



STARTERS

RAC400 FITTING INSTRUCTIONS

IMPORTANT

CAREFULLY READ ALL INSTRUCTIONS
BEFORE FITTING THE UNIT.



Proudly made in the UK

www.powerlite-units.com



IMPORTANT NOTICE



Always disconnect the battery before undertaking electrical work!

Thank you for buying this Powerlite Starter Motor!

ABOUT:

This is a High Torque Gear Reduction Starter Motor. It is a pre-engaged design, with an internal solenoid, high speed motor and a steel gearbox.

Extra torque is generated via the steel gears, producing extra power to turn your engine over. The starter draws less current when starting, and will turn the engine over faster than the starter originally fitted.

Each Powerlite unit has been designed, tested and built by us here at Powerlite.

REPLACING PRE-ENGAGED UNITS:

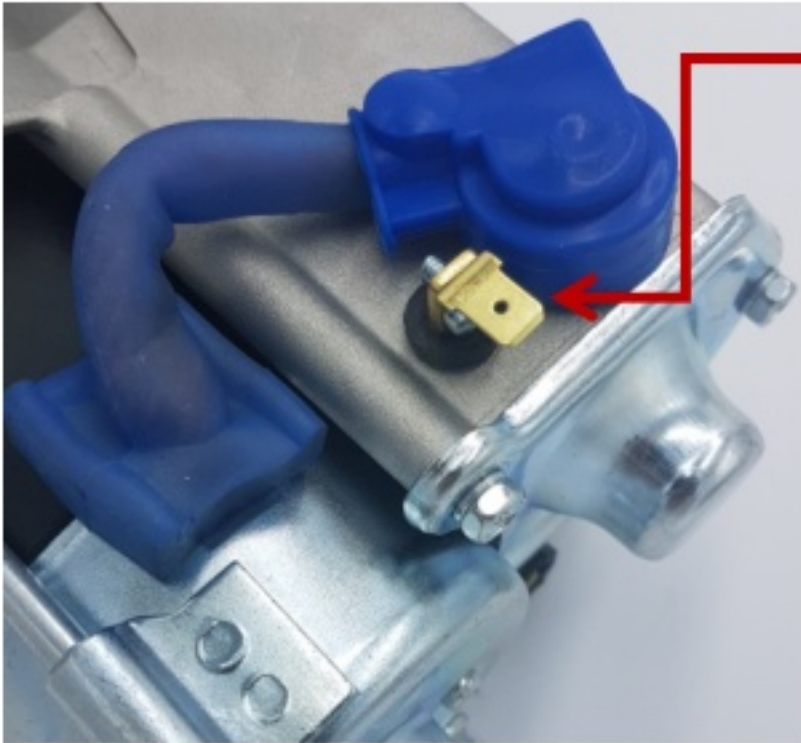
All pre-engaged starter motors have an integrated solenoid with a main battery power feed and separate trigger wire.

1. Remove all wiring from original unit.
2. Fit the Powerlite unit to the car.
3. Fit the main power feed to the stud terminal. Do not over tighten.
4. Fit the solenoid trigger wire to the spade terminal taking care that it is pushed fully into position.

COLD START:

The original Triumph Stag starter motor had an additional wire from the starter / solenoid to the coil to give a voltage boost to assist in starting in cold or adverse conditions. This is normally not required with High Torque Starters and can be disconnected.

If however, the starter motor cranks but fails to start then it may be necessary to connect the cold start terminal as per the diagram on the next page.



Cold start terminal

Connect the cold start wire to this terminal. This terminal is only live when cranking, thus feeding power to the coil under cranking conditions.

GUARANTEE:

We are so confident in our units that each one comes with a **THREE YEAR WARRANTY.**

In the unlikely event that this unit should fail, please return it to us for inspection and if it is covered under warranty, rest assured we will repair it or replace it Free Of Charge. Please see our Warranty Policy on our website.

**These instructions are for guidance only —
if in doubt, please contact us
directly or consult a qualified
auto electrician.**

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T: 00(44) 1384 261984



Also available
from

Powerlite:



**HIGH TORQUE
STARTERS**



**HIGH TORQUE
SLIMLINE STARTERS**



**HIGH TORQUE
MicroStart STARTERS**



**DYNALITE
ALTERNATORS**



**LIGHTWEIGHT
ALTERNATORS**



**Life LITHIUM ION
BATTERIES**



**ACCESSORY
RANGE**



**THERMAL
HEAT SHIELDS**

If you have any questions at all
about our products and fitting,
please don't hesitate
to contact us.

PLEASE SEE OUR WEBSITE FOR THESE AND MORE

www.powerlite.com

Proudly made in the UK

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