



## REAR TAIL LIGHT FAILURE

**MODEL**

F30 (3 Series Sedan)	F31 (3 Series Sport Wagon)	F32 (4 Series Coupe)	F33 (4 Series Convertible)
F34 (3 Series Gran Turismo)	F36 (4 Series Gran Coupe)	F80 (M3 Sedan)	F82 (M4 Coupe)
F83 (M4 Convertible)			

**Situation**

- Exterior rear lights do not work.
- This failure can affect either or both sides of the vehicle.

**CAUSE**

Burnt pin in connector from wiring harness to rear lamp assembly bulb holder.

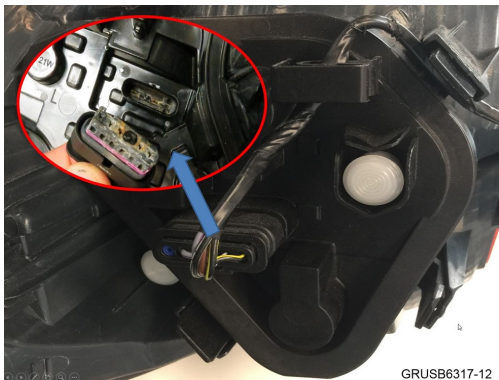
**CORRECTION**

Replace bulb holder and wiring harness connector, if damaged.

**Procedure**

For conditions that are similar to the situation described:

1. Remove the rear light from the vehicle according to REP 63 21 260 Removing and installing (replacing) left, rear light (on side wall).
2. Disconnect the plug from the wiring harness to the affected rear light assembly.



3. Inspect the condition of the pins on the harness connector and on the bulb holder.  
**Do any of the pins appear to be burnt?**

**YES-** replace the bulb support according to REP 63 21 030 Removing and installing/replacing left socket housing for rear light (on side wall) and wiring harness connector then go to Step 4.

**NO** – continue diagnosis with the assistance of ISTA.

Note: Without damage affecting its operation, the rear light should not be replaced.

4. Repeat procedure from Step 1 on the other side of the vehicle for the connectors of the other rear light assembly.

**PARTS INFORMATION**

Part Number	Description	Quantity
Refer to ETK	Bulb socket, rear light side panel, left	1
And / or		
Refer to ETK	Bulb socket, rear light side panel, left	1
61 13 2 359 993	Rep. kit for socket housing	As needed
12 52 7 545 858	Terminal socket MCON 1.2 ELA	As needed
61 13 8 366 245	Sealing grommet	As needed

**Warranty Information**

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the applicable BMW Certified Pre-Owned Programs that include this item.

<b>Defect Code:</b>	<b>6321027900</b>	
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### Left or Right Side

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
63 21 030	Refer to KSD2	Removing and installing or replacing bulb holder housing for left tail light (Main work)
Or:		
63 21 530	Refer to KSD2	Removing and installing or replacing bulb holder housing for left tail light (Plus work)
And, as necessary:		
61 00 009	Work time (WT)	Troubleshooting electrical/electronic
And, as necessary:		
61 99 000	2 FRU	Work time for repairing connector and terminal in one side

If you are using a Main labor code for another repair, use the Plus code labor operation 63 21 530 instead of 63 21 030.

Or:

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>
63 21 040	Refer to KSD2	Removing and installing or replacing bulb holder housing for right tail light (Main work)
Or:		
63 21 540	Refer to KSD2	Removing and installing or replacing bulb holder housing for right tail light (Plus work)
And, as necessary:		
61 00 009	Work time (WT)	Troubleshooting electrical/electronic
And, as necessary:		
61 99 000	2 FRU	Work time for repairing connector and terminal in one side

If you are using a Main labor code for another repair, use the Plus code labor operation 63 21 540 instead of 63 21 040.

Or:

### Both Sides

<b>Labor Operation:</b>	<b>Labor Allowance:</b>	<b>Description:</b>

63 21 050	Refer to KSD2	Removing and installing or replacing both bulb holder housing for tail light (Main work)
Or		
63 21 545	Refer to KSD2	Removing and installing or replacing both bulb holder housing for tail light (Plus work)
And, as necessary:		
61 00 009	Work time (WT)	Troubleshooting electrical/electronic
And, as necessary:		
61 99 000	4 FRU	Work time for repairing connector and terminal in one side

If you are using a Main labor code for another repair, use the Plus code labor operation 63 21 545 instead of 63 21 050.

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

Work time labor operation code 61 00 009 and 61 99 000 are not considered a Main labor operations, additionally:

- 61 00 009 requires an individual punch time and an explanation on the repair order and in the claim comments section; and for
- 61 99 000, since the “work time” FRU allowance to be claimed is specified, a separate punch time is not required.