



Please perform the procedure outlined in this Service Information on all affected vehicles before customer delivery. In the event the customer has already taken delivery of the vehicle, please perform the procedure the next time the vehicle is in the shop.

#### SUBJECT

**Service Action: Retrofit Universal Garage Door Opener Mirror**

#### MODEL

F22 (2 Series Coupe)

Produced from July 1, 2015 to August 26, 2015

#### SITUATION

Vehicles were built without the Universal Garage Door Opener (UGDO) Mirror and are missing option code 319 (Integrated universal remote control) from the vehicle order.

#### AFFECTED VEHICLES

This Service Action affects F22 vehicles produced from July 1, 2015 to August 26, 2015.

Vehicles requiring the retrofit will display the following "Vehicle Comment" In the DCSnet "Warranty Vehicle Inquiry:

**Universal Garage Door Opener Mirror retrofit repair (option code SA319) applies to this vehicle, please see SI B51 31 15. If this vehicle already had the retrofit repair performed, no further action is required.**

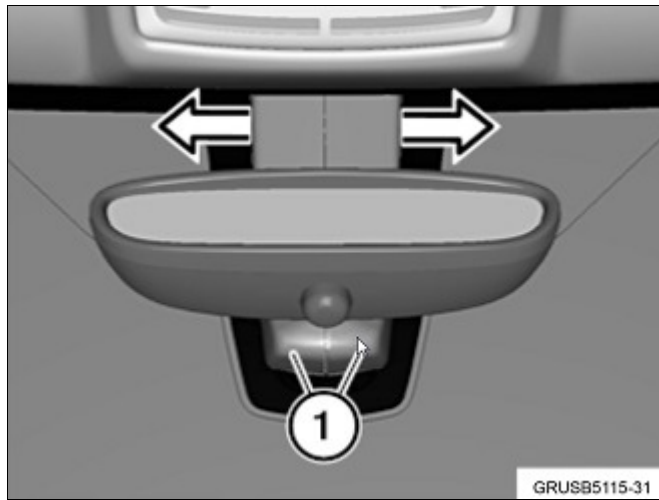
#### CORRECTION

1. Replace mirror with UGDO option installed.
2. Load modified VO and code vehicle.

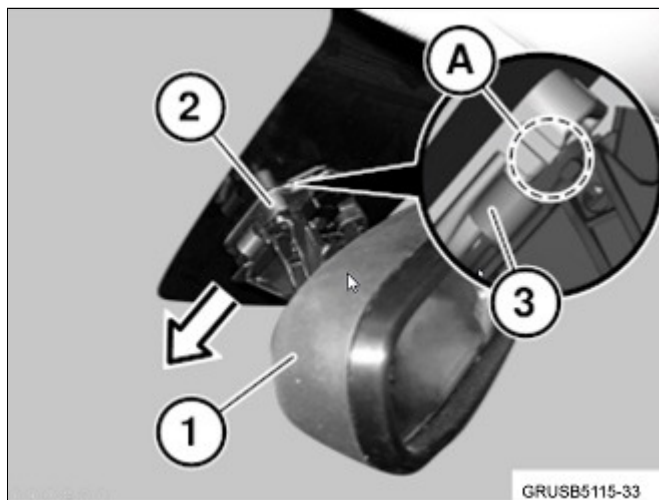
#### PROCEDURE

1. Obtain replacement rear view mirror (part number supplied below).
2. Install new mirror following REP 51 16 063 "Removing and installing/replacing interior mirror" or procedure that follows here.

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Unclip end caps (1) using a suitable tool and remove in direction of arrows.



### Important!

When removing mirror base, never turn or disengage towards front or rear. Interior mirror is held by clamp (3) and latch mechanism in area (A) on mirror base (2).

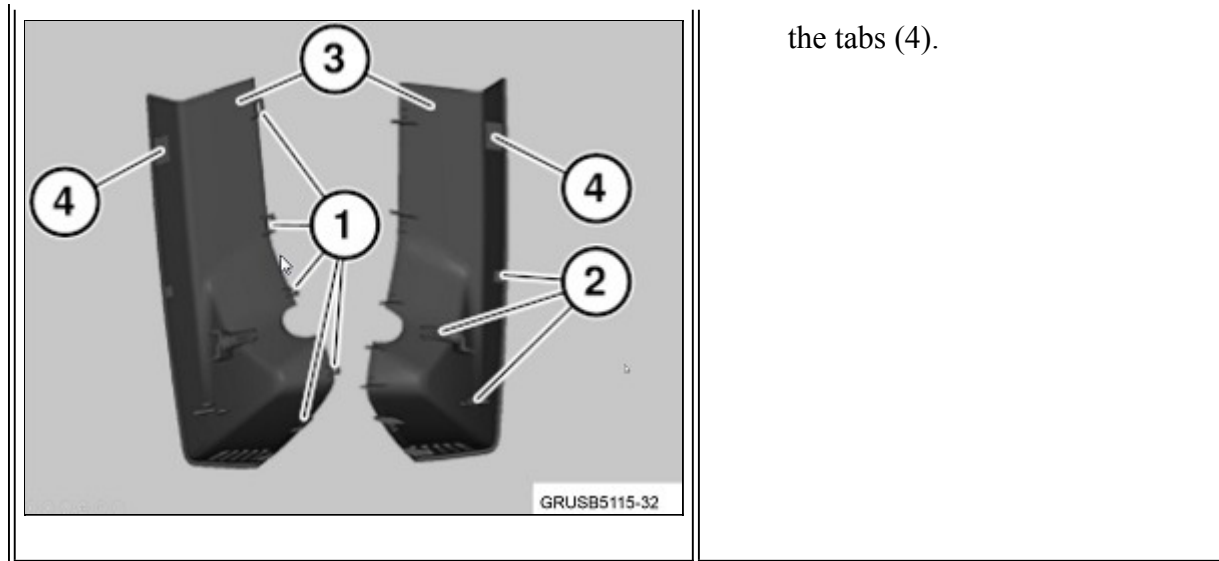
- If necessary, disconnect plug connection on inside mirror (1).
- With a sharp downward motion, parallel to windshield, pull inside mirror (1) off of mirror socket (2).

### Installation note:

- Retaining clips (3) must not be bent or damaged.
- Interior mirror (1) must engage correctly in mirror base (2) in area (A).

### Installation note:

- Latch mechanisms (1) and guides (2) on both end caps (3) must not be damaged.
- For end caps (3) with tabs (4), the spacers must be bonded onto



the tabs (4).

3. To perform the retrofit after installation submit a Puma case titled "F22 UGDO Retrofit Mirror" requesting a modified Vehicle Order (VO) with option code SA319.
4. Connect the vehicle to ISTA/P, import the modified the vehicle order then perform a complete vehicle encoding.
5. Check operation and function.

**Always connect a BMW approved battery charger/power supply ([SI B04 23 10](#))**

#### PARTS INFORMATION

Part Number	Description	Quantity
51 16 9 345 386	Rearview mirror EC / LED / UDGO / Compass	1

#### WARRANTY INFORMATION

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

<b>Defect Code:</b>	<b>85 10 02 80 BV</b>
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#### With Programming and Encoding

Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults)
And:		
61 21 528	Refer to KSD2	Connect an approved battery charger/power supply(indicated in KSD2 as "Charging battery")
And:		

51 16 563	Refer to KSD2	Removing and installing or replacing inside mirror
And:		
61 00 730	Refer to KSD2	Programming / encoding control unit(s)

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead.

Or:

### **Programming and Encoding Performed with another Repair**

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
51 16 563	Refer to KSD2	Removing and installing or replacing inside mirror

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

### **Vehicle Programming and Coding**

If a control module was working properly and it fails to program correctly or requires initialization, please claim this additional work with the applicable KSD2 labor operations under the defect code listed above.

The diagnosis and repair of vehicles “arriving” with failed control modules or stored faults which will cause them to fail during programming cannot be claimed under the defect code listed in this bulletin.

### **Other Repairs**

If other eligible and covered work is performed “prior” to programming and coding the vehicle, claim this work with the applicable defect code and labor operations listed in KSD2.

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