



SERVICE ACTION: TARGETED ILLUMINATION – REPROGRAM CONTROL UNITS

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.

MODEL

F16 (X6)	F85 (X5 M)
Only Vehicles with option code: 05A3 "BMW Night Vision with Dynamic Light"	

AFFECTED VEHICLES

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

SITUATION

Affected vehicles need to have control units reprogrammed.

CCM (Check Control Message) "Dynamic Light Spot has failed" for left or right side.

CAUSE

Stepper motors in the targeted illumination headlights can become non-functional at their stop limit.

CORRECTION

- Reprogram vehicle if there is no CCM
- If CCM is present Dynamic Light Spot has failed then replace headlight, selective illumination when necessary.

PROCEDURE

1. Perform diagnosis with the latest version of ISTA
2. Check for the presence of CC Message "Dynamic Light Spot has failed".

Is specified CCM displayed?

YES– determine which target illumination headlight is affected and replace it. Then go to Step 3.

NO – go to Step 3.

3. Program the vehicle using ISTA/P 3.60.2 or ISTA NEXT 4.02.30 or higher.

Note that ISTA/P and ISTA NEXT will automatically reprogram and code all programmable control modules that do not have the latest software.

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

For information on programming and coding with ISTA/P, refer to CenterNet / TIS / Technical Documentation / Diagnostics and Programming / Programming Documentation.

PARTS INFORMATION

NOTE: Only where necessary with CCM is present. Part needs to be order.

Part Number	Description	Quantity
63 11 7 494 865	Left targeted illumination headlight	1
And/or:		
63 11 7 494 866	Right targeted illumination headlight	1

WARRANTY INFORMATION

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

Defect Code:	0063460100
---------------------	-------------------

Checking: Programming and Coding only

Labor Operation:	Labor Allowance:	Description:
00 64 811	9 FRU	Specified "Check Control Message" is not displayed, perform programming and coding only (includes connecting an approved battery charger/power supply and performing a vehicle test) (Plus work)
Or:		
		Specified "Check Control Message" is not displayed and the programming and coding was performed previously in conjunction with another campaign

00 64 815	3 FRU	or repair (vehicle is already at the specified "Target" integration level or higher, no repair is necessary) (Plus work)
-----------	-------	--

Or:

Repairing One Side with Programming and Coding

Labor Operation:	Labor Allowance:	Description:
00 64 812	14 FRU	Specified "Check Control Message" is displayed, replace left headlight (includes aiming headlights) and programming and coding (includes connecting an approved battery charger/power supply and performing a vehicle test) (Plus work)
Or:		
00 64 813	19 FRU	Specified "Check Control Message" is displayed, replace right headlight (includes aiming headlights) and programming and coding (includes connecting an approved battery charger/power supply and performing a vehicle test) (Plus work)

Or:

Repairing Both Sides with Programming and Coding

Labor Operation:	Labor Allowance:	Description:
00 64 814	20 FRU	Specified "Check Control Message" is displayed, replace both headlights (includes aiming headlights) and programming and coding (includes connecting an approved battery charger/power supply and performing a vehicle test) (Plus work)

Vehicle Programming and Coding

When ISTA/P automatically reprograms and codes all the vehicle's control modules that "currently do not have" the latest software and if one or more control module failures occur "during" this programming procedure:

- Please claim this “consequential” control module-related repair work under the defect code listed in this bulletin with the applicable KSD2/AIR labor operations.

Other Repairs

Control module failures that occurred “prior” to performing this programming procedure:

- When “covered” under an applicable limited warranty, claim this control module-related repair work using the applicable defect code and labor operations in KSD2/AIR.

[Copyright ©2017 BMW of North America, Inc.]