

Reference	SSM76375
Models	Defender / L663 Discovery / L462 New Range Rover / L460 New Range Rover Sport / L461
Title	Rear Brake Caliper Piston Dust Boot Distortion Risk
Category	Chassis
Last modified	04-Aug-2025 00:00:00
Symptom	301000 Service Brake System
Attachments	Distorted Boot 1.jpg (Distorted Boot 1.jpg) Distorted boot 2.jpg (Distorted boot 2.jpg)
Content	<p>Model / Model Year / Derivative</p> <p>Defender / 20MY onwards / All Discovery / 17MY onwards / All Range Rover / 22MY onwards / All Range Rover Sport / 23MY onwards/ All</p> <p>Situation:</p> <p>JLR Engineering investigations have identified that if the rear brake caliper piston is pushed back to the new pad condition using a twist method, the piston dust boot may become twisted or distorted. This can result in damage to the dust boot and may lead to brake drag.</p> <p>Action:</p> <p>Refer to the Service Information below.</p> <p>Service Information:</p>

Before servicing the rear brakes, connect the JLR-approved diagnostic equipment and follow the steps below based on the vehicle model and model year:

L663 (20MY–24MY), L462 (20MY onwards), L460 (22MY–25MY), L461 (23MY–25MY):

- Set the Integrated Power Brake (IPB) to the assembly mode
- See TOPIx Workshop Manual Section: 206-00 Brake System - General Information
- Set the Electric Park Brake (EPB) to the maintenance position
- Release the EPB (if applicable)
- See TOPIx Workshop Manual Section: 206-05 Parking Brake and Actuation

L462 (17MY–19MY):

- Set the Electric Park Brake (EPB) to the maintenance position
- Release the EPB
- See TOPIx Workshop Manual Section: 206-05 Parking Brake and Actuation

Do not twist the caliper piston during retraction.

Push the caliper piston straight back into the caliper bore using a suitable tool.

Make sure the dust boot is not twisted or distorted.

TOPIx is currently being updated to reflect this information.

(Ref 5575)

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