

TECHNICAL SERVICE BULLETIN

72-B-3

NO.



Recharging Procedure (Cont.)

November 1972

*1. Recharge at recommended rate (attached) for not less than 24 hours, not more than 48 hours.

SUBJECT:

Batteries

MODELS:

ALL

Extra special efforts have been made at the factory and distributor levels to insure that dealers receive cars with freshly charged batteries.

It should be clearly understood that it is a MANDATORY condition of sale to provide a new car purchaser with a fully charged battery at the outset; and any battery, regardless of make, requires a refresher charge subsequent to periods of standing.

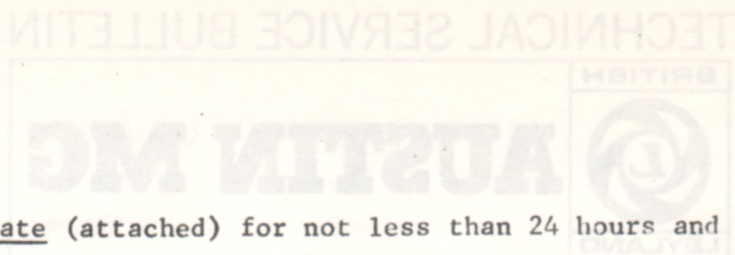
It is therefore incumbent upon dealers to check the battery condition immediately upon receipt of any new vehicles; and, in order to meet the above conditions, the following procedures must be conducted to insure that batteries may be given the chance to achieve a full, trouble-free life expectancy:

Battery Replacement

1. Any battery found with a specific gravity of 1.130 or less at 60°F (15.5°C) should be replaced with a new battery of the same make; and a warranty claim is to be submitted without any formalities such as prior authorization, etc.
2. The displaced unit is to be properly tagged for identification and held for distributor disposition.
3. Please note that the warranty claim should be submitted immediately; or, at the latest, within two weeks of receipt of the new vehicle at your dealership.

Recharging Procedure

All batteries not in the above category (Example - specific gravity of 1.135 or higher) must be given a refresher charge in accordance with the following specifications:



Recharging Procedure (Cont.)

- *1. Recharge at recommended rate (attached) for not less than 24 hours and not more than 48 hours.
- 2. Recheck specific gravity. If it is still below 1.135, replace with new battery and submit claim as above.
- 3. REPEAT RECHARGE PROCEDURE AT SUBSEQUENT FOUR WEEKLY INTERVALS UP TO THE POINT OF RETAIL OF THE VEHICLE.

Once the vehicle is put into service, warranty claims for batteries will only be accepted for tangible manufacturing defects and dependent on properly recorded 3,000 mile/3-month period lubrication overcheck service.

We are confident that the above procedure, if carried out, will substantially reduce the incidence of battery problems which you may have experienced previously; and, for this reason, your full cooperation is requested.

* FAST CHARGERS - BOOST CHARGERS SHOULD UNDER NO CIRCUMSTANCES BE USED.

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J.P.

DISTRIBUTOR BATTERY CHECK PROCEDURE

Explanatory Note: This procedure has been formulated to insure that each vehicle arrives at the point of sale with a good, serviceable battery.

Check to see if the battery has ability to start the vehicle. If not, proceed as follows:

1. Check to insure that the battery type conforms to the vehicle's specification.
2. Check for physical damage.

Reject For:

Cracked containers and lids
Broken manifolds
Distorted or broken terminal posts
Any other obvious defects

Note: This type of damage will usually be the subject of a Marine insurance claim.

3. Check that battery polarity is correct for the vehicle's wiring arrangement.
4. Check electrolyte levels. Reject if level in any cell is below level of top plate.
5. Check electrolyte for presence of ice or foreign matter. Reject if either is present.
6. Batteries rejected by this procedure must immediately be rendered unuseable by punching a hole in the battery top and must be held for disposal instructions by Lucas or British Leyland Motors Inc. Warranty claims for these should be submitted immediately to British Leyland Motors Inc.

Note: Once the warranty claim has been accepted, the displaced unit will become the property of the distributor; and its scrap value will cancel the cost of filling and charging replacement units.

LUCAS BATTERY NORMAL RECHARGE RATES

<u>Battery Type</u>	<u>Vehicle Application</u>	<u>Amps</u>
CP13/11-3	(Jaguar) XJ-6, V-12	6.8
A-9/8 CA-9E A-13	(Austin/MG) Midget MGB Marina	4 5.5 6
C11/9	(Rover) Land Rover	5.5
A-11 A-9/8 RCA-9/7	(Triumph) TR-6 Spitfire Stag, GT-6	5 4 5.5

ACTIVATION OF DRY CHARGED BATTERIES

1. Fill battery with grade sulphuric acid (specific gravity: 1.250-1.260).
2. Stand for 20 minutes.
3. Charge at recommended recharge rate for three hours.
4. Clean, grease terminals, and install in vehicle.

RELATIONSHIP BETWEEN OPEN-CIRCUIT VOLTAGE OF CELL OR BATTERY

AND SPECIFIC GRAVITY OF ACID

(APPLICABLE ONLY AFTER MINIMUM REST PERIOD OF 12 HOURS)

