

Reference	SSM72861
Models	Discovery Sport / L550 LR4 / L319 Range Rover / L405 Range Rover Evoque / L538 Range Rover Sport / L494
Title	Diesel Exhaust Fluid (DEF) Injector Crystallization
Category	Engine
Last modified	06-Jul-2016 00:00:00
Symptom	403000 Exhaust System Concerns
Attachments	DEF Injector Crystallization.pdf (DEF Injector Crystallization.pdf)
Content	<p><u>Issue:</u> Diesel exhaust fluid (DEF) injector crystallization leading to incorrect and unnecessary replacement.</p> <p><u>Cause:</u> Some crystallization will always be present on the tip of the injector after engine shut down, this is considered to be normal. The crystallization will quickly disappear after the engine is started and the exhaust system becomes hot.</p> <p><u>Action:</u> Refer to the attached file which shows a selection of crystallization on the DEF injector tip. These pictures show a level of crystallization present on the tip which will not influence the function of the injector. These pictures are typical of injectors currently being replaced and returned via warranty and when tested are no fault found.</p> <p>Always refer to the Diagnostic and Testing Section in TOPIx if help is required diagnosing concerns with the Selective Catalytic Reduction (SCR) system. Section 309 – Exhaust System.</p>