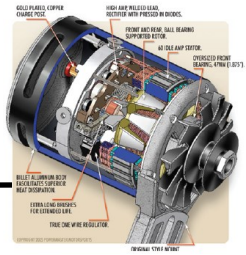
INSTRUCTION SHEET

A-Model PowerGEN

PART# 82001 12-Volt Negative Ground



Tech Support : (630) 957-4019 **tech@powermasterperformance.com**



PART# 82001

Included Mounting Hardware

- **(A)** (1) 1/2—13 x 2 1/2 L Bolt
- **(B)** (1) 1/2—13 Nut
- **(C)** (1) 3/8-16 3/4 L Bolt
- **(D)** (1) 3/8-16 DBL Thread Bolt
- **(E)** (2) 3/8-16 Lock Washer
- **(F)** (1) 3/8-16 Nut
- **(G)** (1) Belt tension Bracket

System Voltage: **WARNING!**

The PowerGEN part # (listed above) is for the use with **12-Volt Negative Ground systems ONLY.** If used with other systems, damage to the alternator and/or electrical system can occur.

Charge Wire:

Connect a #8 charge wire from the cut out look alike terminal post on PowerGEN to Positive post on battery or to battery side (Positive) of starter solenoid. Do not over tighten the output post connection.

Belt sizes:

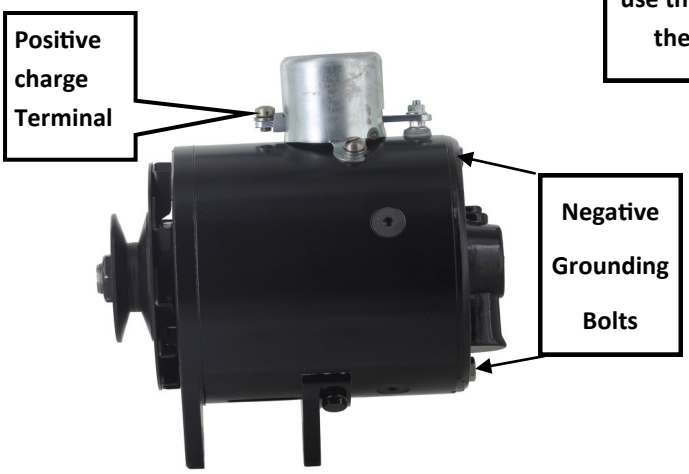
May need a shorter belt to prevent hitting on the radiator bottom pipe**.**

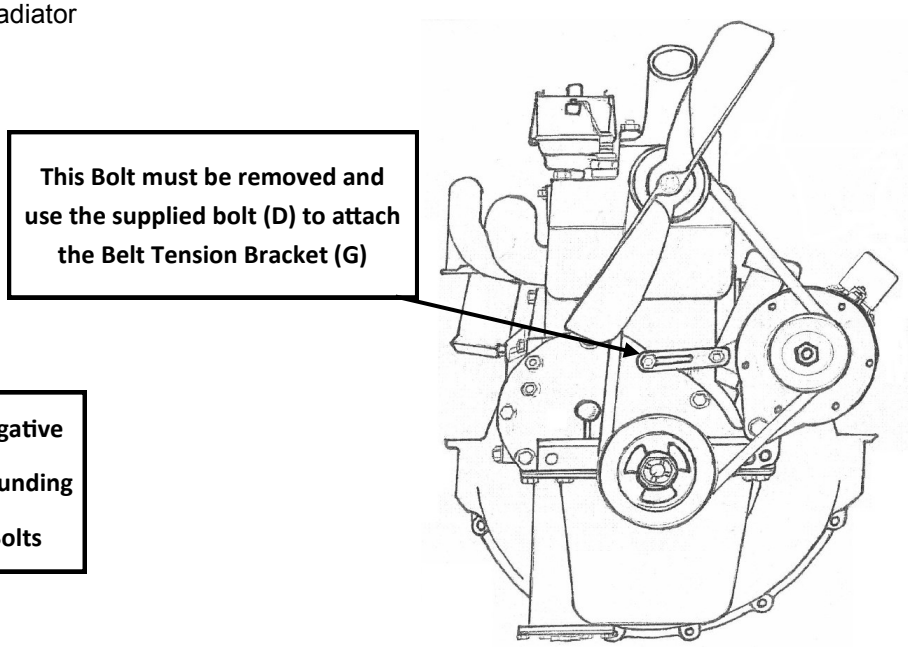
Mounting, Belt Tension and Alignment:

PowerGEN's mounting, as well as most dimensions, are the same as the original generator, with the exception of a slightly larger body diameter. Good belt alignment and rigid mounting are essential to eliminate belt slippage and assure long PowerGEN's life. Alternators require more belt tension than generators. Proper belt tension is required to prevent slipping. ½" deflection, using a straight edge is optimal.

Grounding:

Good grounding is essential. PowerGEN's require a ground wire from one of the rear cover bolts to a clean (Bare Metal) engine block surface.





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PowerGEN Application Guide

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CHROME PULLEYS

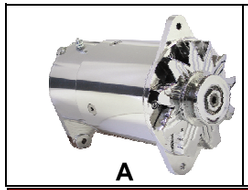
3/8” Belt
P/N 1130

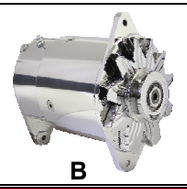
1/2” Belt
P/N 1132

5/8” Belt
P/N 1134

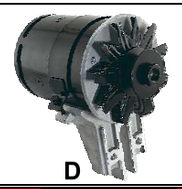
3/4” Belt
P/N 1136

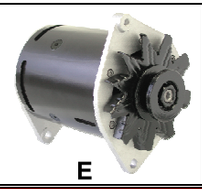


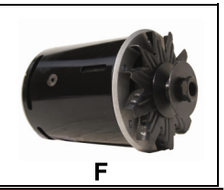

A


B


C


D


E


F

Description	Standard Pulley	Part Number Chrome	Polish	Black
GM PowerGEN (A)				
90A GM Long (7.1" Fld Hsg) 12V	3/8"	182051	282051	82051
90A GM Long (7.1" Fld Hsg) 12V w/ Lamp Term	3/8"	182051-2	282051-2	82051-2
90A GM Long (7.1" Fld Hsg) 6V Pos Grd	3/8"	182056	282056	82056
90A GM Long (7.1" Fld Hsg) 6V Neg Grd '48-'54	3/8"	182057	282057	82057
GM PowerGEN (B)				
90A GM Short (6" Fld Hsg) 12V	3/8"	182111	282111	82111
90A GM Short (6" Fld Hsg) 12V w/ Lamp Term	3/8"	182111-2	282111-2	82111-2
90A GM Short (6" Fld Hsg) 6V Pos Grd	3/8"	182116	282116	82116
90A GM Short (6" Fld Hsg) 6V Neg Grd '48-'54	3/8"	182117	282117	82117
Ford Flathead PowerGEN (C)				
90A Ford '39-'48, 12V	5/8"	182011	282011	82011
90A Ford '39-'48, 12V w/ Lamp Term	5/8"	182011-2	282011-2	82011-2
90A Ford '39-'48, 12V "Shorty" 1.5" Shorter	5/8"	182013	282013	82013
90A Ford '39-'48, 12V w/ Lamp Term "Shorty" 1.5" Shorter	5/8"	182013-2	282013-2	82013-2
90A Ford '39-'48, 6V Pos Grd	5/8"	182016	282016	82016
Ford Flathead PowerGEN (D)				
90A Ford Strap Mtg. '49-'53, 12V	5/8"	182021	282021	82021
90A Ford Strap Mtg. '49-'53, 12V w/ Lamp Term	5/8"	182021-2	282021-2	82021-2
90A Ford Strap Mtg. '49-'53, 12V "Shorty" 1.5" Shorter	5/8"	182023	282023	82023
90A Ford Strap Mtg. '49-'53, 12V w/ Lamp Term "Shorty" 1.5" Shorter	5/8"	182023-2	282023-2	82023-2
90A Ford Strap Mtg. '49-'53, 6V Pos Grd	5/8"	182026	282026	82026
Ford PowerGEN (E)				
90A Ford Swing Mtg. 12V	3/8"	182101	282101	82101
90A Ford Swing Mtg. 12V w/ Lamp Term	3/8"	182101-2	282101-2	82101-2
90A Ford Swing Mtg. 6V Pos Grd	3/8"	182106	282106	82106
90A Ford T-Bird 1956-57 12V	1/2”	182155	282155	82155
90A Ford T-Bird 1956-57 12V w/ Lamp Term	1/2”	182155-2	282155-2	82155-2
90A Ford T-Bird 1955 6V Pos Grd—use ‘56-’57 p/n’s for 12V upgrade	1/2”	182156	282156	82156
Universal PowerGEN (F)				
90A "Universal" 12V	5/8"	182091	282091	82091
90A "Universal" 12V w/ Lamp Term	5/8"	182091-2	282091-2	82091-2
90A "Universal" 6V Pos Grd	5/8"	182096	282096	82096



BLACK PULLEYS

3/8” Belt
P/N 1131

1/2” Belt
P/N 1133

5/8” Belt
P/N 1135

3/4” Belt
P/N 1137

