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| Reference | SSM75934 |
| Models | Defender / L663 Discovery / L462 New Range Rover / L460 New Range Rover Sport / L461 Range Rover / L405 Range Rover Sport / L494 Range Rover Velar / L560 |
| Title | 19MY Onwards - INGENIUM I6 3.0L Diesel/Petrol Accessory Drive Noises |
| Category | Engine |
| Last modified | 24-Jul-2023 00:00:00 |
| Symptom | 497000 Engine Noise |
| Attachments | 1Video 12.mp4 (1Video 12.mp4) 1Video 2.mp4 (1Video 2.mp4) |

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| Content | <p><u>Issue:</u> JLR is investigating customer reports of certain noises coming from the accessory drive system.</p> <p>The noises that are being reported are: Rumble / Knocking noise near the Air Conditioning (A/C) Compressor. (AJ20D6/P6).</p> <p>Chirp / Squeal noise from the accessory drive belt (AJ20D6 only).</p> <p><u>Cause:</u> Rumble / Knocking: - The Air Conditioning (A/C) compressor bracket becomes loose causing excessive running noise reference Video 1 (AJ20D6/P6).</p> <p>Chirp / Squeal noise: - Misalignment of the drive belt or idler pulley reference Video 2 (AJ20D6 only).</p> <p><u>Action:</u> Rumble / Knocking noise: Inspect the A/C bracket, if found to be loose or cracked then the below components MUST ALL be renewed. (AJ20D6/P6): CAUTION: The idler pulley MUST be renewed in order to rectify the concern.</p> <ul style="list-style-type: none"> • Accessory drive belt • Accessory drive belt tensioner • A/C bracket • Idler pulley |
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Chirp / Squeal noise:

- Renew the drive belt.
- Renew the idler pulley.
- Do not replace the belt tensioner
- Check the integrity of the accessory drive belt driven components and rectify as necessary.

Update the Powertrain Control Module (PCM) to the latest version (AJ20D6 only).

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