



TECHNICAL SERVICE BULLETIN

Squeak And/Or Rattle From Roof

22-2142

22 April 2022

This bulletin supersedes 22-2070.

Model:

Ford 2021-2022 Bronco

Summary

This article supersedes TSB 22-2070 to update the Service Procedure and Part List.

Issue: Some 2021-2022 Bronco vehicles may exhibit a squeak and/or rattle that originates from the roof while driving over rough surfaces. This may be due to poor roof installation, noisy roof seals or roof latches/locator pins wearing prematurely. Follow the service procedure to correct the source of the noise.

Action: Follow the Service Procedure steps to repair vehicles that meet all of the following criteria:

- 2021-2022 Bronco
- Rattle and/or squeak originating from the roof (soft top or hard top)

Parts

Service Part Number	Quantity	Description	Note
M2DZ-78205G38-AC	1	Right Front Latch - Hard Top	
M2DZ 78502G70 AC	1	Right Front Latch - Soft Top	
M2DZ-78205G63-AB	1	Left Front Latch - Hard Top / Soft Top	
M2DZ 78510A04 B	1	B-Pillar Locator Pin - Hard Top	
M2DZ 78502H16 AC	1	Middle Panel Right Latch - Hard Top	
M2DZ 78502H17 AC	1	Middle Panel Left Latch - Hard Top	
164-R4906	As Needed	Krytox® Grease	Rotunda part number

Warranty Status: Eligible under provisions of New Vehicle Limited Warranty (NVLW)/Service Part Warranty (SPW)/Special Service Part (SSP)/Extended Service Plan (ESP) coverage. Limits/policies/prior approvals are not altered by a TSB. NVLW/SPW/SSP/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

Labor Times

Description	Operation No.	Time
2021-2022 Bronco: Diagnose And Repair Noise Concern Following The Service Procedure (Do Not Use With Any Other Labor Operations)	MT222142	Actual Time

Repair/Claim Coding

Causal Part:	78205G38
Condition Code:	30

Service Procedure

1. Pinpoint the location of the roof noise by test driving the vehicle on rough roads or by duplicating the customer's driving habits.

2. Proceed to the appropriate procedure based on how the vehicle is equipped.

(1). If the vehicle is equipped with a soft top roof, complete Procedure A.

(2). If the vehicle is equipped with a hard top roof, complete Procedure B.

Procedure A: Diagnose Squeaks And/Or Rattles Coming From The Soft Top Roof

1. Inspect the front and middle soft top latches to make sure they are properly secured to the body. Inspect the quarter and rear windows to make sure they are properly secured. Refer to the Digital Owner's Manual > Removable Vehicle Components > Removable Soft Top.

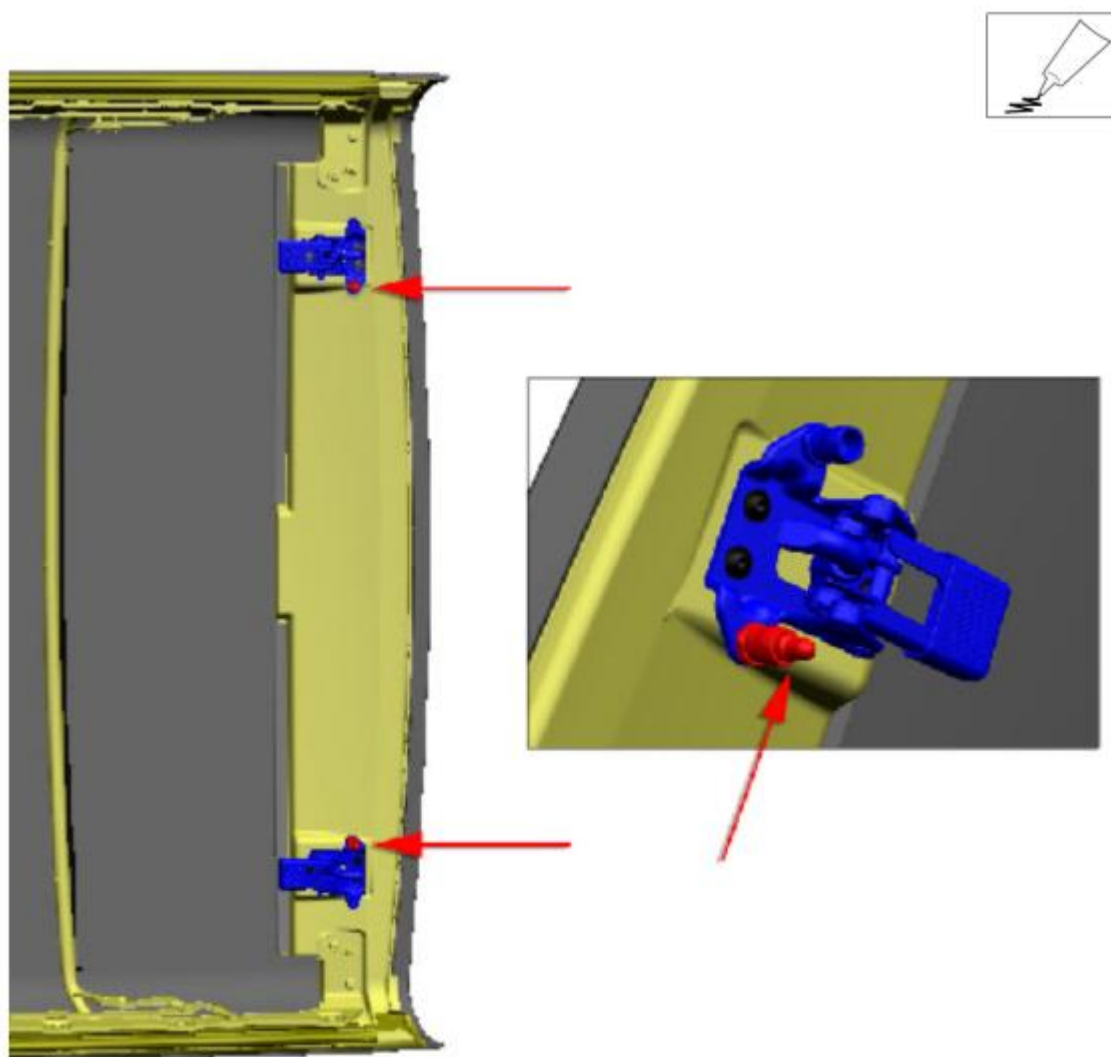
2. Did resecuring the soft top assemblies to the vehicle resolve the noise?

(1). Yes - repair is complete. Advise customer on proper soft top operating procedure by having them refer to the Digital Owner's Manual > Removable Vehicle Components > Removable Soft Top.

(2). No - proceed to Step 3.

3. Apply Krytox® grease to the latch hooks and locator pins on both front latches. Refer to Figure 1 for locator pin identification.

Figure 1



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4. Did applying Krytox® grease to the latch hooks and locator pins resolve the noise?

(1). Yes - replace the affected latch assembly. Repair is complete.

(2). No - proceed to Step 5.

5. Apply Krytox® grease to the header seal where it contacts the soft top roof assembly.

6. Did applying Krytox® grease to the header seal resolve the noise?

(1). Yes - repair is complete.

(2). No - this article does not apply. Refer to Workshop Manual (WSM), Section 501-18A.

Procedure B: Diagnose Squeaks And/Or Rattles Coming From The Hard Top Roof

1. Inspect the front and middle (if equipped) roof sections to make sure they are properly secured to the vehicle. Refer to the Digital Owner's Manual > Removable Vehicle Components > Removable Hard Top.

2. Did resecuring the hard top assemblies to the vehicle resolve the noise?

(1). Yes - repair is complete. Advise customer on proper hard top operating procedures by having them refer to the Digital Owner's Manual > Removable Vehicle Components > Removable Hard Top.

(2). No - proceed to Step 3.

3. Identify all suspect latch hooks and locator pins and apply Krytox® grease to each one, one at a time, to isolate the source of the noise. Refer to Figure 2 for locator pin identification on 5-door vehicles. Refer to Figure 3 for locator pin identification on 3-door vehicles. (Figures 2-3)

Figure 2

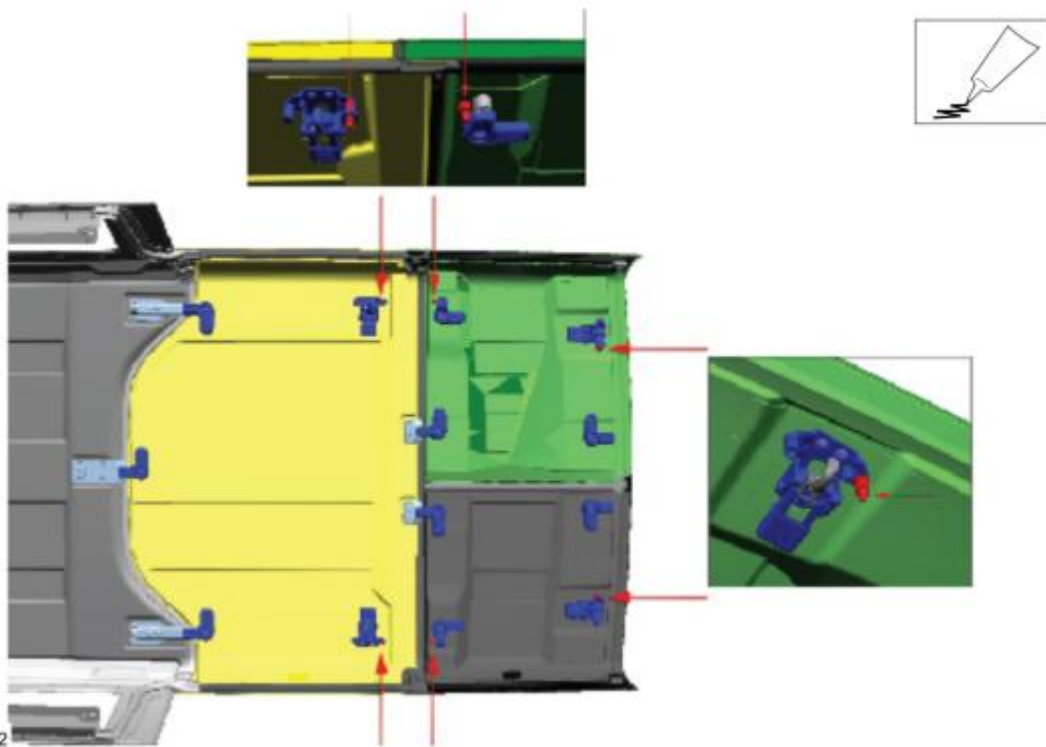
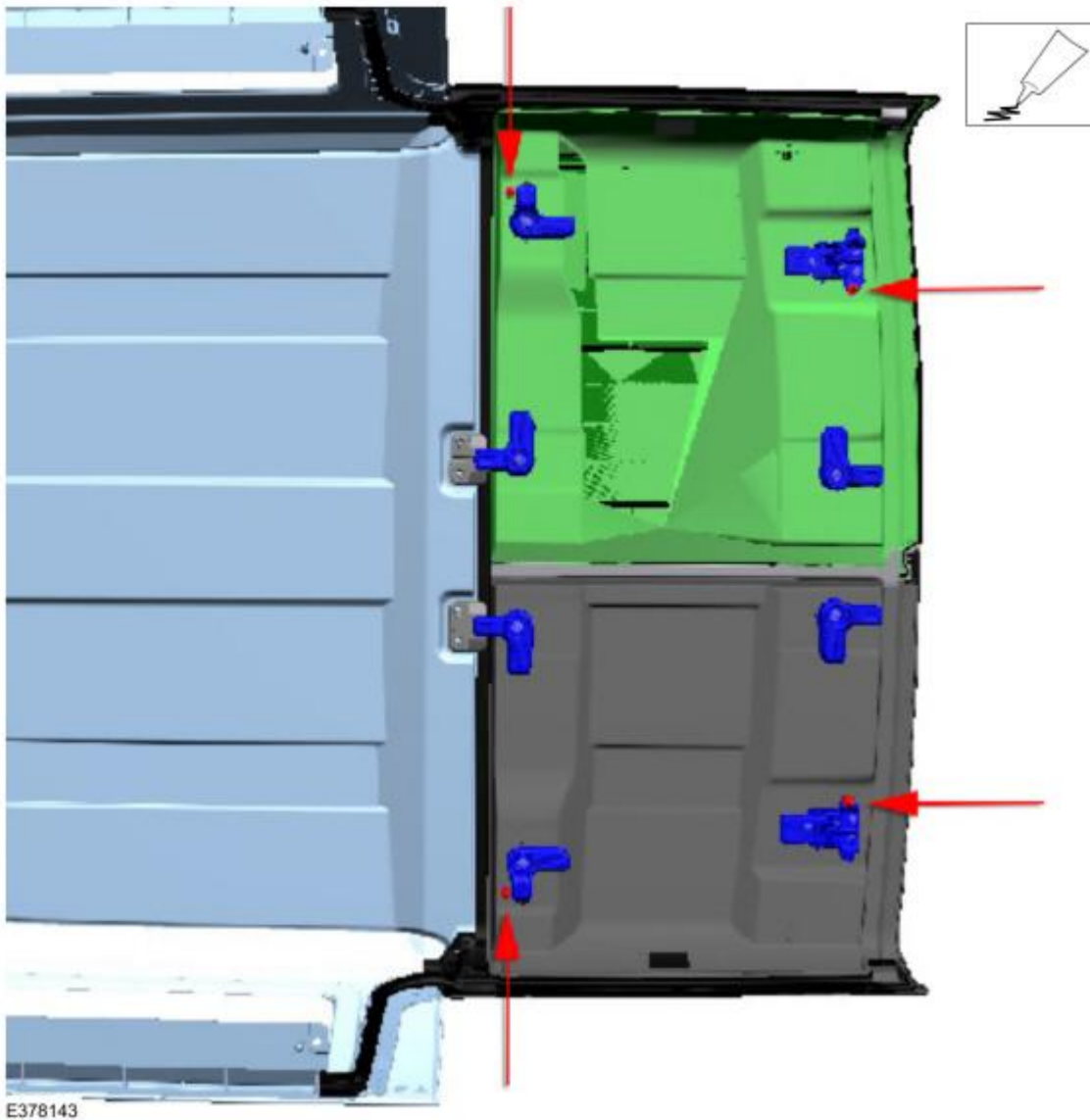


Figure 3



4. Did applying Krytox® grease to the latch hooks and locator pins resolve the noise?
 - (1). Yes - replace the affected latch and/or locator pin assemblies. Repair is complete.
 - (2). No - proceed to Step 5.
5. Apply Krytox® grease to all hard top seals that are suspected of producing the noise.
6. Did applying Krytox® grease to any of the hard top seals resolve the noise?
 - (1). Yes - repair is complete.
 - (2). No - this article does not apply. Refer to Workshop Manual (WSM), Section 501-18B.

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