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Typical vehicle running costs - for a petrol engine car

The RAC, in conjunction with [Emmerson Hill Associates](#), has compiled the following guide to the motoring costs of running, from new:

- a privately-owned petrol car
- for a period of three years from 2016
- assuming an annual mileage of 10,000 miles

The data below is provided without warranty.

Engine size (cc)	up to 1000	up to 1200	up to 1400	up to 1800	up to 2000	up to 2500	up to 3000	over 3000
Assumed fuel consumption (mpg)	60	50	46	40	36	31	27	25
CO2 emissions level (g/km)	under 120	121-150	151-165	166-185	186-225	226-255	226-255	255 plus
New cost incl all taxes (incl first year's VED / 'showroom tax')	£7,450	£8,950	£10,250	£13,450	£15,500	£19,750	£22,500	£27,500
Average value @ 3 years	£3,200	£3,750	£3,950	£4,750	£5,350	£6,350	£6,750	£9,750
Projected depreciation	£4,250	£5,200	£6,300	£8,700	£10,150	£13,400	£15,750	£17,750
Finance charges @ 4.8% APR	£551	£662	£759	£995	£1,147	£1,462	£1,665	£2,035
Servicing & maintenance	£550	£575	£600	£700	£880	£1,070	£1,200	£1,375
Tyres & replacement parts	£340	£370	£415	£500	£600	£760	£790	£835
Insurance premiums over 3 years	£900	£1,050	£1,095	£1,335	£1,650	£2,520	£2,805	£3,225
VED for years 2 and 3	£60	£260	£360	£450	£570	£970	£970	£1,000
RAC membership over 3 years	£495	£495	£495	£495	£495	£495	£495	£495
Total cost over 3 year period	£7,146	£8,612	£10,024	£13,175	£15,492	£20,677	£23,675	£26,715
Annual cost	£2,382	£2,871	£3,341	£4,392	£5,164	£6,892	£7,892	£8,905
Cost Per Mile (CPM) excl petrol	23.8p	28.7p	33.4p	43.9p	51.6p	68.9p	78.9p	89.1p
+ Petrol CPM @ £0.90/litre	6.8p	8.2p	8.9p	10.3p	11.4p	13.2p	15.2p	16.4p

+ Petrol CPM @ £0.95/litre	7.2p	8.6p	9.4p	10.8p	12.0p	13.9p	16.0p	17.2p
+ Petrol CPM @ £1.00/litre	7.6p	9.1p	9.9p	11.4p	12.6p	14.7p	16.9p	18.2p
+ Petrol CPM @ £1.05/litre	8.0p	9.5p	10.4p	11.9p	13.3p	15.4p	17.7p	19.1p
+ Petrol CPM @ £1.10/litre	8.3p	10.0p	10.9p	12.5p	13.9p	16.1p	18.5p	20.0p
+ Petrol CPM @ £1.15/litre	8.7p	10.4p	11.3p	13.1p	14.5p	16.8p	19.3p	20.9p
+ Petrol CPM @ £1.20/litre	9.1p	10.9p	11.8p	13.6p	15.1p	17.6p	20.2p	21.8p

The press office email address is press.enquiries@rac.co.uk and media centre is at media.rac.co.uk. **Please note:** the press office is unable to help with individual customer enquiries - please visit the [RAC contacts page](#) to find the right contact.

About the RAC

The RAC, an iconic UK brand, provides complete peace of mind to 13 million UK private and business drivers, whatever their motoring needs. As well as its premium nationwide breakdown assistance service – with an expert branded patrol workforce attending more than two million breakdowns every year – it offers a wide range of market-leading products across insurance, legal services, vehicle inspections and service, maintenance and repair. The RAC is also at the forefront in helping drivers make the switch to electric vehicles and leads in the development of new solutions for businesses and OEMs, partnering with the best in the motoring and mobility space.

Visit the [RAC website](#).

Contacts



Contact the RAC Press Office

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