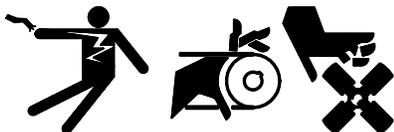


## Governor Throttle Kit 276941 20-100ROZJ Standby Generator Sets

This kit replaces the governor throttle spring and ball joint linkage styles with a two stop screw and sleeve system for maintaining the governor in the full-open position.

### **WARNING**



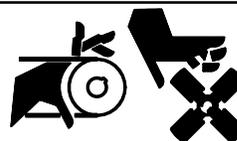
**Accidental starting.**  
Can cause severe injury or death.

Disconnect battery cables before working on generator set (negative lead first and reconnect it last).

**Accidental starting can cause severe injury or death.** Turn Generator Master Switch to OFF position, disconnect power to battery charger, and remove battery cables (remove negative lead first and reconnect it last) to disable generator set before working on any equipment connected to generator. The generator set can be started by automatic transfer switch or remote start/stop switch unless these precautions are followed.

**Exposed moving parts can cause severe injury or death.** Keep hands, feet, hair, and clothing away from belts and pulleys when unit is running. Replace guards, covers, and screens before operating generator set.

### **WARNING**



**Rotating parts.**  
Can cause severe injury or death.

Do not operate generator set without all guards, screens, or covers in place.

### **WARNING**



**Hot engine and exhaust system.**  
Can cause severe injury or death.

Do not work on generator set until unit is allowed to cool.

**Hot parts can cause severe injury or death.** Do not touch hot engine parts. An engine gets hot while running and exhaust system components get extremely hot.

## INSTALLATION

1. Place generator master switch to OFF position and disconnect battery, negative lead first.
2. Remove governor spring **or** governor ball joint linkage. These components will not be reused. The bracket can remain mounted to engine. See Figure 1.
3. Use a 5/16 in. wrench to loosen the lock nuts on speed adjusting screws, see Figure 2.
4. Use a 5/32 in. hex key wrench and remove the screw and throttle lever.
5. Use a 9/64 in. hex key wrench and remove screw and throttle backing plate.
6. Install sleeve 276803 on boss of governor body located directly below the throttle speed lever. Place the slotted portion to the bottom and use a hammer to install.
7. On 80/100 ROZJ models and on 50 Hz., 20–60 ROZJ models it may be necessary to switch the high and low idle screws so that the longer screw is on the low idle speed screw side. Typically, the spacer 276940 is located on the low idle speed screw. If difficulty occurs when adjusting for proper frequency, the spacer may need to be relocated to the high idle speed screw and in some cases it may not be required.

8. Reconnect battery, negative lead last.
9. Connect frequency meter to output leads. Start generator set.

### Proper frequency at no load is:

**50 Hz. models is 52.3 Hz. max.**

**60 Hz. models is 62.7 Hz. max.**

Adjust low idle speed screw against sleeve until proper frequency is achieved and set position by tightening lock nut. Do NOT over-tighten screw.

Turn high idle speed screw against sleeve until finger tight and set position by tightening lock nut. Do NOT over-tighten screw.

Place generator master to OFF position to STOP generator set.

10. Use a 9/64 in. hex key wrench and install screw and throttle backing plate.
11. Use a 5/32 in. hex key wrench and install the screw and throttle lever.

## PARTS LISTING

Description	Qty.	Part No.
Sleeve (C)	1	276803
Spacer (threaded)	1	276940

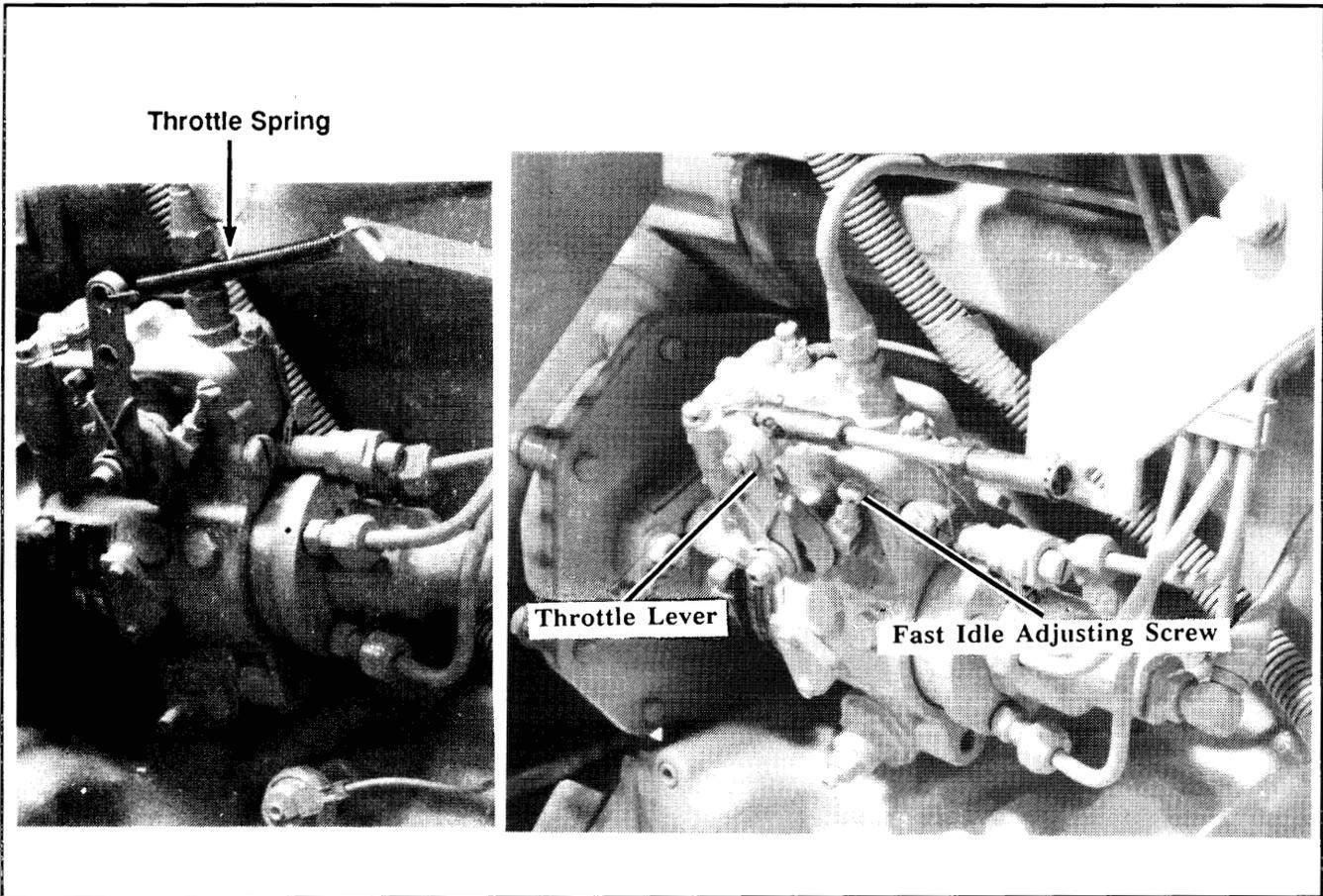


Figure 1. Removing Existing Throttle Spring or Ball Joint Linkage (typical)

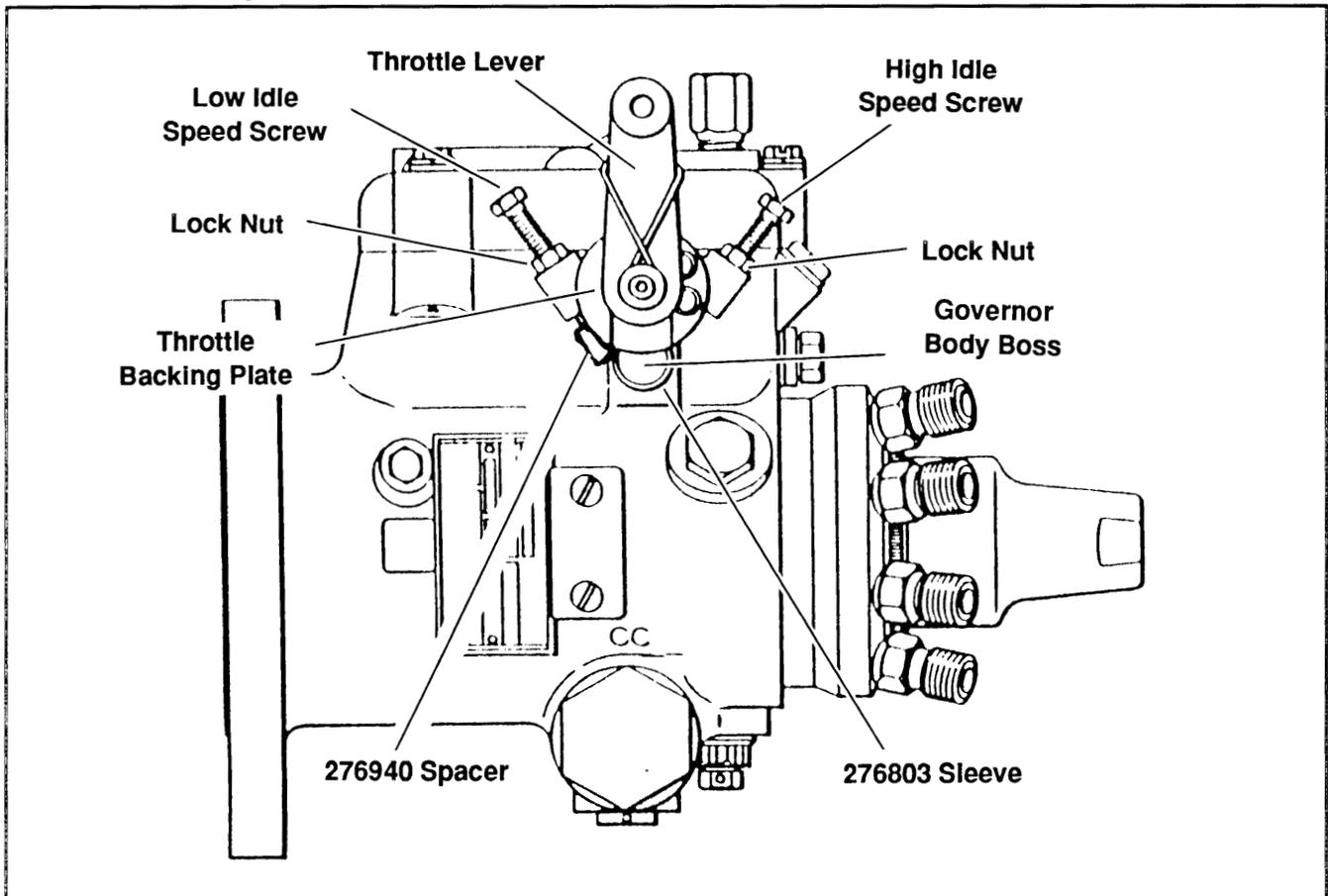


Figure 2. Installing Governor Throttle Kit (typical)