

# RAC Motoring Services

## Illustrative Vehicle Running Costs

### Petrol Engines - 2016



#### Illustrative vehicle running costs

RAC Motoring Services, in conjunction with Emmerson Hill Associates (Vehicle Management Consultants), have compiled the following *illustrative* vehicle running costs. The figures represent a guide to the cost of running, from new, a **privately owned** petrol car for a period of **three years** with **an annual mileage of 10,000 miles**.

Engine size (cc)	Up to							
	1000	1200	1400	1800	2000	2500	3000	over 3000
Assumed fuel consumption	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
<b>New cost incl all taxes **</b>	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 charge @ 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 3 years	900	1,050	1,095	1,335	1,650	2,520	2,805	3,225
Excise licences next 2 years	60	260	360	450	570	970	970	1,000
RAC Membership 3 years	495	495	495	495	495	495	495	495
<b>Total cost over 3 year period</b>	<b>7,146</b>	<b>8,612</b>	<b>10,024</b>	<b>13,175</b>	<b>15,492</b>	<b>20,677</b>	<b>23,675</b>	<b>26,715</b>
<b>Annual cost</b>	<b>2,382</b>	<b>2,871</b>	<b>3,341</b>	<b>4,392</b>	<b>5,164</b>	<b>6,892</b>	<b>7,892</b>	<b>8,905</b>
<b>Cost per mile excl petrol</b>	<b>23.8</b>	<b>28.7</b>	<b>33.4</b>	<b>43.9</b>	<b>51.6</b>	<b>68.9</b>	<b>78.9</b>	<b>89.1</b>
	▼ For total add fuel CPM below ▼							
Petrol CPM @ <b>£1.10/litre</b> ►	8.3	10.0	10.9	12.5	13.9	16.1	18.5	20.0
Petrol CPM @ <b>£1.15/litre</b> ►	8.7	10.4	11.3	13.1	14.5	16.8	19.3	20.9
Petrol CPM @ <b>£1.20/litre</b> ►	9.1	10.9	11.8	13.6	15.1	17.6	20.2	21.8

#### For further information

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For information on RAC Services or to download a copy of the **RAC Report on Motoring** visit the RAC website [www.rac.co.uk](http://www.rac.co.uk)  
[rac.co.uk/advice/report-on-motoring](http://rac.co.uk/advice/report-on-motoring)  
**Latest fuel price breakdown from:**  
<http://www.rac.co.uk/advice/fuel-watch>

\*\* Includes cost of first year VED/Showroom tax

# RAC Motoring Services

## Illustrative Vehicle Running Costs

### Diesel Engines - 2016



#### Illustrative vehicle running costs

RAC Motoring Services, in conjunction with Emmerson Hill Associates (Vehicle Management Consultants), have compiled the following *illustrative* vehicle running costs. The figures represent a guide to the cost of running, from new, a **privately-owned** diesel car for a period of **three years** with an **annual mileage of 10,000 miles**.

Engine size (cc)	up to 1400	up to 1400	1401-2000	2001-2200	2001-2200	2201-2500	2501-3000	over 3000
Assumed fuel consumption	60	58	53	42	40	39	36	34
CO2 emissions level (g/km)	under 120	121-150	151-165	166-185	186-225	226-255	255 plus	255 plus
New cost incl all taxes **	9,750	9,950	13,750	19,750	21,500	24,950	29,750	31,500
Average value @ 3 years	3,950	4,250	5,950	8,250	8,750	9,650	11,750	12,250
Projected depreciation	5,800	5,700	7,800	11,500	12,750	15,300	18,000	19,250
Finance charges @ 4.8% APR	722	736	1,018	1,462	1,591	1,846	2,202	2,331
Servicing & maintenance	520	520	760	1,075	1,075	1,440	1,520	1,650
Tyres & replacement parts	350	350	475	595	595	625	650	750
Insurance premiums 3 years	1050	1050	1,335	1,650	1,650	2,520	3,225	3,750
Excise licences next 2 yrs	60	260	360	450	570	970	1000	1000
RAC Membership 3 years	495	495	495	495	495	495	495	495
Cost excl fuel over 3 years	8,997	9,111	12,243	17,227	18,726	23,196	27,092	29,226
Annual cost	2,999	3,037	4,081	5,742	6,242	7,732	9,031	9,742
<b>Cost per mile excl diesel</b>	<b>30.0</b>	<b>30.4</b>	<b>40.8</b>	<b>57.4</b>	<b>62.4</b>	<b>77.3</b>	<b>90.3</b>	<b>97.4</b>
	▼ For total add fuel CPM below ▼							
Diesel CPM @ <b>£1.10/litre</b> ►	<b>8.3</b>	<b>8.6</b>	<b>9.4</b>	<b>11.9</b>	<b>12.5</b>	<b>12.8</b>	<b>13.9</b>	<b>14.7</b>
Diesel CPM @ <b>£1.15/litre</b> ►	<b>8.7</b>	<b>9.0</b>	<b>9.8</b>	<b>12.4</b>	<b>13.1</b>	<b>13.4</b>	<b>14.5</b>	<b>15.4</b>
Diesel CPM @ <b>£1.20/litre</b> ►	<b>9.1</b>	<b>9.4</b>	<b>10.3</b>	<b>13.0</b>	<b>13.6</b>	<b>14.0</b>	<b>15.1</b>	<b>16.0</b>

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# RAC Motoring Services

## Illustrative Running Costs

### Motorcycles - 2016



#### Illustrative motorcycle running costs

RAC Motoring Services, in conjunction with Emmerson Hill Associates (Vehicle Management Consultants), have compiled the following illustrative motorcycle running costs. The figures represent a guide to the cost of running a privately-owned motorcycle for a **period of three years** with **an annual mileage of 6,000 miles**.

Engine size (cc) ▶	up to							over 1000cc
	100cc	125cc	250cc	400cc	600cc	750cc	1000cc	
Assumed fuel consumption	80	68	56	48	45	43	37	33
Average cost new	1,950	2,150	2,950	4,250	4,500	4,950	5,950	7,500
Average value @ 3 years	950	1,250	1,850	2,150	2,650	3,100	3,500	4,450
Projected depreciation	1,000	900	1,100	2,100	1,850	1,850	2,450	3,050
Finance charge @ 4.8% APR	144	159	218	315	333	366	440	555
Fuel cost @ <b>£1.10/litre</b>	1,123	1,321	1,604	1,871	1,996	2,089	2,428	2,722
Insurance & repairs (3 years)	650	825	975	1,050	1,325	1,325	1,550	1,550
Servicing & maintenance	250	295	525	550	600	725	795	825
Tyres & replacement parts	350	450	650	690	740	820	820	900
Excise licences 3 years	51	51	114	114	174	240	240	240
RAC Membership	150	150	150	150	150	150	150	150
Protective clothing/helmet	425	425	525	525	525	525	525	525
<b>Total cost over 3 year period</b>	<b>4,143</b>	<b>4,576</b>	<b>5,861</b>	<b>7,365</b>	<b>7,693</b>	<b>8,090</b>	<b>9,398</b>	<b>10,517</b>
<b>Annual cost</b>	<b>1,381</b>	<b>1,525</b>	<b>1,954</b>	<b>2,455</b>	<b>2,564</b>	<b>2,697</b>	<b>3,133</b>	<b>3,506</b>
<b>Total cost per mile in pence</b>	<b>23.0</b>	<b>25.4</b>	<b>32.6</b>	<b>40.9</b>	<b>42.7</b>	<b>44.9</b>	<b>52.2</b>	<b>58.4</b>

#### For further information

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