

		Tesla, Inc. Service Bulletin		<i>Replace And Rework Body Side Liftgate Ball Studs</i>
SB-25-11-002 April 10, 2025				
Classification		Section/Group	Mobile Service	
Repair Bulletin		11 - Closures	Cannot Perform	All
Model	Model Year	Country/Region	Build Location	
Model Y	2024	Asia Pacific, Europe, Middle East	Giga Berlin, Giga Shanghai	
The model(s) and model year(s) listed are a general approximation 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.				

Repair Bulletin: This repair bulletin provides instructions on addressing a possible customer concern regarding the operation of Tesla vehicles. These instructions should only be performed by trained professionals.

Condition

On certain Model Y vehicles, one of the body side liftgate ball studs may have been torqued beyond specifications, causing the ball stud to break.

Correction

Remove the broken ball stud and replace both body side liftgate ball studs.

Correction Description	Correction	Time
Rework Body Side Liftgate Ball Stud, Replace Other Stud	S012511002	0.54

	Part Number	Description	Quantity
Part Required	1501254-00-B	BALL STUD&WSHR,M8x25,[109],ZNNI[B],MAT	2
	This part number was current at the time of publication. Use the revision listed or later, unless otherwise specified in the Parts Catalog .		
Special Tools	1126462-00-A	JTC SCREW EXTRACTOR SET	
	1126459-00-A	CENTER PUNCH, SPRING LOADED	
	1115198-00-B	HAMMER, BALL PEEN, 16OZ	
Shop Supplies	Isopropyl Alcohol (IPA) Wipes		
	Masking Tape		
	Shop Towels		

Procedure

⚠ CAUTION: Wear proper personal protective equipment (PPE) such as breathing protection and safety glasses during this procedure.

1. Support the liftgate and remove the body side ball stud that is not broken (refer to Service Manual procedure [11335052](#)).
2. On the side of the broken liftgate ball stud, lift the upper corner of the liftgate seal upwards, and then move the seal to the side (Figure 1).



Figure 1 – Strut might not be connected to the body as shown

3. Install a shop towel on the body under the broken liftgate ball stud (Figure 2).



Figure 2

4. Use a small pick to release the clip on the liftgate strut, and then remove the broken ball stud from the liftgate strut (Figure 3).

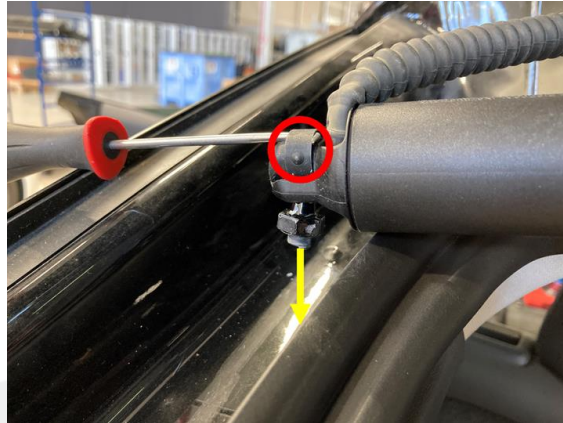


Figure 3

5. Use masking tape to mark a 12 mm section on the 3.5 mm drill bit (Figure 4).



Figure 4

6. Use a center punch to punch a pilot hole in the broken ball stud that is left in the body of the vehicle (Figure 5).



Figure 5

7. Use the 3.5 mm drill bit to drill a 12 mm deep hole in the broken ball stud (Figure 6).



Figure 6

8. Use a ball peen hammer to insert the bolt extractor into the broken liftgate ball stud, and then turn the extractor tool counterclockwise to remove the broken bolt (Figure 7).



Figure 7

9. Hold the broken bolt with a pair of adjustable pliers, and then turn the bolt extractor clockwise to remove the bolt from the extractor.
10. Carefully remove the shop towel, and then reinstall the upper corner of the liftgate seal.
-  **CAUTION:** Do not drop any debris from the shop towel onto or into the vehicle.
11. Use a vacuum cleaner to remove any remaining debris produced by drilling in the broken ball stud.
12. Install a new pair of body side liftgate ball studs (refer to Service Manual procedure [11335052](#)).