

 Tesla, Inc. Service Bulletin		Update Front Passenger Airbag to Maintain Compatibility While Servicing Front Passenger Seat	
SB-23-20-001 March 22, 2024		R3	
Classification		Section/Group	Mobile Service
Repair Bulletin		20 - Safety and Restraint	Cannot Perform
Configuration			
All			
Model Year	Model	Country/Region	Build Location
2017 - 2020	Model 3, Model Y	North America	Fremont
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.

This Service Document supersedes SB-23-20-001 R2, dated 8-Aug-23. This new revision, R3, updates the parts list and special tools list, and adds steps to use Toolbox 3 to check the passenger airbag type configuration. Each content change is marked by a vertical line in the left margin. Discard the previous version and replace it with this one.

Condition

When certain Model 3 and Model Y vehicles receive a different Occupant Classification System (OCS) in their front passenger seats during vehicle servicing, they may require safety vent type front passenger airbags to maintain compatibility between the front passenger seat and the front passenger airbag.

NOTE: The performance of currently-installed front passenger airbag and front passenger seat are not affected. This procedure is required to ensure continued performance of the front passenger airbag only when the front passenger seat’s OCS is being replaced as part of servicing to replace the front passenger seat or its subcomponents.

Front Passenger Airbag Type	Sandwich OCS	Seat Belt Reminder (SBR) OCS
Full Suppression	Compatible	Not Compatible
Safety Vent	Compatible	Compatible

Correction

Replace the front passenger airbag with revised part number 1077823-00-G or later.

Correction Description	Correction	Time	
		Model 3	Model Y
Replace Front Passenger Airbag And Update Vehicle Configuration	S012320001	2.04	1.80

	Part Number	Description	Quantity
Parts Required	1028053-00-A	AIRBAG HARNESS RETAINING CLIP	1
	1116594-00-B	BOLT,EHS,M6x19,[88],ZN,SMAT,ADH	8
	1112138-00-C	BOLT,EHS,M6x33,[98],G0109,MAT,ADH	4
	1036655-00-A	BOLT RC M16x1.5x26 PC88 PTP	1
	1077823-00-G	M3/MY - PASSENGER A/B, NAR	1
	Model 3 Only		
	1105061-00-E	BOLT,HF,M6X7,STL[88],ZN,SHLDR[8X18]	2
	Model Y Only		
	1112138-00-C	BOLT,EHS,M6x33,[98],G0109,MAT,ADH	2
If Necessary	1117701-00-A	TRIM CLIP,8.5MM,0.7-1.6,RING,SEAL,POM	4
	1090280-00-A	U-CLIP,11.7x6.8,STL,ZN	24
	1100582-00-A	U-CLIP,15x4.5, STL, ZN	15
	Model 3 Only		
	1098408-00-B	CLIP, 90666-SDA-A010-M1	8
	Model Y Only		
	1496105-00-B	EDGE CLIP,6MM,1.5-2.5GRP,POM,WH	16
These part numbers were current at the time of publication. Use the revisions listed or later, unless otherwise specified in the Parts Catalog .			
Special Tools	1071339-00-A	ADAPTER, BIT HOLDER, 1/4"	
	1137658-00-C	ETHERNET CABLE, DIAGNOSTICS, MODEL 3	
	1133787-00-A	KEY, SEAT BELT RELEASE, MODEL 3	
	1132841-00-A	M3 1R HEADREST REMOVAL TOOL	
	1115218-00-A	NUTSETTER, 1/4" DR, MAGNETIC, DEEP, 10MM	
	1080559-20-A	TOOL, TORQUE SCREWDRIVER, 0.8-2.0NM	
	1143985-00-A	VALVE CORE REMOVAL TOOL	
	1450424-00-A	VIM TOOLS VHC77	
If Necessary	Model 3 Only		
	1108272-00-B	CAP, LOGIC CONN, INV, 3DU	

Procedure

⚠ WARNING: Supplementary Restraint System (SRS) components can be hazardous if not handled properly (refer to Airbag and Supplementary Restraint System (SRS) Precautions; [Model 3](#), [Model Y](#)).

1. Use Toolbox 3 to check the passenger airbag type configuration:

NOTE: An alternative method is to check the front passenger airbag part number and confirm if a configuration update is needed per the [Parts Catalog](#).

- a. Connect a laptop with Toolbox 3 to the vehicle (refer to Service Manual procedure; [Model 3](#), [Model Y](#)).
- b. Click the **Dashboards** tab, search for “infotainment”, click **Infotainment Dashboard > Vehicle Configuration**, and then click **Read Config** (Figure 1).

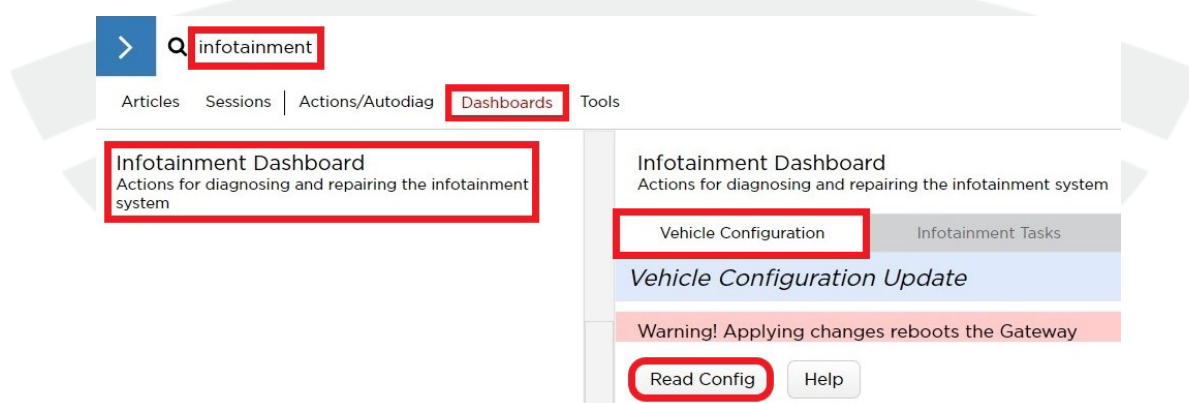


Figure 1

- c. Click **Run** and allow the routine to complete. Click **X** at the top right of the window to exit once the routine is complete (Figure 2).

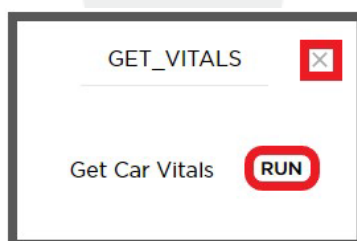


Figure 2

- d. Scroll down to “passengerAirbagType” and confirm the configuration is “FULL_SUPPRESSION” (Figure 3).

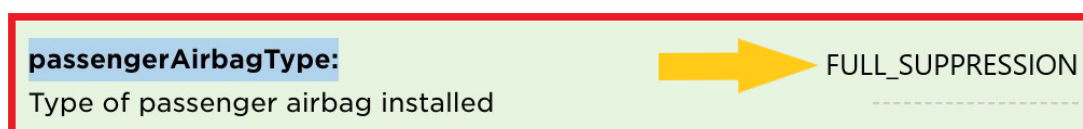


Figure 3

- e. Disconnect the laptop from the vehicle (refer to Service Manual procedure; [Model 3](#), [Model Y](#)).
2. On the vehicle touchscreen, touch **Controls** (vehicle icon) > **Software**, and then scroll down to display the vehicle firmware version.
 - If the vehicle is operating with a firmware version 2023.2.11 or later, continue this procedure.
 - If the vehicle is operating with a firmware version earlier than 2023.2.11, update to version 2023.2.11 or later (refer to Service Manual procedure 00020003; [Model 3](#), [Model Y](#)), and then continue this procedure.

3. Replace the front passenger airbag with a new safety vent type airbag (part number 1077823-00-G or later) (refer to Service Manual procedure 20010302; [Model 3](#), [Model Y](#)).
4. Connect a laptop with Toolbox 3 to the vehicle (refer to Service Manual procedure; [Model 3](#), [Model Y](#)).
5. Click the **Actions** tab, search for "PROC_PAB_X-RETROFIT", and then click **Passenger Airbag Type Retrofit** (Figure 4).

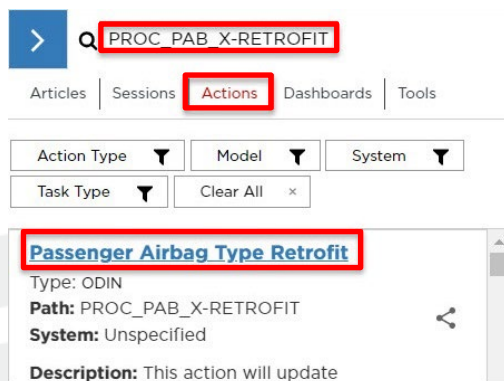


Figure 4

6. Click **Run** and allow the routine to complete. Click **X** at the top right of the window to exit once the routine is complete (Figure 5).

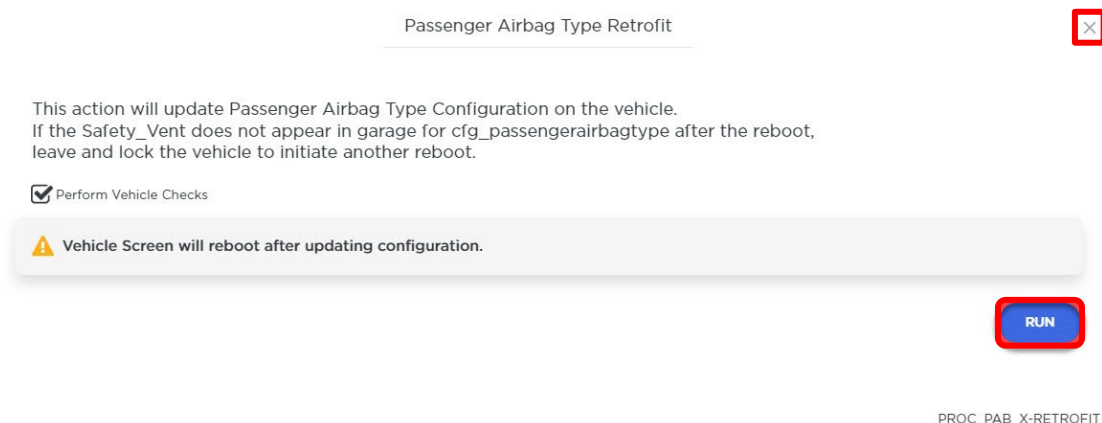


Figure 5

7. Disconnect the laptop from the vehicle (refer to Service Manual procedure; [Model 3](#), [Model Y](#)).