

circuits related. It also checks for efficiency all the digital displays (Trip/Total odometer, automatic transmission electronic display if installed).

The check procedure lasts 6 seconds.

When this time interval has elapsed, the engine is not running yet, all indicators go off except for the generator, the oil minimum pressure, the vehicle accessories warning lamps, and any warning lamp indicating faulty conditions; the latter will remain on for approx. 15 secs.

The test procedure can be manually reset by pressing the TEST push-button (for at least 0.3 sec.) (after 6 secs. or after 21 secs. if faulty conditions are met). The check can be finally repeated by setting the ignition key to POS.0 (OFF) and then to POS. 1 (RUN) again.

In this phase, the automatically reset testing procedure checks the following:

- Warning lamp, Led and LCD display efficiency, by forcing a supply voltage and optically detecting the relevant activation.
- Sensor and wiring efficiency in the case of NC sensors.
- The operating condition of all accessory devices.

A faulty condition is displayed only if detected after the 2, 4 and 6 secs reading, otherwise it is ignored.

This does not apply for the engine oil level, as the check lasts 2.5 sec. with specific characteristics.

Moreover, it is not valid for: stop lights, automatic gearbox (if installed) and electronic suspensions, as the relevant data are read and stored after the engine has been cranked.

The manually reset test performs the same above-mentioned checks valid for the automatic resetting.

The manual test can only be repeated by releasing and pressing the push-button again after the end of the 6-sec. cycle, if no alarms are displayed, or after the end of the 21-sec. cycle, if some alarm conditions have been signalled.

Note:

When a faulty condition is detected, the warning light of the relevant function remains on for 6 +15 sec.

If the engine is cranked within 6 secs., the test cycle is stopped and any faulty condition is not displayed.

The brake fluid level warning light comes on even when a faulty condition is detected in the front brake pad and stop lights check circuits.

In this phase, it is automatically performed a status check of the following services:

Door opening (4 NO sensors with door closed)

With the doors closed, it is not checked the integrity of the wiring and sensors. When one or more doors are opened, the relevant led will come on until the involved door is closed again. This check is performed in the same way during phase 3.

Safety belts (NC sensors)

Once the key is turned to POS.1 (RUN), it is possible to visually check for 6 secs. (even if the engine is cranked before the end of the test cycle) the warning light efficiency (either the belt is fastened or not). The Alfa Romeo Control also activates for 6 secs the acoustic alarm, unless the belt is soon fastened, in this case the alarm will go off.

Note:

Should the engine be stopped after a running period, and the key is consequently turned to POS.0 (OFF), if the key is then returned to POS.1 (RUN) after an interval longer than 10 secs., the Alfa Romeo Control does not repeat the test, it will not light the warning lamp, but will activate the buzzer for 6 secs.

If the safety belt is unfastened with the engine running, the Alfa Romeo Control circuit will not activate any warning signal.

LCD Display - Trip/Total Odometer

During the test phase, all display bars are available to the Alfa Romeo Control:

- six digits for the odometer
- "TOTAL" writing
- TRIP writing
- point for hundreds for the "TRIP" function

Automatic gearbox function display (if installed)

During the test phase, it will be checked the correct lightening of the following bars/sections:

- Gear alphanumeric indicator
- Gear number marking dots
- the three writings "SPORT", "AUTO" and "ICE"