

This page describes how to fit an alternator other than the standard Hitachi brand as fitted to most Yamnar engines.

In order to achieve this task an additional bracket is required to be made up out of threaded bolt stock.

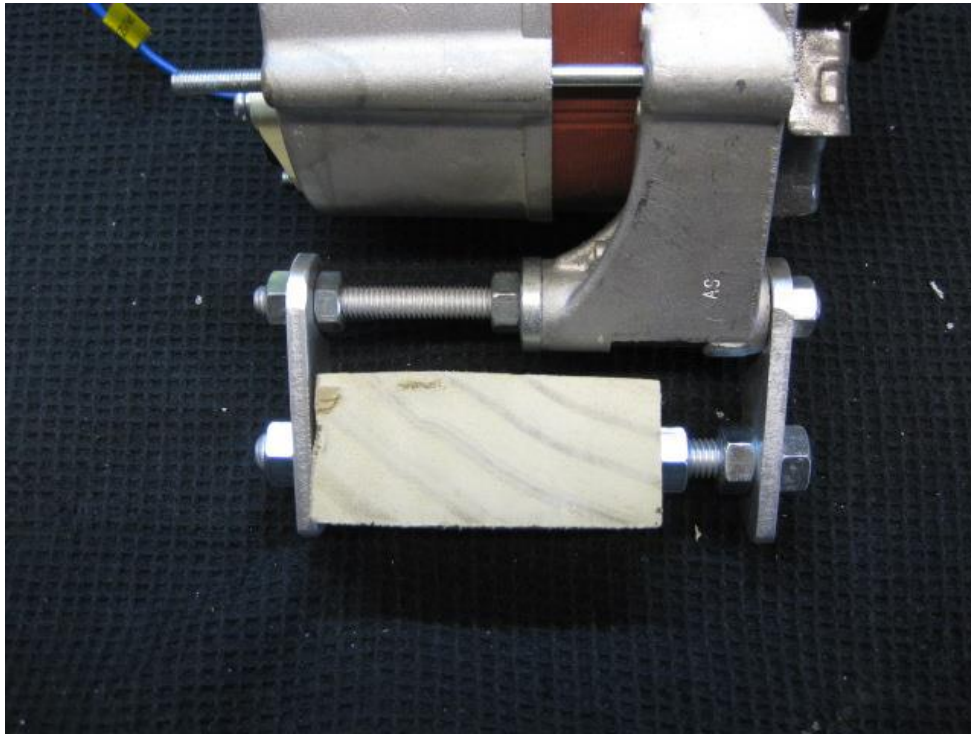
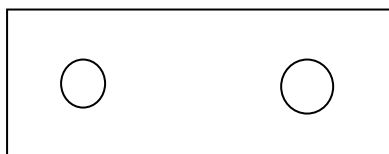


Photo 1: shows completed bracket.

The block of wood shows the engine mount location which is 80mm wide.

You can see that the alternator can now be moved fore and aft to align the belt drive correctly.

43mm from front of mount to centre of pulley seems to suit most installations.



Bracket is 60mm long and 25mm wide x 6mm thickness.

Holes are spaced 35mm apart and 8mm and 10mm diameter

130mm x 8mm threaded shaft

137mm x 10mm threaded shaft



Photo 2: shows a Bosch 120 amp alternator running on a Yamnar 4jh3e engine

We carry the brackets in stock as this is a popular modification

Plug connection on existing plug:

Red/black – Tacho, put to W on Bosch alternator

Blue / Black – Ignition light – put to D+ on Bosch alternator.