



Technical Service Bulletin

91 OCU: eCall LED not green (DTC B1915F1)

91 23 28 2071354/1 August 29, 2023.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
Q3	2020 – 2023	All	Not Applicable

Condition

Workshop findings:

 **CAUTION**

The diagnostic entries below cannot be resolved via the test plans suggested by Guided Fault Finding. The repair must be carried out using the procedure described. The Guided Fault Finding test plans should not be carried out and cannot be invoiced.

- After the pre-delivery inspection (PDI) has been performed (transport mode has been deactivated), the eCall LED in the roof module does not turn green.

And

The following DTC is stored in the Onboard Communication Unit (OCU) J949 (address word 0075):

- **DTC B1915F1:** Online services Function temporarily restricted due to battery budget.

Technical Background

When transport mode is deactivated as part of the pre-delivery inspection, the onboard communication unit (OCU) -J949- (address word 0075) is activated. After it has been activated, the OCU establishes a connection with the Audi IT back-end server via the mobile phone network. The vehicle's emergency call system is activated and the SOS LED in the roof module switches to green.

The following may occur in rare cases:

The SOS LED in the roof module does not light up in green and event memory entry B1915F1 (active/static) is logged in OCU.

As part of the vehicle's power management, the OCU has a set power/battery budget which is available within a period of 24 hours. If the power/battery budget is used up within these 24 hours, the OCU is put into sleep mode. This can be identified on the basis of the active/static event memory entry "B1915F1 – Online services Function temporarily restricted due to battery budget". Once the 24-hour period is over, the full power/battery budget becomes available again. Full function is restored after switching the ignition off and on again.

In isolated cases, the power/battery budget may already be used up during production of the vehicle. If the OCU is then put in transport mode, the 24-hour timer is paused. The timer only starts running again after transport mode has been deactivated. The remaining time is not shown and it can therefore take up to 24 hours before the control unit establishes a connection with the Audi IT back-end server.



Technical Service Bulletin

Production Solution

Not applicable.

Service

Procedure for activating emergency call system:

- Park vehicle in an area with good satellite reception (GPS reception) and good mobile phone reception for up to 24 hours. The vehicle must have a clear line of sight to the sky (satellites).
- It is possible to check the emergency call system as described below before the end of the 24 hours.

Checking that emergency call system has been activated successfully:

- The LED in the roof module next to the SOS button must be lit continuously in green when the ignition is on.
- The event memory entry "B1915F1 – Online services Function temporarily restricted due to battery budget" will have changed from active/static to passive/intermittent and can be erased.

If it was not possible to activate the emergency call system using the information in this service info:

- Please contact the digital business support (DBS).
- In this case, the vehicle **must not** be handed over to the customer.

Warranty

This TSB is informational only and not applicable to any Audi Warranty.

Additional Information

All part and service references provided in this TSB (**2071354**) are subject to change and/or removal. Always check with your Parts Department and/or ETKA for the latest information and parts bulletins. Please check the Repair Manual for fasteners, bolts, nuts, and screws that require replacement during the repair.

©2023 Audi of America, Inc. All rights reserved. The information contained in this document is based on the latest information available at the time of printing and is subject to the copyright and other intellectual property rights of Audi of America, Inc., its affiliated companies, and its licensors. All rights are reserved to make changes at any time without notice. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, nor may these materials be modified or reposted to other sites without the prior expressed written permission of the publisher.