



# service bulletin

No. 89-11

Innovative carburetor engineering has achieved more precise carburetor calibration for idle, off-idle and acceleration operation which traditionally has been the most difficult to obtain. Thus, the 1990 model 135, 150, and 175 are smoother than ever at low speeds while maintaining maximum fuel economy at cruising speeds and optimum performance at wide open throttle.

1990 Models 135, 150, 175 are precisely calibrated for boats requiring 24" pitch or **lower** propellers.

**IMPORTANT: High performance boats requiring 25" pitch or higher propellers should have a Progression Air Jet Kit installed. See below for part numbers. This kit recalibrates the carburetors to accommodate the greater workloads that occur during idle, off-idle and acceleration when using 25" pitch or higher propellers. In addition an Idle Stabilizing Kit should be installed. It "bumps" the ignition timing when shifting into gear, thus reducing the RPM variation between idle in neutral and idle in gear. Reducing the RPM variation also reduces the "clunk" when shifting into gear.**

The cost of the kits and installation time (less than 30 minutes) will be covered within the warranty period. Install the kits, submit a warranty claim including the boat name, model and length and the propeller pitch.

## Progression Air Jet Kits

V135 P/N 815633A1

V150/175 P/N 815633A2

## Idle Stabilizing Shift Kit

P/N 87-814281 A1