

# Automated Vehicles Bill [HL]

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## SECOND MARSHALLED

## LIST OF AMENDMENTS

## TO BE MOVED

## IN COMMITTEE OF THE WHOLE HOUSE

*The amendments have been marshalled in accordance with the Instruction of 28th November 2023, as follows –*

Clauses 1 to 37	Schedule 4
Schedule 1	Clauses 67 to 81
Clauses 38 to 45	Schedule 5
Schedule 2	Clauses 82 to 84
Clauses 46 to 54	Schedule 6
Schedule 3	Clauses 85 to 100
Clauses 55 to 66	Title

*[Amendments marked ★ are new or have been altered]*

**Amendment  
No.**

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**After Clause 6**

BARONESS RANDERSON

**23** After Clause 6, insert the following new Clause –

**“Commencement of sections 5 and 6: review of road infrastructure**

- (1) Before making regulations commencing sections 5 and 6 of this Act, the Secretary of State must undertake a review to identify how widespread issues with the condition of the roads might impact the safe operation of automated vehicles.
- (2) The review must also outline a strategy for improving road infrastructure in locations where this would put the safe operation of automated vehicles at risk and must make a recommendation as to whether a body should be established to design the improvements required.”

***Member's explanatory statement***

*This amendment would require the Government to review the impact of road infrastructure and the potential impact of poor road quality on automated vehicles, before commencing and making authorisations under sections 5 and 6.*

## BARONESS RANDERSON

24 After Clause 6, insert the following new Clause –

**“Commencement of sections 5 and 6: review of telecommunications network coverage**

- (1) Before making regulations commencing sections 5 and 6 of this Act, the Secretary of State must undertake a review how gaps in network coverage might impact the safe operation of automated vehicles.
- (2) The review must also outline a strategy for improving network coverage in locations where this would put the safe operation of automated vehicles at risk.”

*Member's explanatory statement*

*This amendment would require the Government to review the impact of gaps in telecommunications network coverage on automated vehicles, before commencing and making authorisations under sections 5 and 6.*

## BARONESS RANDERSON

25 After Clause 6, insert the following new Clause –

**“Commencement of sections 5 and 6: review of the MOT regime**

- (1) Before making regulations commencing sections 5 and 6 of this Act, the Secretary of State must undertake a review of whether the MOT regime is fit for purpose in light of the changes to the regulation of automated vehicles introduced by this Act.
- (2) The review must in particular assess whether an MOT adequately covers the testing of both mechanical and software components of an automated vehicle.”

*Member's explanatory statement*

*This amendment would require the Government to review the current MOT regime before commencing and making authorisations under sections 5 and 6.*

**Clause 10**

## LORD LIDDLE

26 Clause 10, page 7, line 11, at end insert –

“(1A) The register referred to in subsection (1) must be made available online.”

*Member's explanatory statement*

*This would mean that the register of automated vehicle registrations is available online.*

**After Clause 11**

LORD HOLMES OF RICHMOND  
BARONESS BRINTON

**26A** After Clause 11, insert the following new Clause –

**“Statement of accessibility principles**

- (1) The Secretary of State must prepare a statement of the principles that they propose to apply in assessing, for the purposes of this Part, whether an automated vehicle meets the required level of accessibility.
- (2) The principles must make provision for the accessibility of –
  - (a) physical features and structures of the automated vehicle,
  - (b) computer and software systems used in the automated vehicle, and
  - (c) where relevant, booking platforms and other interactive digital services and systems used prior to, during and after using an automated vehicle, including through underpinning such services and systems with mechanisms to allow human intervention if required.
- (3) In preparing the statement under subsection (1), the Secretary of State must consult such persons they consider appropriate, in particular disabled people.
- (4) The statement under subsection (1) should include consideration of the accessibility of infrastructure with which automated vehicles must interact, such as pavements, kerbs, drop off and parking points.”

**Clause 12**

BARONESS BOWLES OF BERKHAMSTED

**27** Clause 12, page 8, line 28, after “standing,” insert “which may include insurance and captive insurance cover,”

LORD LIDDLE

**28** Clause 12, page 8, line 30, at end insert –

- “(c) that a licensed operator has sufficient safeguards in the case of a system fault to meet the equivalent level of safety which a careful and competent human driver would exhibit.”

***Member's explanatory statement***

*This would ensure that if a No-user in charge autonomous vehicle were to suffer a fault, it has sufficient safeguards in place to ensure that safety is not compromised by not having a fit and competent human driver in a position to assume control of the vehicle.*

**Clause 14**

BARONESS BOWLES OF BERKHAMSTED

29 Clause 14, page 9, line 25, at end insert –

“(5) Any information sharing under this section must respect rights of ownership and privacy, including with a view to compensation in respect of any commercial rights.”

**Clause 17**

LORD LIDDLE

30 Clause 17, page 11, line 20, at end insert –

“(6) The Secretary of State must lay before Parliament an annual estimate of the cost of controlling data obtained from powers in this section.”

***Member's explanatory statement***

*This is to probe the cost of controlling data obtained from powers in this section.*

**Clause 22**

BARONESS BOWLES OF BERKHAMSTED

31 Clause 22, page 13, line 39, at end insert “and must notify the provider of any such use”

***Member's explanatory statement***

*This amendment is intended to probe how the Secretary of State will keep track of sources and uses of information given that the use to which it can be put can be changed, noting the narrower provisions in subsection (3), and to alert the provider of the information to any change of use.*

**Clause 38**

LORD LIDDLE

32 Clause 38, page 25, line 35, at end insert –

“(3A) The report referred to in subsection (3) must include data on how many safety incidents have been reported to the Secretary of State in the reporting period, and analysis of whether the data indicates that authorised automated vehicles are safe.”

***Member's explanatory statement***

*This aims to ensure that reports to assess and monitor automated vehicle performance includes safety data and analysis.*

## LORD LIDDLE

33 Clause 38, page 25, line 35, at end insert –

“(3A) The report referred to in subsection (3) must be laid before Parliament.”

***Member's explanatory statement***

*This means that reports to assess and monitor automated vehicle performance is laid before both Houses of Parliament.*

**Clause 42**

## BARONESS BOWLES OF BERKHAMSTED

34 Clause 42, page 29, line 12, at end insert “and both fair and reasonable compensation and protection of personal data are provided”

BARONESS BRINTON  
BARONESS RANDERSON

*The above-named Lords give notice of their intention to oppose the Question that Clause 42 stand part of the bill.*

**After Clause 42**

BARONESS BRINTON  
BARONESS RANDERSON

35 After Clause 42, insert the following new Clause –

**“Report on use of personal data in relation to automated vehicles**

- (1) Within one year of the day on which this Act is passed, and every year thereafter, the Secretary of State must lay before Parliament a report on the use of personal data collected from automated vehicles.
- (2) The report in subsection (1) must cover but need not be limited to –
  - (a) levels of compliance with data protection legislation within the automated motor industry,
  - (b) instances where the Secretary of State has made regulations under section 42(3) of this Act (protection of information), and the impact of those regulations on personal data protection, and
  - (c) any significant trends in the collection of personal data and whether further action is needed to regulate the collection of personal data.”

***Member's explanatory statement***

*This amendment would require the Secretary of State to report to Parliament on the collection of personal data from automated vehicles.*

BARONESS BRINTON  
BARONESS RANDERSON

36 After Clause 42, insert the following new Clause –

**“Consultation with the Information Commissioner’s Office in relation to personal data**

Before making regulations under section 42 of this Act (Protection of information), or any other regulations or requirements in relation to the provision of personal data in automated vehicles, the Secretary of State must consult the Information Commissioner’s Office.”

*Member’s explanatory statement*

*This amendment would require the Secretary of State to consult the ICO before making regulations in relation to the provision of personal data relevant to automated vehicles.*

**Clause 43**

LORD LIDDLE

37 Clause 43, page 29, line 17, at end insert “or to contribute to the adaptation of roads for use of automated vehicles”

*Member’s explanatory statement*

*This is to probe whether the government plans to adapt roads for automated vehicles and how this may be paid for.*

**After Clause 43**

LORD BERKELEY

37A After Clause 43, insert the following new Clause –

**“Conferring functions on the Office of Rail and Road**

- (1) The Secretary of State may by regulations confer powers and functions in relation to the operator licensing scheme under this Act onto the Office of Rail and Road.
- (2) Regulations under subsection (1) may make provision for the Office of Rail and Road to charge a licence fee or payment of a levy from authorised self-driving entities in the carrying out of the operator licensing scheme functions.
- (3) In relation to the exercise of any power by the Office of Rail and Road further to regulations under this section, references in this Act to the Secretary of State are to be read as including the Office of Rail and Road.
- (4) In making regulations under this section, the Secretary of State may issue guidance to the Office of Rail and Road regarding how operator licensing scheme functions should be exercised.

- (5) If guidance is issued under subsection (4), the Office of Rail and Road must exercise its functions under this section with regard to that guidance.
- (6) A statutory instrument containing regulations under this section may not be made unless a draft of the instrument has been laid before and approved by a resolution of each House of Parliament.”

## Schedule 2

LORD LIDDLE

38 Schedule 2, page 80, leave out lines 17 to 19

*Member's explanatory statement*

*This is a consequential amendment on Lord Liddle's other amendment to insert a new clause entitled 'Liability of insurers'.*

## After Clause 56

LORD LIDDLE  
BARONESS RANDESON

39 After Clause 56, insert the following new Clause—

**“Accident liability**

- (1) When a person on a road or other place in Britain suffers damage as a result of an accident involving an authorised automated vehicle and the person was not at the time the driver or rider of a motor vehicle, it shall be assumed for the purpose of this section that the authorised automated vehicle caused the accident unless proved otherwise.
- (2) For the purpose of this section, a “motor vehicle” has the same meaning as in sections 185 (meaning of “motor vehicle”) and 189 (certain vehicles not to be treated as motor vehicles) of the Road Traffic Act 1988.”

*Member's explanatory statement*

*This is to probe the possible removal of onus on injured pedestrians, cyclists and other non-motorised individuals.*

## Clause 61

LORD LIDDLE

40 Clause 61, page 44, line 6, at end insert “unless the investigation concludes that a failure in the technology of an automated vehicle is at fault.”

*Member's explanatory statement*

*This is related to the amendment in the name of Lord Liddle to Clause 68, page 48, line 22.*

**Clause 68**

LORD LIDDLE

- 41 Clause 68, page 48, line 22, at end insert “, who must lay this report before Parliament should the investigation find a technological failure of an automated vehicle to be the cause, or one of the causes, of an incident.”

***Member's explanatory statement***

*This would ensure that parliament is kept informed of incidents in which an automated vehicle failure has resulted in a collision.*

**Clause 83**

BARONESS BRINTON

*Baroness Brinton gives notice of her intention to oppose the Question that Clause 83 stand part of the Bill.*

***Member's explanatory statement***

*This seeks to probe how taxis, private hire vehicles and buses can provide services for all those with disabilities in light of the disapplication of public transport legislation provided for by this section.*

**Clause 88**

BARONESS BOWLES OF BERKHAMSTED

- 42 Clause 88, page 62, line 27, at end insert “and both fair and reasonable compensation and protection of personal data are provided”

**Clause 91**

BARONESS RANDERSON

- 43 Clause 91, page 64, line 23, at end insert –
- “(c) requirements designed to ensure compliance with type approval legislation in the event that a manufacturer or software developer ceases trading, for example relating to software updates.”

***Member's explanatory statement***

*This amendment seeks to probe whether provision will be made for cases where a manufacturer or software developer ceases trading but automated vehicles may require software updates to remain safe for use on the roads.*



**After Clause 93**

LORD LUCAS

44 After Clause 93, insert the following new Clause –

**“Automated charging and refuelling**

In section 10(1) of the Automated and Electric Vehicles Act 2018, after paragraph (c) insert –

“(d) providing facilities to enable automated vehicles to connect without human intervention.””

LORD LUCAS

45 After Clause 93, insert the following new Clause –

**“Automated vehicles’ use of railway track**

In section 17(2)(a) of the Railways Act 1993, after “trains” insert “, or automated vehicles within the meaning of the Automated Vehicles Act 2024,””

LORD LIDDLE

46 After Clause 93, insert the following new Clause –

**“Consultation responsibilities**

The Secretary of State has a responsibility to consult and seek advice regarding the implementation of this Act including from representatives of trade unions and relevant businesses.”

***Member’s explanatory statement***

*This places a responsibility on the Secretary of State to consult trade unions and businesses.*

LORD LIDDLE

47 After Clause 93, insert the following new Clause –

**“Impact on driving skills**

Within 10 years, but no earlier than 9 years, of the day on which this Act is passed, a Minister of the Crown must lay before Parliament a report on the impact of this Act on driving skills.”

***Member’s explanatory statement***

*This is to probe how the government will maintain driving skills amongst the public if they mostly rely on automated vehicles.*

LORD LIDDLE

48 After Clause 93, insert the following new Clause –

**“Driving licences**

In Regulation 4(1) of the Motor Vehicles (Driving Licences) Regulations 1999 (S.I. 1999/2864), after “vehicles” insert “, including automated vehicles,””

***Member's explanatory statement***

*This is to probe whether drivers of automated vehicles will be required to possess a driving licence.*

LORD LIDDLE

49 After Clause 93, insert the following new Clause –

**“Advisory Council**

- (1) Within six months of the passing of this Act the Secretary of State must establish a council to advise on the implementation of this Act, with a focus on learning lessons from any accidents involving automated vehicles.
- (2) The Advisory Council must include representatives from –
  - (a) consumer groups;
  - (b) organisations representing drivers;
  - (c) road safety experts;
  - (d) relevant businesses such as automobile manufacturers, vehicle insurance providers and providers of delivery and public transport services;
  - (e) trade unions;
  - (f) the police and other emergency services;
  - (g) highway authorities.
- (3) The Secretary of State must designate a relevant officer of the Department to send reports to the Advisory Council on the roll out of self driving vehicles and any issues of public policy that arise.
- (4) The Advisory Council must report regularly to Parliament on the advice it has provided, and any related matters relevant to the roll out of self driving vehicles and associated public policy.”

LORD LIDDLE

50 After Clause 93, insert the following new Clause –

**“Funding of Changes to Roads and Associated Infrastructure**

Within six months of the passing of this Act, the Secretary of State must lay a statement before Parliament which includes details of any expected changes to road and associated infrastructure as a result of the implementation of this Act, and details of how these changes will be funded including through any extra burdens on highway authorities.”

***Member's explanatory statement***

*This is to probe how changes to road and associated infrastructure will be funded.*

LORD LIDDLE

51 After Clause 93, insert the following new Clause –

**“Automated Public Transport**

Within six months of the passing of this Act the Secretary of State must lay a statement before Parliament which includes a strategy for using automated vehicles as public transport and how its application might improve accessibility in rural and small town areas with limited conventional public transport.”

***Member's explanatory statement***

*This is to probe the possibility of automated vehicles being used as public transport.*

LORD LIDDLE

52 After Clause 93, insert the following new Clause –

**“Liability of insurers**

Section 2 of the Automated and Electric Vehicles Act 2018 (liability of insurers etc where accident caused by automated vehicle) is amended as follows –

- (a) in subsection (1)(a), omit “when driving itself”
- (b) in subsection (2)(a), omit “when driving itself””

***Member's explanatory statement***

*This new clause would remove the need for people to have to prove that an automated vehicle was “driving itself” if they have been injured and make a legal claim for compensation under Section 2 of the Automated and Electric Vehicles Act 2018.*

BARONESS BRINTON  
BARONESS RANDERSON

53 After Clause 93, insert the following new Clause –

**“The Automated Vehicles Accessibility Standards Panel**

- (1) An advisory panel called the Automated Vehicles Accessibility Standards Panel is established for the purpose of designing a national minimum standard for accessibility of self-driving passenger service vehicles.
- (2) The Secretary of State must make regulations setting out the composition and duties of the panel.
- (3) Regulations under subsection (2) must ensure the panel has sufficient representation from disabled people.

- (4) A statutory instrument containing regulations under subsection (2) may not be made unless a draft of the instrument has been laid before, and approved by a resolution of, each House of Parliament.”

***Member's explanatory statement***

*This amendment would establish a statutory advisory panel with the purpose of designing a national minimum standard for accessibility of self-driving passenger service vehicles.*

BARONESS RANDERSON

54 After Clause 93, insert the following new Clause –

**“Review of the regulation of personal delivery devices**

- (1) Within one year of the day on which this Act is passed the Secretary of State must lay before Parliament a review of the impact of this Act on personal delivery devices to which the Act applies.
- (2) The review in subsection (1) must make a recommendation as to whether further legislation is needed to ensure that personal delivery devices are effectively regulated.
- (3) In this section a “personal delivery device” means an automated self-driving delivery device that operates primarily on roads.”

***Member's explanatory statement***

*This amendment would require the Government to review the impact of the bill on personal delivery devices, and make a recommendation as to whether further regulation is needed.*

BARONESS RANDERSON

55 After Clause 93, insert the following new Clause –

**“New rules for driving tests**

- (1) Within three years of the day on which this Act is passed, and every three years thereafter, the Secretary of State must review the rules for driving tests to ensure that the general public has –
  - (a) the skills needed to safely drive automated vehicles, and
  - (b) the skills needed to safely drive non-automated vehicles, where the use of automated vehicles is widespread.
- (2) The Secretary of State must consider any necessary changes to the driving test rules arising from the review.
- (3) The review under subsection (1) may also consider whether drivers should undertake periodic retraining courses, especially where subsection (1)(b) applies.”

***Member's explanatory statement***

*This amendment would require the Secretary of State to periodically review the rules for driving tests to ensure the public can safely drive both automated and non-automated vehicles in places*

*where there are many automated vehicles on the roads and would allow the Secretary of State to update rules for driving tests in light of the review.*

LORD HOLMES OF RICHMOND

**55A** After Clause 93, insert the following new Clause –

**“Guidance: accessibility of vehicle data**

Within three months of the day on which this Act is passed, the Secretary of State must carry out a review and publish guidance on the accessibility of data from automated vehicles in the event of an accident to assist in the establishment of liability.”

LORD HOLMES OF RICHMOND

**55B** After Clause 93, insert the following new Clause –

**“Third party data oversight body**

- (1) Within three months of the day on which this Act is passed the Secretary of State must establish a third party data oversight body.
- (2) The body established under subsection (1) is responsible for ensuring the safe, permissioned and secure use of data collected by automated vehicles and connected services, software and platforms.”

LORD HOLMES OF RICHMOND

**55C** After Clause 93, insert the following new Clause –

**“Interoperability of software and data systems**

Onboard and remote software and data systems must be interoperable between all models of automated vehicles and public transport control and operation centres.”

LORD HOLMES OF RICHMOND

**55D** After Clause 93, insert the following new Clause –

**“Public engagement programme**

- (1) Within six months of the day on which this Act is passed, the Secretary of State must launch a public engagement programme setting out information about automated vehicle technologies, regulations, use and opportunities.
- (2) In preparing the programme under subsection (1), the Secretary of State must consult such persons as they consider appropriate, including –
  - (a) automated vehicle manufacturers,

- (b) automated vehicle sales companies,
- (c) automated vehicle lease companies, and
- (d) relevant trade associations.”

BARONESS RANDERSON

**55E** After Clause 93, insert the following new Clause –

**“Workforce strategy**

- (1) Within one year of the day on which this Act is passed the Secretary of State must lay before Parliament a report outlining the Government’s strategy in relation to the workforce of the automated vehicles industry in the United Kingdom.
- (2) The review in subsection (1) must cover, but need not be limited to, the action the Government intends to take to –
  - (a) ensure the workforce has the skills and training needed, and
  - (b) improve the skills and training of the United Kingdom workforce.
- (3) The review must in particular cover skills in the development of software for automated vehicles and in cyber security and data protection.”

***Member's explanatory statement***

*This amendment would require the Government to publish a strategy on the workforce of the automated vehicles industry.*

LORD LIDDLE

**55F** After Clause 93, insert the following new Clause –

**“Insurance and maintenance of automated vehicles**

Within 90 days of the day on which this Act is passed, a Minister of the Crown must lay a statement before Parliament explaining who will be responsible for insuring and maintaining automated vehicles.”

***Member's explanatory statement***

*This aims to probe who is responsible for insuring and maintaining the vehicles, as referenced in paragraphs 18, 32 and 98 in the Bill’s explanatory notes and not included in the legislation.*

LORD LIDDLE

**55G** After Clause 93, insert the following new Clause –

**“User-in-charge: reaction times**

Within two years of day on which this Act is passed, a Minister of the Crown must lay before Parliament the report of a study into reaction times between users-in-charge of automated vehicles receiving an instruction to take full control

of an automated vehicle and reacting safely to the obstacle that the self-driving vehicle was incapable of dealing with.”

***Member's explanatory statement***

*This aims to probe how long it takes for a user-in-charge to not only take back control, but to understand their surroundings, fully re-engage with the driving task, and react safely to the obstacle that the self-driving vehicle was incapable of dealing with.*

LORD LIDDLE

**55H** After Clause 93, insert the following new Clause –

**“Information for insurance underwriting purposes**

Within 90 days of the day on which this Act is passed, a Minister of the Crown must lay a statement before Parliament on the information which will be published to ensure automated vehicles are fit for insurance underwriting purposes.”

***Member's explanatory statement***

*This aims to probe what information will be published to ensure vehicles are fit for insurance underwriting purposes.*

**Clause 94**

LORD LIDDLE

**56** Clause 94, page 68, line 16, at end insert “or a delivery robot vehicle”

***Member's explanatory statement***

*This probes whether delivery robots are excluded from the Bill.*

LORD LIDDLE

**56A** Clause 94, page 68, line 16 at end insert –

““automated”, “autonomous”, “autonomously” and “self-driving” mean capable of driving without human input.”

***Member's explanatory statement***

*This aims to probe the difference between “automated,” “autonomous,” “autonomously” and “self-driving”, which are each referenced in the Bill.*

**Clause 97**

BARONESS BRINTON

**57** Clause 97, page 70, line 7, after “Cymru” insert “, or under section (*The Automated Vehicles Accessibility Standards Panel*),”

## LORD BERKELEY

- 57A Clause 97, page 70, line 7, after “Cymru” insert “, or under section (*Conferring functions on the Office of Rail and Road*),”

## Clause 99

## BARONESS RANDERSON

- 58 Clause 99, page 70, line 30, at end insert “, subject to (*Commencement of sections 5 and 6: review of road infrastructure*).”

## BARONESS RANDERSON

- 59 Clause 99, page 70, line 30, at end insert “, subject to (*Commencement of sections 5 and 6: review of the MOT regime*).”

## BARONESS RANDERSON

- 60 Clause 99, page 70, line 30, at end insert “, subject to (*Commencement of sections 5 and 6: review of telecommunications network coverage*).”

## LORD MOYLAN

- 61 Clause 99, page 71, line 1, at end insert –  
“(7) Regulations under this section may not be made until the Secretary of State has published a draft strategy and launched a consultation on the strategy setting out the contribution automated vehicles could make to rural communities, particularly in regard to reducing isolation and improving connectivity.”

## LORD MOYLAN

- 62 Clause 99, page 71, line 1, at end insert –  
“(7) Regulations under this section may not be made until the Secretary of State has launched a public consultation for updating the Manual for Streets to take into account the consequences for streetscapes of the introduction of automated vehicles, particularly in urban areas.”

## LORD MOYLAN

- 63 Clause 99, page 71, line 1, at end insert –  
“(7) Regulations under this section may not be made until a statement has been made to each House of Parliament on the changes that the Secretary of State considers



necessary to legislation governing the management of the highways as a result of the introduction of automated vehicles on roads in the United Kingdom.”

# Automated Vehicles Bill [HL]

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SECOND MARSHALLED  
LIST OF AMENDMENTS  
TO BE MOVED  
IN COMMITTEE OF THE WHOLE HOUSE

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*11 January 2024*

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PUBLISHED BY AUTHORITY OF THE HOUSE OF LORDS