BATTERY. WHEN CHARGING OR WORKING NEAR A BATTERY ALWAYS SHIELD YOUR FACE AND PROTECT YOUR EYES . ALWAYS PROVIDE ADEQUATE VENTILATION. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN PERSONAL INJURY.

1. Cold batteries will not readily accept a charge. Therefore, batteries should be allowed to warm up approximately to 15 degrees centigrade (59 degrees Fahrenheit) before charging. This may require 12 hours at room temperature depending on the initial temperature and battery size.

2. A battery which has been completely discharged may be slow to accept a charge initially, and in some cases may not accept a charge at the normal charger setting. When batteries are in this condition, charging can be started by use of the 'dead battery' switch which is fitted to certain types of battery chargers. Follow the manufacturer's instructions when carrying out this procedure.

3. To determine whether a battery is accepting a charge, follow the manufacturer's instructions for the charger.

4. After releasing dead battery switch and with the charger still operating, measure battery voltage. If the voltage is 12 volts or higher, the battery may be accepting a charge and may be capable of being recharged. If the temperature of the battery is below 15 degrees centigrade (59 degrees Fahrenheit) the battery may require charging for up to two hours before the charge rate is high enough to show on the charger ammeter. It has been found that all un-damaged batteries can be charged by this procedure. If a battery cannot be charged by this procedure, it should be replaced.

5. A rapid recharge procedure has been developed for recharging batteries that have passed the 'No-Load Test' and only need a recharge. This can be due to non start battery failures or battery discharged in vehicle due to key-off loads.

6. The battery can be rapidly recharged by using either of the following methods:
   - Perform a two hour charge using a constant current of 20 amps (manual setting on the charger).
   - Perform a two hour charge using a constant voltage (automatic setting on the charger).

Quiescent Current Measurement

1. **NOTE:**
   The following quiescent current measurement does not apply to vehicles with the Tracker system installed. If the vehicle is installed with the tracker system the quiescent current may be up to 14 milliamps higher. If non-jaguar approved accessories are installed the