

February 2017 Technical Service

# **FRONT SEAT BELT: EXTENDER MALFUNCTION**

This Service Information bulletin supersedes SI B72 01 15 dated April 2015.

## MODEL

F32 (4 Series Coupe)

## UPDATE! SITUATION

Upper seat belt extender system is failing to deliver the belt and may exhibit one of the following symptoms:

- A. Seat belt is slipping off/ not being captured by the extender hand
- B. The seat belt extender hand is broken
- C. The seat belt extender hand is making noises
- D. The seat belt extender housing is broken
- E. The seat belt extender motions are erratic or illogical.

# CAUSE

- The belt extender has mechanically and/or electrically failed.
- Excessive resistance from the safety-belt reel (twisted safety belt) does not allow the belt to extend properly, causing a failure to deliver the safety belt.
- The safety belt slips off the hand due to the geometry of the safety-belt extender, which fails to catch the safety belt for delivery.

# CORRECTION

Corrective actions vary depending on the situation and may include:

• Replacement of extender hand with redesigned part. The altered geometry of the redesigned part allows more reliable capture and retention of the belt during operation.

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- Replacement of the extender.
- Diagnosis of extender with ISTA.

## PROCEDURE

For conditions that are similar to the situations described, proceed as follows:

Situation A or B- extender hand ineffective or broken

1. Verify production date of vehicle.

# Is production date of vehicle prior to November, 2014 with no indication of prior replacement of extender hand?

**YES** – Replace the original-design extender hand on both sides of the vehicle with the redesigned parts specified below following attached procedure.

NO – only replace broken part.

2. Test for proper operation of extender/ hand with seat belt.

#### Does the belt operate properly with the new part?

**YES** – Repair is complete.

**NO** – Check the seat belt for kinks or twists and replace as necessary. Replacement of the extender will not provide a solution.

Situation C or D– Extender hand making noise/Housing broken

Replace seat-belt extender following repair procedure REP 72 11 010 "Removing and installing or replacing left or right seat-belt extender".

Situation E – Extender motion irregular

1. Check operation of affected seat-belt extender

a. Enter vehicle on affected side and sit in front seat (key required on driver's side).

b. Close the front door. Seat belt extender should move out (without key, driver's extender will not function).

- c. Buckle the belt or open the door. The extender will retract.
- 2. Run diagnosis with ISTA, working through corresponding test module.

## PARTS INFORMATION

Part Number	Description	Quantity
72 11 7 352 851	Hand, belt extender, left	1
72 11 7 352 852	Hand, belt extender, right	1
915	Belt extender, left	1
916	Belt extender, right	1

### **WARRANTY INFORMATION**

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

**Situation A:** Seat belt is slipping off/ not being captured by the extender hand (Vehicles produced from June 3, 2013 to November 30, 2014)

#### **Repairing One Side**

Labor Operation:	Labor Allowance:	Description:
72 11 080	Refer to KSD2	Removing and installing or replacing manual safety-belt <b>extender hand</b> - left or right side (Main work)
Or:		
72 11 580	Refer to KSD2	Removing and installing or replacing manual safety-belt <b>extender hand</b> - left or right side

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If you are using a Main labor code for another repair, use the Plus code labor operation 72 11 580

#### **Repairing Both Sides**

Labor Operation:	Labor Allowance:	Description:
72 11 081	Refer to KSD2	Removing and installing or replacing manual safety-belt <b>extender hand</b> - left and right side (Main work)
Or:		
72 11 581	Refer to KSD2	Removing and installing or replacing manual safety-belt <b>extender hand</b> - left and right side (Plus work)

If you are using a Main labor code for another repair, use the Plus code labor operation 72 11 581 instead.

**Situation B:** The seat belt extender "hand" is broken (Vehicles with the previous style extender hand up that were produced up to and including November 30, 2014)

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#### **Repairing One Side**

Labor Operation:	Labor Allowance:	Description:
72 11 080	Refer to KSD2	Removing and installing or replacing manual safety-belt <b>extender hand</b> - left or right side (Main work)
Or:		
72 11 580	Refer to KSD2	Removing and installing or replacing manual safety-belt <b>extender hand</b> - left or right side (Plus work)

If you are using a Main labor code for another repair, use the Plus code labor operation 72 11 580

#### **Repairing Both Sides**

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Labor Operation:	Labor Allowance:	Description:
72 11 081	Refer to KSD2	Removing and installing or replacing manual safety-belt <b>extender hand</b> - left and right side (Main work)
Or:		
72 11 581	Refer to KSD2	Removing and installing or replacing manual safety-belt <b>extender hand</b> - left and right side (Plus work)

If you are using a Main labor code for another repair, use the Plus code labor operation 72 11 581 instead.

**Situation C:** The seat belt extender is making noises during operation (Vehicles with the previous style extender hand up that were produced up to and including November 30, 2014)

Defect Code: 721

#### **Repairing One Side**

Labor Operation:	Labor Allowance:	Description:
72 11 010	Refer to KSD2	Removing and installing or replacing left or right <b>seat-belt extender</b> (Main work)
Or:		
72 11 510	Refer to KSD2	Removing and installing or replacing left or right <b>seat-belt extender</b> (Plus work)

If you are using a Main labor code for another repair, use the Plus code labor operation 72 11 510

#### **Repairing Both Sides**

Labor Operation:	Labor Allowance:	Description:
72 11 011	Refer to KSD2	Removing and installing or replacing left and right <b>seat-belt extender</b> (Main work)
Or:		
		Removing and installing or

72 11 511	Refer to KSD2	replacing left and right <b>seat-belt extender</b> (Plus work)
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If you are using a Main labor code for another repair, use the Plus code labor operation 72 11 511 instead.

**Situation D:** The seat belt extender "housing" is broken (Vehicles with the previous style extender hand up that were produced up to and including November 30, 2014)

#### **Repairing One Side**

Labor Operation:	Labor Allowance:	Description:
72 11 010	Refer to KSD2	Removing and installing or replacing left or right <b>seat-belt extender</b> (Main work)
Or:		
72 11 510	Refer to KSD2	Removing and installing or replacing left or right <b>seat-belt extender</b> (Plus work)

If you are using a Main labor code for another repair, use the Plus code labor operation 72 11 510

#### **Repairing Both Sides**

Labor Operation:	Labor Allowance:	Description:
72 11 011	Refer to KSD2	Removing and installing or replacing left and right <b>seat-belt extender</b> (Main work)
Or:		
72 11 511	Refer to KSD2	Removing and installing or replacing left and right <b>seat-belt extender</b> (Plus work)

If you are using a Main labor code for another repair, use the Plus code labor operation 72 11 511 instead.

Refer to KSD2 for the corresponding flat rate unit (FRU) allowance.

Situation E: The seat belt extender is does not move at all or functions incorrectly/erratically

For situation "E," this Service Information bulletin provides technical, diagnostic and/or repair-

related information.

If performing the ISTA diagnostics and related test plans results with eligible and covered work, claim this work with the applicable defect code and labor operations listed in KSD2 in conjunction with applying the established and applicable warranty policy and procedures.

## **ATTACHMENTS**

View PDF attachment **B720115\_Repair Procedure**.

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