

# What is AdBlue?

AdBlue was introduced in the newest diesel engines in order to comply with the latest emissions regulations. SCR is selective catalyst reduction which uses the injection of ammonia to neutralise NOx, it literally turns the particles to water, so it is pretty cool technology. It has been used in larger commercial vehicles for a lot longer than in normal production cars.

As we touched on with the EGR the AdBlue reduces the NOx even further helping to reduce the number of regenerations a car needs to keep the soot levels within the DPF at an acceptable level.

Unfortunately, when something new is introduced, it is often plagued by issues and the AdBlue systems certainly have their troubles. From the liquid crystallising to injector failures, faulty wiring and sometimes just a countdown with no diagnosable fault the issues can be complex and expensive to rectify. The issues are also not helped by a shortage of replacement parts leaving cars off the road unable to start.

And there we touched on it, once a fault is triggered within the AdBlue system a countdown will begin until you reach a no start condition. Much like the range on your car this number can decrease a lot faster than the distance it indicates. When you reach a no start condition there isn't anything wrong with your car (other than the system blocking the start).

Our AdBlue solutions allow you to get your car back on the road, save you having to top up the system again letting you drive the car without the worry of a countdown timer. This is achieved through disabling the SCR functions within the ECU and all associated fault codes.

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