

		Tesla, Inc. Service Bulletin		<i>Replace Suspension Components</i>
SB-25-31-005 June 9, 2026		R1		
Classification		Section/Group	Mobile Service	
Campaign Bulletin		31 - Suspension	Cannot Perform	All
Model	Model Year	Country/Region	Build Location	
Model Y	2025+	North America	Fremont, Giga Texas	
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 non-safety-related condition and provides recommended technical diagnosis and repair procedures. Apply this procedure to the applicable vehicles.

This Service Document supersedes SB-25-31-005 R0, dated May 8, 2026. This new revision, R1, removes Model Y Performance vehicles from steps instructing to replace the dampers, adds fasteners to the parts list, and updates the FRTs. Each content change is marked by a vertical line in the left margin. Discard the previous version and replace it with this one.

Condition

Some Model Y vehicles may emit rattling or knocking noises when driving over bumps or rough road. The condition can be improved by replacing the front upper control arm mounts, replacing the front damper assemblies (Model Y Premium AWD/RWD only), and removing the wiper bracket pencil braces.

Correction

Inspect the vehicle for symptoms related to the condition. If symptoms are present, replace the front upper control arm mounts with updated parts, replace the front damper assemblies with updated parts (Model Y Premium only), and remove the wiper bracket pencil braces.

Correction Description	Correction	Time
Replace FUCA Mounts - Pair; Replace Dampers - Pair; Remove Pencil Braces (Model Y Premium)	S012531005	1.56
SB-25-31-005 Not Applicable	S022531005	0.24
Test Drive with Pencil Brace Disconnected; No Replacements Needed	S032531005	0.36
Replace FUCA Mounts - Pair; Remove Pencil Braces (Model Y Standard and Performance)	S042531005	1.34

	Part Number	Description	Quantity
Parts Required	All Vehicles		
	2188391-10-A	FUCA MOUNT, SJI, LH	1
	2188396-10-A	FUCA MOUNT, SJI, RH	1
	1111543-00-A	NUT,HF,M12-1.75,[10],ZNNI,PTP	2
	1111145-00-A	NUT,HF,M10-1.5,[10],ZNNI,PTP	2
	Premium RWD, Fremont-built Vehicles:		
	2188363-00-D	DAMPER ASSY FR LH, COIL RWD-CA	1
	2188363-01-D	DAMPER ASSY FR RH, COIL RWD-CA	1
	Premium RWD, Giga Texas-built Vehicles:		
	2188360-00-D	DAMPER ASSY FR LH, COIL RWD-TX	1
	2188360-01-D	DAMPER ASSY FR RH, COIL RWD-TX	1
	Premium AWD, Fremont-built Vehicles:		
	2188367-00-D	DAMPER ASSY FR LH, COIL DM-CA	1
	2188367-01-D	DAMPER ASSY FR RH, COIL DM-CA	1
	1111145-00-A	NUT,HF,M10-1.5,[10],ZNNI,PTP	2
	Premium AWD, Giga Texas-built Vehicles:		
	2188368-10-D	DAMPER ASSY FR LH, COIL DM-TX	1
	2188368-01-D	DAMPER ASSY FR RH, COIL DM-TX	1
	1111145-00-A	NUT,HF,M10-1.5,[10],ZNNI,PTP	2
These part numbers were current at the time of publication. Use the revisions listed or later, unless otherwise specified in the Parts Catalog .			
Shop Supplies	Shop towels		

Procedure

1. Take the vehicle for a short drive and confirm that the front of the vehicle emits a rattling or knocking noise when driving over bumps or rough road under 20 mph (32 km/h).

⚠ WARNING: Only test the vehicle at this speed when it is safe to do so.

📖 NOTE: This noise can be heard from the inside of the vehicle with the windows up, but the windows may be rolled down for additional clarity. Refer to Toolbox article [9188600](#) for an example of the noise.

- If the rattling or knocking noise is present, continue to the next step.
 - If the rattling or knocking noise is not present or a different noise is heard, discontinue this procedure and use correction code S022531005.
2. Remove the bolts (x2, 13 mm) from the LH and RH wiper bracket pencil brace lower attachment points and swing the arms away from the bolted flanges, then wedge a shop towel between each of the braces and mounts to isolate the lower attachment points (Figure 1).

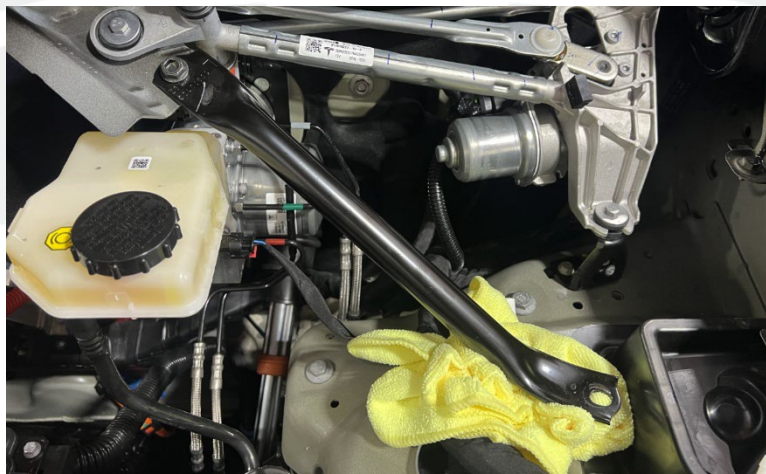


Figure 1

3. Drive the vehicle over the same bumps or rough road at the same speed as in step 1. Listen for the same rattling or knocking noise that was observed in step 1.
 - If the noise is reduced, continue to the next step.
 - If the rattling or knocking noise persists at the original volume, remove the towels. Reinstall the bolts at the lower attachment points of both wiper bracket pencil braces (torque 27 Nm). Discontinue this procedure and proceed with diagnosis outside of this bulletin, as the NVH issue is caused by a different component. Use correction code S032531005.
4. Replace both front upper control arm mounts with the updated parts. Refer to Service Manual procedure [3115010702](#).

📖 NOTE: Model Y Premium AWD/RWD vehicles only: Do not reattach the front upper control arm mount to the damper.

5. Remove and discard both wiper bracket pencil braces. Refer to Service Manual procedures [1010055201](#) (LH) and [1010055301](#) (RH).

📖 NOTE: Reinstallation of the wiper bracket pencil braces is not necessary.

6. **Model Y Premium AWD/RWD vehicles only:** Replace the front damper coil assemblies. Refer to Service Manual procedure [3115010602](#) (RWD) or [3115012202](#) (AWD).



NOTE: Model Y Standard and Performance vehicles already have updated damper coil assemblies and do not require the replacement.

7. Perform an EPAS alignment check. Add the alignment check/adjust as a separate activity. Refer to Service Manual procedure [31001500](#).

