



This Service Information bulletin supersedes SI B27 01 13 dated February 2013.

PERFORM THE PROCEDURE OUTLINED IN THIS SERVICE INFORMATION BULLETIN ON ALL AFFECTED VEHICLES BEFORE CUSTOMER DELIVERY OR THE NEXT TIME THEY ARE IN THE SHOP FOR MAINTENANCE OR REPAIRS.

BMW centers must ensure recalls are completed after having been notified by BMW of North America, LLC (BMWNA) that a safety-related defect or noncompliance exists in any motor vehicle or item of replacement equipment in the center's possession at the time of notification. In BMW NA's case, this notification would typically be made by the issuance of a recall notification in the form of a Service Information bulletin (SIB) or transmission of a Dealer Communication System (DCS) recall message.

Under the National Traffic and Motor Vehicle Safety Act of 1966, as amended, if a recall campaign is announced by BMW NA, centers must ensure that all recalls on new vehicles and new items of replacement equipment are completed BEFORE delivery to the consumer. This means that centers may not legally deliver new motor vehicles or new items of replacement equipment to consumers with an open recall.

The Safety Act also prohibits centers from selling or leasing the motor vehicle or item of replacement equipment, unless and until the open recall has been completed BEFORE delivery. This also pertains to vehicles in the Certified Pre-Owned program, and to items of replacement equipment.

Finally, BMW centers should not sell or use parts that have been recalled by BMW NA. Please follow the specific instructions provided by BMW NA on the return or disposition of the parts.

NEW designates changes to this revision

SUBJECT

Recall Campaign 13V-017: ActiveE Drivetrain - Transmission Shaft Sealing

MODEL

E82E

SITUATION

On affected vehicles, insufficient sealing of the transmission input shaft can allow a lack of grease on the gear shaft, causing a possible loss of lubrication. The loss of lubrication can cause premature wear of the serrated gear in the E-motor output hub. If this continues, the connection between the electric motor and the transmission input shaft would degrade, which could eventually result in a loss of vehicle propulsion.

AFFECTED VEHICLES

This Recall Campaign involves certain ActiveE vehicles which were produced from August 2011 to December 2011.

In order to determine whether a specific vehicle has had this Recall Campaign completed or is affected by this Recall Campaign, first check the B-pillar label for code number **639**. If code number **639** has been punched out, the campaign has already been performed. If code number **639** has not been punched out, it will be necessary to utilize the Key Reader, or ISPA to see if the following special defect shows open:

00 00 00 00 00 (This defect code may be preceded by the number "one.")

Based on the response of the system, either proceed with the corrective action or take no further action.

CORRECTION

The repair consists of inspecting the drivetrain connection between the transmission input shaft and the corresponding E-motor output hub, and sealing/lubricating the transmission input shaft with the improved seals.

If the electric motor gearing (EME) is significantly worn, it will be replaced.

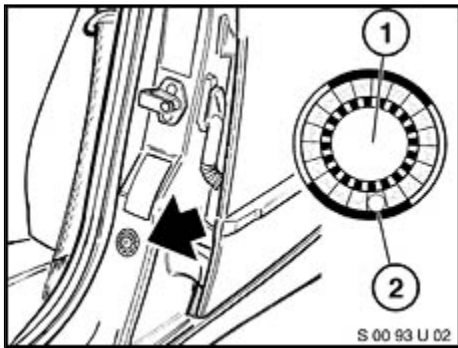
PROCEDURE

For detailed repair instruction, refer to the attachment "B27_01_13_ Re-sealing."

PARTS INFORMATION

Part Number	Description	Quantity
27 21 8 604 187	E82E Trans Shaft Kit	1

LABEL INSTRUCTIONS



This Recall Campaign has been assigned code number **639**. After the vehicle has been checked and/or corrected, obtain a label (SD 92-417) and:

- A. Emboss your BMW center warranty number in the middle of the label (1);
- B. Punch out code number **639** (2), printed on the label; and
- C. Affix the label to the **B**-pillar as shown.

If the vehicle already has a label from a previous Service Action/Recall Campaign, affix the new label next to the old one. Do not affix one label on top of another one, because a number from an underlying label could appear in the punched-out hole of the new label.

WARRANTY INFORMATION

A prior PuMA case is required for this ActiveE repair (see the Repair Instruction in the Attachment).

The repair described in this bulletin is covered under warranty regardless of time or mileage.

Reimbursement for this Recall will be via normal claim entry utilizing the following information:

Defect Code: 85 10 02 04 EE **Claim Submission Defect Code**

A. Re-seal the Transmission Input Shaft Only

Labor Operation:	Labor Allowance:	Description:
27 00 010	Refer to KSD2	Removing and installing E-transmission
and		
27 99 000	NEW 3 FRU	Work time to inspect and re-seal transmission the input shaft

Labor operation code 27 00 010 is a Main labor operation. If you are using a Main labor code for another repair, use the Plus code labor operation 27 00 510 instead.

Even though work time labor operation code 27 99 000 ends in “000,” it is not considered a Main labor operation.

or

B. Re-seal the Transmission Input Shaft and Replace the EME

Labor Operation:	Labor Allowance:	Description:
00 00 004	Refer to KSD2	Performing “vehicle test” (with ISTA ActiveE)
and		
12 35 501	Refer to KSD2	Replacing electric machine with power electronics (including inspecting and re-sealing transmission input shaft)
and		
61 00 740	Refer to KSD2	Programming / encoding control unit(s) (not including CAS)
or		
61 00 750	Refer to KSD2	Programming / encoding control unit(s) (with CAS)
and		
27 00 800	Refer to KSD2	Initialize parking lock

Labor operation code 00 00 004 is a Main labor operation. If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 554 instead.

If a control module fails to program correctly or initializations are required, the additional work must be claimed with separate labor operations under the applicable defect code listed above; refer to KSD2

and

Wheel Alignment with Repair Procedure A or B

Labor Operation:	Labor Allowance:	Description:
32 00 595	Refer to KSD2	Wheel alignment check with KDS without load
Additionally as applicable:		
32 00 601	Refer to KSD2	Adjusting toe-in on front axle

or

32 00 610	Refer to KSD2	Adjusting toe-in and camber on front axle
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or

32 00 620	Refer to KSD2	Adjusting rear axle
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or

32 00 630	Refer to KSD2	Adjusting rear and front axle
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and

Sublet Code 4	See sublet reimbursement calculation below	Reimbursement for replacing the drained quantity of antifreeze/coolant (Bulk container reference P/N 82 14 1 467 704, one gallon container. Do not use this part number for claim submission)
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Sublet calculation: BMW antifreeze/coolant (Bulk container reference P/N 82 14 1 467 704) - refill drained quantity (50/50 mixture) at dealer net plus handling. Enter this material cost in sublet and itemize the amount in the claim comment section.

Refer to KSD2 for the corresponding flat rate unit (FRU) allowance. Enter the Chassis Number, which consists of the last 7 digits of the Vehicle Identification Number (VIN). Click on the "Search" button, and then enter the applicable flat rate labor operation in the FR code field.

ATTACHMENTS

view PDF attachment [B270113 Shaft Re-sealing](#).

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