

		Tesla, Inc. Service Bulletin		<i>Inspect Upper Steering Column Bolt</i>
SB-20-32-007 April 29, 2020				
Classification		Section/Group		
Campaign Bulletin		32 - Steering		Mobile Service
				Can Perform (where permitted)
Model Year	Model	Country/Region		Version
2020	Model 3, Model Y	All		All
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.				

Campaign Bulletin: This campaign bulletin addresses a known non-safety-related condition and provides recommended technical diagnosis and repair procedures. Apply this procedure to all vehicles in the affected VIN list.

Condition

On some Model 3 and Model Y vehicles, the upper steering column bolt may not be installed according to internal specifications, which could cause excessive play between the steering wheel and steering column.

Correction

Inspect the vehicle for symptoms related to the condition. If symptoms are present, install a new upper steering column bolt and if damaged, replace the driver airbag, airbag harness, and/or steering column control module (SCCM).

Correction Description	Correction	Time
SB-20-32-007 Not Applicable	S012032007	0.00
Check Steering Wheel For Looseness; Upper Steering Column Bolt Properly Installed	S022032007	0.05
Check Steering Wheel For Looseness; Install New Upper Steering Column Bolt	S032032007	0.15
Check Steering Wheel For Looseness; Install New Upper Steering Column Bolt And Driver Airbag Harness	S042032007	0.20
Check Steering Wheel For Looseness; Install New Upper Steering Column Bolt And Driver Airbag	S052032007	0.20
Check Steering Wheel For Looseness; Install New Upper Steering Column Bolt, Driver Airbag, And Driver Airbag Harness	S062032007	0.20
Check Steering Wheel For Looseness; Install New Upper Steering Column Bolt And SCCM	S072032007	0.35
Check Steering Wheel For Looseness; Install New Upper Steering Column Bolt, Driver Airbag, And SCCM	S082032007	0.35
Check Steering Wheel For Looseness; Install New Upper Steering Column Bolt, Driver Airbag Harness, and SCCM	S092032007	0.35
Check Steering Wheel For Looseness; Install New Upper Steering Column Bolt, Driver Airbag, Driver Airbag Harness, and SCCM	S102032007	0.35

	Part Number	Description	Quantity
If Necessary	1036655-00-A	BOLT RC M16x1.5x26 PC88 PTP	1
	1097662-00-N	M3 STEER COLMN CNTRL MODULE KOSTAL	1
	1028053-00-A	Kostal 10400691752	1
	1508347-00-C	M3Y - DRIVER AIRBAG ASSEMBLY	1
	1112060-00-B	DAB HARNESS ASSY	1

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

	For Model 3
1108272-00-B	CAP, LOGIC CONN, INV, 3DU

Procedure

1. Center the steering wheel so that the front wheels are straightened.
2. While sitting in the vehicle, **gently** wiggle and pull on the steering wheel.

⚠ CAUTION: Do not pull forcefully; the airbag harness is short and might get damaged if the steering wheel moves too far from the SCCM.

- If the steering wheel feels normal (secure and properly fastened), no work is required; discontinue this procedure.
 - If the steering wheel slides forward and backward freely on the steering column splines, proceed to the next step.
3. Remove the driver air bag (Refer to Service Manual procedure 20010102).
 4. Inspect the driver airbag, driver airbag harness, and the face of the SCCM for damage, paying close attention to the electrical connectors. Replace any damaged components.

📋 NOTE: Note any damage observed in a Toolbox session, and then escalate the session.

- Driver airbag (refer to Service Manual procedure 20010102)

📋 NOTE: Refer to step 5 for important information on reinstalling the steering wheel.

- Driver airbag harness (refer to Service Manual procedure 20013102)
- SCCM (refer to Service Manual procedure 32011002)

5. Install all components that were removed for access.

📋 NOTE: When installing the steering wheel, install a new bolt that attaches the steering wheel to the steering column (Figure 1) (torque 80 Nm).

📋 NOTE: After installing the SCCM, be sure to redeploy firmware.



Figure 1