| SI B63 06 12 | December 2012 |
| Lights | Technical Service |

SUBJECT
Check Control Message "Adaptive Headlights Failed"

MODEL
F30

Vehicles produced from October 31, 2011 to August 30, 2012 with option code 524 AHL (Adaptive Headlights)

SITUATION
The Check Control message "Adaptive Headlights Failed" is displayed in the Central Information Display (CID). All headlights are functioning properly.

One or more of the following fault codes are stored in the FEM (Front Electronic Module):

- 0x8041BA - Adaptive headlight (AHL): system defective

- 0x8041F8 - Right headlight driver module (HDM): AHL error

- 0x8041FB - Left headlight driver module (HDM): AHL error

CAUSE
Software error in the (HDM) Headlight Driver Module

PROCEDURE
Do not replace parts.

1. Perform a vehicle test using ISTA and diagnose the faults listed above related to the FEM. If the test plan does not lead to the cause of the problem (no problem found), proceed to the next step.

    Note: When the ISTA system message displays: Battery voltage only "XX.XX" V. Please connect charger. Note the displayed battery voltage reading in the repair order comments section

2. Program the vehicle using ISTA/P 2.48.1 or later.

    New integration level: F020-12-11-502 or higher

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

    For information on programming and coding with ISTA/P, refer to CenterNet / Aftersales Portal / Service / Workshop Technology / Vehicle Programming.

WARRANTY INFORMATION
Covered under the terms of the BMW New Vehicle/SAV Limited Warranty or the BMW Certified Pre-Owned Program.

Defect Code: **63 12 26 12 00**

Labor Operation:	Labor Allowance:	Description:
00 00 006	Refer to KSD2	Performing "vehicle test" (with vehicle diagnosis system – checking faults)

and if necessary, also

61 21 528	Refer to KSD2	Charging battery

and

61 00 730	Refer to KSD2	Programming/encoding control unit(s)

Labor operation code 00 00 006 is a Main labor operation. If you are using a Main labor code for another repair; use the Plus code labor operation 00 00 556 instead.

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.

If a control module fails to program correctly or initializations are required, the additional work must be claimed with separate labor operations under the defect code listed above, refer to KSD2.

Other Repairs

As outlined in the Procedure section, if performing ISTA diagnostics and related test plans results in other eligible and covered work, claim this work with the applicable defect code and labor operations listed in KSD2.

Note: Please follow any TeileClearing (TC) or Diagcode (DC) requirements that may apply to this additional work.