

Inspection of the Dual Engine Control System

All Sirius yachts equipped with two engine control stations are fitted with a differential control unit at the gearbox.

To enable you to inspect the system installed on your Sirius yacht, we have prepared these instructions. Please examine the system on your yacht carefully. If you are in any doubt about its condition, we recommend that the inspection is carried out by a qualified marine technician.

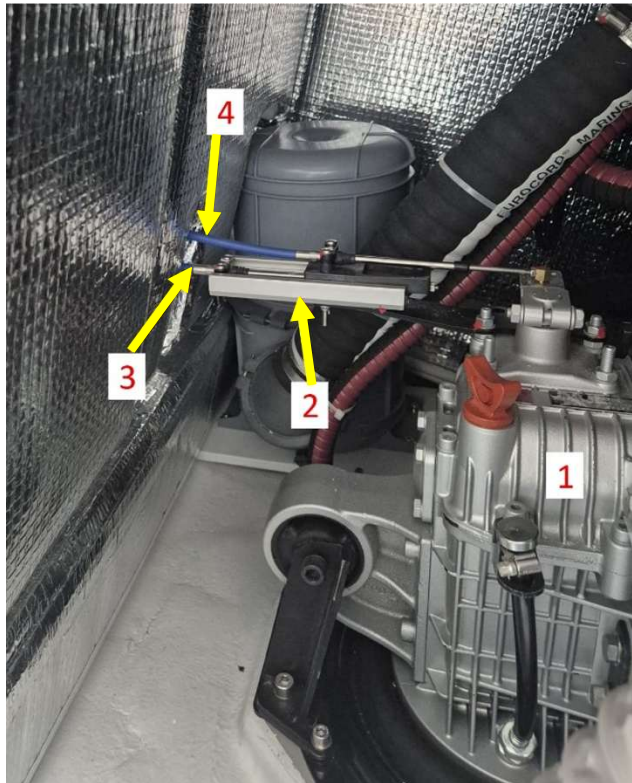
Inspection steps

Carry out the following checks with the engine switched off first. If the results are satisfactory, repeat the checks with the engine running.

To carry out these checks, you need access to the gearbox, which is located aft of the engine. On a 310 DS or 35 DS, it can be accessed through the port cockpit locker. On a 40 DS, access is through the aft berth (if fitted) or through the cockpit locker.

- Do both engine controls operate smoothly and without catching?
- Can neutral be selected clearly and reliably from both engine controls?
- Are the push-pull cables at the gearbox free of bending stress?
- Does the engine control that is not being operated reliably remain in neutral?
- Are the push-pull cables free from kinks and deep scratches on the metal core?
- Are the locknuts still tight?
- Does the neutral button or the control lever reliably return to its normal position after being pushed in?

The illustration below shows the arrangement of the system.



1. Gearbox
2. Differential Control Unit
3. Helm A Push-Pull Cable
4. Helm B Push-Pull Cable

Figure 1 Positions of the push-pull cables at the gearbox

Result

- If all of the above questions can be answered with YES:
 - ⇒ No further action is required.
- If one or more questions must be answered with NO:
 - ⇒ We recommend following the work instruction "Optimisation and Adjustment of Push-Pull Cables on the Dual Engine Control System" provided by Sirius-Werft in order to minimise the risk of malfunction.