



Low Side Integral Alternator Regulator Repair Part - Professional Range

Remove the cover of the alternator. Unscrew the Phillips head screws securing the regulator module. Using a soldering iron (90 watt or over as the bracket is an effective heatsink), heat the 2 connections, and gently pry the regulator loose using a suitable tool. Clean the connection tags and alternator body where the regulator fits.

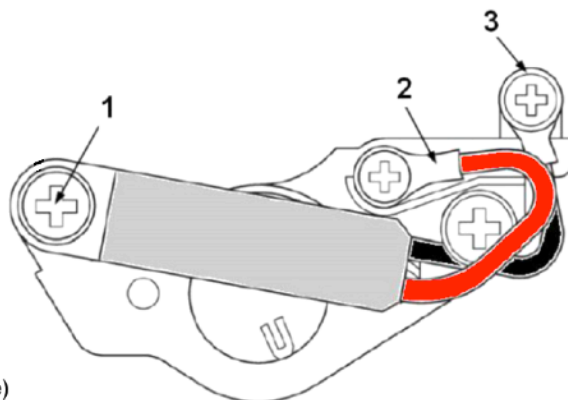
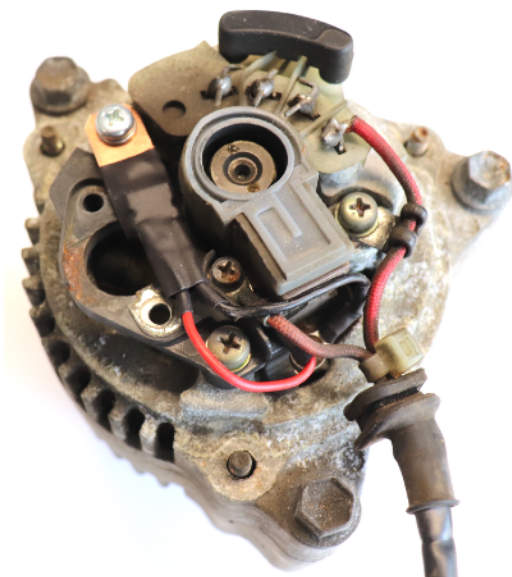


Regulator bracket. Connections 1, 2 & 3 are made to this.
See line drawing below

Install LSR12V-3 as shown, ensure the spacer is under the replacement screw(1). The mounting screw is a thermal path and —Ve connection, it is vital to ensure the mounting tag is clamped tightly for good electrical connection and heat sinking. Reuse the original mounting hardware in the other positions.

On the regulator bracket, add the red wire under the screw that makes connection with the 'live when IGN on' wire (2). Use the existing screw terminal to achieve this.

Connect the black wire to the brush block connection as shown (3). Route wires carefully to clear the cover. Reinstall alternator cover, test the system as per the machine's shop manual. If no fix suspect windings, rectifier, brush or other issue.



1. Screw (- Ve)
2. Red 12 +Ve when ign on
3. Brush Connection