



SI M34 01 13
Brakes

October 2013
Technical Service

This Service Information bulletin supersedes SI 34 01 13 **dated January 2013.**

NEW designates changes to this revision

SUBJECT

Erroneous "Service due" Message Though Brake Lining Thickness Sufficient

MODEL

NEW .

R55

R56

R57

Produced from 8/10 through 10/12

R58

R59

R60

Produced from SOP through 10/12

All vehicles with single-level brake pad wear sensor listed above

SITUATION

The CBS data calculated for the remaining distance of the front and/or rear brake pads does not agree with the actual brake pad thickness.

The yellow brake lining service due indicator illuminates even though the pad thickness is greater than the minimum wear limit (approximately 3.7 mm); the brake wear sensor has not yet been activated (from a thickness of approx. 4.2 mm).

In some cases, the red warning message may already be active.

CAUSE

The CBS front/rear brake display is based on a mathematical calculation. Various influences are incorporated into this calculation (for example, vehicle speed, brake pressure, and rotor temperature). Due to changing driving characteristics and/or unfavorable environmental conditions, the calculated remaining distance may differ from actual pad thickness.

CORRECTION

NEW Run diagnostics with ISTA/D. Work through the corresponding test modules, and then program and code the

vehicle with integration level R056-13-03-501 (ISTA/P V2.49.3) or a more recent version.

Caution: Programming deletes the correction factor.

Check the remaining brake pad thickness using special tool 34 1 260.

NEW If the brake wear sensor has not yet been activated (pad thickness greater than 4.2 mm), the mathematical calculation must be adjusted by correcting the pad thickness.

Brake pad correction

Menu in the ISTA program/Service functions/05 Maintenance and Pre-delivery check service/Reset CBS Condition Based Service

1st run

Selection: 3, front brake

Perform CBS reset

2nd run

Selection: 4, rear brake

Perform CBS reset

CBS correction vehicle data

1st run

Selection: 2, front brake

Selection: 1, resetting forecast

2nd run

Selection: 2, front brake

Selection: 2, setting availability, pad thickness input

3rd run

Selection: 3, rear brake

Selection: 1, resetting forecast

4th run

Selection: 3, rear brake

Selection: 2, setting availability, pad thickness input

NEW WARRANTY INFORMATION

Covered under the terms of the MINI New Passenger Car Limited Warranty or the MINI NEXT Certified Pre-Owned Limited Warranty.

| | | |
|-------------------------|-------------------------|---|
| Defect Code: | 62 13 90 18 00 | |
| | | |
| Main Work | | |
| | | |
| Labor Operation: | Labor Allowance: | Description: |
| 00 61 073 | Refer to KSD2 | Vehicles with the correct integration level or higher. Check brake pad thickness and perform Service Function - pad correction procedure (includes charging the battery) |
| or | | |
| 00 61 074 | Refer to KSD2 | Programming / encoding control unit(s) (not including CAS). Checking brake pad thickness and perform Service Function - pad correction procedure (includes a vehicle test and charging the battery) |
| or | | |
| 00 61 075 | Refer to KSD2 | Programming / encoding control unit(s) (with CAS). Checking brake pad thickness and perform Service Function - pad correction procedure (includes a vehicle test and charging the battery) |

The labor operation codes above are Main labor operations. If you are using a Main labor code for another repair, use the appropriate Plus code labor operation below.

Plus Work (Vehicle Already in the Workshop)

| | | |
|-------------------------|-------------------------|---|
| Labor Operation: | Labor Allowance: | Description: |
| 00 61 742 | Refer to KSD2 | Vehicles with the correct Integration level or higher. Checking brake pad thickness and perform Service Function - pad correction procedure (includes charging the battery) |
| or | | |
| | | |

| | | |
|-----------|---------------|---|
| 00 61 743 | Refer to KSD2 | Programming / encoding control unit(s) (not including CAS). Checking brake pad thickness and perform Service Function - pad correction procedure (includes a vehicle test and charging the battery) |
| or | | |
| 00 61 744 | Refer to KSD2 | Programming / encoding control unit(s) (with CAS). Checking brake pad thickness and perform Service Function - pad correction procedure (includes a vehicle test and charging the battery) |

Refer to KSD2 for the corresponding flat rate unit (FRU) allowance. Enter the Chassis Number, which consists of the last 7 digits of the Vehicle Identification Number (VIN). Click on the “Search” button, and then enter the applicable flat rate labor operation in the FR code field.

If a control module was working properly and/or had no related faults stored prior to vehicle programming and it fails to program correctly or requires initialization, this additional work must be claimed with separate labor operations under the defect code listed above; refer to KSD2.

Other Repairs

If performing other ISTA diagnostics and the related test plans results with **eligible and covered work**, claim this work with the applicable defect code and labor operations listed in KSD2.

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