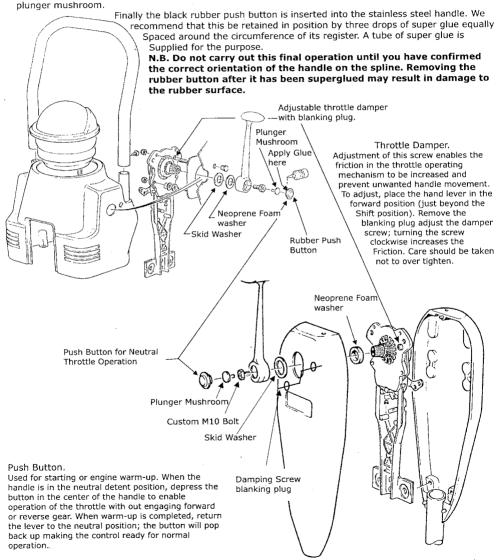
89400146 ENGINE CONTROL INSTALLATION KIT

LEWMAR NON-MAGNETIC SINGLE LEVER ENGINE CONTROL

Installation and operation

The handle fits the tapered spline and is retained by a custom M10 bolt which is pre-drilled to accept the



LEWMAR[®]

LEWMAR NON-MAGNETIC SINGLE LEVER ENGINE CONTROL

Cable Installation and Maintenance Instruction Sheet

PLEASE NOTE

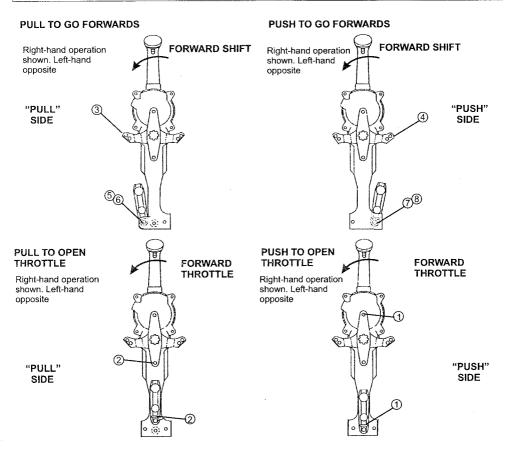
Use Morse 33C Cables or equivalent..

Refer to Engine Manufacturers handbook for throttle and gear direction and adjustments.

"Push" and "Pull" refer to the direction of the cable motion to shift into Forward or to Open throttle.

Hole numbers in the diagrams below refer to the numbers stamped on the levers and the control mechanism chassis.

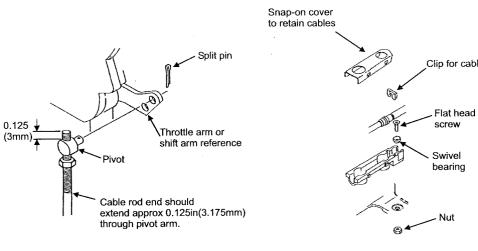
Cables & Wiring should be pre-installed on control before final mounting is made.



LEWMAR®

LEWMAR NON-MAGNETIC SINGLE LEVER ENGINE CONTROL

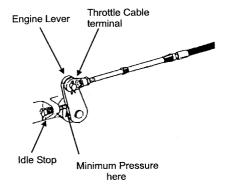
Cable Terminal and Cable Hub Connections to Control



Throttle Cable Connection - Engine End

CAUTION:

The throttle cable must be disconnected from the motor before making motor idle adjustments. Adjustment of the moto Idle while the throttle cable is still connected to the motor may cause a jamming action against the Idle stop. As a resul the control may not function properly and damage to the control, the cable and/or motor could result.



- Make sure the control is in Netural Detent.
- The fuel lever should rest lightly against the Idle stop.
- Connect the throttle Cable to the fuel lever.

NOTE ~ Throttle cable must be free when fuel lever is in the idle position to prevent hard shifting

LEWMAR®

LEWMAR NON-MAGNETIC SINGLE LEVER ENGINE CONTROL Electrical Connections

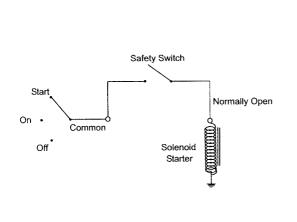
Neutral Safety Switch

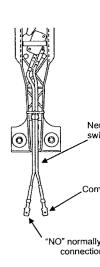
The control is provided with a Neutral Safety Switch. This switch is used to prevent the engine starting in gear. Use a battery-powered Test light or test meter to check continuity.

- 1. With the control in NEUTRAL connect one wire of the tester to the common terminal, and of the "NO" (Normally open) Terminal. The test light MUST Light.
- Connect the Neutral Safety Switch between the Ignition switch (start Lead) and the starter (See diagram below).

CAUTION:

Check to make sure that there is electrical continuity only when the control is in gear. There any electrical continuity otherwise.





Maintenance

Periodically check head mechanism for loose fasteners and signs of wear of moving parts. Ke moving parts well lubricated with a moisture displacing lubricant such as WD40 or Marine gr

Periodically check the cables and engine connections for signs of wear and corrosion replace necessary.

REVISION 3	
CREATED	BY N.SEAMARKS
APPROVED	BY D.WORTHINGTON
DATE	25:06:03