

B 0.3

Gruppe	Nummer	Version
B 0.3	smc-07-84 vwm-07-04	01

Adjustment of exhaust turbocharger for Red-Diesel

Using Red-Diesel (tax-exempt fuel) leads to higher ignition delays and thus to increasing soot because of lower cetane number.

Partially that soot is as powerful, that the guide vane pitch device of the turbocharger gets blocked.

In bad case an increased boost pressure will be generated on full load, which again generates an error entry and thus the flashing of the system lamp.

In order to suppress the flashing of the system lamp, the set screw at the adjusting bar of the turbocharger (arrowed in Fig.1 and 2.) can be adjusted by turning it clockwise 3 x 360° and additionally by 210° (= 3 ¾ rotations).

The sooting of the engine will not be stopped by this, but the error entry will be eliminated.

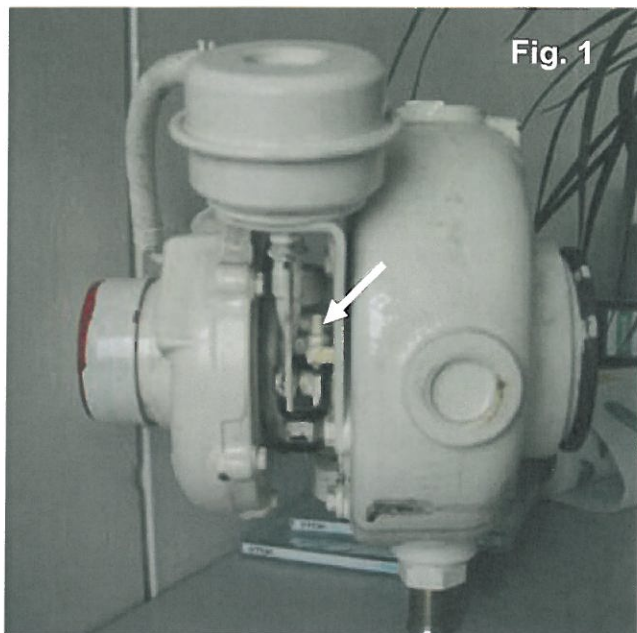


Fig. 1

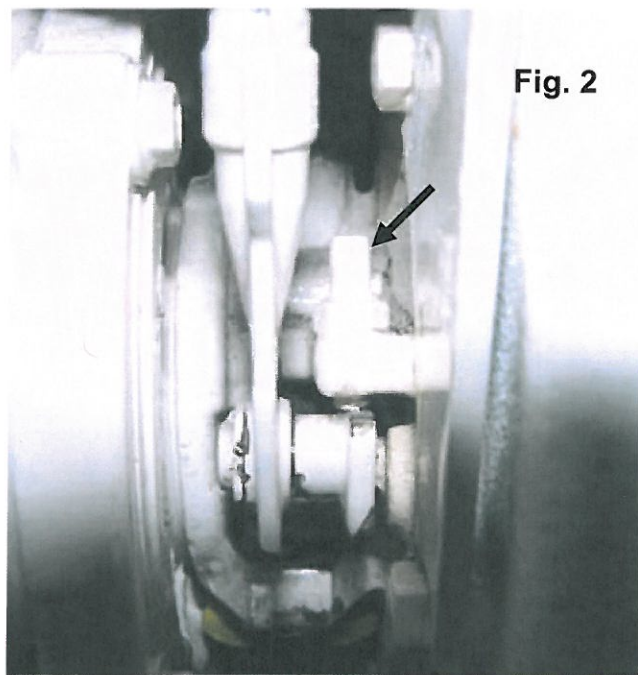


Fig. 2