

TO: SERVICE MANAGER  TECHNICIANS   
PARTS MANAGER

**No. 90-9**

## Diesel Engine Idle RPM

### Models

MCM 530, 636 D-TA Bravo One/Two  
MCM D183, D219, D254 Turbo AC Bravo One/Two  
MIE 530, 636 D-TA Inboard  
MIE D183, D219, D254 Turbo AC Inboard

### Idle RPM

Launch boat and tie it securely to the dock. Start engine and run it until it reaches normal operating temperature. Using an accurate service tachometer, please set these engines at 750 RPM in forward gear. Do not set idle RPM lower than 750 in forward gear.

### Problem

If RPM is set below 750 (in forward gear), the following problems may occur.

1. Gear “rattle” in the stern drive or in the inboard transmission.
2. Insufficient engine oil pressure to lubricate the upper part of the engine, thereby damaging the valve train.