

A brief guide to the new Direct Vision Standard and the tougher Low Emission Zone standards

Coming London-wide from 26 October 2020



CLEANER AIR
FOR LONDON

**VISION
ZERO**
Travel Safe. Save Lives



MAYOR OF LONDON



**TRANSPORT
FOR LONDON**
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Message from the Mayor

As Mayor of London, I am committed to improving road safety and air quality in our city for everyone.

It is neither inevitable nor acceptable that anyone should be killed or seriously injured when travelling in London. Blind spots in heavy goods vehicles (HGVs) are a major contributory factor in fatal collisions involving cyclists and pedestrians on London's roads.

Air pollution in London is at crisis levels, causing thousands of premature deaths every year, and road transport emissions are the biggest source of air pollution. Older, polluting heavy vehicles such as lorries, buses, coaches, and other specialist vehicles contribute to London's toxic air, increasing people's risk of heart and lung disease, and asthma. This cannot be allowed to continue.

We are taking action to help address both of these issues by improving HGV safety to dramatically reduce the dangers on London's roads and implementing tougher emission standards for heavier diesel vehicles to help improve our air quality. We are already cleaning up London's bus and taxi fleets with all London buses meeting the toughest emissions standard by October 2020.

From 26 October 2020, we will be introducing a new Direct Vision Standard and tougher Low Emission Zone standards for HGVs as well as buses, coaches and other heavy vehicles, driving within Greater London, operating 24 hours a day, every day of the year. This action is crucial because every Londoner – and every child in our city – has the right to safer roads and to breathe cleaner air.

Sadiq Khan
Mayor of London

Every Londoner and every child in our city **has the right to safer roads and to breathe cleaner air.**

The new Direct Vision Standard for Heavy Goods Vehicles

What is the Direct Vision Standard?

The world leading new Direct Vision Standard (DVS) is part of the Mayor of London's plans to eliminate death and serious injury on London's transport network. Using a star system, the DVS will rate HGVs from zero (lowest) to five (highest) stars, based on how much a driver can see directly through their HGV cab windows. Restrictions in the HGV driver's field of vision, or 'blind spots' have been identified as a significant contributory factor in collisions with vulnerable road users, such as people walking and cycling.

When and where will the DVS operate?

The DVS will operate 24 hours a day, seven days a week within Greater London, from 26 October 2020.

Do I need a permit?

HGVs over 12 tonnes will be required to register for a HGV Safety Permit when operating within Greater London (the same area as the Low Emission Zone). There will be no charge for permits.

Permits will be available a year in advance, from 28 October 2019.

These vehicles will also need to meet tougher emission standards – see overleaf for details.



DVS permit requirements

To qualify for a permit, HGVs will be required to meet a minimum one-star rating for visibility from within the cab or fit 'safe system' measures. The safe system improves a vehicle's overall safety through measures such as sensors, camera systems and visual warnings.

How to apply for a permit?

You can check your vehicle's DVS star rating and find out how to apply for an HGV Safety Permit at tfl.gov.uk/direct-vision-permit. Permits will be available from 28 October 2019.

What happens if I do not have a permit?

HGVs driving in Greater London from 26 October 2020 without a permit, or in contravention of permit conditions, will be issued with a Penalty Charge Notice (PCN) of £550 (reduced to £275 if paid within 14 days).

Changes to the Low Emission Zone standards for Heavy Diesel Vehicles

What is the Low Emission Zone?

The Low Emission Zone (LEZ) is part of the Mayor of London's measures to help clean up the toxic air in London.

The Low Emission Zone operates across **most of Greater London, 24 hours a day, every day of the year**, and applies to the most polluting **heavy diesel vehicles** driving within this zone. The scheme sets the emission requirements these

vehicles must meet in order to drive within Greater London **without** paying a daily charge. If your vehicle doesn't meet the required emission standards, you can still drive within the LEZ but will be required to pay a daily charge.

LEZ has been operating in Greater London for over 10 years, however the emission standards are getting tougher from 26 October 2020.

Who is affected by these changes?

The LEZ emission standards will be changing for the following diesel-engined **heavy vehicles**:

- Buses, coaches and minibuses **over 5 tonnes**
- HGVs, lorries, vans and other specialist heavy vehicles **over 3.5 tonnes** including motor caravans, motorised horseboxes, breakdown and recovery vehicles, snow ploughs, gritters, refuse collection vehicles, road sweepers, concrete mixers, fire engines, tippers, removal lorries.

Please remember that if your heavy vehicle **is over 12 tonnes** you will also be required to have a DVS permit.

What will the new LEZ standards be?

From 26 October 2020 the LEZ standards are getting tougher for heavy vehicles travelling within Greater London.

Emission standards are tightening from Euro IV Particulate Matter only (PM) to **Euro VI** Nitrogen Oxides (NOx) and PM.

Who is not affected by these changes?

The LEZ standards of Euro 3 are **not changing** for vans and other specialist vehicles between 1.205 tonnes unladen weight and 3.5 tonnes gross weight, as well as minibuses up to 5 tonnes.

However, if these vehicles are being used in the central London Ultra Low Emission Zone (ULEZ), the ULEZ emission requirements are tougher. Owners of vehicles that don't meet these ULEZ emission standards of Euro 4 (for petrol vehicles) and

Euro 6 (for diesel vehicles) need to pay a daily ULEZ charge.

If owners of these vehicles do not meet either the ULEZ standards or the existing LEZ standards they will need to pay a LEZ daily charge if the vehicles are being used outside the central London Ultra Low Emission Zone. If the vehicles are being used within the central London Ultra Low Emission Zone, drivers will be required to pay an additional ULEZ daily charge and LEZ daily charge.

How to check your vehicle status

We would prefer vehicle owners to use cleaner vehicles, rather than pay the daily LEZ charge. So start preparing now.

To check if your vehicle is affected by the new LEZ standard, and to find out more

details on how to prepare for the changes, the options available to meet the new LEZ standard including retrofit solutions, maps outlining the affected areas, how to pay and much more, visit tfl.gov.uk/lez



Keep a look out for the **Low Emission Zone** signs at the boundary and side of the road to show where it applies

Charges if your Heavy Vehicle doesn't meet the new LEZ standard from 26 October 2020

The new **LEZ standard for heavy vehicles** driving through most of Greater London area (including central London) will be **Euro VI** (NOx and PM).

Euro VI is the same emissions requirement as the central London Ultra Low Emission Zone which has been in operation since 8 April 2019 and applies to all vehicles.

Therefore from 26 October 2020 if your vehicle doesn't meet the Euro VI standard and you wish to continue driving within Greater London (including central London) **you will only pay one daily charge**. There will be no additional ULEZ charge to drive in the ULEZ area of central London.

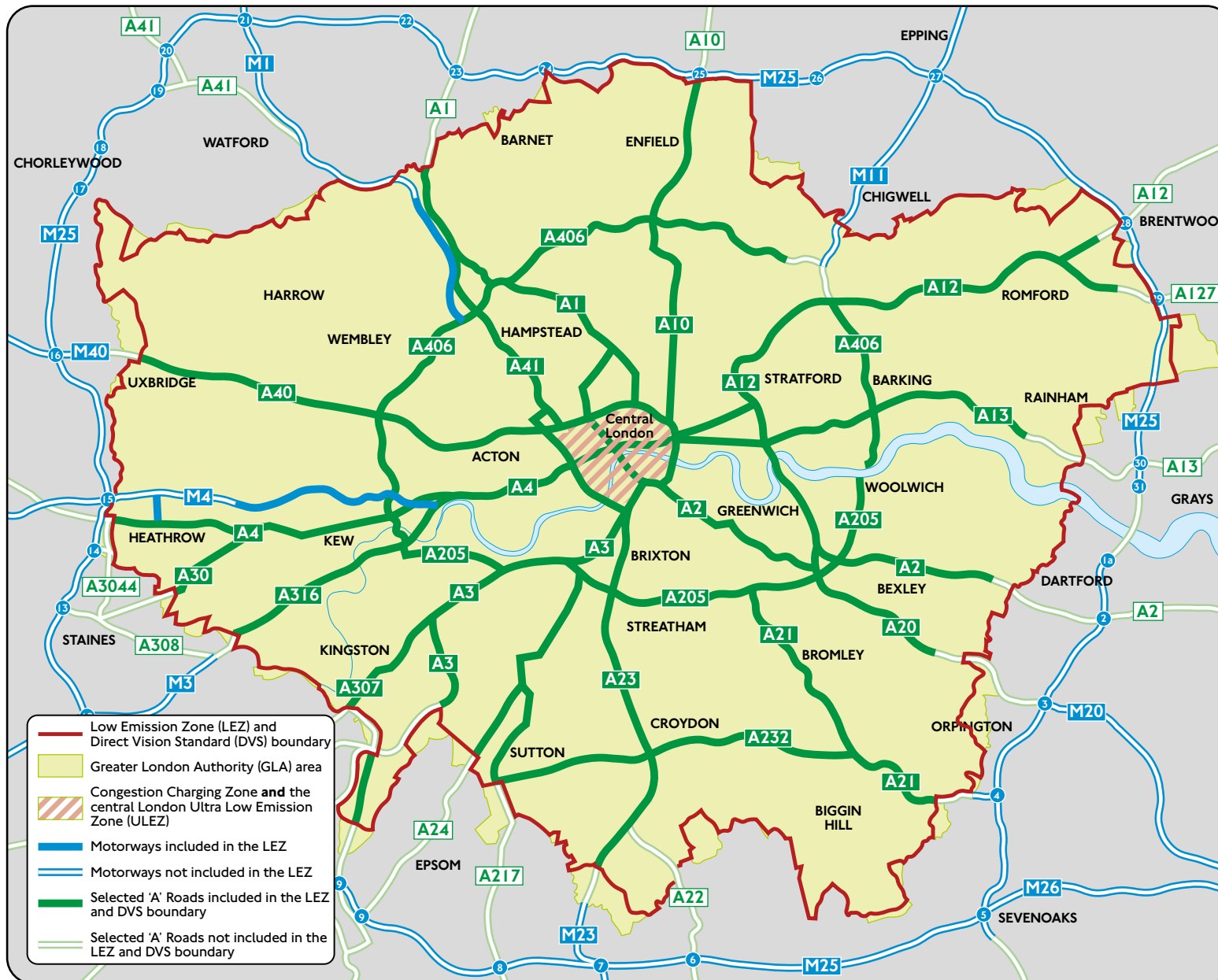
New charges if Euro VI (NOx and PM) standard is not met

If your vehicle meets Euro VI (NOx and PM) there will be **no charge** (these vehicles meet the new tougher LEZ standard).

If your vehicle meets Euro IV or V (PM only) – there will be a **£100 daily charge**

If your vehicle does not meet Euro IV (PM only) – there will be a **£300 daily charge**

Where will the new Direct Vision Standard and Low Emission Zone standards apply?



The LEZ and DVS boundary covers most of Greater London

- Low Emission Zone**
- All roads within Greater London, those at Heathrow and parts of the M1 and M4 motorways within the Greater London Authority (GLA) boundary are included in the LEZ
 - The M25 motorway is not included in the LEZ (even where it passes within the GLA boundary)

- Direct Vision Standard**
- All roads within the Greater London Authority (GLA) boundary, except motorways, are included



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