

BLACKBOX SOLUTIONS

EAS Kicker

The all in one diagnostic tool for the
Electronic Air Suspension system
on your Range Rover
Classic or P38.



Introducing the Electronic Air Suspension

The Range Rover Classic and P38 are both fitted with an advanced Electronically controlled Air Suspension system. This system offers a comfortable and luxurious ride as well as adjustable ride heights, but as it ages, the rubber components used in sealing the connectors, valves, compressor etc, deteriorate and perish causing the system to give trouble, also the electronic sensors fitted to the suspension are known problem areas and the system can even just glitch when you hit a pot hole or drive over rough enough surfaces.

Whenever the Air suspension systems Electronic Control Unit (ECU), detects a fault or problem, especially small leaks, it will store a fault code in its internal memory, shut down and the vehicle will lower to the rubber bump stops, rendering the vehicle un drivable until the system is Diagnostically reset.

When this happens you either call out a mechanic with Mobile diagnostic capabilities or employ a recovery service to transport the vehicle to a garage with suitable equipment. Not only is this very expensive, but it depends on availability, e.g. weekends, evenings and even location.

The EAS KICKER is a much cheaper and more convenient solution.

Your Own Air Suspension Diagnostic Equipment

The EAS Kicker can be used to interrogate the vehicle's EAS Electronic Control Unit (ECU) and provide you with the stored fault(s) in clear text. Of course it can also clear the fault memory too, effectively resetting the system.

Will it work on any Range Rover?

It will work on any Range Rover Classic fitted with Air Suspension and any Range Rover P38. However you will need different leads as the connectors are different in the Classic and P38. Optional extra leads can be bought from our website.

What more can the EAS Kicker do?

As an optional extra we can provide a functionality upgrade. This upgrade provides the additional ability to read and edit all 16 of the EAS system's stored height values, allowing manual calibration of vehicle heights as you desire. It will also provide you with the ability to read the live data values being returned from the height sensors, thus allowing easier detection of problematic sensors.



Can I upgrade the EAS Kicker at a later date?

Yes. The EAS Kicker is flash memory based, meaning it can be connected to a PC using the supplied upgrade lead. Therefore it allows for retro upgrading to later software versions or downloading the functionality upgrade without having to send it back.

For a demonstration of an EAS Kicker being used on a P38:

http://www.blackbox-solutions.com/downloads/videos/EAS_KICKER_ON_P38.html

To buy the EAS Kicker go to our link below and see the kits available:

<https://blackbox-solutions.com/shop/?browse=EAS%20KICKER%20UNIT>

www.blackbox-solutions.com