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| <b>Reference</b>     | SSM56457  |
| <b>Models</b>        | LR4 / L319<br>LR2 / L359<br>LR3 / L319<br>Discovery 1<br>Defender / L316<br>Range Rover Classic<br>Range Rover / L322<br>Discovery 2 / L318<br>Range Rover / P38a<br>Range Rover Evoque / L538<br>Freelander / L314<br>Range Rover Sport / L320   |
| <b>Title</b>         | Use of engine induction and injection cleaning systems  |
| <b>Category</b>      | Engine  |
| <b>Last modified</b> | 28-Oct-2014 00:00:00  |
| <b>Symptom</b>       | 499000 Basic Engine   |
| <b>Attachments</b>   |   |
| <b>Content</b>       | <p><b>Issue:</b> 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><b>Cause:</b> 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><b>Action:</b> 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.<br/>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.<br/>Damage caused by the use of non-approved equipment or cleaners may invalidate engine warranty coverage.</p> |