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# TECHNICAL REPORT

Oil seals for differential in  
engines of PSA GROUP  
AJUSA REF: 15087100,  
15087200



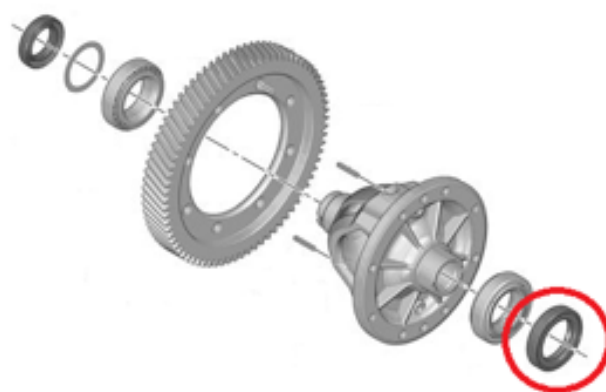
## REASON

Announce the **availability of the oil seals for the differential** which mounts in PSA group engines.

## DESCRIPTION

The oil seals of the differential **ensure the sealing between the differential gear box and the transmission axle**. In this way, the differential is protected from possible leakage of oil which can be produced by those elements.

It's an oil seal which has an **elastomer sealing lip** and its equipped with a plastic protector in order to **prevent dirt from reaching the inside** of the differential.



**AJUSA**  
15087100

**OEM**  
3121.46 / 3121.26  
29.85 x 47 x 11



**AJUSA**  
15087200

**OEM**  
3121.44 / 3121.27  
40 x 58 x 11.3

The main function of the differential is **to regulate the speed of rotation of the driving wheels** when the vehicle turns, making the wheel that is travelling around the outside of the turning curve roll farther and faster than the other. In this way, **it guarantees an optimum mobility** and road grip on the curve.

## WHEN WE MUST CHANGE THESE OIL SEALS?

The **durability** of these oil seals **is relative**. It **depends on the driving style**, on the **environment** and the weather conditions. Take advantage on the revisions to check the status of these seals.

**If its performed any task** on the differential and the oil seal is removed, it is recommended to replace it with a new one. An inadequate road grip, especially in the case of curves, **can indicate a differential fault** caused by leakage of oil.

