

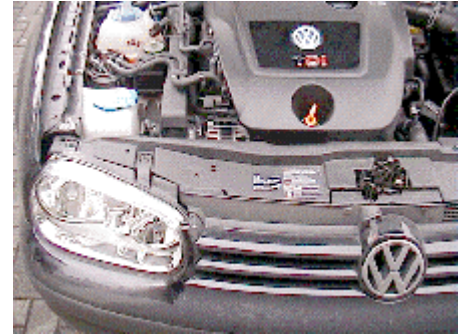


## *VW Golf '98 TDI flickering headlight*

After the cold starting the headlights dim and brighten frequently

**Cause:**

At engine temperatures  $< 20^{\circ}\text{C}$  the glow plugs are additionally switched on up to 2500 rpm. The emissions and diesel knock are reduced through this operation. As a result of the increased load on the generator (high generator voltage), at low rpm, the generator voltage drops by about 2 volt. Due to this surging voltage the light appears to flicker dim and bright. This situation is only apparent for a short time during the warm up phase.



**Remedy:**

No changes are being considered in series, because the power of the battery and the generator are considered to be sufficient.

The charging current of the battery and the power of the generator should nevertheless be checked. In addition the occurrence should be explained to the customer to prevent complaints.

Bulletin