



INSTRUCTION BULLETIN

No. 340766

Machine: All diesels machines
equipped with actuator
07539

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NOTE: DO NOT DISCARD the Parts List from the Instruction Bulletin. Place the Parts List in the appropriate place in the machine manual for future reference. Retaining the Parts List will make it easier to reorder individual parts and will save the cost of ordering an entire kit.

NOTE: Numbers in parenthesis () are reference numbers for parts listed in Bill of Materials.

Installation instructions for kit number 9001201

SYNOPSIS / PROBLEM:

This kit contains the parts needed to install a diesel governor actuator on all diesel machines equipped with old actuators.

Please follow step-by-step instructions.

SPECIAL TOOLS / CONSIDERATIONS:

(Estimated time to complete: 1/2 hour)

PREPARATION:

1. Park the machine on a clean level surface.
2. Turn off machine, remove key, and set parking brake.

FOR SAFETY: Before leaving or servicing the machine, stop on level surface, set the parking brake, turn off the machine, and remove the key.

3. Open all necessary doors and/or covers to access the engine.
4. Disconnect battery cables from machine.



WARNING: Always disconnect battery cables from machine before working on electrical components.

INSTALLATION:

1. Remove the terminals from the 84/GRN and 86/PUR wires at the existing governor actuator. Refer to Fig. 2.
2. Remove the old actuator 07539.
3. Use four socket head screws (3) to install the new actuator governor adapter (2), throttle solenoid gasket (4), and diesel governor actuator (1) onto the engine. Tighten screws to 8-12 ft lbs of torque. Refer to Fig. 1.

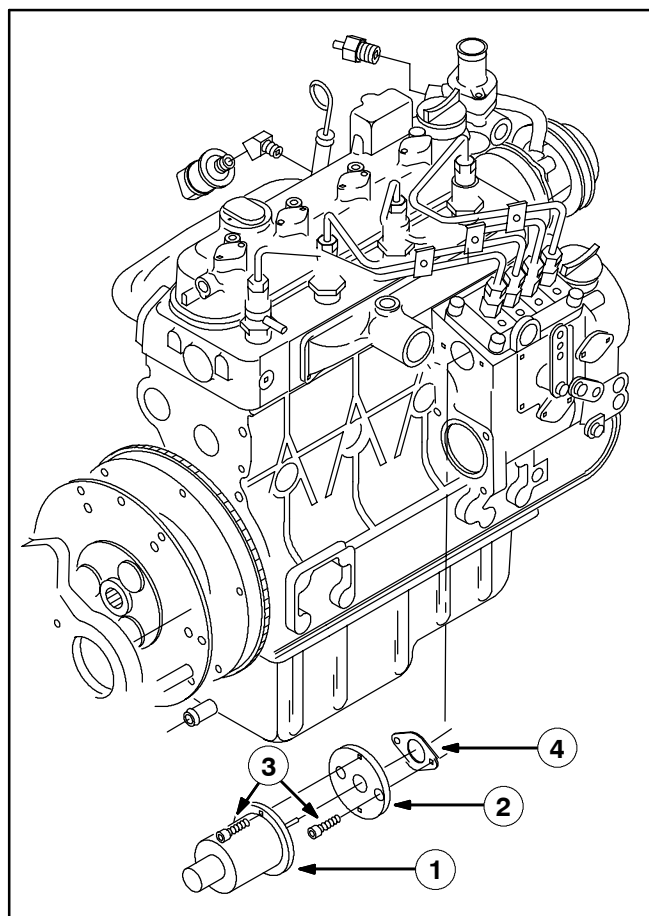


FIG. 1 Diesel Governor Installation

4. Use the connector splices (6) and heat shrink tubes (7) to connect the new governor adapter harness (5) to the main harness. Refer to Fig. 2.
5. Connect wire harness as shown in Fig. 2
6. Connect battery cables to machine.
7. Start and test the machine.

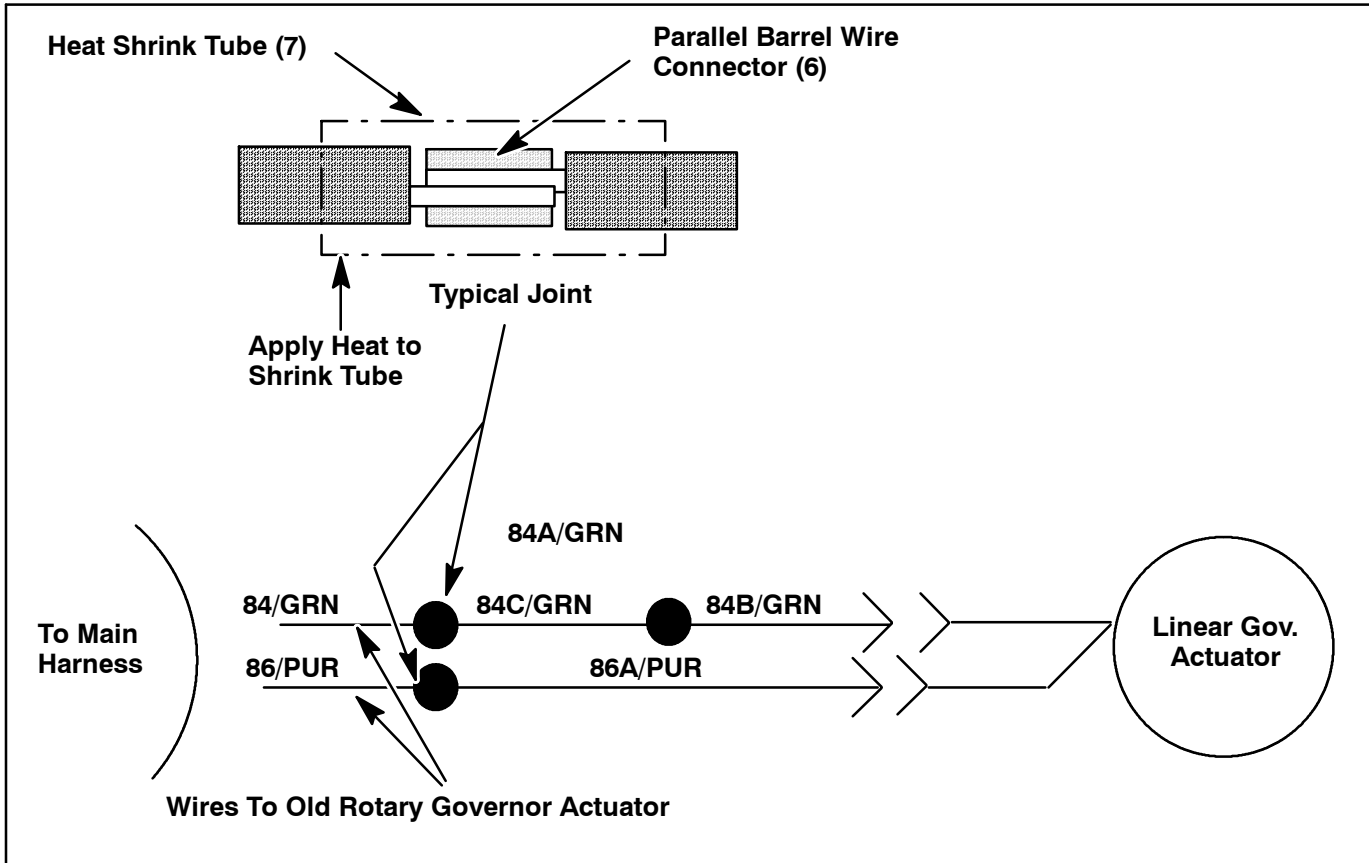


FIG. 2-Diesel Governor Actuator

Bill of Materials for Kit, CI, Actuator, Govnr, Dsl-9001201

| Ref. | TENNANT Part No. | Description | Qty. |
|------|------------------|---------------------------------------|------|
| 1 | 71385 | Actuator, Govnr, Dsl | 1 |
| 2 | 393401 | Adapter, Actuator, Govnr, Eng, Dsl | 1 |
| 3 | 71388 | Screw, Soc, M6 X 1.0 X 16, 12.9 | 4 |
| 4 | 70165 | Gasket, Solenoid, Throttle [KU] 16299 | 1 |
| 5 | 390620 | Harness, Jumper [MP] | 1 |
| 6 | 28693 | Connector, Splice [16GA] | 2 |
| 7 | 41755 | Tube, Heatshrink, .25ID 01.5L | 2 |

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