

T118882B-UN: Yoke

Key switch on, engine off.

2. Disconnect decelerator pedal voltage sensor.

3. **NOTE:**

Test harnesses used in this procedure can be found in JT07237 and JT07329 test harness kits.

Connect JT07329-3 harness inline between decelerator pedal sensor and machine harness.

4. Connect black wire connector from JT07329-3 harness to black wire connector from JT07237-1 harness.
5. Connect white wire connector from JT07329-3 harness to red wire connector from JT07237-1 harness.

NOTE:

Red wire connector on JT07329-3 will not be used.

6. Connect JT07237-1 test harness to a multimeter.
7. Move engine speed control lever (2) to fast idle. Decelerator pedal **must** be up against roll pin (3).
8. Voltage with decelerator pedal up should be within specification. Record voltage.

Item	Measurement	Specification
Decelerator Pedal Sensor—Fast Idle	Voltage	1.36—2.36

9. Depress decelerator pedal fully to bottom stop. Record voltage. Voltage must increase within specification.

Item	Measurement	Specification
Decelerator Pedal Voltage Increase From Fast To Slow Idle	Voltage	1.8—2.2

If voltage increase is not to specification, adjust decelerator pedal slow idle stop as necessary.

10. With the decelerator pedal depressed, move the engine speed control lever to slow idle. Adjust the yoke (1) at the lever end of the cable until the pin is a slip fit through the lever (2). Lengthen cable by turning yoke out (as necessary) to keep decelerator pedal against the slow idle stop.

NOTE:

When correctly adjusted, the engine speed control lever will move slightly rearward when released from the slow idle position.

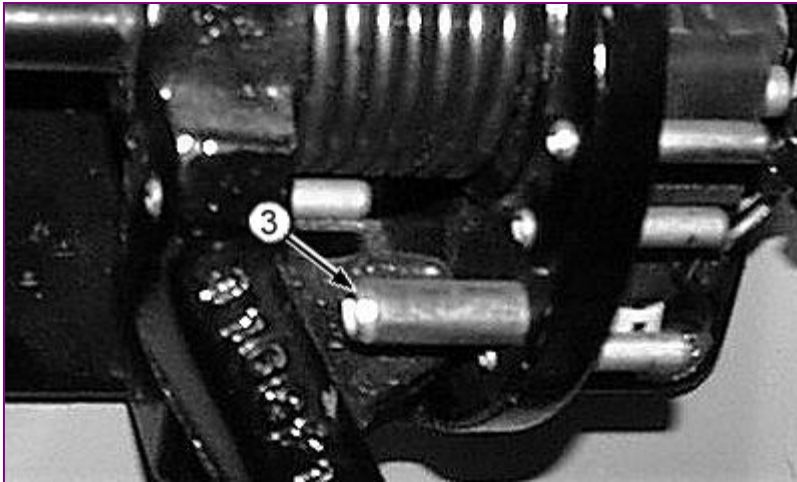
Engine speed control lever MUST move the decelerator pedal through it's entire stroke with a little extra lever movement at the fast idle end.

TM1858 - 700H Crawler Dozer Engine Speed Control Linkage Adjustment (S.N. —920838)

Engine Speed Control Linkage Adjustment (S.N. —920838)



T118617-UN: Engine Speed Control Linkage



T118883B-UN: Roll Pin



T118882B-UN: Yoke

This procedure will adjust the decelerator pedal travel, the cable travel between the cross shaft and the engine speed control lever and finally the linkage between the cross shaft and the injection pump.

-: Specifications

