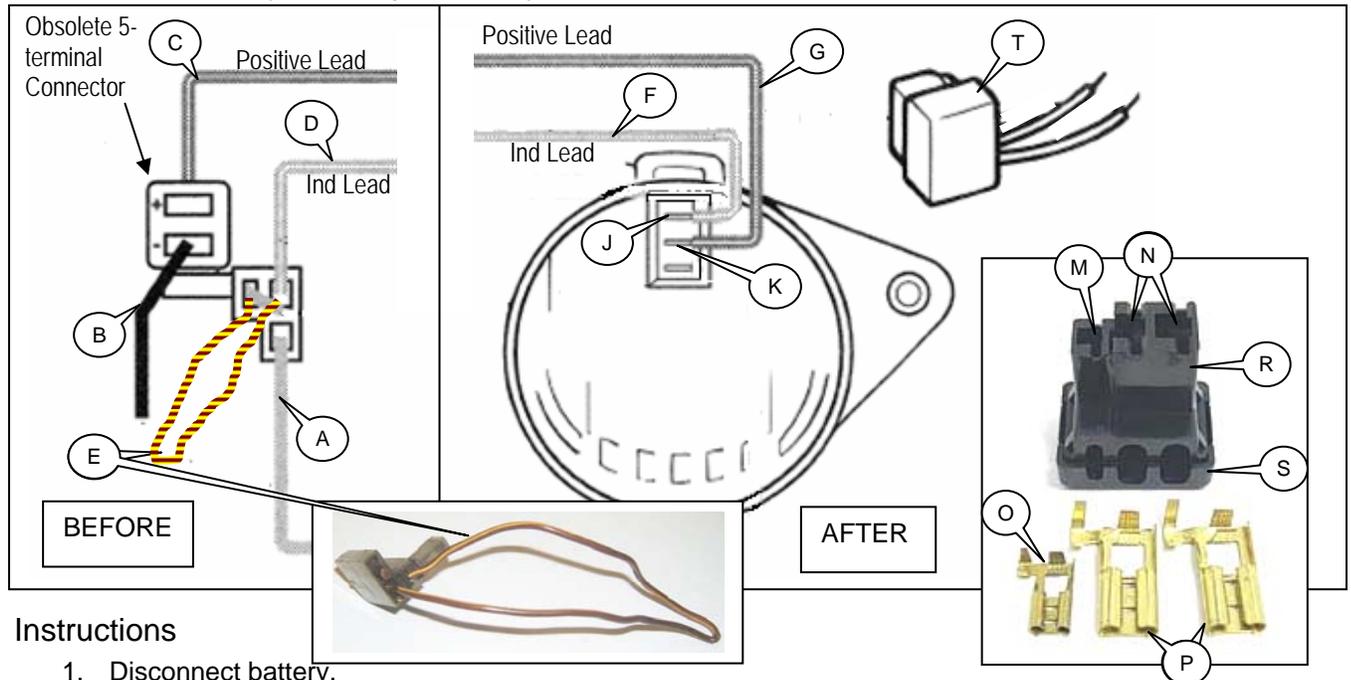


Supplemental Information & Instructions for 540-280 (GEU250) Alternator Plug Kit

Many MGB's and TR6's with internally regulated alternators are wired for two plugs with a total of five electrical terminals. The five-terminal alternator design has been obsolete for years, and the alternators available for these applications have a single plug with three terminals. The following wiring instructions, based on information provided by Lucas, explain how to make the conversion.



Instructions

1. Disconnect battery.
2. Cut/peel back enough of the wiring harness tape to expose the end of the link wire loop (E).
3. Remove and discard the link wire (E).
4. Cut the alternator wires (A,B,C,D) as close to the original 5-Terminal Connectors as possible.
5. The black wire (B) is no longer used. Fold it back into the harness and wrap with tape.
6. Locate the (A) wire, which is Brown in MGB, and Brown-Green in TR6. It is also no longer used. Fold it back into the harness separately and wrap with tape, making sure the exposed ends of both the A & B wire are covered. *Make sure the ends of the A and B wires do not touch.*
7. The black plastic plug has two parts, the insulator (R) and the cap (S). The insulator has three slots, one small (M) and two large (N).
8. Find the Indicator lead wire (D) which is Brown-Yellow, and feed the wire through the small slot (M).
9. Strip the end of the Brown-Yellow wire and solder it to the small flag terminal (O).
10. Find the Positive lead wire (C) which is Brown in MGB and Brown-White in TR6, and feed the wire through either one of the two large slots (N).
11. Strip the end of the wire and solder it to one of the two large flag terminals (P). *The Positive Lead can connect to either of the two large spade terminals (K) on the alternator, so it does not matter which large slot you choose.*
12. Snap the cap (S) on top of the insulator (R).
13. Plug the black plastic connector (T) into the three terminal socket on the alternator. The small brown/yellow IND lead (F) should connect to the small terminal (J) on the alternator. The Positive Lead (G) should connect to either of the two large terminals (K) on the alternator.
14. Re-Connect the battery.



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