

Computer Tested Alternator

7771

12V, 130A, N

4/4/2010

282034

0..1

Alternator test sequence:				Results:		
Maximum output power				2073 Watts		
Maximum output under full load				157 Amps		
Voltage regulator set point				14.45 Volts		
Turn on speed less than				1354 RPM		
Leakage current tested @ 12 volts				0.53 mAmps		
Ripple current @ 2500 RPM				37 Amps		
Voltage regulator functions test:				Within specs		
A = battery				yes		
I = indicator lamp circuit				yes		
S = voltage sense				yes		
SS = stator sense diagnostic function				yes		
Output current tested at 13.20 volts						
Alternator RPM	1600	2000	2400	3500	5000	6000
Amperage	74	98	112	138	152	157

Amps

Performance curve

RPM	Amps
1000	0
2000	105
3000	125
4000	140
5000	150
6000	157

Amps

Scope pattern taken @ 2500 RPM

*We certify these results are within specifications.
2013.07.08