

SERVICE BULLETIN

Original Issue Date: **6/01**
 Model: **350-2000 kW**
 Market: **Industrial**
 Subject: **550 Controller with Marathon DVR 2000™ Voltage Regulator Substitution**

Because the controller-to-alternator interface circuit board is temporarily unavailable, the controller voltage regulator is inoperative. As a result, 350-2000 kW generator sets ordered with the 550 controller are equipped with a Marathon DVR 2000 voltage regulator. Figure 1 shows the location of the DVR 2000 voltage regulator inside the junction box.

The two regulators share most features. The following features, however, are not available with utilization of the DVR 2000 voltage regulator:

- Voltage regulator programming using the controller keypad. Make adjustments to the DVR 2000 voltage regulator at the voltage regulator. Remove the junction box cover to adjust the DVR 2000 voltage regulator.
- Voltage setting using the controller keypad.
- Volts/Hz display.
- VAR/power factor controller, display, and adjustment. This feature is available as an accessory; order part number PA-347165 or PA-347165-SD.
- Reactive droop controller, display, and adjustment.
- Engine idle mode capability using the controller.

The 550 controller spec sheet and operation manual provide only information regarding the controller voltage regulator. For information regarding the DVR 2000 voltage regulator, obtain the literature shown in Figure 2 as needed.

The manufacturer will cease installing the DVR 2000 voltage regulator in new units after the interface circuit board is available. However, the manufacturer will not retrofit generator sets equipped with the DVR 2000 voltage regulator with the interface circuit board under warranty.

DVR 2000 is a trademark of Marathon Electric Mfg. Corp.

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Use Figure 3 for installation and troubleshooting of the electrical wiring system.

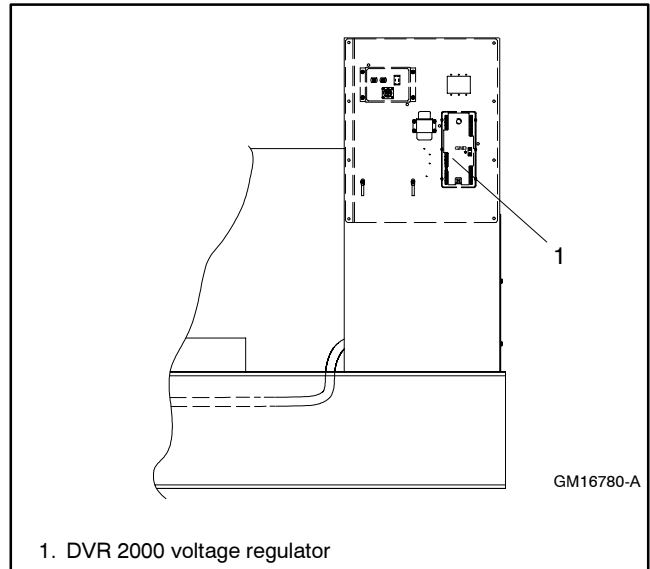


Figure 1 DVR 2000 Voltage Regulator Mounting Location

Part No.	Description
TP-5579	Operation Manual, DVR 2000 Voltage Regulator
GM20500	Wiring Diagram, DVR 2000/Alternator Interconnection (see Figure 3)
SB-614	550 Controller with Marathon DVR 2000 Voltage Regulator

Figure 2 Literature Supplement for 550 Controller with DVR 2000 Voltage Regulator

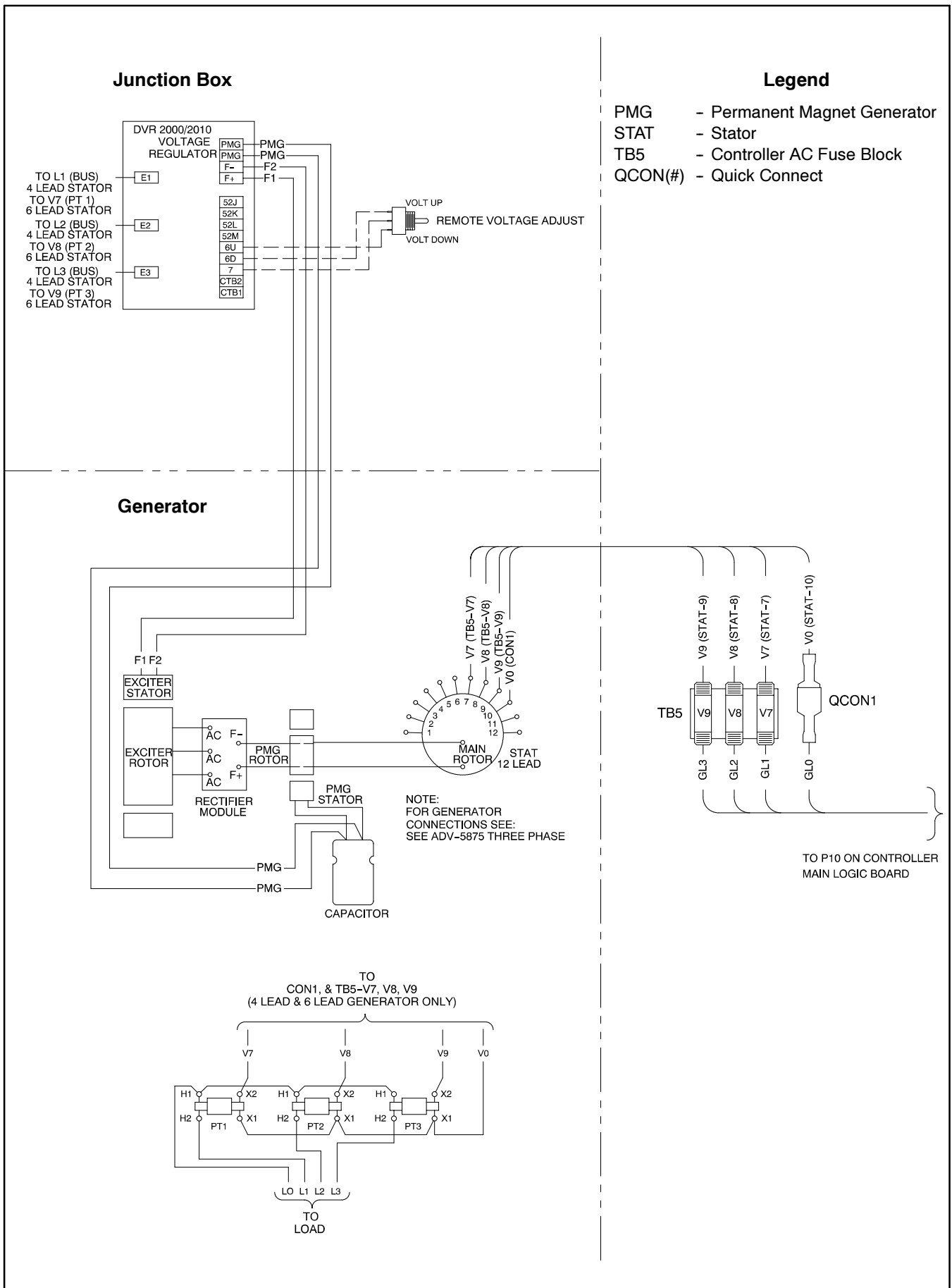


Figure 3 DVR 2000 Voltage Regulator/Alternator Interconnection Wiring Diagram GM20500