

Technical *Info*

Failure of idler pulley due to overheating of cover layer – CT 1105 K1 (1.9-JTD engines: Opel, Alfa Romeo, Fiat and Saab)

Problem:

The belt drive fails due to the outer plastic of the idler bearing becoming overheated and melting, the back of the belt is also heat damaged.



Cause:

The failure is caused by a blocked water pump. The belt slips over the blocked pulley causing the back of the belt to become overheated, this heat is then transferred to the plastic idler pulley causing it to melt. When the Idler melts the tension is lost and the belt drive fails.



Remedy:

The water pump should be inspected regularly to ensure that it is in perfect condition. The pump should always be replaced at the same time as the belt is replaced.

