

Loose M6 Screws Securing PCCB Rotors to Wheel Hub

Vehicles Affected

| Model | Model Year | Model Type | VIN Range | Vehicle Specific Equipment |
|----------------------------|------------|------------|-----------|------------------------------|
| 911T/ GT2RS, GT3 and GT3RS | 2017-on | (991) | N/A | With Option I450 PCCB Brakes |

Revision History

| Revision | Release Date | Changes |
|----------|-------------------|-----------------|
| 0 | November 16, 2018 | Initial Release |

Condition (Customer complaints/workshop findings)

The M6 screws securing the PCCB rotor assembly to the wheel hub may loosen during use.

Technical Background (What is causing the issue?)

- The threads of the original M6x12 mm screw fasteners, used to secure the rotor to each wheel hub:
 - Were not coated with a microencapsulated thread locking compound.
- Were only tightened to 5 Nm.
 - Thermal cycling and vibration may cause these screws to loosen.
 - Therefore, the original screws are to be replaced with M6x10 mm screws.
- New screws have microencapsulated coating on the threads.
- Tightened to 10 Nm.
 - This is to be done during routine wheel/brake service.
 - A separate repair service to replace these screws should not be initiated.
 - The new, microencapsulated screws must be replaced each time they are removed in the future.

Note: Any loosened screws are fully captivated within their recessed locations and will not cause any type of mechanical damage or safety issue.



Service Information (Instructions to technician)

During routine wheel/brake service, replace the old type screws (99901502509) with the new type screws (99907357201). Tighten to 10 Nm.



Production Solution (What was done in production to counteract the condition, when, etc?)

The new microencapsulated screws will be installed on during vehicle assembly and the parts system updated.

Warranty (How to claim issue in the warranty system)

Add replacement screws to the repair order. 8 screws required per vehicle.

Search Items (Tags, keywords, etc that can be used to search for this document)

PCCB, Ceramic, Rotor, Loose, Screws

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