

# SERVICE BULLETIN

# MERCURY OUTBOARDS

Number: 78-10

Date : 2/17/78



CIRCULATE TO:	SERVICE MGR.	PARTS MGR.	MECHANICS	Place in Your "Service Bulletins Binder"
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- A. Off Idle Lean Condition - 1978 Merc 1750
- B. Jet Sizes, Bowl Vent (Back Drag) - 1978 Merc 1750-2000
- C. Gear Housing Repair - 1978 Merc 1750

## A. OFF IDLE LEAN CONDITION - 1978 Merc 1750

(Attach Service Bulletin Sticker to P. 5/3-13 in your Service manual.)

Under some operating conditions, there may be complaints of the 1978 Merc 1750 running lean when coming off idle. If this condition persists, replace the .046" idle air bleed jets with .044" jets.

**A-1395-7394                      Idle Air Bleed Jet - .044"**

## B. JET SIZES, BOWL VENT (BACK DRAG) - 1978 Merc 1750-2000

(Attach Service Bulletin Sticker to P. 9A-4 in Your Service Manual.)

The demands for fuel/air mixture are not the same for all cylinders on V-6 outboards; therefore, the bowl vent jets are not identical in all carburetors. Jet sizes are as follows:

MERC 1750 BOWL VENT JETS				
Carburetor	Barrel	Jet Size	Barrel	Jet Size
Top	Port	.090"	Starboard	.090"
Middle	Port	.082"	Starboard	None
Bottom	Port	None	Starboard	None
TOP	Port	.084"	Starboard	.084"
Middle	Port	.084"	Starboard	None
Bottom	Port	.084"	Starboard	None

## C. GEAR HOUSING REPAIR - 1978 Merc 1750

(Attach Service Bulletin Sticker to P. 7C-1 in Your Service Manual.)

Model 1978 Merc 1750 gear housing assemblies were produced with two different combinations of gears, bearings and housing assemblies. These combinations cannot be intermixed; consequently, when ordering parts, the Parts' List must be closely observed.

The two 1978 Merc 1750 gear housings and their components (do not intermix) are:

- **Gear Hsg. (Casting No. 1647-7223)**  
Bearing (Stamped: Cup No. M804010;  
Cone No. 804049)  
Forward Gear (Stamped 43-77179)  
Pinion Gear (Stamped 43-67885)

- **Gear Hsg. (Casting No. 1647-6670)**  
Bearing (Stamped: Cup No. JM205110;  
Cone No. JM205149)  
Forward Gear (Stamped 43-78082)  
Pinion Gear (Stamped 43-78081)