



Install HV Battery Breathers

Classification	Campaign Bulletin	Section/Group	16 - HV Battery System	Country/Region	North America
Year	2017, 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

Some Model 3 vehicles might have been manufactured without one or both HV battery breathers.

Correction

Inspect the vehicle for symptoms related to the condition. If symptoms are present, install one or two new HV battery breathers.

Correction Description	Correction	Time
SB-18-16-005 Not Applicable	S011816005	0.0
Inspect Vehicle, No HV Battery Breather Installation Necessary	S021816005	0.2
Inspect Vehicle And Install One HV Battery Breather	S031816005	0.25
Inspect Vehicle And Install Two HV Battery Breathers	S041816005	0.25

Required Part(s):	Part Number	Description	Quantity
	1108907-00-A	BREATHER, NITTO Z-PLUG-S	1 - 2

Shop supplies:

IPA wipes

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. Remove the mid aero shield panel (refer to Service Manual procedure 12030502).
2. Inspect the LH and RH HV battery vent shrouds for installed or absent HV battery breathers (Figures 1 and 2).



Figure 1 (LH vent shroud with breather)



Figure 2 (LH vent shroud without breather)

3. For each installed HV battery breather, apply sideways pressure on the HV battery breather at several locations to verify that it is secure in the battery vent shroud (Figure 1).
 - If both HV battery breathers are secure in their HV battery vent shrouds, discontinue this procedure, and install the mid aero shield panel (refer to Service Manual procedure 12030502).
 - If any HV battery breather is not secure in the HV battery vent shroud, remove and discard that HV battery breather (refer to Service Manual procedure 16102302).
4. For each removed or absent HV battery breather, inspect inside the vent hole for evidence of water or debris entering the hole (Figure 2).
 - If evidence is found, suspend this procedure, create a Toolbox session, add photos of the evidence, and escalate the session for assistance.
 - If no evidence is found, continue to the next step.
5. Enter these key phrases as appropriate into the Cause Narrative field of the Repair Order:
 - LH breather secure
 - LH breather unsecure
 - LH breather absent
 - LH breather water/debris entry
 - RH breather secure
 - RH breather unsecure
 - RH breather absent
 - RH breather water/debris entry
6. Install any replacement or absent HV battery breathers with new components (refer to Service Manual procedure 16102302)(Figure 2).

Affected VIN(s) Affected Model 3 vehicles built before approximately March 7, 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.

For feedback on the accuracy of this document, email ServiceBulletinFeedback@tesla.com.

