

## Roof Opening Panel Shield

### Removal

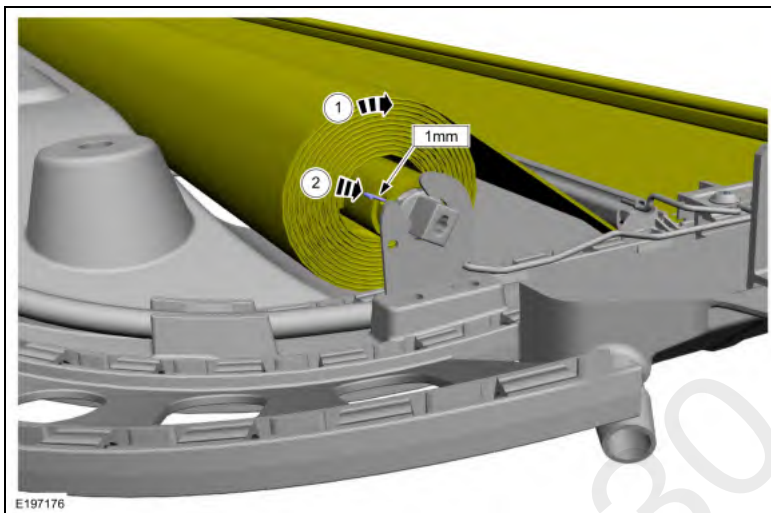
**NOTE:** Removal steps in this procedure may contain installation details.

1. Remove the roof opening panel fixed glass.  
Refer to: Roof Opening Panel Fixed Glass (501-17 Roof Opening Panel - Vehicles With: Vista Roof Opening Panel, Removal and Installation).
2. **NOTICE:** Make sure the tension release pin is removed after the roof opening panel shield is installed or damage to the roof opening panel components may occur.

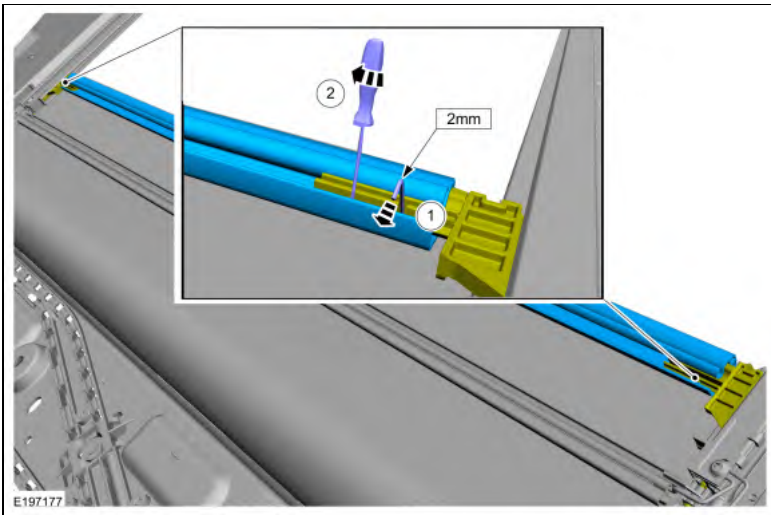
Release the tension on the roof opening panel shield.

1. Rotate the shield clockwise until the holes align.
2. **NOTE:** A 1mm (0.039 in) hex wrench can be used as a retaining pin.

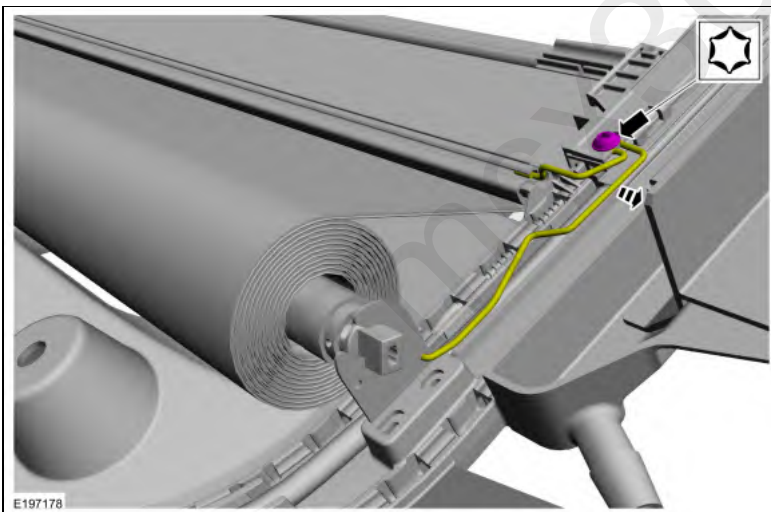
Insert a 1mm (0.039 in) retaining pin, or equivalent, all the way through the shaft.



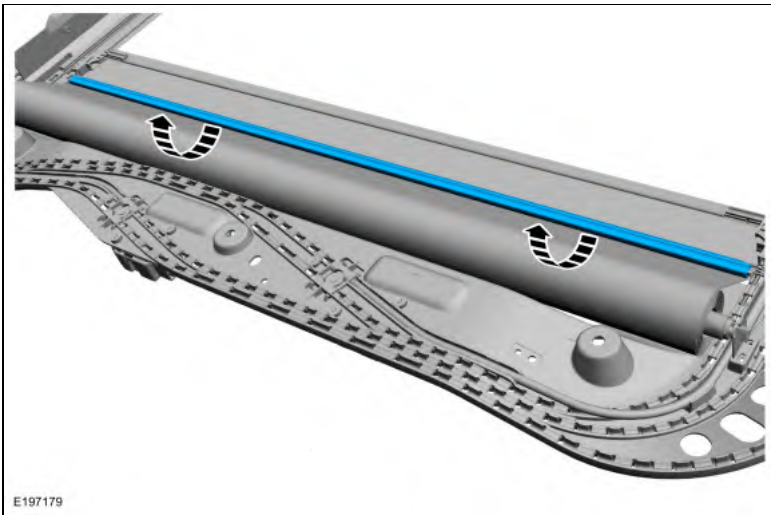
3. Detach the shield cross bar from the shield drive cable arms on both sides.
  1. Insert a 2mm (0.039 in) hex wrench into the gap on the cable arm and apply pressure against the roof opening shield crossbar.
  2. Insert a flat bladed screwdriver between the shield drive cable and the roof opening shield crossbar. Using a twisting motion, detach the roof opening shield crossbar.



4. Remove the bolt and detach the anti-static spring from the roof opening panel shield crossbar.  
*Torque: 9 lb.in (1 Nm)*

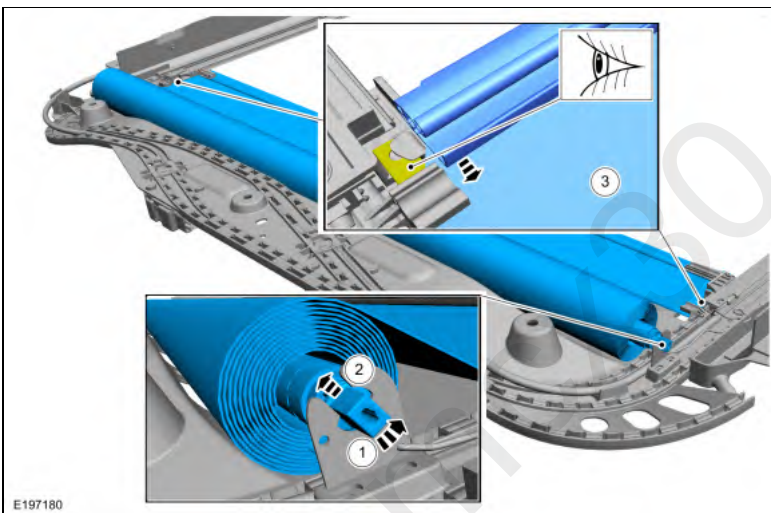


5. Roll the roof opening panel tension bar upward to detach the bar from the frame and remove the roof opening panel tension bar.



6. Remove the roof opening panel shield.
  1. Rotate the roof opening panel shield until the end of the shaft is aligned with the bracket opening.
  2. Lift the roof opening panel shield off of the brackets.
  3. **NOTE:** Observe the seamed outer edges and plastic guide clips in the side frame rails during the removal of the shield. Make sure they are routed correctly during installation.

Route the shield out of the side frame rails and remove the roof opening panel shield.



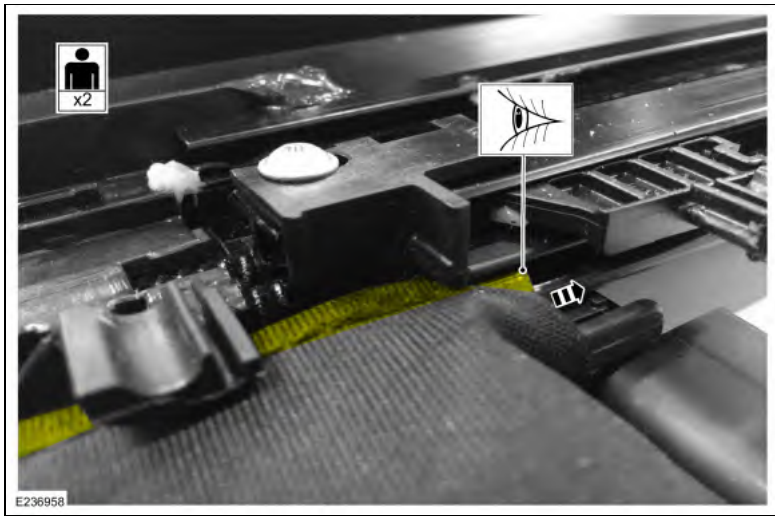
## Installation

1. **NOTICE:** Make sure the tension release pin is removed after the roof opening panel shield is installed or damage to the roof opening panel components may occur.

To install, reverse the removal procedure.

2. **NOTICE:** Make sure the roof opening panel shield plastic guide strip is routed into the side frame rails correctly before the cross bar is connected to the cable mechanisms or damage to the roof opening panel components may occur during power operation of the shield.

When installing the shield, use an assistant to insert the plastic guide strips and seamed edges into the side frame rails evenly on both sides.



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