



Model S Single Motor Front Suspension Fore Link Clash

Classification	Campaign Bulletin	Section/Group	31 - Suspension	Country/Region	ALL
Year	2016	Model	Model S	Version	Rear Wheel Drive

Bulletin Classification: 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 range listed. These instructions assume knowledge of motor vehicle and high voltage electrical component repairs, and should only be executed by trained professionals. Tesla assumes no liability for injury or property damage due to a failure to properly follow these instructions or repairs attempted by unqualified individuals.

Condition

Some Model S vehicles were manufactured with front suspension lower fore links that do not meet Tesla's internal specifications. The lower fore link may contact the sway bar mounting bracket, causing noise and the risk for damage to front suspension components over time. This condition does not affect steering control or response.

Correction

Inspect the vehicle for symptoms related to the condition. If symptoms are present, perform the procedure below.

Correction Description	Correction	Time
SB-18-31-001 Not Applicable	S011831001	0.00
Replace LH and RH Front Suspension Lower Fore Links With Updated Parts and Perform Front Suspension Torque Check	S021831001	1.95
Replace LH and RH Front Suspension Lower Fore Links With Updated Parts, Replace Front 22MM Stabilizer Bar, and Perform Front Suspension Torque Check	S031831001	2.1
Replace LH and RH Front Suspension Lower Fore Links With Updated Parts, Replace Front 24 MM Stabilizer Bar, and Perform Front Suspension Torque Check	S041831001	2.1

Required Part(s):	Part Number	Description	Quantity
	1041575-00-B	FRONT FORE LINK SUSPENSION ASSSEMBLY - LEFT - DUAL MOTOR	1
	1041570-00-B	FRONT FORE LINK SUSPENSION ASSSEMBLY - RIGHT - DUAL MOTOR	1

Optional Parts:	1059381-00-B	FRONT SUSPENSION STABILIZER BAR 22MM	1
	1058584-00-A	BOLT M10x1.50x30	4
	2007090-00-C	NUT, M10x1.25	2
OR			
	1059386-00-B	FRONT SUSPENSION STABILIZER BAR 24MM	1
	1058584-00-A	BOLT M10x1.50x30	2
	2007090-00-C	NUT, M10x1.25	2

These part numbers were current at the time of publication. Use the revisions listed or later, unless otherwise specified in the Parts Manual.

Procedure

1. Replace the LH and RH front suspension lower fore links (refer to Service Manual procedures 31013402 and 31013502).
2. Inspect the stabilizer bar, the stabilizer bar mounting brackets, and stabilizer bar mounting bolts. If the stabilizer bar, the stabilizer bar mounting brackets, or the stabilizer bar mounting bolts are damaged, replace the stabilizer bar and the stabilizer bar mounting bolts (refer to Service Manual procedure 31012102).
3. Perform a Front Suspension Torque Check (refer to Service Manual procedure 31019000).
4. Perform a Four Wheel Alignment Check and Adjustment (refer to Service Manual procedure 31000100).

Affected VIN(s) Affected Model S vehicles built between approximately April 28, 2016 and May 7, 2016.

NOTE: This is a simplified summary 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.

For feedback on the accuracy of this document, email ServiceBulletinFeedback@tesla.com.