

 Tesla, Inc. Service Bulletin		Update Front Passenger Airbag to Maintain Compatibility While Servicing Front Passenger Seat	
SB-23-20-001 August 8, 2023		R2	
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 R1, dated 31-Mar-23. This new revision, R2, updates the parts list and the FRT times. 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
	1043439-00-A	BUTYL FOIL PATCH 150x120x2mm	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"	
	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. Log in to Garage, type the VIN into the search field, select the VIN provided, and then click **Vitals > CFG** and confirm the “Passenger Airbag Type (91):” configuration is “FULL_SUPPRESSION”.

ℹ TIP: Alternative method: Check the front passenger airbag part number and confirm if a configuration update is needed per EPC <https://epc.tesla.com/>.

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. Locally connect to the vehicle using Toolbox 3.0.
5. Click the **Actions** tab, search for “PROC_PAB_X-RETROFIT”, and then select **Passenger Airbag Type Retrofit** (Figure 1).

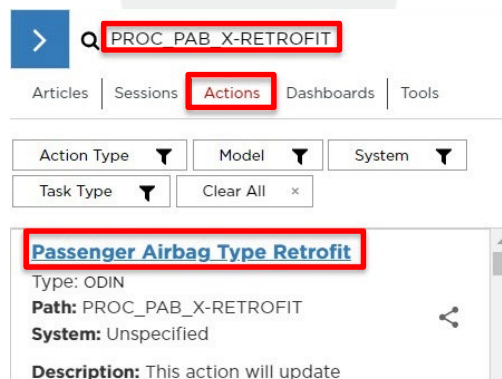


Figure 1

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

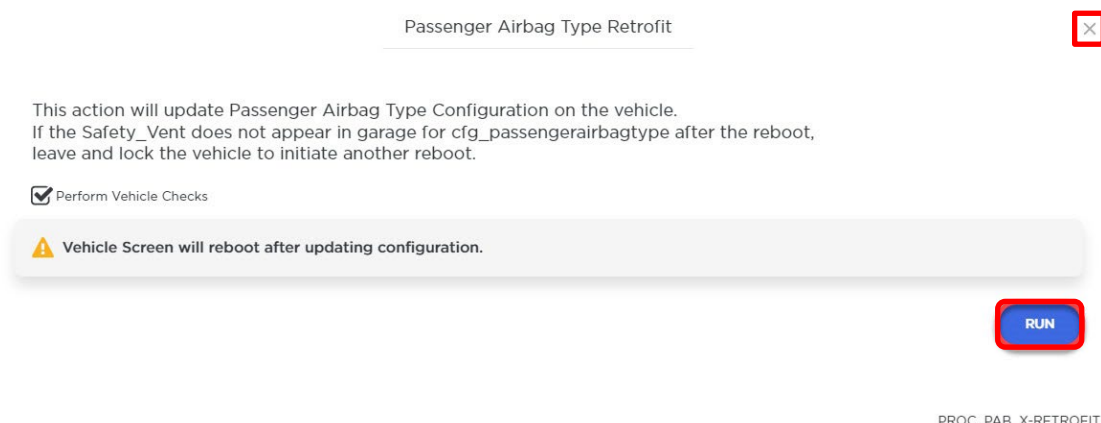


Figure 2

7. Disconnect the laptop from the vehicle.