

Rough running alternator on a Peugeot 307

There was a loud and undesirable squealing noise being emitted every morning from this 2005 Peugeot 307 1.6 first starting up.

At first, this was only just after the engine started up, but the squealing was lasting longer into the journey now. It was thought that the alternator belt would need replacing and this was the source of the problem. Inspecting the belt, this was certainly worn, but when I looked, I could see that the tensioner was also in a poor condition and so the owner agreed that replacing the belt and tensioner was a good move.

The bad news came once I had started the job and removed the auxiliary drive belt. As a matter of course when doing such a job, I always give the alternator and any other driver rotating pulleys a quick spin. When I gave this alternator pulley a quick spin by hand, I could feel the bearings were also in a poor condition. I knew that if this wasn't remedied,



Roughness in the bearings was easily felt

then the new belt would not last long.

The owner was not pleased to hear the bad news, but agreed that it would be best to fit a new alternator, and this should hopefully prevent any future issues from occurring for a while.

Once all fitted up, the Peugeot started up, and the absence of the squealing noise was enough to make the owner happy.