



## SUBJECT

### Correct Installation of W20 Catalytic Converter

## MODEL

I01 (REx)

## SITUATION

Metallic noise from rear of vehicle equipped with a range extender.

## CAUSE

Improperly installed decoupling element allows contact with the heat shield.

This may have been the result of a missing or obscured blue mark on the rear silencer support which is meant to indicate how far to push the decoupling element onto the support.

**This issue is not present from the factory, and is only introduced after previous repairs.**

## CORRECTION

Proper installation of the decoupling element.

## PROCEDURE

**Only properly trained personnel, who have passed all applicable technical training courses, should perform any maintenance or repairs on any Hybrid or Electric Vehicle. Work performed by unqualified persons may result in severe injury or damage to the vehicle. Additional information may be found in REP 61 00... Observe safety instructions when handling electric vehicles.**

For a related customer complaint or installation of the catalytic converter / rear silencer, proceed as follows.

Duplicate the described noise.

### Was the noise from contact between decoupling element and heat shield?

1. YES - follow instructions detailed in attachment "SIB180116\_Attachment.pdf".
2. NO - continue normal diagnostics and repair to fix the issue.

## PARTS INFORMATION

Part Number	Description	Quantity
18 30 7 623 124	Rear muffler	1
18 30 8 609 802	Heat shield for rear muffler	1

**WARRANTY INFORMATION**

The specific issue describe in this bulletin is not a defect in materials or the factory's workmanship.

This failure is caused by an improper repair-related removal and installation as noted above, any required part replacements to remedy this situation is not covered by the BMW limited warranties.

**ATTACHMENTS**

View PDF attachment [\*\*SIB180116 Procedure\*\*](#).

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