

155

# TECHNICAL REPORT

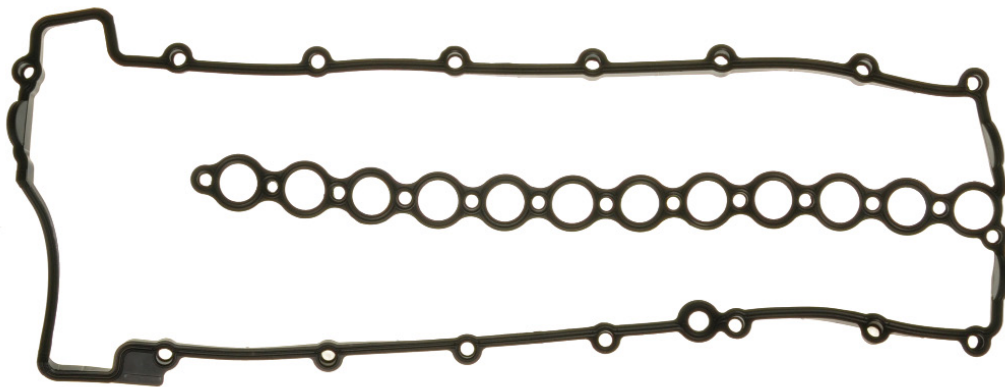
Cylinder head cover gasket  
assembly 11080300 on BMW  
engines



## 01 introduction

The purpose of this brochure is to compile the possible **causes of failure** during the installation of the rocker cover gasket 11080300.

This gasket is compatible with BMW M57 in-line 6-cylinder diesel engines with capacities ranging from 2.5L to 3.0L.



**Rocker cover gasket 11080300**

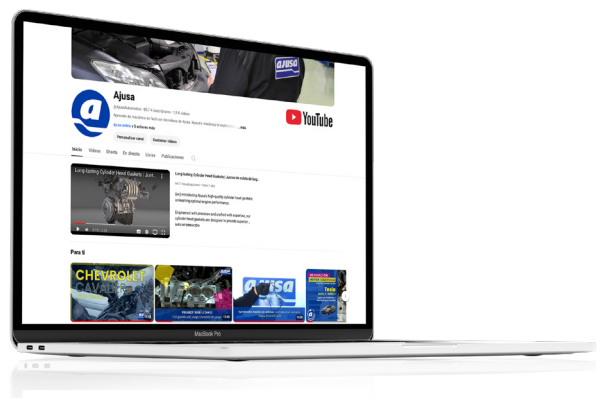
## 02 preliminary considerations

Before assembling the board, it is important to take into account a series of considerations.

**01** | Check that the application is correct . We must **verify the compatibility** of the gasket with the cover and engine of the vehicle where it will be mounted. To do this, consult our **online catalogue**.

**02** | Checking the cylinder head cover and cylinder head. Before installing the new gasket, it is important to **check that the contact surfaces** are in good condition, without deformations or cracks.

**03** | Ceaning the mating surfaces. It is important to **remove any residue** from the old gasket, dirt and oil before fitting the new gasket.



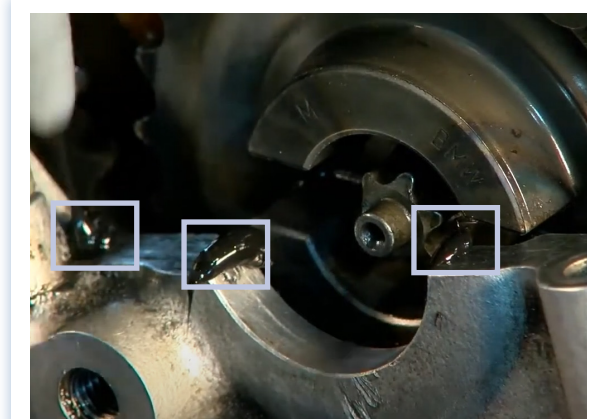
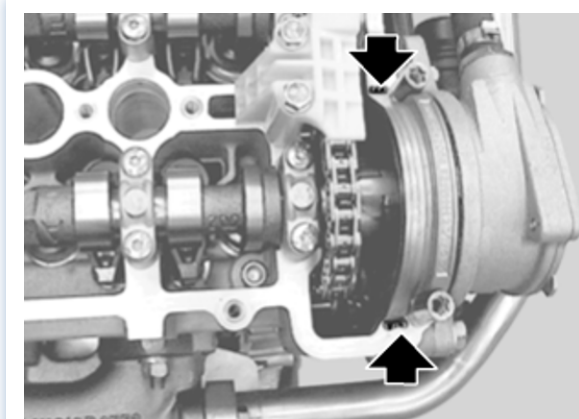
Scan the QR code and access the complete assembly tutorial video on our **YouTube channel**.  
If you have any questions, write in comments!



## 03 cause of failure

The main causes of oil leakage from this seal are as follows:

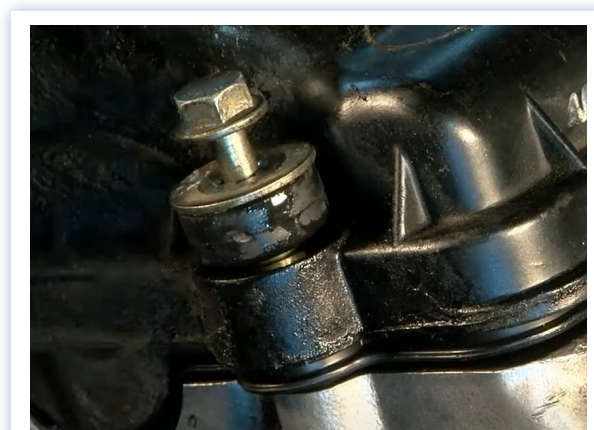
**01** | Absence of sealant in areas where its use is recommended by the workshop manual.



By scanning the following QR code you will find a TIP which explains in more detail **which areas are recommended** for the use of sealant



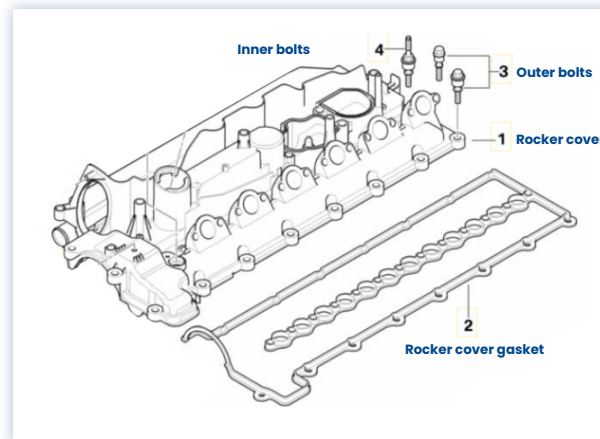
**02** | Poor condition of **bolts and/or rubber** plugs. As stated in the workshop manual, the condition of the cover bolts must be taken into account. These bolts are fitted with a rubber stopper which, if in poor condition, will not be able to achieve adequate compression on the cover and the gasket, which could **lead to oil leaks**. It is advisable to replace them to prevent oil leaks.



**03** | Incorrect tightening torque. In the specific case of this rocker cover, there are two types of bolts of different metrics, each type with a specific tightening torque:

Inner bolts: Metric 6 (M6), tightening torque 10 Nm.

Outer bolts: Metric 7 (M7), tightening torque 15 Nm.



**04** | It is sometimes recommended to replace the rocker cover, as it is made of plastic and can often become deformed, causing the gasket not to seat properly and subsequently leading to oil leakage.

