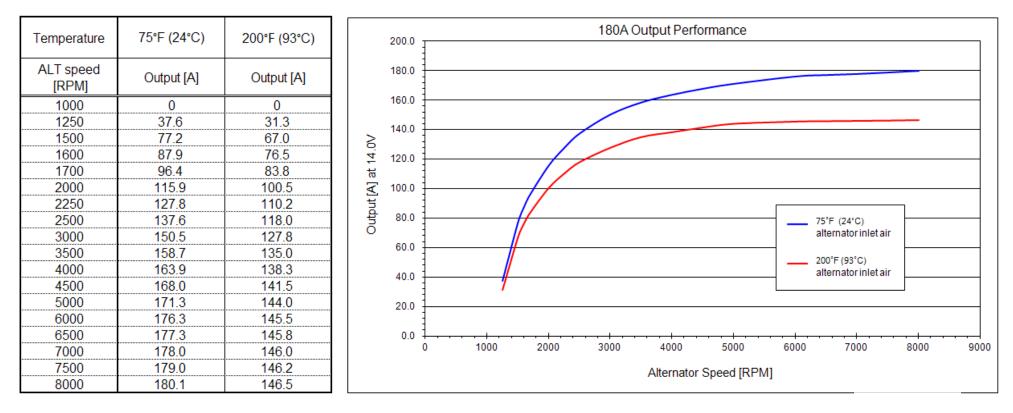


180A ALTERNATOR OUTPUT CURVES - SALES CODE BAD



Pulley Ratios 6.4 L Gas - 2.78:1 6.7 L Diesel - 3.74:1

Alternator Output Curves

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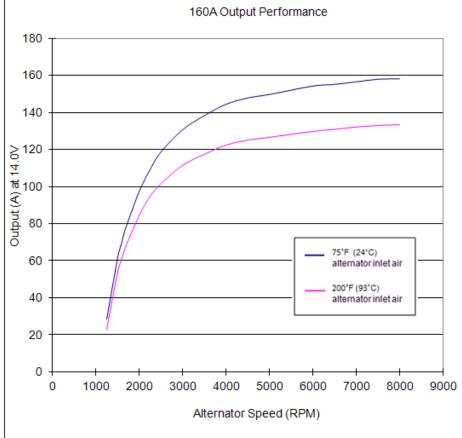
FCA US LLC - Body Builder Instruction



160A ALTERNATOR OUTPUT CURVES

Secondary Alternator with Dual Alternators Sales Code XF5 on 6.4L Gas Engine

Temperature	75°F (24°C)	200°F (93°C)	
ALT speed [RPM]	Output [A]	Output [A]	
1250	28.6	23.0	
1500	61.4	53.8	
1600	70.4	61.5	
1700	78.5	68.5	2
2000	97.5	84.7	
2250	109.2	95.0	1
2500	118.7	101.8	(V) + ···+ · (
3000	130.6	111.7	
3500	138.2	117.6	
4000	144.3	122.6	
4500	147.7	125.3	
5000	149.6	126.8	
6000	154.1	130.0	
6500	155.0	131.1	
7000	156.4	132.4	
7500	157.8	133.2	
8000	158.0	133.6	



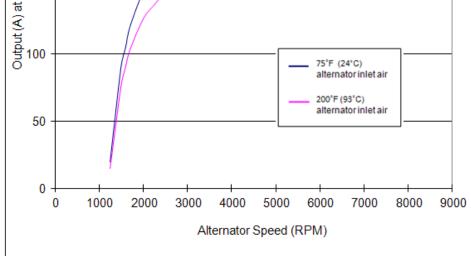
Pulley Ratio - 2.72:1

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220A ALTERNATOR OUTPUT CURVES -Sales Code BAJ for Single Alternator Sales Code XF5 as part of Dual Alternator 6.4L Gas Sales Code XF7 for Dual Alternator 6.7L Diesel

Temperature 75°F (24°C) 200°F (93°C) ALT speed [RPM] Output [A] Output [A] Output [A] 1250 19.5 14.5 1500 90.6 76.3 1600 104.4 89.9 1700 120.0 102.8 2000 146.5 125.9 2250 159.9 136.4 2500 169.7 145.2 3000 183.2 155.4 3500 191.2 162.3 4000 197.8 167.9 4500 201.7 172.0 5000 213.1 181.4 7000 215.5 185.6 7500 218.1 189.0 8000 219.3 190.8					
ALT speed [RPM] Output [A] Output [A] 1250 19.5 14.5 1500 90.6 76.3 1600 104.4 89.9 1700 120.0 102.8 2000 146.5 125.9 2250 159.9 136.4 2500 169.7 145.2 3000 183.2 155.4 3500 191.2 162.3 4000 197.8 167.9 4500 201.7 172.0 5000 204.2 173.4 6000 213.1 181.4 7000 215.5 185.6 7500 218.1 189.0	Temperature	75°F (24°C)	200°F (93°C)	220A Output Performa	nce
1500 90.6 76.3 1600 104.4 89.9 1700 120.0 102.8 2000 146.5 125.9 2250 159.9 136.4 2500 169.7 145.2 3000 183.2 155.4 3500 191.2 162.3 4000 197.8 167.9 4500 201.7 172.0 5000 213.1 181.4 7000 215.5 185.6 7500 218.1 189.0		Output [A]	Output [A]		
1600 104.4 89.9 1700 120.0 102.8 2000 146.5 125.9 2250 159.9 136.4 2500 169.7 145.2 3000 183.2 155.4 3500 191.2 162.3 4000 197.8 167.9 4500 201.7 172.0 5000 204.2 173.4 6500 213.1 181.4 7000 215.5 185.6 7500 218.1 189.0	1250	19.5	14.5		
1700 120.0 102.8 2000 146.5 125.9 2250 159.9 136.4 2500 169.7 145.2 3000 183.2 155.4 3500 191.2 162.3 4000 197.8 167.9 4500 201.7 172.0 5000 204.2 173.4 6500 213.1 181.4 7000 215.5 185.6 7500 218.1 189.0	1500	90.6	76.3	200	
2000 146.5 125.9 2250 159.9 136.4 2500 169.7 145.2 3000 183.2 155.4 3500 191.2 162.3 4000 197.8 167.9 4500 201.7 172.0 5000 204.2 173.4 6500 213.1 181.4 7000 215.5 185.6 7500 218.1 189.0	1600	104.4	89.9		
2250 159.9 136.4 2500 169.7 145.2 3000 183.2 155.4 3500 191.2 162.3 4000 197.8 167.9 4500 201.7 172.0 5000 204.2 173.4 6500 213.1 181.4 7000 215.5 185.6 7500 218.1 189.0	1700	120.0	102.8		
2250 159.9 136.4 2500 169.7 145.2 3000 183.2 155.4 3500 191.2 162.3 4000 197.8 167.9 4500 201.7 172.0 5000 204.2 173.4 6500 213.1 181.4 7000 215.5 185.6 7500 218.1 189.0	2000	146.5	125.9	6 + 150	
3500 191.2 162.3 4000 197.8 167.9 4500 201.7 172.0 5000 204.2 173.4 6000 210.5 179.4 6500 213.1 181.4 7000 215.5 185.6 7500 218.1 189.0	2250	159.9	136.4		
3500 191.2 162.3 4000 197.8 167.9 4500 201.7 172.0 5000 204.2 173.4 6000 210.5 179.4 6500 213.1 181.4 7000 215.5 185.6 7500 218.1 189.0	2500	169.7	145.2		
3500 191.2 162.3 4000 197.8 167.9 4500 201.7 172.0 5000 204.2 173.4 6000 210.5 179.4 6500 213.1 181.4 7000 215.5 185.6 7500 218.1 189.0	3000	183.2	155.4		
4500 201.7 172.0 5000 204.2 173.4 6000 210.5 179.4 6500 213.1 181.4 7000 215.5 185.6 7500 218.1 189.0	3500	191.2	162.3		altern
4500 201.7 172.0 5000 204.2 173.4 6000 210.5 179.4 6500 213.1 181.4 7000 215.5 185.6 7500 218.1 189.0	4000	197.8	167.9		
6000 210.5 179.4 6500 213.1 181.4 7000 215.5 185.6 7500 218.1 189.0	4500	201.7	172.0		altern
6500 213.1 181.4 7000 215.5 185.6 7500 218.1 189.0	5000	204.2	173.4		
7000 215.5 185.6 0 1000 2000 3000 4000 5000 6000 7500 218.1 189.0 Alternator Speed (RPM) Alternator Speed (RPM)	6000	210.5	179.4		
7500 218.1 189.0 Alternator Speed (RPM)	6500	213.1	181.4		
	7000	215.5	185.6	0 1000 2000 3000 4000 5000 60	000
8000 219.3 190.8	7500	218.1	189.0	Alternator Speed (RPN	(N
	8000	219.3	190.8		



Pulley Ratios

6.4 L Gas - 2.90:1

6.7 L Diesel - Primary Alternator - 3.24:1

6.7 L Diesel - Secondary Alternator with Dual Alternators - 3.22:1

11/4/2019

Alternator Output Curves

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