

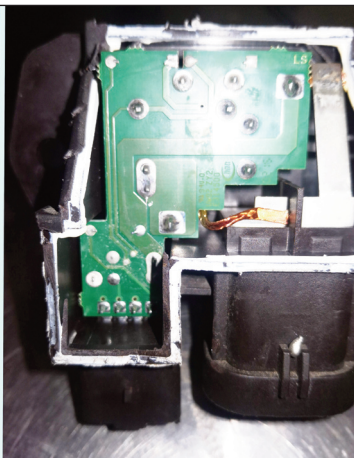
Citroen C3 - Cooling fan problems

The majority of the driving, that the owner of this 2015 Citroen Picasso had been doing over the past few weeks, was around town. He had paid little attention to hearing the engine cooling fan spinning away most of the time, figuring that it was the around town driving that was causing the fan to be needed.

He had checked the cooling system to ensure it didn't need topping up, but with no signs that the engine was overheating, he took little notice and carried on as usual.

It was only over the following week, when the owner noticed that he had not heard the fan that he began to be concerned. There were no signs of overheating, but the situation worried him, as he knew that if there was a problem with the cooling fan then this needed to be fixed.

Using a scanner to read off the codes, I found P0493 and P0494 in the system, which



The fan running constantly and then its failure was due to the water which had penetrated the control module

both indicated a problem with the coolant fan speed control. A quick inspection of the fan control module showed dampness around the seam. I split the unit and found that the damp had penetrated the control unit and this was the source of the problems.

Once the new unit was fitted, the fan behaved as it should and the Citroen was saved the problem of overheating.