

Technical Service Bulletin

Mazda North American Operations
Irvine, CA 92618-2922

**Subject:**

NOISE COMPLAINTS FROM FRONT COMBINATION LIGHT

Bulletin No.: 09-015/23

Last Issued : 10/06/2023

BULLETIN NOTES

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

Previous TSBs:	Date(s) Issued:
SA-013/23	03/07/23
09-015/23	02/24/23, 07/26/23 and 08/29/23

APPLICABLE MODEL(S)/VINS

2020-2022 CX-30 (Mexico built) vehicles produced before Mar. 3, 2022

2022 MX-30 vehicles with VINs lower than JM1 DR**** ** 100445 (Produced before Sept. 24, 2021)

2022 CX-5 vehicles with VINs lower than JM3 KF**** ** 649504 (Produced before Aug. 2022)

2023 CX-5 vehicles with VINs lower than JM3 KF**** ** 237775 (Produced before Mar. 2023)

DESCRIPTION

Some customers may notice an abnormal noise (i.e. whine, groan, rattle or squeak) coming from the front combination lights when turning them on, or a few minutes after turning them off.

The noise may be due to contamination by foreign matter during the manufacturing process. The fan motor bearing may become worn out during use. To eliminate the noise, the production process at the supplier and the material has been modified.

NOTE: It is normal for some noise to occur within the first few seconds after starting the engine, when the front combination lights perform a self check (sweep).

REPAIR PROCEDURE

1. Verify the customer complaint.
2. Replace the front combination light(s) with modified parts according to the instructions on MGSS online:
 - CX-30: (FRONT COMBINATION LIGHT REMOVAL/INSTALLATION)
 - MX-30: (FRONT COMBINATION LIGHT REMOVAL/INSTALLATION)
 - CX-5: (FRONT COMBINATION LIGHT REMOVAL/INSTALLATION)

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3. Verify the repair.

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PARTS INFORMATION**CX-30:**

Parts Number	Description	Qty.	Notes
DLLM-51-040	LAMP-HEAD.LH	1	North America, Mexico built
DLLM-51-030	LAMP-HEAD.RH	1	
DGJ1-51-040B	LAMP-HEAD.LH	1	
DGJ1-51-030B	LAMP-HEAD.RH	1	
DGH9-51-040A	LAMP-HEAD.LH	1	
DGH9-51-030A	LAMP-HEAD.RH	1	

MX-30:

Parts Number	Description	Qty.	Notes
DN4G-51-040A	LAMP-HEAD.LH	1	North America, Mexico built
DN4G-51-030A	LAMP-HEAD.RH	1	
DN4E-51-040	LAMP-HEAD.LH	1	
DN4E-51-030	LAMP-HEAD.RH	1	

CX-5:

Parts Number	Description	Qty.	Notes
KPF1-51-041A	LAMP-HEAD.LH	1	North America
KPF1-51-031A	LAMP-HEAD.RH	1	
KPF3-51-041A	LAMP-HEAD.LH	1	
KPF3-51-031A	LAMP-HEAD.RH	1	

NOTE:

- Refer to the GEPC to select the applicable part number.
- The part numbers have not been changed.
- All units in stock are modified parts.

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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	82
Damage Code	9G
Part Number Main Cause	****-51-030* or ****-51-040* (CX-30 / MX-30) ****-51-031* or ****-51-041* (CX-5)
Quantity	1
Operation Number / Labor Hours:	Refer to the tables below

NOTE: If necessary, claim opposite side head lamp as a related part.

CX-30:

VARIATION 1	VARIATION 2	VARIATION 3	VARIATION 4	VARIATION 5	LABOR OPERATION NUMBER	LABOR TIME
With 360° view monitor system	360°view monitor system screen display verification and 360°view monitor system aiming	Both sides	With front cross traffic alert (FCTA) system	---	XXW9HBRX	1.2
			Without front cross traffic alert (FCTA) system	With mazda radar cruise control (MRCC) system	XXW9HBRX	1.2
			Without front cross traffic alert (FCTA) system	Without mazda radar cruise control (MRCC) system	XXW9HDRX	1.0
		One side	With front cross traffic alert (FCTA) system	---	XXW9HHRX	1.0
			Without front cross traffic alert (FCTA) system	With mazda radar cruise control (MRCC) system	XXW9HHRX	1.0
			Without front cross traffic alert	Without mazda radar cruise	XXW9HJRX	0.9

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			(FCTA) system	control (MRCC) system		
	360°view monitor system screen display verification only	Both sides	With front cross traffic alert (FCTA) system	---	XXW9HCRX	1.1
With 360° view monitor system	360°view monitor system screen display verification only	Both sides	Without front cross traffic alert (FCTA) system	With mazda radar cruise control (MRCC) system	XXW9HCRX	1.1
			Without front cross traffic alert (FCTA) system	Without mazda radar cruise control (MRCC) system	XXW9HERX	0.9
		One side	With front cross traffic alert (FCTA) system	---	XXW9HHRX	1.0
			Without front cross traffic alert (FCTA) system	With mazda radar cruise control (MRCC) system	XXW9HJRX	0.9
			Without front cross traffic alert (FCTA) system	Without mazda radar cruise control (MRCC) system	XXW9HKRX	0.8
Without 360°view monitor system		Both sides	With front cross traffic alert (FCTA) system	---	XXW9HCRX	1.1
			Without front cross traffic alert (FCTA) system	With mazda radar cruise control (MRCC) system	XXW9HCRX	1.1
			Without front cross traffic alert (FCTA) system	Without mazda radar cruise control (MRCC) system	XXW9HFRX	0.8
		One side	With front cross traffic alert (FCTA) system	---	XXW9HJRX	0.9
			Without front cross traffic alert (FCTA) system	With mazda radar cruise control (MRCC) system	XXW9HJRX	0.9
			Without front cross traffic alert (FCTA) system	Without mazda radar cruise control (MRCC) system	XXW9HLRX	0.7

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MX-30:

VARIATION 1	VARIATION 2	VARIATION 3	VARIATION 4	LABOR OPERATION NUMBER	LABOR HOURS
Both sides	With 360°view monitor system	360°view monitor system screen display verification and 360°view monitor system aiming	---	XXW9HBRX	1.2
		360°view monitor system screen display verification only	With front cross traffic alert (FCTA) system	XXW9HBRX	1.2
		360°view monitor system screen display verification only	Without front cross traffic alert (FCTA) system	XXW9HCRX	1.1
	Without 360°view monitor system	---	---	XXW9HCRX	1.1
One side	With 360°view monitor system	360°view monitor system screen display verification and 360°view monitor system aiming	---	XXW9HHRX	1.0
		360°view monitor system screen display verification only	With front cross traffic alert (FCTA) system	XXW9HHRX	1.0
		360°view monitor system screen display verification only	Without front cross traffic alert (FCTA) system	XXW9HJRX	0.9
	Without 360°view monitor system	---	---	XXW9HJRX	0.9

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CX-5:

VARIATION 1	VARIATION 2	VARIATION 3	VARIATION 4	LABOR OPERATION NUMBER	LABOR HOURS
Both sides	With 360°view monitor system	With 360° view monitor system screen display verification	With 360° view monitor system aiming	XXW9HCRX	1.0
		With 360° view monitor system screen display verification	Without 360° view monitor system aiming	XXW9HDRX	0.9
	Without 360°view monitor system	Without 360° view monitor system screen display verification	Without 360° view monitor system aiming	XXW9HFRX	0.7
One side	With 360°view monitor system	With 360° view monitor system screen display verification	With 360° view monitor system aiming	XXW9HPRX	0.8
		With 360° view monitor system screen display verification	Without 360° view monitor system aiming	XXW9HNRX	0.7
	Without 360°view monitor system	Without 360° view monitor system screen display verification	Without 360° view monitor system aiming	XXW9HMRX	0.6

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