

THE POWER OF

REDARC®

12 V Dual Battery Isolator & Wiring Kit

SBI12KIT



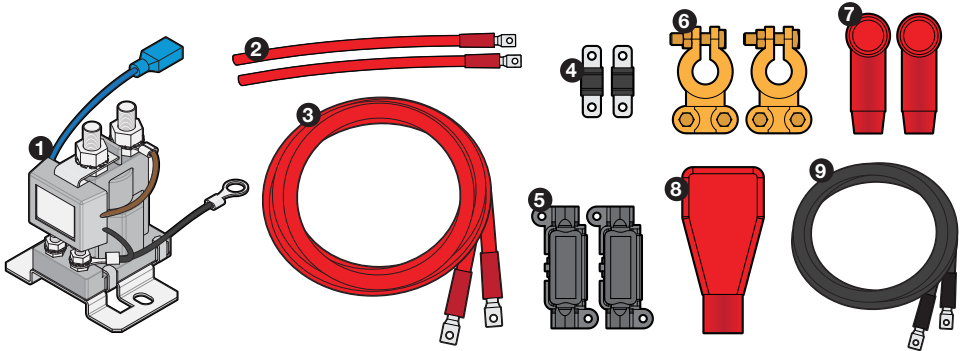
PRODUCT FUNCTION

The Smart Start Dual Battery Isolator and Wiring Kit (SBI12KIT) comes with everything required to install your Smart Start Dual Battery Isolator, including the Smart Start itself. Perfectly suited to the Do-It-Yourself installer, the SBI12KIT requires no crimping

or soldering, its just plug and play. The SBI12KIT features high quality MTA 60Amp fuses and fuse holders with the corresponding ring terminals already attached to the wires.

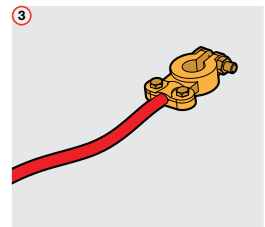
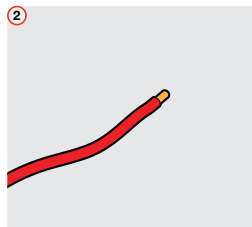
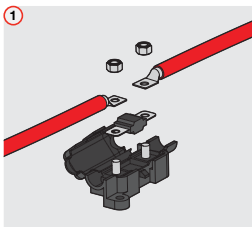
KIT CONTENTS

| Part Description | Quantity |
|---|----------|
| 1. SBI12 Battery Isolator | 1 |
| 2. 200 mm (7.9") Battery Positive Cable (red) | 2 |
| 3. 1800 mm (70.9") Battery Positive Cable (red) | 2 |
| 4. 60A Fuses | 2 |
| 5. Fuse Holders (including mounting nuts) | 2 |
| 6. Battery Terminals | 2 |
| 7. Isolator Terminal Protectors | 2 |
| 8. Battery Terminal Protector for Auxiliary Battery Positive Terminal | 1 |
| 9. 750 mm (29.5") Auxiliary Battery Ground Cable (black) | 1 |

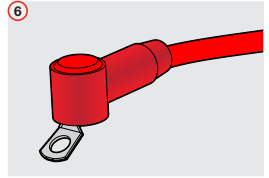
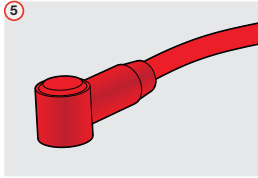
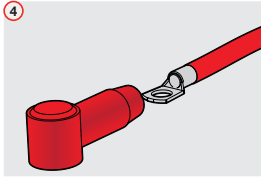


WIRING INSTRUCTIONS

- 1. REMOVE Main Battery Earth.**
- Place fuses in fuse holders and attach the red cables as shown in diagram 1.
- Connect a short red cable to one of the supplied battery terminals by stripping back the wire and inserting it into the battery terminal (as shown in diagrams 2 and 3). This terminal will attach to your auxiliary battery positive (+) terminal.



4. Remove the start battery positive (+) terminal from your start battery. Connect the other battery positive cable into the existing battery terminal from your start battery. Reconnect the existing battery terminal to your start battery positive (+) terminal.



5. Insert the crimped ends of the battery positive cables into the isolator terminal protectors provided as per diagrams 4, 5 and 6.

6. Mount the SBI Unit (7)

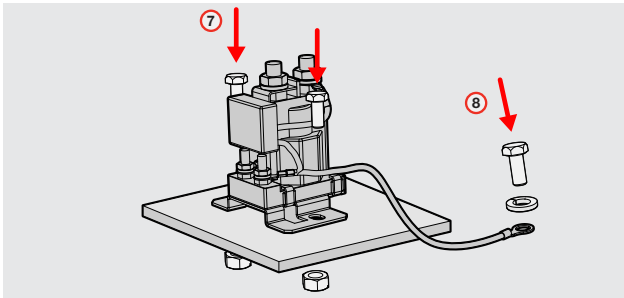
Mount in a convenient location, as shown in diagram 7. REDARC recommends connecting the SBI as close as possible to the start battery.

NOTE: Nuts, bolts and mounting plate not provided.

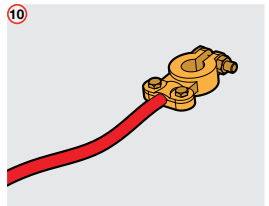
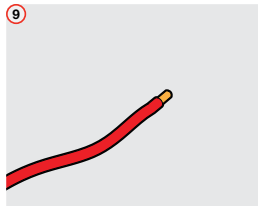
Refer to the SBI manual for further mounting instructions.

7. Attach the Earth Wire (8)

Connect the SBI ground wire to the chassis earth (8). Ensure a good connection is made and any paint has been removed from the mounting location.



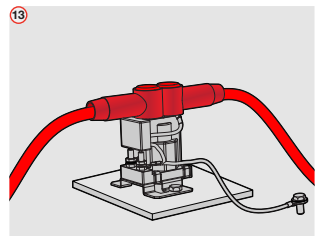
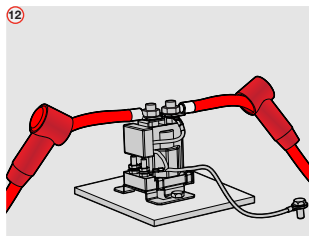
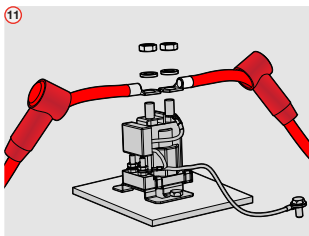
8. Connect the ground terminal of the auxiliary battery to chassis earth, using the auxiliary battery ground cable and the other battery terminal provided as per diagrams 9 and 10.



9. Wire the SBI12 as shown in diagrams 11, 12 and 13. Ensure that all connections are tight and that the provided spring

washers are used.

10.Reconnect Main Battery Earth.



LIMITED WARRANTY

For full warranty terms and conditions, visit the Warranty page of the REDARC website:
www.redarcelectronics.com/warranty

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