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Case Number: S2023000020 Rev A

Release Date: April 2021

Symptom/Vehicle Issue: Tick Noise From A-pillar Front Power Top Side Rail

Customer Complaint/Technician Observation:

A complaint of a tick or click noise heard from the Sky One power roof system above the front row seat occupant's heads. If the vehicle was built prior to 3/17/21, see the below procedure to add anti-squeak tape.

Parts Required: MOPAR Anti-Squeak tape 05019054AA

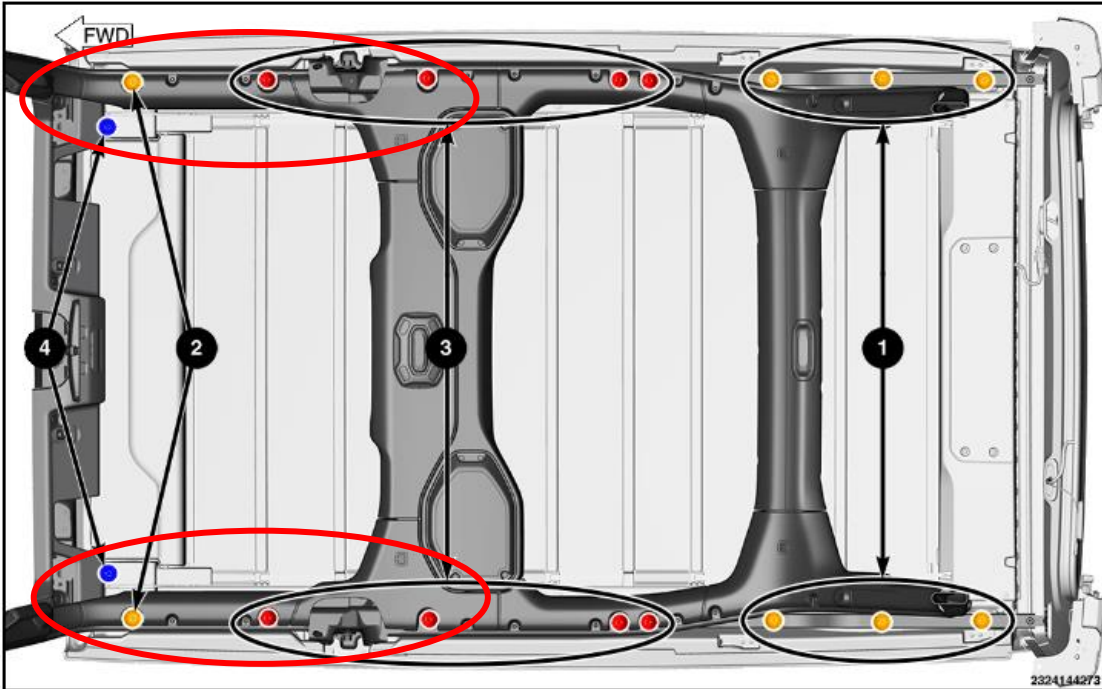
1. Power the roof full open.
2. Remove the front four bolts on each side of the assembly (to loosen front of rail to body to gain access to Torx head fasteners between side rail and track)
 - a) Remove the front "blue" screws (#4 below) that secure the front of the power top assembly.
 - b) Remove the front "gold" screws (#2 below) at the front door openings.
 - c) Remove front two "red" screws in oval (#3 below)

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1 – Rear Screws 70 mm (2.75 in) Screw Length

2 – Front Door Opening Screws 70 mm (2.75 in) Screw Length

3 – Middle Screws 103 mm (4 in) Screw Length

4 – Front Header Screws 20 mm (0.75 in) Screw Length

NOTE: The screws that anchor the power top assembly to the frame of the vehicle are different lengths. Damage can occur if a long screw is placed in a short hole. Refer to the illustration for proper screw locations.

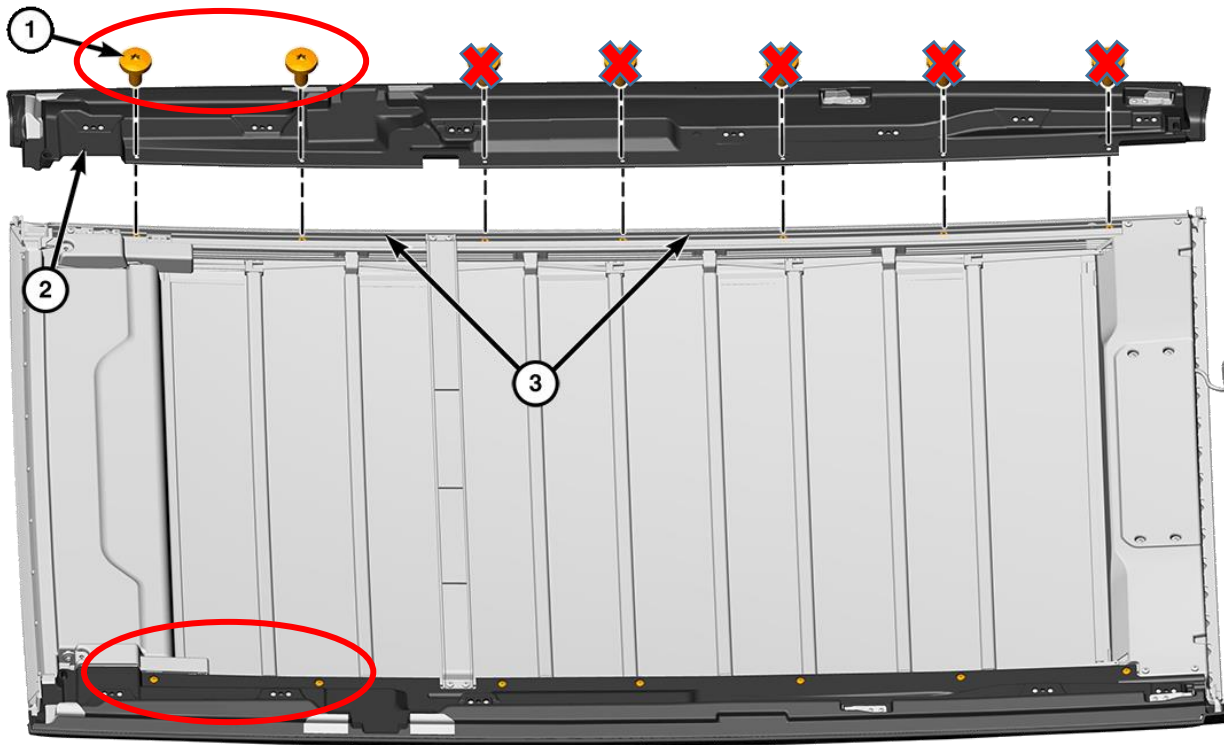
3. Remove the front 2 Torx screws (1) between the track (3) and the SMC (composite sheet molded compound) side rail (2), repeat on the other side.

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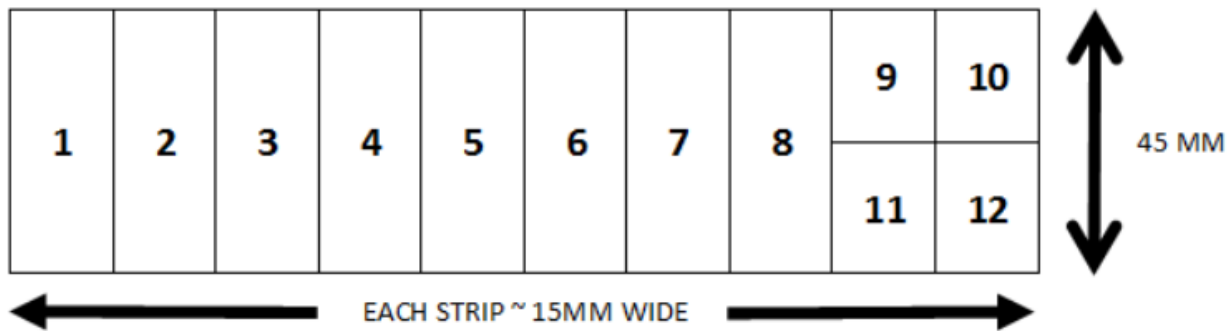


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4. Obtain anti-squeak tape, service number 05019054AA, and cut out 9 through 12.



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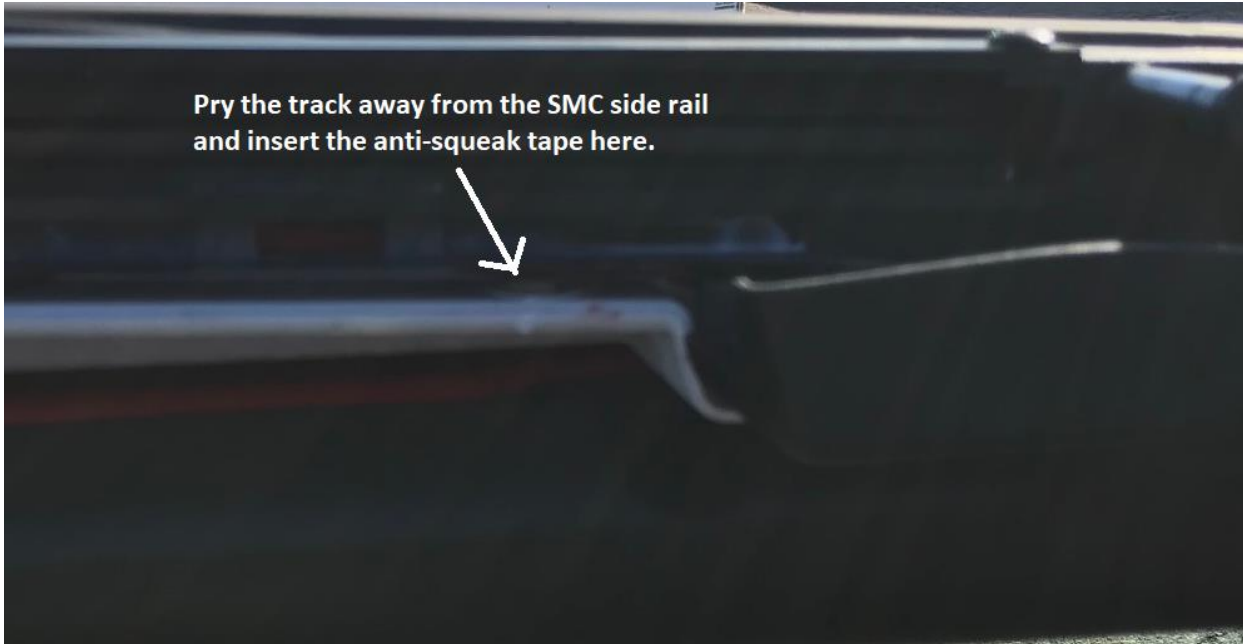
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5. Pry the black aluminum track up and position one piece of tape at the front and at the back of the of the T-nut hole, as shown in the photos below. Tip: apply tape to a blade and carefully slide into opening.



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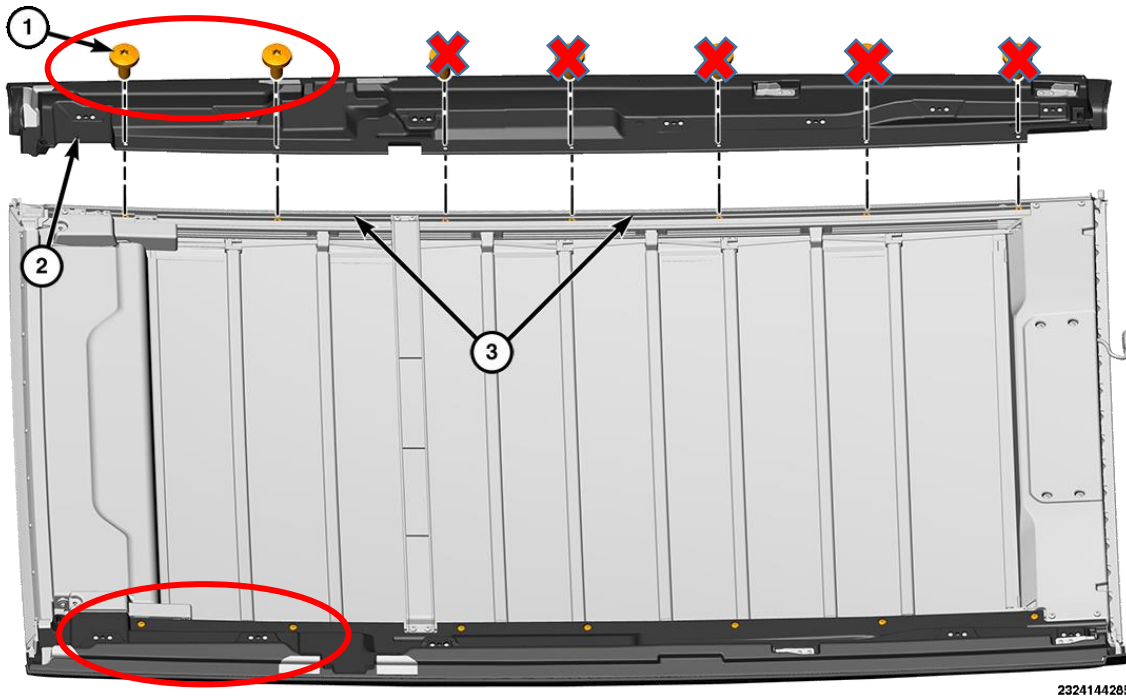
6. Reinstall the 2 T-nut screws per side, torque to 14 Nm.

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7. Attach the front four bolts on each side of the assembly, torque all to 6 Nm.
 - a. Attach the front screw (#2 below) in the front door openings.
 - b. Attach the rear screw in the front door opening and the front screw in the rear door opening, two screws (#3 below).
 - c. Attach the screws (#4 below) that secure the front of the power top assembly.

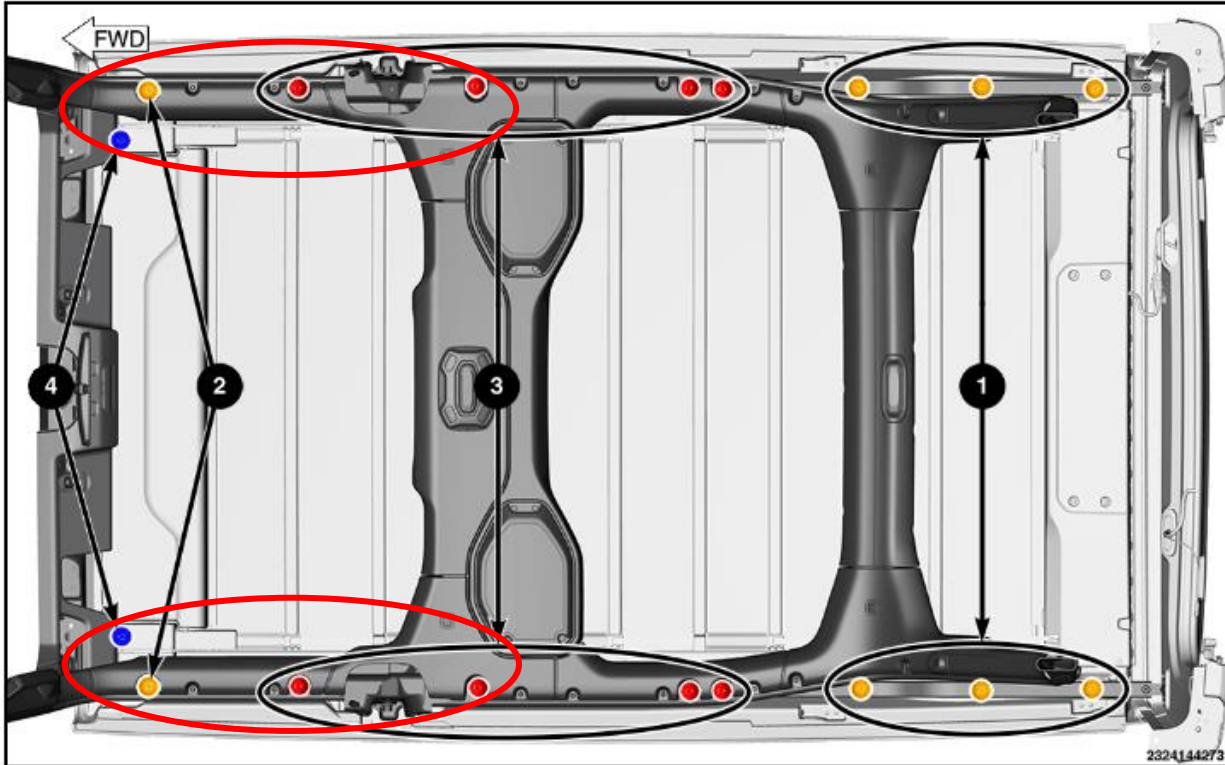
Reinstall the front 4 screws

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8. Cycle the roof closed.
9. Road test to verify repair.

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