

SCARABEO 500

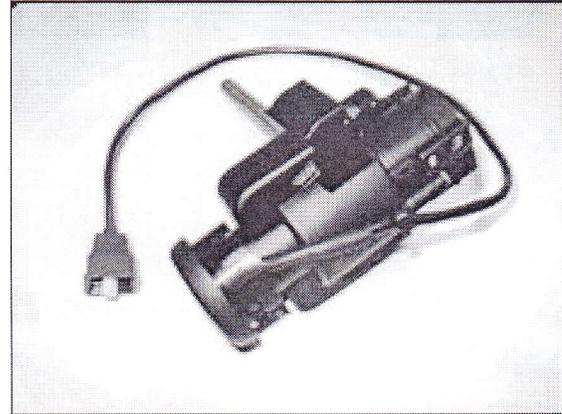
8.6.13. IMMOBILIZER

IMMOBILIZER

The motorcycle is equipped with an immobilizer which inhibits engine operation until an access code is supplied. The code is stored in the transponder integrated in each of the two keys provided with the vehicle. The code is read by an antenna on the ignition switch which is directly connected to the dashboard.

The immobilizer mode is indicated by a led on the dashboard, as follows:

- immobilizer de-activated: led off
- immobilizer activated: led flashes every 3 seconds (warning function)
- incorrect key: led flashes every second

**STORING NEW KEY CODES (VIRGIN MEMORY)**

When the dashboard is first powered up, it stores the codes of the first two keys fitted in the ignition switch. In this mode, the led stays on continuously and switches off for 0.5 seconds when the code has been successfully stored.

The dashboard does not switch on immediately, but an OFF/ON key switch sequence must be run. When an hour has passed since the first key was stored, or immediately after storing the second key, the system will not accept any more keys except via the standard storage procedure. If only one key has been stored, the hour count within which the second key can be stored starts anew at every key OFF.

If power fails after the first key has been stored, the system will reset (deleting the stored code of the first key). After the first key has been stored, all vehicle and dashboard functions are operable.

ADDITIONAL KEY STORE PROCEDURE

The immobilizer can store up to 4 keys. This can be done only at the dealership, using the Master Key.

The store procedure deletes previous codes. If a customer wants to store new keys, he must take all the keys he wishes to use to the dealership for the procedure, which is as follows:

- 1 with a customer key (already stored), turn from key ON to OFF;
- 2 fit the Master Key within 20 seconds, thus enabling the store procedure. The led will stay on continuously;
- 3 fit and run a key ON in sequentially with all the keys to be used by the customer. After each key has been stored, the led will switch off for 0.5 seconds;



4 after each key has been stored, the system waits for a new key for 10 seconds (led on continuously), after which the procedure self-terminates.