

## ENGINE NOISE ON STARTUP AFTER A NEW SERVICE ENGINE HAS BEEN FITTED – AJ20- D4

### Range Rover

- 17-19MY RR Velar

### Jaguar

- 17-19MY F-PACE
- 17-19MY XF
- 17-19MY XE

### Customer Voice:

- Engine 'knocking' noise on start up after a new AJ20-D4 service engine has been fitted.

### Technical Description:

- Repair process on TOPIx for long/stripped engine assembly is not being adhered to, specifically regarding the installation and programming of the fuel injectors.

### Status:

- They must be fitted to the adjacent cylinder as shown in the TOPIx 303-04A: Fuel Charging and Controls - INGENIUM I4 2.0L Diesel
- This allows the PCM to reset the fueling adaptations and will allow successful injector programming to take place (injector programming/resetting adaptations is required upon completion of the new engine installation as detailed in the TOPIx procedure).

