



# Replace Rear Air Spring Modules

**Classification** Campaign Bulletin    **Section/Group** 31 - Suspension    **Country/Region** All

**Year** 2018    **Model** Model X    **Version** 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.*

## Condition

On some Model X vehicles, the weld on the lower part of the rear air spring module might not meet Tesla's internal specifications.

## Correction

Inspect and replace the rear air spring module as determined by the procedure below.

Correction Description	Correction	Time
SB-18-31-008 Not Required	S011831008	0.0
Inspection only; LH and RH Rear Air Spring Module Replacement Not Necessary	S021831008	0.3
Inspect Both Modules, Replace LH Rear Air Spring Module	S031831008	2.0
Inspect Both Modules, Replace RH Rear Air Spring Module	S041831008	2.0
Inspect and Replace LH and RH Rear Air Spring Modules	S051831008	2.8

Required Part(s):	Part Number	Description	Quantity
	1027461-00-E	AIR SPRING MODULE REAR	1

This part number was current at the time of publication. Use the revision listed or later, unless otherwise specified in the Parts Manual.

## Procedure

1. Remove the rear wheels (refer to Service Manual procedure 34012501).
2. Attach the scanner to a laptop.
3. Open the excel sheet, located [here](#):
  - a) Navigate to the 2<sup>nd</sup> tab in the excel spreadsheet. The tab is titled “**Scan here**”.
  - b) Select the 1<sup>st</sup> open cell in column B.
4. Scan the QR code located on the rear air spring module (Figure 1).The QR code appears in the cell selected in step 3b.



**Figure 1**

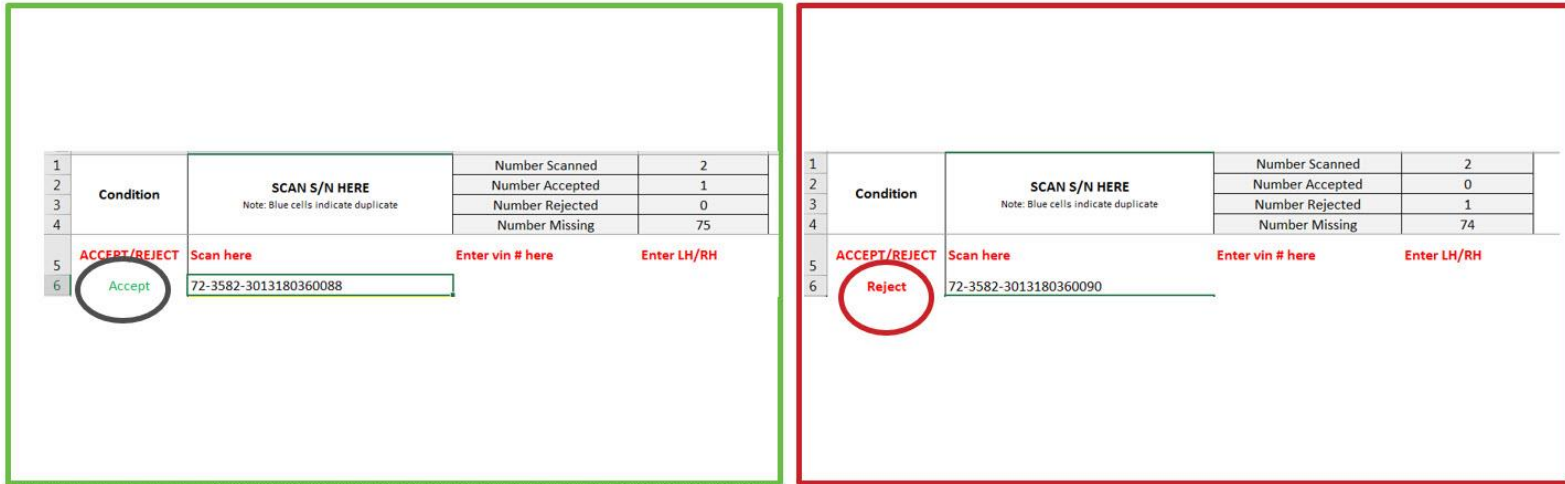
**NOTE:** Make sure that the barcode does not have any debris on it.

**TIP:** It might be necessary to use a mirror to scan the barcode.

5. Type the VIN and LH or RH into the excel spreadsheet.

**NOTE:** Perform this step on each side of the vehicle.

- If column A displays Reject (Figure 2), skip to step 6.
- If column A displays Accept, reinstall any component that was removed for access and discontinue this procedure.



**Figure 2**

6. Remove and replace the rear air spring module (refer to Service Manual procedure 31106002 for LH and 31106102 for RH)
7. Follow standard MRB and return instructions for any rejected air spring module.

**Affected VIN(s)** Affected Model X vehicles built between February 10<sup>th</sup>. and March 23<sup>rd</sup> 2018.

**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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