



This Service Information bulletin supersedes SI B26 01 14 dated June 2014.

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

#### SUBJECT

**Service Action: Inspect Front Driveshaft**

#### MODEL

E70 (X5)

E71 (X6)

E72 (X6 ActiveHybrid)

#### SITUATION

The universal joints in the front driveshaft may wear out prematurely.

#### AFFECTED VEHICLES

This Service Action involves E70, E71 and E72 models produced from April 2010 to January 2011.

First check if a Service Action label with a code number **673** is already attached to the B-pillar.

If a code number **673** has been punched out, the Campaign has already been performed and no further action is necessary.

Vehicles which require this Service Action to be completed will show it as "Open" when checked either in the "Service Menu" of DCSnet (Dealer Communication System) or with the Key Reader.

#### PROCEDURE



Check the universal joints in the front driveshaft for radial play (1).  
Note: The E72 will need to have the reinforcement plate removed to check the driveshaft U-joints. Refer to Repair Instruction 31 10 010, "Removing and installing/replacing reinforcement plate."

**NEW**



### 1. Checking the front U-joint:

Hold the input flange (1) on the front differential and check for radial play in the U-joint (2). There should be no excessive play.



### 2. Checking the rear U-joint:

Hold the output flange (1) on the transfer case and check for radial play in the U-joint (2). There should be no excessive play.



### 3. Rotate the driveshaft 90° and repeat steps 1 and 2. Rotate the driveshaft another 90° and recheck for play. Rotate a total of four times (the driveshaft has now been rotated 360° total). There should be no excessive play in the U-joints.

**NEW** If no play is found in the U-joints, a visual inspection of the U-joint needle bearing seals on both front and rear U-joints will be necessary.



1. **NEW** There should be no cracking or damage at the bearing seals (1).

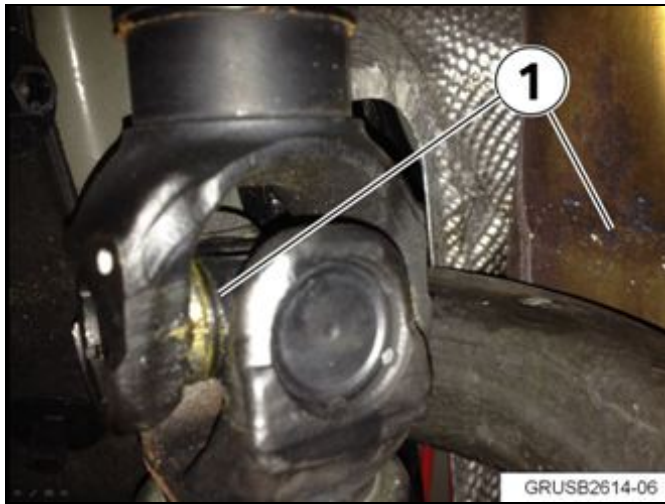


2. **NEW** There should be no exposed needle bearings (1).



3. **NEW** There should be no excessive rust at the bearing seals (1). Note: There will be rust buildup on the driveshaft and mounting flange on some driveshafts. This rust is normal. Only excessive rust on the bearing seals indicates the seal may fail.





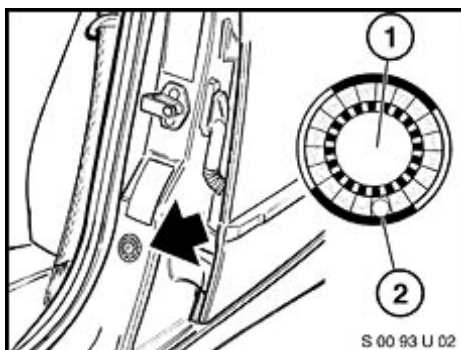
4. **NEW** Also check for excessive grease marks on the surfaces of surrounding components around the U-joints and for excessive grease released out of the bearing seals (1).

**NEW** If any of the above conditions are present, replace the driveshaft. Refer to Repair Instruction 26 20 000, "Removing and installing front propeller shaft as of 4/2010."

#### PARTS INFORMATION

Part Number	Description	Quantity
26 20 8 605 866	Front driveshaft	1
26 11 7 529 387	Outside torx screw with ribbed teeth	4
33 30 6 772 888	Hexagon screw with washer (for E72 only)	6

#### LABEL INSTRUCTIONS



This Service Action has been assigned code number **673**. After the vehicle has been checked and/or corrected, obtain a label (SD 92-431) and:

- Emboss your BMW center warranty number in the middle of the label (1);
- Punch out code number **673** (2), printed on the label; and
- Affix the label to the B-pillar as shown.

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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

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

<b>Defect Code:</b>	<b>00 26 23 01 00</b>	
<b>NEW Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
00 61 951	Refer to KSD2	Check the front driveshaft (replacement not necessary)

**NEW** Labor operation code 00 61 951 is a Plus labor operation.

Or

<b>NEW Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
00 61 952	Refer to KSD2	Check and replace the front driveshaft

**NEW** Labor operation code 00 61 952 is a Plus labor operation.

**NEW** Additional needed work and/or parts, as a result of this issue, are to be claimed using the applicable labor operations found in the KSD2 under the defect code listed above.