

LMS2, Installation, LASX010 Boom Router

This document details the installation of the boom end radio network router. The router is designed to route low power radio signals from an attachment transmitter to the display module.

Further Information

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

Location

Choose a suitable location for the router. It must be mounted at the end of the boom, free from any hydraulic hoses, fittings or other systems that may damage the router or prevent the clean routing of radio signals. Some example machines are shown below.

P32.6L



P38.13, P60.10, P72.10



P45.18, P50.18**Procedure**

- 1** Use a center punch to mark out the two M5 screw holes. Use the router as a drilling template and ensure the cut-out at the bottom of the router is flush against the size of the boom where possible.
- 2** Drill and tap 2x M5 holes. Avoid drilling across the welds.
- 3** Secure the router using the two M5x 25 SHCS provided.
- 4** Connect the power to the router to the connector (or wiring loom in the machine).
 - The red wire on the router is power; this typically goes to wire "1" on the Merlo system.
 - The black wire on the router is ground; this typically goes to the black wire on the Merlo system.
- 5** On compact models it is necessary to connect the wiring in the boom to accessory bus power. Behind the seat locate the "LBSC" terminal and connect an in-line fuse through to the wiring loom.

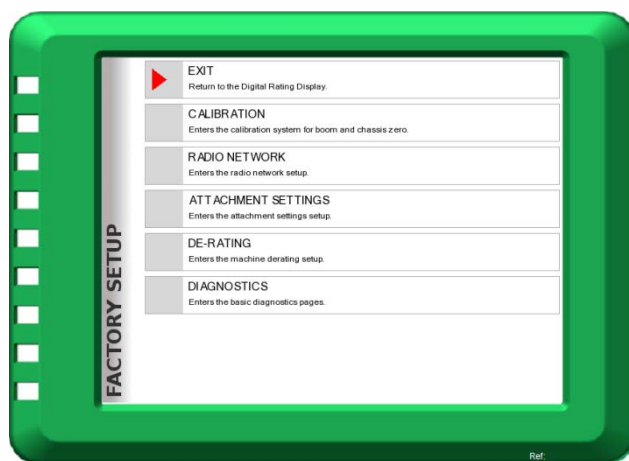
On P60.10 and P72.10 the boom end router wire must travel across to the opposite side of the boom head. Use additional p-clips to hold the wiring in place.



Linking the router

The display module must be told about the radio router and the display and router should be paired.

- 1 Access the factory setup page of the LMS display menu. Your dealer can help you with information as to how to access this page.



- 2 Ensure only one LMS enabled machine is switched on within 100m during this procedure.
- 3 Navigate to the radio network setup page and select link boom end router. A green tick should be visible.



- 4 Procedure complete. Restart the LMS display and ensure the attachment recognition system works.