

- A. Propeller Cavitation Burns
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A. PROPELLER CAVITATION BURNS

(Attach Bulletin Reference Sticker to P. 1A-15 of Your Service Manual.)

“Propeller cavitation burn” is the erosion of paint and metal on a propeller blade and is caused by a disturbed flow of water around the propeller blade, thereby damaging the blade surface. Turbulent water (or water mixed with air) at this point will erode the propeller blades.

Three possible causes of cavitation are:

1. Cavitation plate positioned too high above the boat bottom.
2. Disrupted water flow along the boat bottom because of rough or irregular boat bottom creating an air bubble stream.
3. Damaged or bent propeller.

If cavitation continues after checking these ~~three~~ items, the problem could originate with the operator by trimming the unit out too far, thus allowing the propeller to break loose and turn too fast in the water and creating a turbulent flow over the propeller blades.

B. NEW BATTERY SERVICING

(Attach Bulletin Reference Sticker to P. 1A-12 of Your Service Manual.)

When electrolyte is added to a new battery, it is essential that the battery be brought up to full charge before it is installed in the boat. If the battery is not charged, it will have minimum amount of voltage available which could cause hard starting and/or cause the starter solenoid contacts to weld together because of insufficient starter solenoid pull-in current.

C. SLOW DRIVE UNIT TRIMMING in COLD WEATHER

(Attach Bulletin Reference Sticker to P. 1A-17 of Your Service Manual.)

The Power Trim system may operate slower as temperature drops. In such a case, change the pump oil to a SAE 10W or MS 10-20W, which will help the trim system operate at a normal speed. As temperature rises in the summer months, the pump oil must be changed back to the present SAE 20 recommendation.

D. OVERSIZE PISTONS and PISTON RINGS - General Motors Engines

(Attach Bulletin Reference Stickers to PP. 5A-30 and 5D-35 of Your Service Manual.)

All .020" oversize pistons and piston rings (except 4-cylinder MCM 140) for all General Motors engines will become NLA (No Longer Available) when stock is depleted. The following part numbers will be affected:

<u>Piston Assemblies</u>		<u>Piston Rings</u>	
B-734-2273	B-735-2324	B-39-67118	B-39-67130
B-734-3159	B-735-4304	B-39-67120	B-39-67133
B-734-3660	B-735-4623	B-39-67124	

E. NEW SERVICE TOOL - ROCKER STOPPER

(Attach Bulletin Reference Sticker to P. 9-10 of Your Service Manual.)

Rocker Stoppers (C-91-66273) eliminate splashing, squirting oil while adjusting the valve lash. A set of 16 "stoppers" will plug the oil holes in ball pivoted rocker arms on all MerCruiser Engines with hollow push rods. (Figure 3)

C-91-66273 Rocker Stopper

(Minimum Order 16 Pieces)

Ea. \$.30 U.S. List

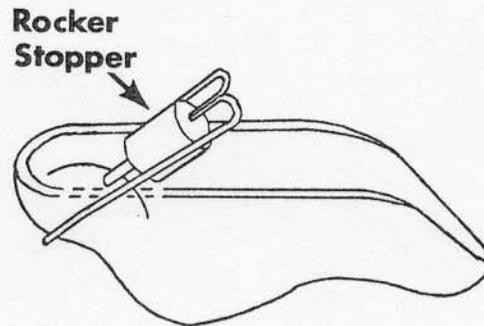


Figure 3. Rocker Stopper on Rocker Arm