

## Model series 166 - Uneven wear on brake linings of rear axle

|                   |  |
|-------------------|--|
| Topic number      | LI42.10-P-058641   |
| Version           | 1  |
| Design group      | 42.10 Service brake  |
| Date              | 03-14-2014   |
| Validity          | Model series 166 with equipment code 494 (USA version)<br>up to production date 01.12.2013.<br>Up to chassis end number: A353760 |
| Reason for change |  |
| Reason for block  |  |

### Complaint:

Brake linings on rear axle exhibit differential wear

### Cause:

Manufacturing process of brake linings

### Remedy:

1. Check the brake linings on the rear axle for uneven wear
  - Measurement of remaining lining thickness on each caliper
  - Compare measurements of inner and outer brake linings
2. If the variation between the measurements is greater than 20%, replace brake linings on rear axle as per EPC (access by chassis number)

| Symptoms   |
|--|
| Chassis/suspension / Brake system / Service brake / Brakes indicator lamp / Brake wear indicator / lit |
| Chassis/suspension / Brake system / Service brake / Brakes, Display / Brake wear, visit workshop       |
| Chassis/suspension / Brake system / Service brake / Brake noise / Metallic noise                       |

| Work units |  |      |             |      |
|------------|--|------|-------------|------|
| Op. no.    | Operation text   | Time | Damage code | Note |
| 40-1590    | REMOVE/INSTALL WHEELS (2)  |      | 42214 D9    |      |
| 42-2851    | REMOVE/INSTALL BRAKE LININGS ON REAR AXLE, REPLACE IF NECESSARY (WHEELS REMOVED) |      | 42214 D9    |      |

| Validity |        |              |
|----------|--------|--------------|
| Vehicle  | Engine | Transmission |
|          |        |              |

|          |   |   |
|----------|---|---|
| GL (166) | * | * |
| M (166)  | * | * |

| Full model designation breakdown |         |              |
|----------------------------------|---------|--------------|
| Vehicle                          | Engine  | Transmission |
| 166.003                          | 651.960 | 722.908      |
| 166.004                          | 651.960 | 722.908      |
| 166.023                          | 642.826 | 722.903      |
| 166.023                          | 642.826 | 725.031      |
| 166.024                          | 642.826 | 722.903      |
| 166.024                          | 642.826 | 725.031      |
| 166.055                          | 276.955 | 722.906      |
| 166.056                          | 276.821 | 722.904      |
| 166.056                          | 276.925 | 722.904      |
| 166.057                          | 276.955 | 722.906      |
| 166.058                          | 276.955 | 722.906      |
| 166.059                          | 276.821 | 722.904      |
| 166.062                          | 276.821 | 722.904      |
| 166.073                          | 278.928 | 722.909      |
| 166.073                          | 278.928 | 725.031      |
| 166.073                          | 278.928 | 725.032      |
| 166.074                          | 157.982 | 722.905      |
| 166.074                          | 157.982 | 722.931      |
| 166.823                          | 642.826 | 722.903      |
| 166.823                          | 642.826 | 725.031      |
| 166.824                          | 642.826 | 722.903      |
| 166.824                          | 642.826 | 725.031      |
| 166.856                          | 276.821 | 722.904      |
| 166.864                          | 276.821 | 722.904      |
| 166.865                          | 276.821 | 722.904      |
| 166.872                          | 278.928 | 722.909      |
| 166.872                          | 278.928 | 725.031      |
| 166.872                          | 278.928 | 725.032      |
| 166.872                          | 278.928 | 725.033      |
| 166.873                          | 278.928 | 722.909      |
| 166.873                          | 278.928 | 725.031      |
| 166.873                          | 278.928 | 725.032      |
| 166.873                          | 278.928 | 725.033      |
| 166.874                          | 157.982 | 722.905      |
| 166.874                          | 157.982 | 722.931      |