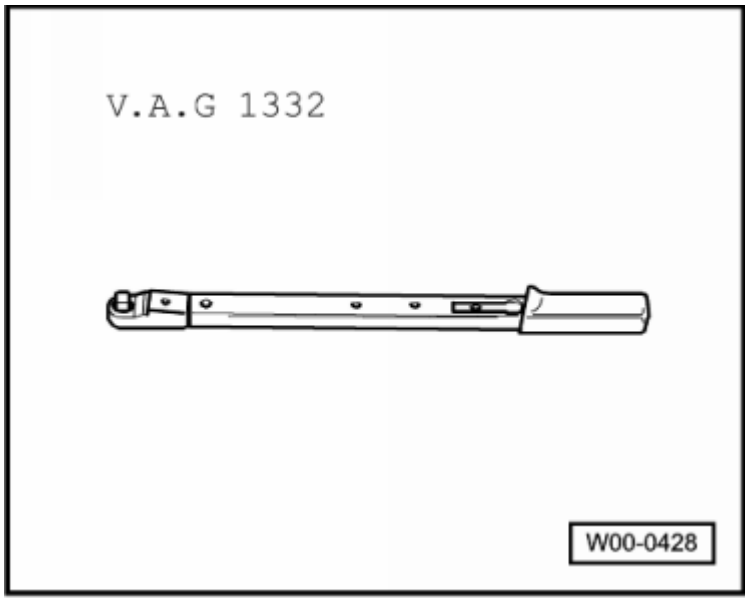
Servicing drive shaft
Removing and installing drive shafts

Special tools and workshop equipment required

- V.A.G 1332 Torque wrench



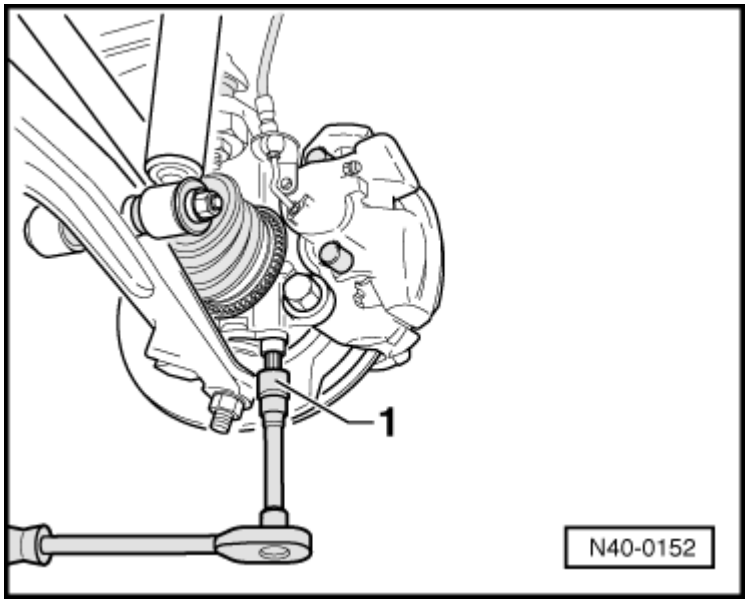
Vehicles with manual gearbox:

Removing

The wheel bearings must not be loaded if a hexagon bolt is loose.

If a wheel bearing is loaded by the vehicles own weight, the wheel bearings will be stressed and the life expectancy reduced.

- Lift vehicle until the load on the front axle is relieved.
- Remove hexagon bolt for drive shaft.
- Remove noise insulation tray.
- Relieve torsion bar tension => Page 40-13 removing and installing torsion bar/adjusting torsion bar.
- → Separate bolted connection for wheel bearing housing/lower swivel joint.



1 - 14 mm AF multi-point key (e.g. Hazet 990)

- Remove bolt for shock absorber/anti-roll bar coupling link.
- Disconnect drive shaft at gearbox drive flange.
- Push shock absorber completely together.
- Take out drive shaft.

Vehicles with automatic gearbox:

Removing

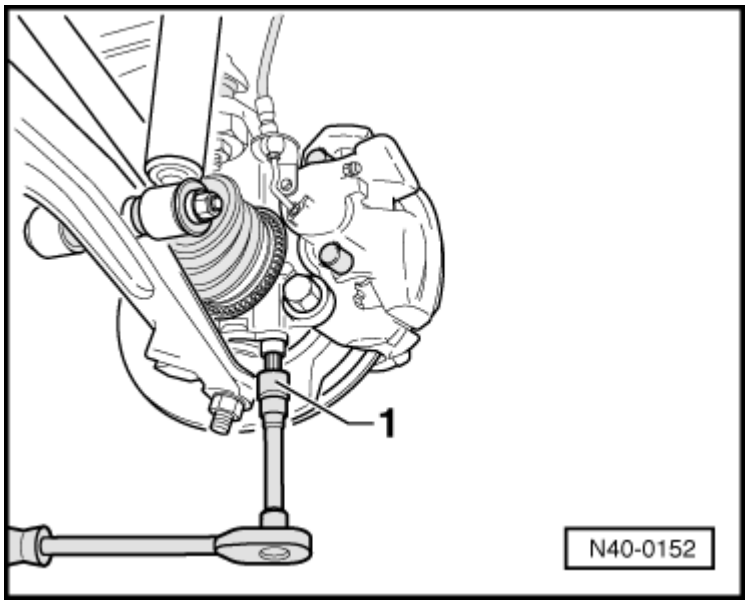
- Lift vehicle until the load on the front axle is relieved.
- Remove hexagon bolt for drive shaft.
- Remove noise insulation tray.
- Relieve torsion bar tension => Page 40-13 removing and installing torsion bar/adjusting torsion bar.
- Detach left-hand shock absorber from lower wishbone and push

completely together.

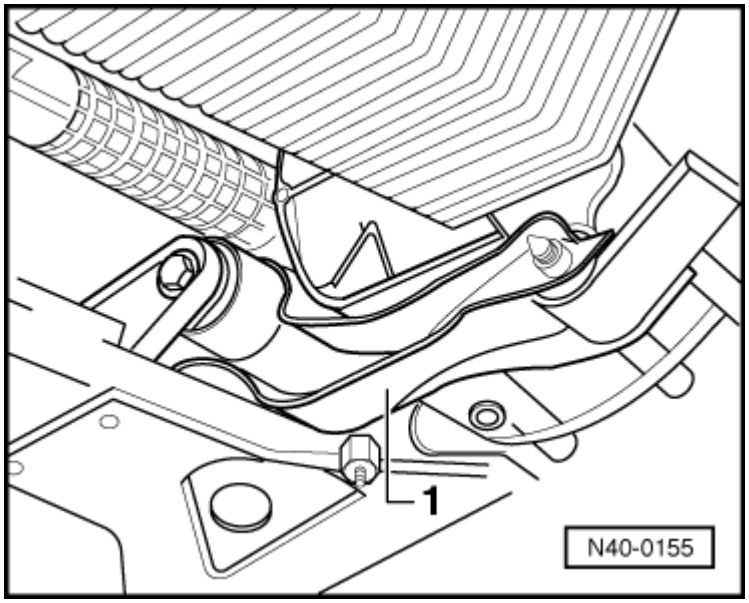
- → Separate bolted connection for wheel bearing housing/lower swivel joint.

  1 - 14 mm AF multi-point key (e.g. Hazet 990)

- Separate connector from multi-function switch.



- Disconnect drive shaft at gearbox drive flange.
- → Unbolt pendulum support -1- from gearbox.
- Take out drive shaft, to do this push engine/gearbox slightly forwards.



Installing

Install in reverse order.

Tightening torques:

Drive shaft to flange shaft	80 Nm
Wheel bearing housing to lower swivel joint Use new bolts!	90 Nm and then turn 90° further
Wheel bolts to wheel hub	160 Nm
Shock absorber to wishbone	160 Nm
Drive shaft to hub Use new bolts!	150 Nm + 90°
Pendulum support to gearbox Use new bolts!	80 Nm + 90°