

Drivbiwire VNT15/17 repair procedure

Tools needed:

T-20 Torx

10mm Box end wrench

17mm Box end wrench

Steel Drift

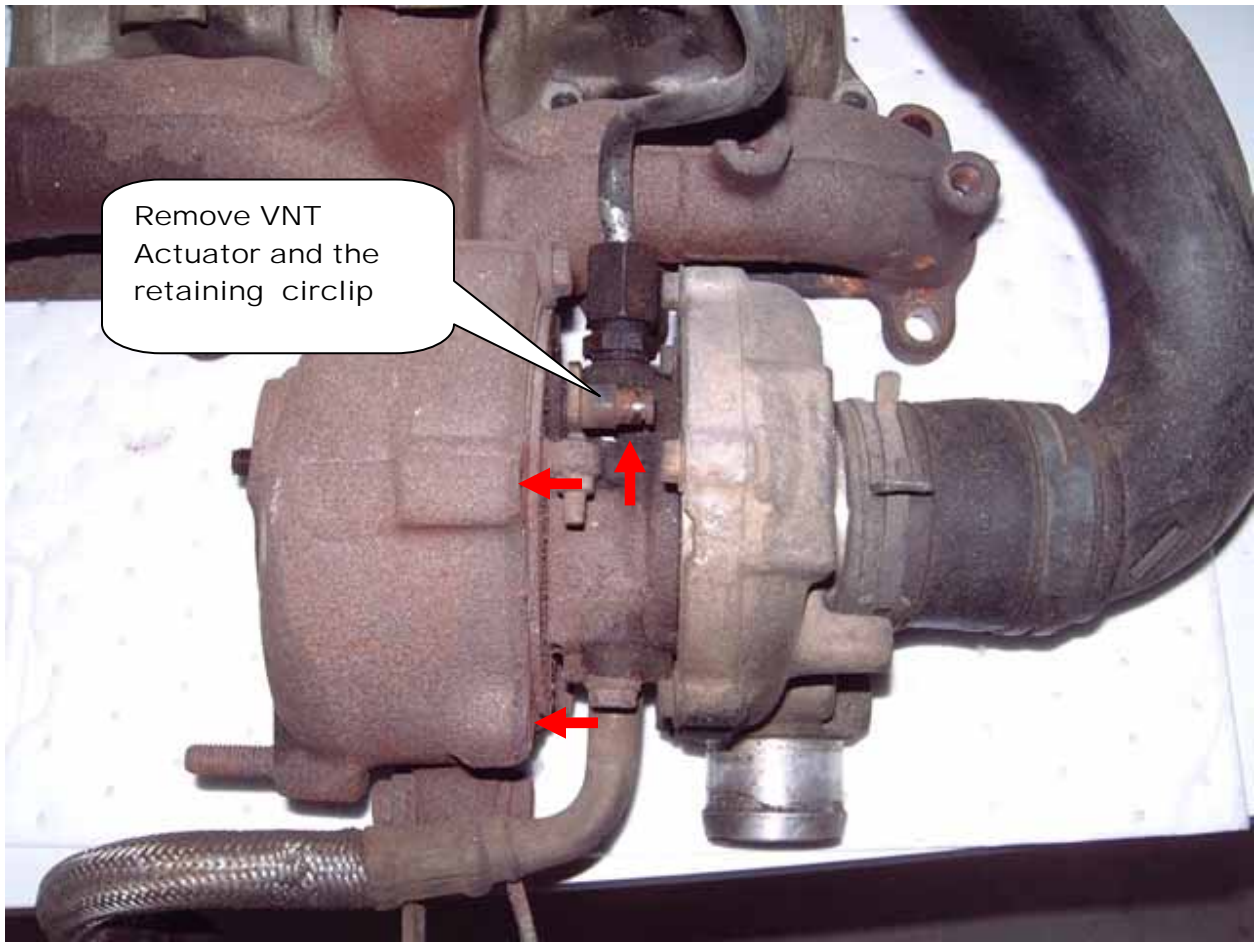
Heavy weight hammer

High temperature (1700°F/ 930°C) or greater

Pick

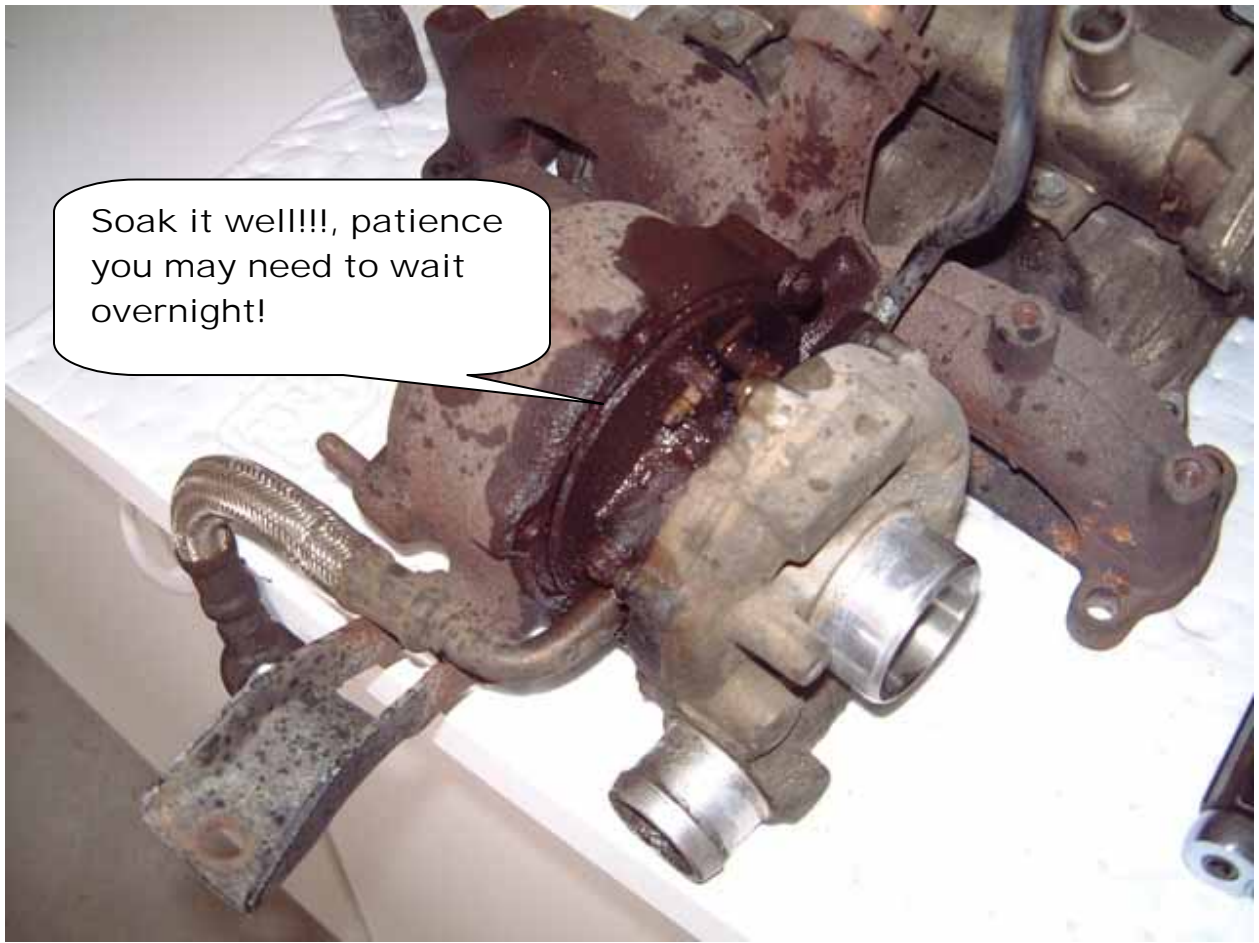
Green Scotch-Brite

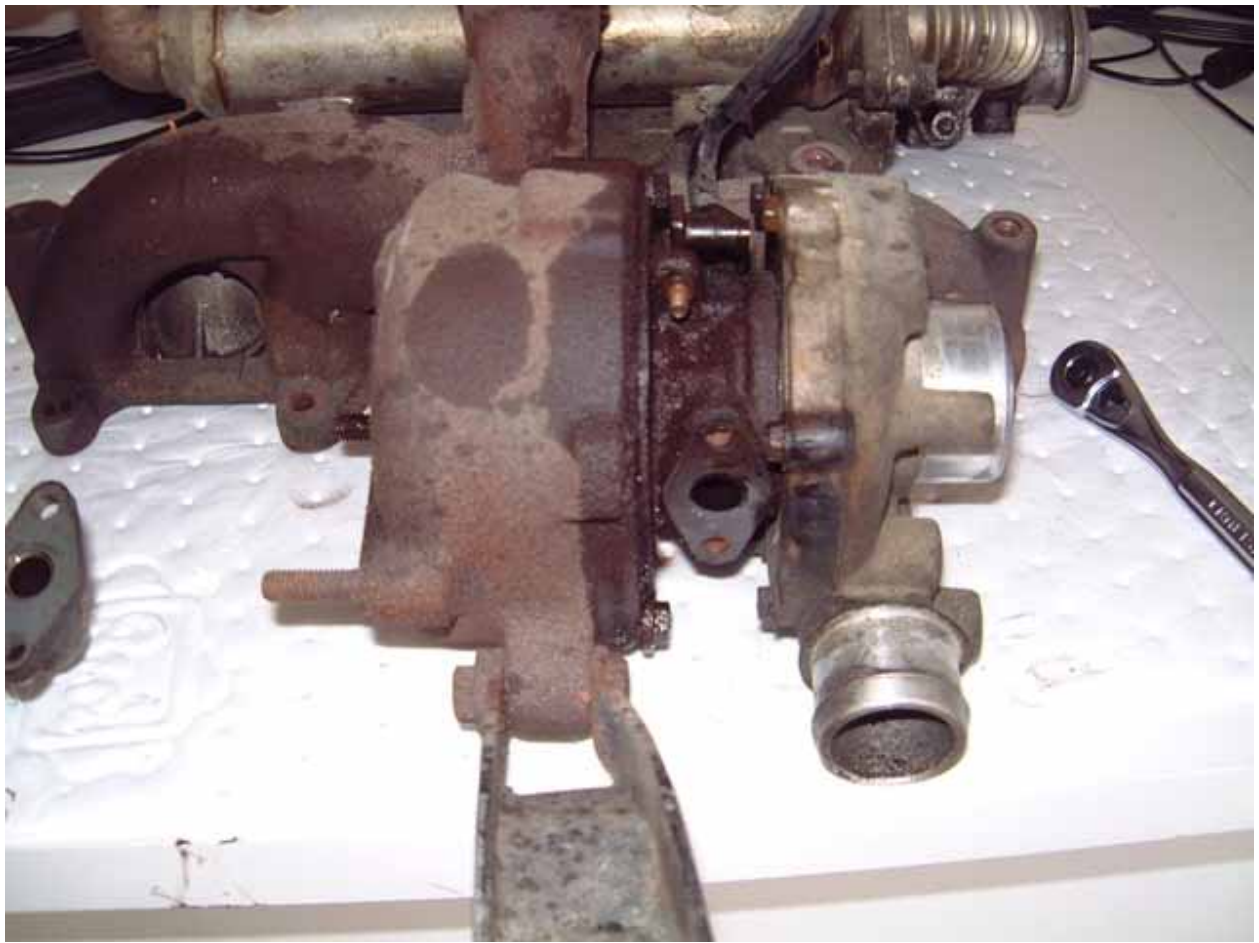
Emery Cloth

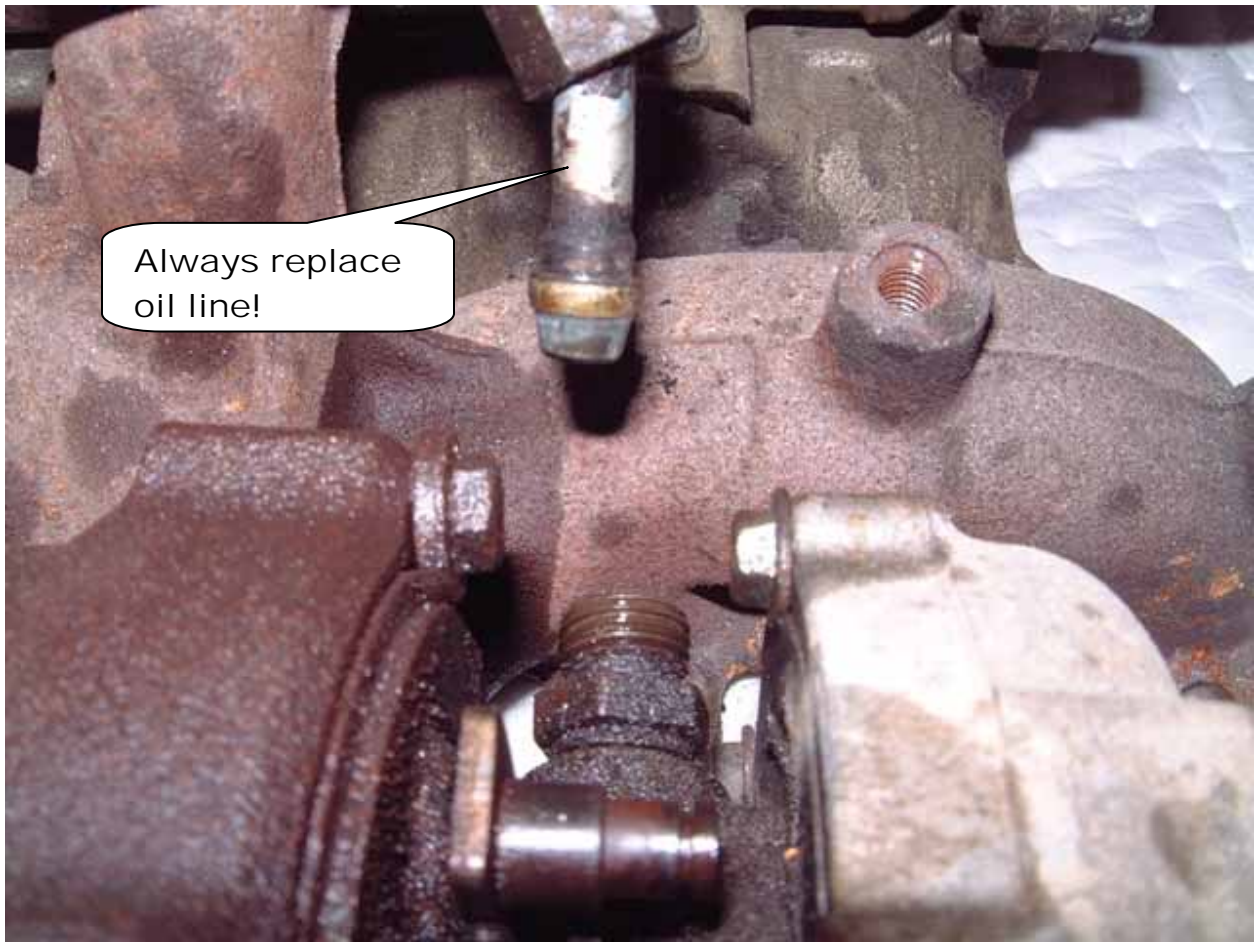












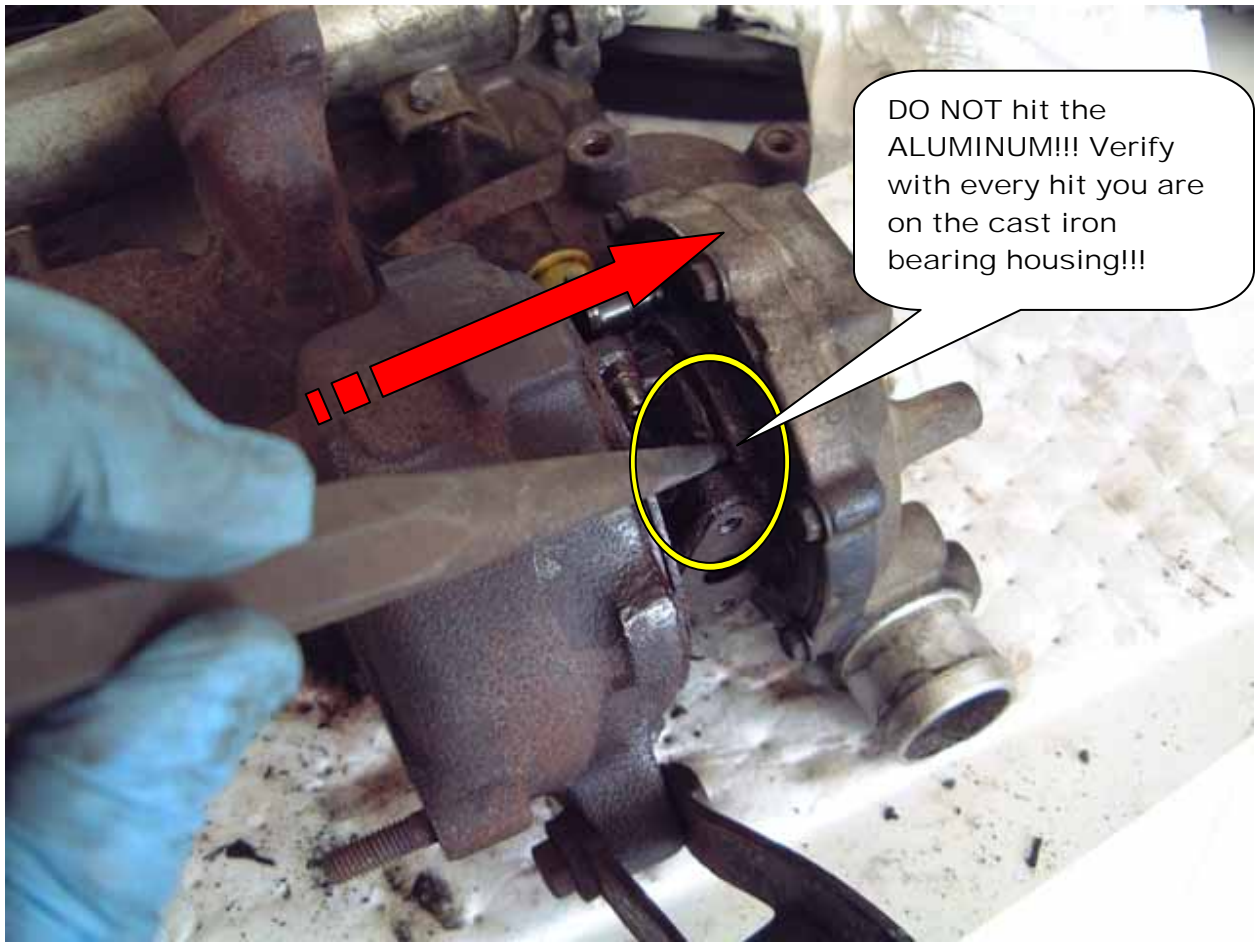
Always replace
oil line!

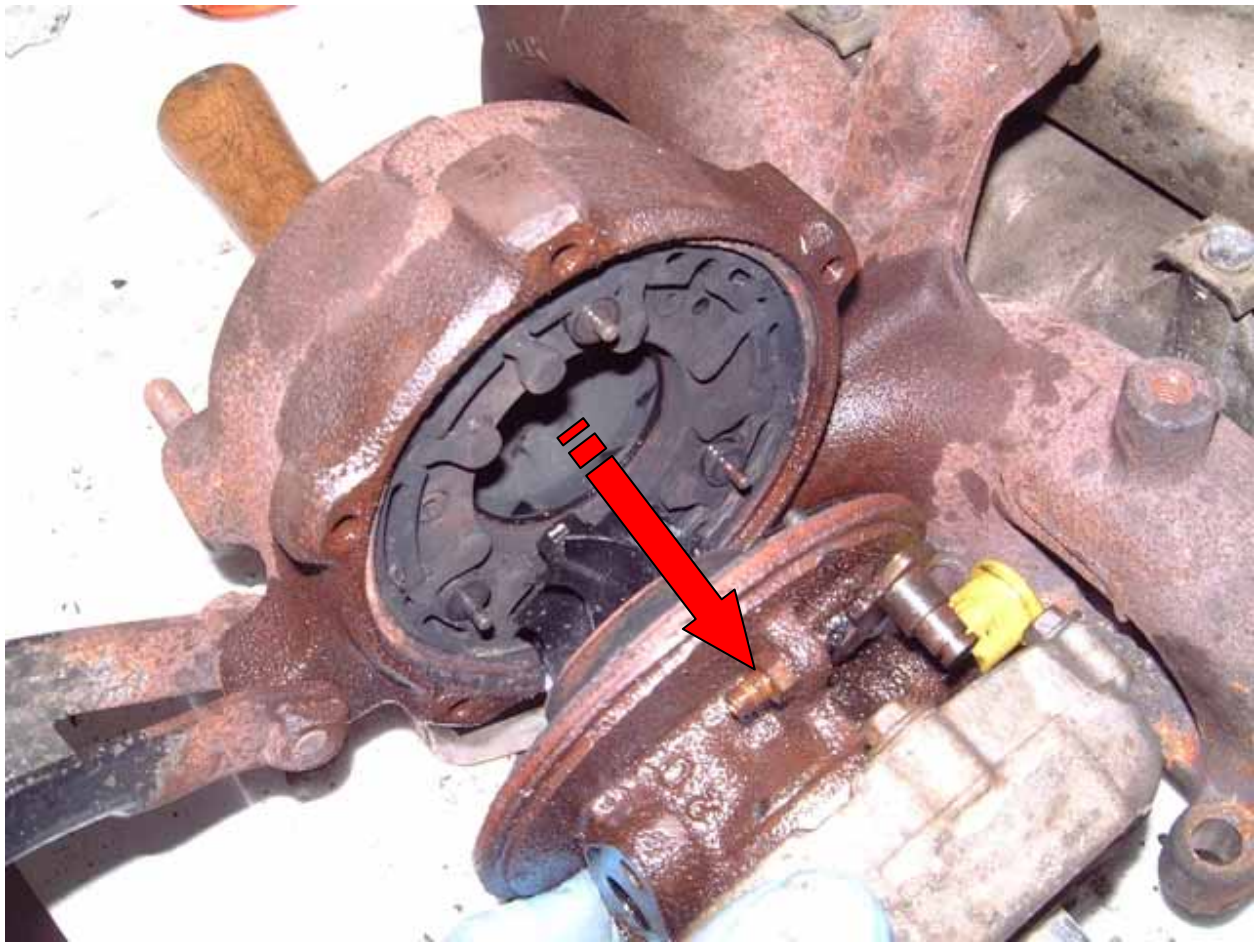




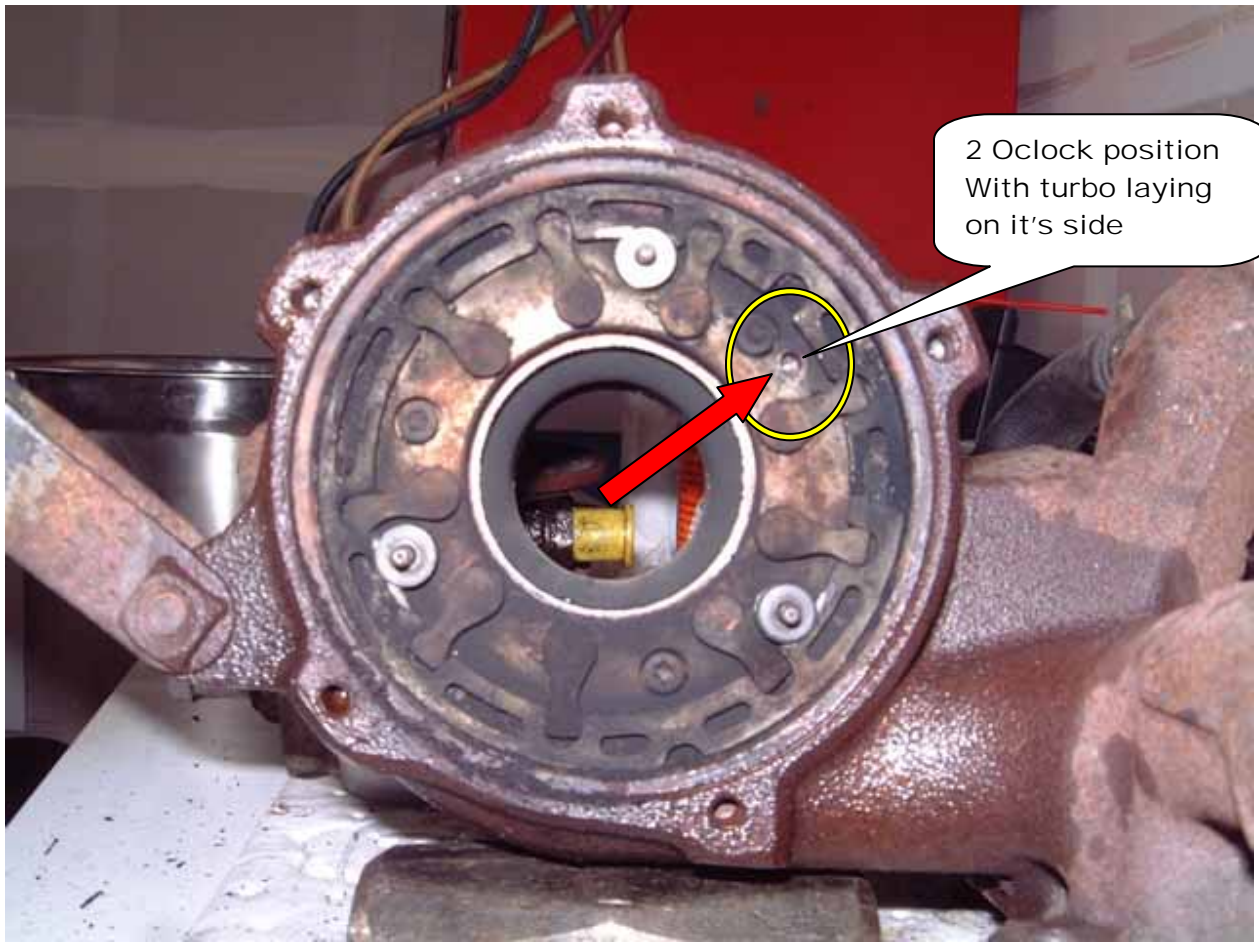


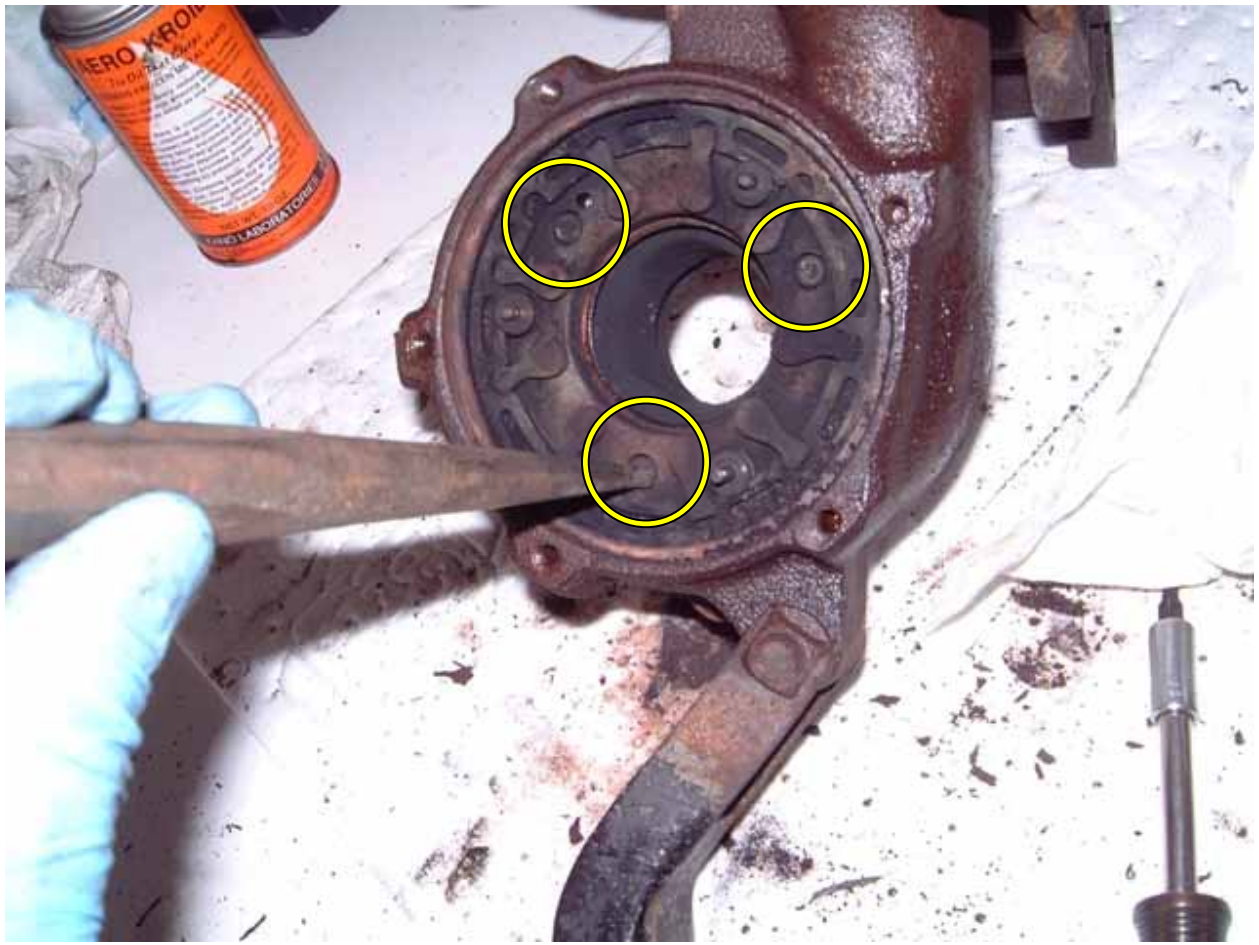










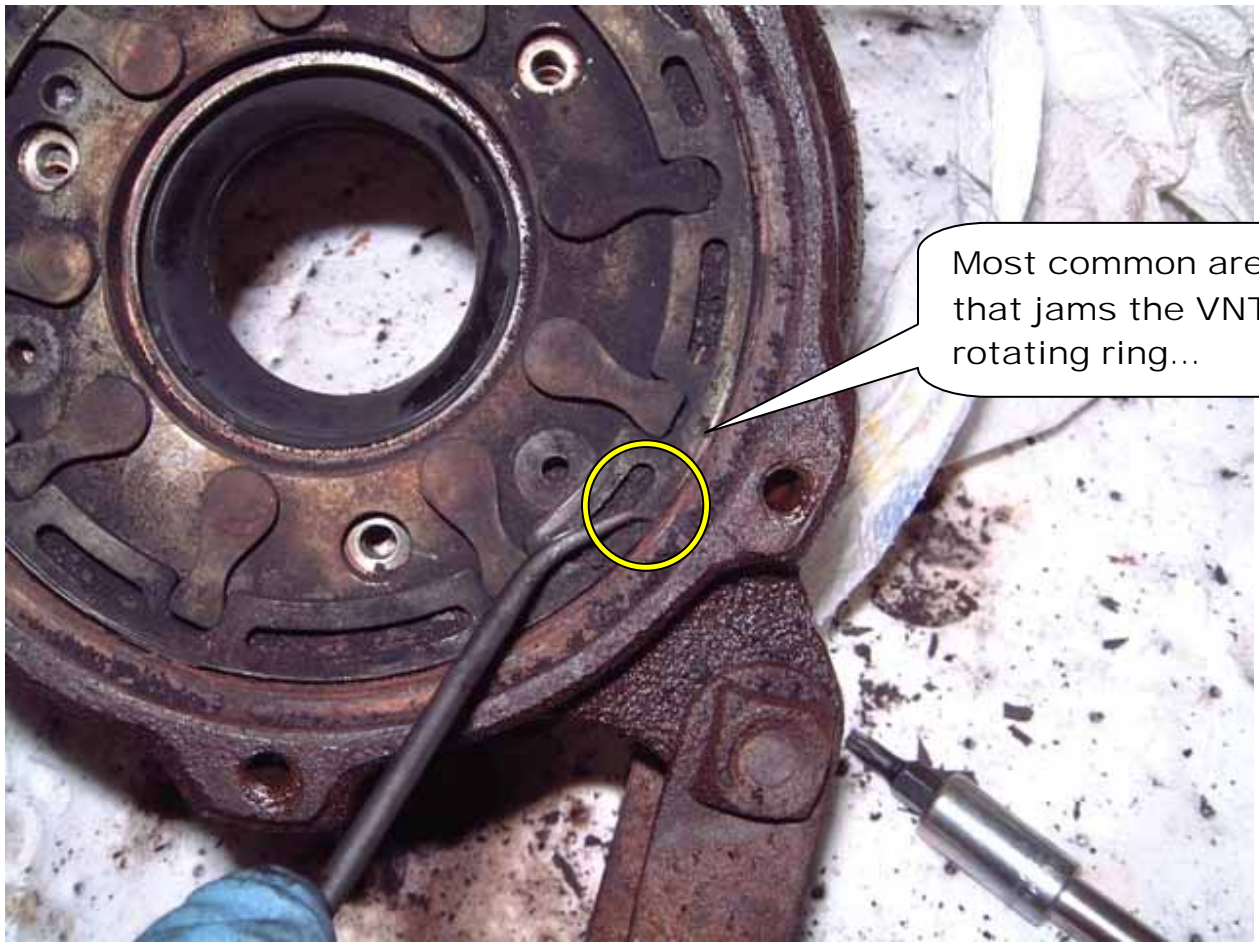


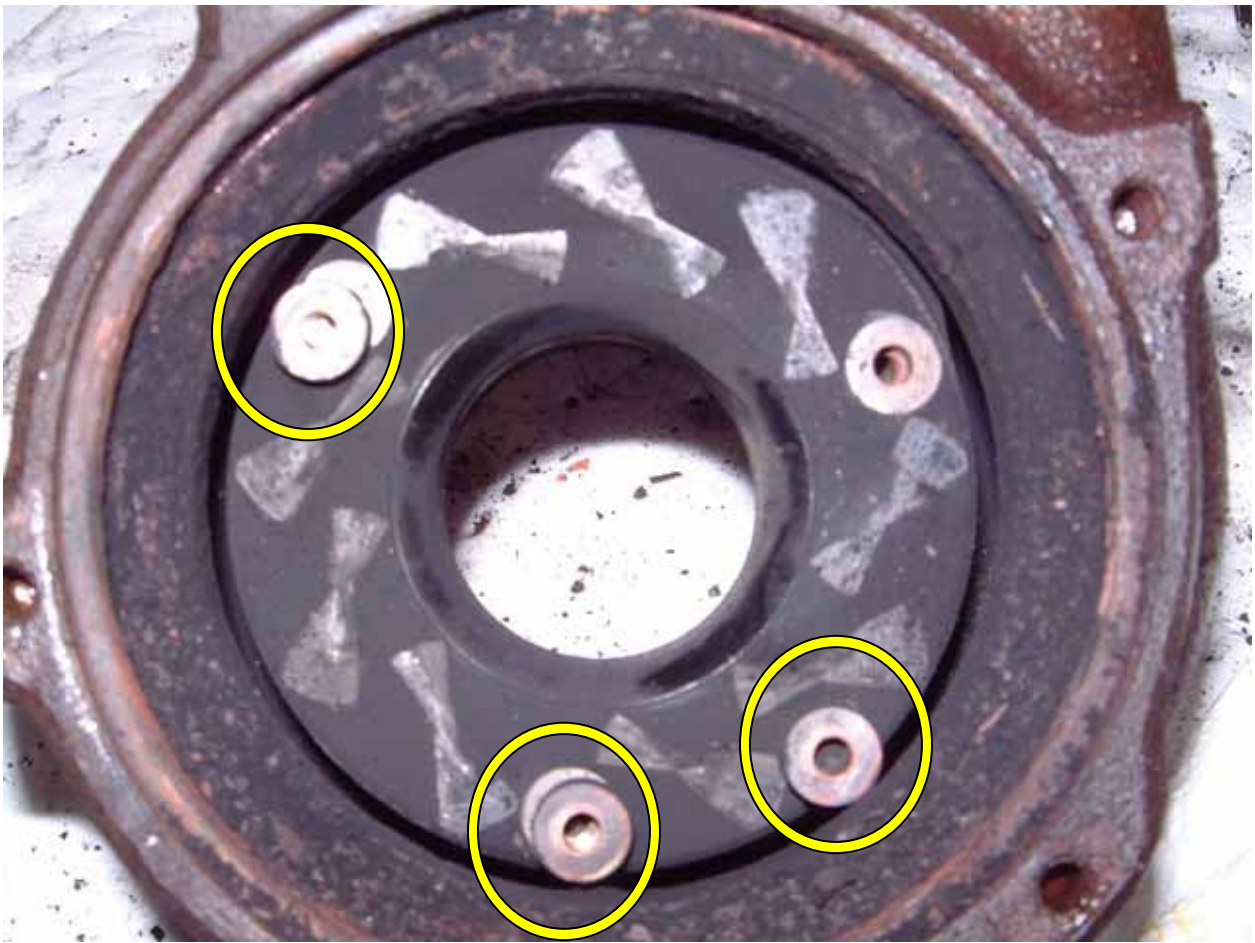






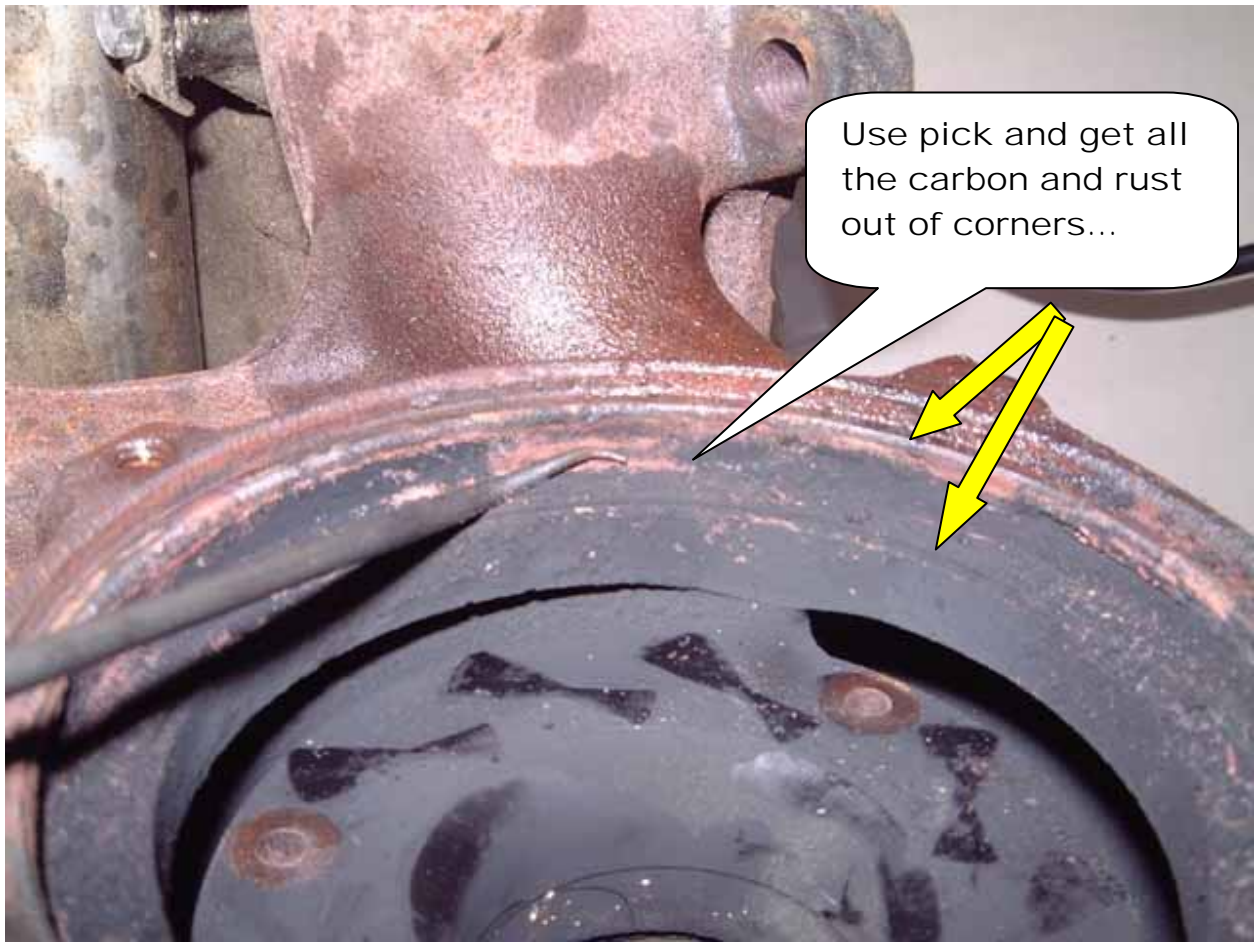




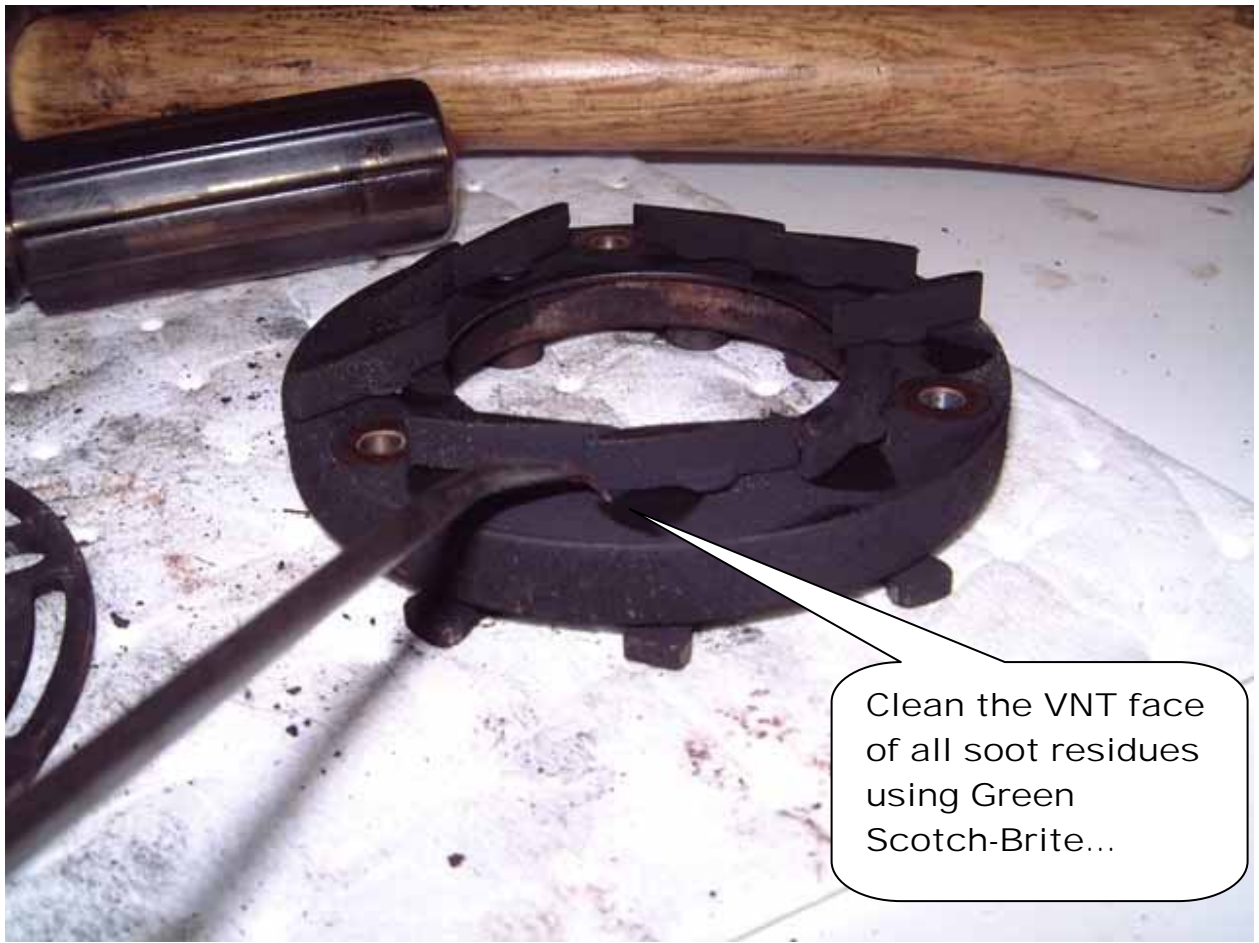




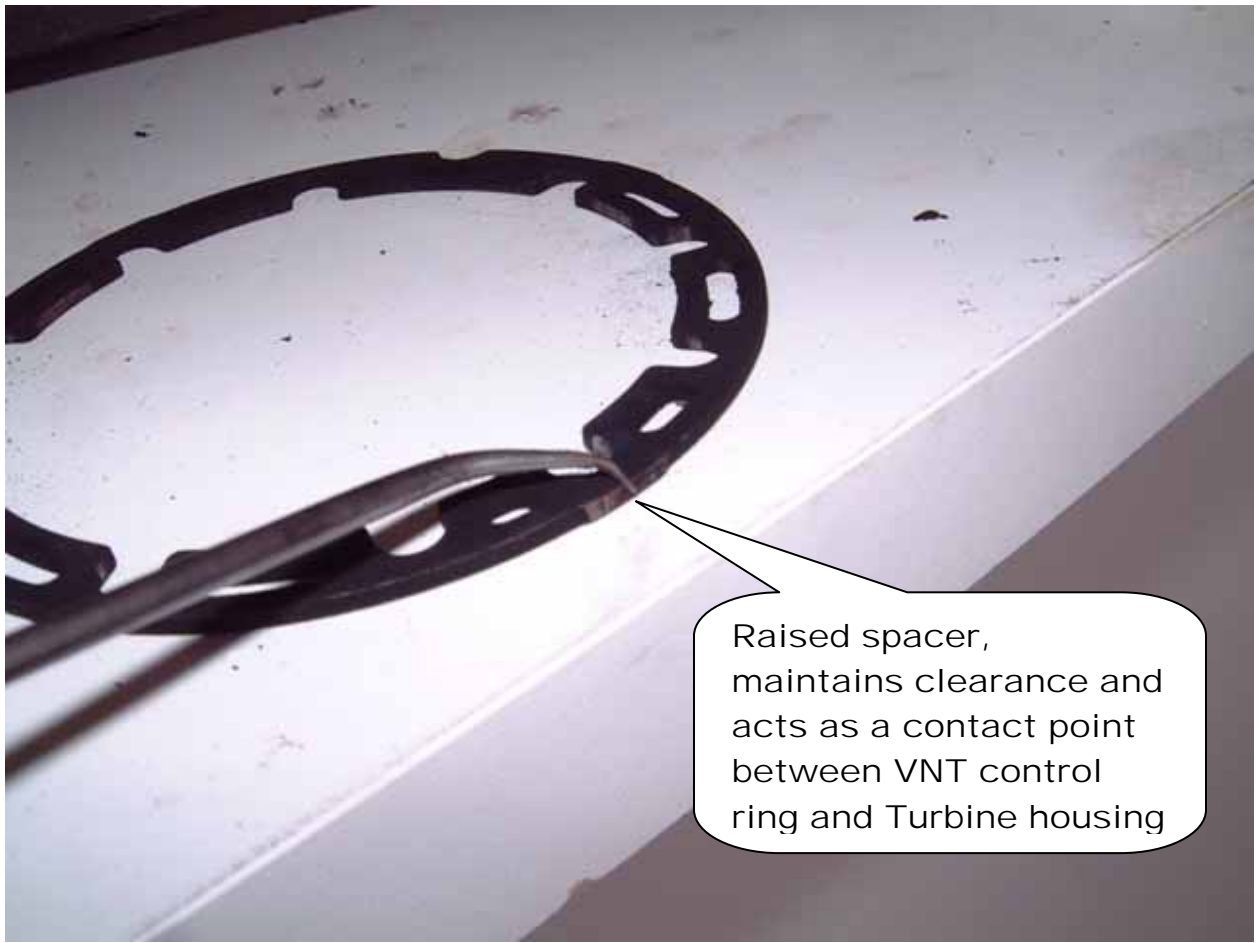








Clean the VNT face
of all soot residues
using Green
Scotch-Brite...

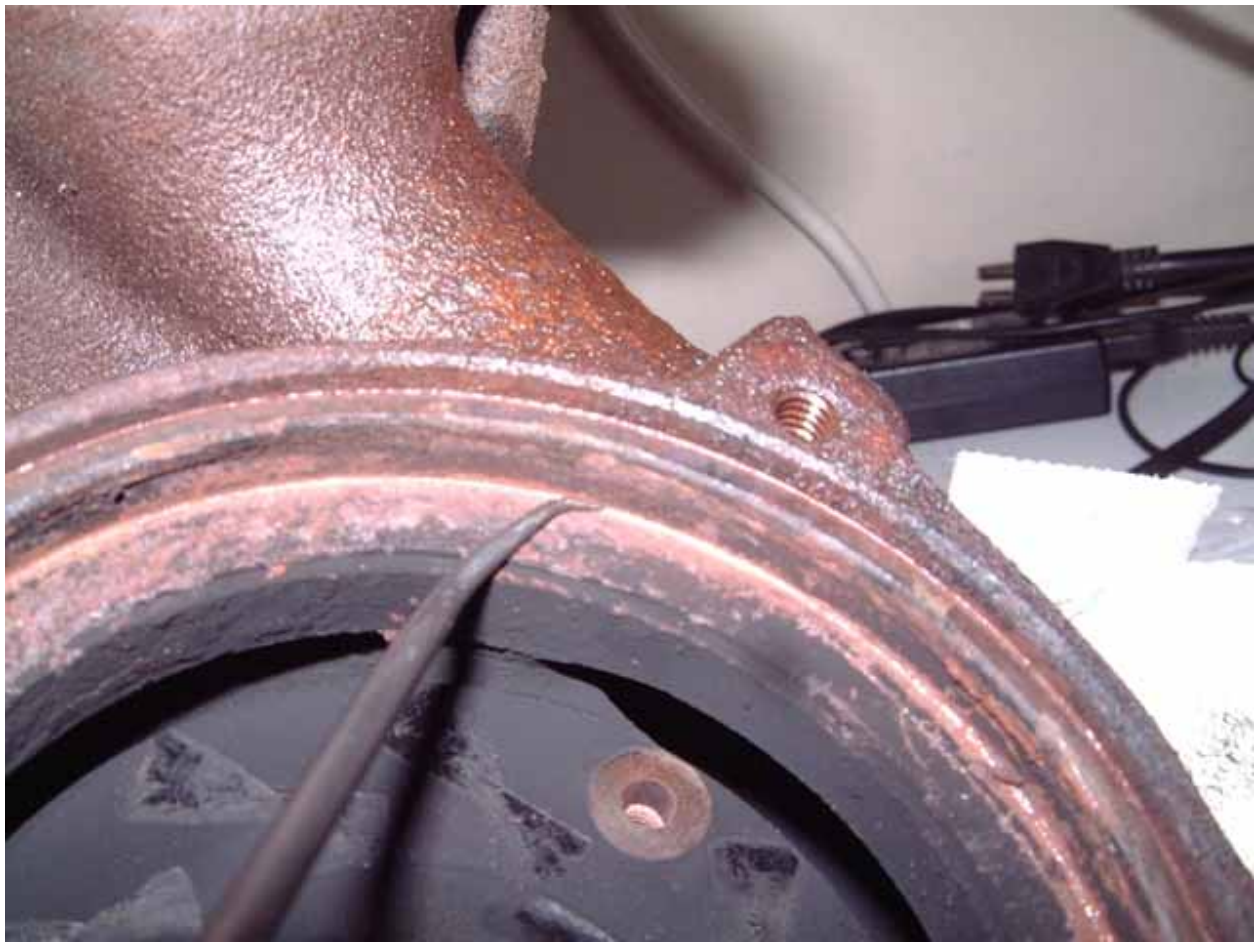


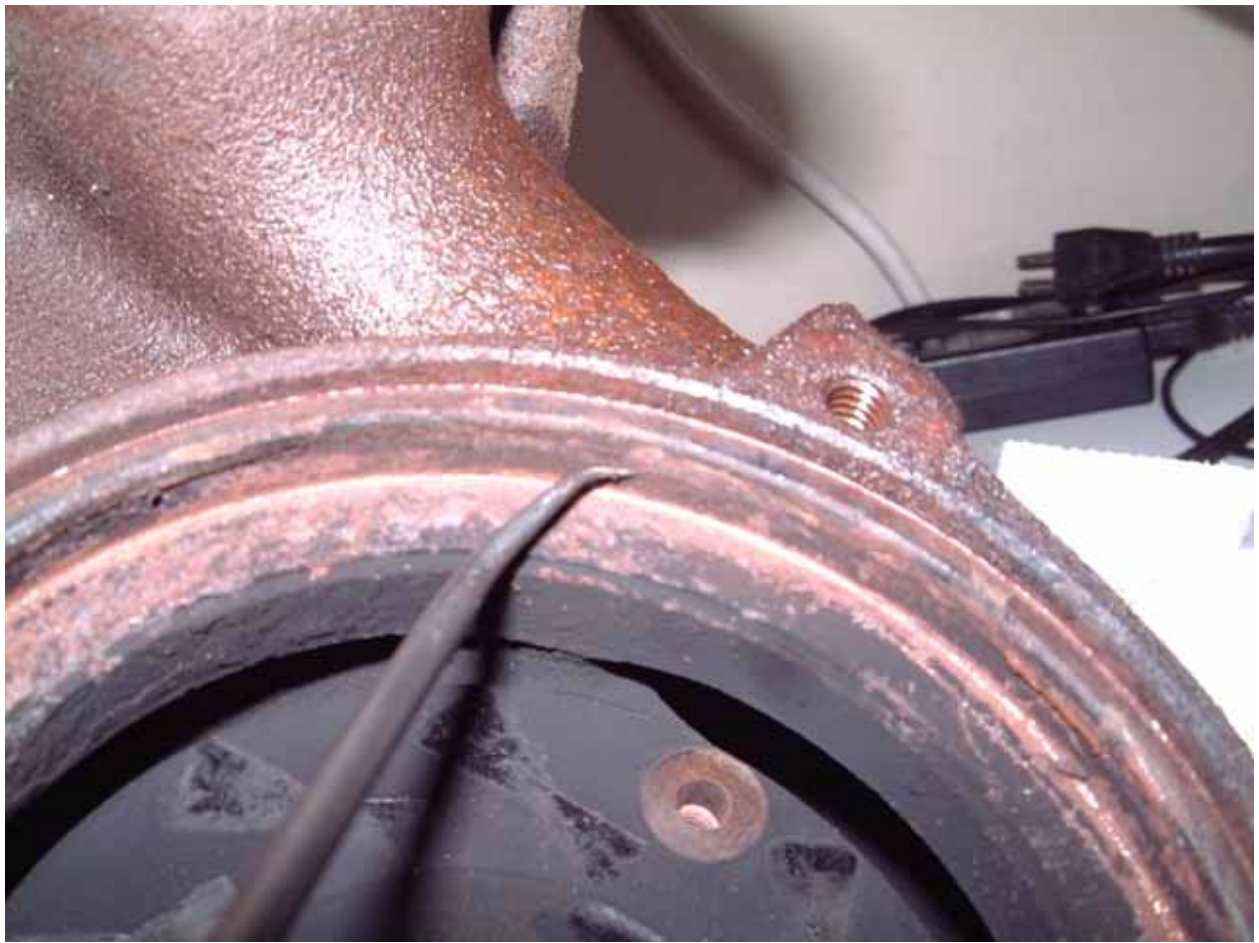
Raised spacer,
maintains clearance and
acts as a contact point
between VNT control
ring and Turbine housing



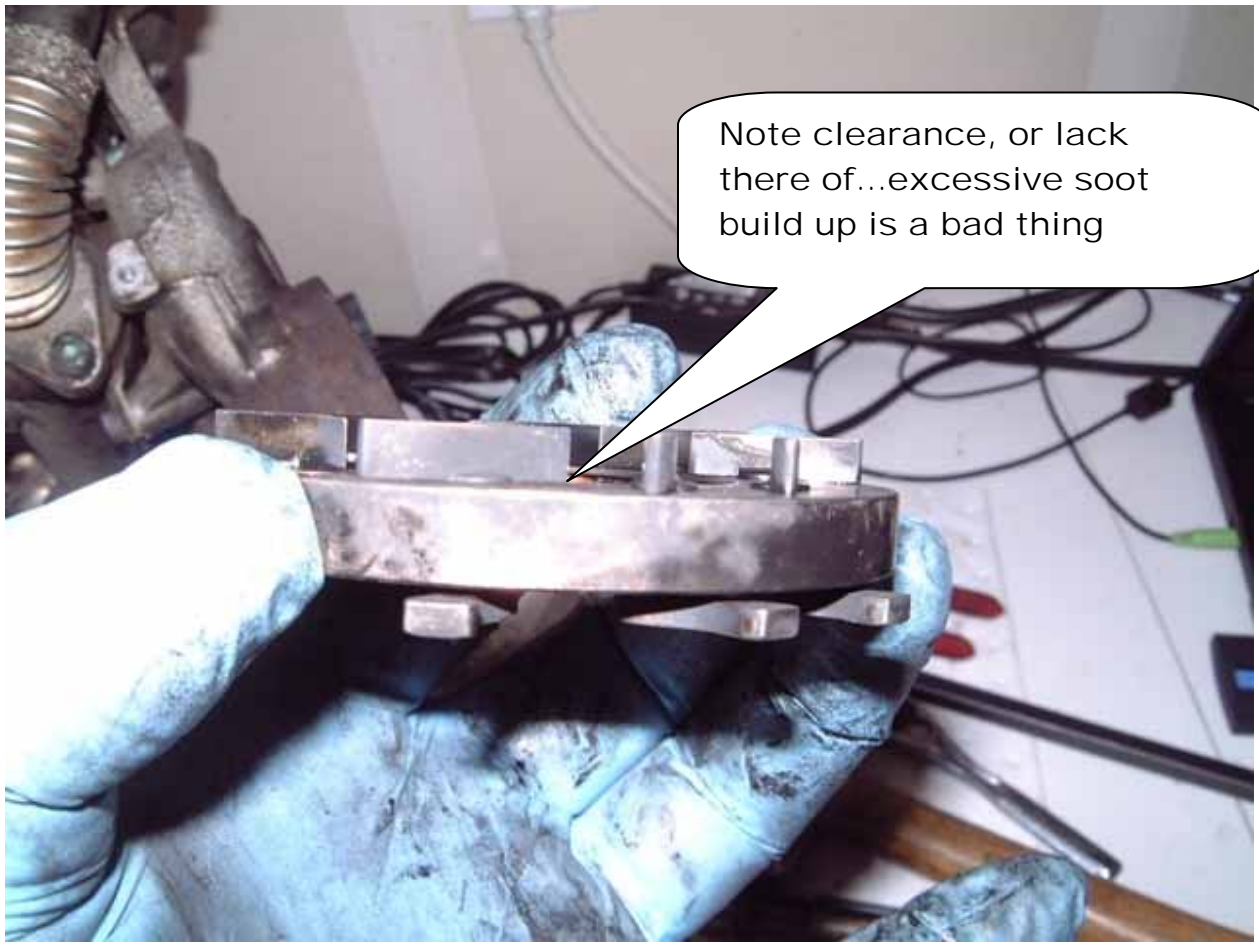




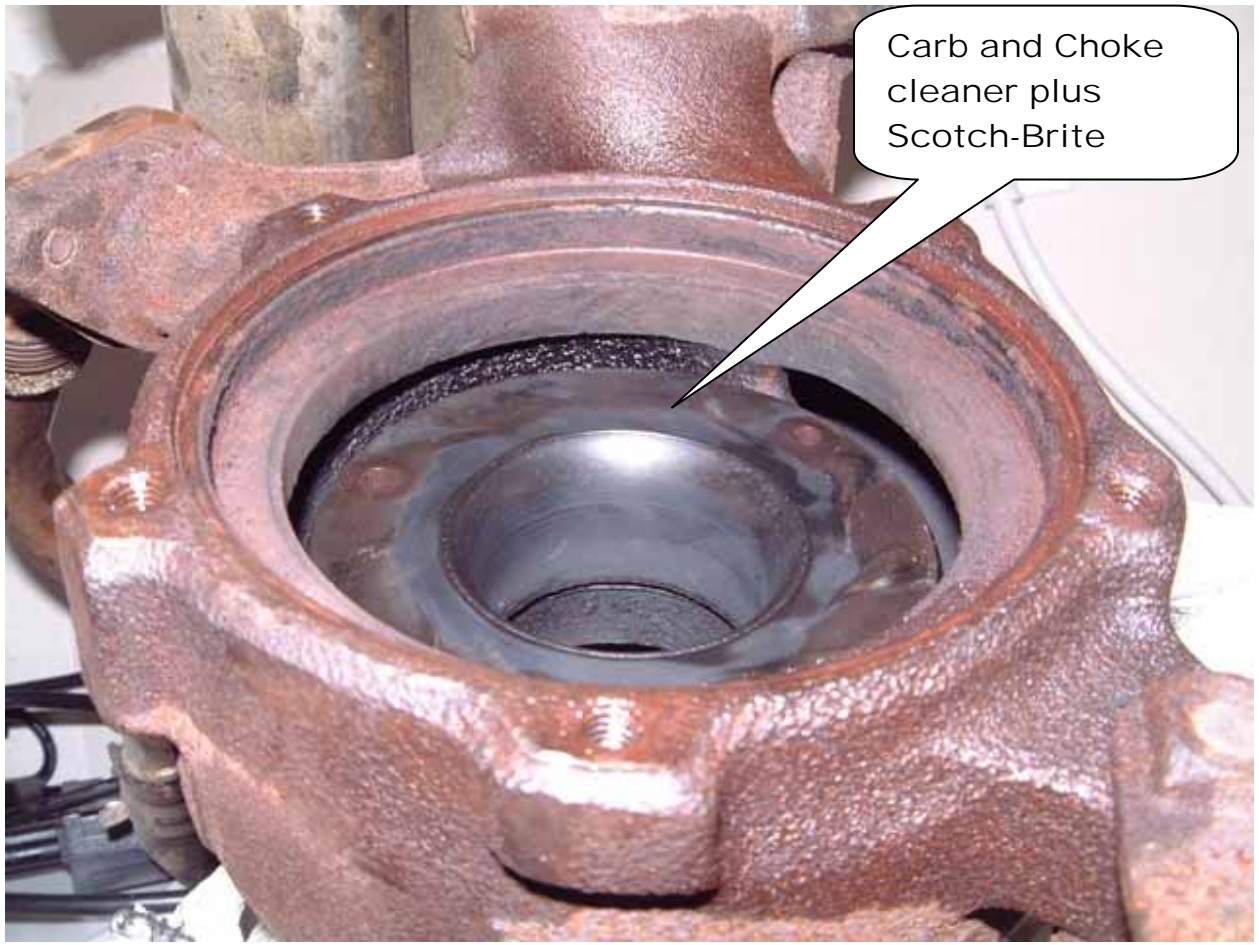






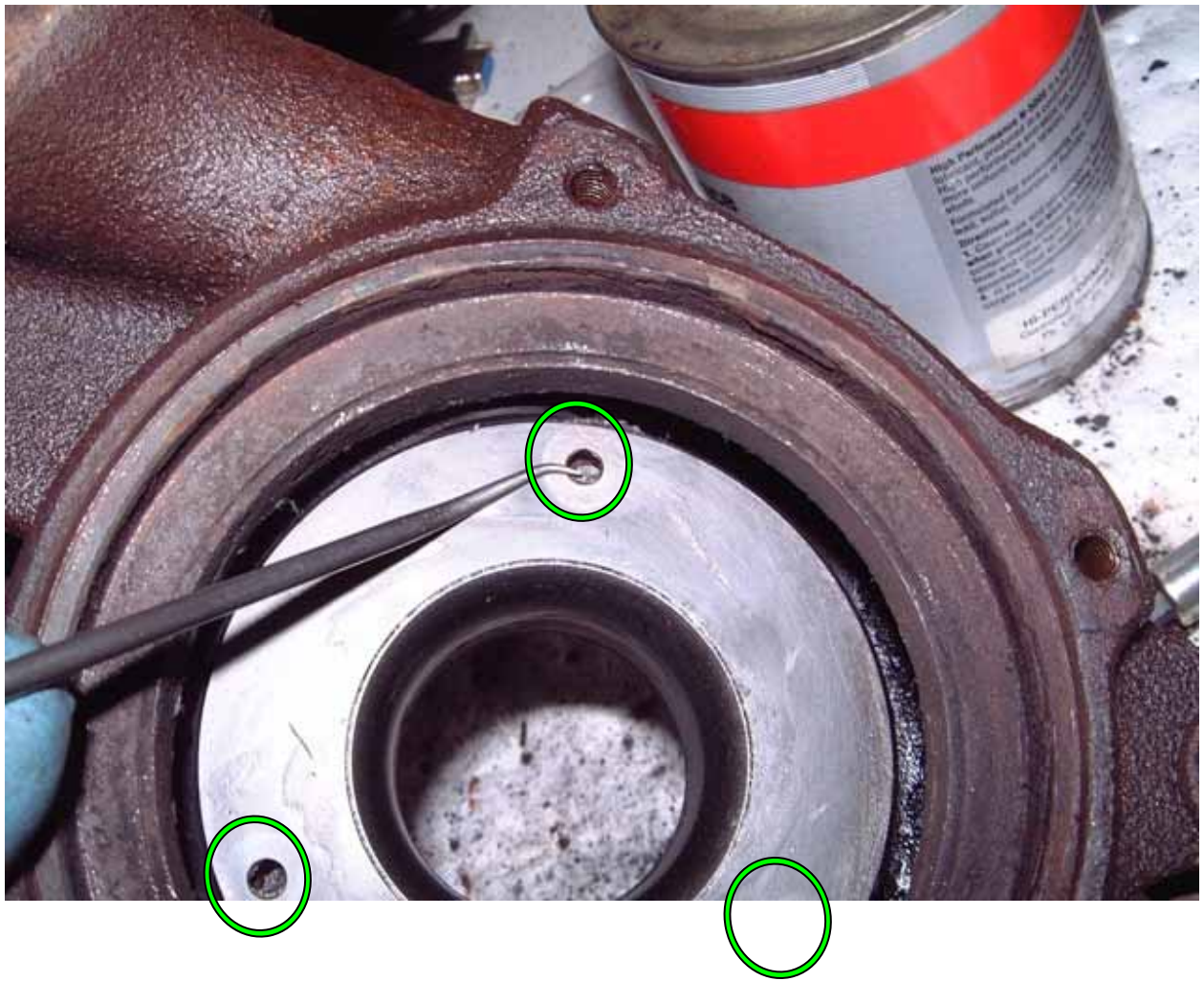




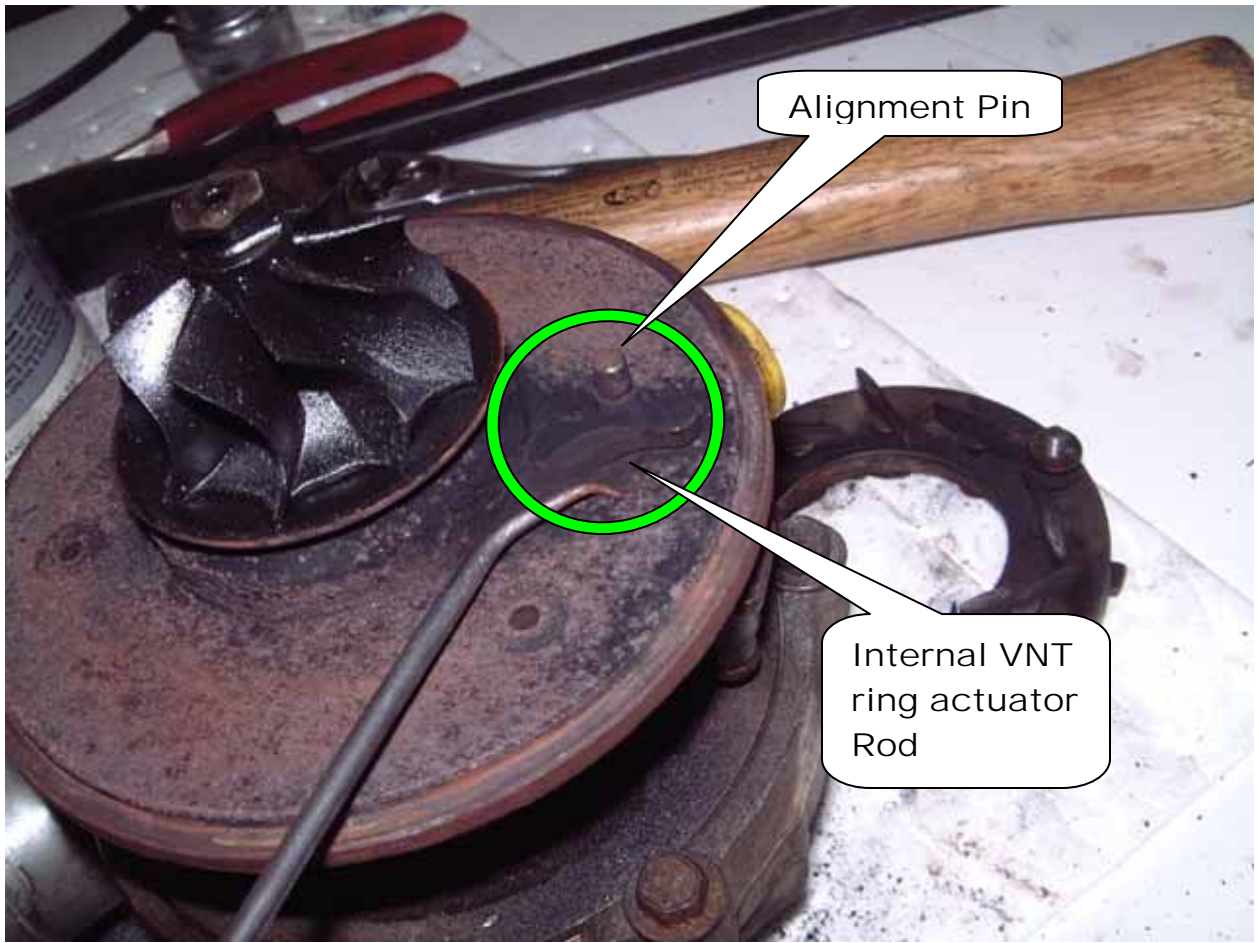










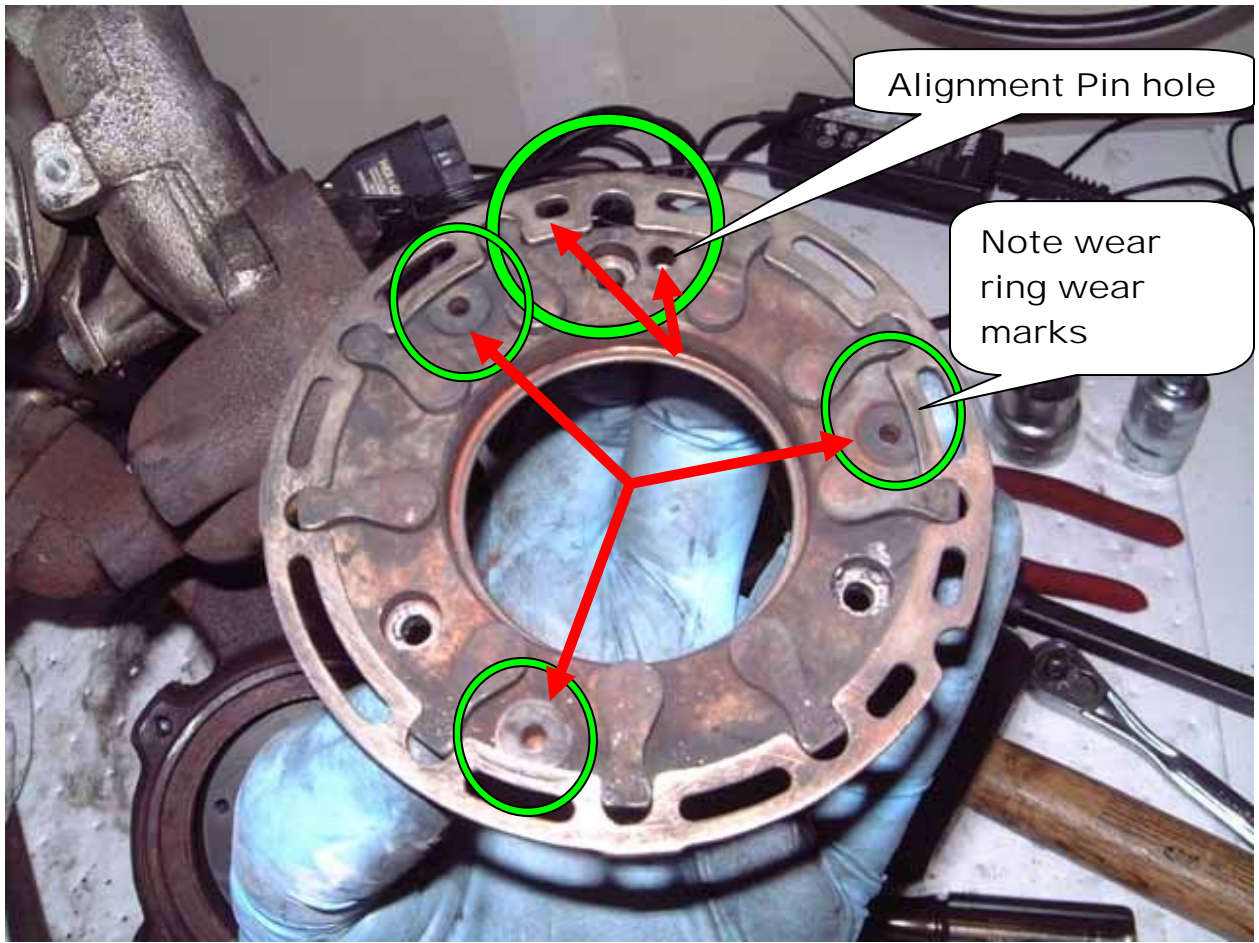


Alignment Pin

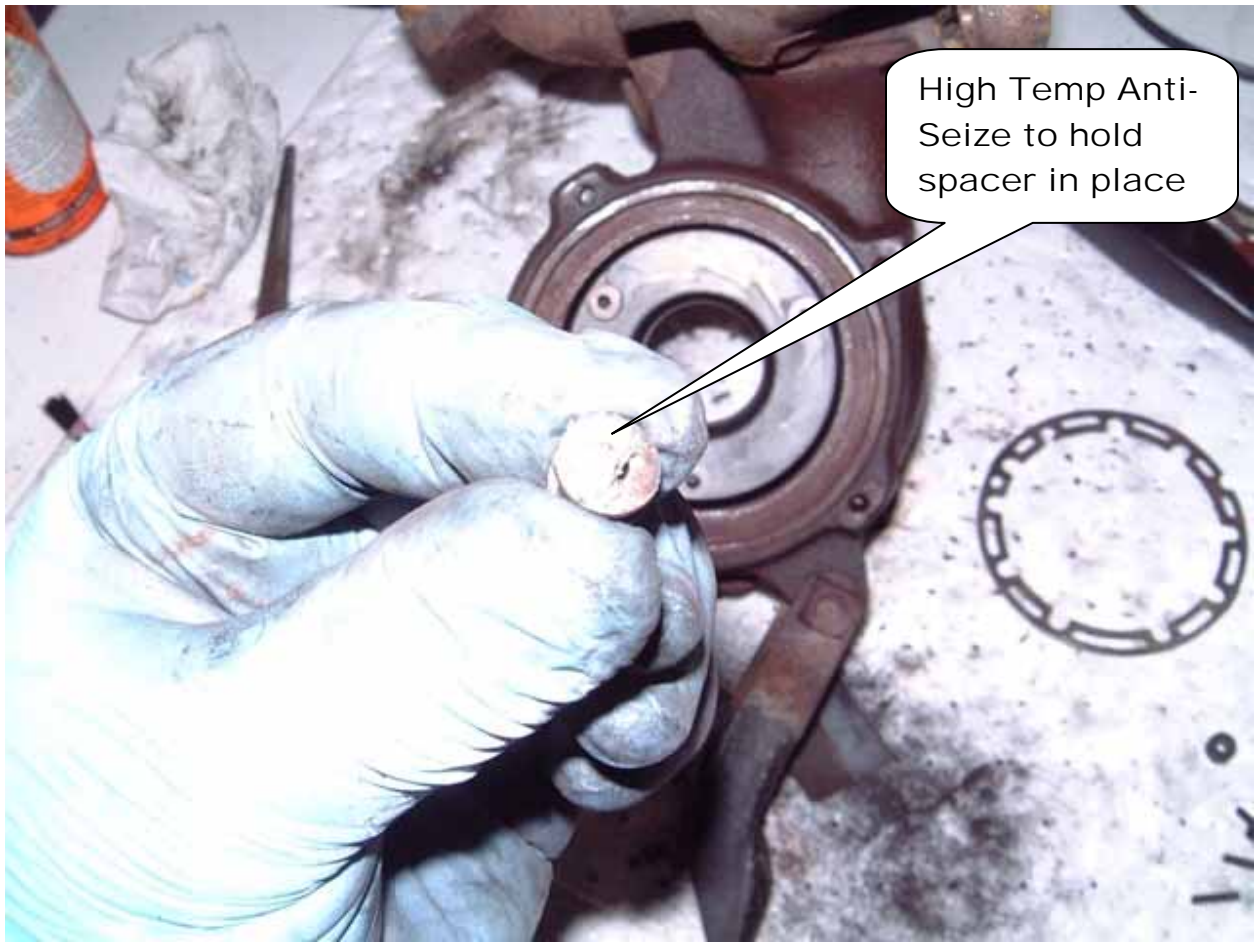
Internal VNT
ring actuator
Rod

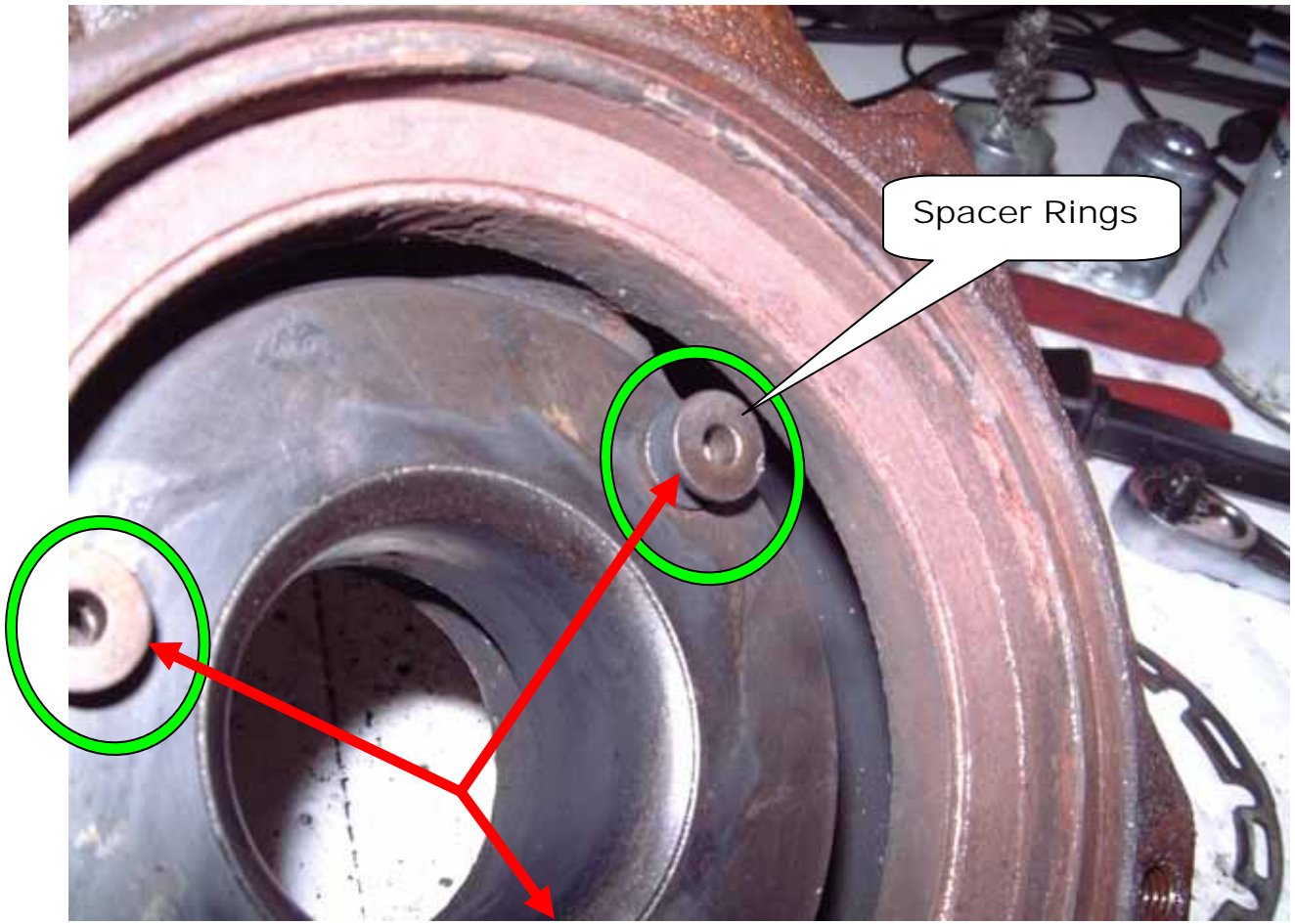


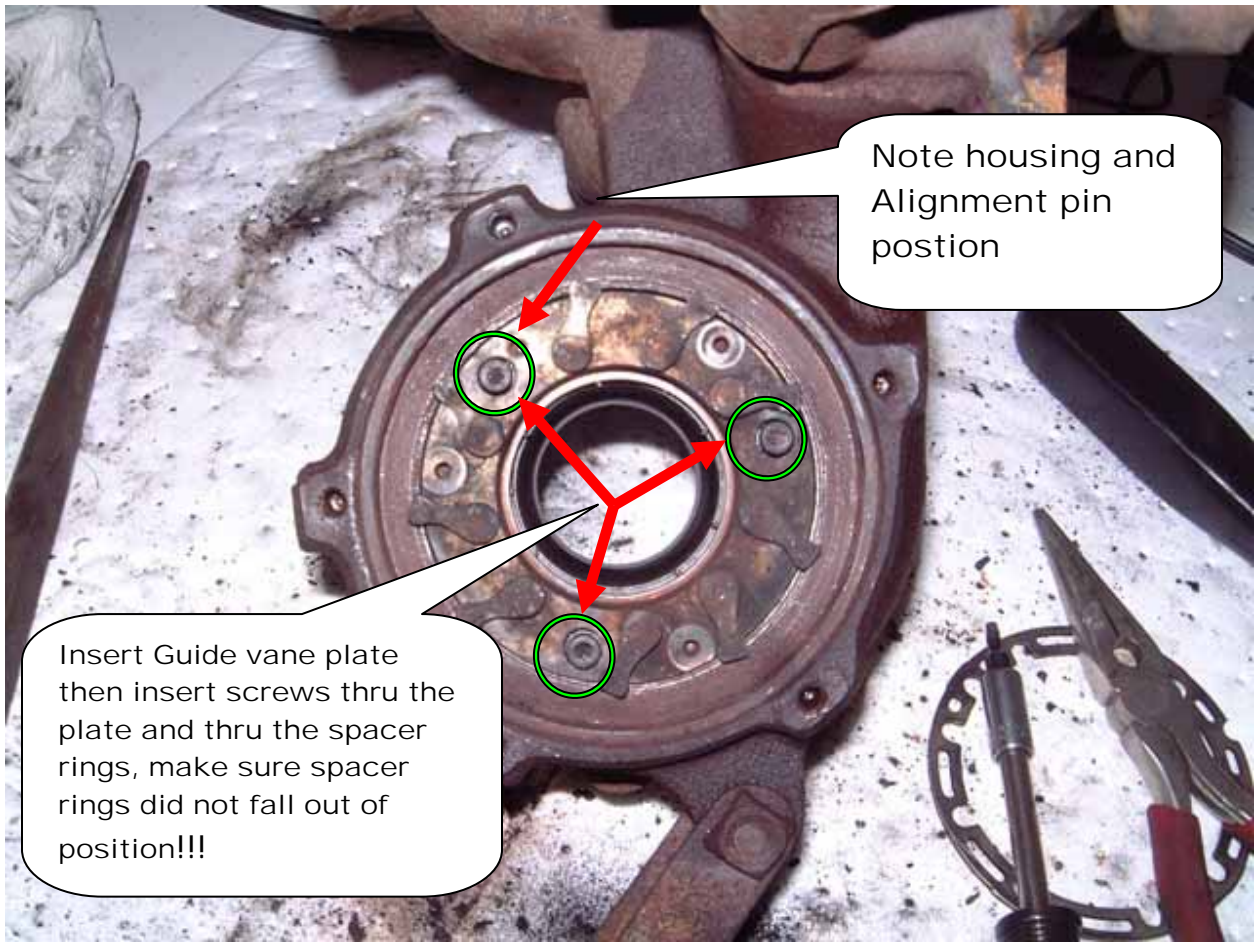
Emery Cloth
to remove











Note housing and Alignment pin position

Insert Guide vane plate then insert screws thru the plate and thru the spacer rings, make sure spacer rings did not fall out of position!!!

