

NUMBER: 08-065-14

GROUP: Electrical

DATE: August 05, 2014

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THIS SERVICE BULLETIN IS ALSO BEING RELEASED AS RAPID RESPONSE TRANSMITTAL (RRT) 14-061. ALL APPLICABLE SOLD AND UN-SOLD RRT VIN'S HAVE BEEN LOADED. TO VERIFY THAT THIS RRT SERVICE ACTION IS APPLICABLE TO THE VEHICLE, USE VIP OR PERFORM A VIN SEARCH IN TECHCONNECT. ALL REPAIRS ARE REIMBURSABLE WITHIN THE PROVISIONS OF WARRANTY.

SUBJECT:

Thatcham Installation

OVERVIEW:

This bulletin involves the installation of the Thatcham Engine Compartment kit.

MODELS:

2014 (RT) Town Country Caravan (International Only)

NOTE: This bulletin applies to vehicle equipped with Thatcham Security Equipment (sales code LS9) built before December 20, 2013 (MDH 1120XX).

DIAGNOSIS:

If a customer's VIN is listed in VIP or your RRT VIN list, perform the repair.

PARTS REQUIRED:

Qty.	Part No.	Description
(1)	05187120AB	Stud Plate Assembly - Control Module
1	68086303AA	Clam shell cover (diesel)
1	04575731AB	Label - Info Alarm Identification
1	05026499AA	Striker Plate - Security Alarm Underhood
2	68004878AA	Nut - Hex Flange Locking M6 x 1.0
1	05061472AA	Rivet Blind - Striker Plate to Hood
2	05146465AA	3/4" diameter sleeve (diesel)
1	05154200AA	Tie Strap
2	05116471AB	Label - Info Alarm Identification

Qty.	Part No.	Description
1	68139993AA	Radiator Hose Sleeve

REPAIR PROCEDURE:

1. Install security label on passenger and drive side windows (Fig. 1).



Fig. 1 Security Label

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2. Remove overflow bottle cap using the pair of vice grips remove the overflow hose from the overflow bottle and place it in the top of bottle (pull up on overflow bottle drain house to avoid spillage of coolant) (Fig. 2) and (Fig. 3).



Fig. 2 Overflow Bottle

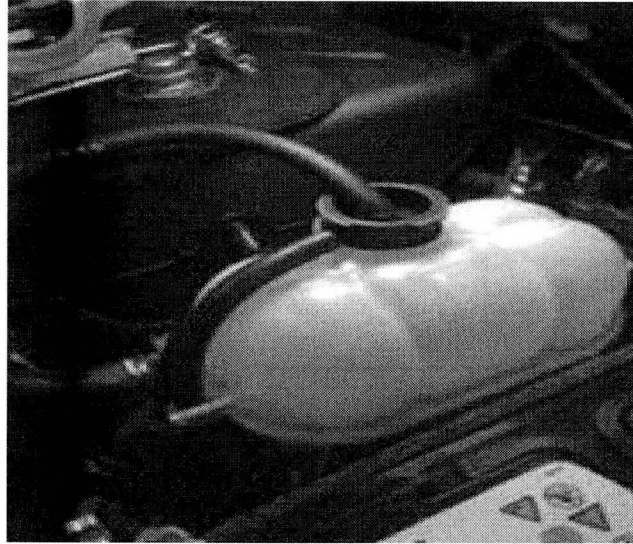


Fig. 3 Overflow Bottle

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3. Remove positive and negative battery cables (Fig. 4).

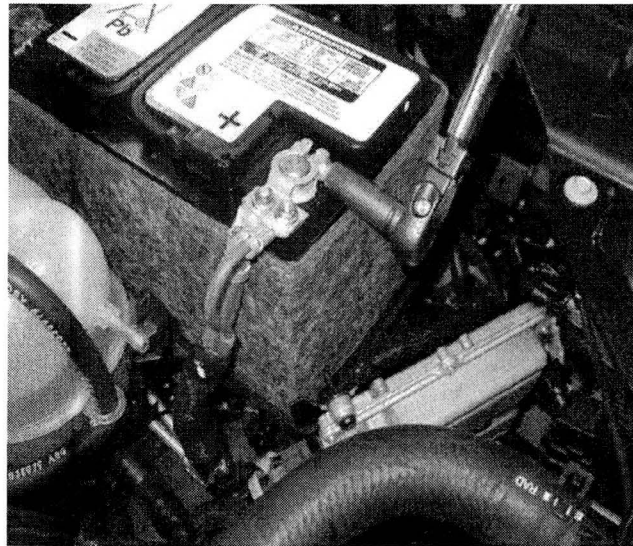


Fig. 4 Battery Cables

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4. Place hood striker in place on the hood, using the locating tab to locate where the holes on the striker are to sit. Once the holes are lined up rivet the striker to the hood using a rivet gun (Fig. 5).

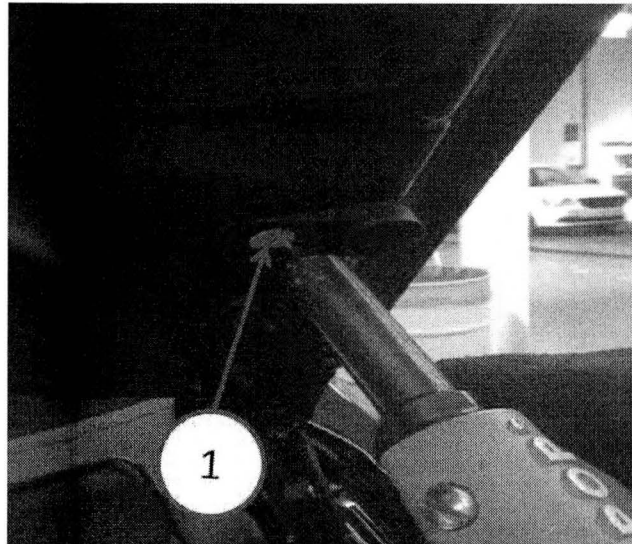


Fig. 5 Stricker Plate

1 - Rivet

NOTE: Do not unplug the PCM connectors it is not required.

5. Remove christmas tree from the PCM bracket (Fig. 6).

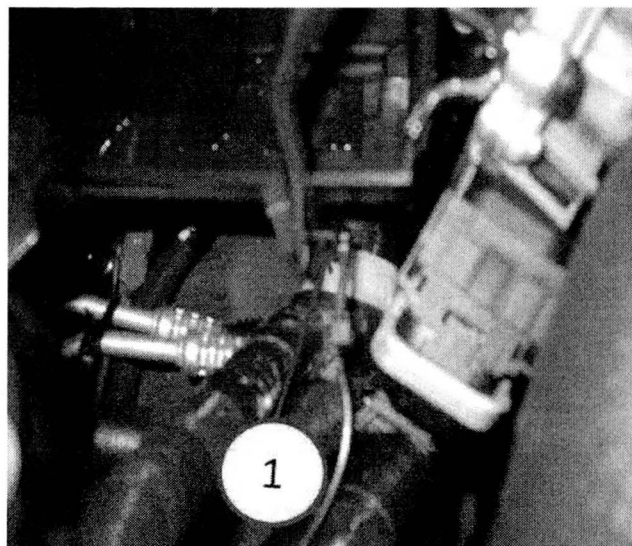


Fig. 6 Christmas Tree PCM

1 - Christmas Tree

6. Remove Christmas tree from the overflow bottle using the forked pry bar(Fig. 7).

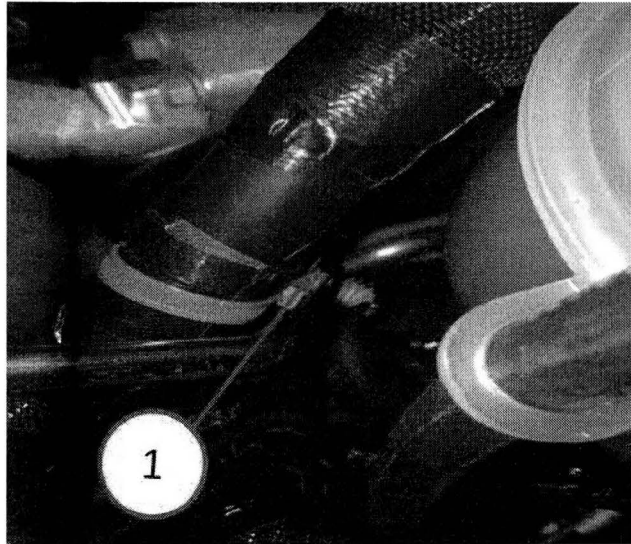


Fig. 7 Christmas Tree Overflow Bottle

1 - Christmas Tree

NOTE: Do not unplug the PCM connectors it is not required.

7. Remove the PCM bracket fastening screws using the 10 and 13 mm socket wrench (Fig. 8) and (Fig. 9).

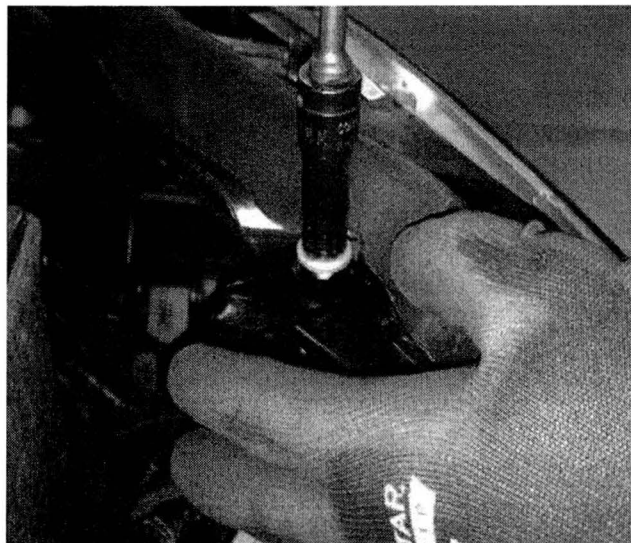


Fig. 8 PCM Bracket

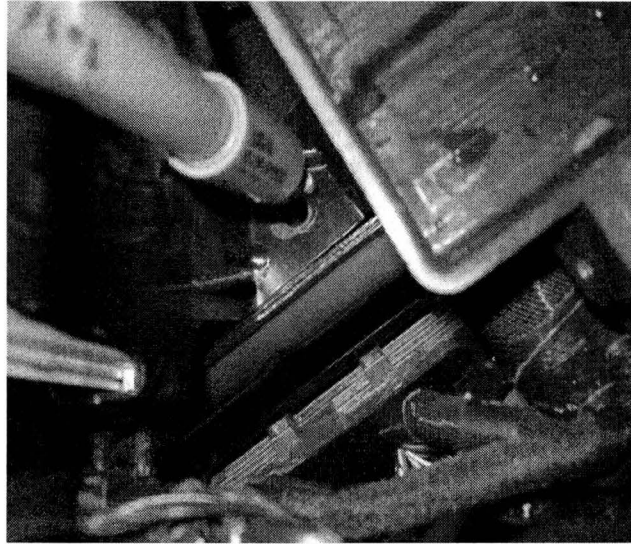


Fig. 9 PCM Bracket

8. Lift and rotate the PCM assembly up to access hold down torx screws (Fig. 10).

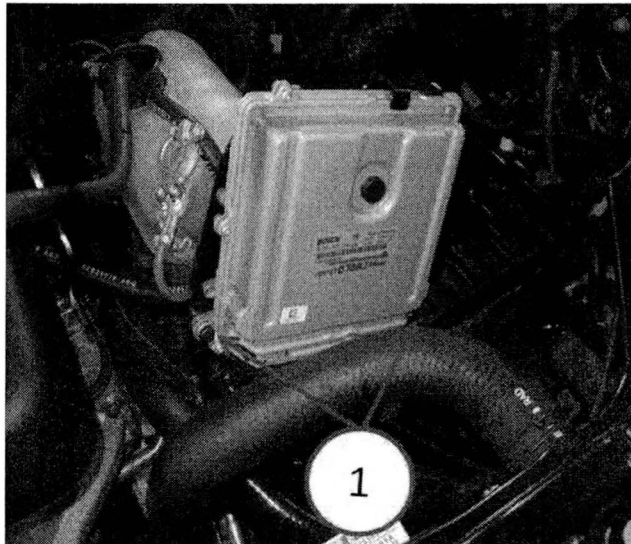


Fig. 10 Torx Screws

1 - Torx Screws

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9. Remove the torx screws (using the t-30 socket) holding PCM to bracket and put aside bracket.
 10. Install two Kevlar sleeves around PCM wire harness at connector and fasten with 3 pieces of tape.

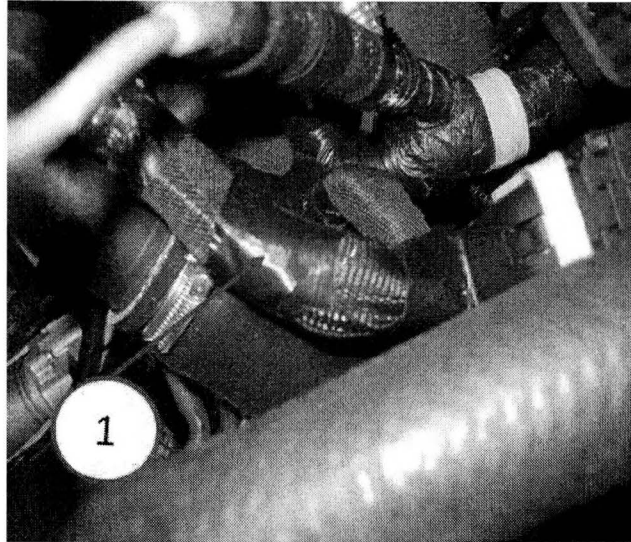


Fig. 11 Kevlar Sleeves PCM

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11. Open Thatcham bracket and fit around PCM and align for fastening screws. Fit PCM bracket back on the PCM and align for fastening screws. Using the original torx screws, fasten the PCM to the Thatcham and PCM bracket, torque to 7 Nm.



Fig. 12 Thatcham Bracket

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12. Rotate PCM assembly down back into position and fasten down. Torque the bottom bracket screw to 16 Nm and the top bracket screw to 7 Nm.

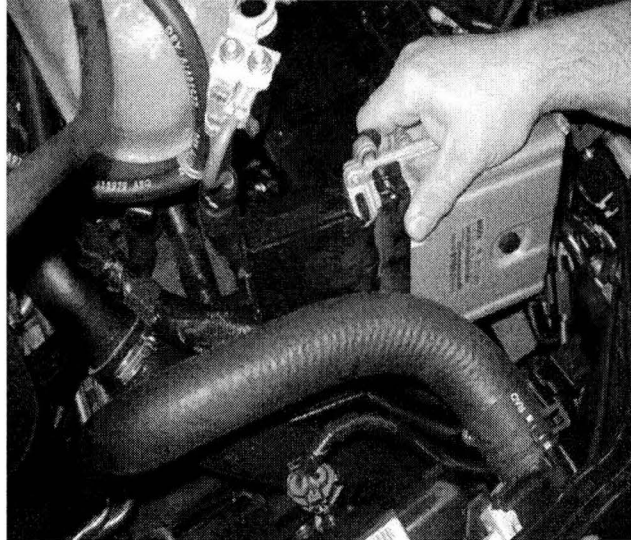


Fig. 13 Thatcham And PCM

13. Install Christmas tree to the PCM bracket.
14. Install Christmas tree in the hole on the coolant overflow bottle bracket.
15. Install stud strap on Thatcham bracket and hard start nuts.

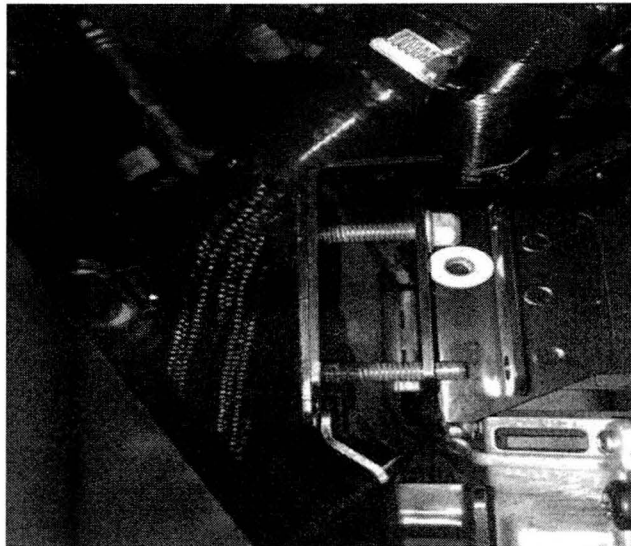


Fig. 14 Thatcham Bracket

16. Use ratcheting open end wrench to run in nuts evenly between both sides. Hand tighten nuts.
17. Attach negative and positive battery cables and tighten to 6 Nm.
18. Replace hoses and cap on coolant overflow bottle.
19. Install tie wrap around over flow hose to the Thatcham bracket.
20. Install one Kevlar sleeve around the radiator hose and fasten with tape.

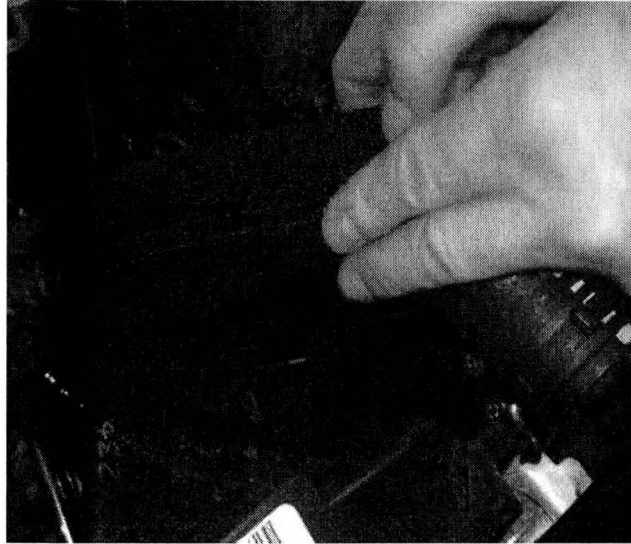


Fig. 15 Kevlar Sleeves Radiator Hose

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
08-20-16-04	Vehicle security system - Siren, vehicle security/alarm (1 - Semi-Skilled)	6 - Electrical And Body Systems	0.6 Hrs

FAILURE CODE:

ZZ	Service Action
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