

TO: SERVICE MANAGER TECHNICIANS
PARTS MANAGER

No. 88-5

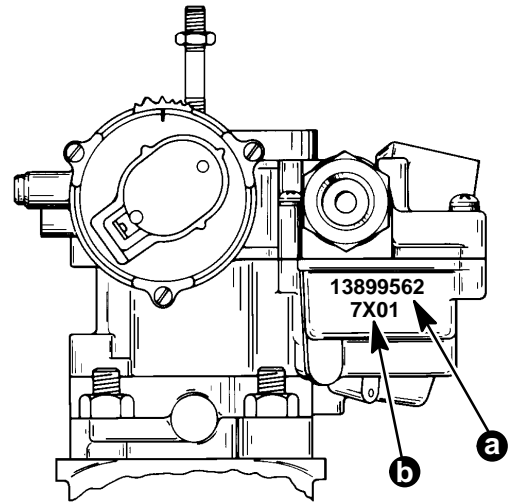
Overrich Acceleration “Bog” on MerCarb Equipped Models MCM 120/140/2.5L/3.0L

There is a new Venturi Cluster P/N 3302-9810 available to correct the “overrich bog” condition that may be encountered on these model engines equipped with Mercarbs which have the increased capacity (4cc) accelerator pump.

This new Venturi Cluster can only be used on Mercarbs, P/N 1389-9562, equipped with the increased capacity accelerator pump P/N 3322-9655.

Accelerator pumps that are modified in any way from original to correct this “boggling” condition, must be converted back to original specification and parts before the new cluster venturi is installed. Also, if a 1/4” ball was used under the accelerator pump to restrict the pumps movement, discard that ball after installing the new venturi.

Models equipped with the new cluster have day code 7X01 (Figure 1). Models and starting serial numbers with 7X01 Mercarb are 2.5L, OB923578 and 3.0L, OB923342.



384-H

- a - Part Number
- b - Date Code

Carburetor Part Number Location Figure 1.

Date Code Explanation: Example 4501

First Figure is Year

6 = 1986, 7 = 1987, etc.

Second Figure is Month

5 = May, 6 = June, 7 = July, etc.

X = October, Y = November, Z = December

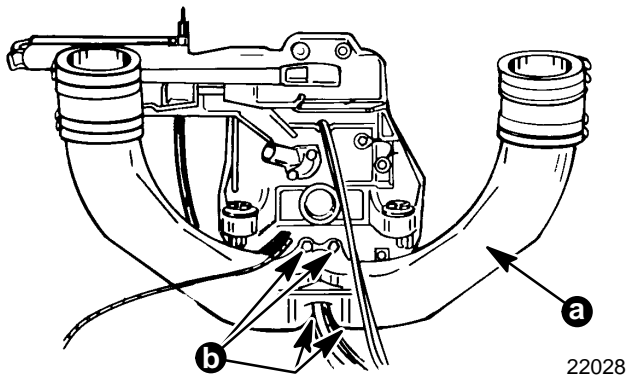
Third and Fourth Figure is Day of Month

01 = First day, 02 = Second day, etc.

Alpha One Exhaust Pipe Installation Change

All MerCruiser V-6 and V-8 Alpha One Magnum models are now being equipped with the new Plus Power exhaust system for improved performance. The exhaust pipe on these models is now secured to the gimbal housing with 4 screws, instead of 3 (Figure 2). Early exhaust pipe installation used only 3 screws. (S/B 86-27) The additional screw has been added at the 11:00 o'clock position on new models being manufactured (Figure 2).

The torque specification for these screws is still the same as in the past -- 20–25 lbs. ft.

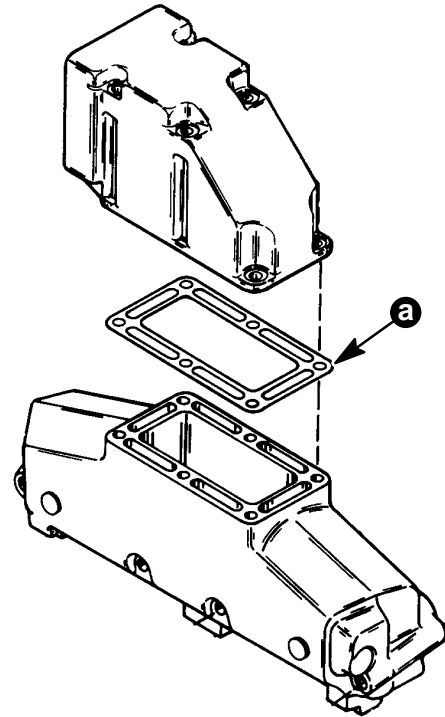


- a - Exhaust Pipe Assembly
- b - Torque Bolts to 20–25 lb. ft. (27–34 N.m)

Figure 2.

MCM HP 420 Exhaust Elbow Water Leak

When replacing a leaking HP 420 exhaust elbow to manifold gasket P/N 27-13847 (Figure 3) coat both sides of gasket with Perfect Seal P/N 92-34227. This will prevent the water leak (weeping) from reoccurring between exhaust elbow and manifold.



- a - Exhaust Elbow Gasket 27-13847

Figure 3.