



Mitsubishi Motors North America, Inc.

TECHNICAL SERVICE BULLETIN

SUBJECT:

REAR SHOCK ABSORBER FLUID LEAK

No: TSB-24-34-001

Version: 3

Reason for change: To update
affected model years

Date: August 19, 2026

TO: Mitsubishi Motors US and Puerto Rico Dealer Principals, General Managers, Service Managers, Service Advisors, Parts Managers, Technicians and Warranty Administrators

PURPOSE

This TSB provides instructions on how to remedy fluid leaks from the Rear Shock Absorber.

BACKGROUND

The upper portion of the shock absorber is exposed to the outside and the upper insulator is open. As a result, a large amount of water containing anti-freeze agent and other substances may intrude at the top, causing the rod sliding portion of the shock absorber to rust and damage the oil seal, causing a fluid leak.

AFFECTED VEHICLES

2022 - 2024 Outlander prior to VIN JA4J4VA83RZ005366 built on 7/3/2023

2023 Outlander Plug-in Hybrid prior to VIN JA4T5VA95PZ062499 built on 7/3/2023

PLEASE NOTE: VIN range qualifies the repair. If you have a situation where a vehicle concern mirrors this TSB but is outside of the VIN range, contact Techline for further assistance.

WORK PROCEDURE

On a customer complaint basis replace the old shock absorber with the new SHOCK ABSORBER, RR SUSP and INSULATOR, RR SHOCK ABSORBER (both the left and right), then install CAP, RR SHOCK ABSORBER.

- Adding the CAP-RR SHOCK ABS will prevent water/substance intrusion
- INSUL ASSY-SHOCK ABS MTG shape has been changed
- A groove has been added on INSUL ASSY-SHOCK ABS for mounting a rubber cap
- The added rubber cap on top of the INSUL ASSY-SHOCK ABS MTG will provide protection from water and other substances



PARTS

		<New>	<Old>		
Outlander	CAP,RR SHOCK ABSORBER	AX000771	-	2pcs/car	Additional parts
	INSULATOR,RR SHOCK ABSORBER	AX000770	4162A500	2pcs/car	Replacement parts
	NUT,FR SUSP STRUT	AX000208	←	2pcs/car	
	SHOCK ABSORBER,RR SUSP	4162A504	←	2pcs/car	
Outlander PHEV	CAP,RR SHOCK ABSORBER	AX000771	-	2pcs/car	Additional parts
	INSULATOR,RR SHOCK ABSORBER	AX000770	4162A500	2pcs/car	Replacement parts
	NUT,FR SUSP STRUT	AX000208	←	2pcs/car	
	SHOCK ABSORBER,RR SUSP	4162A506	←	2pcs/car	

WARRANTY

This bulletin is supplied as technical information only and is not an authorization to repair. If an affected vehicle is reported with the described condition, diagnose the condition, repair as described in this bulletin, and submit a normal warranty claim using the information below.

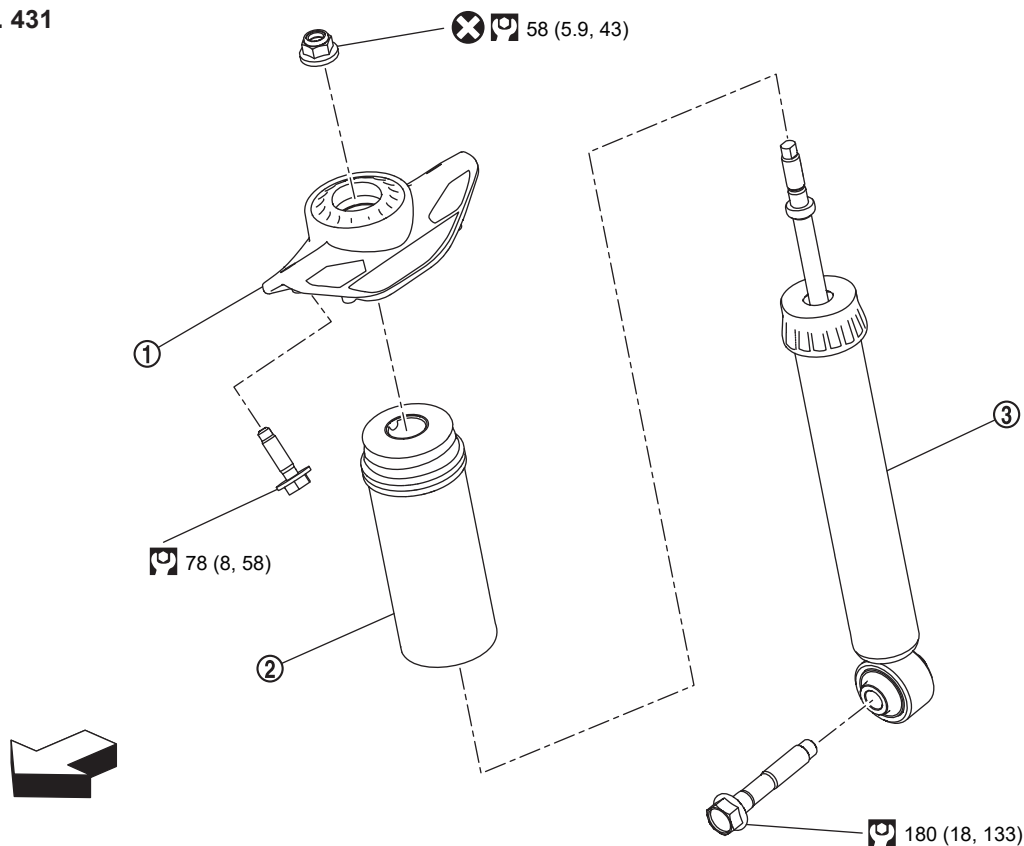
Labor Operation Code	Operation	Cause Code A	Nature Code B	Nature Code C	Quantity	Labor Time	Primary Failed Part Number
346311LK	Replacement	300	71	7	1	0.9H	OUTLANDER 4162A504/ OUTLANDER PLUG-IN HYBRID 4162A506

PLEASE NOTE: VIN range qualifies the repair. If you have a situation where a vehicle concern mirrors this TSB but is outside of the VIN range, contact Techline for further assistance.

Disclaimer

NOTE: The information contained in this document is intended for use by trained, professional technicians with the knowledge to properly and perform diagnosis and repairs on Mitsubishi vehicles, using Mitsubishi Motors-approved tools and equipment. This information is intended to inform service technicians about conditions that could occur in certain vehicles and provide information that could assist in proper vehicle diagnosis, service, or repair. The information contained in this document does not indicate that a defect is present in any vehicle referenced in this document nor does it imply that the described repairs are covered under warranty. DO NOT assume that a symptom or condition, or a described cause of a symptom or condition, affects any particular vehicle or groups of vehicles, or that a described repair applies to any particular vehicle or groups of vehicles. There can be multiple causes resulting in the same or similar symptoms or conditions described in this document and trained professional service technicians must use their diagnostic skills to make evaluations on a case-by-case basis. The information contained in this document does not guarantee warranty coverage nor does it extend the vehicle's warranty in any way.

SEC. 431



DF100AHQAA00USA

①	Shock absorber mounting bracket	②	Bound bumper	③	Shock absorber
←	: Vehicle front				
Ⓐ	: N·m (kg-m, ft-lb)				
⊗	: Always replace after every disassembly.				

REMOVAL

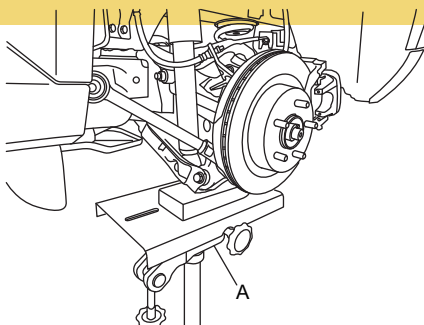
1.Remove tires. Refer to [BATTERY](#)

2.Set jack under front lower link.

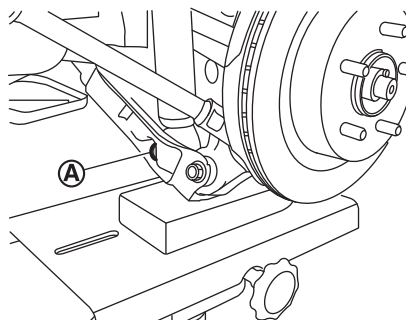
CAUTION:

- Check the stable condition when using a jack.

- Never damage front lower link with a jack (A).

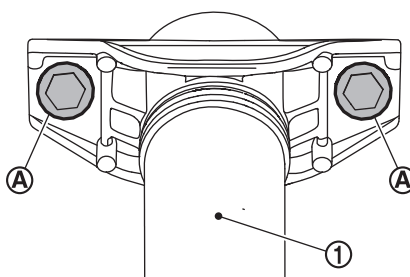


3.Remove shock absorber mounting bolt (A) (lower side).



CF100AHSAA00USA

4.Remove shock absorber (1) mounting bolts (A) (Upper side).



CF100AHTAA00USA

INSTALLATION

Note the following, and install in the reverse order of removal.

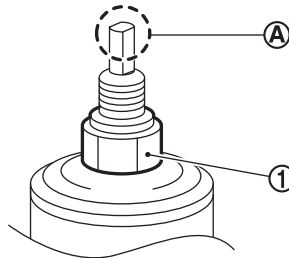
- Perform final tightening of fixing parts at the vehicle installation position (rubber bushing), under unladen conditions with tires on level ground.
- 5.Remove shock absorber.
- 6.Perform inspection after removal. Refer to [REAR SHOCK ABSORBER](#).

- Perform inspection after installation. Refer to [REAR SHOCK ABSORBER](#).
- After replacing the shock absorber, always follow the disposal procedure to discard the shock absorber. Refer to Disposal [REAR SHOCK ABSORBER](#).

DISASSEMBLY

- When fixing shock absorber with a vise, wrap a shop cloth around lower side of shock absorber to protect from damage. Never set the cylindrical part of shock absorber with a vise.

- When removing piston rod lock nut ①, while securing the piston rod tip ② that piston rod does not turn.

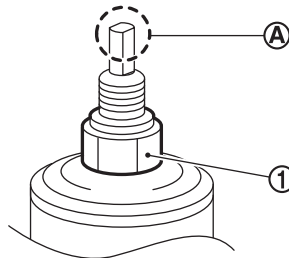


ASSEMBLY

CAUTION:

- Never damage shock absorber piston rod when removing components from shock absorber.
- When fixing shock absorber with a vise, wrap a shop cloth around lower side of shock absorber to protect from damage. Never set the cylindrical part of shock absorber with a vise.

- Secure piston rod tip ② so that piston rod does not turn, then tighten piston rod lock nut ① with specified torque.



CAUTION:

Never reuse piston rod lock nut.

INSPECTION AFTER DISASSEMBLY

Check shock absorber and bearing for deformation, cracks, and other damage.

- Piston rod for damage, uneven wear, and distortion.
- Oil leakage

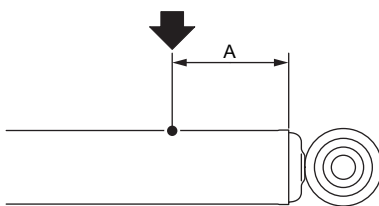
INSPECTION AFTER REMOVAL

Check rear shock absorber for deformation, crack, and damage. Replace it if necessary.

INSPECTION AFTER INSTALLATION

Check wheel alignment. Refer to [WHEEL ALIGNMENT](#).

1. Set shock absorber horizontally to the ground with the piston rod fully extracted.



CAUTION:

- Wear eye protection (safety glasses).
- Wear gloves.
- Be careful with metal chips or oil blown out by the compressed gas.



NOTE:

- Drill vertically in this direction show by arrow.
- Directly to the outer tube avoiding brackets.
- The gas is clear, colorless, odorless, and harmless.

A : 20 – 30 mm (0.79 – 1.18 in)

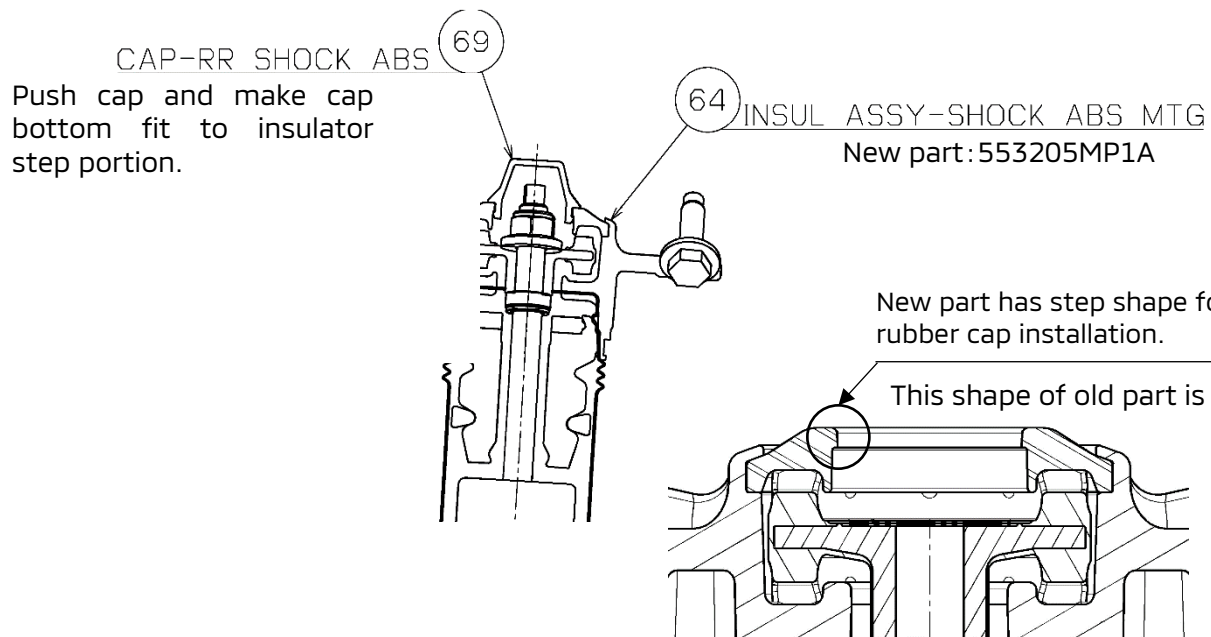
3. Position the drilled hole downward and drain oil by moving the piston rod several times.

CAUTION:

Dispose of drained oil according to the law and local regulations.

Cap Installation Guide

Additional part : 562045MP0B



NOTE:

Do not replace the parts with this combination: Old insulator with new rubber cap. Attaching the rubber cap to an old insulator causes the rubber cap to come off easily.