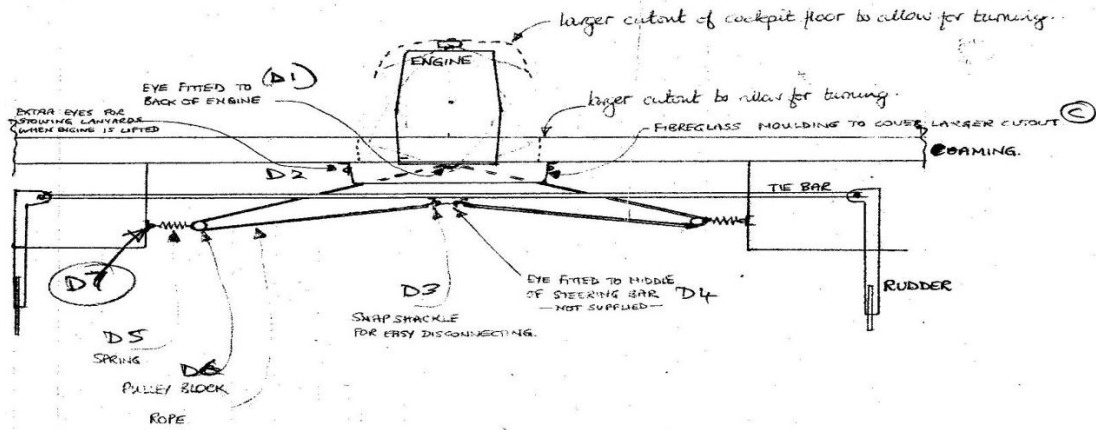


Steering the Outboard

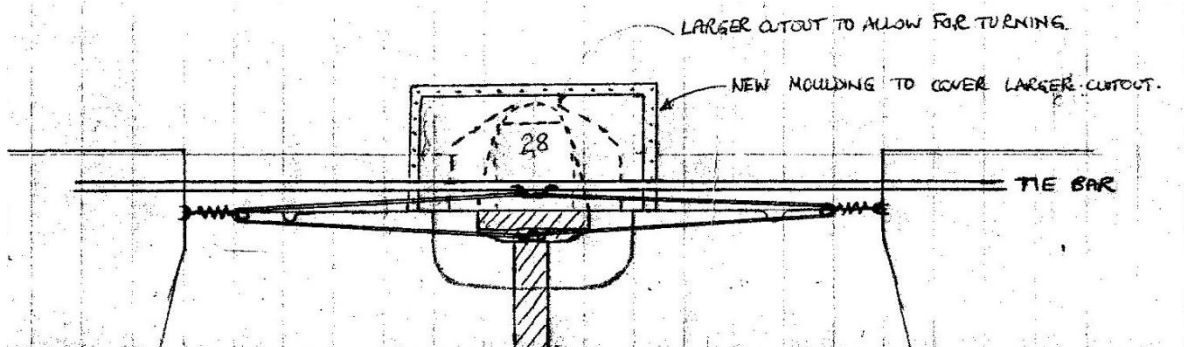
Roger Stanger has kindly provided details of the original – Lack- arrangement for steering the outboard. This illustration shows the general arrangement, with the ropes (1/4 or 3/8 diameter), being connected to an eye on the steering tie bar by snap shackles.



The critically clever part of the design are the springs (D5), which hold the turning blocks (D6) and maintain tension in the ropes. These are attached to the hull by simple u bolts or similar at (D7).



An eye is attached to the rear of the engine (D1), to which the steering ropes are attached. These pass through the turning block (D6), and have snap shackles (D3) on each end. These shackles are normally clipped onto some extra eyes (D2) for sailing with the engine lifted, but when steering is required, are clipped to a new U link fitted to the tiebar(D3). The stern view below shows how an extra moulding covers the larger cut-out needed to allow the outboard to steer.



Many thanks to Roger for these pictures!.

He says: "The whole thing transforms the boat handling and makes you very confident in marinas, as I found myself showing off how well I could reverse -- the view over the stern is very unrestricted as I watched many spilled gin and tonics on neighbouring boats. The boat simply follows the engine"