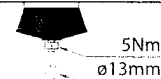

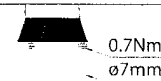
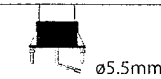
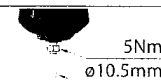
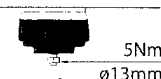


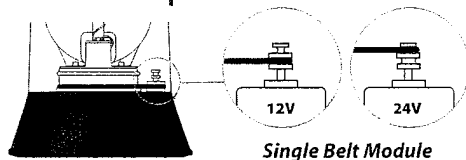


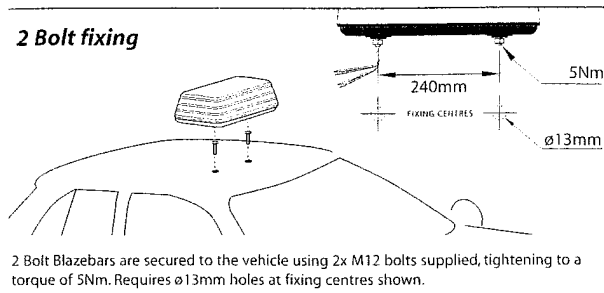
# Beacons

|   |   |
|---|---|
|  | <b>1 Bolt - Steel Base</b><br>Secured using the 1x M12 fixing bolt, tightening to a torque of 5Nm, through 13mm hole.   |
|  | <b>Pole Fixing</b><br>DIN72591 accepts a variety of DIN fixing brackets and extension poles.  |
|  | <b>3 Bolt</b><br>Secured using the 3x M6 fixing bolts, requires ø7mm holes on 130 PCD.  |
|  | <b>MiniVision</b><br>3 Bolt - 3x M5 bolts require ø5.5mm holes, on 59 PCD<br>2 Bolt - 2x M5 bolts require ø5.5mm holes, on 86 Ctrs.   |
|  | <b>1 Bolt - Tapered Base</b><br>Secured using 1x M10 fixing bolt, requires ø10.5mm hole   |
|  | <b>1 Bolt - Rubber base</b><br>Secured using 1x M12 fixing bolt, requires ø13mm hole  |
|  | <b>Mag50</b><br>DO NOT EXCEED MAX. SAFE SPEEDS<br>MAX 50 MPH MAX 80 KMH<br>• DO NOT FIT BEACON TO ANY ICE COVERED SURFACE<br>• Always attach to a clean, dry, smooth, non-porous, ferrous surface |
|  | <b>Mag70</b><br>DO NOT EXCEED MAX. SAFE SPEEDS<br>MAX 70 MPH MAX 112 KMH<br>• Check beacon is secure BEFORE driving vehicle<br>• Use tabs to release vacuum.                                      |

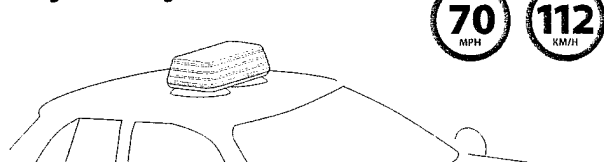
## Beacon belt positions



# Blazebars



## Magnetic fixing

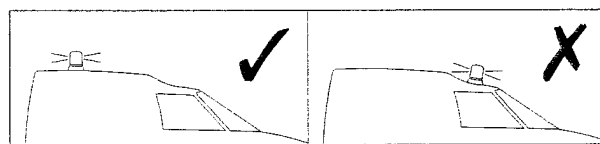


Magnetic Blazebars are secured to the vehicle using two powerful magnets aided by vacuum suction.

- Make sure the blazebar is attached to a clean, dry, smooth, non-porous, ferrous surface.
- DO NOT FIT MAGNETIC BLAZE BAR TO ANY ICE COVERED SURFACE
- To remove from vehicle, lift each tab to release the vacuum.
- Maximum recommended vehicle speed for safe operation = 70mph (112km/h) when fitted to the centre of a vehicle roof of steel construction.

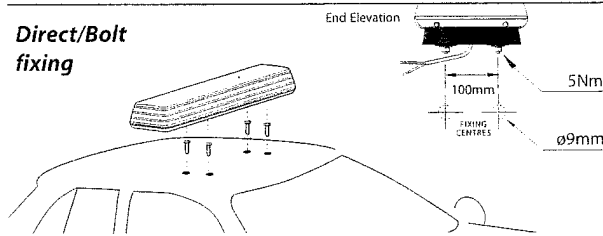
## Mounting

Whether you have a beacon, blazebar or lightbar always remember to mount the product to the vehicle so the base is parallel to the ground as shown below.



# Lightbars

## Direct/Bolt fixing



The Lightbar is secured to the vehicle using 4xM8 bolts supplied, tightening to a torque of 5Nm. Drill 4 holes 9mm diameter at required fixing centres shown.

## Gutter & Gutterless fixing kits

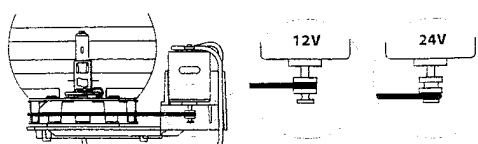


When a lightbar is secured using gutterless fixings ensure you use the correct clamp kit specific to your vehicle. Locate the vehicle bracket to the roof section. It is necessary to fit the bracket underneath the rubber edge seal on gutterless type vehicles. Care should be taken not to overtighten these bolts, as this may cause distortion to the roof section of your vehicle.

When using gutter fixing kits, fit the bracket to the vehicles roof gutter rail and tighten the bolts, again take care not to overtighten.

Check fixings regularly to maintain a secure fit.

## Blazebar/Lightbar belt positions



# Wiring

**Disconnect the battery BEFORE wiring up this lighting product**

**IMPORTANT:** Connect **RED** lead(s) to positive (+) via a suitable switch  
Connect **BLACK** lead(s) to negative (-).



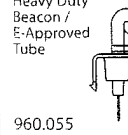
A build plan is provided with the lightbar, refer to this for wiring detail.

|           | 12V      | 24V     |
|-----------|----------|---------|
| Beacons   | 8A fuse  | 5A fuse |
| Blazebars | 16A fuse | 8A fuse |
| Lightbars | 16A fuse | 8A fuse |

Minimum cable size = 2mm<sup>2</sup>

**WARNING:** Xenon products contain high voltage. Before servicing, turn off and wait for five minutes or more for the circuit to discharge.

# Bulbs

|   |   |   |
|---|---|---|
|  | Rotating Beacon replacement bulbs<br>12V 24V<br>950.448 950.466 | Double/Quad Flash Xenon Tube<br>999.223 |
|  | MiniVision Xenon Tube<br>960.012                                |   |
|  | Heavy Duty Beacon / E-Approved Tube<br>960.055                  | Remote Xenon Tube<br>960.024            |
|   |   | Industrial Xenon Tube<br>999.212        |