



# TECH TALK - VOLUME 290 JANUARY/FEBRUARY 2026

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## MMNA 2026 HOLIDAYS

- Jan 1 - New Years
- Jan 19 - Martin Luther King Day
- Feb 16 - Presidents' Day
- May 26 Memorial Day
- Jul 3 - Independence Day
- Sep 7 - Labor Day
- Nov 26-27 - Thanksgiving
- Dec 24-31 - Christmas/Winter Shutdown



## REMINDER:

The 1st Quarter Technican Quiz for 2026 (TQ012026) will be available January 1- March 31, 2026.

Dealer personnel must *successfully complete this quiz by no later than: March 31, 2026.*



## DEALER TECHNICIANS:

We'd like to hear from you!

Please submit tips and suggestions for future Tech Talk articles to: [servicesupport@mmsa.com](mailto:servicesupport@mmsa.com)



**TECHNICAL INFORMATION:** FULL VIN REQUIRED FOR TECH-LINE CASES

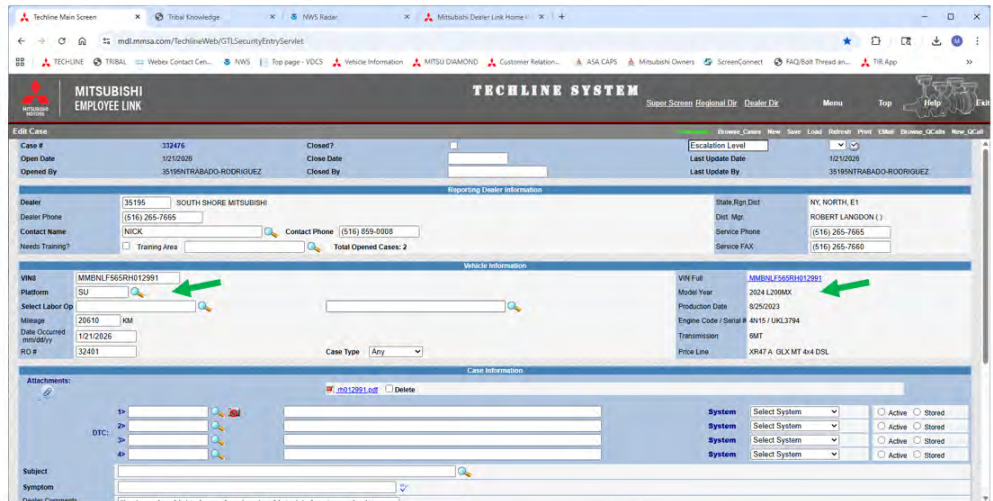
## AFFECTED VEHICLES:

All Mirage and Mirage G4

**GROUP:** 00

## CONCERN:

When opening a Tech-line case for Mirage or Mirage G4, the entire VIN number must be used. Using only the last 8 of the VIN may pull up a vehicle from Mexico and the mileage will display as kilometers. Check the Tech-line case after creation and verify the VIN and model. Vehicles from Mexico will display L200MX and SU for the platform.



## PRECAUTION: HOW TO ERASE C18F9-02 ASC CAN FAILURE

### Affected Models

Outlander Plug-in Hybrid

**GROUP:** 54

### Reason for C18F9-02 Detection

Due to EBA specifications, when "Read All DTCs" is performed or when the "ABS" system is selected on the MUT, C18F9-02 may be detected as a stored DTC. If this occurs please erase the DTC using the procedure below.

### How to Erase C18F9-02

1. Perform "Erase and Read All DTCs", then select "EBA" on the system selection screen.
2. Perform "Self-diagnosis" and erase the DTC.
3. Change the power mode to OFF (Auto ACC function OFF).
4. Change the power mode to ON (READY indicator: ON).
5. Perform "Self-diagnosis" in "EBA" again and confirm that the DTC is no longer detected.

\*If the DTC is detected again, inspect the vehicle according to the workshop manual

## DTC Description

N5060302D004A600USA

## DTC DETECTION LOGIC

### CAUTION:

When reading DTCs or communicating with ASC using Read All DTCs of the M.U.T.-IIISE, this DTC may be set as a past trouble. If this DTC is set due to the operation above, erase the DTC by "Diagnostic Trouble Code" of "EBA". Then check that this DTC is not set when reading DTC again and complete the diagnosis.

DTC Description		M.U.T.-III SE screen terms (Trouble diagnosis content)	DTC detection condition	
C18F9	02	ASC CAN Failure [Controller area network communication error(ASC)]	Diagnosis condition	<ul style="list-style-type: none"><li>• Electric motor switch ON</li><li>• Power supply voltage is normal</li></ul>
			Signal (terminal)	CAN communication signal
			Threshold	The abnormal brake fluid signal is received from the ABS actuator and electric unit.
			Diagnosis delay time	Within 1 second

**PRECAUTIONS: USE OF GENUINE PARTS AND PROPER PERIODICAL MAINTENANCE**

**AFFECTED MODELS:**

All









**GROUP:** 00

**CONCERN:**

Non-genuine parts such as fuel filter, oil filter, and air cleaner filter are widely available in the market. However, some of these products may deliver inferior performance as compared to genuine Mitsubishi replacement parts. This article highlights a report on engine damage caused by the use of a non-genuine air cleaner filter and re-emphasizes the importance of using genuine Mitsubishi replacement parts.

**Importance of Using Genuine Filters**

Using a non-genuine air cleaner filter with insufficient particle capture performance can allow debris to pass through to the clean side of the air cleaner and enter the engine. This poses a serious risk of damage to internal engine components, as shown in the photo below.

	<b>Air cleaner case clean side</b>	<b>Turbocharger compressor blade</b>	<b>Piston</b>	<b>Crankshaft bearing</b>
<b>Genuine air cleaner filter</b> *approx. 30,000km or 18,641 miles				
<b>Non Genuine air cleaner filter</b> *approx. 30,000km or 18,641 miles				

Please note that damage caused by the use of non-genuine parts with insufficient performance is not covered under warranty. To prevent such issues and minimize inconvenience to customers, we strongly recommend the use of genuine parts.

**Importance of Periodical Filter Maintenance**

To prevent vehicle damage and ensure optimal performance at all times, it is essential not only to use genuine Mitsubishi replacement parts but also to strictly follow the recommended maintenance intervals. In addition to the air cleaner filter, other periodic maintenance items such as fuel filters and oil filters should also be replaced according to the intervals specified in the vehicle's maintenance manual.

Following the recommended maintenance schedule helps prevent engine performance degradation and reduces the risk of damage to components. Always refer to the vehicle's maintenance manual and perform maintenance at the specified intervals to keep the vehicle in top condition.

## REPAIR INFORMATION: PRECAUTIONS DURING AIR CONDITIONER MAINTENANCE

### AFFECTED MODELS:

All

### GROUP: 55

#### A/C Refrigerant Charging

When charging refrigerant, follow the replacement procedures described in the workshop manual, and ensure that the charge amount is within the specified upper and lower limits. Even when using an automatic charging unit, set the refrigerant charge to the median value and perform the charging accordingly.

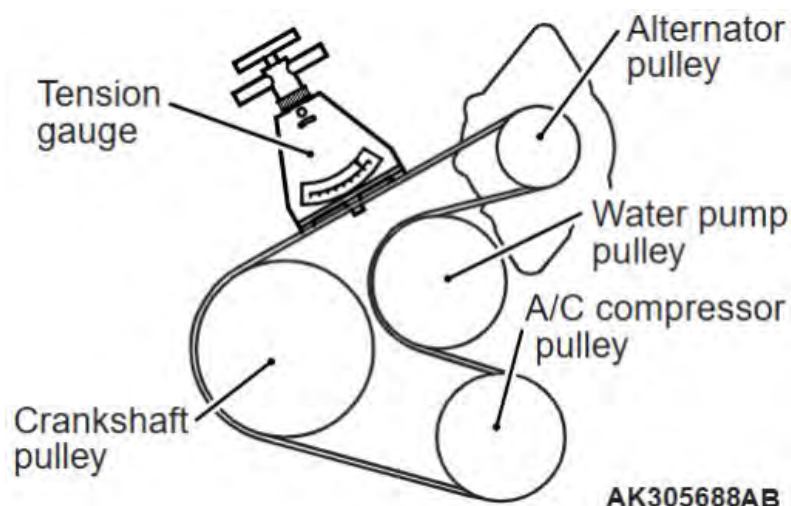
If the refrigerant charge amount is incorrect, it may result in compressor overload or component damage, or lead to cooling inefficiency and compressor failure caused by insufficient lubrication due to low refrigerant levels.

After charging, check the cooling performance according to the workshop manual, and make sure there are no abnormalities in temperature or refrigerant pressure.

#### Drive Belt Replacement and Adjustment

When inspecting or adjusting the compressor drive belt (if necessary), be sure to follow the specified belt tension values for each vehicle model. Adjust the belt tension in accordance with these specifications. Improper belt tension can cause performance degradation and component damage, and in the worst case, may lead to belt detachment, resulting in loss of power generation and cooling, and severe failures including battery depletion and engine overheating.

For details, refer to the workshop manual section "Alternator and A/C Drive Belt Tension Inspection."



## PRECAUTIONS AND INVESTIGATION SUPPORT REQUEST: WHEN SOUNDS ARE HEARD FROM STEERING GEAR BOX (GMOW/GNOW)

### AFFECTED MODELS:

2022-2026 Outlander and Outlander Plug-in Hybrid

### GROUP: 37

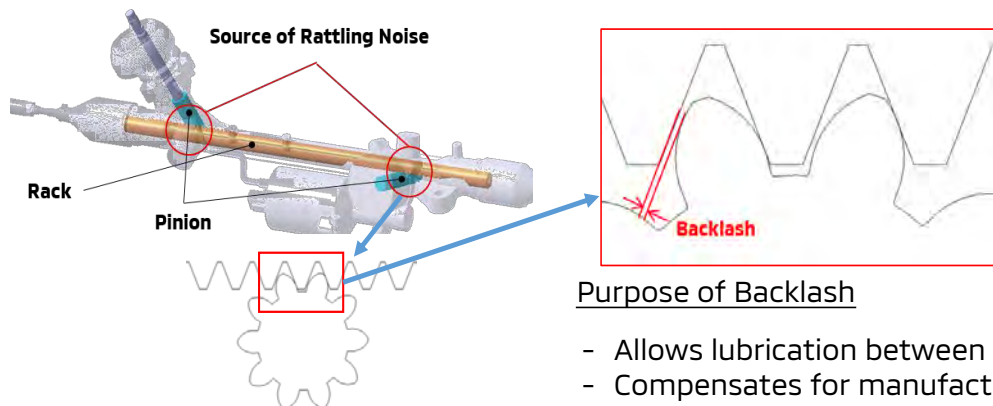
### CONCERN:

This article provides guidance when hearing sounds from the steering gearbox of OUTLANDER and OUTLANDER PLUG-IN HYBRID. (Patterns ① and ②) Please utilize this material to explain the operating sound of the steering gearbox to prevent customer complaints of remaining sound after replacing the steering gearbox with a new one.

### Mechanism of Operating Sound

#### Pattern ①

When starting to turn the steering wheel or counter-steering, the contact sound (backlash sound) between the pinion and rack can be heard. Backlash is a slight gap between the rack gear and pinion gear, and is necessary to allow smooth movement and prevent binding when the steering wheel turns.



#### Pattern ②

When the support yoke comes into contact with the rack housing. This phenomenon has already been explained in TSB-24-37-001REV and TIN-25-37-001. For this pattern, the grease inside the gearbox has been changed as a countermeasure to improve lubrication and reduce the noise since 12/7/2023. If the vehicle is equipped with a pre-countermeasure gearbox, replace it in accordance with the TSB-24-37-001REV.



If you find same pattern of noise from post-countermeasure vehicles, TSB-24-37-001REV does not apply. Refer to TIN-25-37-001 and must contact Tech Line for guidance before proceeding any repair. Warranty claims from post-countermeasure vehicles will be monitored.



## TSB/TIN/ATIN/SC/SR REVIEW

Since Tech Talk 289, the following bulletins have been published:

PUBLISH DATE	TSB/ATIN/TIN #	SUBJECT	MODELS
11/21/2025	TSB-25-00-005	NEW MODEL FEATURES AND SERVICE INFORMATION - 2026 2026 OUTLANDER	2026 OUTLANDER
	TIN-25-51-001	FRONT BUMPER COVER INSTALLATION - PREVENTING DETACHMENT	2022-2025 OUTLANDER AND 2023-2025 OUTLANDER PLUG-IN HYBRID
11/24/2025	TIN-25-37-001	NOISE AND VIBRATION WHEN TURNING THE STEERING WHEEL	CERTAIN 2024 OUTLANDER AND OUTLANDER PLUG-IN HYBRID & ALL 2025 OUTLANDER AND OUTLANDER PLUG-IN HYBRID
12/16/2025	TIN-25-11-002	FLUID SEEPAGE BETWEEN ENGINE AND TRANSMISSION	2022-2025 OUTLANDER WITH ENGINE PR25DD (2.5L) AND TRANSMISSION W1CJD/FCJD (CVT8)
12/22/2025	TSB-24-35-001	NOISE FROM BRAKE CALIPER WHEN BRAKING OR CORNERING (VER 4)	2022-2024 OUTLANDER AND 2023-2024 OUTLANDER PLUG-IN HYBRID

### IMPORTANT

Affected new or used vehicle inventory must be repaired before the vehicle is sold or delivered. Dealers must check their vehicle inventory VINs on the Warranty Superscreen to verify whether the vehicle is involved in a recall campaign.

It is a violation of Federal Law for a dealer to sell or deliver a new motor vehicle or any new / used motor vehicle equipment (including a tire) covered by the notification under a sale or lease until the defect or non-compliance is remedied.





# TECHNICAL TRAINING COURSE SCHEDULE

Atlanta Technical Training Center - Southeast Region  
 801 Interstate West Parkway, Lithia Spring, GA 30122  
 (770) 732-3000 Airport: Atlanta (ATL)

January '26				
Monday	Tuesday	Wednesday	Thursday	Friday
29	30	31	1	2
5	6	7	8	9
EECS	EECS	EECS	EECS	EECS
12	13	14	15	16
ER1	ER1	ER1	ER1	CVT V-ILT
19	MED4	STV4	EL1	EL1
26	27	28	29	30

February '26				
Monday	Tuesday	Wednesday	Thursday	Friday
2	3	4	5	6
ADAS	ADAS	CES	CES	
9	10	11	12	13
CC1	CC1			
16	17	18	19	20
ER1	ER1	ER1	ER1	
23	24	25	26	27

March '26				
Monday	Tuesday	Wednesday	Thursday	Friday
2	3	4	5	6
MED4 V-ILT	STV4 V-ILT	EL1 V-ILT	EL1 V-ILT	
9	10	11	12	13
16	17	18	19	20
23	24	25	26	27
30	31	1	2	3

New Jersey Technical Training Center - Northeast Region  
 516 Heron Drive, Swedesboro NJ 08085  
 (856) 467-7100 Airport: Philadelphia (PHL)

January '26				
Monday	Tuesday	Wednesday	Thursday	Friday
26	27	28	29	30
3	4	5	6	7
10	11	12	13	14
ADAS	ADAS	CES	CES	
17	18	19	20	21
BES	BES	CVT V-ILT		
24	25	26	27	28
PHEVG2TT V-ILT	PHEVG2TT V-ILT	PHEVG2TT V-ILT	PHEVG2TT V-ILT	

February '26				
Monday	Tuesday	Wednesday	Thursday	Friday
2	3	4	5	6
9	10	11	12	13
CC1	CC1			
16	17	18	19	20
MED V-ILT	STV4 V-ILT	EL1 V-ILT	EL1 V-ILT	
23	24	25	26	27
PHEVG2TT V-ILT	PHEVG2TT V-ILT	PHEVG2TT V-ILT	PHEVG2TT V-ILT	

March '26				
Monday	Tuesday	Wednesday	Thursday	Friday
2	3	4	5	6
EECS	EECS	EECS	EECS	
9	10	11	12	13
ER1	ER1	ER1	ER1	CVT F2F
16	17	18	19	20
23	24	25	26	27
CES	CES	ADAS	ADAS	
30	31	1	2	3
PHEVG2TT V-ILT	PHEVG2TT V-ILT	PHEVG2TT V-ILT	PHEVG2TT V-ILT	

Franklin Technical Training Center  
 1552 Columbia Avenue, Franklin TN 37064  
 (657) 238-2891 Airport: Nashville (BNA)

January '26				
Monday	Tuesday	Wednesday	Thursday	Friday
26	27	28	29	30
3	4	5	6	7
10	11	12	13	14
MED4 V-ILT	STV4 V-ILT	EL1 V-ILT	EL1 V-ILT	
17	18	19	20	21
24	25	26	27	28

February '26				
Monday	Tuesday	Wednesday	Thursday	Friday
2	3	4	5	6
MED4 V-ILT	STV4 V-ILT	EL1 V-ILT	EL1 V-ILT	
9	10	11	12	13
16	17	18	19	20
23	24	25	26	27

March '26				
Monday	Tuesday	Wednesday	Thursday	Friday
2	3	4	5	6
9	10	11	12	13
MED4 V-ILT	STV4 V-ILT	EL1 V-ILT	EL1 V-ILT	
16	17	18	19	20
23	24	25	26	27
30	31	1	2	3

Course Title	Days	Code	Prerequisites
Engine & Emission Control Systems	4	EECS	ES1W, EL1, STV4, MED4, ME3W
Engine Repair	3	ER1	ES1W, EL1, STV4, MED4, ME3W
Climate Control	2	CC1	ES1W, EL1, STV4, MED4, ME3W
Plug-In Hybrid Electric Vehicle (Virtual) or (F2F)	2	PHEVG2TT	EL1, STV4, MED4, DGPHEVWT
MED4 (Virtual) or (F2F)	1	MED4	ME3W
STV4 (Virtual) or (F2F)	1	STV4	No Prerequisites
Electrical Systems 1 (Virtual) or (F2F)	2	EL1	ES1W
Advanced Driver Assistance Systems	2	ADAS	ES1W, EL1, STV4, MED4, ME3W
Chassis Electrical Systems	2	CES	EL1, STV4, MED4, ME3W, ES1W
CVT OVERHAUL PROCEDURES (Virtual) or (F2F)	1	CVT	STV4, MED4, EL1, ATFV
Brake Control System	2	BCS	MED4, STV4, EL1
Service Manual Introduction (Virtual) or (F2F)	1	SMI	MED4, STV4, EL1

Classes shaded in Green are (V-ILT) Virtual Instructor Led Training

MMNA technical on site training is not shaded

CVT, SMI, PHEVG2TT, MED4, STV4, and EL1 will be offered in two training formats.

- V-ILT online instructor-led.
- F2F in center training.



DALLAS, 01/07/26

## Mitsubishi Motors and AT&T Collaborate to Bring 5G Connectivity to the Driving Experience

*High-speed AT&T 5G turns Mitsubishi's flagship SUV into a smart, connected experience for drivers and passengers*

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### Key Takeaways:

- 5G will allow Mitsubishi Connected Car Services to deliver faster software rollouts and more responsive driver support, all backed by AT&T's secure and reliable network.
  - AT&T 5G enables real-time navigation, faster infotainment, and seamless over-the-air updates on select systems – all built into the Outlander's core architecture.
- 

Mitsubishi Motors North America, Inc. (MMNA) is bringing advanced technology to the 2026 Mitsubishi Outlander, the brand's flagship SUV. With AT&T 5G connectivity, Outlander will offer even more tech inside, including ultra-fast data speeds, enhanced entertainment options and improved performance – ensuring drivers and passengers stay connected on the road.

The benefits go beyond entertainment. Over-the-air updates, powered by AT&T 5G, will let Mitsubishi Motors remotely deliver software upgrades and security patches to select vehicle systems. This means their vehicles will stay up to date with the latest technology, improved performance, and enhanced features – all with greater convenience and reduced downtime.

Mitsubishi's embedding of AT&T 5G connectivity opens new paths to operational efficiencies and deeper customer relationships. 5G networks can provide lower latency, higher capacity, and increased bandwidth made possible with ultra-fast data speed and AT&T's strong network leadership. Every drive becomes a connected and entertaining experience.<sup>1</sup>

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<sup>1</sup> Distracted driving is dangerous. Restrict use of connected devices and services, vehicle displays, and vehicle controls to safe times. Always exercise caution so your full attention is given to vehicle operation.



“At Mitsubishi Motors, our goal is to create a transformative, personalized experience for every driver,” said Bryan Arnett, MMNA’s Director of Digital Product Strategy. “Working with AT&T – an industry leader in automotive connectivity – ensures our focus on exceeding customers’ expectations will be delivered through next-generation technology that redefines the connected vehicle.”

"Our relationship with Mitsubishi Motors reflects a shared commitment to innovation and customer satisfaction," said Matt Harden, Vice President, AT&T Connected Solutions. "Together we're elevating the experience by combining advanced networking with flexible, future-ready services that grow with customer needs."

AT&T covers more roads than any other carrier<sup>2</sup>. We are a pioneer in connected car technology, providing innovative solutions that help enhance the in-car experience. We continue to lead the way in delivering reliable, high-speed connectivity for vehicles.

Mitsubishi rolled out the Outlander with AT&T 5G connectivity. Additional models and trim levels will follow.

*For more information about AT&T Connected Car, visit [here](#).*

#### **About AT&T**

We help more than 100 million U.S. families, friends and neighbors, plus nearly 2.5 million businesses, connect to greater possibility. From the first phone call 140+ years ago to our 5G wireless and multi-gig internet offerings today, we @ATT innovate to improve lives. For more information about AT&T Inc. (NYSE:T), please visit us at [about.att.com](https://about.att.com). Investors can learn more at [investors.att.com](https://investors.att.com).

#### **About Mitsubishi Motors Inc.**

Through a network of approximately 330 dealer partners across the United States, Mitsubishi Motors North America, Inc. (MMNA) is responsible for the sales, marketing, and customer service of Mitsubishi Motors vehicles in the U.S. MMNA’s recently announced five-year business plan – “[Momentum 2030](#)” – outlines the brand’s mid-term intentions for product and business transformation. MMNA will expand and refresh its vehicle lineup in the U.S. with one new or completely refreshed model to debut each year between now and 2030. Powered by a selection of advanced-technology internal combustion engines, hybrids, plug-in hybrids, and battery electrics, the product line will nearly double from today’s four vehicles. Momentum 2030 also includes a vision for a modernized retail sales model and plans for network expansion and sales growth.

MMNA has its headquarters in Franklin, Tennessee, as well as corporate operations in California, Georgia, Michigan, and New Jersey.

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<sup>2</sup> Based on Independent Third-Party Data