

<b>Reference</b>	SSM75971
<b>Models</b>	Discovery / L462 Range Rover / L405 Range Rover Sport / L494 Range Rover Velar / L560
<b>Title</b>	3.0L AJ126 Misfire on New Replacement or REMAN units.
<b>Category</b>	Engine
<b>Last modified</b>	27-Mar-2023 00:00:00
<b>Symptom</b>	499000 Basic Engine
<b>Content</b>	<p><u>Issue:</u> Land Rover has received reports of replacement new or remanufactured 3.0L AJ126 gasoline engines experiencing misfiring and/or rough running for the first few minutes after a cold start. In the majority of cases the misfiring has been primarily on the bank 2 (driver's side) cylinders, and most frequently reported on cylinders #4 and #6.</p> <p><u>Cause:</u> Unknown. Engineering is currently investigating the root cause of this concern and have identified that the affected engines may have valve clearances, and particularly exhaust valve clearances, that are below specification.</p> <p><u>Action:</u> Check the clearances of all valves and correct any discrepancies. Submit an EPQR if valve clearances are not to spec and include the part number and serial number of the replacement engine. If valve clearances have been checked and are within specifications, perform basic diagnostic procedures as outlined in the TOPIx workshop manual. If further assistance is needed, please raise a TA</p>

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