circle shown below is the steering motor part number.



Example: The lot number in the sample part below is "**CE62116**". The 2nd, 3rd and 4th digits are "**E62**".



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3. Using the three (3) digits found from the lot number inspection, determine the necessary action using the table below.

2nd, 3rd and 4th Digits of Lot Number	Necessary Action
D**, E**, F** or G**	Proceed to Step 4 of this bulletin and replace the steering shaft with a modified part.
H1* to H9*, HA* to HB* (except HBX)	
HBX to HC*	This bulletin does not apply. The steering shaft is already modified, do not replace it. Refer to MGSS online for further diagnosis.
J**, K** or L**	

* can be any number or letter.

Examples:

- **E62** = Proceed to Step 4 of this bulletin and replace the steering shaft with a modified part.
- **HCA** = This bulletin does not apply. The steering shaft is already modified, do not replace it. Refer to MGSS online for further diagnosis.

4. Replace the steering shaft with a modified one according to the instructions on MGSS online:

- **CX-3:** (STEERING WHEEL AND COLUMN REMOVAL/INSTALLATION)
- **Mazda2:** (STEERING WHEEL AND COLUMN REMOVAL/INSTALLATION)

5. Verify the repair.

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PARTS INFORMATION

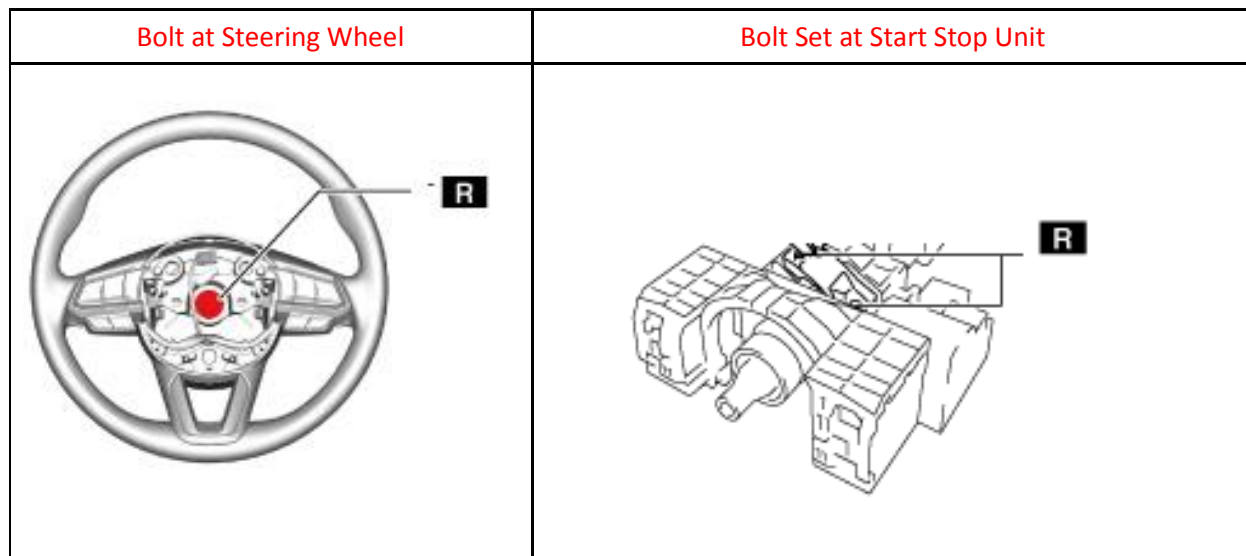
Parts Number	Description	Qty.	Notes
DA7H-32-100N	Shaft, Steering	1	2016-2017 Mazda2
DG7L-32-100D	Shaft, Steering	1	2018 Mazda2
DB4G-32-100J	Shaft, Steering	1	2016-2017 CX-3
DH1E-32-100C	Shaft, Steering	1	2018 CX-3
B455-32-099B	Shaft, Bolt	1	[R]
D10J-32-099	Shaft, Bolt	1	[R]
9YA0-11-003A	Bolt	1	[R] (*1)
KA01-66-154	Bolt, Set	2	[R] (*2)

NOTE 1: The steering shaft part numbers have not been changed by this modification. Refer to the lot number inspection above to determine if the steering shaft is a modified part or not.

NOTE 2: Select applicable steering shaft and replacement parts according to the GEPC.

[R] = Replace

[R] Parts (*1) (*2) Location:



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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	31
Damage Code	91
Part Number Main Cause	****-32-100*
Quantity	1
Operation Number / Labor Hours:	XXP66XRX / 0.9 Hr. (includes steering shaft unit, RR)

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