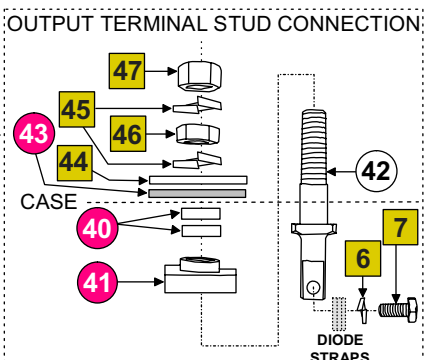
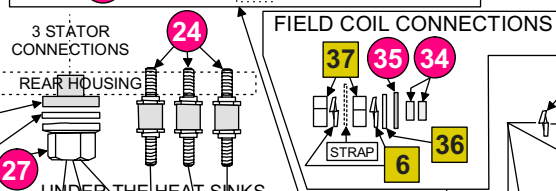
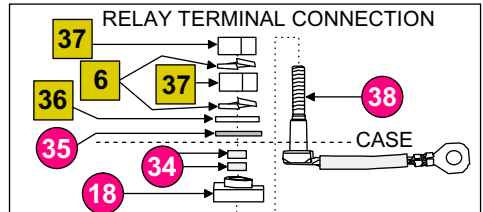


PX-8 CABLE SUPPORT KITS:
OUTPUT CABLE ONLY: PX-8150.
PX-8968:
POSITIVE,
NEGATIVE,
RELAY & F1

PX-8 BCK Kit Parts ID:
● **BASIC KIT**
■ **HARDWARE KIT**
● **INSULATOR & ACCESSORY KIT**
 (Numbers with no fill are not included)
 NOTE: This drawing shows a complete PX-833. The parts identified in the 3 kits above make up a PX-8 BCK Kit.

The PX-8 BCK Kit converts 50DN alternators from oil-cooled to air-cooled



28
 ALL 6 DIODES ARE THE SAME-
 WHERE THEY MOUNT DETERMINES IF
 POSITIVE (HEAT SINK) OR NEGATIVE (CASE)

Parts shown here that are not
 in a PX-8 BCK Kit: 13, 15, 16,
 17, 19, 28, 42, 49, 50, 53 & 54.

ALWAYS LOOK FOR THE
 RAISED PENNTEX LOGO
 AT THIS LOCATION
 IN THE CASTING

Penntex
INDUSTRIES, INC.
 DRAWING BY DMC DATE: 06-18-2014
 REVISED BY DATE: Scale: None
PX-833 ALTERNATOR Drawing
 Showing PX-8 BCK Kit Parts
 (Basic Conversion Kit)

PX-8 BCK (24-VOLT)

PARTS LIST

ALL



See the list of Authorized PennTex PX-8 BCK Dealers at www.penntexusa.com/CRDList

No.	Part #	Description	Qty.
Basic PX-8 BCK (Basic Conversion Kit) Parts:			
4	PX-8440	Fan, Cooling (PX8)	1
5	PX-8058	Fan Shroud (PX8)	1
9	PX-8310	Retainer, Outside DE Bearing (PX8)	1
10	PX-8138	Bearing, Outer (PX8)	1
12	PX-8307	Housing, Front (PX8)	1
14	PX-8878	Bearing, Inner DE (PX8)	1
21	PX-8611	Housing, Rear (PX8)	1
29A	PX-8036A	Heat Sink, Rectifier, Left (PX8)	1
29B	PX-8036B	Heat Sink, Rectifier, Center (PX8)	1
29C	PX-8036C	Heat Sink, Rectifier Right (PX8)	1
33	PX-8148	Cover Plate, Rear (PX8)	1
48	PX-8194	Kit, Stator Assembly Plug	1
PX-8995: PX-8 BCK Hardware Kit Parts:			
1	PX-8400	Nut, Rotor Shaft (PX8)	1
2	PX-8261	Washer, Rotor Shaft Nut (PX8)	1
6	PX-8423	Washer, DE Frame Screw Lock	35
7	PX-8336	Bolt, Attaching, For Shroud/Cover/Etc.	35
8	PX-8263	Screw, Bearing Retainer Plate	12
11	PX-8129	Bolt, Frame Attachment	12
26	PX-8805	Washer, Plain Stator Lead (PX8)	3
32	PX-1113-PKG	Nut, 10-32 Keps	3
36	PX-8125	Washer, Field Terminal (PX8)	9
37	PX-8326	Nut, Field Terminal	6
44	PX-8205	Washer, Plain Output (PX8)	1
45	PX-1252	Washer, 1/2" Split Lock Gr8	2
46	PX-8967	Nut, 5/16" Thick, Jamb, Output Post	1
47	PX-8548	Nut, 1/2" Thick, Output Post, Cable Attaching	1
51	PX-8999	Bolt, Ground (PX8)	1
52	PX-1382-PKG	Washer, Flat 3/8"	1
***	PX-8645	Kit, Oil Line Cap (PX8) *** Not Shown	1
PX-8647: PX-8 BCK Insulator & Accessory Kit			
18	PX-8249	Bushing, Field Terminal Insulator (PX8)	3
20	PX-8051	Washer, Insulator, Stator Terminal (PX8)	3
24	PX-8193	Stud, Rectifier Bracket (PX8)	3
25	PX-8212	Bushing, Ins. Stator Term. (PX8)	3
27	PX-8224	Nut, Stator & Diode Lead (PX8)	9
30	PX-8711	Spacer, Rectifier Bracket (PX8)	3
31	PX-1098-PKG	Washer, #8 Flat	3
34	PX-8039	Insulator, Sleeve, Field&Relay Terminal	6
35	PX-8746	Washer, Insulator, Field Terminal (PX8)	3
38	PX-8955	Terminal, Relay (PX8)	1
39	PX-8209	Strap, Ground, Field Terminal (PX8)	1

No.	Part #	Description	Qty.
40	PX-8055	Terminal, Insulator Sleeve (PX8)	2
41	PX-8246	Bushing, Insulator, Output Terminal (PX8)	1
43	PX-8813	Washer, Insulator, Output Terminal (PX8)	1
All parts in the 3 lists above are included in a PX-8 BCK Kit			
Parts in a PX-833 Air-Cooled Alternator Not Included in a PX-8 BCK Kit:			
13	PX-8056	Spacer, Bearing (PX8)	1
15	PX-8060	Retainer, Inner DE Bearing (PX8)	1
16	PX-8315	Rotor, 24-Volt (PX8)	1
17	PX-8614	Coil Assembly, Field (PX8)	1
19	PX-8568	Stator, 24-Volt 330A (PX8)	1
28	PX-8867	Diode Assembly (PX8)	6
42	PX-8038	Stud, Output Terminal (PX8)	1
Other Parts For a PX-833 or PX-8 BCK Kit:			
49	PX-8150	Kit, Cable Support (Positive cable only)	1
50	PX-8968	Kit, Positive & Negative Cable Support	1
(# 49 & 50 are both cable support kits-use one or the other)			
Parts Not Included in a Standard Kit or a BCK Kit:			
53	PX-8250	Pulley, K10, 4" O.D. (PX8)	1
54	PX-8251	Pulley, K8, 3.75" O.D. (PX8)	1
A 24-Volt PX-833 Alternator uses the existing Voltage Regulator and Harness on the vehicle.			
PX-8 Series Part Numbers:			
	PX-833	Complete 24-Volt Air-Cooled 50DN Upgrade	
	PX-8 BCK	Complete parts kit to convert an oil-cooled 50DN to a 24-Volt Air-Cooled alternator	
NOTE: Part numbers ending with "PKG" are only available as packages or multiples. The "Qty." or Quantity number indicates how many individual parts come in the kits.			
Contact us:		Phone Toll Free: 877-590-7366	
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