

Nationals 3 Year Warranty Statement

Our 'No quibble' clutch guarantee' covers any material or manufacturing defects for passenger cars and light commercial vehicles.

Signs of abnormal operating conditions or fitting faults are excluded. To assist your returns department with a diagnosis, we have provided images of excluded claim types below.

Contaminated drive plate (oil or copper grease)

Symptoms:

Slipping, or judder.

On visual inspection, oil contamination may have darkened the friction material and there could be an odour of oil (refer to photo 1).

Any copper grease contamination would originate from the driven plate hub spline (refer to photo 2).

Causes:

- Leaking from the main oil seal.
- Leaking from the gearbox oil seal
- Hydraulic leak on concentric slave cylinders
- Over greasing of input shaft or bearing

Recommendations:

Always check for oil leaks or contamination in the bellhousing. Rectify before installing a replacement clutch. Keep lubrication on input shaft splines to a minimum and wipe away excess.

It is **not** recommended to use copper based lubricants on clutch units as its heavy consistency and low melting point, leads to throw out on rotation.

Further advice available:

Nationals technical service bulletin 012 - Copper grease contamination

Nationals technical service bulletin 013 - Gear oil contamination

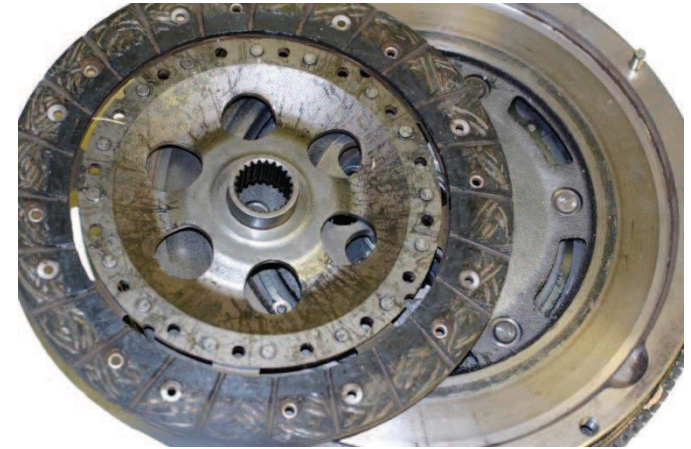


Photo 1

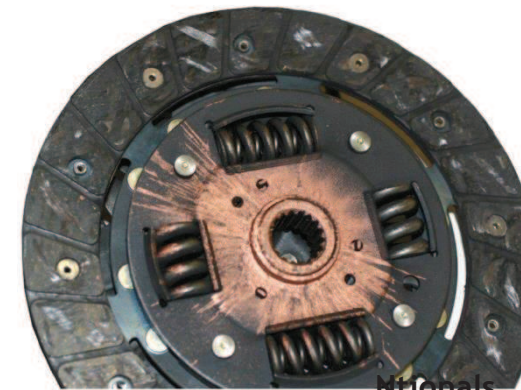


Photo 2

Nationals