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HIGH PERFORMANCE STARTER MOTOR (GXE4418COMP) FITTING INSTRUCTIONS

The high performance starter motor is a pre-engaged type with a solenoid as part of its main body.

Electrical Fittings

The starter motor is supplied with a main power feed connection (A) which is the large screw fitting on the solenoid part of the starter. Take care not to over-tighten this nut. Over-tightening can twist the internal solenoid contact, severely reducing the efficiency of the unit.

Fitting as replacement for pre-engaged starter motors:

Most pre-engaged starter motors have main power feed connection and a solenoid trigger connection.

1. Remove all wiring from the original starter motors and remove the unit from the car.
2. Before fitting the starter, remove the link wire (C) from between terminals (A) and (B)
3. Fit the starter motor to the car.
4. Fit the main power cable to terminal (A), take care not to over-tighten this nut. Over-tightening can twist the internal solenoid contact, severely reducing the efficiency of the unit.
5. Fit the solenoid trigger wire to the spade terminal.

Fitting as replacement for inertia starter motors:

Most cars originally fitted with inertia starter motors have a separate bulkhead mounted solenoid and a single heavy power cable connecting this to the starter motor.

1. Remove the main power cable from your existing starter motor and remove the old starter motor from the car.
2. Replace with the new unit and connect the main power cable to the connection (A), take care not to over-tighten this nut, over-tightening can twist the internal solenoid contact, severely reducing the efficiency of the unit. Leave the link wire (C) in place and make sure the connection to (B) is pushed fully into position.

This means the original bulkhead mounted solenoid is still operative.

Note: it is also possible to re-wire your vehicle, re-routing and extending the existing solenoid wiring directly to the starter and dispensing with the original solenoid. Consult a qualified auto-electrician if you are uncertain of attempting this.

