

NOTE: Air cleaner and air cleaner hose are removed for clarity in the photographs. Removal during installation is not necessary.

1. Remove the throttle control wire from the carburetor bell crank. Remove bracket securing the throttle control cable to the carburetor. Remove the cable from the bracket, discard bracket.
2. Install Governor on the Mounting Bracket using the bolts, nuts, and lockwashers provided.

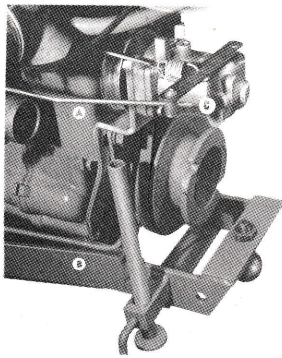


Figure 1

3. Remove hex head bolt (B-Figure 1) from crankcase, and nut and lockwasher (A-Figure 1) from fan housing.
4. Install governor and mounting bracket on tractor. Replace hex head bolt in crankcase. (See Figure 1). When installed correctly, governor lever (C-Figure 1) lies horizontally at the stop of the governor.
5. Move bracket to make governor pulley bear firmly on fan belt. Avoid excessive belt pressure. Secure bracket with nut and lockwasher.

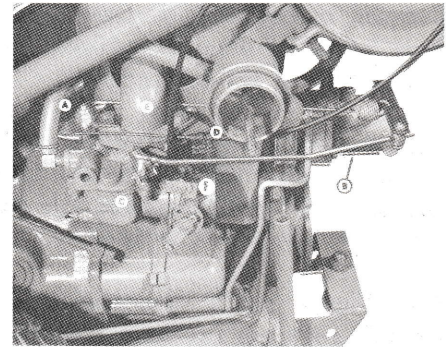


Figure 2

6. Assemble the governor control arm and bracket (A-Figure 2) as shown using the hex head bolt and locknut. Remove hex head bolt from carburetor-manifold assembly. (See Figure 2). Mount the governor control bracket and arm on the manifold using the same bolt taken from the carburetor-manifold assembly. The governor control arm should move easily with light pressure; adjust tension with the pivot bolt and nut.
7. Remove the hex head bolt from the carburetor-manifold assembly. (See Figure 2). Mount the manual choke bracket (F-Figure 3) on the manifold using the bolt just removed.
8. Insert the governor control link (D-Figure 2) into the hole in the governor control arm, extending it toward the governor lever.
9. Mount bellcrank (C-Figure 2), furnished with the governor kit, to the carburetor, discarding the old bellcrank. Mount so that there is an equal amount of travel between a vertical line and wide open and a vertical center line and closed.
10. Hold the bellcrank in the wide open position and the governor lever at its stop toward the tractor. Fit the throttle linkage rod (B-Fig 2) from bellcrank to the end of the governor lever. In every case the rod must fit freely and firmly in place without binding or strain.

Attach rod to the bellcrank with the small clip provided. Tighten down screw on the swivel pin on governor lever. Test this linkage after installation by moving it through its entire travel. Be sure the linkage is free--not binding or rubbing against any other part of the tractor.

11. Insert the governor spring into the center hole of the governor lever, hook spring into slot in the governor control link.
12. Install throttle wire in the governor control arm. With the throttle lever in the closed position and the bellcrank (C-Figure 2) in the forward most position, secure the throttle control cable to the manual choke bracket.
13. Start the tractor. With the throttle lever closed, adjust the idle screw until the tractor is idling satisfactorily, being sure the idle screw contacts the stop while this is being done.
14. (See Figure 3). A tachometer is necessary to set the governor properly. With the tachometer in place on the crankshaft, open the throttle. Engine should be between 2600 to 2800 rpm full throttle no load. Adjust cable in clip so that the

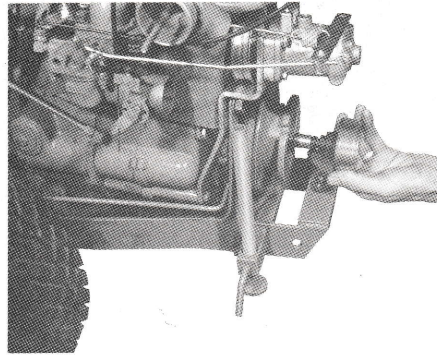


Figure 3

throttle lever is against its stop. Adjust rpm by moving the throttle linkage rod in the governor lever.

15. The purpose of the holes in the governor lever is to control the sensitivity of response by the governor to the engine load. If governor response is not adequate, move the spring one hole closer to the governor. If it is responding too quickly, move the spring one hole away, continuing until it responds satisfactorily. Recheck engine rpm.

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