

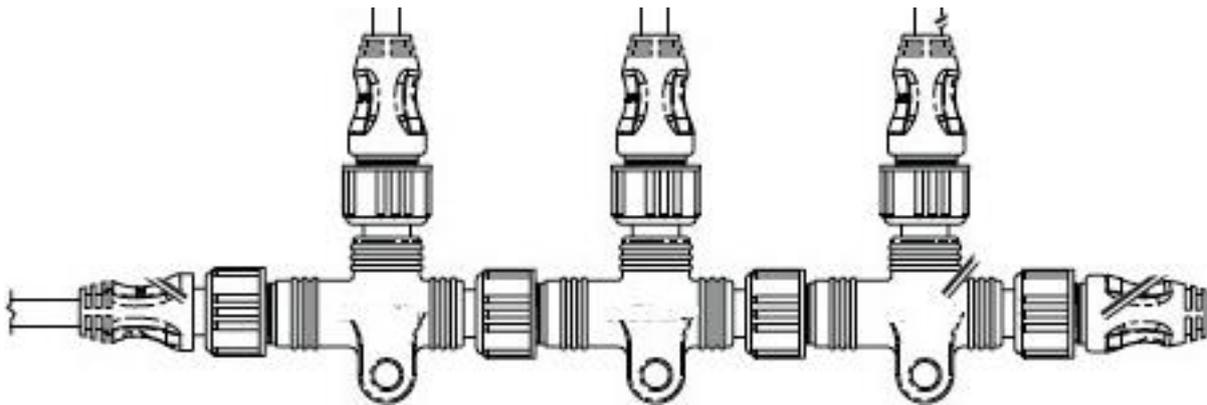
Gateway Installation & Sensor Initialisation

This guide details how to install a gateway into a NMEA2000 compatible marine electronics package. The aim is to check that the load data is displayed on the instruments before installing the sensor.



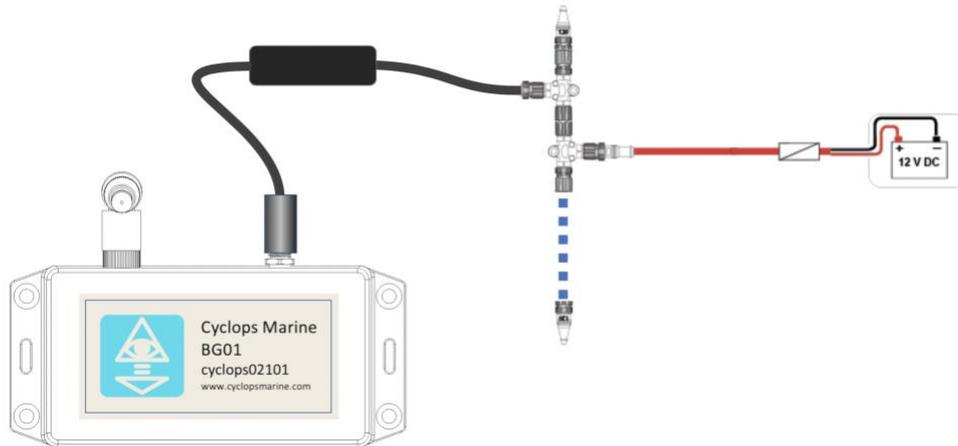
You will need:

- 1 x Gateway
- 1 x Cyclops Sensor
- 1 x NMEA2000 cable + Micro-C T-Joiner
- Sensor Batteries
- 1 x Small Phillips-head Screwdriver for Smart Tune battery covers or Coin for Smart Link
- Location of CAN bus backbone - this is usually close to the Nav table or mast base and can be hidden away. It looks like this:



- 1) Before installing the sensor, ensure the sensor is connected to instruments.
- 2) Remove the sensor battery cover by unscrewing the cover or fasteners. **NOTE: the battery cover is not tethered to the sensor**, but the fasteners are captive within the battery covers.
- 3) Insert the provided batteries into the sensor and replace the battery cover.

- 4) Connect the NMEA2000 cable to the Micro-C T-Joiner. The metal connector plugs into the gateway, and the black plastic connector plugs into the T-Joiner. The Micro-C terminator connected to the backbone will need to be unfastened, the T-Joiner connected to the rest of the backbone and the terminator connected to the T-Joiner. Ensure the yacht batteries and electronics power supply are on.



The sensor is now broadcasting load data to the gateway (and the instruments).

- 5) Check that this is the case by powering on the instruments, navigating to Settings -> Network -> Device List (this will vary between electronics brands). 'CYCLOPS LOAD SENSOR' will appear as a device. (If no device is displayed on the list, restart the instruments). Select the sensor and to check there a live load value being reported, press 'Data'. If no device appears, or no load value is reported, email info@cyclopsmarine.com before continuing with the installation.
- 6) Fit the gateway in a protected location below deck and as close to the sensor as practical. For example, for a Smart Tune sensor installed on the forestay, an ideal location is the forward bulkhead above the waterline. If necessary, a NMEA2000 extension cable can be added in to reach this position (not supplied).
- 7) Connect the gateway to the instruments as in 4)
- 8) Add the sensor load data as the variable to one of the displays.
- 9) The gateway is now installed!