

NUMBER: 85-37

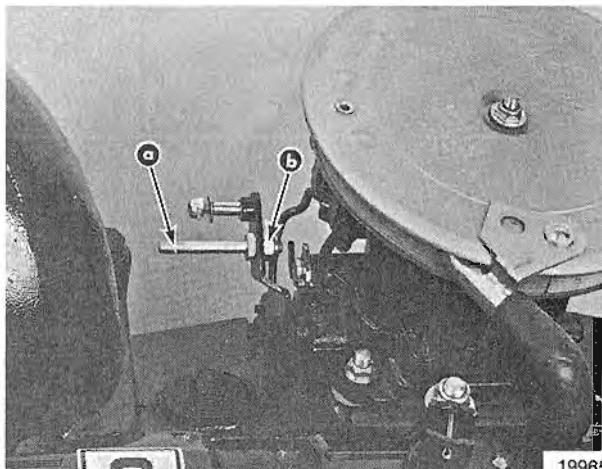
CIRCULATE TO:
SERVICE MANAGER
PARTS MANAGER
MECHANICS
"Place in a Service
Bulletin Binder"

1986 MCM 120/140 THROTTLE CABLE INSTALLATION

For 1986 MerCruiser has introduced a rocker cover mounted shift actuating mechanism on the 120/140 engines. The actuating mechanism was moved from the exhaust manifold to the rocker cover to ease cable installation and adjustment for the boat manufacturers and dealers.

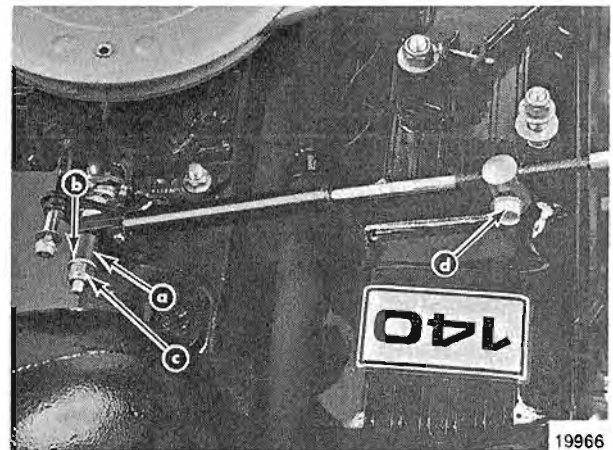
When installing throttle cables with this new mounting system, a THROTTLE CABLE ADJUSTMENT PROBLEM MAY BE ENCOUNTERED USING CONTROLS OTHER THAN QUICKSILVER CONTROLS. During installation and adjustment of the throttle cable, check to make sure the carburetor throttle plates return all the way to the idle position. If the throttle plates are partially open and the throttle cable brass barrel is adjusted all the way to the end of the thread travel, make the following modification;

Install 16-97477A1 stud assembly in hole in throttle arm as shown in Figure 1. Install throttle cable using new stud and readjust brass barrel so throttle plates return to idle with control in neutral position. Install brass barrel to anchor bolt as shown in Figure 2. Torque bolt to 15 lbs. ft. (20 N.m)



a - Stud

b - Nut



a - Long Bushing From Kit
b - Washer

c - Nut
d - Anchor Bolt

Figure 1. Stud Installed in Throttle Arm Figure 2. Throttle Cable Installed on New Stud

IMPORTANT: This modification is not necessary if a Quicksilver control is installed in the boat. Make this modification only if the O.E.M. control does not allow enough adjustment for proper installation.

Future engines will have the anchor stud mounting boss relocated on the valve cover to eliminate the need for this procedure.