



Technical Bulletin

Clutches

Vehicle Type

Passenger cars

Causes of Slipping and Juddering complaints

To address the problems of Slipping and juddering Clutch complaints due to Friction disc contaminated by engine oil

The Valeo Service Quality department have seen several clutch kits returned that are contaminated with oil. The oil found on the components can only of originated from the rear crankshaft seal.

The inside of the rear main seal maintains contact with the crankshaft as it is spinning around thousands of times a minute. The crankshaft seal is also next to one of the main bearings in the engine, which needs to be constantly lubricated by oil. If the seal is damaged, the constant bath of oil combined with the spinning motion of the crankshaft will cause a rear main seal leak and allow a significant amount of oil to leak from the engine as it's running. If the crankshaft seal dries out, cracks, or breaks, it can cause an oil leak.

Valeo Service advise always checking the rear crank shaft seal during every clutch change to ensure that there are no leaks present and the seal is in good condition. If oil is found on the flywheel and can be seen leaking from the rear crankshaft seal then Valeo advise addressing the leak immediately and replacing the seal if required.

