Everglade Services

Speed Limiter Trial – Fuel Savings

A major utility company has recently completed extensive tests on a Romatic 'DbW' system. The speed was set at 70mph.

The vehicle used was a Peugeot Partner. This particular vehicle was chosen because of the wide variety of journeys it undertook, from town work to motorway travel.

Fuel consumption figures

Before speed limiter was fitted 2007:

Month	Total Mileage	Fuel Used (Litres)	Fuel Used (Gallons)	Economy (L/100kms)	Economy (MPG)
October	1343	199.85	43.96	9.40	30.54
November	629	111.64	24.55	11.00	25.61
December	1211	189.21	41.62	9.70	29.09
Averages	**1061**	**166.9**	**36.71**	**10.03**	**28.41**

After speed limiter was fitted mid February 2008:

Month	Total Mileage	Fuel Used (Litres)	Fuel Used (Gallons)	Economy (L/100kms)	Economy (MPG)
February	1442	197.17	43.37	8.50	33.24
March	1005	126.57	27.84	7.85	36.09
April	1335	149.55	32.99	7.00	40.58
Averages	**1260**	**157.76**	**34.73**	**7.78**	**36.63**

Trial Conclusion

1. The result clearly showed substantial fuel saving of over **25%**
2. The cost of the speed limiter would be repaid within 4 months

The trial did not take into consideration the considerable other benefits of:

- Reduction of Co2 emissions associated with improved fuel consumption
- Reduction in employer liability and corporate responsibility risks
- Lower brake, tyre and maintenance costs
- Reduction in vehicle downtime for unscheduled repair/maintenance
- Increased service life for vehicle mechanical components
- Less chance of expensively trained staff being lost through speed bans