

SAFETY DIRECTIVE AV II – 0004

Replacement of the stock Aeromomentum alternator with Aero Adventure approved replacement.

1) Aircraft Affected

1.1) Aeromomentum powered Versions of Aventura II ONLY

1.2) Concurrent Safety Directives

Further to this Safety Directive, the following additional Safety Directives must be observed and complied with:

- Not Applicable

1.3) Reason

Field experience has shown that the alternator supplied have inconsistent quality and reliability. Failures can cause engine out landings.

1.4) Subject

Replacement of the Alternator with the new style offered by Aero Adventure Llc.

1.5) Compliance

Before next flight, Replacement of the Alternator must be conducted according to the Instructions provided in Section 2 of this Safety Directive.

1.6) Approval

The Technical content of this Safety Directive has been approved by Aero Adventure LLC.

1.7) Manpower

- 1 person

1.8) Mass Data

- Change of Weight---- none

- Moment of Inertia----unaffected

1.9) Electrical load data

- 40 amp to 60 amp

2) Accomplishment / Instructions
2.1) Instructions

Figure 1

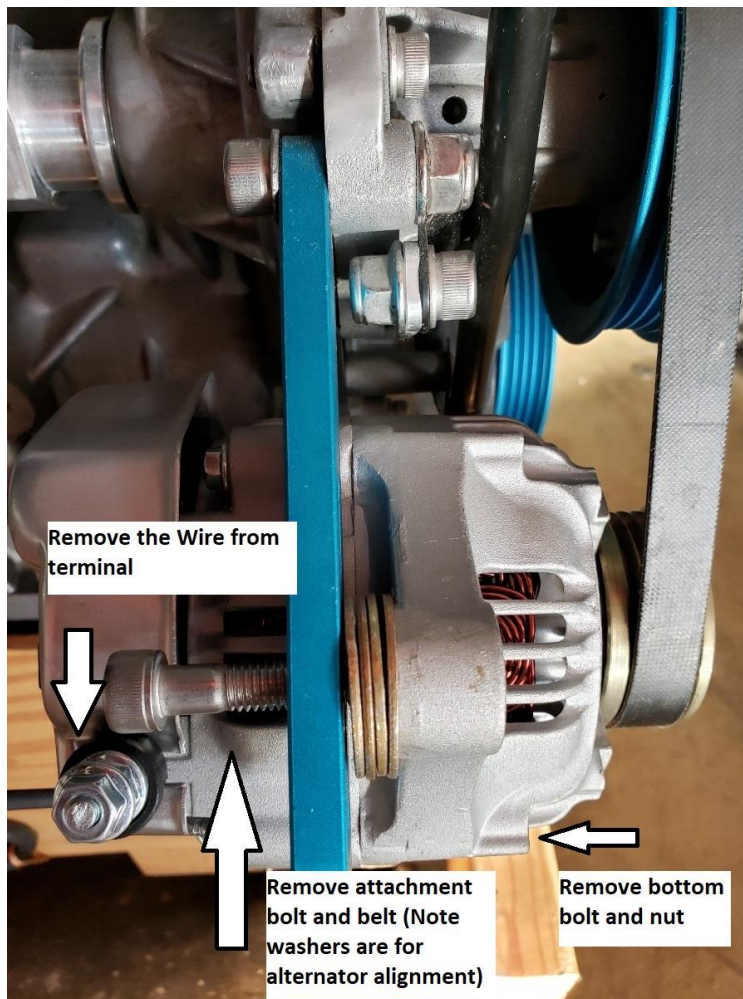
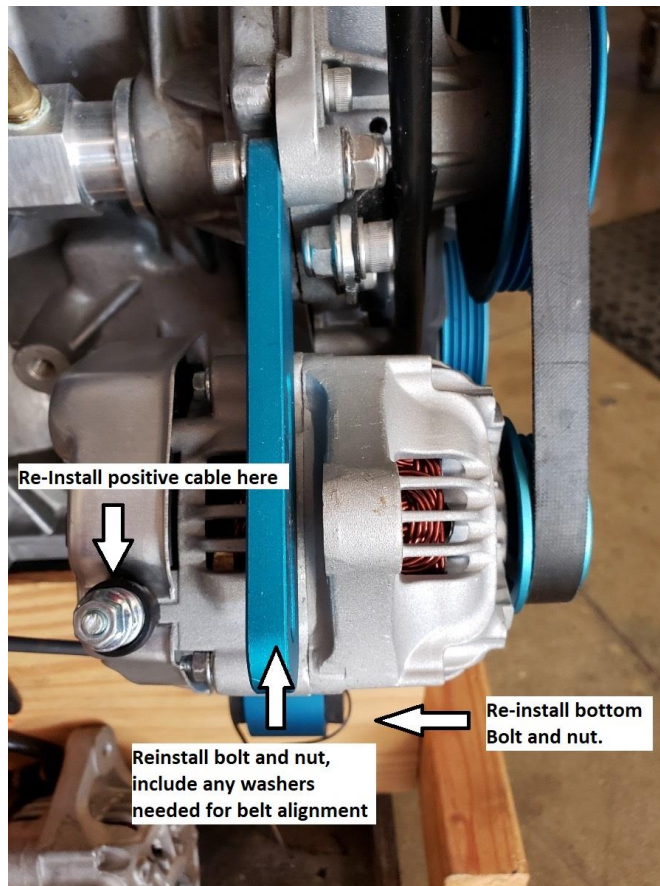


Figure 2



Best practice is to run 8 GA wire from Alternator post through a 60 AMP breaker and directly to positive side of battery. Heavier gauge wire will put too much strain on alternator post which can lead to fatigue and cracking.