

Lucas Stator Log

ID	Number	Year	Wires	Nuber of Laminations	Lead Colours	Resistance between leads		Watts	RPM	Meter reading 1 Ohm	Meter reading No load	Peak scope reading 1 Ohm	Peak scope reading No load
						Volts AC	Volts AC			Volts DC	Volts DC		
A	47197A	67	5	18	brown	brown blue	0.916						
					brown	red	0.451	27	3000	5.2	13.2	9.1	35.5
					red	brown blue	0.484	45	3000	6.7	26.4	11.2	92.5
					black white	black yellow	4.790	9	3000	3.0	75.9	4.5	203.0
B	47252	85	3	19	green yellow	green black	0.847						
					green yellow	white green	0.851	34	3000	5.8	38.0	9.6	67.0
					white green	green black	0.851						
C	47252	89	3	21	green yellow	green black	0.849		1000	4.5	13.2	7.8	22.3
					green yellow	white green	0.858		2000	5.5	26.3	9.1	48.0
					white green	green black	0.860	34	3000	5.8	39.4	9.5	72.0
								36	4000	6.0	52.1	10.0	96.3
D	Unknown		2	16	green yellow	green pink	0.234	149	3000	12.2	22.1	23.2	58.2
E	47244A	88	3	20	green yellow	green black	0.529						
					green yellow	white green	0.530	53	3000	7.3	30.0	12.1	56.8
					white green	green black	0.517						
F	472442	83	3	20	green yellow	green black	0.519		1000	4.9	9.8	8.5	16.4
					green yellow	white green	0.519		2000	6.6	19.6	11.4	33.5
					white green	green black	0.519	53	3000	7.3	29.2	12.2	50.4
								59	4000	7.7	38.6	12.8	67.0

Lucas Stator Log

G	47252A	79	3	20	green yellow	green black	0.829	36	3000	6.0	37.3	9.8	60.3	
					green yellow	white green	0.831							
					white green	green black	0.844							
H	Unknown		5	17	brown	clear	0.704	18	3000	4.2	20.4	6.9	55.7	
					brown	red	1.102	1	3000	1.0	7.5	1.7	30.1	
					brown	purple	2.350	1	3000	1.1	16.5	1.9	54.9	
					brown	mauve	1.092	1	3000	1.2	10.1	1.9	37.8	
I	7188B		5	18	red	brown blue	0.499	42	3000	6.5	26.6	10.2	78.2	
					brown	black white	3.950	6	3000	2.5	73.8	3.7	225.0	
					brown	black yellow	0.400	35	3000	5.9	16.0	9.8	37.9	
					black white	black yellow	4.340	8	3000	2.8	89.5	4.1	265.0	
J	47205A	69	2	18	white green	green yellow	0.424		1000	6.5	11.1	13.6	31.3	
									2000	9.5	22.2	17.6	62.3	
									117	3000	10.8	33.1	17.9	92.4
									132	4000	11.5	43.4	18.3	123.3
K	Unknown		3	19	light green	mid green	0.597							
					light green	dark green	1.120							
					dark green	mid green	1.700							
This stator didn't fit my rig														
L	Unknown		3	23	green	white	0.735	71	3000	8.4	27.8	14.0	75.1	
					green	purple	2.040	1	3000	0.3	1.9	1.0	12.3	
					white	purple	1.330	29	3000	5.4	26.0	9.0	67.1	

Lucas Stator Log

M	Unknown	4	32	orange	yellow	0.531	92	3000	9.6	23.0	17.6	66.2
				purple	purple	0.960	41	3000	6.4	25.8	11.16	79.7
							149	3000	12.2		23.9	
				orange	yellow		21	1000	4.6	7.7	10.5	22.4
							58	2000	7.6	15.3	15.6	43.9
							92	3000	9.6	23.0	17.6	66.2
							117	4000	10.8	30.4	19.2	88.6

Comparison of rotor output using stator D

I D												
Lucas			54215824	149	3000	12.2	22.1	23.2	58.2			
Lucas	11 68		54212006	108	3000	10.4	18.8	20.1	51.2			
Lucas				204	3000	14.3	25.3	27.2	63.7			
Wassell	ww10105p			213	3000	14.6	25.9	27.2	63.7			
Lucas	44 78		54212006	202	3000	14.2	24.8	26.7	61.4			
Lucas	5 69		54212006	166	3000	12.9	23.2	24.1	60.4			

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Notes

no connection
stop lamp
lights
ignition coils

X

X

X

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X

Marked as being C15

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both windings in-phase - nice output