



STARTERS

RAC403 FITTING INSTRUCTIONS

IMPORTANT

CAREFULLY READ ALL INSTRUCTIONS
BEFORE FITTING THE UNIT.



Proudly made in the UK

www.powerlite-units.com

IMPORTANT NOTICE



affecting the warranty of this
Powerlite Starter Motor



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.

RAC403 TO REPLACE AN INERTIA UNIT:

This application was originally fitted with an inertia starter. The vehicle will have a separate bulkhead mounted solenoid and a single heavy power cable connecting this to the starter. **This must be used for this application.**

1. Disconnect the power cable and remove the old unit.
2. Fit the Powerlite unit to the car.
3. Connect the main power wire from the battery to the starter stud terminal – do not over tighten.
4. The original bulkhead mounted solenoid is still operative.

IMPORTANT NOTICE



**Always disconnect the battery before
undertaking electrical work!**



COLD START:

Some cars (mostly with 12V coils) 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 wire with a large diode. Please see our part number RAC901.

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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