

PARTS BULLETIN

Original Issue Date: 5/95

Model: **Spectrum® Generator Sets with Microprocessor Controllers**

Market: **Industrial**

Subject: **Microprocessor Controller Assembly Change**

The controller used on 20-1600 kW industrial generator sets has changed from Microprocessor to Microprocessor-Plus. All generator set specification numbers and controller kit numbers remain the same. However, controller assembly part numbers and wiring diagram numbers within generator set specification (spec) numbers and controller kits have changed. A generator set serial number break was taken to identify the difference between controller assemblies and wiring

diagrams. Choose correct controller replacement parts and wiring diagrams from the following tables. Parts catalogs will reflect this change as they are updated.

NOTE

The part number change and serial number break does not apply to manual controllers or engine gauge box for paralleling kits.

Part Description	Part Number			
	Before Serial Number 363369 (Microprocessor)		Serial Numbers 363369 and after (Microprocessor-Plus)	
	6-Light Controller	16-Light Controller	7-Light Controller	16-Light Controller
Main Circuit Board	G-292806	G-292806	A-336415	A-336415
Indicator Board	B-292381	B-292357	A-336430	A-336432
Controller Ribbon Cable	292836	292836	336428	336428

Choose the correct wiring diagram from the following table.

Model	Generator Specification Number	Controller Diagram Number							
		Before Serial Number 363369 (Microprocessor)				Serial Numbers 363369 and after (Microprocessor-Plus)			
		Wiring Diagram		Schematic Diagram		Wiring Diagram		Schematic Diagram	
		Standard	Oversize	All except 600 Volt	600 Volt	Standard	Oversize	All except 600 Volt	600 Volt
Gas/Gasoline									
20GS	193069-193074	333013	333014	ADV-5618-S	ADV-5619-S	333132	333133	ADV-6002-S	ADV-6004-S
30GS	193079-193084	333013	333014	ADV-5618-S	ADV-5619-S	333132	333133	ADV-6002-S	ADV-6004-S
35GS	193021-	333013	333014	ADV-5618-S	ADV-5619-S	333132	333133	ADV-6002-S	ADV-6004-S
45GS	193027-	333013	333014	ADV-5618-S	ADV-5619-S	333132	333133	ADV-6002-S	ADV-6004-S
50GS	193033-193038	333013	333014	ADV-5618-S	ADV-5619-S	333132	333133	ADV-6002-S	ADV-6004-S
60GS	193039-193044	333013	333014	ADV-5618-S	ADV-5619-S	333132	333133	ADV-6002-S	ADV-6004-S
70GS	193045-193050	333013	333014	ADV-5618-S	ADV-5619-S	333132	333133	ADV-6002-S	ADV-6004-S
80GS	193051-193056	333013	333014	ADV-5618-S	ADV-5619-S	333132	333133	ADV-6002-S	ADV-6004-S
100GS	193057-193062	333013	333014	ADV-5618-S	ADV-5619-S	333132	333133	ADV-6002-S	ADV-6004-S
Continued									

Routing	Service Manager	Sales Manager	Parts Manager	Technician No. 1	Technician No. 2	Technician No. 3	Return This to
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Model	Generator Specification Number	Controller Diagram Number							
		Before Serial Number 363369 (Microprocessor)				Serial Numbers 363369 and after (Microprocessor-Plus)			
		Wiring Diagram		Schematic Diagram		Wiring Diagram		Schematic Diagram	
		Standard	Oversize	All except 600 Volt	600 Volt	Standard	Oversize	All except 600 Volt	600 Volt
20DS	192001-192006	324148	324149	ADV-5618-S	ADV-5619-S	324735	324736	ADV-6002-S	ADV-6004-S
30DS	192101-192106	324148	324149	ADV-5618-S	ADV-5619-S	324735	324736	ADV-6002-S	ADV-6004-S
40DS	192201-192206	324148	324149	ADV-5618-S	ADV-5619-S	324735	324736	ADV-6002-S	ADV-6004-S
50DS	192301-192306	324148	324149	ADV-5618-S	ADV-5619-S	324735	324736	ADV-6002-S	ADV-6004-S
60DS	192401-	324148	324149	ADV-5618-S	ADV-5619-S	324735	324736	ADV-6002-S	ADV-6004-S
80DS	192501-192506	324148	324149	ADV-5618-S	ADV-5619-S	324735	324736	ADV-6002-S	ADV-6004-S
100DS	192601-192606	324148	324149	ADV-5618-S	ADV-5619-S	324735	324736	ADV-6002-S	ADV-6004-S
125DS	192701-192704	324148	324149	ADV-5618-S	ADV-5619-S	324735	324736	ADV-6002-S	ADV-6004-S
150DS	192801-192806	324148	324149	ADV-5618-S	ADV-5619-S	324735	324736	ADV-6002-S	ADV-6004-S
180DS	192901-	324148	324149	ADV-5618-S	ADV-5619-S	324735	324736	ADV-6002-S	ADV-6004-S

Model	Generator Specification Number	Controller Diagram Number					
		Before Serial Number 363369 (Microprocessor)			Serial Numbers 363369 and after (Microprocessor-Plus)		
		Wiring Diagram		Schematic Diagram	Wiring Diagram		Schematic Diagram
		Standard	Oversize		Standard	Oversize	
200DS	191096-191101	325348	325349	ADV-5619-S	325949	325950	ADV-6004-S
230DS	191102-191107	325348	325349	ADV-5619-S	325949	325950	ADV-6004-S
250DS	191108-191113	325348	325349	ADV-5619-S	325949	325950	ADV-6004-S
275DS	191114-191119	325348	325349	ADV-5619-S	325949	325950	ADV-6004-S
300DS	191120-191125	325348	325349	ADV-5619-S	325949	325950	ADV-6004-S
350DS	191153-191157	325420	325421	ADV-5810-S	325947	325948	ADV-6005-S
400DS	191158-191164	325420	325421	ADV-5810-S	325947	325948	ADV-6005-S
450DS	191165-191169	325420	325421	ADV-5810-S	325947	325948	ADV-6005-S
500DS	191170-191176	325420	325421	ADV-5810-S	325947	325948	ADV-6005-S
600DS	191177-191183	325420	325421	ADV-5810-S	325947	325948	ADV-6005-S
750DS	191184-191190	325420	325421	ADV-5810-S	325947	325948	ADV-6005-S
800DS	191191-191197	325420	325421	ADV-5810-S	325947	325948	ADV-6005-S
900DS	191217-191223	325420	325421	ADV-5810-S	325947	325948	ADV-6005-S
1000DS	191224-191228	325420	325421	ADV-5810-S	325947	325948	ADV-6005-S
1200DS	191210-191216	325420	325421	ADV-5810-S	325947	325948	ADV-6005-S
1500DS	191131-191135	325420	325421	ADV-5810-S	325947	325948	ADV-6005-S
1600DS	191136-191140	325420	325421	ADV-5810-S	325947	325948	ADV-6005-S