

Diagnosis – Function Test

Bulb test

- Turn the ignition key to position “2”. All malfunction indicator/warning lamps must illuminate.
- Start engine. At > 480 engine RPM, all indicator/warning lamps are to extinguish, indicating that all systems monitored are O.K.
- Independent of engine operation the following lamps go out:
After 4 seconds, the SRS MIL will extinguish.
After 6 seconds, the safety belt warning lamp will extinguish.

CAUTION!

Should the malfunction indicator/warning lamps remain illuminated and/or come on while driving, it will be necessary to check the corresponding system with the Diagnostic Manual and/or the monitored fluid level as necessary.

Warning buzzer

- Exterior illumination and service brake warning
- Ignition key in ignition lock warning
- Safety belt warning for 6 seconds
(the warning tone will cease if safety belt buckle is latched).

Indicator instruments

The indicator instruments must reflect the actual operating conditions.

Photo transistor (models 202 and 210)

Point a flash light at the Photo transistor (25 or 26, Figure 1), at the same time the illumination for the LCD display (outside temperature display, trip odometer, odometer and electronic clock) must brighten noticeably.

CAUTION!

Instrument cluster with multi-function display (model 210)

Functional problems (example: worn brake pads, engine coolant level insufficient, burnt out exterior lamp etc.) or a system failure (ABS system fault, SRS system fault) will be indicated in place of the outside temperature, trip odometer, odometer and electronic clock by use of a warning display. The warning display will be red or orange in color, based on the problem, additionally, a warning tone will be heard.

Maintenance display (model 170)

Turn ignition switch to position 2, press left button twice within one second: the tool symbol and the actual remaining mileage until the next scheduled service will be displayed for ten seconds.
Diagnosis and version coding is done using the HHT.