

## Electrical Specs - Battery, Starter, Generator

BATTERY			
Part No.	Volts	Plates	Amp. Hrs.
2N-10655-A	6	13	80
2N-10655-B Low Gravity	6	13	80

STARTER		
Part No.	Amperes No Load	Amperes Load Cranking Warm Engine
9N-11001	45-60	100-150
8N-11001	45-60	100-150

APPROXIMATE VOLTAGE DROP AROUND IGNITION CIRCUIT WITH SWITCH ON AND ENGINE STOPPED		
Circuit	Normal	Max.
Neg. Battery to Terminal Block	0.025	0.2
Terminal Block to Switch Side of Resistor	0.115	0.2
Across Resistor.....	3.65	
Resistor to Coil.....	0.025	0.2
Coil to Ground.....	2.45	

GENERATOR—GENERAL ELECTRICAL SPECIFICATIONS									
Part No.	Engine RPM To Test Voltage	Watts	Engine RPM Charge Starts	Maximum Rate		Field Part No.	Field Resistance		Armature Part No.
				Amps	Engine RPM		Ohms at 70°	Ohms at 140°	
9N-10000-C	1200	75	500	11.5	925	40-10175	1.5	1.7	18-10005
8N-10000 8N-10000-A	1200	75	560	11.5	1500	8N-10175-A	4.0	4.8	8N-10005
8N-10000-B	1200	140	625	20.0	1100	8N-10175-B	3.2	3.8	88A-10005

GENERATOR CONTROL			CUT-IN VOLTAGE		VOLTAGE REGULATOR	
Generator No.	Control No.	Type Control	Min.	Max.	Min.	Max.
9N-10000-C	9N-10505-B	Cutout	7.0	8.5	None	None
8N-10000 8N-10000-A	8N-10505 8N-10505-A	Voltage Regulator and Cutout	6.1	6.5	6.9*	7.4*
8N-10000-B	8N-10505-B	Voltage Regulator and Cutout	6.1	6.5	6.9*	7.4* 6.8**

\*With regulator at normal operating temperature and generator current of 5 amperes.  
\*\*With generator current of 20 amperes voltage should not exceed 6.8 volts.

GENERATOR MECHANICAL SPECIFICATIONS						
Part No.	Brushes			Generator Replaced In Service By	Pulley Part No.	Pulley Pitch Diameter
	No.	Original Length In.	Wear Limit Length			
9N-10000-C	3	0.8	.35	8N-10000 8N-10000-A	9N-10130-B	3.5
8N-10000 8N-10000-A	3	0.8	.35	8N-10000-B	9N-10130-B	3.5
8N-10000-B	2	0.86	.40	None	8N-10130	3.5

STARTER CIRCUIT VOLTAGE DROP (CRANKING WARM ENGINE)	
Circuit	Max.
Ground to Battery.....	0.1 Volt
Battery Negative Terminal to Starter Terminal.....	0.2 Volt
Maximum total voltage drop cranking warm engine.....	.3 Volts



*Best internet source of information and help for old Ford tractors.*

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