



Replace Model X Rear Door Latches and Actuators

Classification Repair Bulletin **Section/Group** 11 - Closures **Country/Region** All

Year 2016-2017 **Model** Model X **Version** All

Bulletin Classification: *This repair bulletin provides instructions and guidelines for a noted condition or a customer concern. The information provided can address a broad range of known or perceived issues with the operation of Tesla vehicles. This bulletin might not be VIN-specific. These instructions assume knowledge of motor vehicle and high voltage electrical component repairs, and should only be executed by trained professionals. Tesla assumes no liability for injury or property damage due to a failure to properly follow these instructions or repairs attempted by unqualified individuals.*

This Service Document supersedes SB-17-11-004, dated 8-Nov-17. Each content change is marked by a vertical line in the left margin. Discard the previous version and replace it with this one.

Condition

Water may enter the door latches or cinching actuators of the rear (Falcon Wing) doors. If the vehicle is then parked outdoors in freezing conditions, the water can freeze, potentially interfering with the closing functionality of the rear doors until the water unfreezes.

Correction

If a customer complains that the rear doors do not close properly freezing temperatures, replace the latches and cinching actuators on the LH and RH rear doors. Install shrouds on the LH and RH rear door cinching actuators to prevent future water ingress.

NOTE: This document is a subtask of SB-18-11-004, "Water Ingress into Rear Doors in Wet Climates". Once completed, refer to SB-18-11-004 to determine if any other procedures should be performed before releasing the vehicle.

Correction Description	Correction	Time
Vehicle Inspection Only; Rear Door Cinching Actuators and Shrouds Not Required	S011711004	0.50
Replace LH and RH Rear Door Latches and Cinching Actuators, Install LH and RH Shrouds	S021711004	1.90

Required Part(s):	Part Number	Description	Quantity
	1120136-00-A	MX RR DOOR CINCH ACTUATOR SHROUD	2
	1008307-00-A	SCR,M3.0-1.12X10,DELTA PT,TRX,ZNNI 1000	4
	1034485-00-A	ACTUATOR, CINCHING	2
	1033838-00-F	LATCH, RR LH, MDLX	1
	1034481-00-F	LATCH, RR RH, MDLX	1
	1057210-00-A	BOLT,M8x16,FL,TRX,STL[8.8],ZNNI[BLK],ADH	4

These part numbers were current at the time of publication. Use the revisions listed or later, unless otherwise specified in the Parts Manual.

Replacing the Latches and Cinching Actuators

NOTE: Perform this procedure on the LH and RH rear doors.

1. In Warp Service, select [VIN/Bulletin Tracker](#). Check if document number SB-17-11-001 has been applied to the vehicle.
 - If SB-17-11-001 has been applied to the vehicle, no additional work is required.
 - If SB-17-11-001 has not been applied to the vehicle, continue to the next step.

1. Fully raise the rear windows.
2. Open the rear door to a comfortable working position.
3. Remove and discard the rear door latch (refer to Service Manual procedure 11353502).
4. Remove and discard the cinching actuator (refer to Service Manual procedure 11353702).
5. Put the new latch and cinching actuator into position.

TIP: To aid installation, use tape to hold the shim(s) to the lower rearward corner of the RH cinching actuator.

6. Slide the shroud over the cinching actuator.

TIP: Push the actuator outboard slightly to allow the shroud to slide over the actuator.

7. Install 2 self-tapping screws to secure the shroud to the actuator.
8. Reinstall the fasteners to secure the latch and cinching actuator.

 **CAUTION:** Replace all patchbolts.

9. Reinstall the parts that were removed for access.

Affected VIN(s) All Model X built before March 17, 2017

NOTE: This is a simplified summary of the affected VIN list. Refer to the VIN/Bulletin Tracker or Customer/Vehicle profile to determine applicability of this bulletin for a particular vehicle.

For feedback on the accuracy of this document, email ServiceBulletinFeedback@tesla.com.