

Reference	SSM74279
Models	Discovery / L462 Range Rover / L405 Range Rover Sport / L494 Range Rover Velar / L560
Title	Vehicles equipped AJ126 or AJ133 and DTC P0496-00 stored
Category	Driveability
Last modified	11-Feb-2019 00:00:00
Symptom	698298 Malfunction Indicator Lamp

Content Issue: Check Engine Light is illuminated and the DTC P0496-00 is stored in the PCM.

Cause: False flag of the DTC due to an incorrect reference value stored when fuel cap is removed with the vehicle on.

Action: Should you encounter this condition follow the steps outlined below.

1. Perform the Purge Valve Self-Test routine using Pathfinder (ECU Diagnostics>Powertrain Control Module>ECU Functions>Powertrain>Purge Valve self test). If the test fails, diagnose further as outlined in TOPIx and repair as necessary. If the test passes, proceed to step 2.
2. Clear the DTC.
3. Reset the PCM adaptations using Pathfinder (ECU Diagnostics>Powertrain Control Module>ECU Functions>Powertrain control module adaption clear)
4. Advise client that it is recommended the vehicle be turned off for fueling to minimize risk of false flag of this DTC until updated PCM calibration is available.

Do not replace the purge valve assembly if the self-test routine passes. An updated PCM calibration release is planned for April 2019 to mitigate the risk for false flag of this DTC.

Technicians - Please rate this SSM and provide comments so that future communications can be improved.

1 = Poor – Basic information provided – The SSM does not help me resolve the customer concern.

3 = Average – Adequate information provided – The SSM partially helps me resolve the customer concern.

5 = Excellent – All required information provided to resolve the customer concern.