



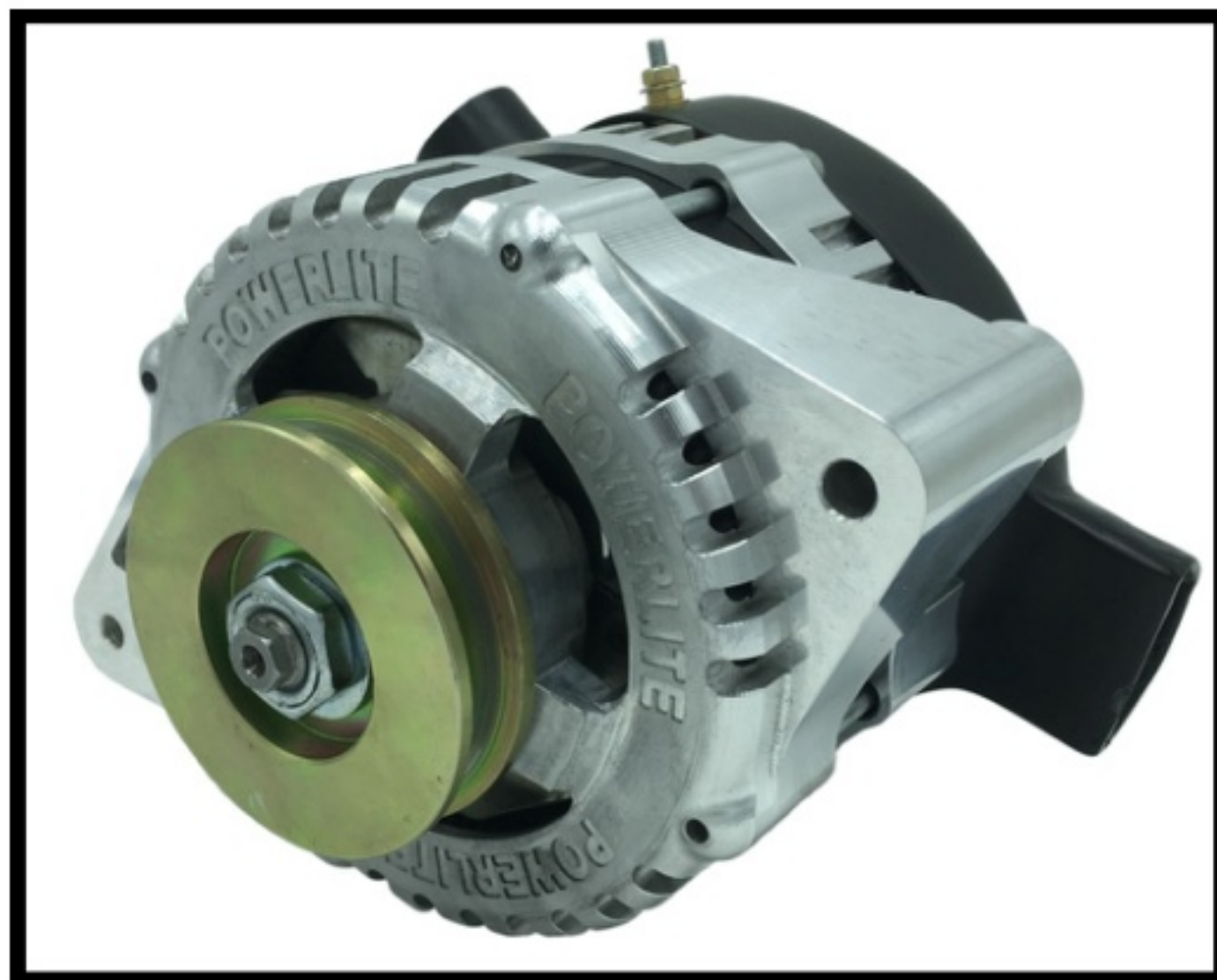
POWERLITE FITTING INSTRUCTIONS

RAC680 - PORSCHE 914

160 AMP ALTERNATOR & FITTING KIT

IMPORTANT

CAREFULLY READ ALL INSTRUCTIONS
BEFORE FITTING THE UNIT.



RAC680 - PORSCHE 914

160 AMP ALTERNATOR & FITTING KIT

CONTENTS LIST

- 1 160 AMP ALTERNATOR WITH SINGLE V PULLEY
- 1 ALTERNATOR FAN BELT
- 1 RED BATTERY POSITIVE (B+) CABLE
- 1 BLUE WARNING LIGHT (D+) CABLE
- 5 CABLE TIES



FITTING NEW ALTERNATOR

1. Disconnect the battery.
2. Remove the cowlings to gain access to the alternator and fan belt.
3. Disconnect all cables connected to the original alternator then remove the original alternator and fan belt.

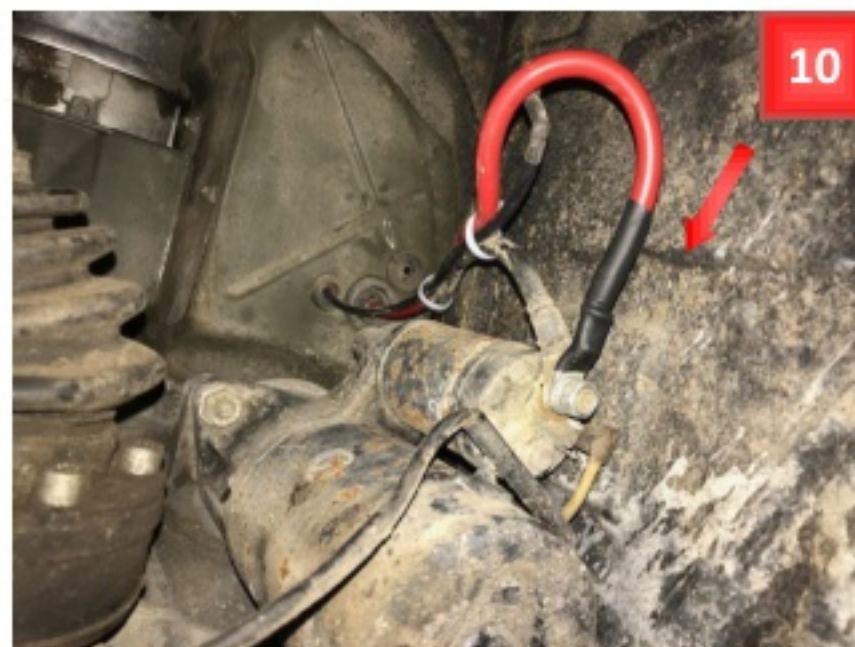


4. Inspect the rubber cooling pipe for any damage/splits. If any damage is present we recommend replacing the component.
5. Loosen the Alternator adjuster bracket on the block.
6. Fit the new RAC680 alternator and fan belt provided ensuring to reconnect the rubber cooling pipe and check all mounting bolts have been tightened securely including the adjuster bracket.
7. Refit the cowlings and ensure all bolts have been tightened securely.

8. Replace the original battery positive (B+) cable with the new red battery positive (B+) cable provided. Make sure to follow the original cable path through the inside of the engine bay via the rubber grommets.
9. Inspect the rubber grommets for any damage/splits. If any damage is present we recommend replacing the component.



10. Connect the new red battery positive (B+) cable to the battery positive (B+) terminal on the starter motor and the battery positive (B+) terminal on the new RAC680 alternator.
11. Connect the ring terminal end of the new blue warning light (D+) cable provided to the M4 bolt on the new RAC680 Alternator ensuring not to over tighten.
12. Connect the spade end of the new blue warning light (D+) cable to the existing 3 pin plug. Connect this to the terminal that has the red wire coming out the rear of the plug.
13. Where necessary, secure all new cables with the cables ties provided.
14. Reconnect the battery.
15. Turn the ignition on and check the battery warning light illuminates.
16. Start the vehicle and check the battery warning light goes out. Test with a multimeter to ensure the alternator charges correctly.



POWERLITE

Moor Street, Brierley Hill, Dudley, West Midlands,
DY5 3SU, ENGLAND

www.powerlite-units.com