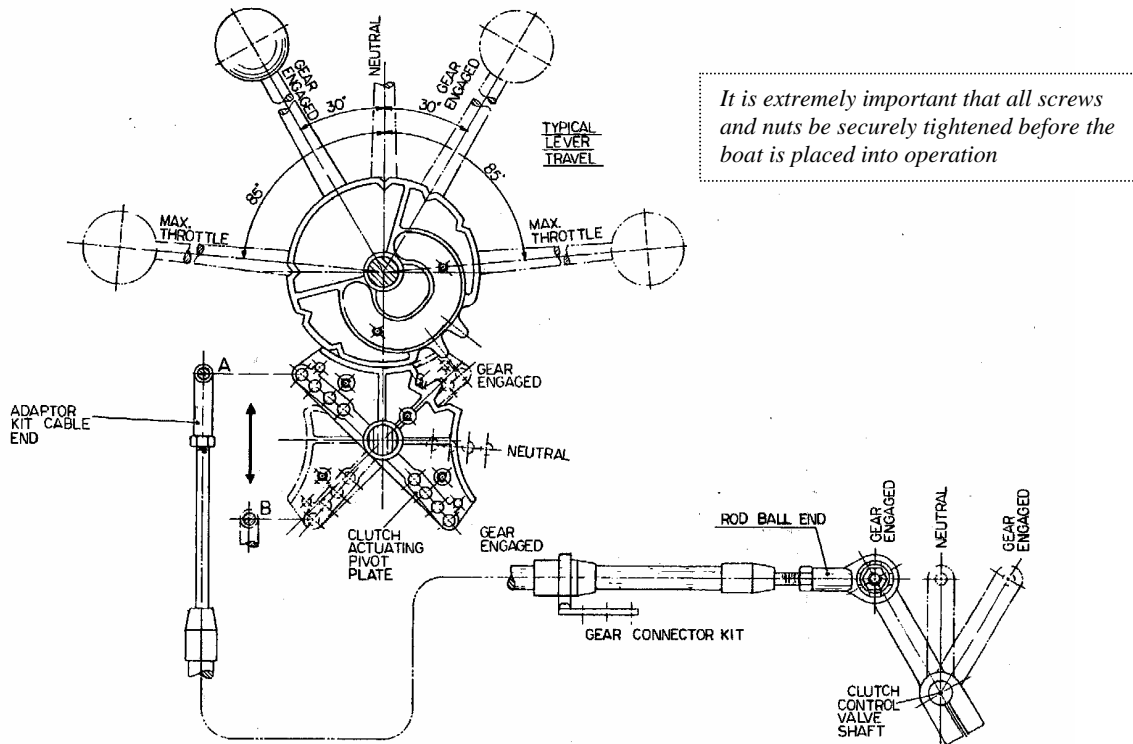


# Installing Cables on Mechanical Single Lever Controls

A mechanical single lever control is a control unit that incorporates clutch and throttle under one control handle and, therefore, provides the operator with a handy control over the engine. As illustrated in the drawing in Position A (showing the clutch actuating pivot plate in the gear engaged position, and the control handle in the full speed position) the cable must pass slightly beyond the attaching point on the clutch actuating pivot plate in the pull mode. The cable must also go slightly beyond Position B in the push mode with the control head in a full speed position.

In order to obtain equal travel in both positions on the cable, the adaptor kit cable-end must be adjusted accordingly. After the proper position is located, the cable end is attached to the clutch actuating pivot plate. The locking nut must be secured. This will ensure that no mechanical binding takes place in the cable or the control head. It is also very important that the clutch control valve goes from neutral to both gear engaged positions without bottoming. A slight amount of end play is essential.



The throttle cable attached to the throttle actuating cam must also operate within the available stroke of the cable and, again, the adaptor kit cable-end must be adjusted in such a manner to avoid bottoming of the control cable in either direction. In order to obtain full handle travel in the speed range, it is important to select the appropriate connection point for the adaptor kit on the throttle cam.