

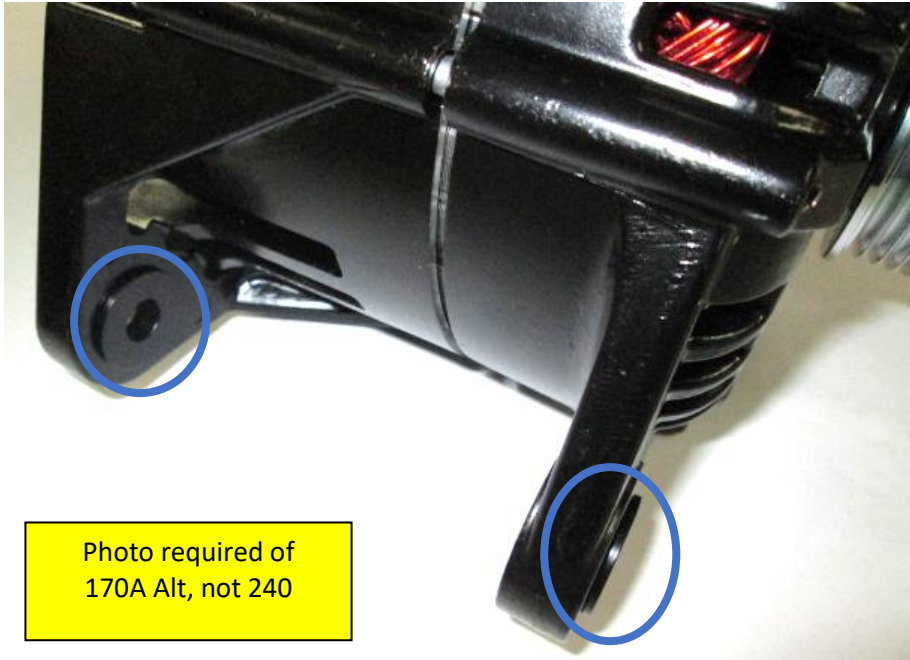
170A Alt Upgrade Kit No Pulley

Part No. RDG702B61

Kit contents:

Part	Part No	Qty	Description
1	RDG1067476	2	110A Alternator Bracket
2	RDG1532	5	M10 x 35 Hex Head Screw BZP
3	RDG2106	6	M10 "T" Type (Half) Nylock Nut SS
4	RDG628	8	M10 flat washer Form A SS
5	RDG3940	1	M10 x 50 Hex Head Bolt BZP
6	RDG5373	1	M10 x 55 Hex Head Bolt BZP
7	RDG201A29	1	Alt 12V 170A Earth Return
8	RDG0047498	1	1080 PK6 Multi Rib Belt
9	RDG106B9	1	Spacer 27 OD x 22.2 ID x 15 L
10	RDG4019723	1	Shire 240A Alternator Bracket
11	RDG5731	1	Spacer 20 OD x 10.5 ID x 8mm Long
12	RDG5027469	1	Shire06 65 Adjuster Block Shire
13	RDG5755	1	3.5/7 KW Alt Adj. Block Shire
14	RDG5771	1	M10 x 100 Hex Head Screw SS
15	RDG1111	5	M10 Spring Washer SS
16	RDG1017636	1	M10 x 45 Hex Head Screw BZP
17	RDG1552	1	M10 x 20 Hex Head Screw BZP

- Fit the Top Hat Spacers (RDG1067476 x 2) to the 170A Alternator (RDG201A29 x 1).



- Fit the 170A Alternator assembly to the Alternator Bracket securing with M10 Nyloc Nuts (RDG2106 x 2), M10 Flat Washers (RDG628 x 4), M10 x 50 Hex Head Bolt (RDG3940 x 1) and M10 x 55 Hex Head Bolt (RDG5373 x 1). The spare washers can be used to space out the alternator if required. **NOTE: Don't tighten the screws at this stage.**

M10 x 55 Hex Head Screw

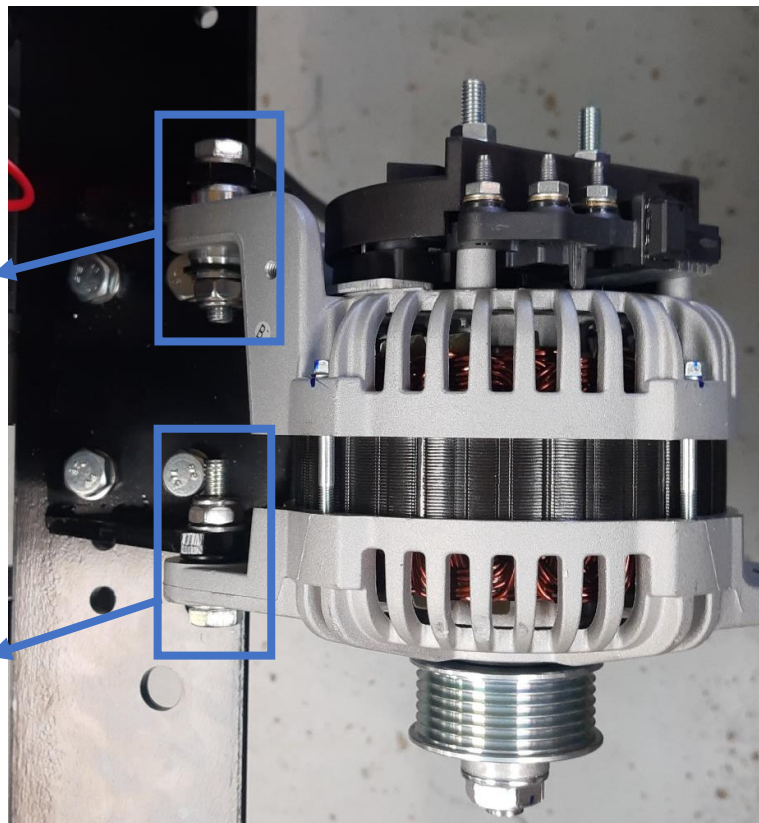
M10 Flat Washers (x2)

M10 Nyloc Nut

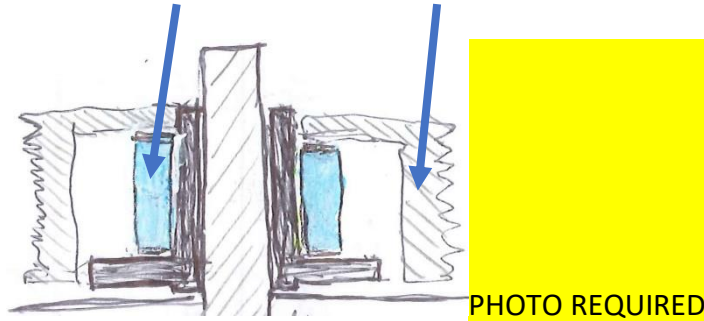
M10 Nyloc Nut

M10 Flat Washers (x2)

M10 x 50 Hex Head Screw



- Fit the 15mm long Spacer (RDG106B9) inside the Pulley on the alternator shaft.



- The Brown/Yellow wire off the loom is connected to the L terminal on the Alternator.



- Use the Belt (RDG0047498 x 1) to help line up the alternator. The Alternator Bracket may need adjustment to help with this. Once the Alternator is lined up correctly tighten up **ALL** the screws fitted on this Special Instruction. **NOTE: Remove the belt after the Alternator has been lined up.**
- The Alternator Belt Warning Label (RDG60210229 x 1) is fitted when the engine is being packed.
- When packing the alternator belt, ensure it is attached out the way the attached belt for the smaller alternator.

Amendments to Special Instructions			
Issue	Date	Amendments Made	Made By
2	24/08/2022	1) Photos of 170A, not 240A used where possible. 2) Added instructions for spare washers 3) Added spacer RDG106B9 x1 4) Added instructions for wiring. 5) Travel Power Kits has been renamed to E Kits.	F.Myers