

E-331 information:

approximate pot settings based upon turns.

Pot basic settings	Hz	RPM	Pot Turns from full counter clockwise
High	90	2700	16.25 (clockwise)
Mid	50	1500	9.5 (clockwise)
Gain			0.5 (clockwise)
Integral / Factory Set			0.25 (clockwise)
Starter Lockout	17	510	22 (clockwise)
overspeed	125	3750	19 (clockwise)

To get high speed:

- 1) apply power to both A and B of 4 position connector (drive & elevation)
or
- 2) apply power to D of 4 position connector (starter / high speed request)

To get mid speed:

(If high speed is commanded, it will run at high speed.)
apply power to C terminal of 4 position connector

Wiring Connectors.

4 position Connector

a	pink	elevation
b	tan	drive
c	yellow	mid speed request
d	purple	starter request / high speed

8 position connector

	function
a	red power
b	black ground
c	grey speed signal 1
d	brown speed signal 2
e	orange actuator (+12 from red wire)
f	blue actuator (PWM signal to ground)
g	white starter output / relay
h	green overspeed output / relay

Packard 8 pin connector: MetriPak 150 controller connector	12047931-b	(male pins)
wire keeper	15324525-b	
mate (machine harness) wire keeper	12047937	(female pins)
	12066304	

4 pin (E-331) mate, Machine Harness	12047950 obsolete 12186568 (replacement number)
Note, older machines may require a key tab to be removed in the connector.	