

**In the Event of Customer Complaint "loss of power" and if the Turbocharger is Faulty:
Checking Exhaust Manifold (105/16)**

Model Line: **Cayenne Diesel (92A)**

Model Year: **As of 2013 up to 2017**

Subject: **Exhaust manifold**

Information: **The turbocharger is damaged by detached parts of the cracked inner part of the manifold.**
A faulty turbocharger is diagnosed due to loss of power and when the "Check Engine" warning is activated.

However, a faulty turbocharger can also be diagnosed if the **inner part of the manifold is damaged.**

Date of Introduction: As of May 24, 2016, a reworked exhaust manifold is installed during production.

Remedial Action: Before installing a new turbocharger, the inner part of the manifold must be checked and the exhaust manifold may have to be replaced.

- Work Procedure: 1 Remove the turbocharger. ⇒ *Workshop Manual '213019 Removing and installing turbocharger'*
- 2 Remove exhaust manifold. ⇒ *Workshop Manual '261019 Removing and installing exhaust manifold'*
- 3 Check inner part of the manifold for cracks and fractures ⇒ *Checking inner part of manifold.*
Replace the exhaust manifold if it is damaged.



Checking inner part of manifold

- 4 Install exhaust manifold. ⇒ *Workshop Manual '261019 Removing and installing exhaust manifold'*
- 5 Install a new turbocharger. ⇒ *Workshop Manual '213019 Removing and installing turbocharger'*

Invoicing: The work involved is invoiced under the labor operation:

APOS	Labor operation	I No.
26100152	Checking exhaust manifold	
26100151	Checking exhaust manifold	

For invoicing and documentation using PQIS, enter the following coding:

Location (FES5)	21300	Turbocharger
Damage type (SA4)	1711	Stiff, stuck, not enough play

References: For removing and installing turbocharger, see ⇒ *Workshop Manual '213019 Removing and installing turbocharger'*

For removing and installing exhaust manifold, see ⇒ *Workshop Manual '261019 Removing and installing exhaust manifold'*

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