

**Table is a comparison from a search of Autotrader on 19<sup>th</sup> March 2024.**

**Search criteria:**

**Type of vehicle – Estate, Hatchback, Saloon and MPV**

**Age: 2013 and newer**

**Mileage: Up-to 50,000 miles**

**Doors: 5 door**

**Current fleet make up and most popular make:**

**Electric – we have 61 electric vehicles licensed and the most popular vehicle make is Nissan with 26.**

**Ultra-low (plug-in) – we have 33 ultra low vehicles and the most popular vehicle make is Hyundai with 8, Toyota with 6 and Mercedes with 6.**

**Standard Hybrid – we have 89 standard hybrid vehicles licensed and the most popular make is Toyota with 74.**

	<b>Electric</b>	Nissan (Electric)	<b>Ultra Low (Plug in)</b>	Hyundai (Ultra Low)	Toyota (Ultra Low)	Mercedes (Ultra Low)	<b>Standard Hybrid</b>	Toyota (Standard Hybrid)
No. available nationwide	7800	1295	2407	88	38	182	7015	3422
No. of Silver available nationwide	352	87	143	15	2	19	637	404
Lowest Price	£3650	£3650	£9650	£13490	£11495	£14499	£6000	£7270
Highest Price	£168000	£36140	£79999	£22368	£28650	£61509	£40770	£37395
No. available within 50 miles of Cambridge	1786	238	473	24	18	58	1466	721
No. of Silver available nationwide	91	13	30	3	1	4	128	71
Lowest Price	£3900	£4650	£9995	£14250	£11495	£16458	£6750	£8200
Highest Price	£168000	£36140	£66750	£28650	£28650	£61509	£40455	£37395
Performance	Nissan leaf: <b>3-5miles /kwh</b> - AVG MK2 Leaf: <b>3.6 miles/kwh</b>		Hyundai Ioniq – 2016-22 model Plug in Hybrid:				Toyota Prius 2016-2022 model real world MPG:- <b>50.94 Miles Per Gallon</b> (combined)	

		All Electric miles /kwh: Average <b>4.15 mile/ kwh</b>				
		Real World MPG (Petrol) <b>70.6 MPG</b>				
Cost Per Mile comparison	Cost per mile (Domestic Energy Price Cap 24.5p/kwh):  <b>6.8p/mile</b>  Cambridge Taxi rate Rapid charge (57p/kwh):  <b>15.8p/mile</b>  *OVO EV 'Charge Anytime' - smart tariff (7p/kwh)  <b>1.94p/mile</b>	Cost per mile (Domestic Energy Price Cap 24.5p/kwh): electric  <b>5.9p/mile</b>  Cambridge Taxi rate Rapid charge (57p/kwh): Electric  <b>13.7p/mile</b>  Cost per mile @ £1.50 /litre petrol <b>9.6p/mile</b>			Cost per mile @ £1.50 /litre  <b>13.4p/mile</b>	
Battery Range	Nissan Leaf Range by model year:  2011-2015: <b>84 miles</b>  2016: <b>84-107 miles</b>	Hyundai Ioniq 2016-2022  <b>All electric range 39 miles</b>	Toyota Prius Plug in Hybrid	Mercedes-Benz C 300 e Plug-in Hybrid All Electric	na	na

	2018: <b>150 miles</b> 2019: <b>226 miles</b> 2022: <b>239 Miles</b>	<b>Combined Range 660 miles</b>	All electric range: <b>15.5 miles</b>	range: <b>34miles</b>		
--	--	---------------------------------	--	--------------------------	--	--

Performance Data Sources: Green Car Guide / Auto Express

## Age Requirements of Vehicle

The policy allows a vehicle licence to be renewed if the vehicle is less than 11 years old.

Research has been carried out to show when the current licensed vehicles would reach the 11 year age limit.

	<b>Standard Hybrid HCVs</b>	<b>Change from current total</b>	<b>Standard Hybrid PHVs</b>	<b>Change from current total</b>	<b>Petrol or Diesel HCVs (not including WAVs)</b>	<b>Change from current total</b>	<b>Petrol or Diesel PHVs</b>	<b>Change from current total</b>
<b>All</b>	<b>52</b>	<b>N/A</b>	<b>31</b>	<b>N/A</b>	<b>44</b>	<b>N/A</b>	<b>33</b>	<b>N/A</b>
<b>30<sup>th</sup> June 2024</b>	<b>52</b>	<b>0</b>	<b>31</b>	<b>0</b>	<b>43</b>	<b>-1</b>	<b>32</b>	<b>-1</b>
<b>30<sup>th</sup> June 2025</b>	<b>50</b>	<b>-2</b>	<b>31</b>	<b>0</b>	<b>40</b>	<b>-4</b>	<b>29</b>	<b>-4</b>
<b>30<sup>th</sup> June 2026</b>	<b>40</b>	<b>-12</b>	<b>29</b>	<b>-2</b>	<b>35</b>	<b>-9</b>	<b>23</b>	<b>-10</b>
<b>30<sup>th</sup> June 2027</b>	<b>33</b>	<b>-19</b>	<b>27</b>	<b>-4</b>	<b>25</b>	<b>-19</b>	<b>15</b>	<b>-18</b>
<b>30<sup>th</sup> June 2028</b>	<b>26</b>	<b>-26</b>	<b>24</b>	<b>-7</b>	<b>7</b>	<b>-37</b>	<b>1</b>	<b>-32</b>
<b>30<sup>th</sup> June 2029</b>	<b>19</b>	<b>-33</b>	<b>23</b>	<b>-8</b>	<b>4</b>	<b>-40</b>	<b>1</b>	<b>-32</b>
<b>30<sup>th</sup> June 2030</b>	<b>14</b>	<b>-38</b>	<b>19</b>	<b>-12</b>	<b>0</b>	<b>-44</b>	<b>0</b>	<b>-33</b>

Based on the above information, between the 1<sup>st</sup> July 2024 and 30<sup>th</sup> June 2025, only 2 standard Hybrid vehicles would not have the licence renewed due to the age of the vehicle. By 30<sup>th</sup> June 2026 a further 12 Standard Hybrid Vehicles would be too old to renew the licence. This is 14 Standard Hybrid vehicles out of the 372 total vehicles on the fleet that would be impacted by the change and have to find a different type of vehicle to licence.