

## AUXILIARY COOLANT PUMP AND TURBOCHARGER DIAGNOSIS

### Customer Voice:

- Lack of power, MIL on.

### Technical Description:

- When a turbocharger has been diagnosed and requires replacement, complete the additional diagnostic steps to check that the auxiliary coolant pump is operating as expected.

### Status:

- Disconnect electrical connector from the auxiliary coolant pump and inspect the 3 pins within the electrical connector and auxiliary coolant
- Check the continuity of the pins 1 and 2 at the connector.
- Release pin 3 from electrical connector and use suitable electrical tape to temporarily secure pin 3 to the wiring harness.
- With electrical connector reattached, touch and hold the auxiliary coolant pump. A vibration should be felt as the pump is operating correctly.

Refer to SSM 76016 / SSM76020

### Range Rover

- 17-24MY Evoque
- 17-24MY Velar

### Defender

- 20-23MY Defender

### Discovery

- 17-24MY Discovery
- 17-24MY Discovery Sport

### Jaguar

- 17-24MY F-PACE
- 17-24MY XF
- 17-21MY XE

