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Nova Scotia
Export Achievement
Awards 1998

1998 AWARD WINNER

Negative Ground Wiring

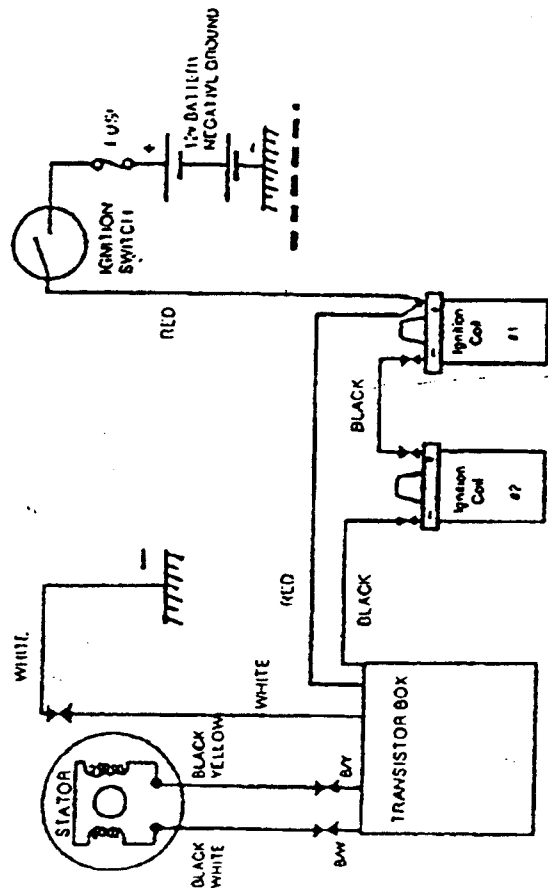
To convert from Positive to Negative Ground, the basic steps are:

1. **Ensure ignition is switched OFF!**
2. **Disconnect the leads from the battery terminals.**
3. **Disconnect the white wire coming out of the ignition unit from the ignition switch feed wire.**
4. **Disconnect the wire which connects the + terminal of the ignition coil to Ground. This wire is usually red with either a ring or a female spade terminal on the end.**
5. **Reconnect this same wire to the ignition switch feed wire, mentioned in step 2. You may first need to change the terminal connector on the end of this wire.**
6. **Connect the white wire from the ignition unit to a good Ground point on the engine or frame (or directly to the Negative battery terminal). You will probably need to change the terminal connector to a ring or female spade type.**
7. **Reconnect the battery Positive terminal to the main power feed to ignition/light switches.**
8. **Reconnect the battery Negative terminal to Ground.**
9. **Notes:**
 - **The black wire coming out of the ignition unit (or blue if a 6 volt unit), always connects to the negative terminal of the first ignition coil, whether Positive or Negative Ground**
 - **If the motorcycle is a twin with 2 coils, or a triple with 3 coils, the coils are always connected in series (Positive to Negative), whether Positive or Negative Ground**
 - **If you are using one dual output coil (for a twin), you will need to join both the positive wire and the ignition unit red wire together and connect them to the ignition switch feed wire.**

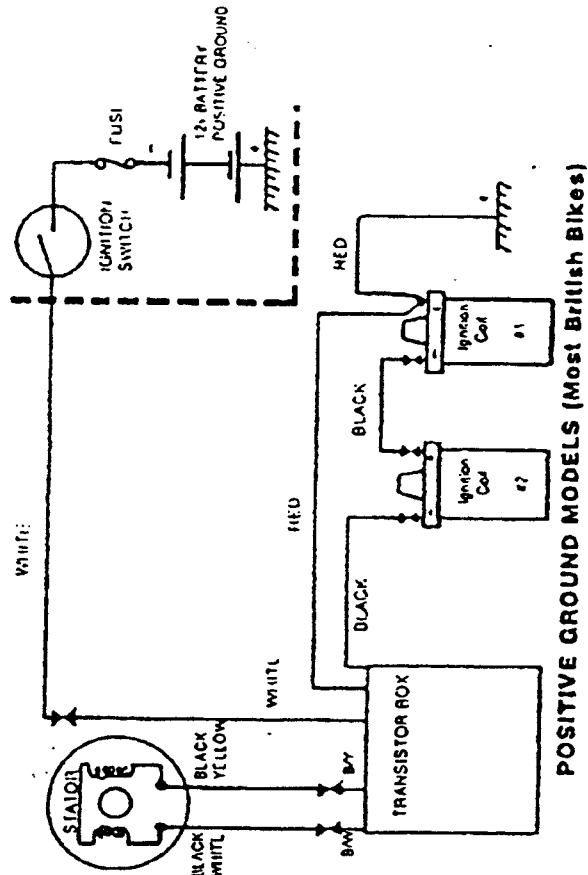
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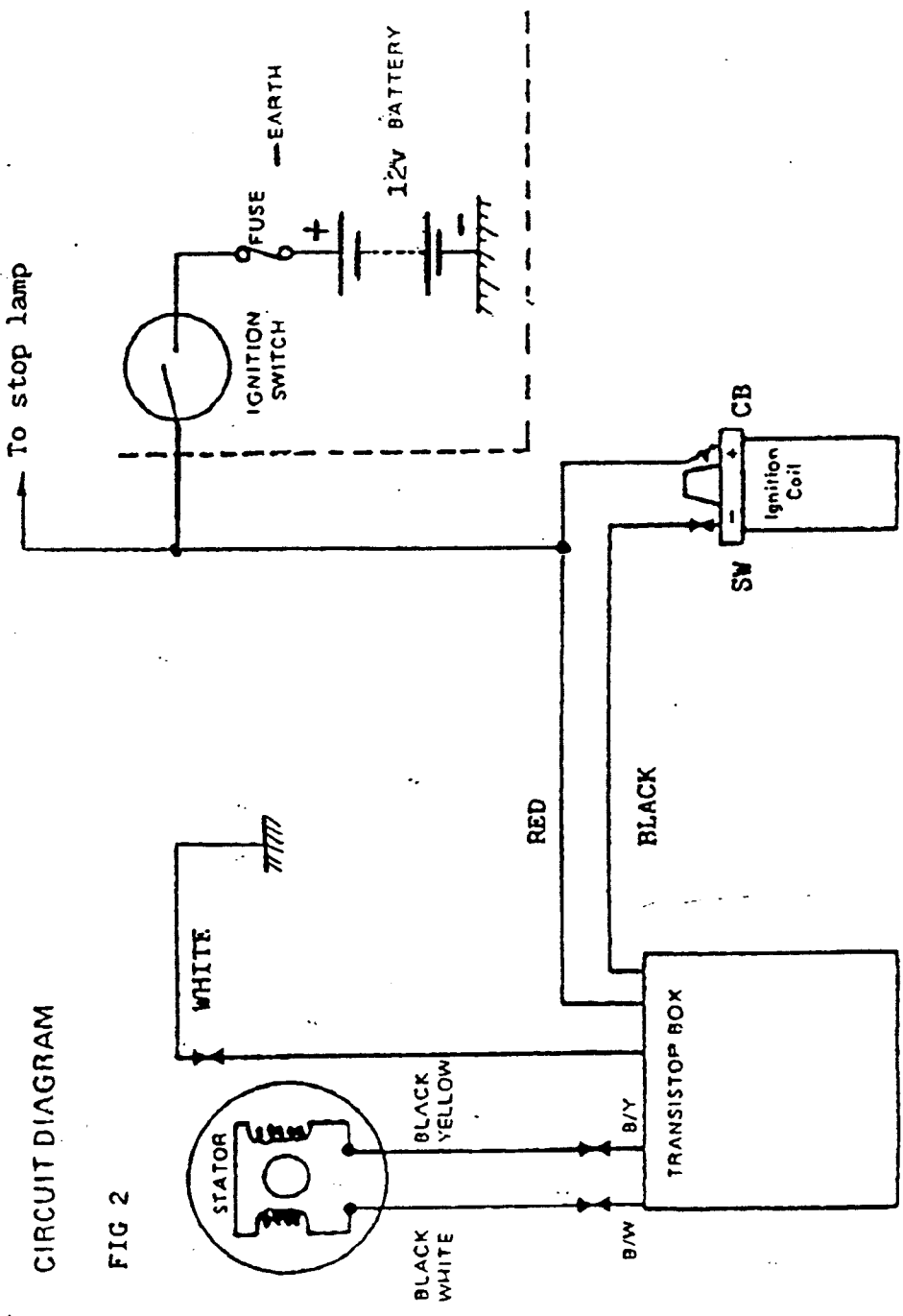
CIRCUIT DIAGRAMS



NEGATIVE GROUND MODELS (ex. 1979 & Later Triumphs)



POSITIVE GROUND MODELS (Most British Bikes)



CIRCUIT DIAGRAM

FIG 2

**NEGATIVE EARTH
WIRING**