

<b>Reference</b>	SSM75779
<b>Models</b>	Defender / L663 Discovery / L462
<b>Title</b>	'Clicking'/'Ticking' Noise from Front Axle While Turning Left or Right and Full Lock at Low Speeds
<b>Category</b>	Chassis
<b>Last modified</b>	01-Nov-2023 00:00:00
<b>Symptom</b>	303000 Steering/Handling

**Content****Model / Model Year / Derivative:**

DISCOVERY L462 / 21MY Onwards / With 350mm Brake Disc/365mm Brake Disc Only  
DEFENDER L663 / 20MY Onwards / With 350mm Brake Disc/365mm Brake Disc Only

**Situation:**

**NOTE: Vehicles installed with 350mm Brake Disc/365mm Brake Disc Only**

**Containment VINs**

- **Discovery / L462: SALRA2AW2N2461398**
- **Defender / L663: SALEJ7RX9N2085677**

JLR Engineering investigations have found reports of a 'clicking' or 'ticking' noise whilst turning left or right and on full lock at low speeds.

**Action:****Service Information:**

When completing the below Service Instruction, the following parts are required to be renewed.

Discovery (L462)

- 4x LR100039 - Front hub/wheel bearing bolt (4x bolts per hub/wheel bearing)

Defender (L663)

- 4x LR100039 - Front hub/wheel bearing bolt (4x bolts per hub/wheel bearing)
- 1x LR024151 - Front halfshaft nut
- 1x KYG000230 - Front suspension upper arm ball joint to wheel knuckle bolt
- 1x FY110056 - Front suspension upper arm ball joint to wheel knuckle nut

**Service Instruction:**

1. Confirm the noise is either coming from the front left or front right hub/wheel bearing area(s), or in some cases both.
2. Renew all four front hub/wheel bearing bolts on the affected side(s), (4x bolts per hub/wheel bearing)

**NOTE:**

Discovery (L462) hub/wheel bearing bolts **can be** renewed without removing any other suspension components.

Defender (L663) hub/wheel bearing bolts **cannot** be renewed without removing any suspension components, additional parts highlighted in the 'Service Information'. The driveshaft requires to be partially removed from the wheel hub assembly to gain sufficient access to remove the wheel bearing bolts.

3. Renew\* each front hub/wheel bearing bolt **one at a time** following the sequence illustrated in the TOPIx workshop manual installation section of '204-01 FRONT SUSPENSION > FRONT WHEEL BEARING'.

\*Before each new bolt is installed, make sure the thread within the hub/ bearing housing is clear of debris.

(Ref 000345924)

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