



# Technical Service Bulletin

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## 94 LED daytime running light does not work on one side (DTC 02895, 02897)

94 17 85 2032338/3 February 13, 2017. Supersedes Technical Service Bulletin Group 94 number 13-18 dated May 23, 2013 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
A4/S4	2013	000001-131539	Xenon Headlights
A5/S5	2013	000001-029369	Xenon Headlights
RS 5	2013	000001-901308	Xenon Headlights
A5 cabriolet	2013	000001-005943	Xenon Headlights

## Condition

REVISION HISTORY		
Revision	Date	Purpose
3	-	Revised <i>Warranty</i> (Updated Labor Operations)
2	-	Revised <i>Technical Background</i> (Added images) Revised <i>Service</i> (Clarification) Revised <i>Warranty</i> (Added new labor operations) Revised header data (Added DTC codes)
1	1/18/2013	Initial publication

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- The LED daytime running light in a single headlight does not work (Figure 1). The issue must be repeatable at the workshop.



*Figure 1. Driver's side LED DRL inoperative.*

One of the following DTCs must be present in the Electronic Central Electrics Module, J519 (address word 0009):

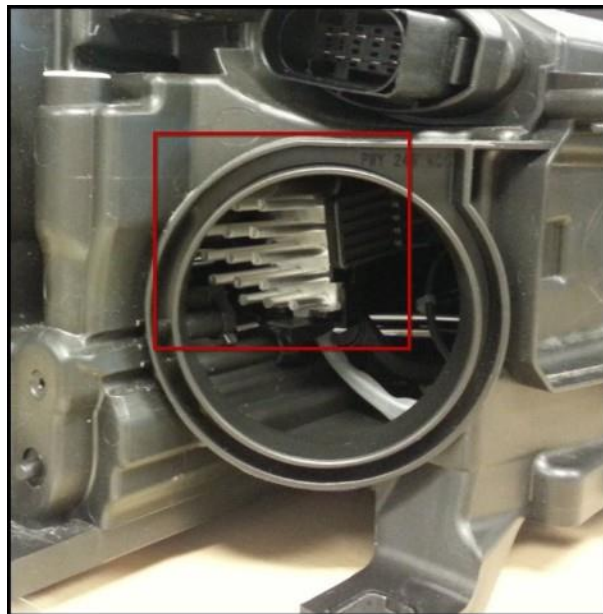
- **DTC 02895** (Left LED module daytime running lights and parking, supply – Electrical fault in circuit)
- **DTC 02897** (Right LED module daytime running lights and parking, supply – Electrical fault in circuit)
- Only vehicles with xenon headlights are affected.

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## Technical Background

The LED Parking Lamp/Daytime Running Lamp module (LED module), L176/L177 (Figure 2), or the wiring to the LED module, is damaged during headlight assembly at the supplier.



**Figure 2.** LED Parking Lamp/Daytime Running Lamp module (LED module), L176/L177

Additionally, water can enter through an adjustment screw at the top of the headlight, causing damage to the Daytime Running Lamp and Parking Lamp control module (DRL control module), J860/J861 (Figure 3).



**Figure 3.** Daytime Running Lamp and Parking Lamp control module (DRL control module), J860/J861



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## Production Solution

The holding tool, which is used during the installation of the LEDs into the headlight, was improved. The headlight adjustment screw was optimized to the headlight housing.

## Service

1. Remove the DRL control module of the affected side. Inspect the female connectors located inside of the headlight and inspect the male connectors located on the DRL control module:

If water and/or corrosion *are* found inside of the DRL control module (male connector side):

- Replace the headlight.
- Replace the DRL control module.
- Inspect the HID Gas Discharge Lamp control module, J343/344. Replace the module if water and/or corrosion are found.
- Inspect the Headlamp Power Output State/Adaptive Headlight control module, J667/J668, if equipped. Replace the module if water and/or corrosion are found.
- Proceed to step 2.

If water and/or corrosion *are not* found inside of the DRL control module, and there are no loose or damaged connectors, swap the DRL control modules between headlights to see if the issue follows the control module:

- If the issue follows the control unit, replace the affected DRL control module only. Refer to *ElsaPro >>Repair Manual>>Electrical System>>Electrical Equipment>>94 Exterior Lights, Switches>>Removal and Installation>>HID Headlamp, from MY 2013>> Daytime Running Lamp and Parking Lamp Control Module -J860-/-J861-*.

If the issue stays with the headlight assembly, check for bent pins and/or damaged connectors on the headlight:

- If bent pins and/or damaged connectors *are* found, replace as necessary.
- If bent pins and/damaged connectors *are not* found, replace the headlight assembly, then reinstall the original control modules and bulbs into the new replacement headlight assembly. Refer to *ElsaPro >>Repair Manual>>Electrical System>>Electrical Equipment>>94 Exterior Lights, Switches>>Removal and Installation>>HID Headlamp, from MY 2013>>Headlamp*.
- Proceed to step 2.



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**Tip:** The ElsaPro Repair Manual section labeled “LED Parking Lamp/Daytime Running Lamp Modules L176/L177” refers to the actual LED module located inside of the headlamp. This module contains the LEDs which are mounted on a circuit board with heat-sink. Starting with MY13, this module cannot be replaced.

2. Adjust headlights after installing them back into the vehicle. Refer to *ElsaPro >>Repair Manual>>Electrical System>>Electrical Equipment>>94 Exterior Lights, Switches>>Diagnosis and Testing>>HID Headlamp, Adjusting*.
3. Adjust the adaptive cruise control (ACC) system, if equipped. Refer to *ElsaPro >>Repair Manual>>Chassis>>Suspension, Wheels, Steering>>44 Wheels, Tires, Wheel Alignment>>Diagnosis and Testing>>Adjustment Procedure Using ACC Setting Device VAS 6190 or 6430*.

## Warranty

<b>Claim Type:</b>	<ul style="list-style-type: none"> <li>• 110 up to 48 Months/50,000 Miles.</li> <li>• G10 for CPO Covered Vehicles – Verify Owner.</li> <li>• If vehicle is outside any warranty, this Technical Service Bulletin is informational only.</li> </ul>		
<b>Service Number:</b>	9415 Headlight		
<b>Damage Code:</b>	0040		
<b>Labor Operations:</b>	Front bumper cover removed + reinstalled	6329 1900	70 TU
	Radar sensor adjust ( <i>if equipped</i> )	9163 1550	30 TU
	1 Headlight assembly removed + reinstalled	9415 5550	20 TU
	2 Headlight assembly removed + reinstalled	9415 5650	30 TU
	2 LED DRL control units removed + reinstalled	9487 9999	20 TU
	<b>(A5, S5, RS 5, A5 cab)</b> Headlight assembly remove + install	9415 1951	20 TU
	<b>(A4/S4)</b> Headlight assembly remove + install	9415 1900	30 TU
	2 Headlight assembly adjust	9415 1600	20 TU



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	<b>Additional Labor Operations (use as needed)</b>		
	Gas discharge ECM removed + reinstalled	9457 2050	10 TU
	2 Gas discharge ECM removed + reinstalled	9457 2050	20 TU
	Control Module LED removed + reinstalled	9418 1950	10 TU
	2 Control Module LED removed + reinstalled	9418 2050	20 TU
<b>Diagnostic Time:</b>	GFF	0150 0000	Time stated on diagnostic protocol (Max 110 TU)
	Road test prior to service procedure	No allowance	0 TU
	Road test after service procedure	0121 0004	10 TU
	Technical diagnosis at dealer's discretion (Refer to Section 2.2.1.2 and Audi Warranty Online for DADP allowance details)		
<b>Claim Comment:</b>	As per TSB #2032338/3		

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.

## Required Parts and Tools

Part Number	Part Description	Quantity
See ETKA	Headlamp for gas discharge bulb	As needed
See ETKA	Power module for day driving lights	As needed
See ETKA	Headlamp Power Output Stage ECM	As needed
See ETKA	Gas discharge ECM	As needed



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## Additional Information

All parts and service references provided in this TSB (2032338) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.

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