

Figure 11. Throttle Stop Adjustments

4. No change in spark advance is recommended for elevation operation.
5. Propellers of lower pitch should be used at high elevations to allow proper engine RPM.
6. The engine can be tested in the test tank with the propeller or carburetor adjusting propeller.

B. Idle Adjustment Screws

1. Idle adjustment screws also have been adjusted at the factory.
2. If readjustment is necessary, it can be done with a test wheel or a regular propeller in the test tank or on the boat.
3. Start with all idle needles 1 turn open and adjust for maximum RPM with distributor retarded to give about 600-to-700 RPM.
4. Warm engine before attempting adjustment.
5. With engine running at idling speed while in forward gear, turn low speed mixture adjusting needle counterclockwise until affected cylinders start to "load up" or fire unevenly due to over-rich mixture. (Figure 12)
6. Then slowly turn needle clockwise until cylinders fire evenly and engine picks up speed.
7. Continue turning clockwise until too-lean a mixture is obtained and engine slows down and misfires.
8. Set adjustment screw half way between rich and lean (approx. 1/2 turn).
9. Do not adjust leaner than necessary to attain reasonably smooth idling.

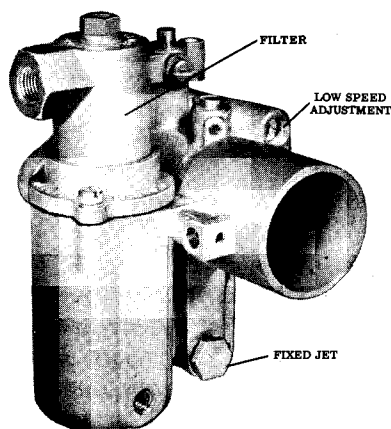


Figure 12. Idle Adjustment Screw

10. When in doubt, it is preferable to have mixture set slightly rich rather than too lean.

XI. REMOTE CONTROL ADJUSTMENTS

A. Cable Anchor on Engine

1. Adjust brass barrel so that it is 5/8" from end of brass sleeve on engine end of control cable (Figure 11)
2. Install cable to engine with barrel in this position.
3. Adjust forward limit screw in control station until engine throttle lever touches front throttle stop on bottom cowl. (The purpose of the forward limit in control box is to provide positive stop for handle to prevent overloading cable and attaching fittings.)

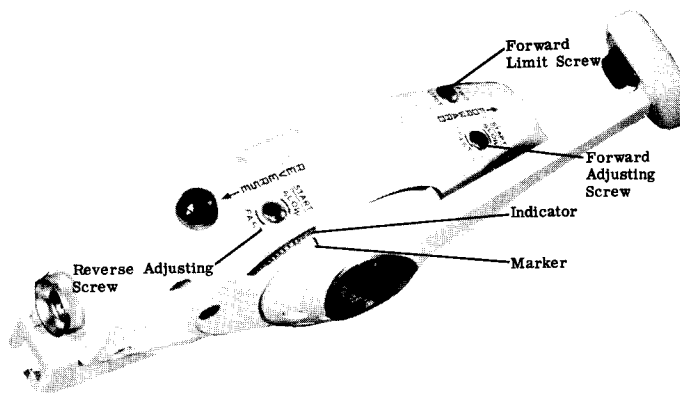


Figure 13. Forward and Reverse Detents

B. Forward Start Position

1. Insert harness connector in engine receptacle.
2. With control handle in vertical position, and with ignition switch on, depress starting button on underside of handle and slowly move forward (while holding switch depressed) until starter motor cranks engine.
3. With handle in this position, turn adjusting screw in "slow" direction until handle moves.
4. Now turn adjusting screw in "fast" direction 6 full turns. (Figure 13)

C. Reverse Start Position

1. Adjust in same manner as "Forward Start Position" in Paragraph "B" preceding.
2. Handle mechanism of this control is side loaded and must be moved toward operator and move past starting detents for either full forward or full reverse operation.