



# TECHNICAL SERVICE BULLETIN

## 5 Door - Hard Top Roof - Squeak And/Or Chirp From Rear Of Vehicle

22-2097

16 March  
2022

### Model:

<b>Ford</b>	5 door
2021-2022 Bronco	Hard top roof

**Issue:** Some 2021-2022 Bronco vehicles equipped with 5 doors and a hard top roof may experience a squeak and/or chirp noise from the rear of the vehicle while driving over bumps with the roof installed. This may be due to an insufficient gap between the hard top and the body rear quarter panel. To correct the condition, follow the Service Procedure to adjust this gap to the correct specifications.

**Action:** Follow the Service Procedure steps to correct the condition on vehicles that meet all of the following criteria:

- 2021-2022 Bronco
- 5 doors
- Hard top roof
- Squeak and/or chirp noise from rear while driving over bumps with the roof installed

**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: Measure And Adjust Following The Service Procedure For Fastener 1, One Side (Do Not Use With Any Other Labor Operations)	222097A	0.3 Hrs.
2021-2022 Bronco: Measure And Adjust Following The Service Procedure For Both Fasteners, One Side (Do Not Use With Any Other Labor Operations Outside Of This Article) (Can Be Claimed With Operation C)	222097B	0.3 Hrs.
Extra Time To Start Both Adjustments Over, One Side (Can Be Claimed With Operation B)	222097C	0.1 Hrs.
2021-2022 Bronco: Measure And Adjust Following The Service Procedure For Fastener 1, Both Sides (Do Not Use With Any Other Labor Operations)	222097D	0.4 Hrs.
2021-2022 Bronco: Measure And Adjust Following The Service Procedure For Both Fasteners, Both Sides (Do Not Use With Any Other Labor Operations Outside Of This Article) (Can Be Claimed With Operation F)	222097E	0.5 Hrs.
Extra Time To Start Both Adjustments Over, Both Sides (Can Be Claimed With Operation E)	222097F	0.2 Hrs.

### Repair/Claim Coding

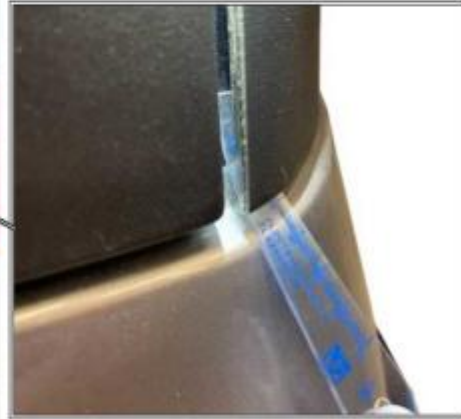
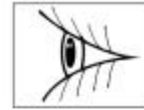
Causal Part:	78502G33
Condition Code:	07

### Service Procedure

**NOTE:** The right rear quarter panel repair procedure is shown; the left rear quarter panel repair procedure is the same.

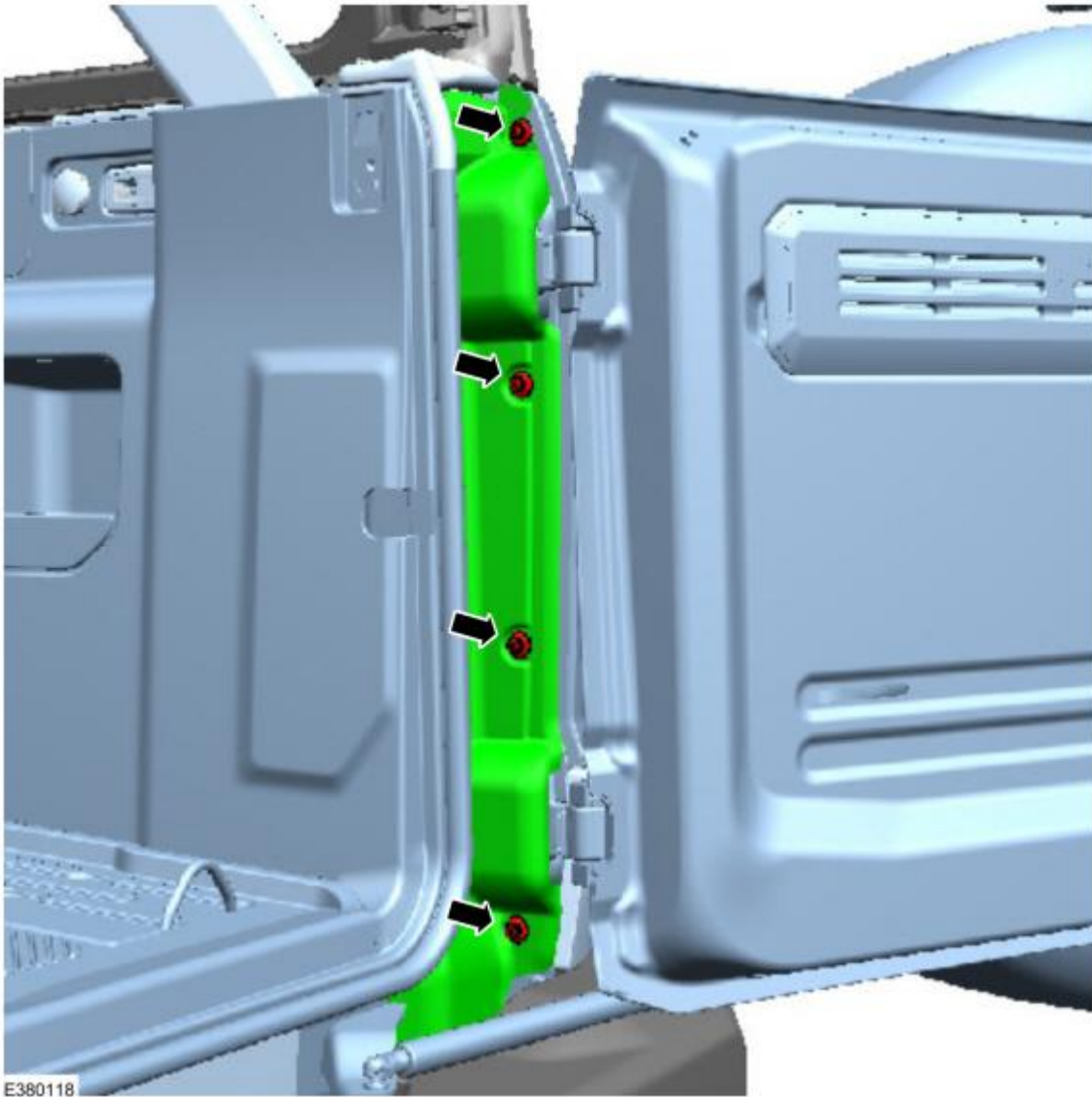
1. Insert a 3/64 in. (1 mm) plastic feeler gauge in the gap between the bottom/rear corner of the hard top and the rear quarter panel until the gauge is 2 in. (50 mm) deep. (Figure 1)

Figure 1



2. Is resistance felt when trying to insert the feeler gauge?
  - (1). Yes - proceed to Step 3.
  - (2). No - this article does not apply.
3. Open the rear door to the fully open position.
4. Position the liftglass assembly in the fully raised position.
5. Remove the 4 pushpins securing the tailgate hinge cover. (Figure 2)

Figure 2



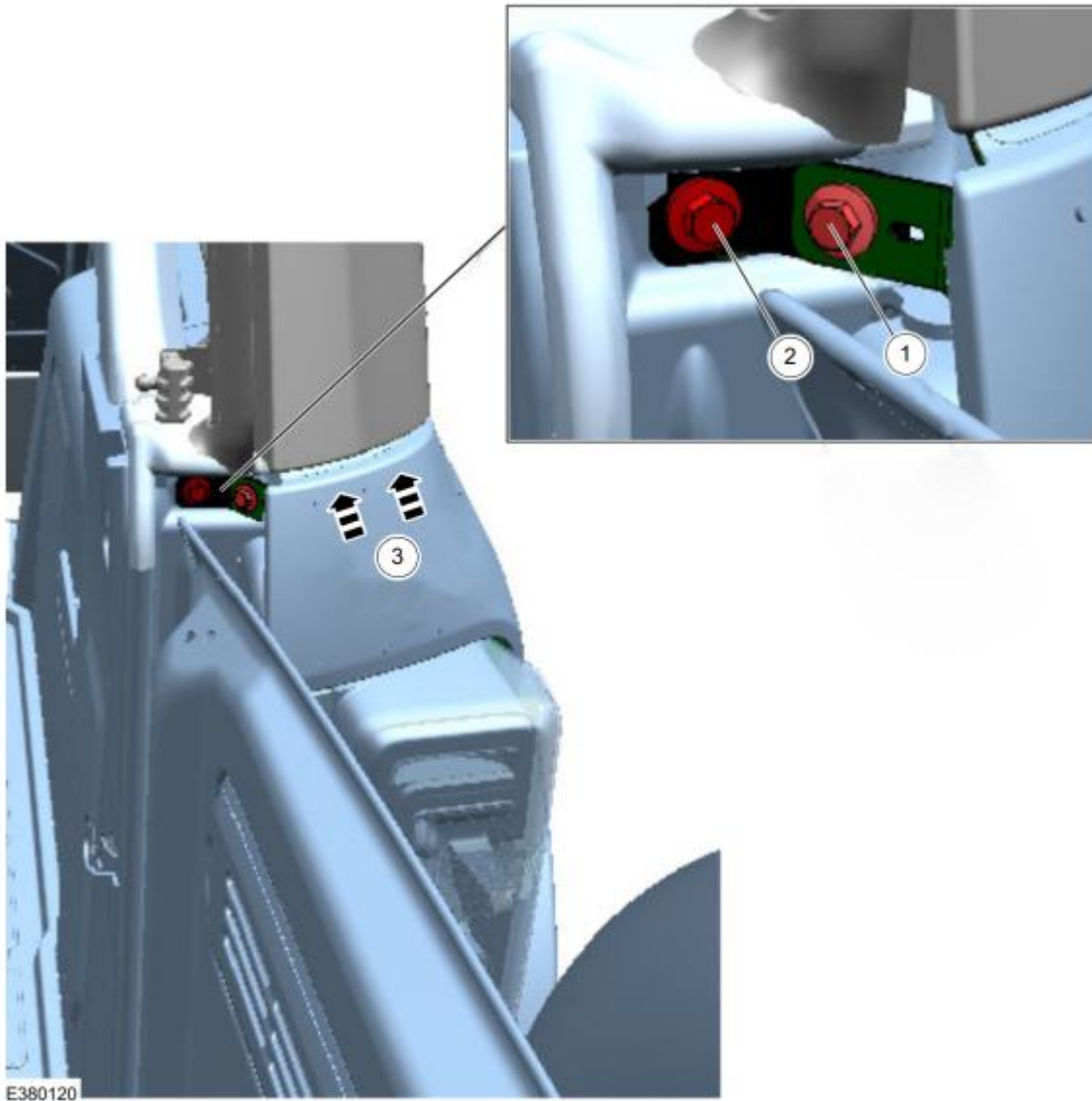
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6. Remove the 2 screws securing the tailgate hinge cover. Tighten to 20 lb-in (2.2 Nm). (Figure 3)  
Figure 3



7. Carefully remove the tailgate hinge cover from the vehicle and set it aside.
8. Apply firm forward pressure on the rear quarter panel, just above the rear lamp assembly. (Figure 4, Callout 3)
  - (1). It may be necessary to reposition the rear door to allow for both firm pressure on the rear quarter panel and achieve access to the fasteners at the same time.

Figure 4



- 9.** While applying pressure on the rear quarter panel, loosen fastener 1 (Figure 4, Callout 1) allowing the rear quarter panel to shift slightly forward. Retighten the fastener before releasing the forward pressure.
- 10.** Use a plastic feeler gauge to measure the gap between the bottom/rear corner of the hard top and the rear quarter panel. (Figure 1)
- 11.** Does the gap measure between 3/32 - 7/32 in (2.5 - 5.5 mm)?
- (1). Yes - tighten fastener 1 (Figure 4 Callout 1) to 80 lb-in (9.0 Nm) then reinstall the tailgate hinge cover by reversing Steps 5-7. Repair is complete.
  - (2). No - proceed to Step 12.
- 12.** Apply and hold firm forward pressure on the rear quarter panel, just above the rear lamp assembly. (Figure 4, Callout 3)
- 13.** While applying pressure on the rear quarter panel, loosen fastener 2 (Figure 4, Callout 2) allowing the rear quarter panel to shift slightly forward. Retighten fastener 2 before releasing the forward pressure.
- 14.** Use a plastic feeler gauge to measure the gap between the bottom/rear corner of the hard top and the rear quarter panel. (Figure 1)
- 15.** Does the gap measure between 3/32 - 7/32 in (2.5 - 5.5 mm)?
- (1). Yes - tighten fasteners 1 and 2 (Figure 4, Callouts 1 and 2) to 80 lb. in (9.0 Nm) then reinstall the tailgate hinge cover by reversing Steps 5-7. Repair is complete.
  - (2). No - perform Steps 8-15 until the gap meets the specifications.

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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.