



# ***12v VR6 Mini Alternator conversion***

Product: 12v VR6 Mini Alternator conversion.

Item part number : EW1160

Level difficulty : 2

Item purchase link:

[http://shop.eurowise.com/admin/AdminDetails\\_Generic.asp?table=Products\\_Joined&ID=EW1160](http://shop.eurowise.com/admin/AdminDetails_Generic.asp?table=Products_Joined&ID=EW1160)

## **INSTALLATION PROCESS**

### **DISCONNECT BATTERY**

**UNBOLT 13MM NUT FROM ALTERNATOR POWER CABLE**

**UNBOLT VR6 ALTERNATOR AND POWER STEERING PUMP IF STILL EQUIPPED. ALTERNATOR IS HELD ON WITH EITHER 13MM OR 8MM HEX BOLTS.**

**ONCE REMOVED THEY ARE BOTH NO LONGER NEEDED.**

**REMOVE OEM BRACKET FROM BLOCK USING 8MM HEX SOCKET.**

**INSTALL NEW BILLET BRACKET WITH FLAT SIDE FACING THE CRANK PULLEY.**

**THE TOP BOLT IS A LONG BOLT WITH NUT.**

**THE BOTTOM IS A THREADED BOLT HOLE. BOTH BOLTS INSERT FROM THE CRANK PULLEY SIDE INWARDS.**

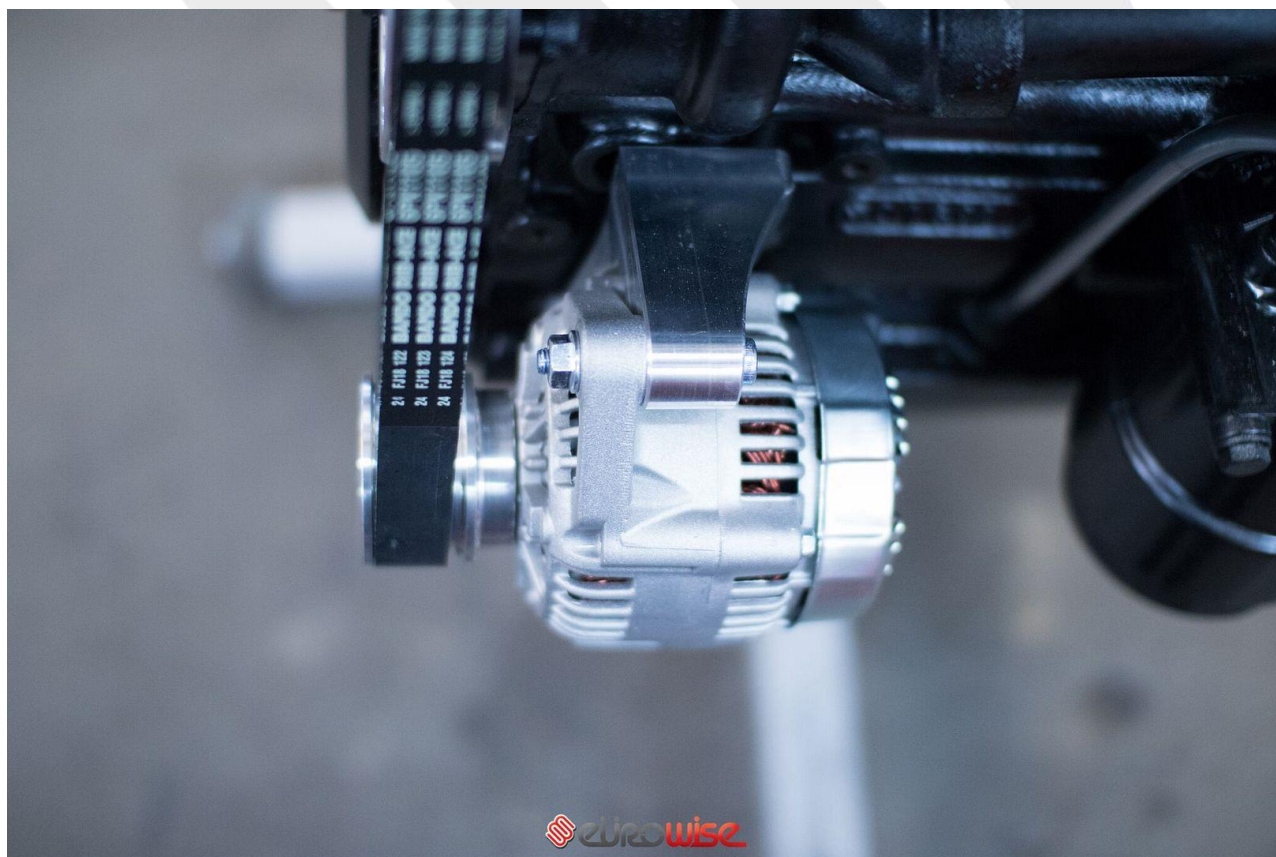
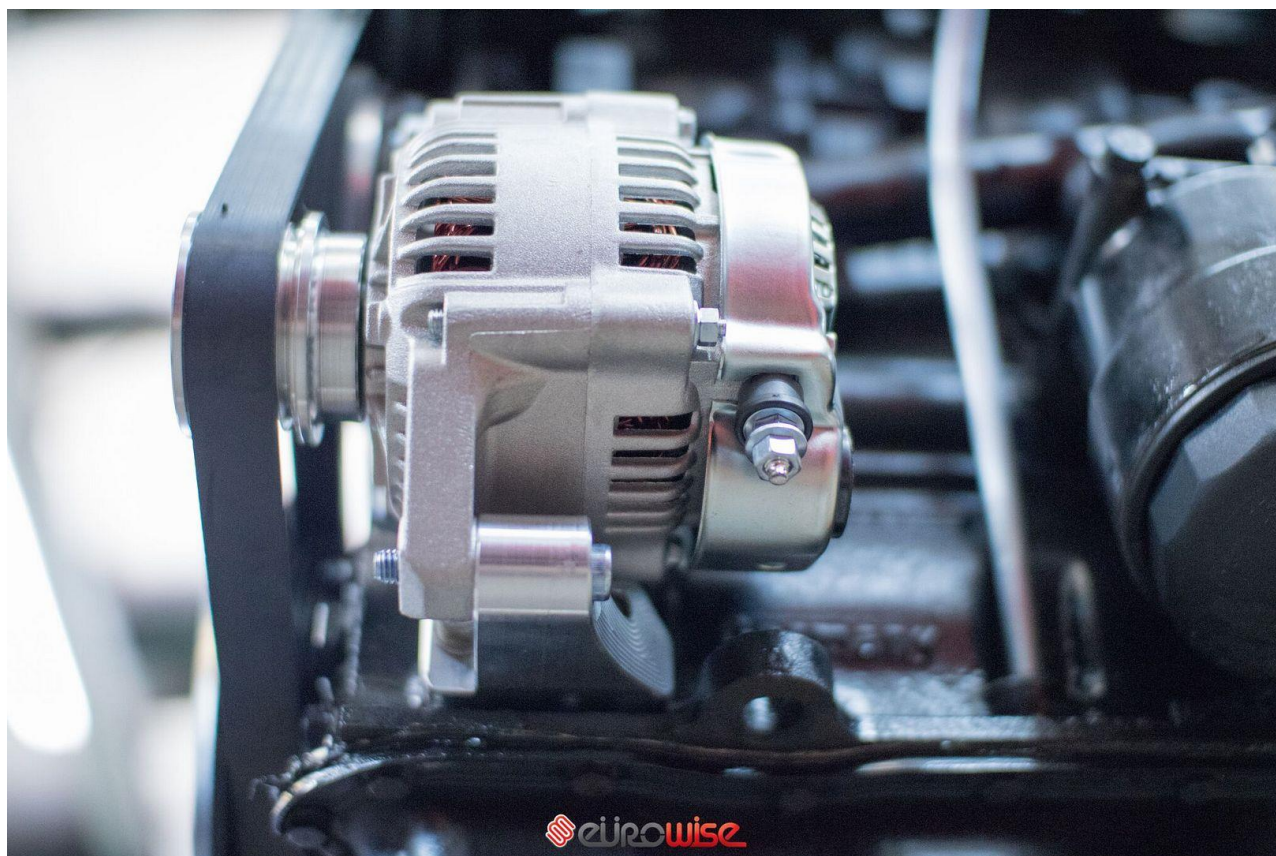
**REUSING THE OEM CHARGING CABLE AND BOLT TO THE SINGLE POLE WITH NUT ON ALTERNATOR.**

**THIS ALTERNATOR REQUIRES NOTHING ELSE TO EXCITE OR WORK. THE RPM OF THE ENGINE IS ALL THAT IS NEEDED TO CHARGE.**

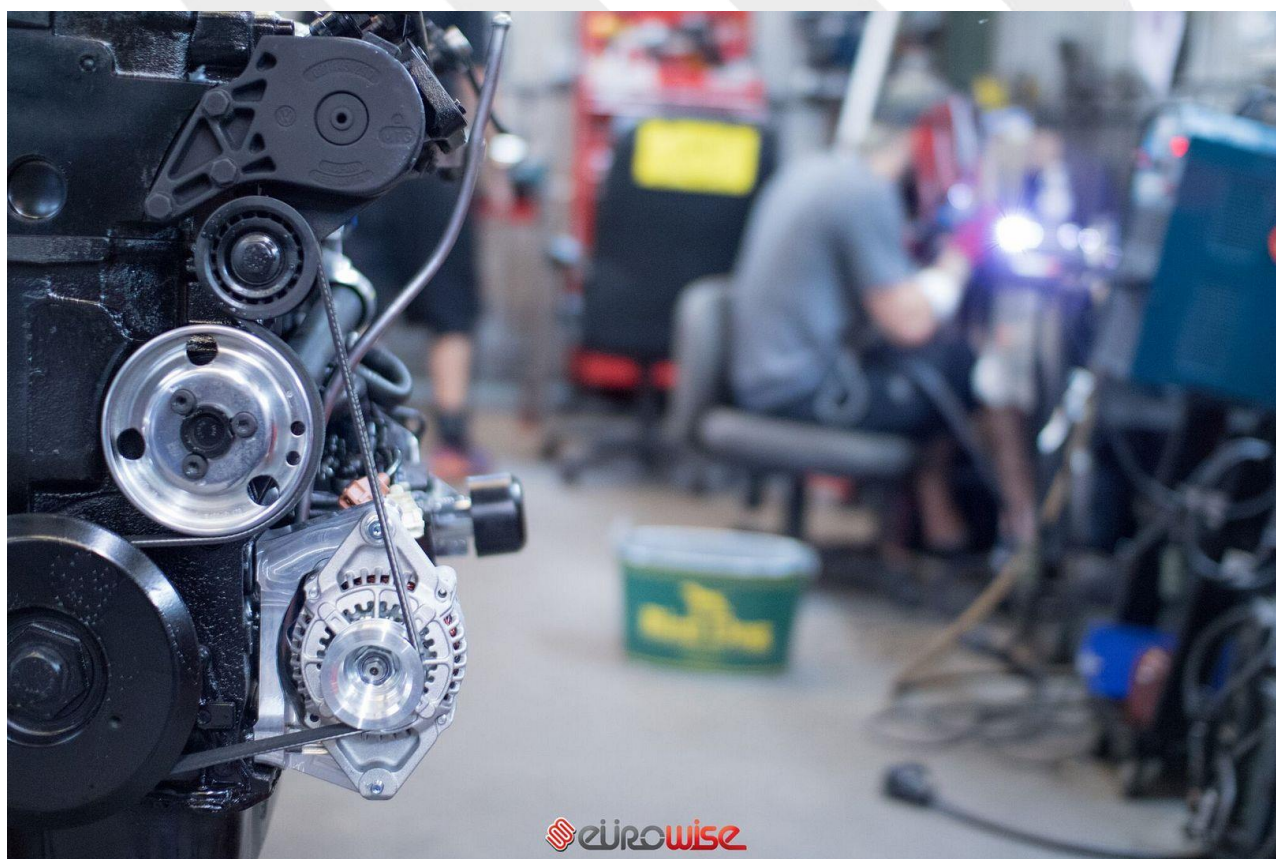
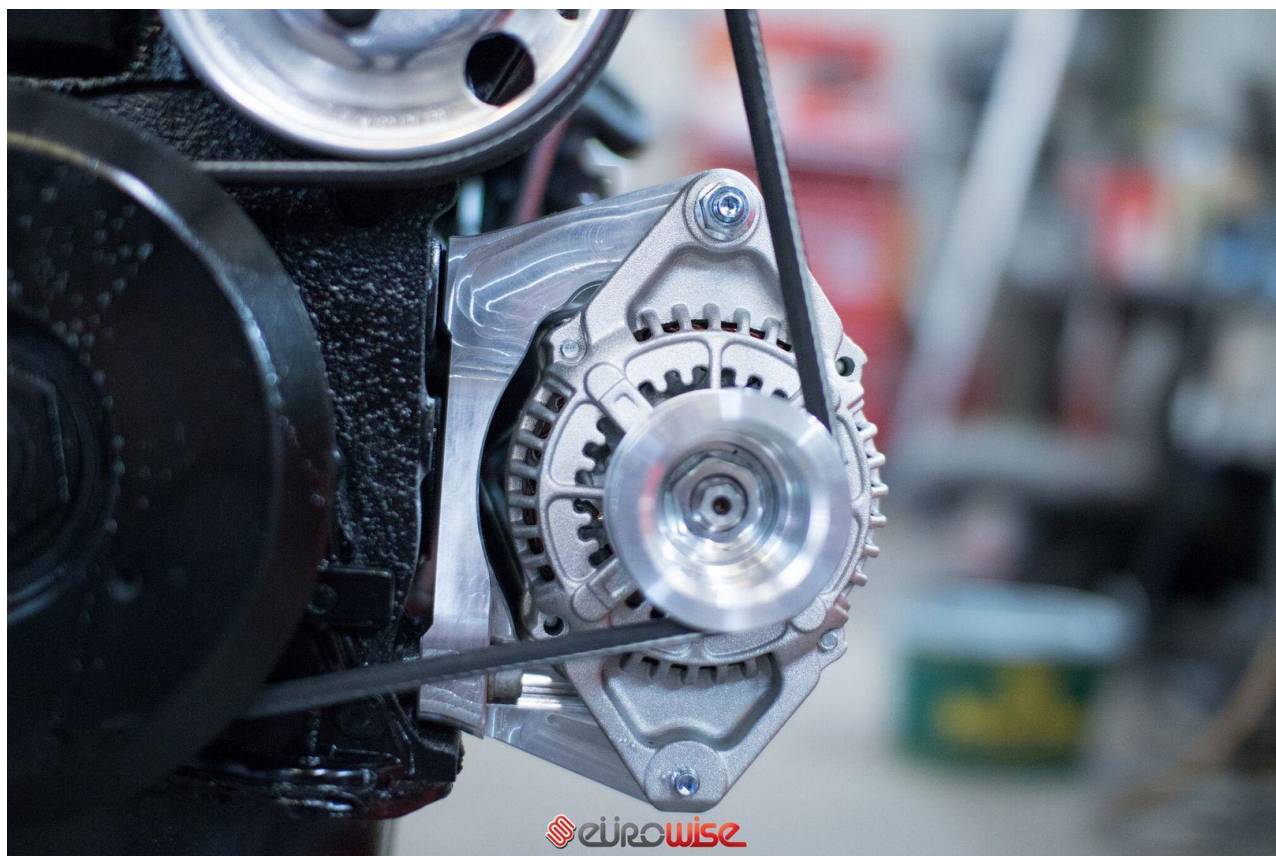
**IN SOME CASES IF THE ENGINE IDLE IS SET TOO LOW THE ALTERNATOR WILL NOT CHARGE. MAKE SURE THE IDLE IS SET HIGH ENOUGH TO CHARGE THE BATTERY TYPICALLY 850 RPM OR HIGHER IS BEST.**



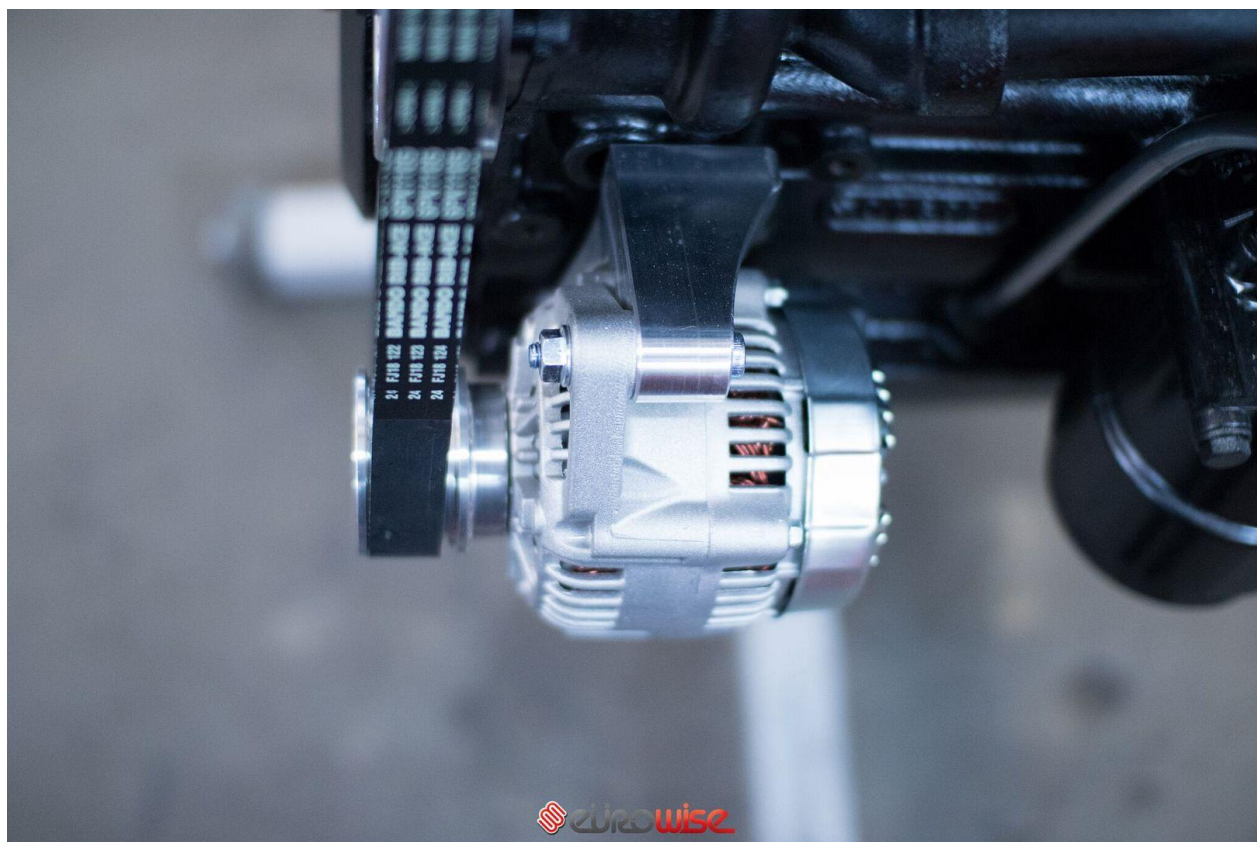
















Hardware mounting locations are as following in the photos. Depending on which VR6 block you are mounting to you may not need to use all the hardware. The shortest bolt will be installed in the hole with the aluminum spacer insert installed. That one is used on 24v and 3.6 blocks.





On the alternator install the longer bolt and nut through the hole without threads. this one will be on top. The bolt for bottom will thread into the alternator itself.



***IF YOU HAVE ANY QUESTIONS, COMMENTS, OR CONCERNS RELATED TO YOUR PRODUCT  
PLEASE CONTACT US!***