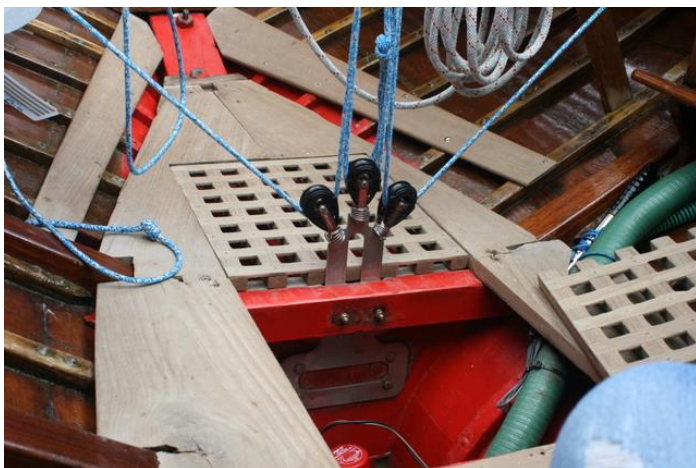


# SUNBEAM INSIGHTS #2

## V19 MAINSHEET 24:1 FINE ADJUSTMENT

Instead of the fixed end of the mainsheet being tied off, it is connected to a twin block providing a 4:1 purchase. The mainsheet is 6:1 so the total mechanical advantage is  $6 \times 4 = 24:1$ .



Three single blocks are attached to a custom fitting (cut by Fibre Fusion's water jet) bolted to the aft-most oak floor. The floor carries one of the long vertical bolts securing the external lead keel (864kg) so is a very safe anchorage for the mainsheet load.

The blocks have been modified to have removable straps which can be passed through slots in the fitting. Springs prevent the blocks from falling over.

The two free ends of the purchase are led to the port and starboard sides of the cockpit.

Each free end is led round a single block screwed to the beam shelf and back through a cleat mounted underneath the carlin.

