

Getting the best from your BackMinder®

Familiarise yourself

When first using BackMinder® we suggest that you test the device on a smooth surface by backing up to an object which is visible, like another car or a wall. In this way you will become used to the sequence of warning tones. To familiarise yourself with the distances involved, stop the vehicle when each tone change takes place, check behind the vehicle and pace out how far you are from the object. We recommend that you follow Highway Code guidance about leaving an unattended vehicle with the engine running.

Cleaning the sensors

You should check periodically that the sensors are clean, especially during periods when the roads have been salted or you are driving in muddy conditions. Any dirt on the sensors will reduce their sensitivity and therefore could affect the performance of BackMinder®.

Unwanted Ground reflection

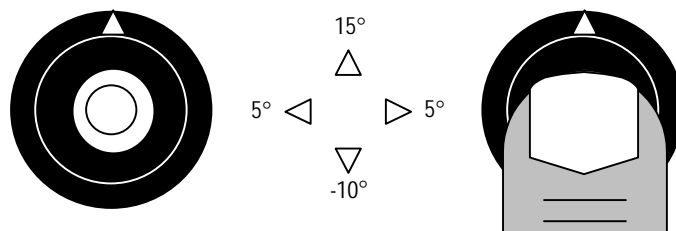
If the surface is very rough or the vehicle is reversing down a hill you may experience some spurious returns. These spurious returns are heard as intermittent middle ground (GREEN or AMBER) warnings or, in extreme cases, a continuous (RED) tone.

It should be stressed that with experience you will be able to tell the difference between ground reflection warnings and the normal sequence of warnings from a 'real' object.

If you are experiencing excessive spurious returns from ground reflections or change the way you normally use the vehicle you can reset the sensor angles following the simple procedure described below.

Adjusting the Sensor Angle

Autosonics LTD hold a patent on the sensor housing design. It enables the angle to be adjusted so that the system can be set up to your needs. The sensors can be adjusted 15° in elevation, 10° in depression and 5° left and right. When installed the fitter will have already set the angle, therefore, please do not adjust the sensor angle unnecessarily. There may be a number of reasons why the sensors need adjusting. Eradicating unwanted ground reflection, avoiding the sensors reflecting off steps and tow bars or maybe to prevent BackMinder® detecting objects wider than the width of the vehicle.



Firstly, ensure that the triangular arrow is located at the 12 o'clock position. A spring washer holds the sensor eyeball to the determined angle. Press the sensor eyeball with the thumb, taking care not to scratch the surface of the sensor. This pushes it back a little clear of the front of the housing enabling the sensor to pivot.

N.B. For standardised fleet fits the sensors can be supplied fixed.