



Inspect Underbody Panels and Fasteners

Classification	Campaign Bulletin	Section/Group	12 - Exterior Fittings	Country/Region	United States, Canada
Year	2018	Model	Model 3	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 3 vehicles, the push rivets, nuts, and bolts that attach the underbody aero panels might have been improperly installed. Consequently, fasteners might be missing, and underbody panels might be damaged or missing.

Correction

Inspect the vehicle for symptoms related to the condition. If symptoms are present, torque the existing nuts and bolts to the proper internal specifications, install any missing fasteners, and if necessary, replace any missing or damaged aero panels.

Correction Description	Correction	Time
SB-18-12-009 Not Applicable	S011812009	0.0
Inspect, Torque Fasteners, No Fastener Or Panel Replacement Necessary	S021812009	0.15
Inspect, Torque Fasteners, Install Fasteners, No Panel Replacement Necessary	S031812009	0.2
Inspect, Torque Fasteners, Install Fasteners, Replace 1 Panel	S041812009	0.3
Inspect, Torque Fasteners, Install Fasteners, Replace 2 Panels	S051812009	0.5
Inspect, Torque Fasteners, Install Fasteners, Replace 3 Panels	S061812009	0.55
Inspect, Replace 4 Panels	S071812009	0.65

Required Part(s):	Part Number	Description	Quantity
	If necessary:		
	1084174-01-D	LWR VALANCE, FRT FASCIA, M3	1
	1104312-00-B	M3 FRONT AERO, LWRT	1
	1104313-00-B	M3 MID AERO, LWRT	1
	1100838-00-C	MODEL 3, RR FASCIA, DIFFUSER ASSY	1
	1128034-00-B	PUSH PULL RIVET,8MM,5-7 GRP,NYLON,BLK	As needed
	1083017-00-A	BOLT & WSHR,HX,M6x18,STL[88],ZNNI[BLK],MAT	As needed
	1006538-00-A	NUT HF M6-1.00X18 (ZnAl)	As needed
	1006529-00-A	BOLT HF M6X18 PC88 MAT	As needed

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. Raise the vehicle (refer to Service Manual procedure 10000205).
2. At the front of the vehicle, inspect the valence, and comment in the Cause Narrative field of the Repair Order if the valence is missing, the damage to the valence (if any), and which push rivets (if any) are missing (Figure 1).

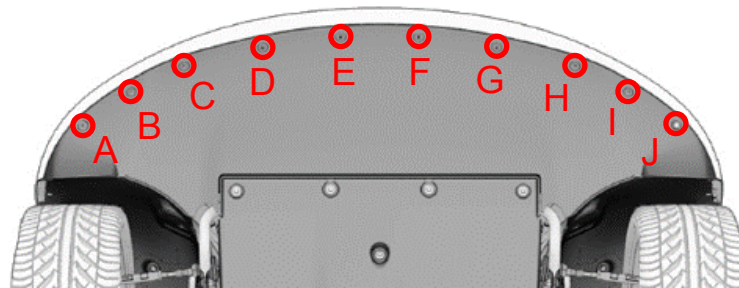


Figure 1 (○ 1128034-00-B)

3. If the valence is present and undamaged, install any missing push rivets. (Figure 1).
4. Inspect the front aero shield panel, and comment in the Cause Narrative field of the Repair Order if the panel is missing, the damage to the panel (if any), and which bolts and nuts (if any) are missing (Figure 2).

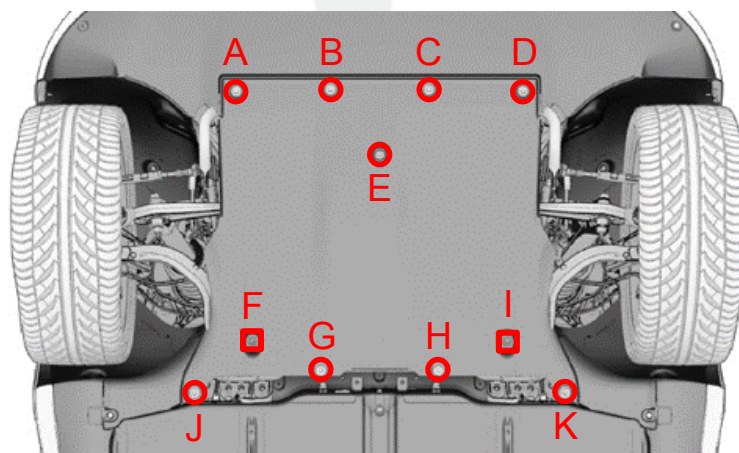


Figure 2 (○ 1083017-00-A (torque 5Nm), ◻ 1006538-00-A (torque 5 Nm))

5. If the front aero shield panel is present, torque all present bolts and nuts to the correct specification (Figure 2), and then comment in the Cause Narrative field of the Repair Order which bolts and nuts were under torqued.
6. If the front aero shield panel is undamaged, hand install all missing bolts and nuts, and then torque those bolts and nuts to the correct specification (Figure 2).
7. Inspect the mid aero shield panel, and comment in the Cause Narrative field of the Repair Order if the mid aero shield panel is missing, the damage to the panel (if any), and which bolts (if any) are missing (Figure 3).

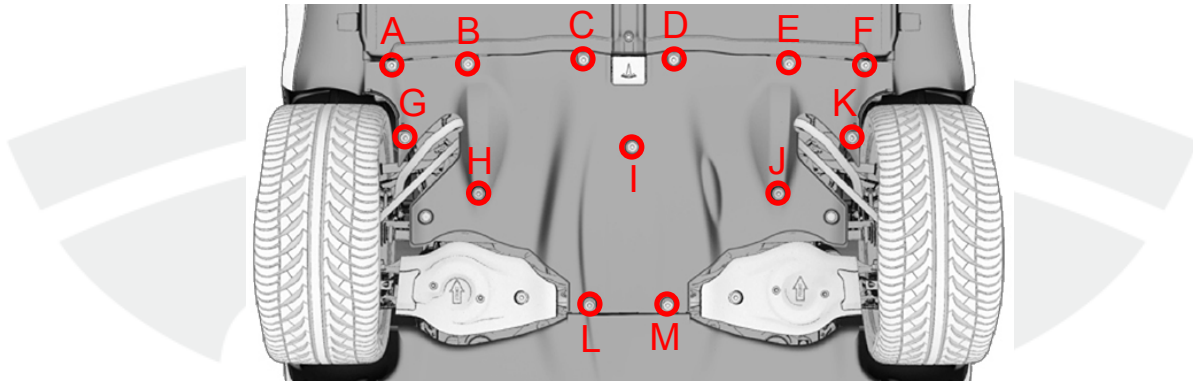


Figure 3 (○ 1083017-00-A (torque 5 Nm))

8. If the mid aero shield panel is present, torque all present bolts to the correct specification (Figure 3), and then comment in the Cause Narrative field of the Repair Order which bolts were under torqued.
9. If the mid aero shield panel is undamaged, hand install all missing bolts, and then torque those bolts to the correct specification (Figure 3).
10. At the rear of the vehicle, inspect the diffuser, and comment in the Cause Narrative field of the Repair Order if the diffuser is missing, the damage to the diffuser (if any), and which bolts (if any) are missing (Figure 4).

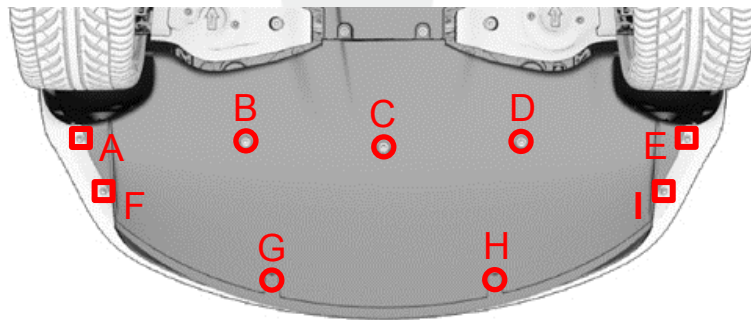


Figure 4 (○ 1083017-00-A (torque 4 Nm), □ 1006529-00-A (torque 3 Nm))

11. If the diffuser is present, torque all present bolts to the correct specification (Figure 4), and then comment in the Cause Narrative field of the Repair Order which bolts were under torqued.
12. If the diffuser is undamaged, hand install all missing bolts, and then torque those bolts to the correct specification (Figure 4).

13. If any of the panels are missing or damaged, replace them. Otherwise, go to step 14.

- **Valence** - Refer to Service Manual procedure 10012202.
- **Front Aero Shield Panel** - Refer to Service Manual procedure 12030102.
- **Mid Aero Shield Panel** - Refer to Service Manual procedure 12030502.
- **Diffuser** - Refer to Service Manual procedure 12030802.

14. Lower the vehicle (refer to Service Manual procedure 10000205).

Affected VIN(s) Affected Model 3 vehicles built between approximately June 12, 2018 and June 29, 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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