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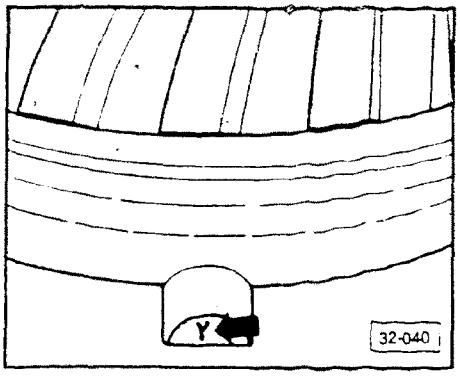
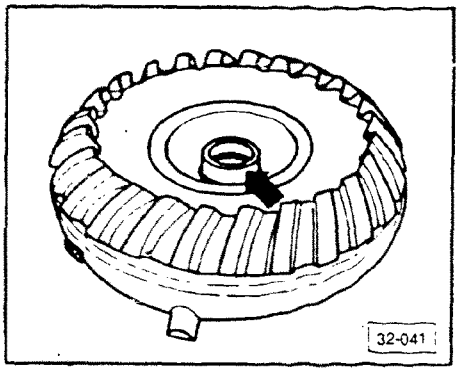
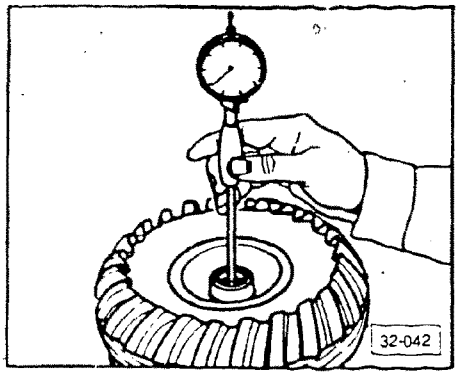
★ NEW INFORMATION since last filming







Torque converter, disassembling/ assembling

Torque converter, identifying

- identify torque converter by a code letter (**arrow**)
  - see Technical data, Repair Group 37 for vehicle application

Torque converter, checking

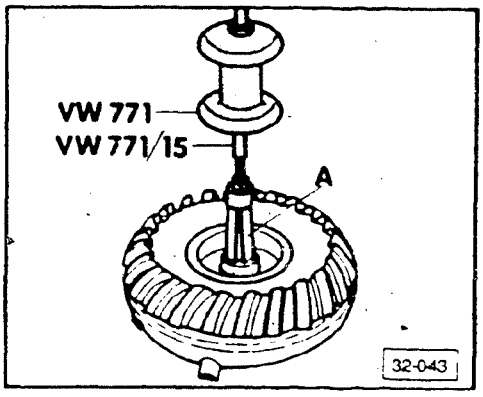
- check torque converter hub for scoring (**arrow**)
- check cooling vanes for secure fit
- insert turbine shaft and check for free movement of turbine
- check bushing for wear

Note

Replace torque converter if damaged. Only the torque converter bushing can be renewed.

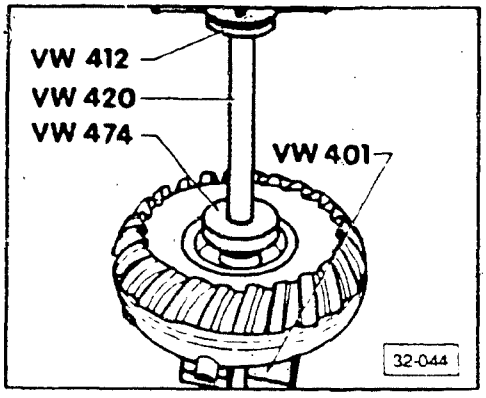
Bushing for torque converter, checking

- maximum wear limit diameter = 34.25 mm (1.348 in.)
- maximum out-of-round = 0.03 mm (0.001 in.)



Bushing for torque converter, removing

- **A** — commercial puller e.g. **US 1108** or **Kukko 21/5** (30-37 mm)



Bushing for torque converter, installing

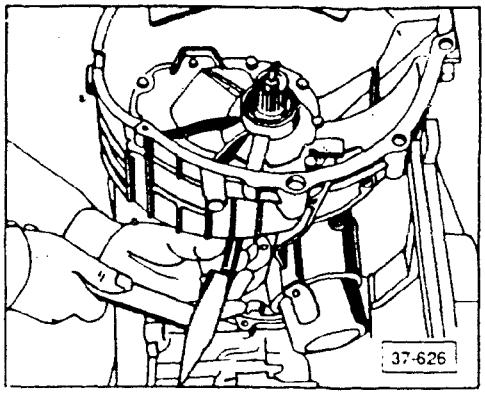
- press bushing in until seated

CAUTION

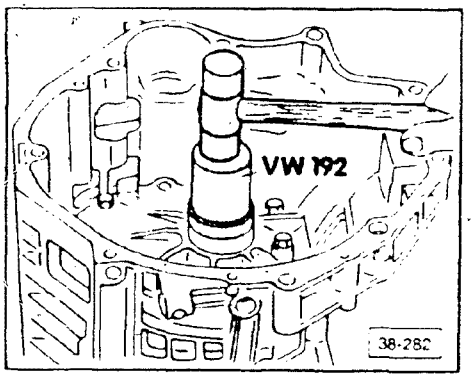
The installed bushing must have an inside diameter of 34.03-34.05 mm (1.340-1.341 in.).

If bushing is less than minimum inside diameter, it may seize. Do not ream out.

After installing bushing, check edge of converter hub for burrs or sharp edges (which may damage seal).



Oil seal for torque converter, removing



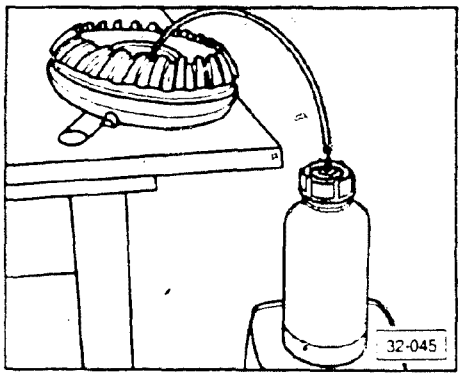
Oil seal for torque converter, installing

- coat seal with ATF and drive in, until seated

CAUTION

Be careful, seal is soft and is easily damaged. Silicone seals must not contact gasoline or any similar solvents.

Torque converter, draining



Note

If ATF is contaminated, drain the torque converter.

Use fluid evacuator **EX1**, if available, and follow the manufacturer's instructions. Otherwise, drain using the manual method:

- place converter in slanted position
- attach small inside diameter hose (with maximum outside diameter of 8 mm) to plastic bottle of about 2 liter capacity
- cut converter end of hose on an angle
- squeeze bottle and hold while inserting free end of hose into converter hub
  - make sure end of hose rests on bottom
- release bottle to allow ATF to flow
- loosen bottle cap when ATF begins to flow