

May 23, 2023

Version 1

RDX/MDX Sunroof and Sunshade Function Loss

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2019–23	RDX	ALL	ALL
2022–23	MDX	ALL	ALL

SYMPTOM

The client notices loss of auto function, or no function, of the sunroof glass/sunshade.

POSSIBLE CAUSE

Motor-Control Unit error code in the clock frequency check will falsely detect a failure.

CORRECTIVE ACTION

Replace both roof glass motor and sunshade motor.

PARTS INFORMATION

Model	Part Name	Part Number	Quantity
RDX	Sunroof/Sunshade Motor Assembly	70450-TJB-A52	2
MDX	Sunroof/Sunshade Motor Assembly	70450-TYA-A51	2

CLIENT INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Acura automobile dealer.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Model	Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
RDX	729140	Replace Moonroof motor	2.0 hr	03214	03217	B23013A	70450-TJB-A51
	F	For Sunshade motor-Add	0.1 hr				
MDX	729140	Replace Moonroof motor	3.4 hr	03214	03217	B23013B	70450-TYA-A02
	F	For Sunshade motor-Add	0.1 hr				

Skill level: Repair Technician

REPAIR PROCEDURE

1. In Service Information, refer to Panoramic Glass Roof Mechanical Component Location Index for both glass roof and sunshade motor replacement procedure.
2. After installation, follow the procedure for Resetting the Panoramic Glass Roof Motor-Control Unit and Sunshade Motor Control Unit.
3. Verify proper roof glass and sunshade auto open/close operations.

END