

This new version replaces all previous versions. Please replace SI-130715

Lack of power, emergency program signal position sensor from actuator implausible

Introduction:

The vehicles suffer an abrupt power shortage as they fall into the emergency program. In the fault memory deviations of the position sensor of the boost pressure control on the turbocharger or a deviation of its signal voltage are stored.

Note Hinweis:

When the vacuum unit on the turbocharger is actuated, a variable signal voltage of approximately 0.5 to 4.5 volts must be measured. If the measured signal voltage is longer than 500 ms above 4.9 volts, the position sensor is defective. The turbocharger is to be renewed.

About the aeration of the vacuum to the boost pressure control valve sucked water passes through the vacuum line into the control box of the turbocharger. There it comes to corrosion and failure of the position sensor.

Instructions:

When replacing the turbocharger, it is essential to replace the wastegate valve. All vacuum lines must be cleaned and checked for damage. Any filters on the open end of the ventilation pipes must be replaced.

Important:

It is essential to ensure that no spray water in the engine compartment and in particular a leak in the windscreen seal over the bulkhead passes on the control box or the open end of the ventilation tube from boost pressure control valve.



Vehicle Manufacturer: Peugeot, Citroen

Vehicle: 307, 407, 508, 607, C4, C5

Engine code: RHR (DW10BTE4D)

Validity: This service information is valid for renewing the turbocharger with

BTS reference: T914370

BTS-Service-Set-Nr: T981025, T981410

Please note: OE-references are only for means of comparison. The content of this Service Information is non-binding and is only for informational purposes. The manufacturer specifications have to be adhered to.