

WARNING: During installation, it is recommended that you disconnect the vehicle battery. When disconnecting the cables, always remove the Negative cable first and install it last. ShiftKits Australia will not be held liable or responsible for any damage or consequences that may result directly or indirectly from performing this modification.

Items required

- Inline blade fuse holder Altronics P/N: S6036 or similar
- Male spade terminals Altronics P/N: H2021A or similar
- 1N5822 Schottky Diode Altronics P/N: Z0042 or similar
- Soldering Iron, Solder, Insulation Tape, Multimeter

1. Locate and remove the air filter / air box to access the alternator wiring harness.
2. Cut the black alternator sensing wire and cut and install an inline blade fuse holder



3. Prepare the diode and spade terminals to fit the blade fuse holder, Solder the diode into the spade terminals, however ensure you don't overheat the diode



4. Insert the diode into the fuse holder, being sure to put the banded side to the wire leading to the alternator



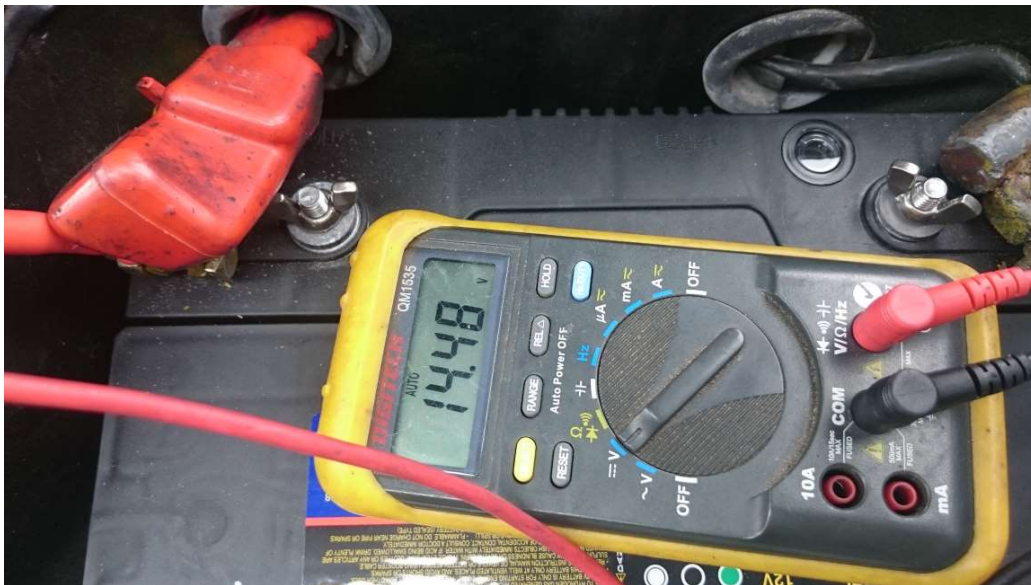
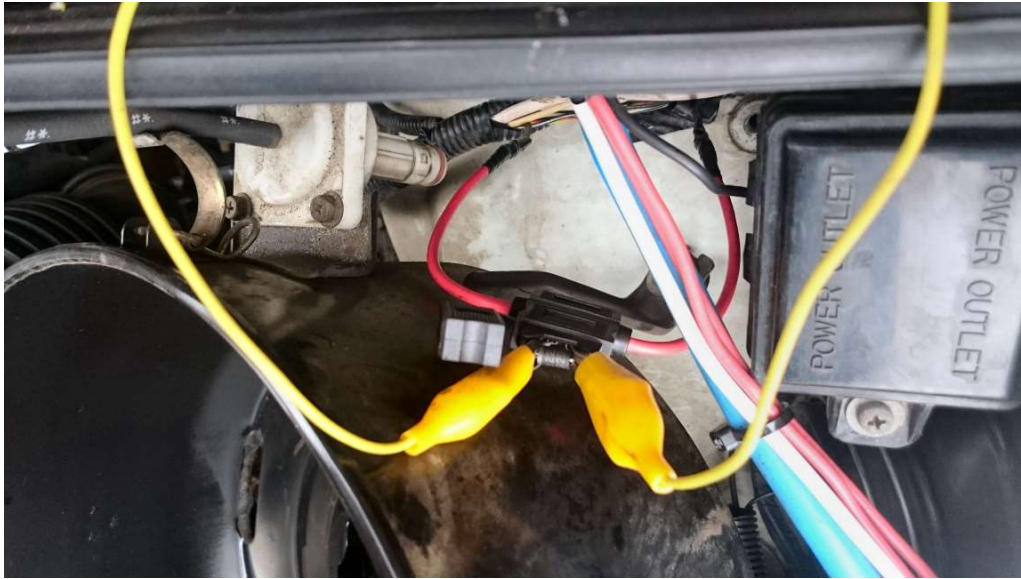
5. Be sure to insulate the connections adequately



6. Start the vehicle and check the charge voltage



7. To check the difference between the charge rate with and without the diode, you can temporarily jumper the diode which will revert back to the std charge rate



8. If a higher charge voltage is needed, you can replace the 1N5822 diode with a 1N5404 diode which has a slightly higher forward voltage
9. If the diode fails for any reason, or you want to revert back to the standard charge rate, remove the diode from the fuse holder and replace with a 5A blade fuse.