

**SUBJECT****Uneven Brake Pad Wear with Regenerative Braking****MODEL**

I12 (i8)

SITUATION

Under certain vehicle operating conditions, the brake calipers' outer pads (without wear sensor) will wear faster than the inner pads (with wear sensor).

This is a normal brake pad wear characteristic that is inherent to the design of this vehicle.

CAUSE

Certain driving styles can result with a more frequent fluctuation between the use of the vehicle's service brake and its regenerative braking feature, this type of braking characteristic increases the use and consequently the wear of the outer brake pads.

PROCEDURE

In order to improve the monitoring as to the amount of wear that is occurring to the "non-sensored" outer brake pads, an enhanced checking procedure has been developed.

The "Service - standard scope" labor operation (00 00 105) for the "i8" now includes the task for checking the front and rear brake pads thickness through the wheel.

Front Axle - Outer Pad Thickness*

If the "smallest" measured value is:

- Greater than **6.0mm**, no further action is required.

If the "smallest" measured value is:

- Equal to or less than **6.0mm**, perform the "additional work - check front inner brake pad" with applying the matrix that is provided in repair instruction number "34 00 600."

And for the:

Rear Axle - Outer Pad Thickness*

If the "smallest" measured value is:

- Greater than **8.5mm**, no further action is required.

If the "smallest" measured value is:

- Equal to or less than **8.5mm**, perform the “additional work - check rear inner brake pad” with applying the matrix that is provided in repair instruction number “34 00 601.”

For further information, also refer to [SI B00 07 14](#).

***Important Note: Always refer the latest version of ISTA for the most current repair instructions, technical data and measurement specifications.**

WARRANTY INFORMATION

Covered under the terms of an “active” BMW Maintenance Program for Passenger Cars and Light Trucks.

| | | |
|-------------------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Defect Code: | 85 99 05 01 MP | Standard Scope |
| | | |
| Labor Operation: | Labor Allowance: | Description: |
| 00 00 105 | Refer to KSD2 | Service – standard scope (includes checking the remaining brake pad thickness through the wheel – front and rear) (Main work) |

As always, complete the “Standard scope” in conjunction with one or more of the applicable maintenance service tasks that display in the BMW Maintenance System when they qualify to be performed.

If the outer brake pads “smallest measured value” is at or below the “thickness specification” that applies, the “additional work for brake pad thickness check” with applying the repair instruction matrix **must** be performed.

Additional Work for Brake Pad Thickness Check/Brake Pad Replacement

Model Years 2014, 2015 and 2016: Covered under the terms of an “active” BMW Maintenance Program for Passenger Cars and Light Trucks.

Model Year 2017 and newer: Covered under the terms of an “active” BMW Maintenance Program Upgrade for Passenger Cars and Light Trucks that provides brake pad coverage.

| | | |
|-------------------------|-------------------------|-----------------------------------------------------------------------------------|
| Defect Code: | 34 35 00 77 MP | i8 Additional work – Checking Inner Brake Pad Thickness |
| | | |
| Labor Operation: | Labor Allowance: | Description: |
| 34 00 600 | Refer to KSD2 | Check additional work for front brake pad thickness (Check front inner brake pad) |
| | | |

| | | |
|-----------|---------------|---------------------------------------------------------------------------------|
| And/or: | | |
| 34 00 601 | Refer to KSD2 | Check additional work for rear brake pad thickness (Check rear inner brake pad) |

If the brake pads do not qualify for replacement, no further action is required.

If the brake pads (front, rear or both) qualify for replacement, submit a claim with the corresponding information listed below that applies:

| | | |
|-------------------------|-------------------------|-------------------------------------|
| Defect Code: | 34 11 00 77 MP | Brake Pads – Front |
| | Or: | |
| | 34 11 77 77 MP | Brake Pads and Discs – Front |
| | | |
| Labor Operation: | Labor Allowance: | Description: |
| | | |
| 00 00 612 | Refer to KSD2 | Service, front brakes** |

Or:

| | | |
|-------------------------|-------------------------|------------------------------------|
| Defect Code: | 34 21 00 77 MP | Brake Pads – Rear |
| | Or: | |
| | 34 21 77 77 MP | Brake Pads and Discs – Rear |
| | | |
| Labor Operation: | Labor Allowance: | Description: |
| | | |
| 00 00 614 | Refer to KSD2 | Service, rear brakes** |

Or:

| | | |
|---------------------|-----------------------|----------------------------------------------|
| Defect Code: | 34 11 00 35 MP | Brake Pads – Front and Rear |
| | Or: | |
| | 34 11 00 38 MP | Brake Pads and Discs – Front and Rear |
| | | |

| Labor Operation: | Labor Allowance: | Description: |
|-------------------------|-------------------------|-----------------------------------|
| | | |
| 00 00 613 | Refer to KSD2 | Service, front brake/rear brake** |

** Refer to KSD2 for the corresponding flat rate unit (FRU) allowances and the additional associated labor operation(s) for replacing the brake discs if they also qualify for replacement (See Main group 34).

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