**Introduction:**

The Orbis Base is a design that provides installers with an open working area with fixing holes shaped to allow fast mounting procedure

**Installation:**

1. After installing all the bases and testing for continuity, power up and select 'walk test' for the appropriate zone.
2. Fit a detector to the first base. If the wiring is connected in the correct polarity the detector LED will flash red once per second for four minutes. While the LED is flashing a smoke or heat test of the detector may be carried out. A successful test will result in an alarm signal and a constant red LED. If the power supply is interrupted the red LED will flash again for 4 minutes on restoration of power.
3. Proceed to the next base and carry out the same procedure. Repeat until all detectors have been fitted to the zone.
4. If the detector LED fails to flash check the wiring and power to the detector. If no fault is found the detector itself should be tested.
5. It is also possible to fit all detectors in the zone before switching on the power and walking the zone to check that the red LED's are flashing. If this cannot be completed within 4 minutes remove a detector from its base and replace to re-initiate **StartUp** or reset the zone at the Fire Control Panel.

**Unlocking the detector:**

If the detector is locked, it can be unlocked from the base by inserting a 1.5mm hexagonal driver into the small hole on the detector face and gently levering the handle of the driver outward whilst rotating the detector anti-clockwise.

**Non Locking Base Conversion:**

If the locking mechanism of the Orbis TimeSaver base has been activated in error the base may be converted to a permanently non-locking base by removing the detector and cutting out the small portion of the rim marked with a cross-hatch in Figure 1.

**Features:**

| | Description | Red LED | Yellow LED |
|---|---|---|---|
| **StartUp** | Confirms that the detectors are wired in the correct polarity | Flashes once per second | No Flash |
| **FasTest** | Maintenance procedure, takes just 4 seconds to functionally test and confirm detectors are functioning correctly | Flashes once per second | No Flash |
| **DirtAlert** | Shows that the drift compensation limit has been reached | No Flash | Flashes once per second in **StartUp** (Stops flashing when **StartUp** finishes) |
| **SensAlert** | Indicates that the sensor is not operating correctly | No Flash | Flashes every 4 seconds<br>(Flashes once per second in **StartUp**) |
| **Normal Operation** | At the end of **StartUp** and **FasTest** (without flashing LED as standard) | No Flash | No Flash |
| **Flashing LED Version** operation (at the end of **FasTest)** | Detector's red LED flashes in normal | Flashes every 4 seconds | No Flash |

***Observe anti-static precautions at all times***

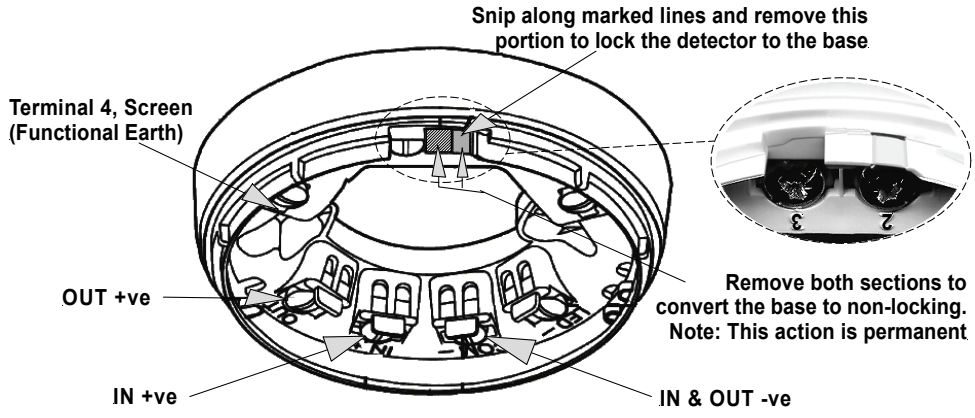


*Figure 1: Orbis Base Locking Mechanism*