

## Alternator pulley/bearing failure caused by water contamination on crankshaft pulley

### Ford Transit 2.2TDCi 2006-2012

Part Number affected: AEK2977

A known fault exists which can result in a charging fault and/or noise from the drive belt system. The fault occurs due to water and dirt contaminating the crankshaft pulley and causing it to fail. This results in excessive vibration within the drive belt system resulting in premature failure of the alternator pulley.

If the vehicle has this fault inspect the drive belt system and crankshaft pulley. It is recommended that the following are replaced:

Crank shaft pulley

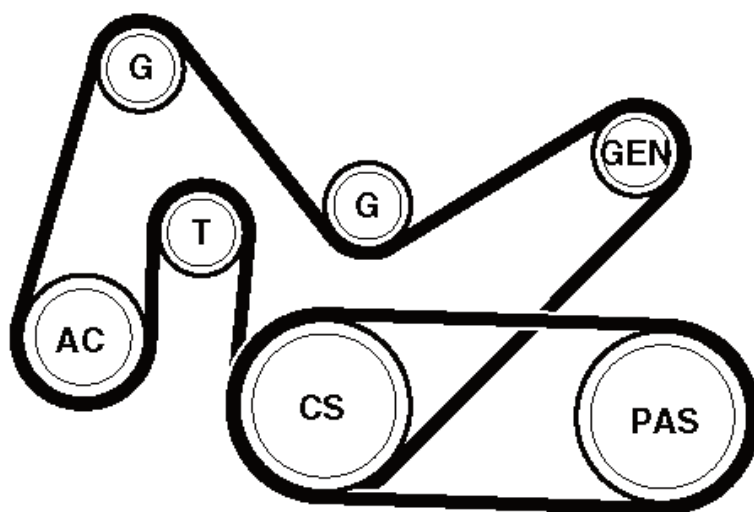
Power steering drive belt and Alternator drive belt

It is recommended that a splash guard is fitted to avoid this failure occurring again. The fault will reoccur again if the above components are not replaced and a splash guard is not installed.

Please do not hesitate to contact the Technical Team at [Technical@Autoelectro.co.uk](mailto:Technical@Autoelectro.co.uk) if you have any queries.



A contaminated and failed alternator



Power Steering and Alternator belt routing