SPARE PARTS LIST



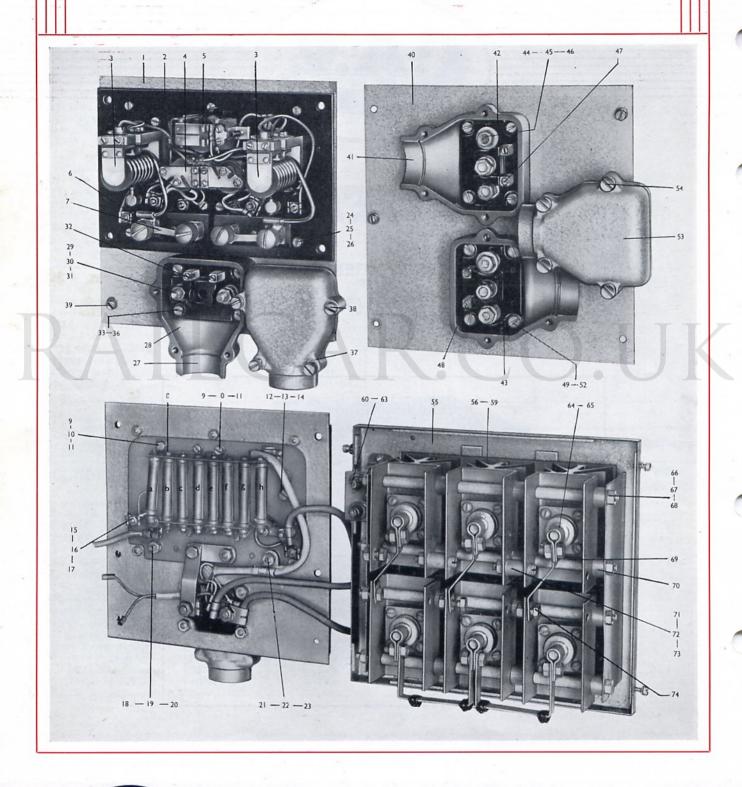
RECTIFIERS

TYPE RUG.. (GERMANIUM)

TYPE RUS.. (SELENIUM)



RUG.. GERMANIUM RECTIFIER PARTS



RUG GERMANIUM			МО	DELS	s —	PART AN	D IL	LUSTRAT	ION	NUMBER	S		MODELS — PART AND ILLUSTRATION NUMBERS												
RECTIFIER PARTS	RUG-I 1804010		RUG-2 1804020		RUG-3 1804030		RUG-4 1804040		RUG-9 1804090		RUG-10 1804100														
FRONT PANEL PARTS																									
PANEL	5978-4	- 1		5		5978-49	- 1	5978-73A	- 1	5978-4	- 1	5978-4	- 1												
REGULATOR BASE ASSEMBLY	5978-42	2	5978-4	2A	2	_		_		5978-42B	2	5978-42C													
Regulator, current	BRK-19	3		5		_		_		BRK-22	3	BRK-19													
Regulator, voltage	N29	4	N30		4	_		_		N30	4	N29													
Relay	DR24-7	5		5		_		s 		2		5													
Nut, fuse post	5330-251	6		S		_		_		S		S													
Fuse, strip	5580-1D	7		S		_		_		5880-1M	7	5580-1D	7												
Resistance, Assy (see below)	5978-40	8		Š		_		_		5978-40A	8	5978-40A	8												
Screw, fixing (4, 5 & 8)	NS37-10Z1	9		S		_		_		S	A COL	S													
Washer, plain, for (9)	NW1-10Z1	10		S		_		_		6		Š													
	5244-22	11		S						6		Š													
	NS19-14Z1			S		1 0.710 0				9		Š													
Screw, fixing, for (3)		. 200				_				9		9													
Washer, plain, for (12)	NW1-15Z1			S		1		_		2		3													
Washer, spring, for (12)	5293-57	14		S		(-111)		_		2		2													
Nut, regulator terminal	NU2-3TI	15		S		_		_		2		9													
Washer, plain, for (15)	NW3-19T1			S		_		_		2		9													
Washer, spring, for (15)	5244-22	17		9		_		_		9		9													
Nut, fuse terminal	NU4-2TI	18		5		_		_		S		S													
Washer, plain, for (18)	NW3-29T1	19		5				-		S		S													
Washer, spring, for (18)	5001-10	20		5		_		_		S		5													
Nut, main terminal	NU8-2TI	21		5		_		_		S	-	S													
Washer, plain, for (21)	NW3-29T1	22				_				S		S													
Washer, spring, for (21)		23		\$		2				S		S													
SCREW, fixing base (2)		24		S				_		S		S													
WASHER, spring, for (24 & 39)	5244-22	25						_		Š		S													
NUT, for (24)	NUI-4ZI	26		S				_		Š		Š													
HOUSING, terminal, bottom	5978-19	27		Š						Š		Š													
TERMINAL BASE ASSY	5978-32A	28	1 7 7	5						Š		Š													
		29		5						Š		Š													
Nut, terminal	0000			5		-				9		5													
Washer, plain, for (29)	NWI-20ZI					_				S		S													
Washer, spring, for (29)	5001-31	31	-	3		_		_				S													
Screw, small terminal	5335-91C	32		5		_				S															
SCREW, fixing (28)	The state of the s	33		8		_		-, -		2		S													
WASHER, plain, for (33)	NW1-14Z1			S		_				\$		S													
WASHER, spring, for (33 & 38)	5001-10	35		8		_		_		S		S													
NUT, for (33)	5330-261	36		8		_		_		S		S													
HOUSING, terminal, top	5886-139A	37		5		_		_		S		S													
SCREW, fixing (37)	5335-630C	38		9		_		_		S		S													
SCREW, fixing panels	NS37-14Z1	39		9		NS37-5Z1	39	NS37-5Z1	39	NS37-14Z1	39	NS37-14Z1	3												
continued—			-	04/00																					

RES	SISTA	NCE	ASSEMBLIE	S — 5978	-40 & 40A — SEPARATE P	RESISTANCE ASSEMBLIES — 5978-40 & 40A — SEPARATE PARTS														
DESCRIPTION		PART No. 8	k ILLUS.	DESCRIPTION	PART No. & ILLUS.															
RESISTOR, 100 ohms			5576-137N	A & H	NUT, for studs			NU2-7TI	_											
RESISTOR, 120 ohms			5576-137B	B to G	WASHER, plain, for studs			NWI-3ZI	_											
STUD, resistor (A & H)			5822-123C	-	WASHER, spring, for studs			5293-39	_											
STUD, resistor (B to G)			5822-123E	_	BUSH, insulating studs			5518-39	-											
CONNECTOR, strip, long			5978-39	_	BRACKET, top			5978-46	_											
CONNECTOR, strip, short			5978-45	_	BRACKET, bottom			5978-46A												

 $[\]mbox{\S}$ This denotes the same part number as column 1.

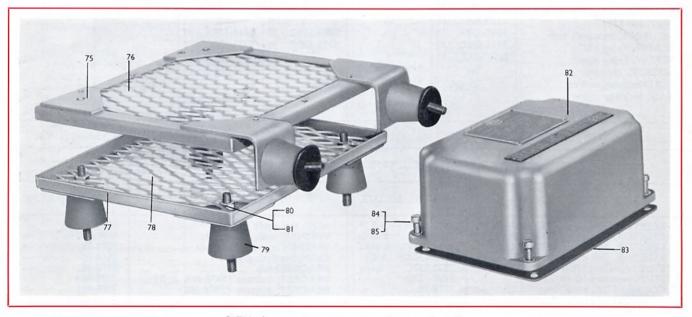


RUG GERMANIUM			MODELS -	PART AN	D II	LLUSTRAT	ION	NUMBER	S		
RECTIFIER PARTS —continued	RUG-I 1804010		RUG-2 1804020	RUG-3		RUG-4 1804040		RUG-9 1804090		RUG-10	
BACK PANEL PARTS								379		Fellow Fr	
TERMINAL PANEL ASSEMBLY	_		. <u>-</u>	5978-68	· —	5978-68A	_	_		-	
Panel	5978-3	40	\$	5978-54	40	5978-54A	40	5978-3	40	5978-3	
Housing, terminal, bottom	5978-19	41	. 8	S		S		S		S	
Terminal base, complete	5978-32	42	S	5978-32B	42	5978-32B	42	5978-32D	42	5978-32D	
Terminal base, complete (R.H)	_		_	5978-32C	43	5978-32C	43	_		_	
Nut, terminal, for (42 & 43)	5330-262A	44	S	\$		S		S		S	
Washer, plain, for (44)	NW1-20Z1	45	S	S		9		S		9	
Washer, spring, for (44)	5001-31	46	S	9		S		9		9	
Screw, terminal	5335-91C	47	S	6		9		9		9	
Screw, terminal, for (43)	_		_	5335-91	48	5335-91	48	_		_	
Screw, fixing (42 & 43)	5335-630A	49	. \$	9	0.00	6	9335	S		S	
Washer, plain, for (49)	NW1-14Z1	1000	Š	6		é		6		6	
Washer, spring, for (49 & 54)	5001-10	51	Š	6		6		6		6	
Nut, for (49)	5330-261	52	Š	6		6		6		8	
	5886-139A	53	Š	9		9		8		2	
	5335-630C	54		5224 222	54	5334-223	54	5335-630C	54	5335-630C	
	3333-63UC	34	S	5334-223	3.75		175.00	3333-6300	34	3333-630C	
Westalite Rectifier	_		_	5978-70	_	5978-70	_	8 			
Nut, rectifier	_		_	NUI-4ZI	_	NUI-4ZI	-			_	
Washer, plain, rectifier	_		_	NWI-10ZI		NW1-10Z1	_	_		_	
Washer, spring, rectifier	_		_	5244-22	_	5244-22	_	_		_	
IDE PANEL PARTS											
IDE PANEL ASSEMBLY, R.H.	5978-22	-	S	5978-64		5978-64A	_	5978-112	_	5978-137A	
IDE PANEL ASSEMBLY, L.H.	5978-22A	_	S	5978-65	-	5978-65A	-	5978-113	-	5978-137	
Panel, R.H	5978-21	55	S	5978-58	55	5978-78A	55		55	5978-138A	
Panel, L.H	5978-21A	55	\$ \$	5978-58A	55	5978-78	55	5978-111A	55	5978-138	
Base, insulator, outer	5978-8	56	S	5978-55	56	5978-55	56	5978-105	56	5978-105	
Base, insulator, inner	_		_	5978-55A	56	5978-55A	56	_		_	
Screw, fixing (56)	NS37-5Z1	57	S	S		S		S		S	
Washer, plain, for (57, 65)	NWI-10ZI	58	S	S		S		9		S	
Washer, spring, for (57, 65)	5244-22	59	S	S		9		S		9	
Condenser, R.H. Panel	5978-71	60	Š	_		116		S		6	
Screw, fixing (60)	NS34-3Z1	61	S	_		_		9		6	
Nut, for (61)	NUI-7	62	Š	_		_		S		6	
Washer, spring, for (61)	5293-57	63	Š	_				6		6	
Rectifier, cell and fin	5978-7	64	Š	5978-7A	64	5978-7A	64	5978-104	64	5978-7	
Screw, fixing (64)	NS37-14Z1	65	9	3770-77	01	3770-77	01	\$	٠.	3776-7	
D. J:	5978-10	66	9	9		3		5978-10A	66	5978-10	
	5330-261	67	2	_				3776-107	00	3978-10	
Washer, spring, for (67, 73 &	3330-261	07	S	_		-		2		3	
and the first transfer and the state of the	5001.10	10	c					c			
74)	5001-10	68	S	_	100			5070 114		9	
Tube, insulating	5978-11	69	9	_		_		5978-11A	69	5978-11	
Spacer, large	5978-12	70	9	_		_		S	-	S	
Spacer, small	5978-12A	70	S	-		_		S		S	
Screw, connecting (64)	5334- 223	71	S	S		S		S		S	
Spacer, for (71)	5078-13	78	S	9		S		8		S	
Nut, for (71 & 74)	5330-261	73	S	S		9		S		S	
Screw, terminal	5334-286	74	S	5		9		S		S	
Cover, switch, L.H. Panel	_		- m - m	_		_		5978-127	_	5978-127	
Gasket, cover, L.H. Panel	_		_	_		_		5978-129	_	5978-129	
Switch, L.H. Panel	<u> </u>		H (11 <u>2</u> 1)	_				5483-100A	7. <u></u> -	5483-100A	
Lamp, pilot, L.H. Panel	_			_		_		5539-237R	_	5539-237R	
Base, relay, L.H. Panel	_		A 129-1	_		_		5978-122	·	5978-122	
continued—	2.00			1 800.004		100.00					

 $[\]ensuremath{\S}$ This denotes the same part number as column 1.



RUG GERMANIUM			MODELS —	- PART AI	ND II	LLUSTRA	ΓΙΟΝ	NUMBER	RS		
RECTIFIER PARTS —continued	RUG-1 1804010		RUG-2 1804020	RUG-3 1804030		RUG-4 180404	30	RUG-9 1804090	RUG-10 1804100		
SIDE PANEL PARTS—cont.											
								312-15		312-15	
Relay, L. H. Panel Nut, fixing relay, L.H. Panel	_		_	_				NUI-4ZI	_	NUI-4ZI	
Screw, cover	_		_	_		-		NS37-5Z1	_	NS37-5Z1	
DI ATT 1 00	Ξ		_	_		_		5978-116	_	N337-5Z1	
SCREW, fixing baffle plate	_		_	_				5334-204A	_	_	
	_			_		T		NWI-10ZI		_	
	_							5244-22	_	_	
WASHER, spring	_		_	_		_		5244-22	_	_	
COVER PARTS											
COVER, top	5978-24	75	S	_		_		5978-114	75	5978-24	
GUARD, for top cover	5978-41	76	S	5978-56	76	5978-56	76	5978-109	76	5978-41	
COVER, bottom	5978-6	77	9	_		_		5978-115	77	5978-6	
GUARD, for bottom cover	5978-41A	78	S	_		_		5978-109A	78	5978-41A	
INSULATOR, vibro	5978-25	79	S	_		5978-77	79	5978-25	79	5978-25	
NUT, for (79)	NU3-3ZI	80	S	_		5330-261	80	NU3-3Z1	80	NU3-3Z!	
WASHER, spring, for (80)	5001-31	81	S	_		_		S		9	
BRACKET, support	_	2000000	_	5978-69	_	5978-69	_	_		_	
COVER, regulator	5978-27	82	S	_		_		8		6	
GASKET, cover	5576-78	83	9	_		_		9		6	
SCREW, cover	5335-592A	84	S	_		_		9		6	
WASHER, spring, for (84)	5001-10	85	\$	_		_		9		6	
CLIP, seal	5648-99		S	7		_			-	9	
SEAL, lead	5606-62	_	S	_				6		6	
PLATE, corner	_					_		5978-161	_		
BRACKET, corner			/ /- 1			_		5978-162A	_	U₹.	
STRAP, mounting								5978-107	Q		
SCREW, bracket	_		_			_		NS37-14Z1	_	_	
NUT, for bracket screw	_							NUI-4ZI		_	



 $\ensuremath{\S}$ This denotes the same part number as column 1.



RUG GERMANIUM		MOL)LL3 —	TAKT AN		LOSTRATIO		NUMBERS		
RECTIFIER PARTS	RUG-11 1804110	10000	G-12 4120	RUG-13 1804130		RUG-14 1804140		37/14/1		
FRONT PANEL PARTS PANEL REGULATOR BASE ASSEMBLY Regulator, current Regulator, voltage	5978-4 5978-42D BRK-19 N30 DR24-7 5330-251 5580-1D 5978-40A NS37-10Z1 NW1-10Z1 15244-22 NW1-15Z1 15293-57 NU2-3T1 NW3-19T1 15244-22 NU4-2T1 NW3-29T1 15001-10 NU8-2T1 NW3-29T1 15001-10 NU8-2T1 NW3-29T1 25293-57 NS37-14Z1 25244-22 NU1-4Z1 5978-19 5978-32A 5330-262A NW1-20Z1 5001-31 5335-91C 5335-630A NW1-14Z1 5001-10 5330-261 5886-139A	1 5978-1-2 2 5978-1 3 C56 4 N49 5 DR24-6 6 5330-2 7 5978-1 9 0 1 1 2 2 3 3 4 4 5 5 596-6 NW1- 5330-3 NW1- 5001-4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	44 1 46 2 3 47 5 52A 6 59 8 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	5978-4A 5978-42E BRK-23 N43 DR32-8 5330-251 5580-1Q 5978-40B \$ \$ NU2-3T1 NW3-19T1 \$ NU4-2T1 NW3-29T1 5001-10 \$ NS37-14Z1 5244-22 NU1-4Z1 5978-19A	1 2 3 4 5 6 7 8	5244-22	18 19 20			

RESISTANCE ASS	RESISTANCE ASSEMBLIES — 5978-40A & B, 5978-156 — SEPARATE PARTS													
DESCRIPTION	PART No. & ILLUS.	DESCRIPTION	PART No. & ILLUS.											
RESISTOR, 100 ohms (5978-40A & B) RESISTOR, 120 ohms (5978-40A & B) RESISTOR, 180 ohms (5978-156) RESISTOR, 165 ohms (5978-156) STUD, resistors (A & H) STUD, resistors (B to G) CONNECTOR, strip, long CONNECTOR, strip, short	5576-137N A & H 5576-137B B to G 5576-137T B to G 5576-137AP A & H 5822-123C — 5822-123E — 5978-39 —	NUT, for studs	NU2-7TI — NW1-3ZI — 5293-39 — 5518-39 — 5978-46 — 5978-46A — 5978-151 —											

 $[\]ensuremath{\S}$ This denotes the same part number as column 1.



RUG GERMANIUM		MODEL	s —	PART AND I	LLUSTRATIO	N NUMBERS	
RECTIFIER PARTS —continued	RUG-11 1804110	RUG-12 1804120		RUG-13M 1804130	RUG-14 1804140		
BACK PANEL PARTS TERMINAL PANEL ASSEMBLY Panel Housing, terminal, bottom			<u>_</u>			10	0.7
Terminal base, complete Terminal base, complete (R.H.)	5978-32D 42	_		\$	\$ 5978-32A 4	13	
Nut, terminal, for (42 & 43)	5330-262A 44	5330-306	_	5978-32A 43 5330-262A 44		14	
Washer, plain, for (44)	NW1-20Z1 45	NW1-32Z1		NW1-20Z1 45	NW1-20Z1 4	15	
Washer, spring, for (44)		20.000000000000000000000000000000000000	-	5001-31 46	5001-31 4	6	
	5335-91C 47			S	_		
Screw, fixing (42 & 43) Washer, plain, for (49)				2	2		
Washer, spring, for (49 & 54)				8	9		
Nut, for (49)				Š	ŝ		
	5886-139A 53			5586-139C	5586-139A		
Screw, fixing (53)	5335-630C 54			5335-630C	5335-630C		
Socket, cable	_	5459-317	_	_	_		
Screw, fixing socket	_	5334-264C	_	_	_		
SIDE PANEL PARTS	5070 1374	5978-147		5070 1124	5070 112		
SIDE PANEL ASSEMBLY, R.H. SIDE PANEL ASSEMBLY, L.H.		5070 110	_	5978-112A — 5978-113A —	2222		
Panel, R.H				5978-111B 55			
Panel, L.H				5978-111C 55		5	
Base, insulator, outer			56	5978-105 56		6	
Screw, fixing (56)				9	S		100
Washer, plain, for (57, 65)				\$	S		
Washer, spring, for (57, 65)	5244-22 59			\$	5		
Condenser, R.H. Panel Screw, fixing (60)				3	9		
Nut, for (61)				\$	9		
Washer, spring, for (61)				6	6		
Rectifier, cell and fin	5978-7 64		64	5978-104 64	5978-104 6	4	
Screw, fixing (64)				9	S		
Rod, tie		9 1	66	5978-10A 66	5978-10A 6	6	
Nut, tie rod	5330-261 67	\$. \$	5		
Washer, spring, for (67, 73, 74)	5001-10 68	2		c	6		
Tube, insulating	5978-11 69		69	5978-IIA 69	5978-IIA 6	9	
Spacer, large	5978-12 70	Control of the Control of Control	10.50	S	6		
Spacer, small	5978-12A 70			Š	Š		
Screw, connecting (64)	5334-223 71	5334-223C		5334-233	5334-233		
Spacer, for (71)	5978-13 72			S	S		
Nut, for (71 & 74) Screw, terminal	5330-261 73 5334-286 74			5	2		
Cover, switch, L.H. Panel	5334-286 74 5978-127 —			5978-127A —	5978-127A -		
Gasket, cover, L.H. Panel	5978-129 —	Š		5978-129A —	5978-129 -		
Switch, L.H. Panel	5483-100A —	S		S	S		
Lamp, pilot, L.H. Panel	5533-237R —	0		S	S		1.0
Base, relay, L.H. Panel	5978-122 —			S	S		0
Relay, L.H. Panel	312-15 —			S	S		1000
Nut, fixing relay, L.H. Panel Screw, cover	NUI-4ZI —			\$	\$		
Disea battle	NS37-5ZI —	5978-116		5978-116 —	5978-116 -		
Screw, fixing, baffle plate	_	5334-204A		5334-204A —	5334-204A -		
Washer, plain	_	NW1-10Z1	_	NWI-10ZI —	NWI-10Z1 -		
Washer, spring	_	5244-22	_	5244-22 —	5244-22 _	-	
continued—		350 00000000000000000000000000000000000		### PE 02/1.000/08/23/2	10.00 (10		100

 $[\]ensuremath{\S}$ This denotes the same part number as column 1.





PARTS

RUG GERMANIUM			MODELS	5—	PART AN	D IL	LUSTRATI	ON	NUMBERS	
RECTIFIER PARTS —continued	RUG-11 1804110	8	RUG-12 1804120		RUG-13M 1804130		RUG-14 1804140			
COVER PARTS	-								- TEX	
COVER, top	5978-24	75	5978-114	75	5978-114A	75	5978-114	75		
GUARD, top cover	5978-41	76	5978-109	76	5978-109	76	5978-109	76		15
COVER, bottom	5978-6	77	5978-115	77	5978-115A	77	5978-115	77		
GUARD, bottom cover	5978-41A	78	5978-109A	78	5978-109A	78	5978-109A	78		
INSULATOR, vibro	5978-25	79	S		9	-	S			
NUT, for (79)	NU3-3Z!	80	S		S		Š			
WASHER, spring, for (80)	5001-31	81	S		9	- 1	9			
COVER, regulator	5978-27	82	S		5978-27A	82	5978-27	82		
GASKET, cover	5576-78	83	S		5576-78B	83	5576-78	83		
SCREW, cover	5335-592A	84	5 9 9		S		9	35.55		
WASHER, spring, for (84)	5001-10	85	S		Ś		S			
CLIP, seal	5648-99	_	_		S		9			
SEAL, lead	5606-62		_		5		9			
PLATE, corner	_		5978-161	_	5978-161		5978-161	-		
BRACKET, corner	_		5978-162-A	_	5978-162-A	-	5978-162-A			
STRAP, mounting	_		5978-107	_	5978-107		5978-107	-		
SCREW, bracket	_		NS37-14Z1	-	NS37-14Z1	-	NS37-14Z1	-		
NUT, for screw	_		NUI-4ZI		NUI-4ZI	_	NUI-4ZI	-		
COVER, terminal, back	_		6018-27	_	_		_			7
GLAND, cable			6018-30	_	_		_			
PLATE, clamp, gland	_		6018-29	-	_		_			
SCREW, clamp plate	_		5334-264D	_	_					
WASHER, lock			5339-875F	_		- /	_			
COVER, terminal, front	-		6018-27A	_	-		-			
GLAND, cable	-		6018-30A		-			-A		
PLATE, clamp, gland	Ī		6018-29A	_			_			
SCREW, clamp plate	-		5334-220	-	-		_			
WASHER, lock			5339-875E	-	_		_			
BUSH, cable gland	_		6018-31	-	_		_			

RUS SELENIUM	MODE	LS & PAR	T Nos.	RUS SELENIUM	MODE	LS & PAR	Γ Nos.
RECTIFIER PARTS	RUS-I 1804510	RUS-2	RUS-3 1804530	RECTIFIER PARTS —continued	RUS-I 1804510	RUS-2	RUS-3 1804530
SIDE PLATE, complete, L.H.	6016-22	6016-22B	_	NUT, large, outer terminals	NU3-3TI	5330-262A	_
SIDE PLATE, complete, R.H.	6016-22A	6016-22C	_	WASHER, spring, for nut	5001-31	S	_
END PLATE, back	6016-5	S	_	NUT, for small terminals	_	NUI-4TI	_
END PLATE, front	6016-4	6016-4A	_	WESTALITE RECTIFIER	_	5978-70	_
SCREW, fixing plates	NS37-14Z1	9	NS37-10Z1	BRACKET, for rectifier	_	6016-27	-
WASHER, spring, for screw	5244-22	Š	9	BUSH, rubber, for leads	_	5603-236	_
RECTIFIER UNIT, complete		6016-32	6016-35	GUARD, for cover	6016-21	6016-31	_
NUT, fixing rectifier		6	NUI-4ZI	STRAP, for guard	6016-16	9	_
WASHER, spring, for nut	5001-26	e e	_	COVER, terminal end	6016-6	S	_
WASHER, plain, for nut		ě.	NWI-10ZI	SOCKET, cable, large	5459-25B	5459-25A	_
BLOCK, terminal	6016-7	6016-7A	_	SOCKET, cable, small	_	5459-23B	5459-23B
SCREW, fixing term. block		9	_	STRAP, mounting, complete	6016-11	S	_
NUT, rectifier terminals	NU3-ITI	5330-283	_	BRACKET, support, side	6016-30	S	_
WASHER, spring, for nut		6	_	SCREW, for bracket	NS37-1Z1	S	_
WASHER, plain, for nut		Š	-	WASHER, spring, for screw	5244-22	S	_

 $\ensuremath{\S}$ This denotes the same part number as column 1.

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Telephone: SHEPHERDS BUSH 3111

PRINTED IN ENGLAND

Telegrams: VANTERIA, TELEX, LONDON PUBLICATION No. 4191

(APRIL, 1959)