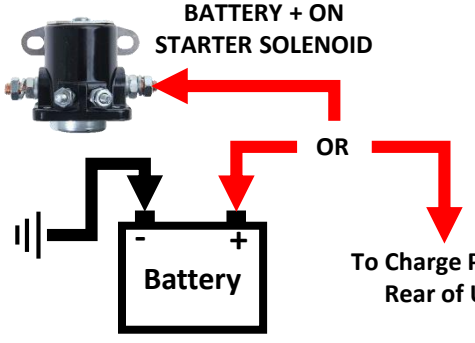
ALTERNATOR WIRING INSTRUCTIONS

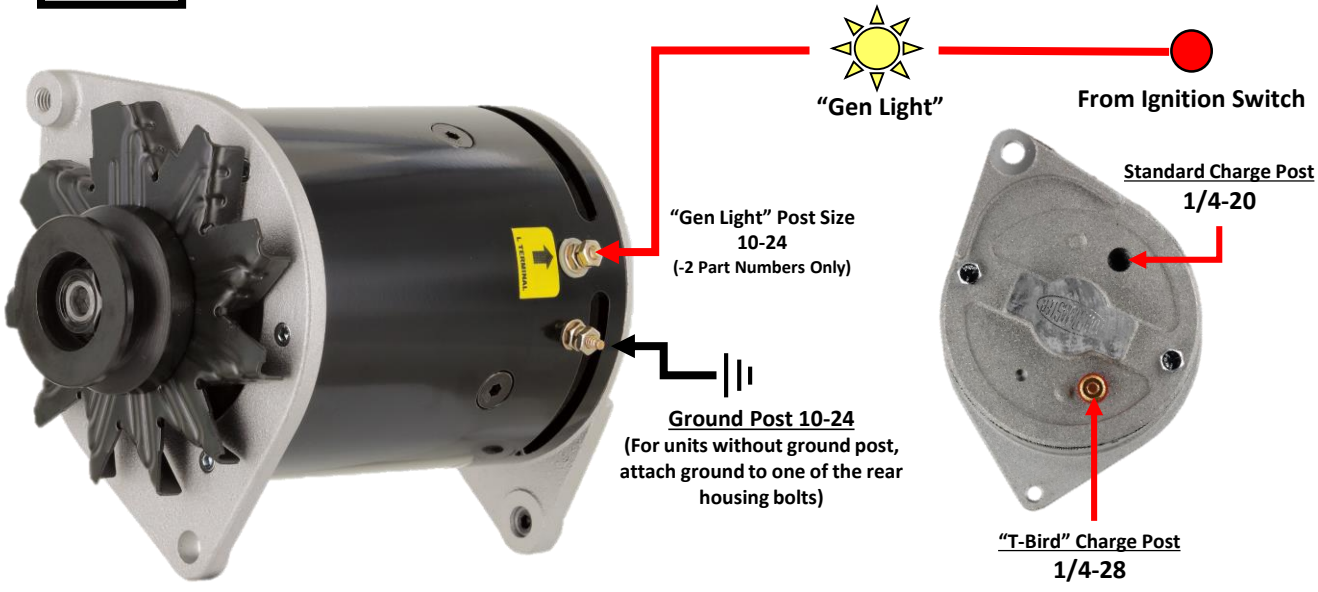
Tech Dept.
(630) 957-4019
Tech@powermasterperformance.com

Important Notes:

- These units are internally regulated and the OE external regulator must be bypassed, removed, or used for appearance only
- All units supplied with pulley for 3/8" V belt (55-57 T-Bird units supplied with ½" V belt pulley)
- This unit is designed for 6.04" wide mounting bracket
- Check unit fitment on bracket and shim accordingly with washers before tightening any bolts.
- 1955-57 T Bird applications see additional mounting info



Charge Indicator "Gen Light" Function
(This ONLY Applies To Part Numbers Ending in -2)
This connection has no effect on charging performance. This wire will attach directly from the indicator light to the unit.



Disconnect Battery Negative (-)

READ ALL INSTRUCTIONS IN BOX!

Charge Wires: Use 8 gauge power cable up to 6 ft.
Ammeters: Do not reconnect the factory ammeter when using these units. Factory ammeters are typically limited to 30 amps. Please consider a volt gauge to monitor your charging system.
Alternator Ground: The OE bracket will not supply a solid alternator ground. Always add an 8 gauge ground lead from the alternator housing to engine block. **Battery must have a clean ground to engine block.**
Wire Connections: Be sure all terminals are crimped securely, and connections are clean and tight.

Belt Tension: Inspect belt for signs of cracking or glazing. Replace if needed. **A loose belt will cause intermittent charging and generate excessive heat resulting in premature unit/bearing failure. Keep in mind "Alternator tight not generator loose".**

A fully charged battery is at least 12.6V, not 12.0V. A weak/defective battery will cause premature failure. **Never disconnect the battery with engine running!** This causes voltage spikes that will damage the alternator. When working correctly 12V units will produce 14-14.8V.

FAILURE TO FOLLOW THESE INSTRUCTIONS MAY VOID YOUR WARRANTY

Powermaster Performance
1833 Downs Dr
West Chicago, IL 60185
www.powermasterperformance.com

PowerGEN Application Guide

Tech/Sales (630) 849-7754

E-mail tech@powermasterperformance.com



CHROME PULLEYS

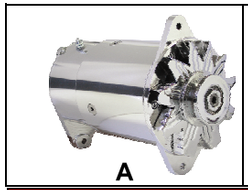
3/8” Belt
P/N 1130

1/2” Belt
P/N 1132

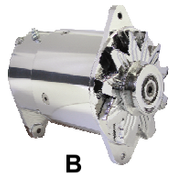
5/8” Belt
P/N 1134

3/4” Belt
P/N 1136





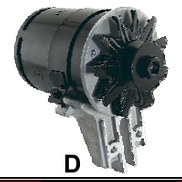
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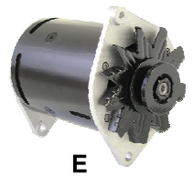
B



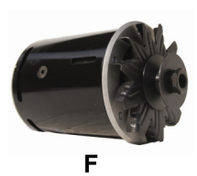
C



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

