



Up-rated Starter Motor Fitting Instructions

The Up-rated starter is a straightforward replacement for your old unit, however; you may need to make a slight change to the wiring.

First the type of motor that the car was fitted with originally needs to be determined.

There are two types,

- The Inertia: a cylindrical motor with one electrical connection to it.
- The Pre-engaged: These have a solenoid usually on top of the main body and have more than one electrical connection.



Inertia starter motor



Pre-engaged starter motor

If you have an inertia starter fitted.

1. You need to check that there is a wire link between the two connections on the hi-torque starter motor.
2. The original feed wire that you have removed from the old starter should be fitted to the large stud terminal. You may need to enlarge the hole in the crimp terminal to fit the stud or a new crimp of the correct size can be fitted to the cable.
3. The installation is now complete.

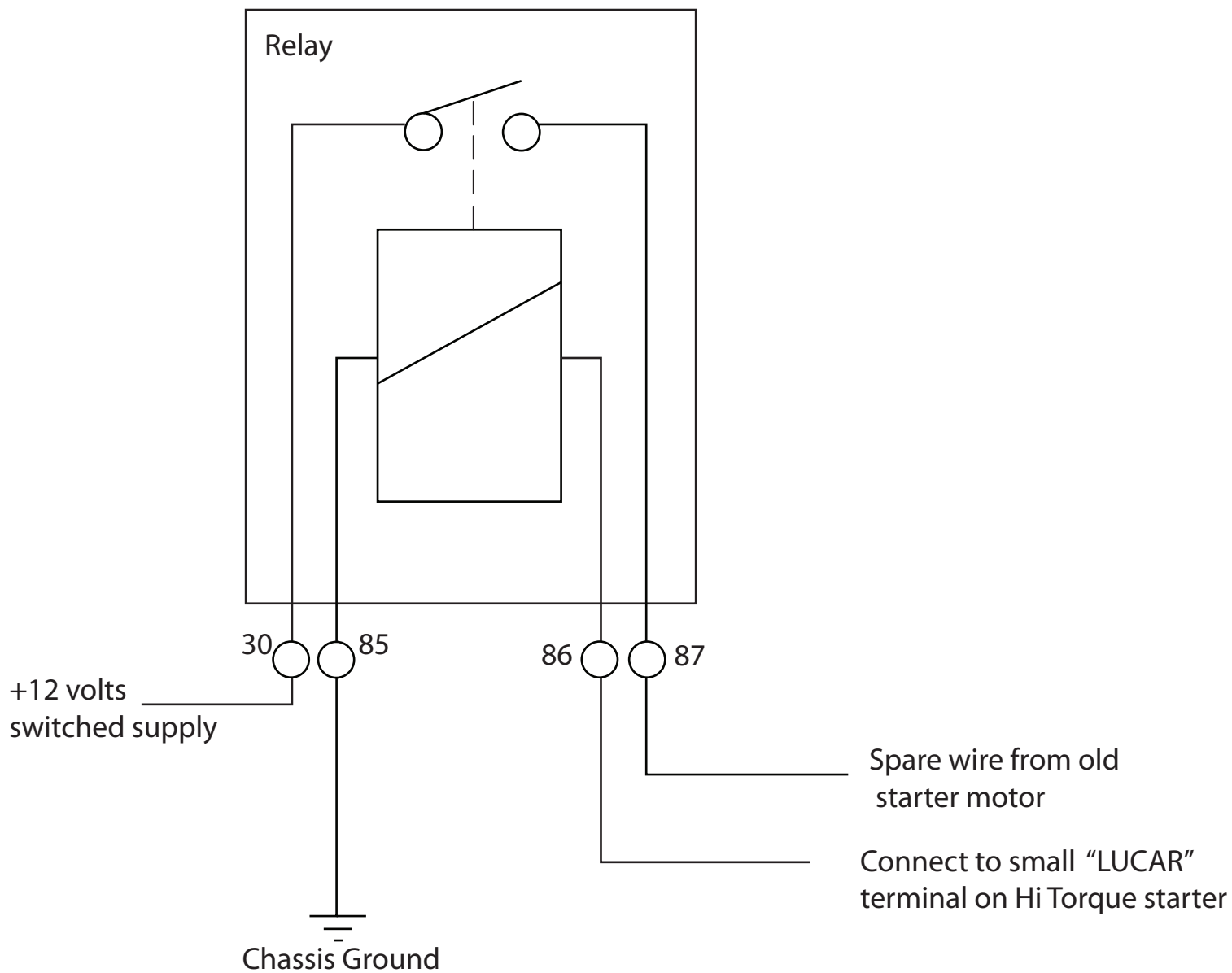
If you have a pre-engaged starter fitted.

1. You need to fit the heaviest cable to the stud terminal.
2. There will now be one or two leads left, if there is one spare lead; this should be fitted to the small 0.25" spade terminal that is normally shrouded by a plastic housing.
3. If you have two spare wires then the one to fit to the 0.25" spade terminal is normally brown.
4. The third wire (if fitted) is the feed to the ignition coil for the ballast ignition and is usually white with a coloured trace. The colour can vary from model to model and should be insulated and taped out of the way.
5. Now try and start the car, if it fires when spinning over but cuts out when the key is returned then the insulated wire needs to be connected to the 0.25" spade terminal via a relay as shown in the following diagram.
6. Any changeover automotive relay can be used for this purpose but you must make sure that it is mounted in a protective position away from water splash or spray.

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