



INFORMATION SHEET FOR THE INTERNAL BATTERY (RH13968P)

Central Door Locking (CDL)/Anti-theft Alarm Control Module Internal Battery Replacement for models from 1994 onwards

This information can be found on IETIS (TSD6000)

Applicable to all Rolls-Royce and Bentley motor cars from vehicle identification numbers (VIN):

Rolls-Royce

Silver Spirit *SCAZS12C3TCH57003*
Silver Spur *SCAZN11C2TCX57001*
Silver Spirit III *SCAZS02D5RCH54003*
Silver Spur III *SCAZN02D6RCX54001*
Silver Dawn *SCAZA02C4SCX54846*
Corniche IV *SCAZD02C5RCX50001*
Touring Limousine *SCAZW02C2RCX80101*

Bentley

Turbo R *SCBZR03A9RCH54002*
Continental *SCBZD02C4RCX50003*
Turbo RL *SCBZP03C5RCX54017*
Continental R *SCBZB03C4RCX52001*
Brooklands *SCBZE02CXRCH54007*
Brooklands LWB *SCBZF02C2RCX54027*
Azure *SCBZK03C3SCH50801*
Turbo S *SCBZT05C8SCH56801*
Continental S *SCBZB05C1SCX52332*

Introduction

This Product Support Information Sheet has been issued to inform parts and service personnel of the specification and replacement procedure for the internal Nickel-Cadmium batteries in the CDL/Alarm Control Module. This eliminates the need to replace the control module in the event of an internal battery failure.

Symptom of internal battery failure

A symptom of internal battery failure in the CDL/Alarm Control Module, is the emitting of the four bleep error code when the alarm system is armed. If this occurs under normal vehicle usage, and no other fault is found it may indicate a faulty internal battery, which can be checked in the following way:

Test procedure

To check the condition of the Nickel-Cadmium batteries use the following test procedure.

- 1.) Remove the keys from the ignition.
- 2.) Open the luggage compartment, pull back the carpet and remove the battery cover to expose the battery.
- 3.) Loosen the clamping bolt on the battery earth lead.
- 4.) Close the luggage compartment lid, but do not latch it.
- 5.) Using the alarm isolation switch, select the alarm position.
- 6.) Arm the alarm with the key fob.
- 7.) Activate the alarm by opening the luggage compartment.

- 8.) Noting the tone of the siren, remove the battery earth lead. The tone of the siren should lower slightly as the lead is removed.

The siren should continue to sound for approximately 20 seconds.

- 9.) If the siren sounds for the stated time this proves that the internal batteries are in a good condition.
- 10. If the volume of the siren is significantly lower or does not last 20 seconds, the internal batteries should be replaced.

Replacement procedure

Refer to Workshop Manual TSD5000 for safety procedures, Section S3 for four door cars and Section S27 for two door cars.

- 1.) Remove Top Roll as described in TSD5000, Section S15-3 for four door cars and Section S37-5 for two door cars.
- 2.) Remove Alarm Control Module from the vehicle and place on a suitable workbench.
- 3.) Remove the six screws securing the cover panel and remove the panel.
- 4.) Withdraw the support plate from the centre of the module casing.
- 5.) Locate the four printed circuit board mountings, press them in and withdraw upper board from the mountings.
- 6.) Remove the four nuts from the lower printed circuit board.
- 7.) Remove the loom coupling from module casing and withdraw both printed circuit boards from the module.
- 8.) Unsolder the three battery tags on the printed circuit board and remove the faulty battery. Use a solder sucker if available.
- 11.) Resolder the replacement battery in position on the printed circuit board and re-assemble the control module.
- 12.) Refit the control module and fully test the system operation.
- 13.) Refit all trim components in reverse order.

Battery specification

The CDL/Alarm Control Module contains two Nickel-Cadmium batteries.

They are of the following specification;

ONE 6 Volt 280 mAh. Manufactured by Varta Battery or Yuasa Battery.

ONE 4.8 Volt 280 mAh. Manufactured by Varta battery or Yuasa Battery.

Parts affected

New Part No.	Description.	Quantity per car.
RH 13968	4.8 Volt Nickel- Cadmium battery	1
RH 13969	6 Volt Nickel- Cadmium battery	1

Defect and repair code manual

Defect code.	Repair code.	Time.
37 73 19 00 47	37 73 19 00 S	1.5 Hours