

SB-10044026-6395SI B63 02 12
LightsApril 2012
Technical Service**SUBJECT****Heavy Condensation in Xenon Headlights****MODEL**

F25 (X3)

Vehicles produced from August 31, 2010 to May 26, 2011

Only vehicles with option 522 (Xenon light) and 524 (Adaptive head lights)

SITUATION

In heavy rain conditions or high humidity, condensation may build up inside one or both headlight (s). The condensation is still present even after a few dry days.

CAUSE

Ventilation openings in the headlight assembly allow humidity inside the headlight(s). Condensation forms when the temperature changes.

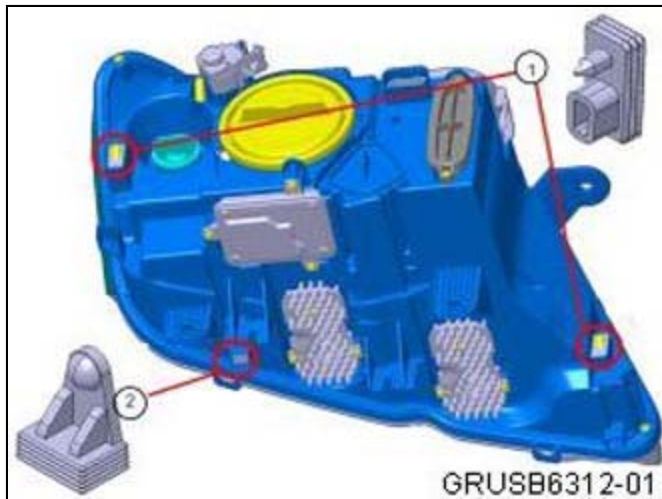
PROCEDURE

1. Inspect both headlights for condensation damage. Replace the affected headlight(s) that are permanently stained (cloudy).

Note: Before installing the new replacement headlight(s), check to see if the ventilation openings are plugged (refer to step 4 below). If not, install the ventilation plugs (refer to step 5 below).

If one or both headlights do not have permanent damage, proceed to step 2.

2. Remove the affected headlight(s). Refer to Repair Instructions in ISTA (Integrated Service Technical Application) and REP 63 12 010 "Remove and installing or replacing left headlight (Xenon headlight)" and REP 63 12 012 "Remove and installing or replacing right headlight (Xenon headlight)."
3. Remove the cover on the rear of the headlight and allow the headlight to dry out. You can use dried compressed air or warm air.
 4. The photo shows the three ventilation opening areas.
 5. Install the new plugs (1) in the 2 upper holes with P/N 7 324 544, as shown in the photo.
 6. Install a new plug (2) in the



lower hole with P/N 7 324 545.

7. Perform this on the other side if necessary.
8. Reassemble the vehicle.

PARTS INFORMATION

Part Number	Description	Quantity
63 12 7 324 545	Plug	1
63 12 7 324 544	Plug	2

The Parts are limited; please do not over stock Parts. Parts are not returnable (less than \$10.00)

Or

Refer to ETK	AHL-Xenon headlight left	1
Refer to ETK	AHL-Xenon headlight right	1

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle/SAV Limited Warranty.

Defect Code: 63 12 02 48 00

Xenon Headlights -Option Code 522 (Also see Item "G")

A. Repairing Both Sides

Labor Operation:	Labor Allowance:	Description:
63 12 026	Refer to KSD2	Removing and installing both Xenon headlights (Main)
or		
63 12 826	Refer to KSD2	Removing and installing both Xenon headlights (plus)

B. Replacing Both Sides

Labor Operation:	Labor Allowance:	Description:
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63 12 027 Refer to KSD2 Replacing both Xenon headlights (Main)
or

63 12 827 Refer to KSD2 Replacing both Xenon headlights (Plus)

C. Repairing One Side and Replacing Other Side

Note: Select “one Main and one Plus” or “Plus and Plus - vehicle already in the workshop” labor operations that applies to the work performed.

Labor Operation:	Labor Allowance:	Description:
63 12 010	Refer to KSD2	Removing and installing Xenon headlight, left (Main)

or

63 12 520	Refer to KSD2	Removing and installing Xenon headlight, left (Plus)
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Labor Operation:	Labor Allowance:	Description:
63 12 011	Refer to KSD2	Replacing Xenon headlight, left (Main)

or

63 12 521	Refer to KSD2	Replacing Xenon headlight, left (Plus)
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Labor Operation:	Labor Allowance:	Description:
63 12 012	Refer to KSD2	Removing and installing Xenon headlight, right (Main)

or

63 12 522	Refer to KSD2	Removing and installing Xenon headlight, right (Plus)
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Labor Operation:	Labor Allowance:	Description:
63 12 013	Refer to KSD2	Replacing Xenon headlight, right (Main)

or

63 12 523	Refer to KSD2	Replacing Xenon headlight, right (Plus)
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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.

Adaptive Cornering Light - Option Code 524 (Also see Item “G”)

D. Repairing Both Sides

Labor Operation:	Labor Allowance:	Description:
63 12 029	Refer to KSD2	Removing and installing both Adaptive Cornering Light headlights (Main)
or		
63 12 829	Refer to KSD2	Removing and installing both Adaptive Cornering Light headlights (plus)

E. Replacing Both Sides

Labor Operation:	Labor Allowance:	Description:
63 12 030	Refer to KSD2	Replacing both Adaptive Cornering Light headlights (Main)
or		
63 12 830	Refer to KSD2	Replacing both Adaptive Cornering Light headlights (Plus)

F. Repairing One Side and Replacing Other Side

Note: Select “one Main and one Plus” or “Plus and Plus - vehicle already in the workshop” labor operations that applies to the work performed.

Labor Operation:	Labor Allowance:	Description:
63 12 015	Refer to KSD2	Removing and installing Adaptive Cornering Light headlight, left (Main)
or		
63 12 527	Refer to KSD2	Removing and installing Adaptive Cornering Light headlight, left (Plus)

Labor Operation:	Labor Allowance:	Description:
63 12 016	Refer to KSD2	Replacing Adaptive Cornering Light headlight, left (Main)
or		
63 12 528	Refer to KSD2	Replacing Adaptive Cornering Light headlight, left (Plus)

Labor Operation:	Labor Allowance:	Description:
63 12 017	Refer to KSD2	Removing and installing Adaptive Cornering Light headlight, right (Main)
or		
63 12 529	Refer to KSD2	Removing and installing Adaptive Cornering Light headlight, right (Plus)

Labor Operation:	Labor Allowance:	Description:
63 12 018	Refer to KSD2	Replacing Adaptive Cornering Light headlight, right (Main)

or

63 12 530	Refer to KSD2	Replacing Adaptive Cornering Light headlight, right (Plus)
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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.

G. Additional Work as Applicable (Items “A” through “F”)

Labor Operation:	Labor Allowance:	Description:
63 00 009	1 FRU	Work time to install new plugs on one headlight assembly

or

63 00 009	2 FRU	Work time to install new plugs on both headlight assemblies
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Labor Operation:	Labor Allowance:	Description:
63 99 000	WT	Work time to remove condensation with compressed or warm air

Work time labor operation code 63 00 009 and 63 99 000; as described above, are not considered Main labor operations.

Work time (WT) labor operation 63 99 000 – requires an individual punch time.

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