



Technical Bulletin

Condition

- Headlight range control warning is ON in driver information display. After cycling the ignition, warning symbol is OFF again.
- A sporadic DTC (01771 – Control module for vertical headlight aim control system –J431– implausible signal) is set in the Headlight Range Control Module.

The adaptive lighting system functions properly otherwise.

94 06 02 Jun. 7, 2006, 2011041, Supersedes Technical Bulletin Group 94 number 06-01 dated May 24, 2006 due to updated table information.

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
A4	2005 > 2006	All	All	8E_5_400000	8E_6_114076
A6	2005 > 2006	All	All	4F_5_000001	4F_6_104999

Technical Background

Communication between Headlight Range Control Module and both Headlight Power Output Stages is briefly interrupted.

Production Solution

New Control Module Part No: 4F0 907 357E with updated software 4F0 910 357E is installed. Always check with your Parts Dept. for the latest parts information.

Service

Check, and if necessary, update software of Headlight Range Control Module as follows:

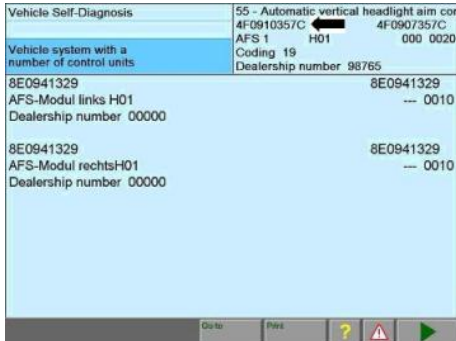
Parts replacement is not permitted, replaced parts will be redebited.

Update – Programming procedure, checking software level

- Select *Vehicle Self Diagnosis >> 55 - Automatic vertical headlight aim control*



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Similar screen appears.

- Check suffix following software part number (arrow).
- If software level suffix is already “E”, **DO NOT** continue with this bulletin. Update – Programming is not necessary. Further diagnosis is required for condition.
- If the hardware part number is 4F0 907 357 or 4F0 907 357A the module cannot be flashed and must be replaced. **DO NOT** continue with this bulletin.
- If software level suffix is “C”, perform Update – Programming procedure as follows:

Update – Programming procedure, performing

- Select *Vehicle Self Diagnosis >> 55 - Automatic vertical headlight aim control >> Update Programming* (Update CD 4F0 906 961 N must be in the disk drive of the diagnostic tester).
- After the forward arrow is pressed the Software will begin to load. **DO NOT** interrupt vehicle or tester during process.
- After several minutes, download is complete and the ignition must be cycled. There will be DTC's for “Control unit not coded” and “no or incorrect basic setting”. Exit *Vehicle Self Diagnosis* mode.

Update – Programming procedure, performing coding and basic settings

- Select *Guided Functions >> 55 - Dynamic Headlight Range Control with AFS >> J431 - Headlight Range Ctrl.Mo., coding* to code the module and perform basic settings.

Warranty

When procedure applies to vehicles within the New Vehicle Limited Warranty, use the following:			
Claim Type:	W2		
Part Identifier:	9498		
Damage Code:	9498 40 HLO 1		
Labor Operations:	9498 2599	Update Headlight Range Control Module Software	20 TU
Diagnostic Time:	Diagnostic time reimbursement follows guidelines printed in Section 2.2 of the <i>Audi Warranty Policies and Procedures Manual</i>		
Claim Comment:	As per TSB #2011041		
All warranty claims submitted for payment must be in accordance with the Audi Warranty Policies and Procedures Manual. Claims are subject to review or audit by Audi Warranty.			



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Required Parts and Tools

Update CD Part/Literature No: 4F0 906 961 N (indicated on CD).



Tip: Update CD Part / Literature No: 4F0 906 961 N has been provided to dealers free of charge with Audi Technical Bulletin 96-05-01 "Engine Does Not Start / Intermittent No Start Using Advance Key Start Button, Starts w/ Key & Ignition Switch".

Additional copies of the Update CD may be ordered from the Audi Technical Literature Ordering Center at www.audi.ddsltd.com, or by calling 1-800-544-8021 from 8:00 a.m. to 8:00p.m. EST Monday through Friday. This number can be dialed in both the United States and Canada.

All part and service references provided in this TSB are subject to change and/or removal. Always check with your Parts Dept. and service manuals for the latest information.