

**GWYN
LEWIS 4x4
PRODUCTS®**

*Using 300tdi style Alternator with Larger 65mm Pulley
YLE10113 12V 100amp*





Remove engine cover and cooling fan shroud.

Remove fan belt idler pulley and fan belt.

***NOTE* Make sure you take note of the fan belt layout at this point.**

You can remove the cooling fan if required, it will make removing and refitting the fan belt easier.

The cooling fan nut is a Right Hand thread.

The water hose can be left in place to fit Alternator mount and Alternator.



You will need to grind this part to get the alternator to sit as low as possible, this will give more room for the water hose above the alternator.

(See picture 8 in these instructions, that shows the clearance given to the alternator by grinding this area)



Grind off like this to 45 degree angle but not too deep.

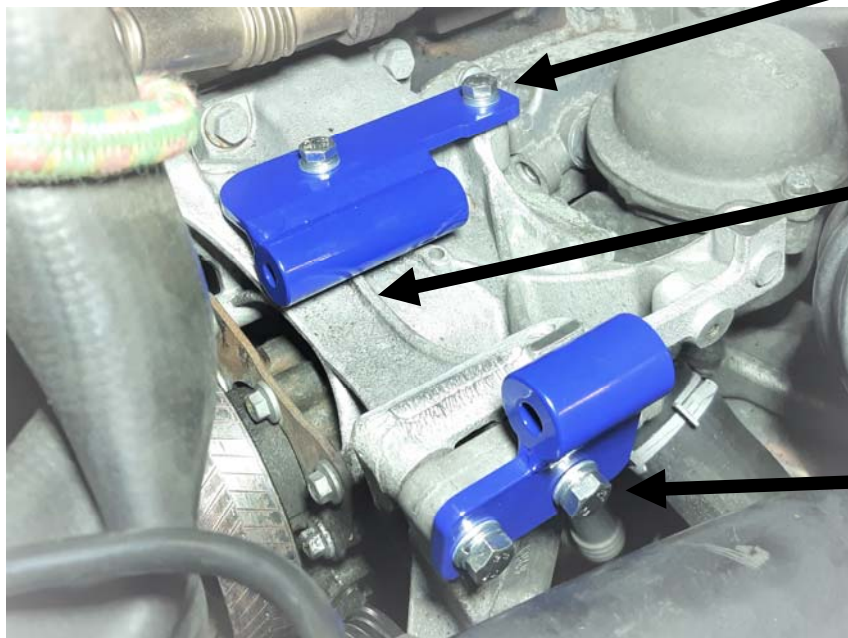
(See picture 8 in these instructions, that shows the clearance given to the alternator by grinding this area)

Fit both Alternator base plates using the bolts provided.

2 x M8x30 Bolts

2 x M8 Spring Washers

2 x M8 Flat Washers



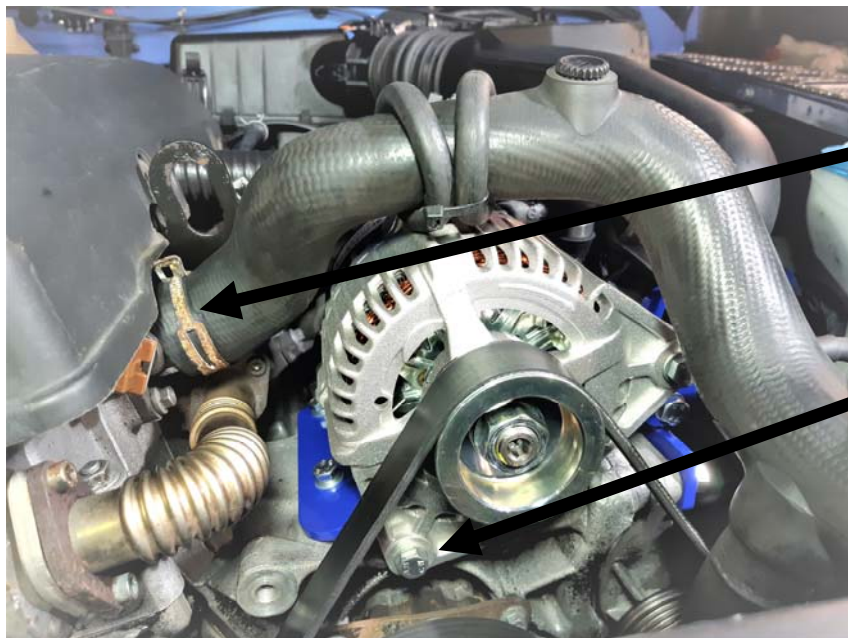
If the base plate sits on this webbing you may have to grind some off to make sure there is clearance under the base plate.

Remove original bolts and fit mounting with the longer bolts provided.

2 x M8x45 Bolts

2 x M8 Spring Washers

2 x M8 Flat Washer



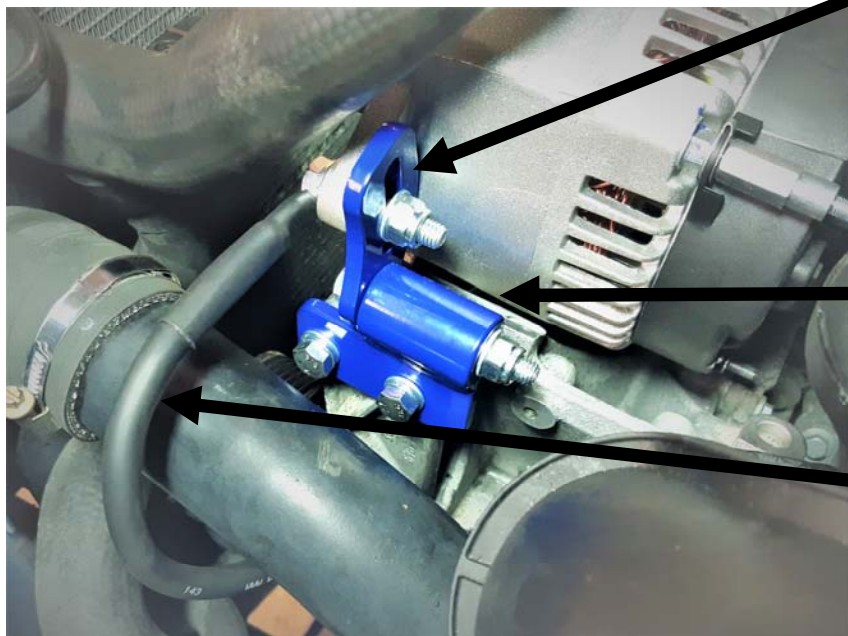
You may need to slacken this hose clip to raise or adjust the water hose so that it sits better over the alternator.
(make sure the water hose remains fully secured on)

Fit alternator to base plate using one M8x130 bolt, two washers and one lock nut.

Fit the top of the alternator adjuster to the alternator using one M8x40 bolt, two flat washers and one lock nut.
Fit the bottom of the adjuster to base plate using one M8x65 bolt, two flat washers and one lock nut.

Once the Alternator is fitted all fixing bolts can be tightened.

You can see here where you have ground to allow the alternator to sit as low as possible. (leave a slight gap)



****Earth Wire (Not Supplied with this kit)**
Fit one end to lower idler pulley mounting bolt and other end to upper adjuster bolt.



You may need to slacken this hose clip to raise or adjust the water hose so that it sits better over the alternator. (make sure the water hose remains fully secured on)



The water hose runs very close to the alternator. Fit three rubber hoses as in the pictures, this is to prevent the alternator body rubbing through the water hose.

We supply an extra length of rubber hose, depending on the alternator used its body shape could be different to the one pictured so you may have another rub point to protect.



If this pipe for the intercooler touches the mount you can loosen these two hose clips and turn the pipe to give you the clearance you need.



Re fit Engine cover.

The cooling fan shroud needs cutting to fit over the alternator pulley as seen in picture.

A colour PDF version of these fitting instructions can be downloaded from our website:
www.gwynlewis4x4.co.uk