

## Removing and installing viscous coupling

### Removing and installing viscous coupling

(Final drive installed)

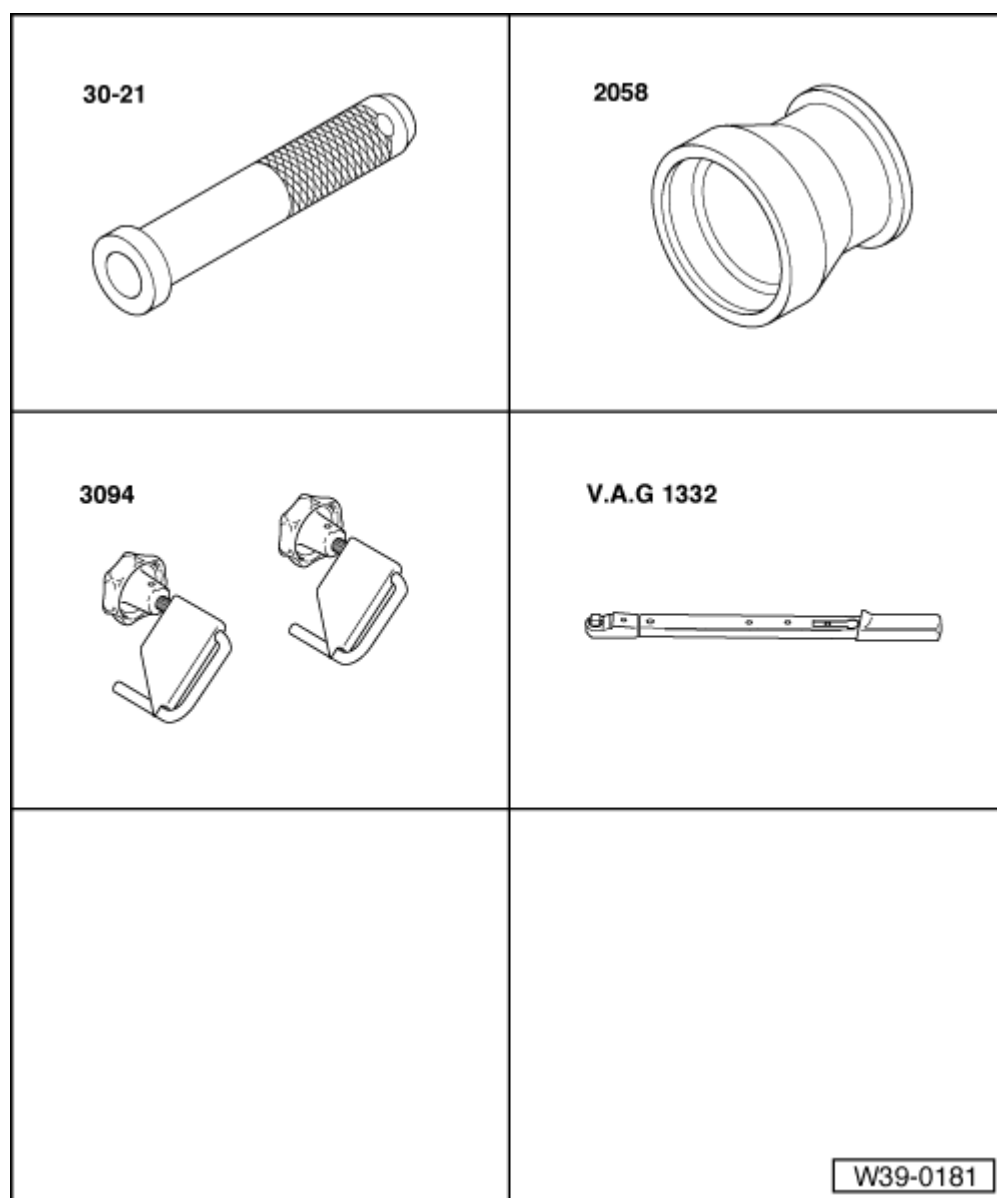
#### Special tools, workshop equipment, test and measuring appliances and aux. items required

- 30-21 Sleeve
- 2058 Fitting sleeve
- 3094 Hose clamps
- V.A.G 1332 Torque wrench

#### Removing

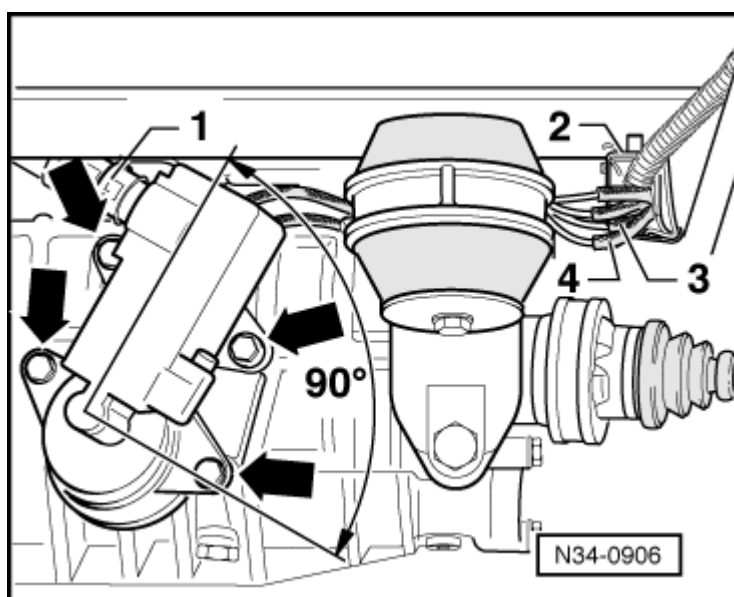
#### Vehicles with freewheel lock:

- Lock freewheel as follows:
  - Raise vehicle with two column lift.
  - Start engine.



- Depress clutch, engage reverse gear (clutch remains depressed). Freewheel lock must be heard to engage, second mechanic turns rear wheel if necessary.
- → A second mechanic must additionally clamp off vacuum pipe/hose -4- (brown) to vacuum element with clamp 3094.
- Switch off engine. Switch on ignition again. Reverse gear remains engaged.

- Pull on handbrake.
- Removing rear propshaft =>Page [39-106](#)



**Notes:**

- Mark positions of front, centre and rear propshaft to one another as well as flexible coupling/balance weight to viscous coupling with paint.
- By offset installation the imbalance may be so large so as to cause rumbling noises and damage to bearings.

- Lever out viscous coupling/shaft bevel gear seal using a screwdriver.

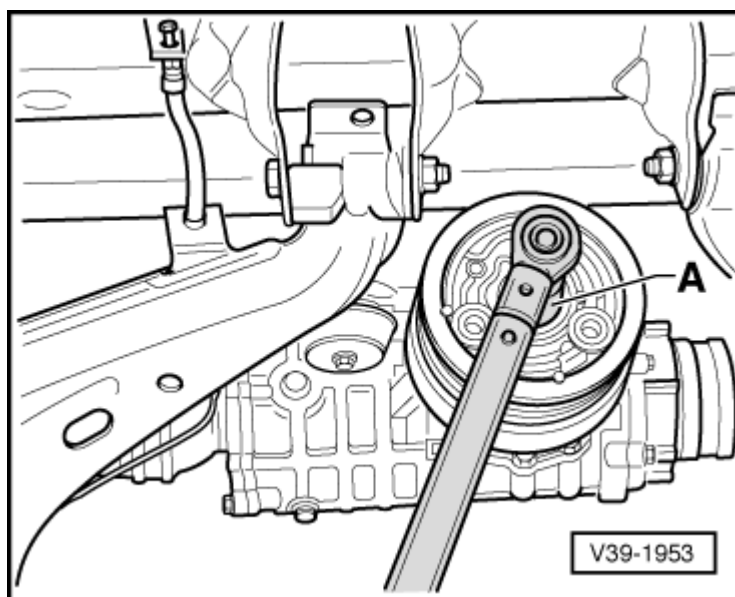
- → Remove centralising nut using socket insert -A-.

- Pull off viscous coupling.

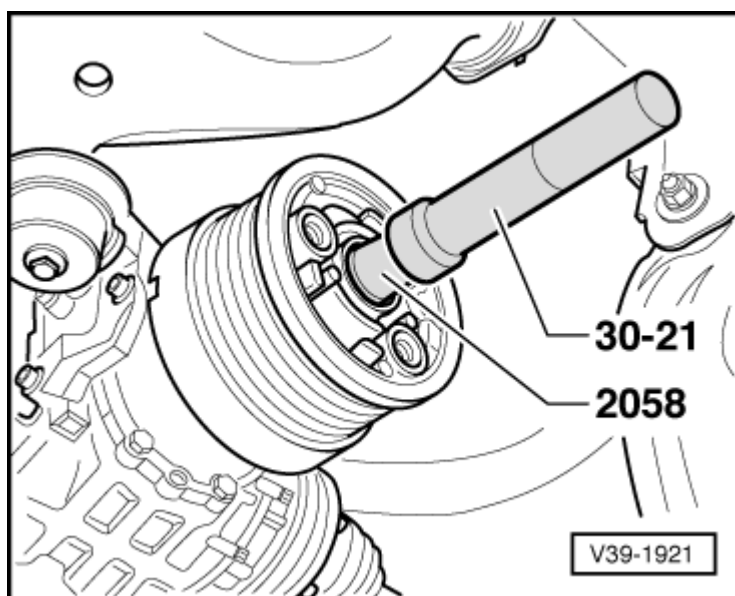
**Installing**

Install in reverse order but note following:

- Lubricate new viscous coupling/shaft bevel gear seal outer diameter with gear oil.
- Half fill space between sealing lip and dust lip with grease G 052 128 A1.



- → Drive new seal in onto stop (tool 2058 larger diameter towards seal).
- Install viscous coupling centralizing nut with locking compound D 000 600 A2.
- Remove hose clamp from vacuum pipe/hose on vehicles with freewheel lock.
- Checking rear final drive oil => Page [39-173](#).

**Tightening torques**

Viscous coupling centring nut to shaft bevel gear => Page [39-175](#), item [2](#)