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CB-26P Fitting position

Alfa 147



Ken Green tried out the Ecotek on the Forums of Alfa owners club in his Alfa 147 - we spotted it when they all started buying one and quoted the Forum as the introduction - this is what he said:

"I was pleased with the difference in the performance of my 147 with the Ecotek active and stated that I was quite happy with the Ecotek even if it did not save me any MPG, because quite frankly I did not think it would save me anything, especially when I like to put the hammer down occasionally.

For this batch of tests I used our local motorway, the M55, when it was not busy. I started the tests outside my home, travelled to the motorway, got onto it and then set the cruise control to either 60 or 80 mph depending on which tests were being done. I travelled to the Preston junction (14 miles) around the roundabout and then straight back along the motorway and home.

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On all tests the cruise was set in the same places and was not touched until I left the motorway. There are slight differences in the average velocities (not enough to effect the results) but this is due to traffic lights etc on the way to and from the motorway.

Ok , here are the results of the Blackpool jury.

Ecotek on, engine cold , cruise set to 80 , Avg MPG - 29.7, Avg Speed - 61, Difference is +13.36%
Ecotek on, engine warm, cruise set to 80, Avg MPG - 30.0, Avg Speed - 63, Difference is +14.50%
Ecotek on, engine warm, cruise set to 60, Avg MPG - 38.0, Avg Speed - 50, Difference is +10.14%
Ecotek off, engine warm, cruise set to 80, Avg MPG - 26.2, Avg Speed - 62
Ecotek off, engine warm, cruise set to 60, Avg MPG - 34.5, Avg Speed - 51

So, the maximum difference was +14.5% and this was cruising at 80mph where I got an average of 30.0 MPG compared to 26.2MPG. This is good for me as that is my style of driving (but not at that speed of course officer!). When cruising at 60mph there were still significant differences where I got 38.0 mpg compared to 34.5. These results become even better when you compare the 1st result which was with a cold engine and therefore a rich mixture whilst the engine warmed up, there was still a difference of over 13% compared to a warm engine without the Ecotek.

These results were confirmed to some extent by the fact that I got 10.1% greater miles out of a tank of petrol. That was with myself and the wife driving including a lot of short distance driving (4-5 miles) where the engine would not have had time to warm up properly.

This equates to a saving of over £4 for each tank I put in and if I was motorway driving most of the time, I would be saving over £6 a tank-full.

Needless to say, I am VERY pleased with the results. I get more MPG and a smoother running car, now that cannot be bad. My next tests will be to time the acceleration, with and without the Ecotek. I realise this is not really a fair test as the Ecotek is not meant to give better acceleration, but I think it must do, as it has smoothed out the flat spots."