

Reference	SSM76096
Models	Defender / L663 Discovery / L462
Title	Front Suspension Rattle/Knock Noise when Driving on Rough or Broken Road Surfaces
Category	Chassis
Last modified	19-Oct-2023 00:00:00
Symptom	304000 Suspension System
Attachments	L663_L462_Front_LCA_Rattle_Knock.mp4 (L663_L462_Front_LCA_Rattle_Knock.mp4)

Content **Model / Model Year / Derivative**

Defender (L663) / 23MY onwards / All
Discovery (L462) / 23MY onwards / All

Situation:

JLR Engineering investigations have found that customers may report a rattle/knock type noise when driving slowly across rough or broken road surfaces.

See attached video file.

Cause:

Initial engineering investigations have found the noise to be coming from the front suspension lower control arm.

Action:

Follow the instruction(s) below.

SERVICE INFORMATION:

If this type of noise is detected, first inspect and check the front lower control arm(s), ball joints and bushes for:

- 1) Excessive wear
- 2) Excessive free-play
- 3) Damage

If excessive wear, free-play or damage is confirmed, renew the affected front lower control arm(s) - See TOPIx Workshop Manual Section - 204-01- FRONT SUSPENSION - FRONT LOWER CONTROL ARM.

If excessive wear, free-play or damage is not found or the problem persists, continue to investigate other suspension components - See TOPIx Workshop Manual Section: 204-01: Front Suspension -> Diagnosis and Testing -> Front Suspension.

(Ref 000373612)

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