

Reference	SSM56457
Models	LR4 / L319 LR2 / L359 LR3 / L319 Discovery 1 Defender / L316 Range Rover Classic Range Rover / L322 Discovery 2 / L318 Range Rover / P38a Range Rover Evoque / L538 Freelander / L314 Range Rover Sport / L320
Title	Use of engine induction and injection cleaning systems
Category	Engine
Last modified	28-Oct-2014 00:00:00
Symptom	499000 Basic Engine
Attachments	
Content	<p>Issue: Reports have been received of engine damage occurring, which is caused by the use of non-approved engine induction / fuel injection cleaning equipment or materials. This includes, but is not limited to, "Vacu-flush" type equipment.</p> <p>Cause: The use of non-approved equipment can cause the engines to hydro-lock, or cause other engine damage, and sometimes the only possible repair is to replace the engine.</p> <p>Action: Any approved products have been fully tested by Land Rover engineering, and will be published through the standard communications such as; TOPIX, Special Service Messages, Technical Bulletins, or Special Tools. For example, for V8 AJ133 engines refer to TOPIX section 303-04 (Fuel Injection Component Cleaning / Fuel Injection Component Cleaning Using Pressure Cleaner). For North America only also refer to LTB00409.</p> <p>Damage caused by the use of non-approved equipment or cleaners may invalidate engine warranty coverage.</p>