

SB-10057630-3583

Reference	SSM72025
Models	LR4 / L319 Range Rover / L405 Range Rover Sport / L494
Title	Brake Drag or Binding
Category	Chassis
Last modified	10-Oct-2014 00:00:00
Symptom	301000 Service Brake System
Attachments	

ContentIssue:

A customer may complain of brake drag, binding, sticking or excessive heat from the front brakes, or all brakes. Range Rover, Range Rover Sport and Discovery 4/LR4. 14 and 15 Model Year only.

Cause:

Currently under investigation.

Action:

With the concern replicated remove the brake light switch. See TOPIx Section 417-01 Exterior Lighting. Check to see if the brakes have now instantly become free?

- Yes - Refit the brake light switch and carry out Brake Switch Adjustment. See TOPIx Section 303-14 Electric Engine Controls, and confirm fault is resolved.
- No – With the brake light switch still removed pull the brake pedal back to ensure it is in its rest position - have the brakes now instantly become free?
- Yes - Ensure there is no obstruction preventing the pedal from returning. Remove, re-route the obstruction as applicable. If not, disconnect the booster push rod from the brake pedal and ensure that the pedal pivots freely and does not stick or bind. If this is the case replace the component as necessary.
- No - slacken the master cylinder retaining nuts approximately 3 turns - have the brakes now instantly become free? See TOPIx Section 206-06 Hydraulic Brake Actuation.
- Yes - Replace the brake booster and rebuild the brake system . Re-test the vehicle to ensure issue is resolved. See TOPIx Section 206-07 Power Brake Actuation.
- No - Investigate the issue further and submit a request for Technical Assistance if required.

Please submit a Quality Report with your findings.