

SB-10046899-7787

SI B61 24 12
General Electrical Systems

August 2012
Technical Service

SUBJECT

ActiveE: Routing of the HV Cables - Maintenance Service, Vehicle Check

MODEL

E82E (ActiveE)

SITUATION

During the performance of the 3-month/5,000 mile service (Vehicle Check), the EME/E-motor assembly has to be removed to perform the E-motor greasing maintenance service.

It is crucial to reinstall the EME high-voltage cables into the same original factory position.

If the EME HV cables are re-routed incorrectly, they may contact the exposed fasteners in the rear right wheel housing area. Possible damage to the cable insulation can occur, resulting in various insulation fault codes stored in the EME control module.

CORRECTION

1. When reinstalling the EME/E-motor assembly after the greasing service, make sure that the HV cables (1) are not in contact with the M10 (2) nuts (approximately 1" of clearance is required) from the cable ducts on the right wheel housing.



2. If needed, move the HV cables away from the M10 nuts by releasing (cutting) the zip ties and securing the cables in a correct position with a new set of the ties (P/N 33 17 7 687 623).
3. As a protective measure, you may also install two plastic caps (1), P/N 12 42 1 438 388, on the exposed duct nuts (2).

PARTS INFORMATION

Part Number		Description	Quantity
12 42 1 438 388		Protective cap	2
Sublet Code 4	\$4.00	Reimbursement for the used quantity of 11” Standard Cable Ties (P/N 33 17 7 687 623)	

WARRANTY INFORMATION

Not applicable.

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