GENERAL

Introduction

1. The backing plates fitted to the Land Rover 4X4 rear axle have slight differences between the left and right-hand sides. If the backing plates are fitted incorrectly it is impossible to obtain full and correct brake shoe adjustment due to the adjusting cams on the backing plate not aligning with the adjusting pins on the brake shoes. This instruction will describe the common differences between the two backing plates to allow for easy identification of the two sides.

Associated Publications

2. Reference may be necessary to the latest issue of the following documents:
   a. EMEI Workshop E 410 – Hazardous Substances – Occupational Health and Safety Instruction – Asbestos;
   b. RPS 02188 – Group MEA;
   c. Electronic Supply Chain Manual (ESCM); and

WARNING

New brake shoes provided by Land Rover do not contain asbestos. Older brake shoes still fitted to vehicles may contain asbestos. If it is unknown as to whether the brake shoe material contains asbestos, then the brake shoes are to be disposed of in accordance with EMEI Workshop E 410.

Do not use compressed air to blow dust from the brake assembly. Dust from the brake linings can be a health risk if inhaled.

3. Table 1 lists the unique identifiers for the backing plate.

Table 1   Backing Plate Identification

<table>
<thead>
<tr>
<th>Serial</th>
<th>Description</th>
<th>RPS Item</th>
<th>NSN</th>
<th>Manu P/No</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Backing plate right-hand</td>
<td>02188 MEA 001</td>
<td>2530-99-797-4653</td>
<td>AEU 2496</td>
</tr>
<tr>
<td>2</td>
<td>Backing plate left-hand</td>
<td>02188 MEA 901</td>
<td>2530-99-797-4654</td>
<td>AEU 2497</td>
</tr>
</tbody>
</table>
4. Identify the left and right-hand backing plates currently fitted to the Land Rover 4X4 by positioning the backing plate with the wheel cylinder mounting recess in the 12 o’clock position. The backing plates can be identified as follows:

a. **Right-hand.** The rear (left, as shown) brake adjuster is higher than the front (right, as shown) adjuster (Figure 1). On most backing plates, there is a hole to the right of the centre line near the axle mounting holes.

![Figure 1 Right-hand Backing Plate](image1.png)

b. **Left-hand.** The rear (right, as shown) brake adjuster is higher than the front (left, as shown) adjuster (Figure 2). On most backing plates, there is a hole to the left of the centre line near the axle mounting holes.

![Figure 2 Left-hand Backing Plate](image2.png)