SERVICE BULLETIN

NUMBER: 23-013-12

GROUP: Body

DATE: March 28, 2012

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SUBJECT:

Water On Top Of Engine Cover

OVERVIEW:

This bulletin involves enlarging the center push pin hole in the cowl panel and installing a grommet to prevent water intrusion around the push pin retaining clip.

MODELS:

2012	(FF)	Fiat 500 (Includes International Markets)

NOTE: This bulletin applies to vehicles built between February 19, 2011 (MDH 0219XX) and July, 8, 2011 (MDH 0708XX)

SYMPTOM/CONDITION:

The customer may experience water and/or water marks on top of the engine cover.

DIAGNOSIS:

The source of the water intrusion onto the top of the engine cover (1) may be caused by the center push pin hole (3) in the cowl panel (2) that secures the cowl panel cover (4) (Fig. 1). If a customer's VIN is listed in VIP or your RRT VIN list, perform the repair. For all other customers that describe the symptom/condition, perform the Repair Procedure.

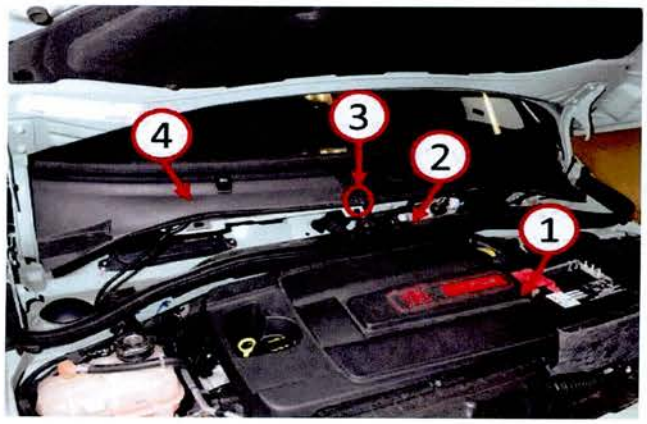

Fig. 1 Diagnosis

1 - Engine Cover

2 - Cowl Panel

3 - Center Push Pin Hole (Cowl Panel Cover)

4 - Cowl Panel Cover

PARTS REQUIRED:

Qty.	Part No.	Description
1 (AR)	68073721AA	Grommet

SPECIAL TOOLS/EQUIPMENT REQUIRED:

NPN	Drill (7.5mm bit)

REPAIR PROCEDURE:

1. Remove both front wiper arms (2) (Fig. 2). Refer to the detailed procedures available in DealerConnect >TechCONNECT > under: Service Info > 08-Electrical > Wipers/Washers > Arm, Wiper > Removal > Front.
2. Remove the cowl panel cover (1) (Fig. 2). Refer to the detailed procedures available in DealerConnect >TechCONNECT > under: Service Info > 23-Body > Exterior > Cover, Cowl Panel > Removal.
3. Remove the engine cover (3) (Fig. 2).

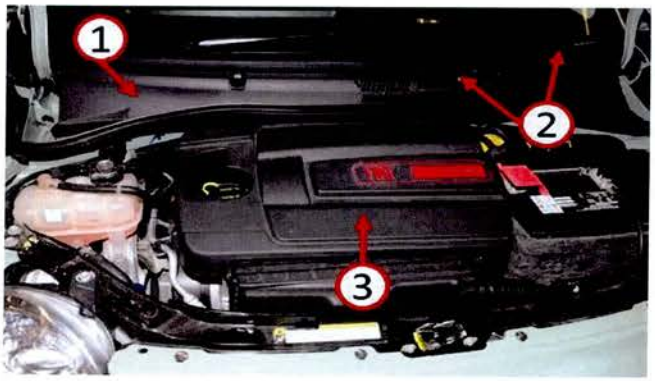

Fig. 2 Disassembly

1 - Cowl Panel Cover

2 - Wiper Arms

3 - Engine Cover

4. Locate the center push pin hole (1) in the cowl panel that the clip was removed from in order to remove the cowl panel cover (Fig. 3).
5. Use a (7.5mm) drill to enlarge the center push pin hole in the cowl (1) to accept the push clip grommet (Fig. 3).

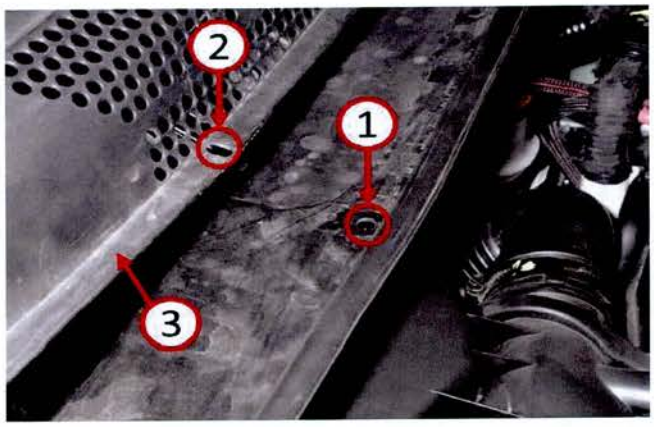

Fig. 3 Cowl Modification

1 - Center Push Pin Locating Hole (Cowl Panel)

2 - Center Push Pin Locating Hole (Cowl Panel Cover)

3 - Cowl Panel Cover

6. Install the push clip grommet (1) into the enlarged center push pin hole (2) in the cowl.

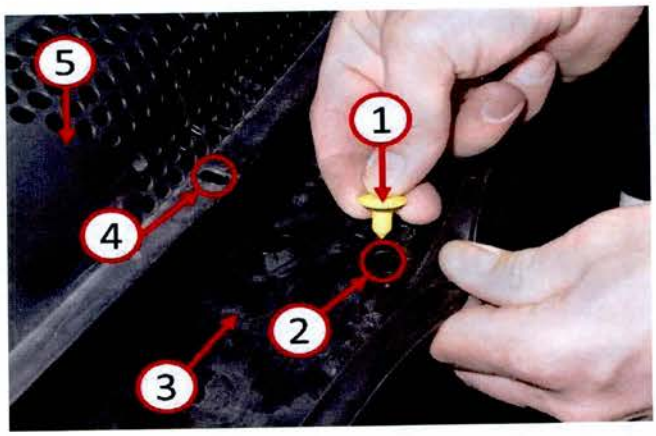

Fig. 4 Grommet Installation

1 - Push Clip Grommet

2 - Center Push Pin Locating Hole (Cowl Panel)

3 - Cowl Panel

4 - Center Push Pin Locating Hole (Cowl Panel Cover)

5 - Cowl Panel Cover

7. Reinstall the cowl panel cover (1) (Fig. 5). Refer to the detailed procedures available in DealerConnect >TechCONNECT > under: Service Info > 23-Body > Exterior > Cover, Cowl Panel > Installation .
8. Reinstall both front wiper arms (2) (Fig. 5). Refer to the detailed procedures available in DealerConnect >TechCONNECT > under: Service Info > 08-Electrical > Wipers/Washers > Arm, Wiper > Installation > Front.
9. Reinstall the engine cover (3) (Fig. 5).

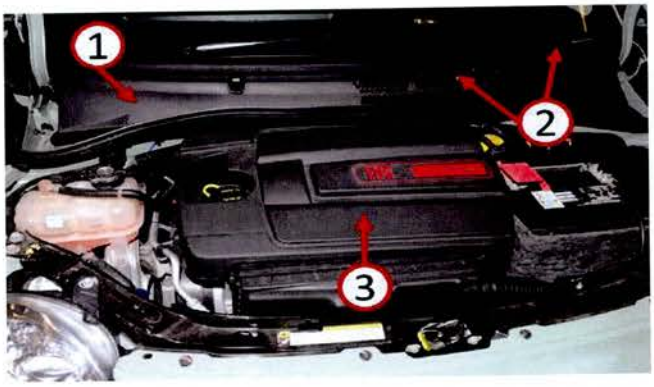

Fig. 5 Reassembly

1 - Cowl Panel Cover

2 - Wiper Arms

3 - Engine Cover

POLICY:
Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Amount
23-02-08-94	Install Sealed Grommet On Cowl Panel (Skill Level = D, Training Level = 1)	0.2 Hrs.

FAILURE CODE:

ZZ	Service Action