



Audi

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Technical Bulletin

Subject: Light Sensor Warning Light ON Intermittently

Group: 94

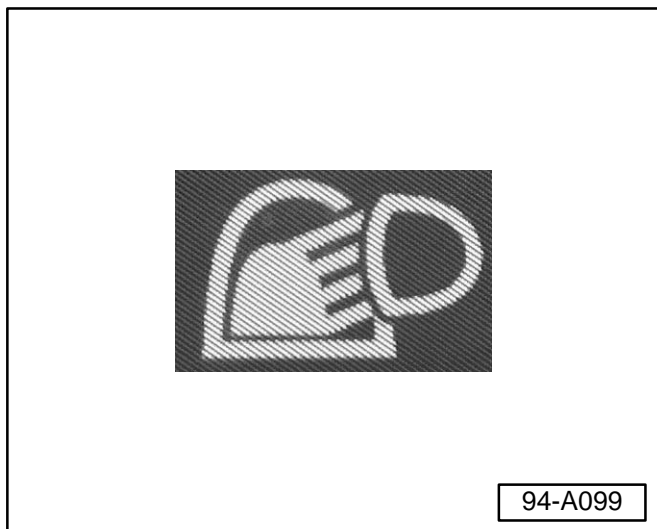
Number: 05-01

Model(s): A4/S4 & A4/S4 Cabriolet with
Automatic Exterior Headlights

2004 ► 2005

Date: Jan. 27, 2005

Supersedes T.B. Group 94 number 04-02 dated Aug. 12, 2004 due to approval of service solution.



Condition

◀ Customer concern about automatic headlight instrument cluster warning light illuminating for 1 second accompanied with a short beep.

Condition only occurs when headlight switch is in AUTO position.

DTC "P2104/29 - G399 short to ground sporadic" is usually stored in vehicle electrical system control module -J519-.



Tip:

Above DTC may be erased if fault does not occur again within 40 driving cycles.

Service

Check for above DTC as follows:

- Connect VAS 5051/5052 diagnostic tool.
- From Start-up screen, select "Vehicle Self-Diagnosis".
- Select vehicle system "09 - electronic central electrics".
- Select diagnosis function "02 - Interrogate fault memory".

If DTC "P2104/29 -G399- short to ground sporadic" is stored in memory:



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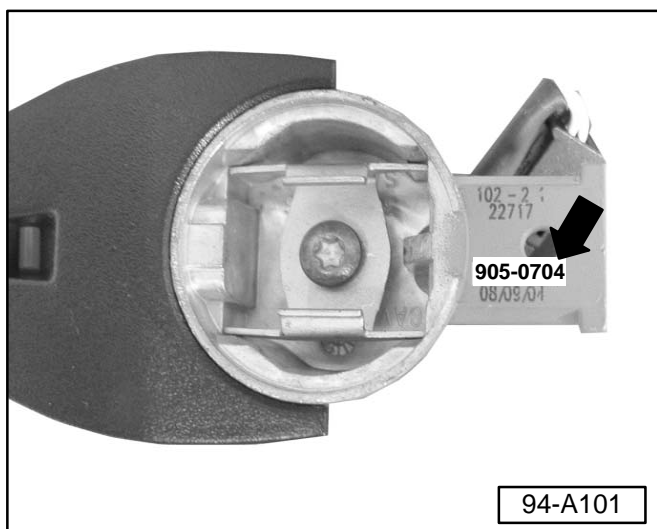
- Replace interior rear view mirror (Part No. 8E0 857 511B*). See Repair Manual, Group 68, Interior Equipment, *Interior rear view mirror, removing (automatic day/night mirror, interior rear view mirror with compass)*.

*) Add color code: 4PK - Soul Black (A4, A4 Cabrio);
E59 - Light Platinum (A4); F77 - Light Aqua (A4);
1RS - Twist (A4);

! **Note:**

Part numbers listed in this bulletin are for reference only. Always check with your Parts Dept. for the latest parts information.

- Erase DTC using “05 - Erase fault memory”.
- Proceed to “Check Operation of Automatic Headlights” (See Page 3).



If DTC “P2104/29 - G399 short to ground sporadic” is not stored in memory:

- Remove interior rear view mirror.

◀ – Check supplier Part No. -arrow-.

If supplier Part No. is 905-0617, 905-0702, 905-0704 or 905-0706.

- Replace interior rear view mirror.
- Proceed to “Check Operation of Automatic Headlights” (See Page 3).

If supplier Part No. is 905-1028, 905-1029, 905-1030 or 905-1031:

- Further diagnosis of automatic headlight system is necessary. DO NOT complete this Technical Bulletin.



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94-A102

Automatic Headlight Operation, checking

- ◀ – Place headlight switch in “AUTO” position.



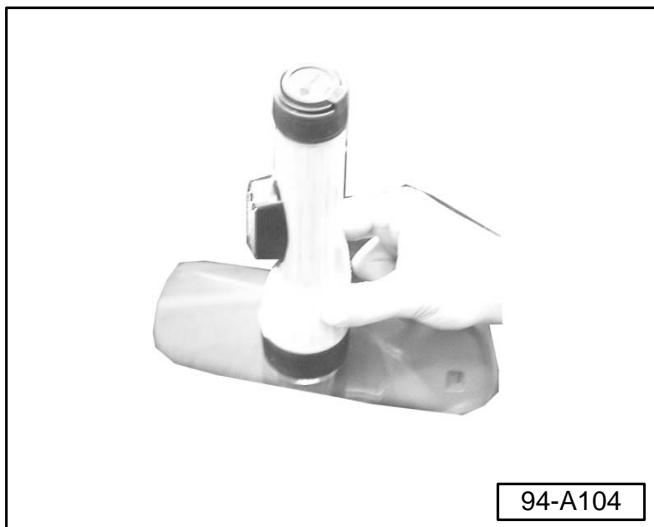
94-A103

- ◀ ♦ Light sensor is located in base of inside rearview mirror (arrow).



Tip:

Mirror should be in installed position for the next step.



94-A104

- ◀ – Place flashlight on windshield over light sensor.
- ♦ Headlights should turn OFF in 15 seconds.
- If headlights do not turn OFF in 15 seconds:
 - Further diagnosis of automatic headlight system is necessary.
- If headlights turn OFF in 15 seconds:
 - ♦ System is operating properly.
 - Calibrate compass by driving slowly in a circle 1-2 times.



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When procedure applies to vehicles within the New Vehicle Limited Warranty, use the following:

Part Identifier:	6827
Damage Code:	6827 39 RS0 2
Labor Operation:	01320021 20 TU
Technical Diagnosis:	
Labor Operation:	68271900 20 TU
Replacing & calibrating interior mirror:	