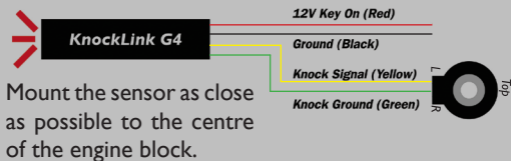# G4 KnockLink Instruction Manual

Introduction
Engine knock is one of the most damaging effects in any engine. The KnockLink warns the driver in the event of knock with a high intensity red flash.

Key Features
• Intelligent self learning system
• No false alerts
• High detection accuracy (>95%)
• No complicated calibration process
• Suitable on Rotary and Piston engines

Installation
Installation is simple and requires four wires to be connected.

KnockLink G4

12V Key On (Red)

Ground (Black)

Knock Signal (Yellow)

Knock Ground (Green)

Top

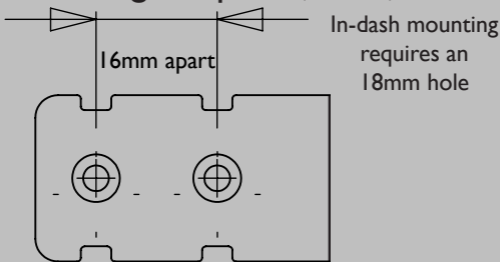Mount the sensor as close as possible to the centre of the engine block.

Warning
• Knock sensor wires must be located as far from ignition components as possible.
• Never share the knock sensor with the ECU.

Operation

Operation is simple, the colour of the LED represents four different modes:

● **Dim Blue** – KnockLink is powered, waiting for the engine to be started

● **Flashing Blue** – KnockLink has detected the engine has started and is now self calibrating

● **Dim Green** – KnockLink is adapting to the engine's noise profile and listening for knock

● **Flashing Red** – KnockLink has detected knock. Avoid large throttle openings, seek professional advice

Mounting Template (to scale)

16mm apart

In-dash mounting requires an 18mm hole

Mounting bracket holes (3mm x 2 holes)