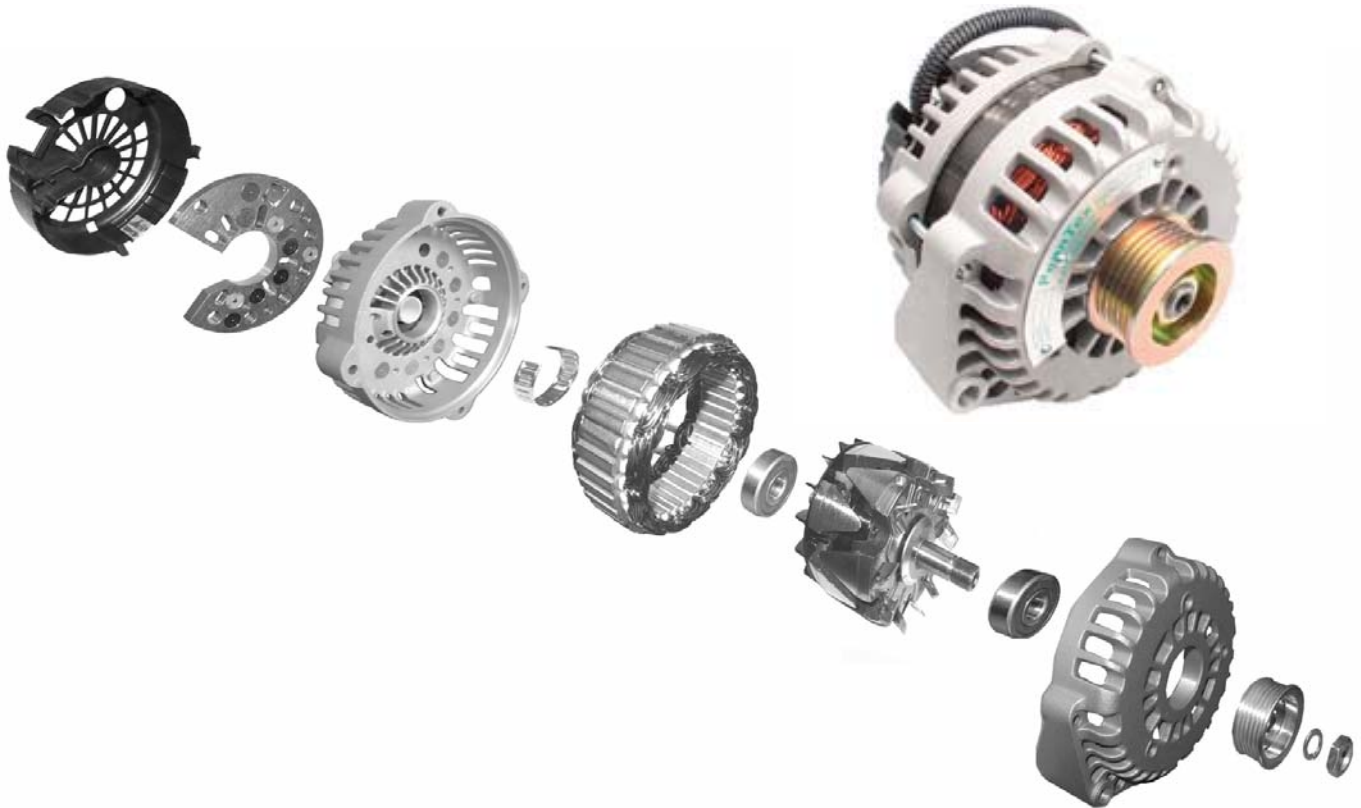




How to Tear Down A PX-4V-220 Series Alternator



- 1) Remove the black rear cover.
- 2) Remove the 3 stator lead attaching nuts.
- 3) Remove the 3 stator leads, 6 negative diode leads and brush lead from the 3 mount studs.
- 4) Straighten the 3 stator leads.
- 5) Turn the 3 stator lead end terminals sideways to fit through the rear housing slots.
- 6) Remove the black stator lead protector.
- 7) Remove the 3 positive heat sink retaining screws.
- 8) Remove the brush holder retaining screw.
- 9) Remove the positive heat sink, connection pigtail and the brush holder.
- 10) Remove the pulley.
- 11) Remove the 4 rear housing to front housing retaining screws.
- 12) Separate the front housing, stator, rotor, and rear housing.

PERFORMANCE, ENDURANCE AND SATISFACTION

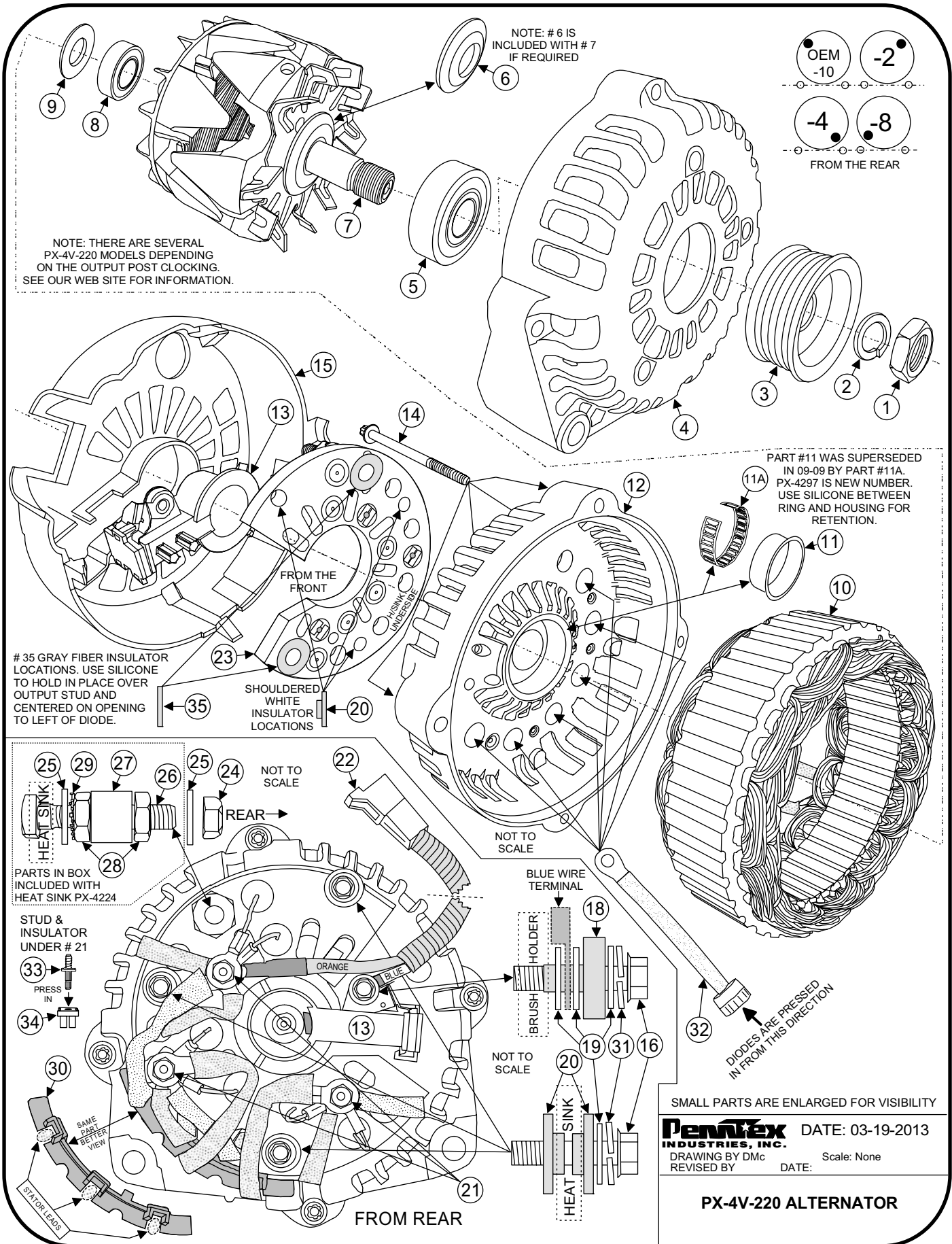
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PX-4V-220 (12-VOLT)

PARTS LIST

Serial #'s 020658235 to Present



Note: Quantity (Qty.) is the number of single parts required in one alternator.

No.	Part #	Description	Qty.	No.	Part #	Description	Qty.
1	PX-1060-PKG	Nut, SB Rotor (Package of 10)	1				
2	PX-1059-PKG	Washer, Rotor, Lock (Package of 10)	1				
3	PX-4287	Pulley, 2.3 K6 SB	1				
4	PX-4276	Housing, Front (PX-4V-220)	1				
5	PX-4288	Bearing, Front (PX-4V-220)	1				
6	PX-4277	Spacer, Rotor. (This is part of the rotor on new replacement rotors and an additional spacer is not needed.)	1				
7	PX-4278	Rotor, 12V , with integral front spacer	1				
8	PX-4279	Bearing, Rear (PX-4V-220)	1				
9	PX-4280	Cover, Rear Bearing, Metal	1				
10	PX-4290	Stator, 12V 220 Amp (PX-4V-220)	1				
11	PX-4281	Ring (Superseded by 11A: PX-4297)					
11A	PX-4297-PKG	Ring, Metal Tolerance (Pkg of 5)	1				
12	PX-4282	Housing, Rear, Bare (PX-4V-220)	1				
***	PX-4275	Housing, Rear, W/ Negative Diodes installed	1				
13	PX-4283	Brush Holder Assembly (PX-4V-220)	1				
14	PX-4286	Bolt, Rear Case to Front CaseThru	4				
15	PX-4285	Cover, Rear Rectifier, Black Plastic	1				
16	PX-4229	Screw, Attaching, Heat Sink & Brush Holder	4				
18	PX-4227	Insulator, w/Shoulder, Brush Holder	1				
19	PX-1098-PKG	Washer, #8 Flat, (Pkg of 25)	6				
20	PX-1091-PKG	Insulator, Heat Sink Stud (Pkg of 5)	6				
21	PX-1099-PKG	Nut, 8-32 Keps (Package of 25)	3				
22	PX-4273	Pigtail, Assembly, 2-wire (PX-4V-220)	1				
23	PX-4224	Heat Sink Asm, Positive (PX-4V-220)	1				
24	PX-1106-PKG	Nut, 5/16x18 Steel (Pkg. of 25)	1				
25	PX-1116-PKG	Washer, 5/16" Flat (Pkg. of 25)	2				
26	PX-2545	Battery Post, 5/16" Square Head	1				
27	PX-4296	Bushing, Positive Output Post	1				
28	PX-1516	Nut, 5/16" Jam	2				
29	PX-1515	Washer, 5/16" External Tooth Lock	1				
30	PX-4284	Insulator, Stator Lead (PX-4V-220)	1				
31	PX-1100-PKG	Washer, Lock (Package of 25)	4				
32	PX-5335-PKG	Diode Asm, Negative (Pkg of 10)	6				
33	PX-1040-PKG	Stud, Heat Sink (Package of 25)	3				
34	PX-1039-PKG	Insulator, Heat Sink Stud (Pkg of 25)	3				
***	PX-4223	Housing Assembly, Rear W/O Stator	1				
	Note: PX-4223 includes items 12,13,15,16,18,19,21, 22,23,24,25,26,27,28,29,30,31, & 32 as required						
35	PX-4221	Insulator, Gray Fiber Washer	2				
***		Part not shown in drawing					

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