



Engine Connection Kit

Part # CA27208P

(Johnson/Evinrude under 35 HP)



NOTICE!

Installer: These instructions contain important safety information and must be forwarded to the boat owner.

CAUTION!

Read these instructions thoroughly before proceeding with installation. Check contents of kit against parts list on the instruction sheet. Parts supplied must be used per instructions. Dometic cannot accept responsibility for the integrity of installations in which substitute parts are used.

Parts supplied in this kit will provide for connection of type 400 (CC170X) cables (manufactured by Dometic) to throttle and shift levers of Johnson and Evinrude outboards, 35 HP and under.

Item No.	Description	Qty.
1	Shift Cable Retainer	1
2	Screw 10-32 x 1/2"	2
3	Throttle Cable Retainer	1
4	Clamp Insert	1
5	Shift Casing Guide	1
6	Screw 8-32 x 5/16"	2
7	Throttle Connection Kit	1

ENGINE CASTING

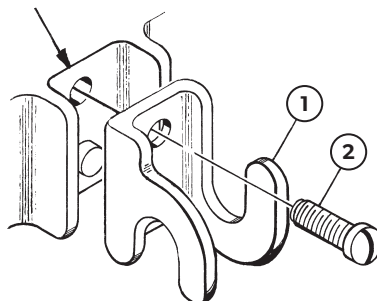


Figure 1. Shift cable retainer.

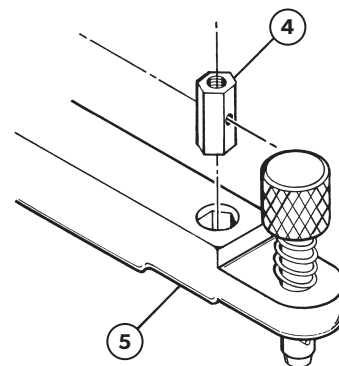


Figure 2.

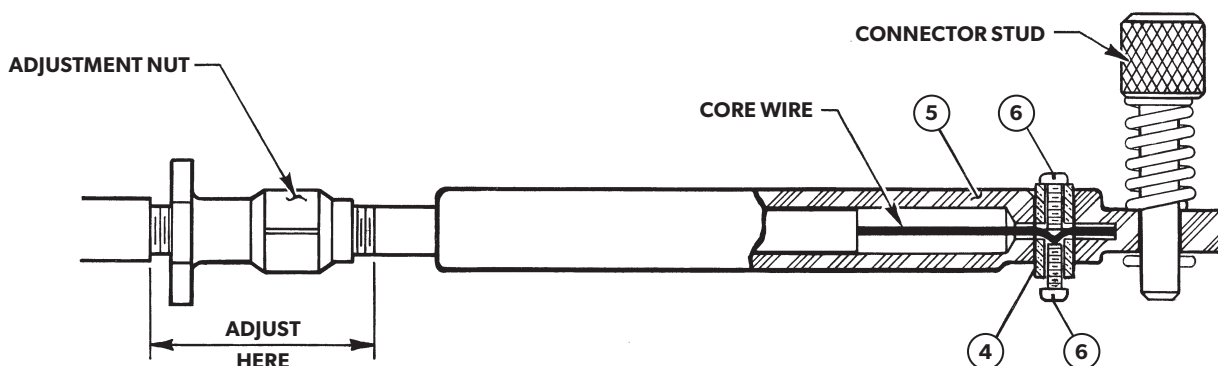


Figure 3.



Installation of cable retainers



1. Locate mounting position for shift cable retainer (item 1) on starboard side of engine. Small screw hole should be upward (see figure 1).

NOTE

Shift cable retainer is shown. Throttle cable retainer is similar in appearance, but is designed for use on opposite side.

2. Insert one retainer screw (item 2) through upper hole in retainer and thread fully into engine.
3. Repeat on opposite side of engine, using throttle cable retainer (item 3) and other retainer screw (item 2).

Installation of casing guides

1. Install shift clamp insert (item 4) into shift casing guide (item 5) with small hole for cable core wire aligned with long axis (see figure 2).
2. Hold Insert in position and feed core wire through Insert. The core wire must pass fully through the insert and bottom in casing guide (see figure 3).
3. Holding assembly in place, thread one clamp screw (item 6) into clamp insert until it touches core wire, then add one more full turn. This kinks the core wire and helps prevent wire from pulling free. Thread second clamp screw (item 6) into opposite end of insert until it touches core wire, then add one more full turn: do not overtighten screws. Excessive torque may break core wire.
4. Install throttle connection kit (item 7) according to instructions supplied in that kit.

Attachment of cables to motor

1. Install adjustment nut of shift cable into shift cable retainer as shown in figure 4.

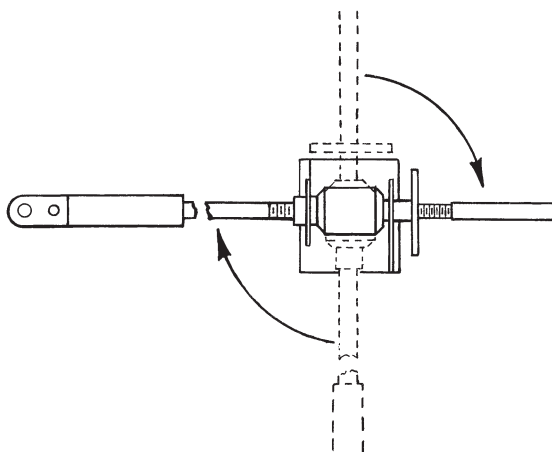


Figure 4.

2. Insert shift connector stud into keyhole in shift lever and rotate 1/4 turn to lock position.



3. Install adjustment nut of throttle cable into throttle cable retainer as shown in figure 4.

Connect throttle casing guide to throttle lever according to instructions furnished with throttle connection kit.

Cable travel adjustment

1. Cable travel may be adjusted by rotating cable adjustment nut in the appropriate direction (see figure 3).

Do not attempt to adjust cable travel by moving the casing guide on the core wire.



CAUTION!

Before operating boat, recheck all hardware for security and re-torque as necessary. The boat should be operated with caution until the engine control system has been thoroughly checked out under normal operating conditions to ensure that the installation is correct and functioning properly.