



DC-DC QUICK CHARGER MODEL BC-5

INSTRUCTION SHEET

INTRODUCTION

You are the owner of our new product, the BC-5 Battery Charger. The Model BC-5 is specifically designed to charge the TR-2400 Transceiver Ni-Cd battery pack (eight AA cells). The BC-5 operates from a 12V car battery.

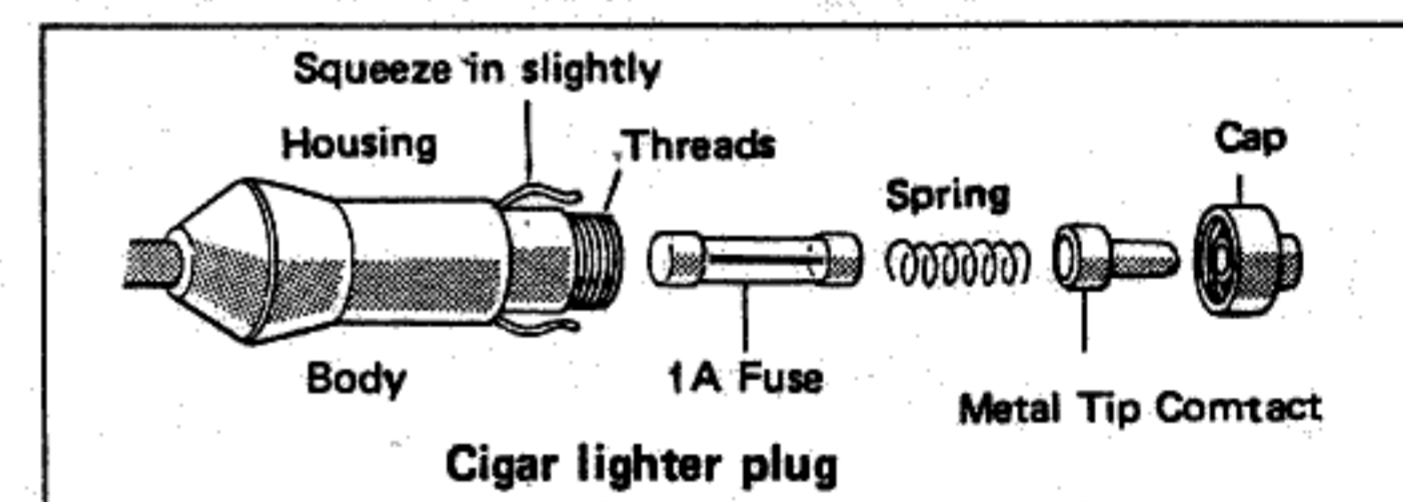
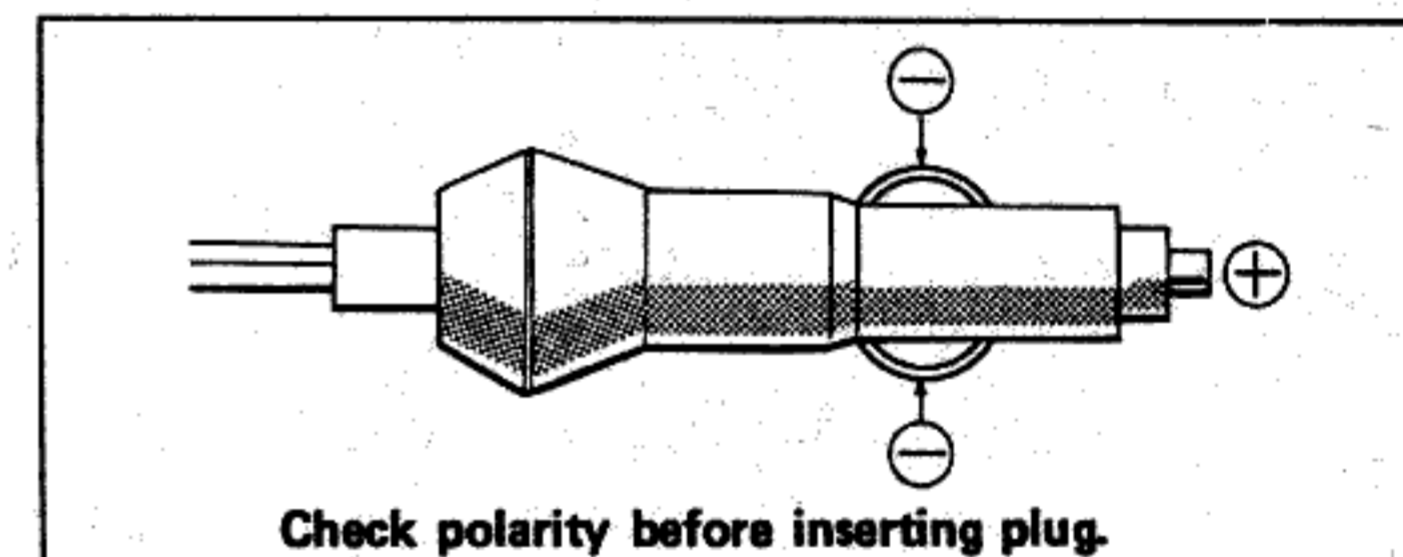
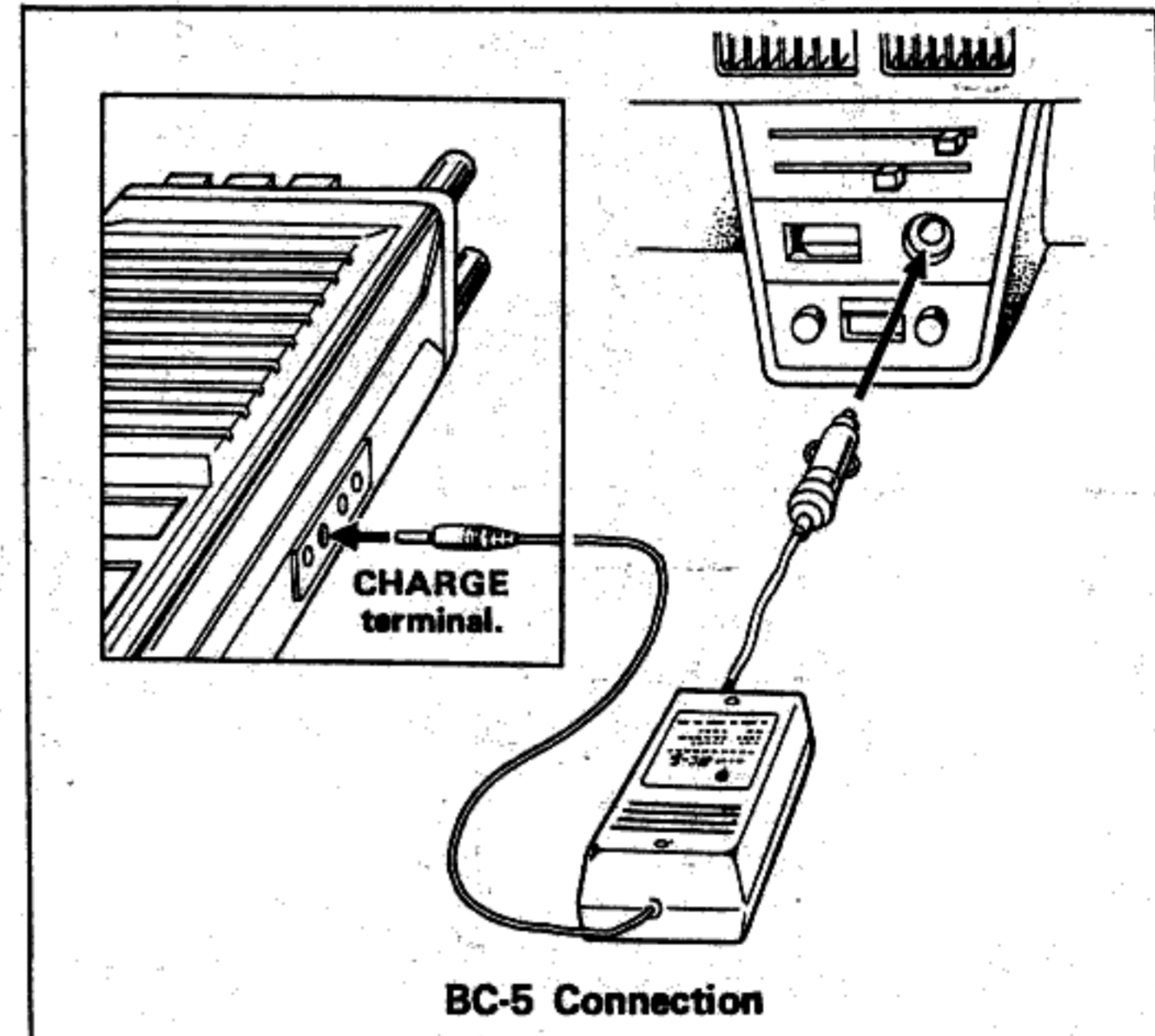
OPERATION

In using the BC-5, the following procedures must be observed:

- (1) With the transceiver power switch in the OFF position, connect the BC-5 DC output plug to the transceiver charger jack.
- (2) Connect the BC-5 input plug to your car's cigarette lighter socket. The Ni-Cd battery will begin to charge.
 - a. The Ni-Cd battery will be fully charged in about 2 hours. Disconnect the input plug from the car's cigarette lighter socket after two hours to prevent the battery overcharge.
 - b. The BC-5 uses a quick charging circuit. When the BC-5 has reduced current, switched from quick charge to intermittent charge, the charger indicator will cycle on and off.

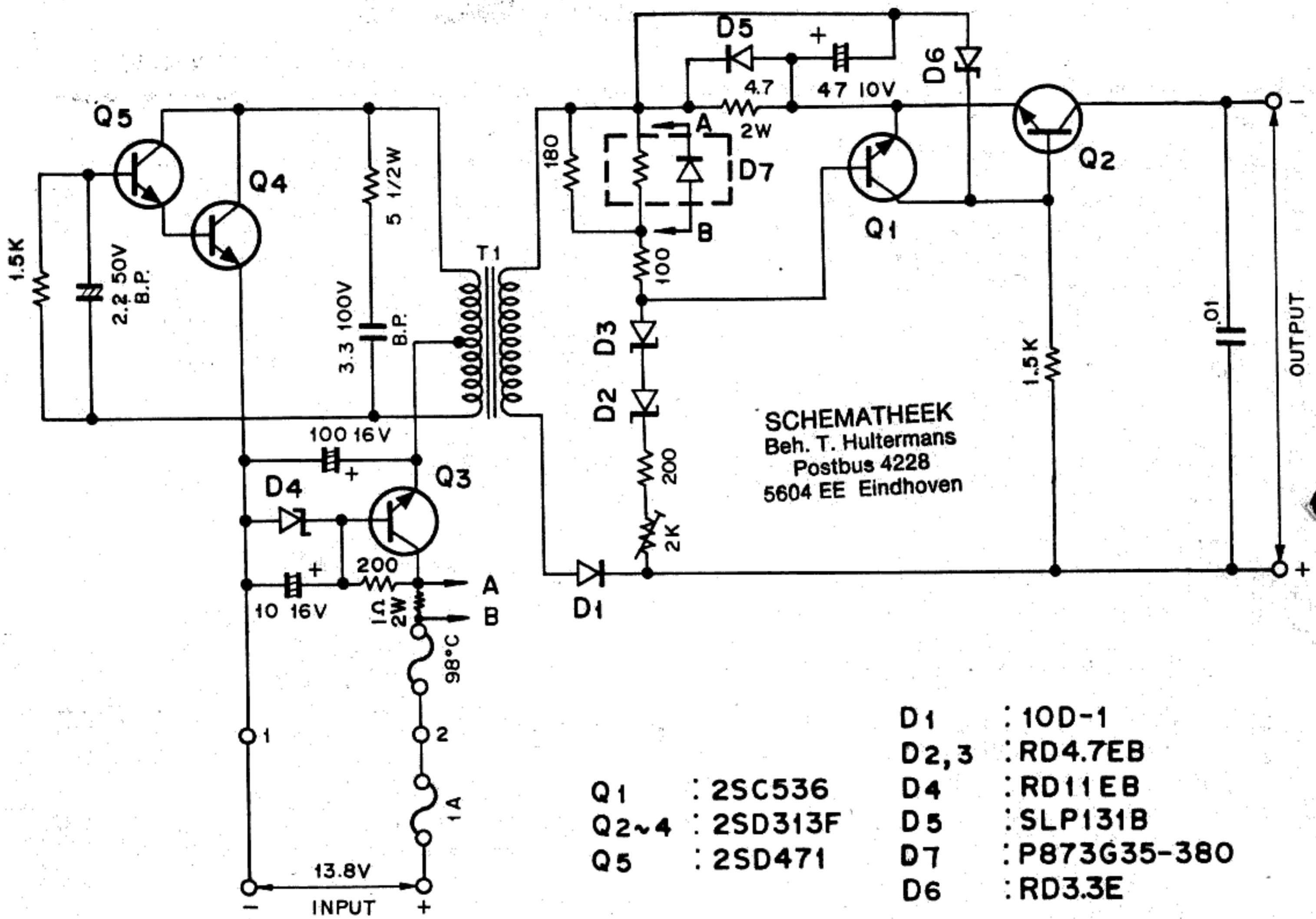
CAUTION

- (1) Avoid overcharging the battery. Note that extended charging will shorten the battery life.
- (2) Do not operate the transceiver while charging the battery.
- (3) Be sure to stop charging and disconnect the BC-5 from the car's cigarette lighter socket after two hours charging, even if the charge indicator does not begin cycling. The battery will be fully charged for proper transceiver operation.
- (4) Since the battery voltage varies with ambient temperature, place the BC-5 near the transceiver while charging. Avoid charging the battery in direct sunlight or high temperature.
- (5) Charge the battery only when it has been discharged. Failure to observe this precaution will shorten battery life.
- (6) After charging, disconnect the BC-5 from the car's cigarette-lighter socket and from the transceiver.



SPECIFICATIONS

Application:	Nickel cadmium (Ni-Cd) battery charger.
Power requirement:	13.8V DC \pm 15%
Charging voltage:	11.6V DC
Charging current:	250mA (at 13.8V DC)
Ground:	Negative ground
Operating temperature:	0°C - +45°C
Dimensions:	55mm (2-3/16) wide 45mm (1-3/4) high 100mm (3-15/16) long
Weight:	0.5kg (1.1 lb)



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