

Installation Guide: Endurance Standard Xenon Beacons



WARNING
Ensure that only suitably trained personnel attempt to install this device or devices. Failure to install the device properly could result in damage to the vehicle, injury or even death.

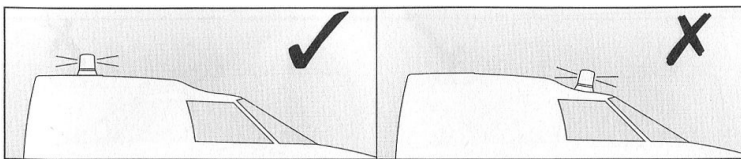
AIR BAGS
Many vehicles are now fitted with side and curtain air bags. Ensure that you do not drill and avoid accidentally triggering the devices during fitting.

WARNING: ROOF SUPPORTS
There will be a roof support member(s) that spans the distance between the driver's side and the passenger's side. Do not drill through the member. Ensure that you adjust the cable route.

MAGNETIC BEACONS - SPEED LIMIT: 70MPH
Our beacons are designed to be used at speeds up to and including 70mph (UK motorway speed). Use of magnetic mounted beacons is at your own risk whatever the speed.

Mounting the beacon

The beacon should be fitted to the vehicle roof and the base should be parallel to the ground as shown below.



For further information on mounting your beacon, please refer to the table on the right.

Connecting the beacon cable

Always ensure that you connect the BLACK ground wire first to a suitable ground and then go on to connect the positive power cable via a suitable fuse. The fuse ratings within the cable key are based on a single beacon.

Ensure that you increase the amperage rating of the fuse if fitting a multiple quantity of beacons.

Cable key

The beacons are dual-voltage (10-30v). The positive voltage is referred to as +VDC within the table below which will equal the input voltage for your application.

Colour	Function	Connect to	Fuse
Red	Power	+VDC	10A
Black	Power	Ground	-

WARNING
Customer supplied wires that connect to the positive terminal of the battery must be sized to supply at least 125% of the maximum operating current and fused at the battery to carry that load. Do not use circuit breakers with this product.

Beacon bases

Three bolt mounting
153mm x 175mm
Flat, surface-mounted beacon. Requires 3x M6 bolts/sets to fit. Power cable passes separately.

Single bolt mounting
130mm x 203mm
Flat, surface-mounted beacon. Fitted with integral mounting bolt with cable passage.

Flexible pole/stem mounting
130mm x 280mm
Flexible base to avoid accidental damage. Requires DIN stem for mounting.

Rigid pole/stem mounting
130mm x 228mm
Rigid base beacon. Requires DIN stem for mounting.

Magnetic mounting
153mm x 175mm
70mph rated magnetic base with power cable and power plug supplied.