



## ARE FRONT BARS LEGAL?

### Almost everyone asks this question!

The answer to this question is - YES! - as long as they comply with the EU regulations. Obviously this is a very important point for us, so we would also like to give you some of the history on this point.

There has been a number of attempts to ban the fitting of front bars to vehicles, and the Labour Government brought the issue to the fore in 1997 following some research carried out by TRL on the outcomes of accidents involving pedestrians - involving bull bars. The research was based on a small sample and the results were proportional to pedestrian safety outcomes on some vehicles. This tended to discourage a total ban - and bullbars were made subject to the Pedestrian safety regulations.



### And the regulation is:

REGULATION (EC) No 78/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 14 January 2009 on the type-approval of motor vehicles with regard to the protection of pedestrians and other vulnerable road users, amending Directive 2007/46/EC

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The regulation requires that the Front Bar is indelibly stamped with an 'E' number to confirm compliance

### Which products are affected?

The Full Front Bar is the only one that is covered by this legislation. This is because the overall height of the bar takes it into the areas where pedestrians could sustain serious injury.

The Euro Bar has been developed to be lower than the critical injury positions and is matched to the strength of the vehicle at that level.

The City Nudge Bar is also at a low level to minimise the risk of injury.

See more about the pedestrian safety provisions overleaf.



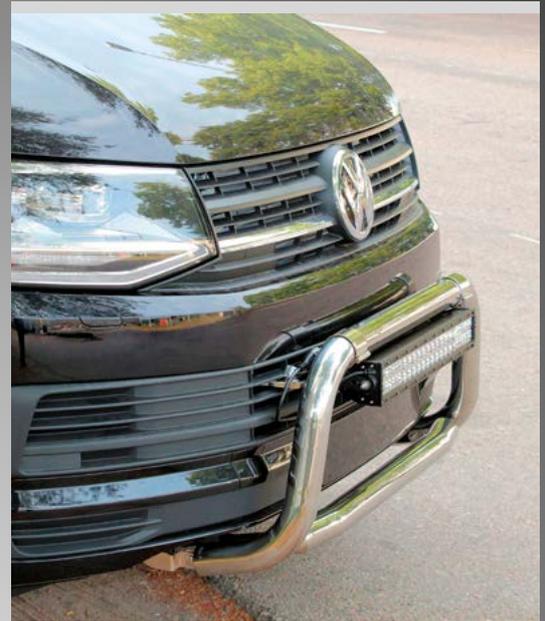
Euro Bar



City Nudge Bar

## More about Pedestrian Safety.....

Vehicle design has focused a lot more on the safety of the pedestrian and this has influenced the rounded shape of most vehicles - a feature which tends to deflect the impact sideways and upwards. Going along with this is the assessment of the various zones of the car so that some parts have a crumple zone for a pedestrian impact too.



Vehicles are now tested for pedestrian style impacts on the front end of the vehicle. This involves a series of tests on different zones on the vehicle and at level levels of impact. You can see videos of these tests at MIRA [Here](#)

You can also see more information at NCAP

[Here](#)

## So - What about Front Bars?

Front bars are now subject to tests to prove that they do not present a more rigid structure than the structure of the vehicle they are attached to. This is normally achieved by creating a sacrificial bracket that allows the Front Bar to flex in a severe impact.

All of our Front Bars have been tested successfully in this way - so you can be assured that everything you purchase from us is fully compliant with the legislation.

