

SAKAI

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MASTERS OF COMPACTION



884

Diagnostic
Information

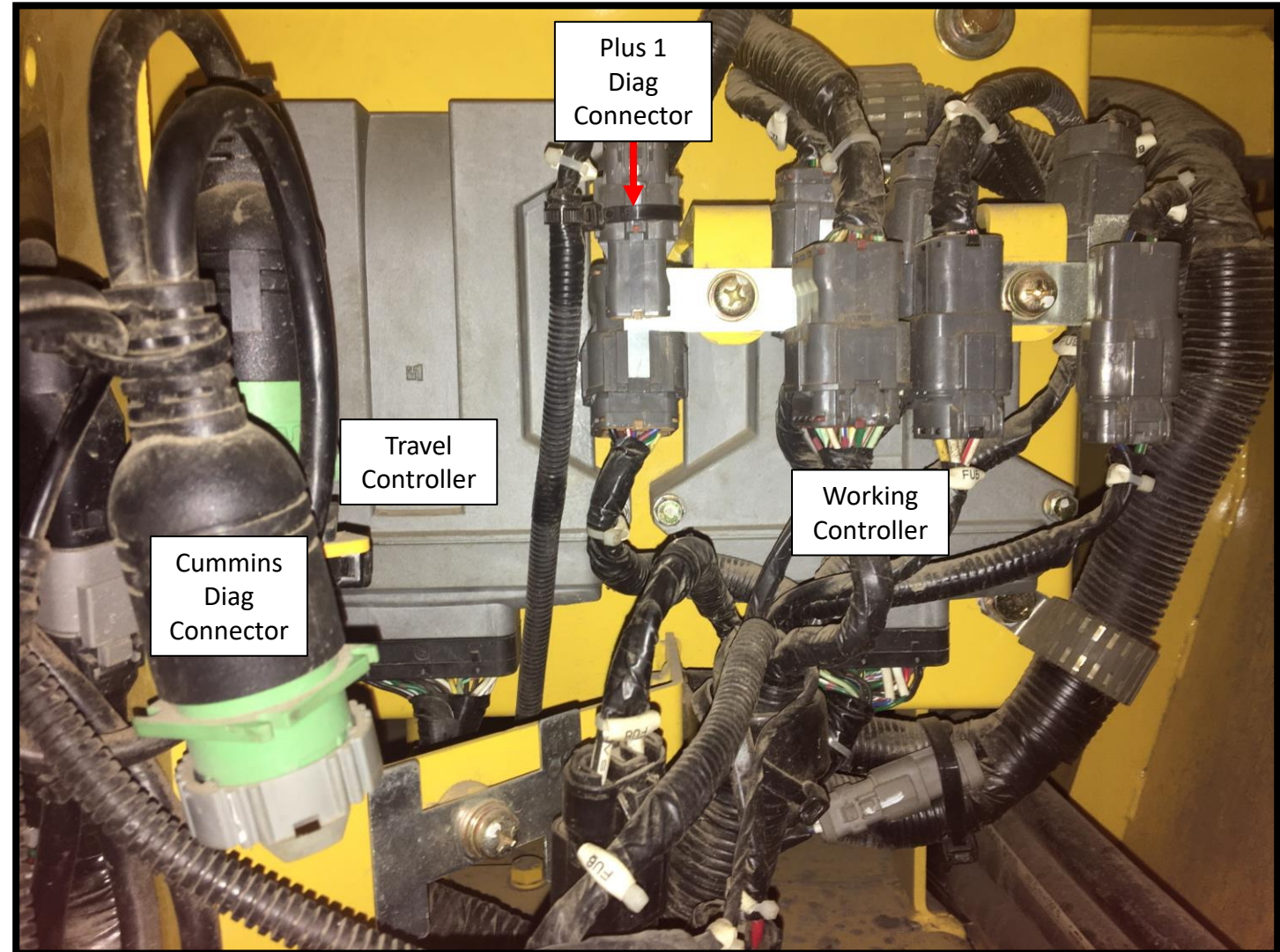
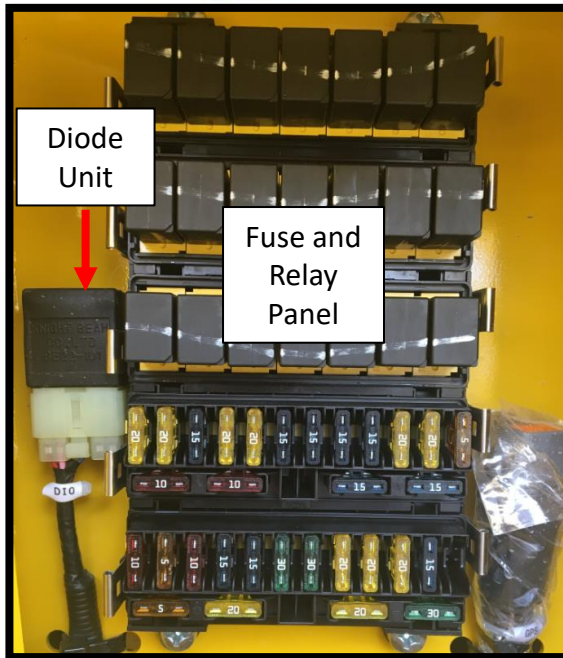
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MEASUREMENT OF PARKING BRAKE RELEASE PRESSURE

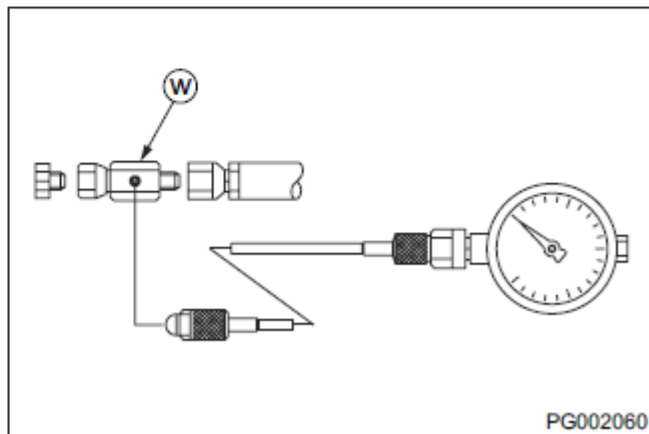
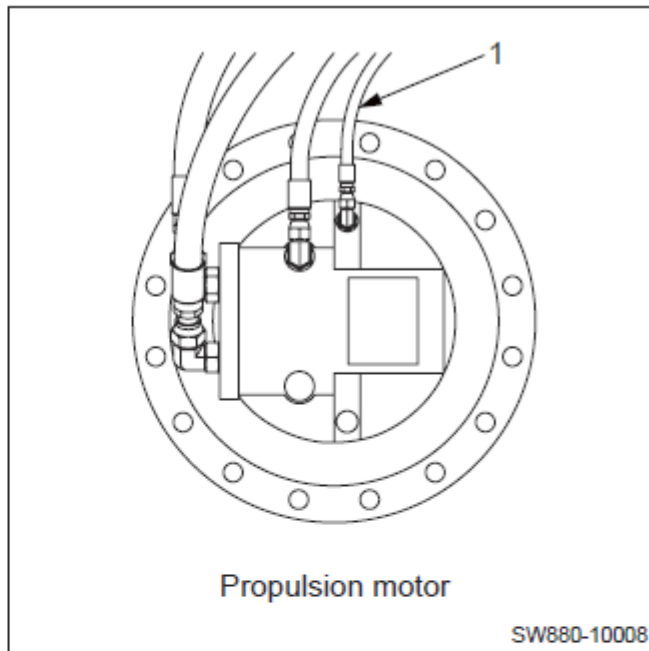
· Oil temperature during measurement : $50 \pm 5^{\circ}\text{C}$ ($122 \pm 9^{\circ}\text{F}$)

- ① Disconnect hose (1) from propulsion motor. Attach pressure gauge through adapter (W).

 - Adapter (W) : 4-4LOHL6G5TP (Parker part number)
 - Pressure gauge : 0 to 5 MPa (0 to 725 psi)

- ② Confirm that F-R lever is "N".
- ③ Apply parking brake by pressing parking brake switch button.
- ④ Start the engine and set throttle switch to "Full".
- ⑤ Release parking brake by pressing parking brake switch button.
- ⑥ Read brake release pressure indicated by pressure gauge.

★ Brake release pressure : More than 1.5 MPa (218 psi)



Will not Vibrate Front Drum High

Is there power at the Front Vibrate High Solenoid(Light Green)?

No, Is there power at the Working Controller pin 43(Light Green wire)?

No, Are switches set to correctly?

No, See Ops Manual for proper setup.

Yes, The Ground on Pin 1 and Power on Pin 2?

No, Repair connection or inspect 15a Plus 1 Fuse.

Test Power across switch, Inspect Resistor unit and test Plus 1 controller.

Yes, Repair broken Light Green Wire.

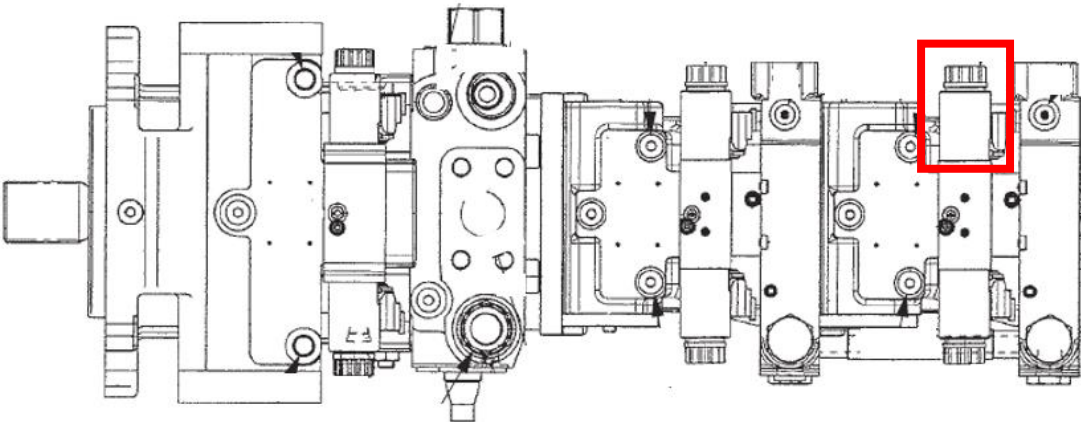
Yes, Test the ground wire on the coil, is the ground wire good?

No, repair ground wire and test.

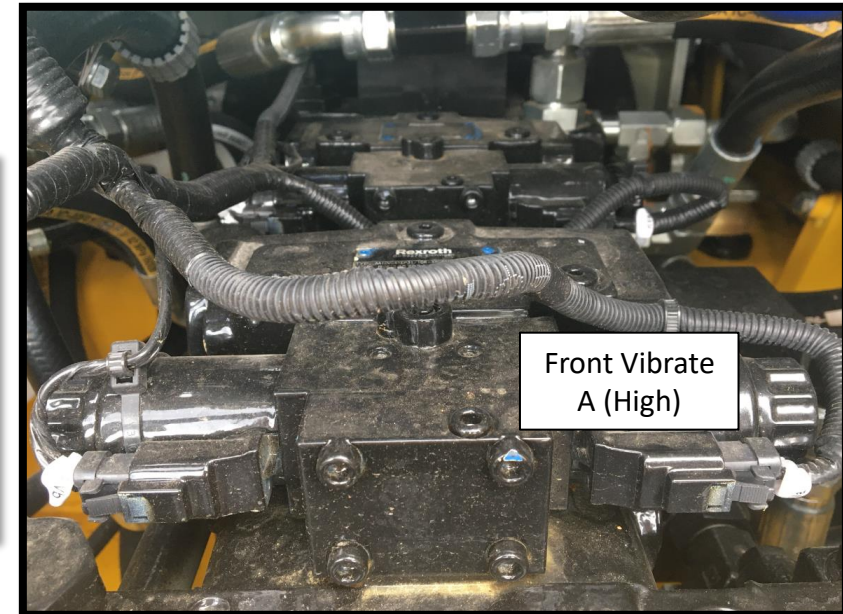
Yes, Remove coil. Activate Front High Vibrate. Does coil magnetize?

Yes, Test coil for proper operation and test Vibrate Pressure.

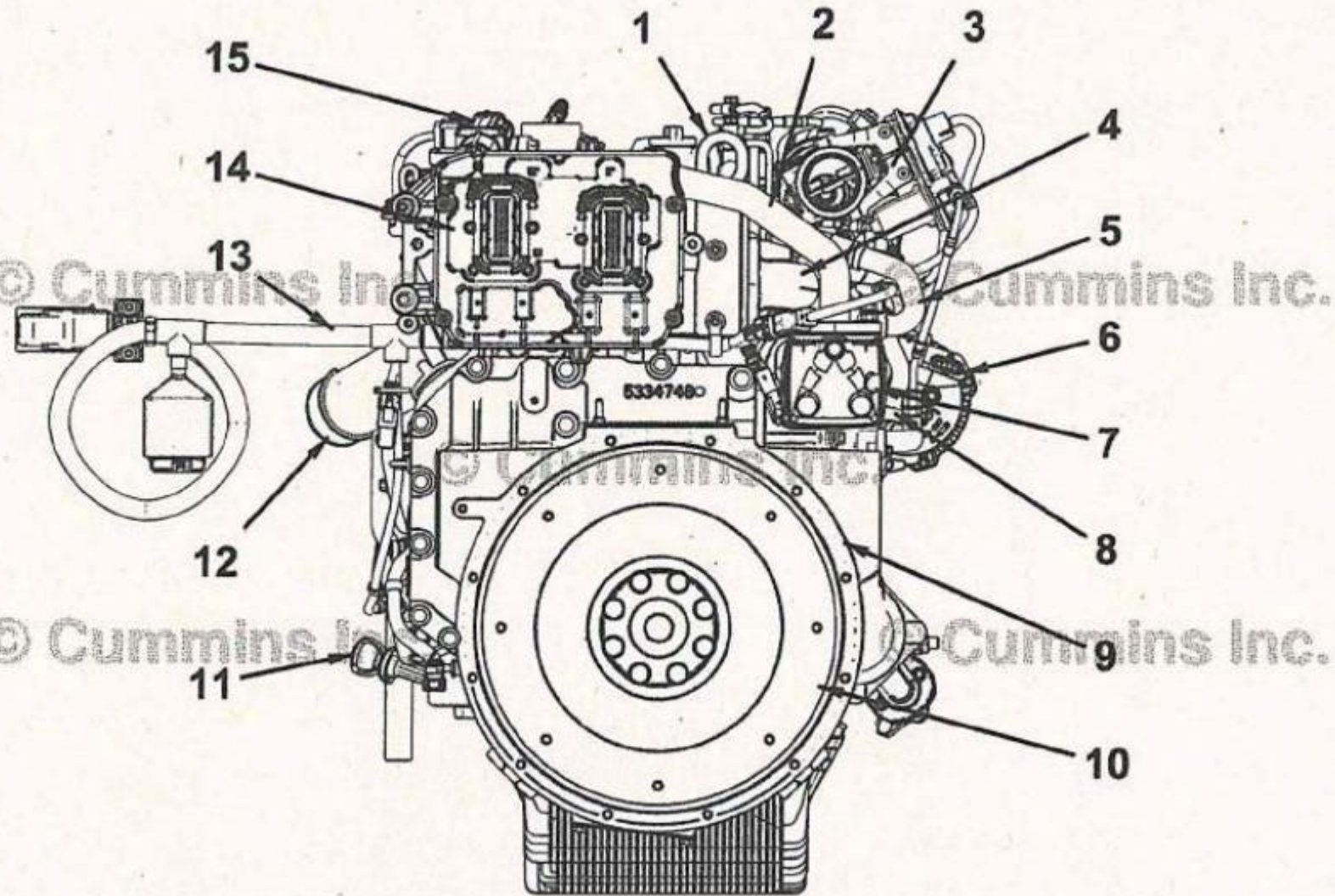
No, replace defective coil.



Working Controller



Front Vibrate A (High)



Rear View

- 1 Rear engine lifting bracket
- 2 EGR crossover tube
- 3 Exhaust pressure regulator
- 4 Exhaust manifold
- 5 EGR coolant outlet tube
- 6 Alternator
- 7 EGR cooler
- 8 EGR coolant inlet tube
- 9 Flywheel housing
- 10 Flywheel
- 11 Lubricating oil dipstick
- 12 Intake air connection
- 13 Wiring harness
- 14 ECM
- 15 EGR valve.

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