The Starter Motor Lucas M35G IL31.12 Volt.

The B95 and B105 have this as standard.
This is an Inertia Starter with Counter Clockwise rotation

Lucas made at least 4 versions of the M35 Inertia starter.

Counter Clock wise or Anti Clock for Jowett Javelin and Berkeley

Clock wise arrangements for the rest.

Most innards will interchange.

Lucas made a Pre engaged version (has a separate kicker coil) for the SL140 Triumph 1300 Triumph Pony Anti clock starter. Some have found there way on to Berkeley's. By swapping the front end plate over.

That said parts for early starters of both types can be difficult nowadays.

I looked for an alternative a while ago and found the most common and latest Lucas starter type is M35J , as fitted to the Mini , but is clockwise a M35J 25238A.

This starter has the com and brush gear on the end of the armature, not on the side as in the M35 G.

By altering the brush connections on the back you can make it run anti clock.

All that is needed is the correct Anti Clock Bendix (BEC should still have)

I found an Italian company some years ago who still make the correct Bendix gear's for these, I bought some and arranged some for BEC Spares,



Clock and Anti Clock Bendix Gear – WORMS.

The built up one is what we need for Berkeley Cars

To convert one of the latest Lucas clockwise M35J 25238A, starters as fitted to the Mini, to Anti clock Cost me £120 delivered to the door, perhaps 18 months ago. You will in addition have to provide the Bendix WORM from BEC.

From Phoenix Marine Electrics .It will, for the purest be stamped and numbered wrong -- but will fit and work.



Converted M35J.

Alternatives.

The original Lucas 35G anti clock starter is as you know when fitted is within 1/2 inch of the engine top mounting tube
so for any alternative version, the starter's Outside Diameter is important dimension to find out.
Same goes for length-- original Lucas 35G Battery terminal studs are only approx 1 Inch from the engine bay wall.
So any alternative version, the starter's length when fitted is important to find out.
I did this with a company LYNXAE four years ago -- they offered a part no LMS295 a Denso high torque starter. But never did try it, not happy with the dimensions.

Alan Waring has bitten the bullet and gone for another modern version that works well,

POWERLIGHT RAC 475 070144.

