



# TECHNICAL SERVICE BULLETIN

## Squeak And/Or Rattle From Roof

**22-2070**  
28 February 2022

### Model:

Ford 2021-2022 Bronco
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**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
- Squeak and/or rattle originating from the roof (soft top or hard top)

### Parts

Service Part Number	Quantity	Description	Note
164-R4906	If Needed	Krytox® Grease	Rotunda part number (or obtain locally)

**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)	MT222070	Actual Time

### Repair/Claim Coding

Causal Part:	78205G38
Condition Code:	D4

## 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.

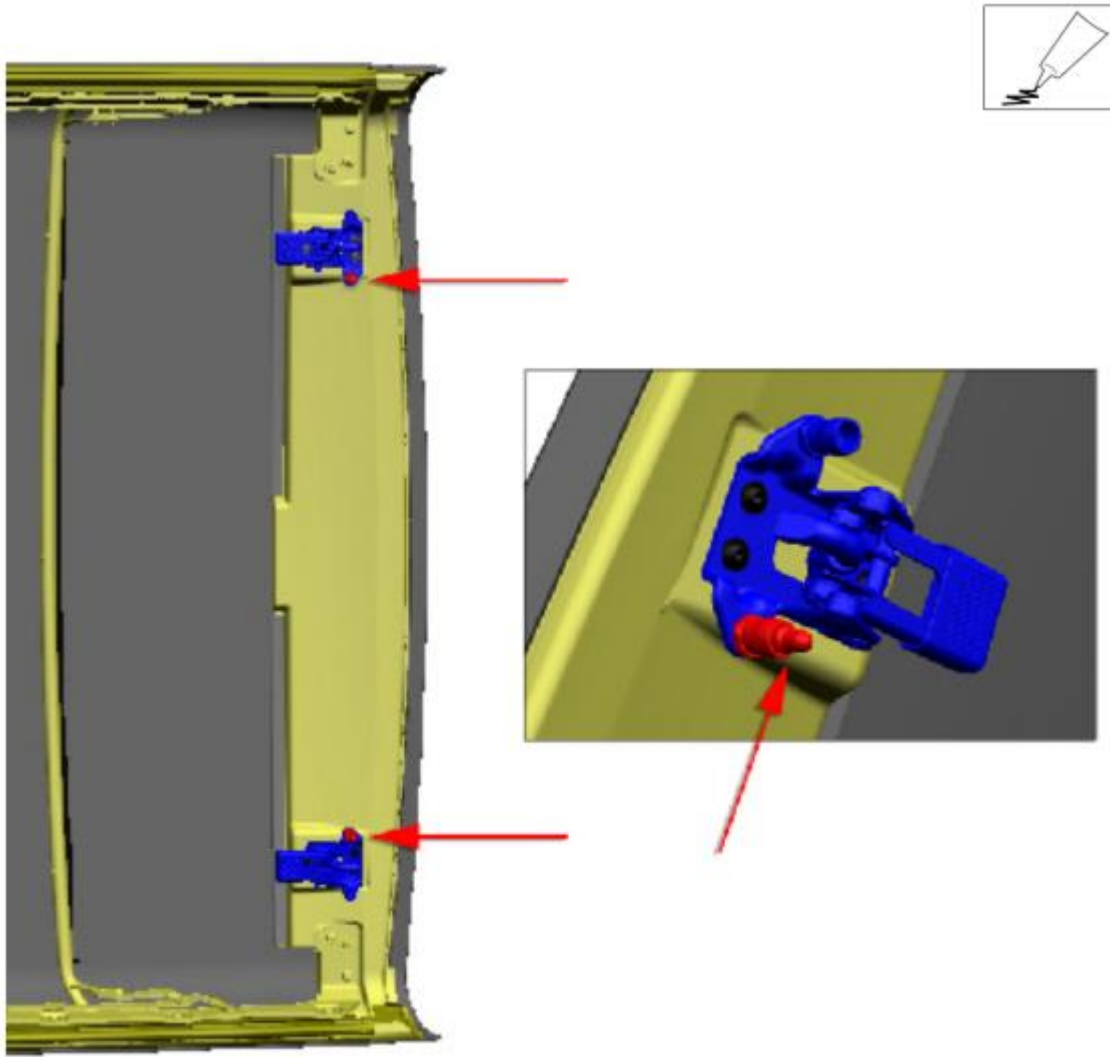
### Procedure A: Diagnose Squeaks And/Or Rattles Coming From The Soft Top Roof

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 - repair is complete. Improved latch and locator pins are currently under development by engineering. A future publication will be released when they become available. Monitor OASIS for updates and schedule a follow up with the customer to install the improved latch and locator pin assemblies when they become available.

(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. Apply Krytox® grease to all latch hooks and locator pins that are suspected of producing 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

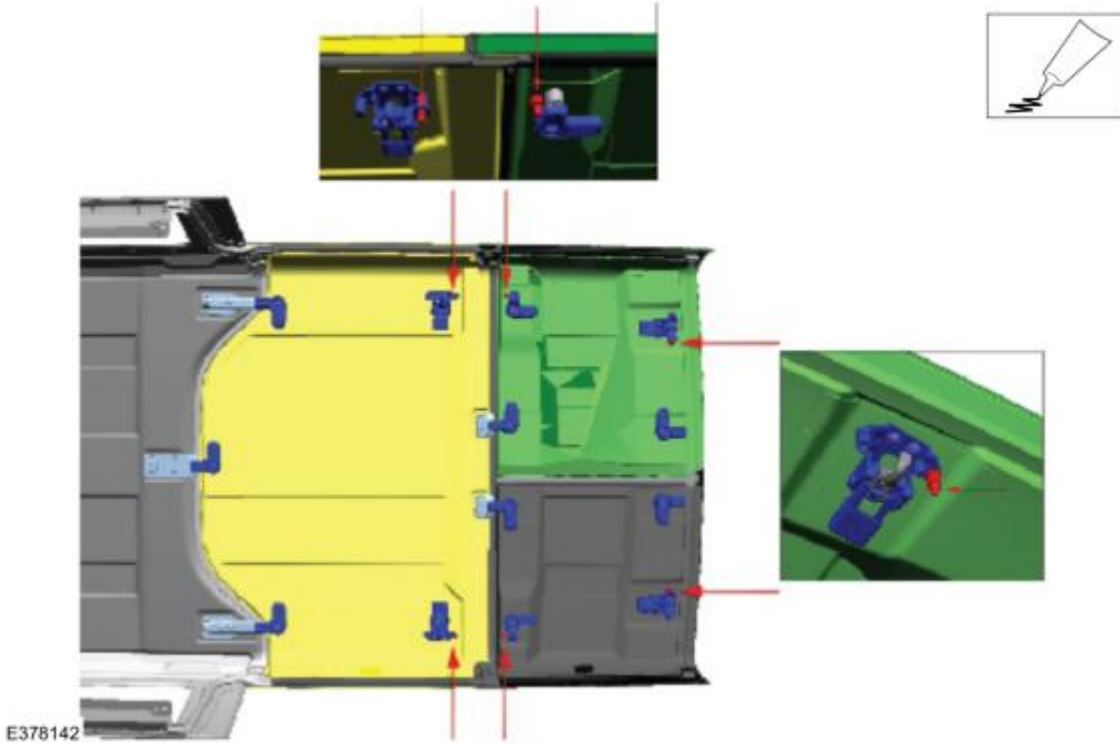
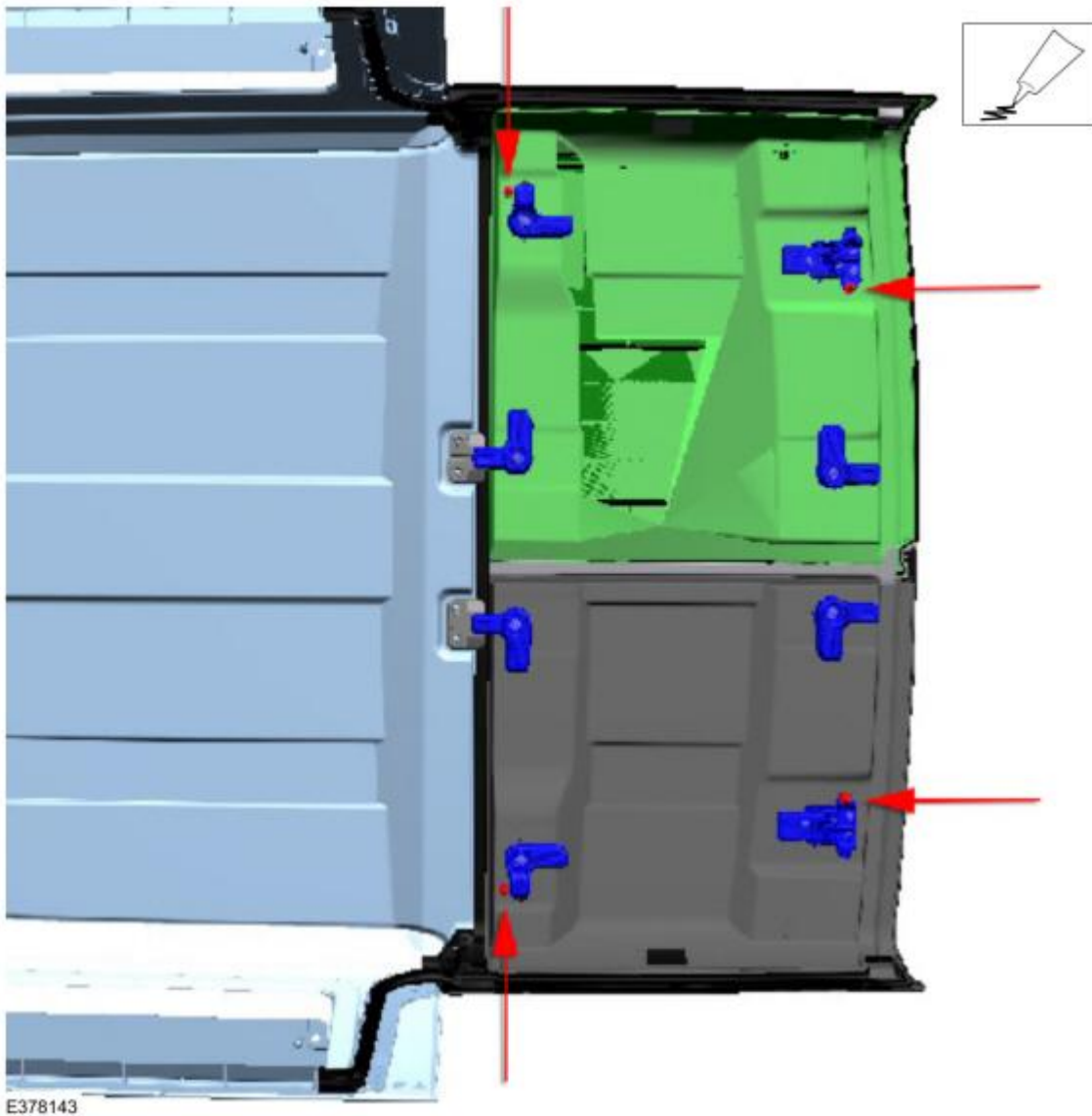


Figure 3



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

(1). Yes - repair is complete. Improved latch and locator pins are currently under development by engineering. A future publication will be released when they become available. Monitor OASIS for updates and schedule a follow up with the customer to install the improved latch and locator pin assemblies when they become available.

(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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NOTE: The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford or Lincoln dealership to determine whether the Bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.