


LMS2, Installation, IO Module

This document details the installation of the IO Module. The IO module routes power and machine signals (such as forward / reverse) to the LMS2 network. The IO module also contains hardware for the solenoid valve and inertia control valves (where fitted)


Further Information

Please visit <http://www.sil3.com.au/lms2/> for more information regarding this product.

	CAUTION
	<p>Procedures within this document can modify the calibration and performance of the LMS system.</p> <p>Always ensure these tasks are carried out by trained personnel.</p>

Moisture Ingress

Moisture ingress into the IO module and its connectors is not acceptable. The use of silicon grease on the electrical connectors is required.

	CAUTION
	<p>Do not mount the IO Module in an area when it will continuously be exposed to water, such as beneath an air vent.</p>

Location

The IO module must be located on the vertical wall of the chassis. The IO module must be oriented correctly so as the connectors are facing forward and the arrow on the label of the IO module is facing upwards.

Note: Images below may reflect different module versions:

P25.6

Near the battery in the engine bay

**P32.6L**

Cab side of the boom tunnel

**P38.10, etc.**

Cab side of the boom tunnel



P45.18, P50.18, P60.10



Procedure

The following procedure is required to install the IO module

Step	Details
1	Drill 2x 4.2mm holes to match the module outline. There are 4 bolt holes supplied, but only two are required. Ensure the top of the IO module is level. Check this with a spirit level.
2	Tap the holes to M5
3	Mount the module and install the connectors using the M5 x 40 SHCS.

Calibration

From the LMS display menu, enter the calibration menu and perform a chassis calibration as per the calibration manual.