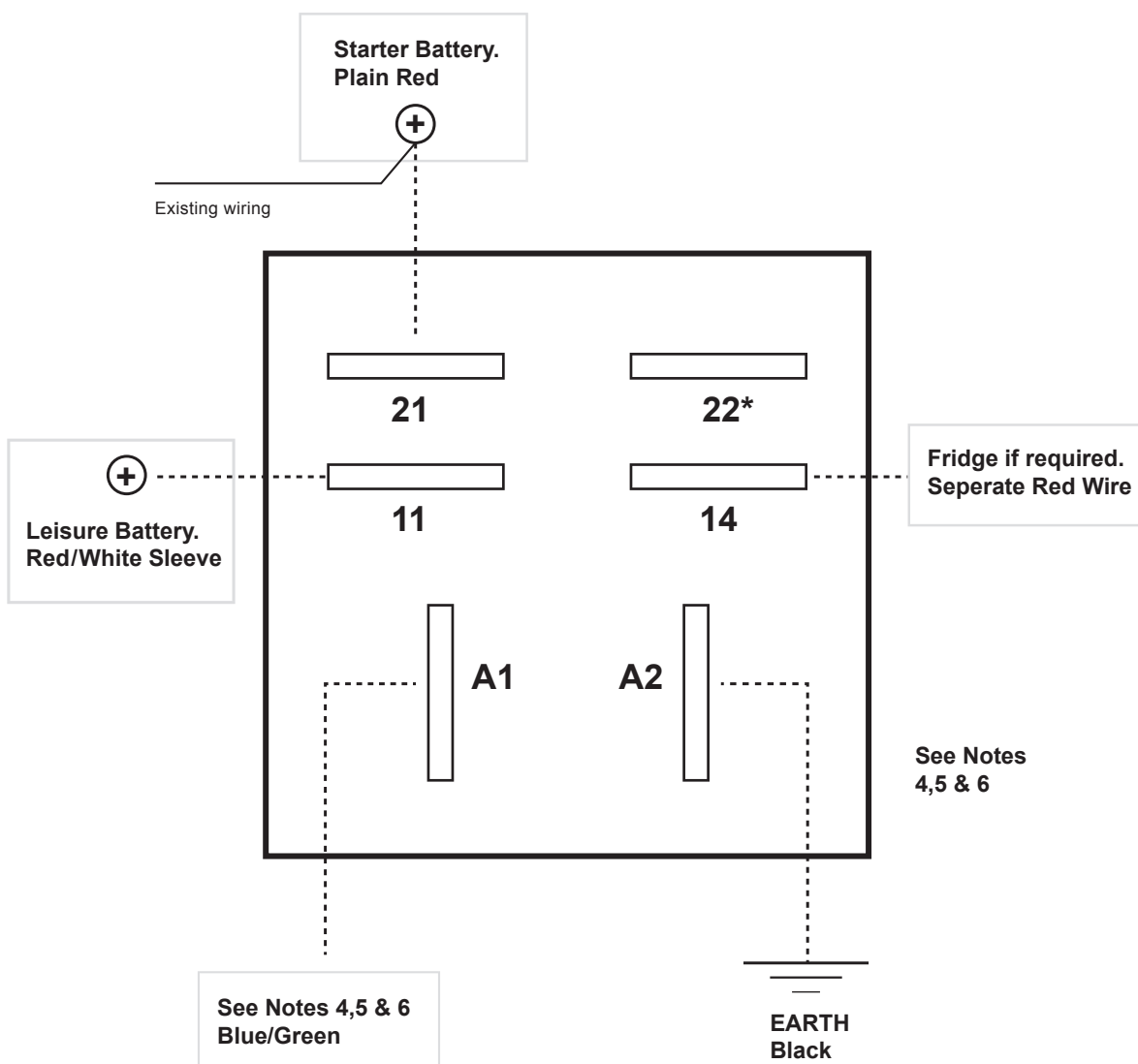


SPLIT CHARGE RELAY KIT

This kit is suitable for charging two independent batteries from a single source with an extra terminal for the refrigerator.

IF YOU ARE IN ANY DOUBT ABOUT YOUR ABILITY TO INSTALL THIS KIT SAFELY, CONTACT A PROFESSIONAL AUTO ELECTRICIAN. INCORRECT CONNECTIONS MAY DAMAGE THE KIT AND EXISTING EQUIPMENT, HIGH CURRENTS CAN EVEN CAUSE A FIRE IN YOUR ENGINE COMPARTMENT.

1. Disconnect the engine to battery earth terminal.
2. Select an area to mount the relay that is away from the risk of splashing water, normally in the engine compartment, close to the primary/starter battery.
3. Ensure your leisure battery earth is cleanly and securely connected to the body or chassis – **Do NOT** connect to the battery earth terminal yet.
4. Using the cables provided, connect the relay as shown in the diagram provided. Spare terminals can be substituted for the pre-fitted ends as you should trim the cables to length if required to give the shortest practical cable run. 'Ensure you provide a clean and secure earth to A2 with the black wire ring terminal, which should be mounted under one of the relay fixings.



5. For **DYNAMO** models. Connect to Terminal 61 on the regulator. The existing wire which goes to the charging light should be retained.
6. Alternators with **REMOTE REGULATORS**. Typically there will be a multi-way plug on the alternator
Locate the remote regulator (Some have plug connectors and some have spade terminals) and identify Terminal D, usually with Blue wires. One of these wires will lead to the dashboard charging light. You must connect to this terminal or the wire at an appropriate point. Retain the original wire.
7. Alternators with **INTERNAL REGULATORS**.
Typically with two separate wires, a large wire on Terminal B and a smaller wire on +D. Trace the smaller wire from +D and connect to it at an appropriate point. Retain the original wire.
8. When you have double checked all your connections, connect the earth terminal on the batteries in turn.

SAFETY NOTICE

When the engine is running, do NOT connect loads of more than 35 AMPS to the **LEISURE BATTERY**. This circuit is designed to charge the battery and NOT supply the load.

***If a fridge connection is required join terminal 21 to 22**