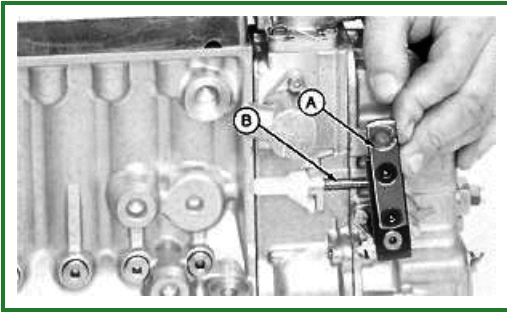


Check Engine Fast Idle Speed

IMPORTANT:



RG3600-UN: Check Engine Fast Idle Speed

Injection pump fast idle adjustment should only be done by a authorized diesel repair station or qualified OEM dealer or John Deere Engine Distributor.

1. With the engine running, move governor control lever (A) against the fast idle stop screw (B).

NOTE:

The governor control lever on injection pump may be inboard (next to engine block) or outboard (away from engine block), depending upon engine application.

2. Using a tachometer, check engine fast idle speed to see if it is within specifications given below:

Item	Measurement	Specification
6619AF Engine 3-5% Governor	Fast Idle Speed	1850-1890 rpm
6619AF Engine 8-10% (Standard) Governor	Fast Idle Speed	2370-2420 rpm

NOTE:

The above speeds are for OEM applications only. Refer to the appropriate machine technical manual for all other applications.

If fast idle speed must be adjusted, see your authorized diesel repair station.

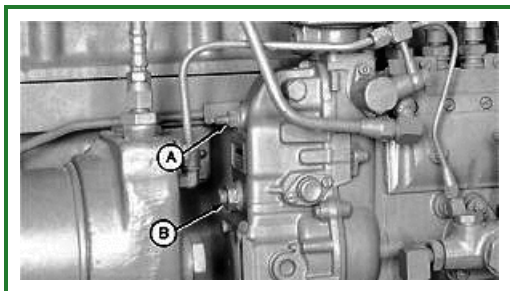
NOTE:

For some applications such as generator sets, special equipment may be required for fast idle adjustment in conjunction with droop adjustment. See your OEM dealer or John Deere Engine Distributor.

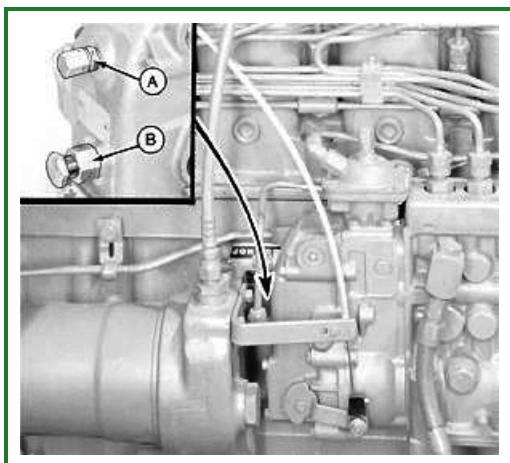
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S11,23010,M,9-19-19960125

Check and Adjust Slow Idle Speed



RG4144-UN: Adjust Slow Idle Speed



RG3608-UN: Adjust Slow Idle Speed

1.

⚠ CAUTION:

ALWAYS STOP ENGINE before making adjustments.

IMPORTANT:

Minor adjustment of the slow idle speed may be made with the supplementary idling spring screw. However, it should not be used by itself to change engine speed more than 20 rpm, as overspeeding of the engine may result.

If slow idle stop screw and supplementary idling spring screw are not adjusted according to instruction, engine damage could result because of overspeeding.

NOTE:

Both the slow idle stop screw (A) and the supplementary idling spring (B) may be used to adjust the slow idle speed.

With the engine running, pull the governor control lever rearward to the slow idle speed position. Check and adjust slow idle speed to the following specification.

Item	Measurement	Specification
6619AF Engines	Slow Idle Speed	800-850 rpm

NOTE:

The above specification is for OEM applications only. Refer to the appropriate machine