



Retrofit Springs, Dampers, and Rear Lower Fore Links For Softer Ride Characteristics

Classification	Repair Bulletin	Section/Group	31 - Suspension	Country/Region	North America
Year	2017	Model	Model 3	Version	All

Bulletin Classification: This repair bulletin provides instructions and guidelines for a noted condition or a customer concern. The information provided can address a broad range of known or perceived issues with the operation of Tesla vehicles. This bulletin might not be VIN-specific. 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

On some Model 3 vehicles, customers might state that the vehicle ride is too harsh. The ride tuning of early spring and damper assemblies is subjectively more firm than the ride tuning of updated assemblies.

Correction

Inspect the vehicle for symptoms related to the condition. If symptoms are present, retrofit springs, dampers, and rear lower fore links with updated components.

Correction Description	Correction	Time
SB-18-31-004 Not Applicable	S011831004	0.0
Retrofit Springs, Dampers, and Rear Lower Fore Links With Updated Components	S021831004	3.9

Required Part(s):	Part Number	Description	Quantity
	1459174-00-A	M3 SERVICE KIT - SOFTER SUSPENSION	1
	This part number was current at the time of publication. Use the revision listed or later, unless otherwise specified in the Parts Manual.		
Special Tool(s):	1135103-00-A	Tool, Spring Compressor, Hook, Model 3	

Procedure

1. Remove the rear LH spring (refer to Service Manual procedure 31153002).
2. Remove the rear LH damper (refer to Service Manual procedure 31153602).
3. Remove and replace the rear LH lower fore link with an updated component (refer to Service Manual procedure 31032001). Do not install the mid aero shield at this time.
4. Install the updated rear LH damper (refer to Service Manual procedure 31153602).
5. Install the updated rear LH spring and remove the spring compressor (refer to Service Manual procedure 31153002).
6. Repeat this procedure from step 1 on the rear RH side.
7. Install the mid aero shield (refer to Service Manual procedure 12030502).
8. Replace the front LH and RH spring and damper assemblies with updated components (refer to Service Manual procedure 31151002).

Affected VIN(s) Affected Model 3 vehicles built between approximately July 10, 2017 and December 22, 2017.

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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