



# Front Bumper Carrier Bolt Replacement

**Classification** Campaign Bulletin    **Section/Group** 10 - Body    **Country/Region** All

**Year** 2012 - 2013    **Model** Model S    **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 Motors 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 Bulletin supersedes SB-13-10-012 R2, dated 3-Jan-14. Each content change is marked by a vertical line in the left margin. Discard the previous version and replace it with this one.*

## Condition

The bolts on the arms of the front bumper carrier might experience corrosion in extreme climates, causing a perceived quality issue. An upgraded set of aluminum bolts is now available.

## Correction

Replace the shotgun bolts and washers and the headlight bolts with upgraded parts.

Required Part(s):	Part Number	Description	Quantity
	1026496-00-B	BLT,BSK,M8x25[Al]	2
	1009766-00-B	WSHR,FLAT,M8,25,1.6,AL	2
	1026495-00-B	BLT,BSK,M6x25[Al]	2

### Shop supplies:

Wire brush

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

Correction Description	Correction	Time
Replace Front Bumper Carrier Hardware	S011310012	0.2
Replace Front Bumper Carrier Hardware, Clean Corrosion	S021310012	0.3

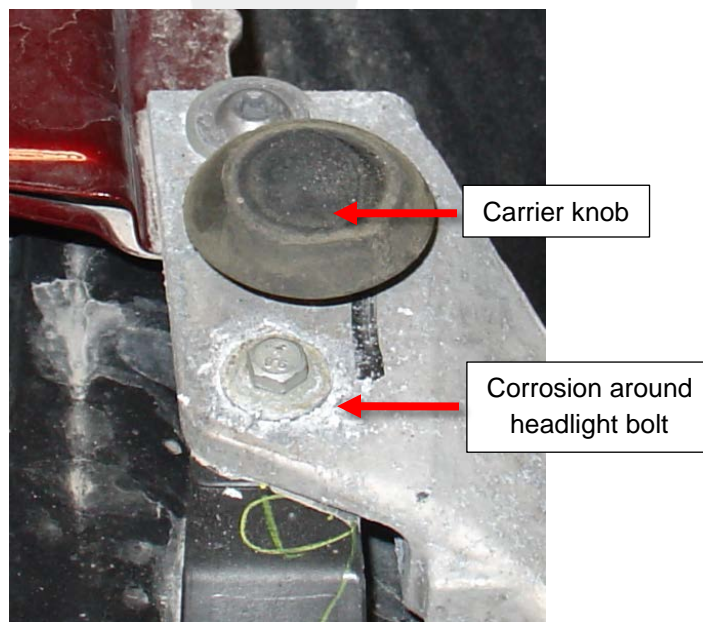
## Procedure

1. Remove the LH and RH underhood aprons (refer to Service Manual procedure 12251202).
2. Remove and discard the shotgun bolt and washer and headlight bolt (and washer, if equipped) from the RH arm of the front bumper carrier (Figure 1).



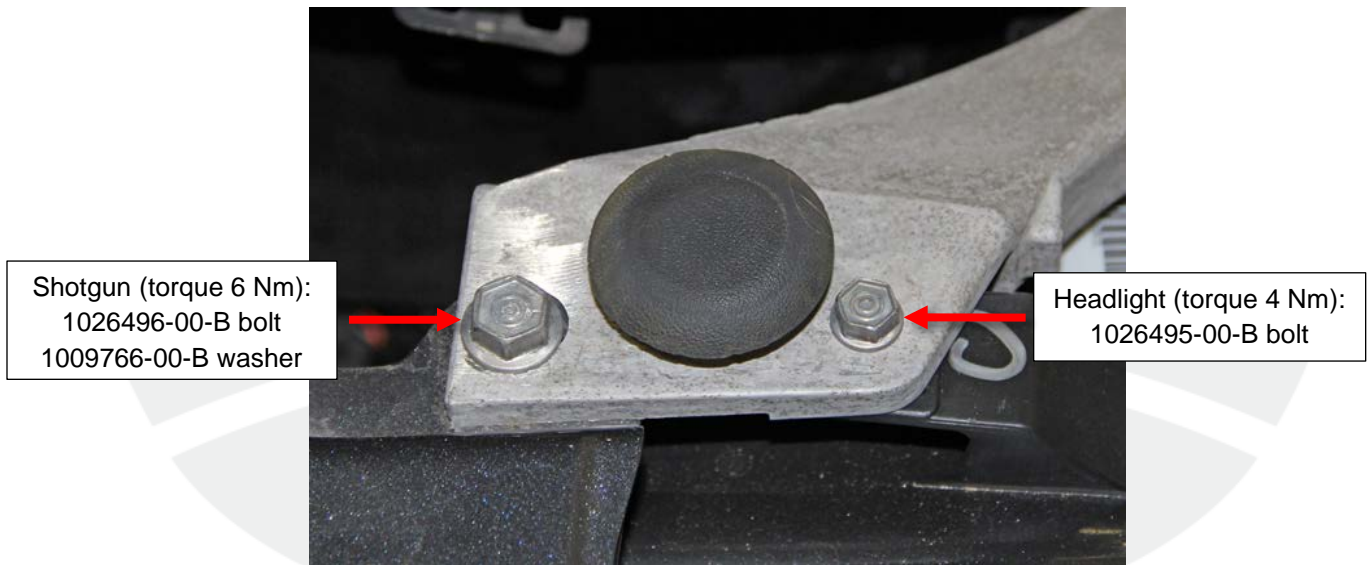
**Figure 1**

3. Inspect the area around the bolt holes for signs of corrosion.
  - If corrosion is present (Figure 2), remove the carrier knob and clean the affected area(s) on the carrier surface and knob threads with a wire brush before continuing this procedure.
  - If corrosion is not present, continue this procedure.



**Figure 2**

4. Replace the shotgun bolt and washer on the RH arm of the front bumper carrier (torque 6 Nm) (Figure 3).
5. Replace the headlight bolt on the RH arm of the front bumper carrier (torque 4 Nm) (Figure 3).



**Figure 3**

6. Repeat steps 2–5 on the LH arm of the front bumper carrier.
7. Reinstall the components that were removed for access.
8. Ensure that the hood is flush to the front LH and RH fenders. Adjust the carrier knobs if necessary.

**Affected VIN(s)** This information is for reference purposes only. This list is not intended to be the sole information source for updates.

5YJSA1DP8CFF00001 - 5YJSA1DP0CFF00042  
 5YJSA1AP7CFR00102 - 5YJSA1AP9CFR00117  
 5YJSA1DP2CFS00001 - 5YJSA1DP4CFS00291  
 5YJSA1DN0CFS00299 - 5YJSA1DN7CFS00381  
 5YJSA1DP2CFS00385 - 5YJSA1DP2CFS00726  
 5YJSA1DP6CFS00728 - 5YJSA1DP6CFS00731  
 5YJSA1DP7CFS00737 - 5YJSA1DP7CFS00799  
 5YJSA1DP6CFP01201 - 5YJSA1CP9CFP01999  
 5YJSA1CN9CFP02200 - 5YJSA1CG7DFP07513  
 5YJSA1AG2DFP07566  
 5YJSA1AG7DFP07594  
 5YJSA1CG6DFP07602 - 5YJSA1DP5DFP07685  
 5YJSA1DP1DFP07697 - 5YJSA1CN2DFP07711  
 5YJSA1DP8DFP07745 - 5YJSA1CP6DFP07762  
 5YJSA1CGXDFP07778  
 5YJSA1CP8DFP07794  
 5YJSA1DP5DFP07797 - 5YJSA1DP6DFP08229  
 5YJSA1CG4DFP08523 - 5YJSA1CNXDFP08914

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