

High Idle on start up.

Turn PerfectPass black dial on Servo one full turn counter clockwise, then start engine and if idle is now normal the PerfectPass linkage needs adjustment.

Every time PP is powered (Or boat started) the Servo does an “Auto Tighten Rotation Check” and attempts to turn the dial clockwise which is normal. If the adjustment at the Brass L is not right (A gap) it can close this gap and open the throttle.

With key OFF, try turning the Black Knob clockwise until snug and you may see the Throttle Arm on Engine open a bit if there is a GAP. See Figure C. (With boat in Neutral, make sure No Gap Here) The location of the Brass L Adapter must be adjusted along the threaded portion of the cable to remove any gap. Then try turning the black knob again and confirm the boat throttle arm stays at the dead idle stop.

The only adjustment for PerfectPass is where the Brass L attaches to the cable.

Saved high idle adjustment

Figure C

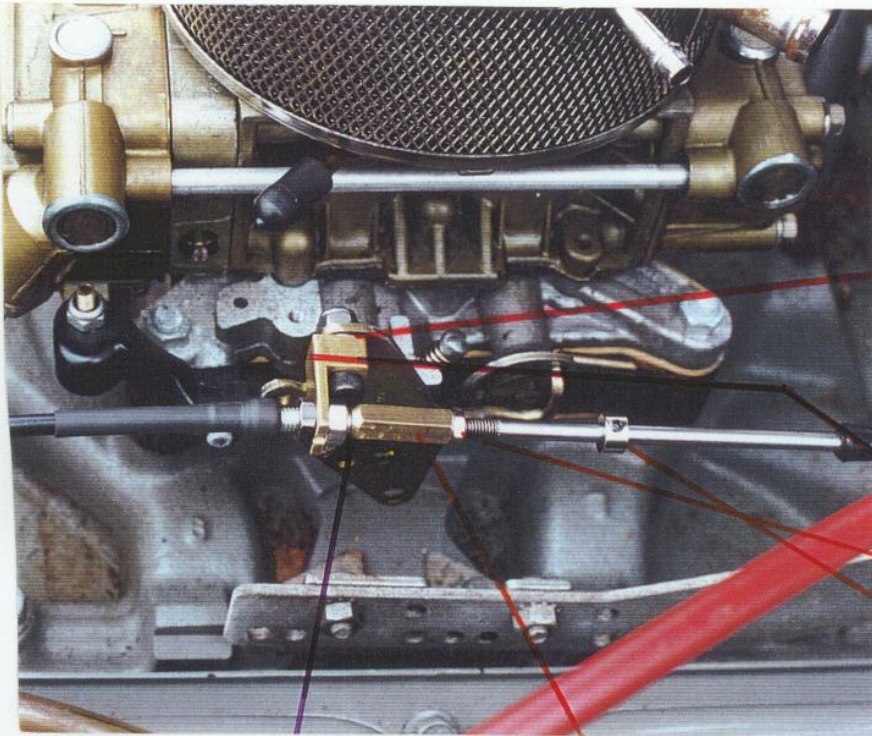
(Shows proper installation with boat in neutral)

Install washer against L adapter, which should freely swivel.

Brass L adapter

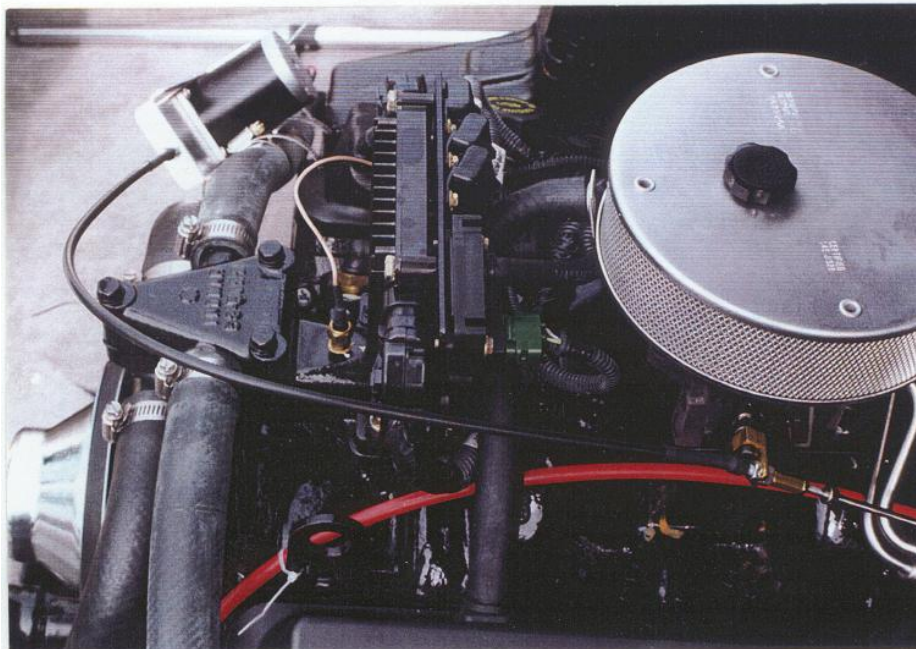
10/32 nut

Throttle stop (no longer required)



With boat in neutral, make sure no gap here.

Brass hex



This photo shows a good installation of servo-motor and cable (smooth bend in cable).