



## Replace Lower Rear Control Arm Assemblies

<b>Classification</b>	Campaign Bulletin	<b>Section/Group</b>	31 - Suspension	<b>Country/Region</b>	Canada, Austria, Germany, and Norway
<b>Years</b>	2013, 2014	<b>Model</b>	Model S	<b>Version</b>	All

**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.*

*This Service Document supersedes SB-19-31-001 R1, dated 17-May-19. Each content change is marked by a vertical line in the left margin. Discard the previous version and replace it with this one.*

### Condition

On certain Model S vehicles, either lower rear control arm might crack, causing excessive negative camber of the rear suspension.

### Correction

Replace both LH and RH lower rear control arm assemblies with updated parts. Perform an alignment check and, if necessary, adjust.

Correction Description	Correction	Time
SB-19-31-001 Not Applicable	S011931001	0.00
Replace LH and RH Lower Rear Control Arm Assemblies Due To Potential Cracking (Includes Four Wheel Alignment Check)	S021931001	1.45
Replace LH and RH Lower Rear Control Arm Assemblies Due To Potential Cracking (Includes Four Wheel Alignment Check and Adjust)	S031931001	2.00

Required Part(s):	Part Number	Description	Quantity
	1027459-99-A or 1021416-00-D	Use either of the following: RR SUSP LCA ASSY RR SUSP LCA ASSY	2 2
	2007090-00-C	NUT HF M10x1.25 PC10 PTP COLORED	2

**Shop supplies:**

Pink paint pen

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

Special Tool(s):	Part Number	Description
	1071271-00-A	Chassis Height Measurement Tool
	1090881-00-A	Brake Pedal Depressor

## Procedure

1. Replace both the LH and RH lower rear control arm assemblies (refer to Service Manual procedure 31031102).
2. Perform a four wheel alignment check (refer to Service Manual procedure 31002100), and, if necessary, adjust (refer to Service Manual procedure 31000100).

**Affected VIN(s)** Affected Model S vehicles built between approximately June 4, 2013 and February 7, 2014.

**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.

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