

KOHLER® POWER SYSTEMS

PARTS BULLETIN

ISSUE DATE: 3/89 MODEL: FR II
REVISION DATE: 8/90 Generators

SUBJECT: Split FR Activators NO.: 25

Split FR activators are available for installation on 20- -100RZ and 20- -300ROZ standby generator sets and will be sold for approximately one- -half the cost of the old FR activator. The standard FR activator (A- -257196) used on 20- -60RZ/ROZ generators is replaced by the 258218 Split Activator Kit. The standard FR activator (A- -257198) used on 70- -100RZ and 80- -150ROZ generators is replaced by the 258219 Split Activator Kit. Split Activator Kit 256425 replaces the A- -257565 standard activator used on 180- -300ROZ generators. (The components of FR Activator Kit 258463 are no longer available and this kit has been discontinued. Contact the Service Parts

Manager at the factory for additional information on servicing the activator on FR I generators.) Components of the split activator kits are listed below. As described in Service Bulletin 474, the function of the FR activator remains unchanged. However, to improve product serviceability, the components of the activator are now distributed between the SCR assembly and the photo transistor board. The SCR assembly occupies the same position as the old FR activator and still controls current flow to the generator field. The command and sensing circuitry to control the SCR is now located on the shaft- -mounted photo transistor board.

PARTS LISTING				
Description	Qty.	Kit 258218 20- -60RZ/ROZ)	Kit 258219 (70- -100RZ, 80- -150ROZ)	Kit 256425 (180- -300ROZ)
Board, circuit	1	B- -292902	B- -292902	B- -292902
SCR Assembly	1	A- -258767	A- -258908	A- -258939
Board, insulated	1	257850	257850	257850
Nut, hex 6- -32	4	X- -71- -2	X- -71- -2	
Nut, stop 6- -32	5	X- -101- -22	X- -101- -22	
Terminal, #6- -8 ring	4	X- -283- -2	X- -283- -2	
Terminal, #8 ring	4	X- -283- -7	X- -283- -7	
Terminal, #6 spade	4			X- -285- -11
Terminal, female 1/4 in.	4			X- -431- -25
Wrap, tie	1	X- -468- -3	X- -468- -3	
Wrap, tie	2			X- -468- -7
Ring, tolerance	1	257830	*	*
Washer, insulating	2	243321	243321	243321
Instructions	1	TT- -694	TT- -694	TT- -748
Weight, counter	1			257562
Insulator	1			257850
Screw, hex head 10- -24	6			X- -117- -5
Washer, split #10	6			X- -22- -9

* Tolerance ring must be replaced if end bracket is removed. Installation of the split activator on 70- -100RZ and 80- -300ROZ sets normally does not require end bracket removal.

Routing	Service Manager	Sales Manager	Parts Manager	Technician No. 1	Technician No. 2	Technician No. 3	Return This to
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