




SI M51 05 16
Body Equipment

April 2018
Technical Service

WATER LEAK IN REAR HATCH

New information provided by this revision is preceded by this symbol .


This Service Information supersedes SI M51 05 16 dated **October 2016**.

What's New:

- SI M completely revised with updated Procedure, Parts, and Warranty Information
- Affected vehicle production

MODEL

F55 (Cooper, Cooper S Hardtop 4 door)	F56 (Cooper, Cooper S Hardtop 2 door)
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 Produced up to December 2017

SITUATION

Water is found in trunk area.

CAUSE

One or more possible causes include:

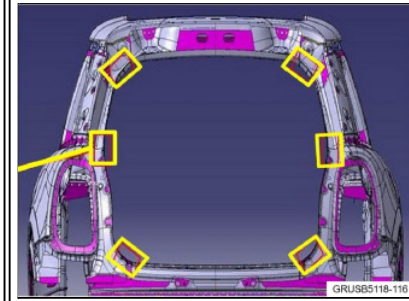
- Hatch seal may allow excess water into the vehicle
- Excess body sealer extends under the hatch seal
- Small gaps may be present in the body sealer around the rear lights
- The rear ventilation may be leaking

CORRECTION

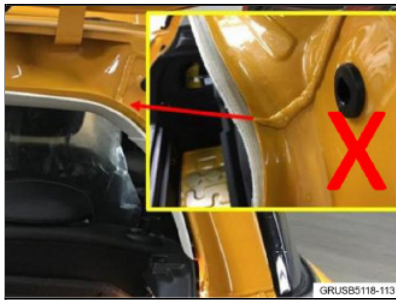
Inspect and remove excess body sealer in the area of the hatch seal. Inspect and/or apply body sealer around the rear lights. Inspect the rear ventilation for correct sealing. Replace the rear hatch seal with the latest improved seal.

PROCEDURE

	<ol style="list-style-type: none"> 1. Water leak test the vehicle to verify that water is leaking into the trunk from the rear hatch of the vehicle. If water is found to be entering through the hatch area, continue on.



2. Inspect the application of body sealer at the hatch seams in the 6 locations shown to the left.



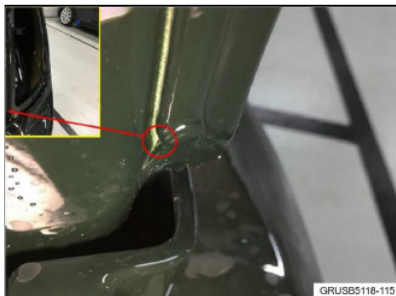
Does a raised portion of body sealer extend all the way to the end of the body seam as seen to the left?

Yes: Continue to step 3.

No: Continue to step 4.




3. Using a knife or other suitable tool, remove the portion of body sealer that extends under the hatch seal, as seen to the left. Take care not to remove any sealer down to bare metal. If bare metal is exposed during removal, apply corrosion protection to the area. After removal, ensure that the remaining body sealer does not extend under the hatch seal when installed.



4. Remove both rear lights, following repair instructions **REP 63 21 180 "Removing and installing/replacing left or right rear light"**. After removal, inspect the body sealer around the tail light opening for small holes or gaps in the sealer as shown to the left. If any holes or gaps are seen, apply body sealer as needed and reinstall the rear lights. Ensure the tail light seals are not damaged.

5. Install a new hatch seal using the PNs listed in the parts information section of this bulletin. Follow repair instructions **REP 51 71 360 "Remove and install/replace sealing for tailgate"**.

	 Note: The seal has been improved, but there is no change to the PNs of the improved seals.
	<p>6. With the previous inspections and/or repairs completed, water leak test the vehicle again to verify there are no remaining leaks into the trunk.</p> <p>Is water still entering the trunk? NO: No further repairs are necessary YES: Proceed to step 7</p>
	<p>7. Remove the top cover on the tail panel to inspect the sealing of the rear ventilation following repair instructions REP 51 46 050 “Removing and installing/replacing top cover on tail panel”.</p> <p>If the seal is found to be leaking or damaged, replace the vent. Repair instructions for replacement are contained in REP 41 34 038 Stripping operations – “Replacing tail panel outer section (partial replacement)” (Reference only).</p>

PARTS INFORMATION

Part Number	Description	Quantity
51 76 7 379 602	Rear Hatch Seal (F55)	1
Or:		
51 76 7 375 849	Rear Hatch Seal (F56)	1
And, if needed:		
Refer to ETK	Rear ventilation	1
And, a needed:		
83 19 2 210 419	Polyurethane Sealant, White (310 ml - bulk)	As needed

WARRANTY INFORMATION

Covered under the terms of the MINI New Passenger Car Limited Warranty.

Refer to KSD2/AIR for the corresponding flat rate unit (FRU) allowances.

Each of the work time (WT) labor operation listed below are not considered a Main labor operations and those that apply and claimed require an explanation on the repair order and in the claim comments section.

Diagnosis

Labor Operation:	Labor Allowance:	Description:
51 00 001	4 FRU	Work time to water leak test the vehicle (Vehicle already in the workshop)

Since the "work time" FRU allowance to be claimed is specified for 51 00 001, a separate punch time is not required.

And as applicable, with the diagnosis above (one time):

Defect Code:	5171034800	
Labor Operation:	Labor Allowance:	Description:
51 71 360	Refer to KSD2	Removing and installing or replacing seal for luggage compartment lid (Main work)
Or:		
51 71 860	Refer to KSD2	Removing and installing or replacing seal for luggage compartment lid (Plus work)
And, as necessary		
41 00 049	Work time (WT)	Work time to inspect for raised portions of body sealer that extends to far under the hatch seal, remove the section(s) of sealer interfering with the seal and apply corrosion protection to the reworked area(s)

If you are using a Main labor code for another repair, use the Plus code labor operation 51 71 860 instead of 51 71 360.

Work time labor operation code 41 00 049 requires an individual punch time.

And, or:

Defect Code:	4134004800	
Labor Operation:	Labor Allowance:	Description:
63 21 200	Refer to KSD2	Removing and installing/replacing both tail lights to inspect body sealer (Main work)
Or:		
63 21 700	Refer to KSD2	Removing and installing/replacing both tail lights to inspect body sealer (Plus work)
And, as needed:		
41 00 049	2 FRU	Work time to seal gaps in body sealer at rear lights

		(with rear lights removed)
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If you are using a Main labor code for another repair, use the Plus code labor operation 63 21 700 instead of 63 21 200.

Since the “work time” FRU allowance to be claimed is specified for 41 00 049, a separate punch time is not required.

And, or:

Labor Operation:	Labor Allowance:	Description:
51 46 050	Refer to KSD2	Removing and installing/replacing top cover on tail panel (Main work)
Or:		
51 46 549	Refer to KSD2	Removing and installing/replacing top cover on tail panel (Plus work)
And, if needed:		
51 99 000	11 FRU	Work time to inspect and replace the rear ventilation

If you are using a Main labor code for another repair, use the Plus code labor operation 51 46 549 instead of 51 46 050.

Since the “work time” FRU allowance to be claimed is specified for 51 99 000, a separate punch time is not required.

And, as applicable:

Sublet – Bulk Materials

Sublet Code 4	See the sublet reimbursement calculations below	Reimbursement for the repair-related bulk material (Do not use the part number for claim submission)
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Sublet reimbursement calculation for claiming repair-related bulk material (BMW part number) is at the dealer net price for the “quantities used” plus your center’s handling.

Enter this material cost in sublet and itemize the amount on the repair order and in claim comment section.

Posted: Friday, April 6, 2018

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