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VW 2.5TDI DIESEL ALTERNATOR FAILURE

We have had reports of premature alternator failure on the above application shortly after fitment sometimes accompanied by the rubber coupling shredding and clutch pulley-gear seizing up. This is due to incorrect alignment of the alternator. It is imperative that the bottom brackets be aligned and tightened before the top brackets. If the top brackets are tightened first, the adjuster on the vehicle causes the alternator to sit slightly askew resulting in the failure described. The part numbers affected are **AEC1819** and **AEC1820**.

CLUTCH PULLEY COLLAPSES???

We have recently come across instances of clutch pulleys collapsing on the following part numbers; **AEK2807, AEK2808, AEK2809, AEK3006, AEK2804, AEK2817**. The failure is often due to incorrect tensioning. This can be caused by either the tensioner over tensioning the alternator belt or the failure of the bottom pulley. The failure of the bottom pulley can also give a sound similar to a noisy bearing which is also another commonly reported fault. If after fitting a replacement unit there is *still* a noise, further investigation is required.

These Alternators are mainly fitted to Vauxhall 1.9 CDTI Diesel and 1.3 CDTI Diesel, and Fiat 1.3 JTD Diesel variants.

CHECK FOR OIL/DIESEL CONTAMINATION!

On many later applications we are still finding that oil ingress is leading to greater numbers of premature failure of Alternators.

Oil contamination causes the Alternator to burn out due to overheating as a result of the oil burning. Clearly the source of the oil leakage needs to be investigated before the Alternator is replaced otherwise the replacement Alternator will fail prematurely. Part numbers particularly affected are **AEK3165, AEK3029, and AEK2917**.

CHECK FOR THE ORANGE LABEL

Part numbers affected by serious warranty issues caused by vehicle faults are further identified with an orange label on the top of the box and an orange label on the part itself advising that there is important Warranty information regarding the part in the box. Failure to take note of the enclosed information may lead to premature failure of the unit, and that the warranty of the part may be affected.

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