

CHECK - ADJUSTMENT : HEADLAMP

1. Tooling

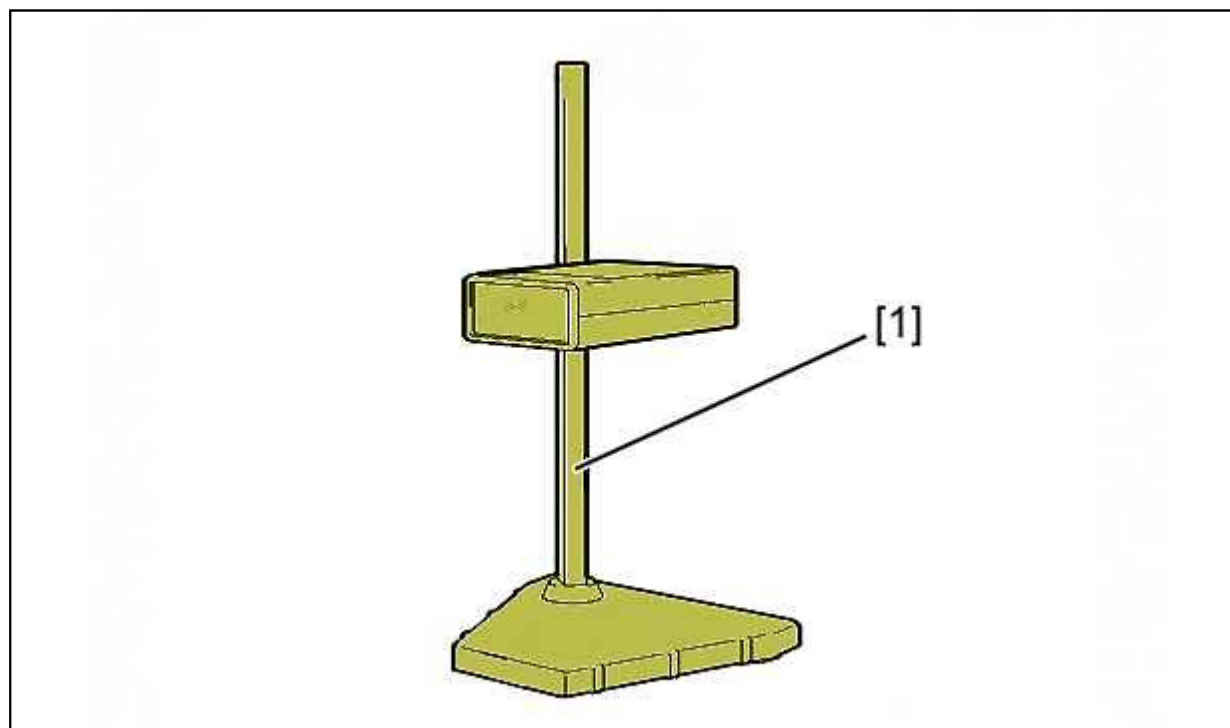


Figure : E5AP2ZHD

[1] regloscope :

- FACOM LUX 200L
- MULLER 664 LASER
- TECNOTEST 432/PM

2. Check

2.1. Prior conditions for checking

Unload the vehicle.

The vehicle in running order (vehicle empty with all systems filled).

Remove any excessive accumulation of mud, snow or ice which could affect the ride height of the vehicle.

Check the tyre pressures, which must be inflated to the pressure specified by the manufacturer, in normal driving conditions.

Park the vehicle on level ground, wheels straight ahead.

Switch on the headlamps and check the operation of the load corrector by turning the adjusting knob and place it in the normal load position 0.

2.2. Checking procedure

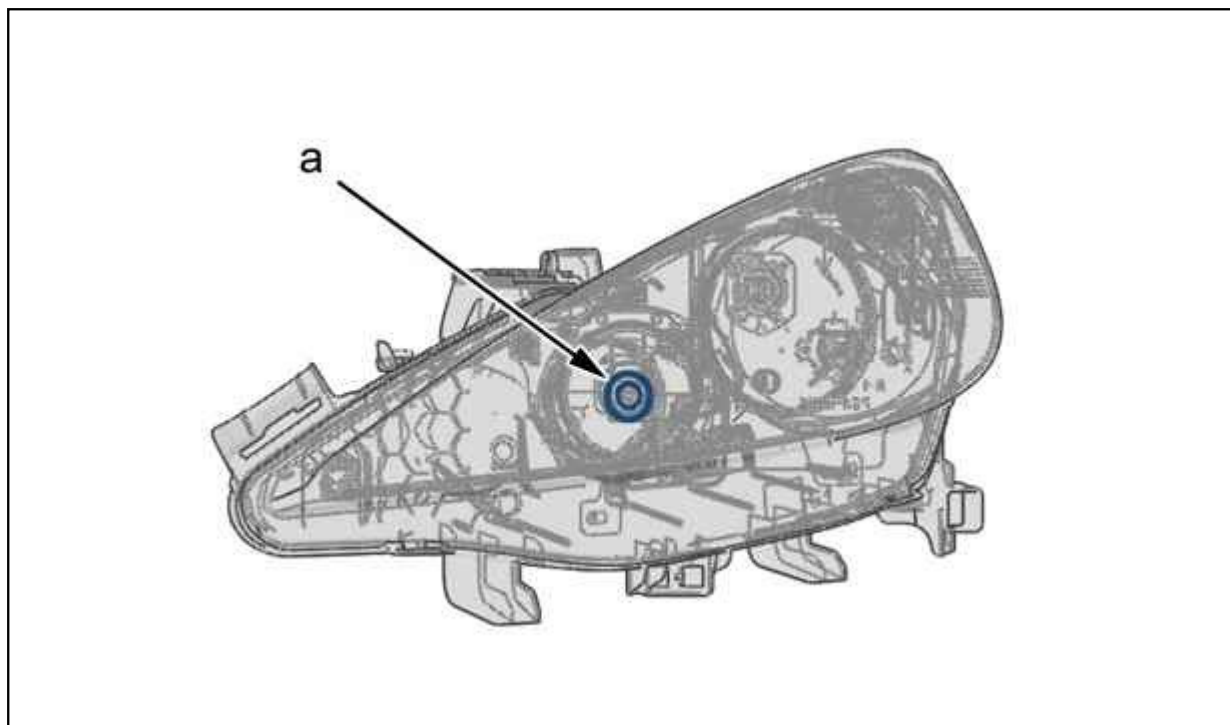


Figure : C5EP053D

Start the engine.

Align the headlamp adjuster [1] in relation to the vehicle in accordance with the special features of the equipment.

Align the centre of the lens of the headlamp gauge [1] with the optical centre of the headlamp (centre of the concealing shield) (as "a") Using the headlamp adjuster laser beam or the headlamp adjuster rod .

Switch on the dipped headlamps.

Follow the checking procedure with the help of the instructions for the equipment used [1].

3. Adjustment

Apply the headlamp adjuster adjustment procedure in accordance with the equipment's user manual [/].

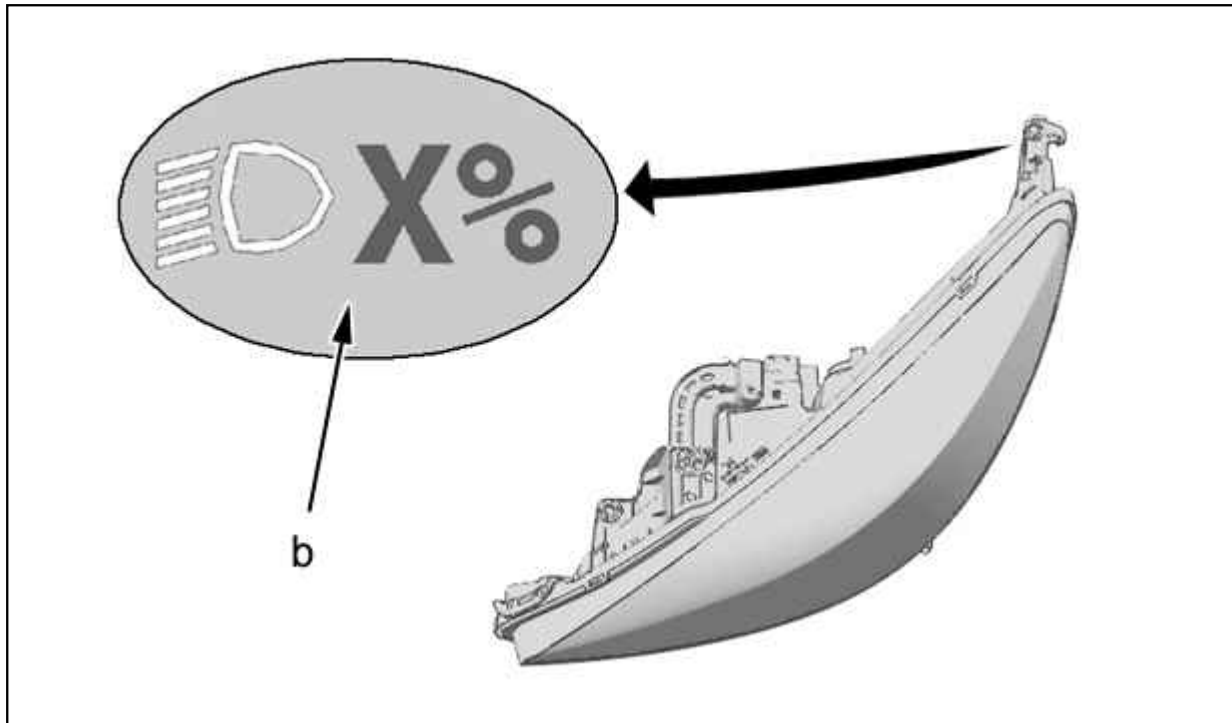


Figure : C5EP054D

Read the headlamp beam lowering value (as "b").
Configure the value read according to the type of equipment used.

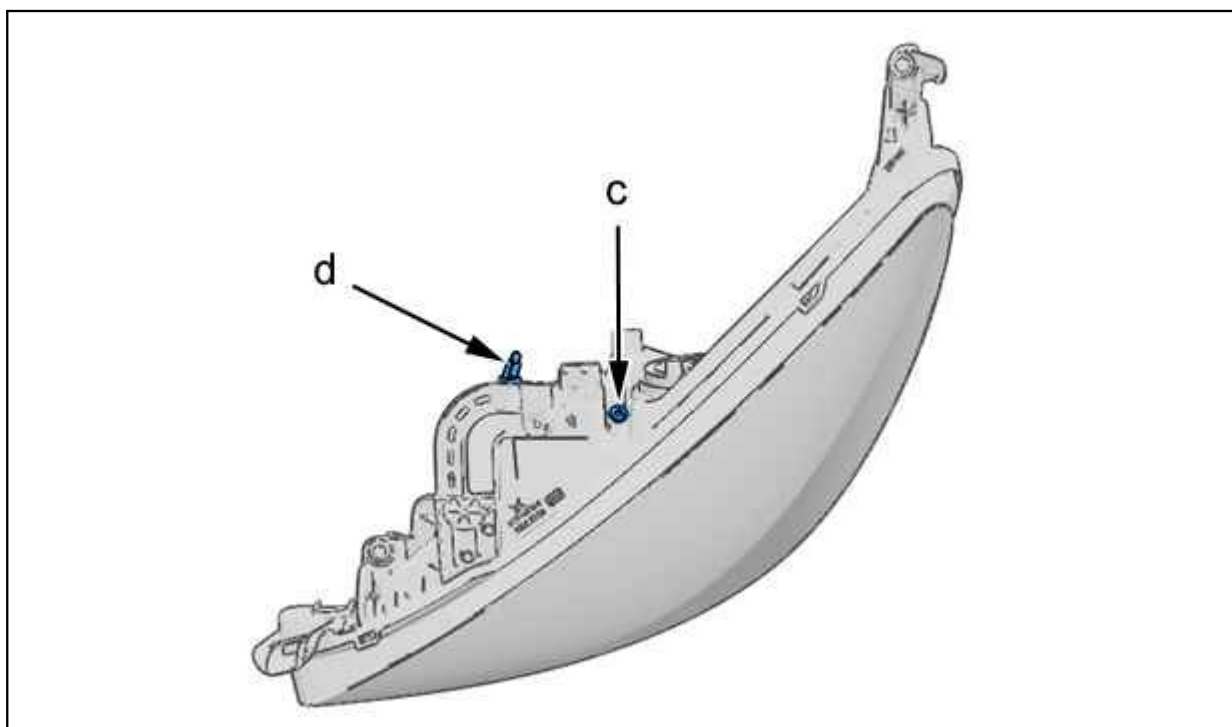


Figure : C5EP055D

Correct the vertical setting of the headlamp (height) by acting on the screw (as "c").
Correct the horizontal setting of the headlamp (azimuth) by acting on the screw (as "d").

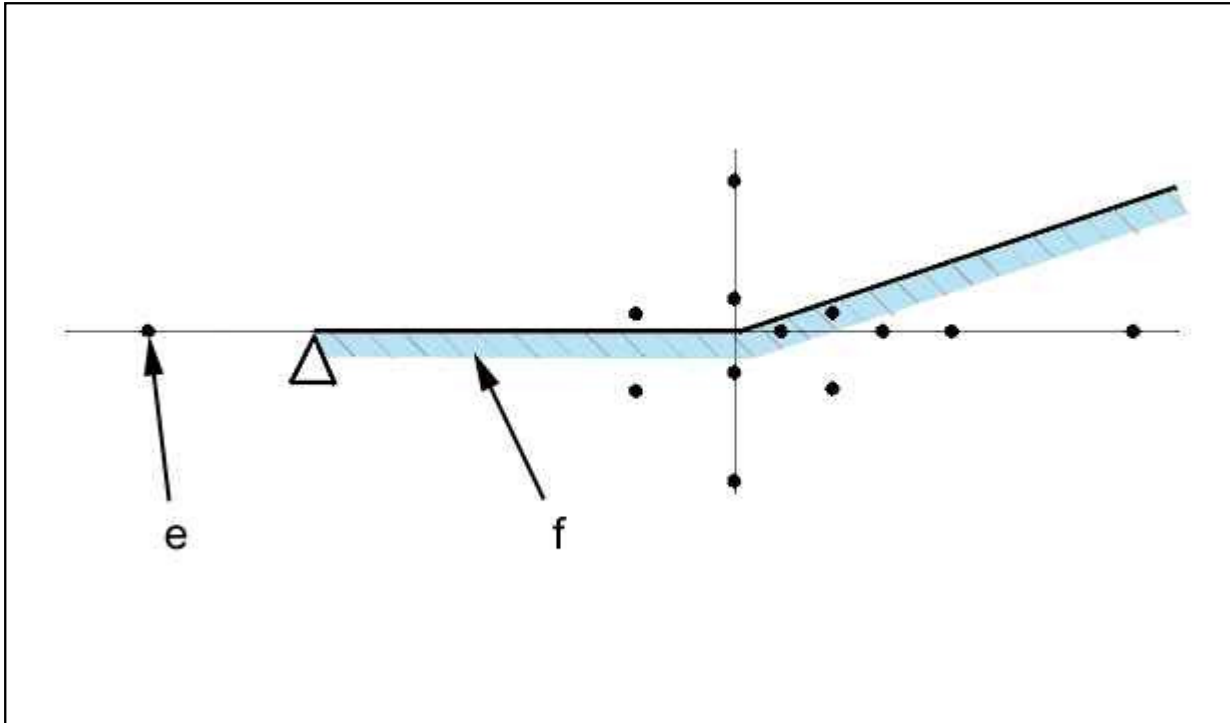


Figure : C5EP044D

Align the headlamp beam "f" slightly below the line of demarcation "e".

N.B. : Adjusting the dipped headlamp automatically adjusts the main beam headlamp.

The adjustment is carried out.