New VW ATF

A new Volkswagen ATF (Automatic Transmission Fluid) is available. **Only the new VW ATF must be used in all Volkswagen Phase II automatic transmissions (types 01M and 01P).** These transmissions have been installed in production beginning in January 1995.

VW ATF is a yellowish-colored fluid unlike the red Dexron® II fluid used previously.

Use Dexron® II transmission fluid only for automatic transmissions in vehicles produced up to and including December 1994. VW ATF can also be used in these transmissions.

**Caution!**

*Do not use Dexron®, Dexron® II or Dexron® III ATF in 01M or 01P transmissions.*

Automatic transmission lubricants, VW Part Numbers

- Final drive: SAE 75W90 (see note below)
- Part No. G 052 145 A2 (1 Liter container)
- VW ATF
- Part No. G 052 162 A2 (1 Liter container)

**Note:**

- VW ATF is also used in the final drive section of the 01M transmission.
- Check the appropriate repair manual, technical bulletin or owner’s manual for correct fluid capacities.
- See the following procedure to check the ATF level or change the ATF in the 01M transmission.
Automatic transmission 01M,

ATF level, checking and topping up

VW ATF is available as a replacement part:

Container size 1.0 L - Part No. G 052 162 A2

- If the ATF level is checked, the seal-arrow-on the ATF level plug must always be replaced.

ATF level, checking

Conditions for performing check:

- Transmission not in emergency running mode, ATF temperature not above approx. 30°C (86°F)
- Vehicle level
- Selector lever at "P"

- Secure reservoir of ATF filling system VAG 1924, or equivalent, to vehicle.

- Connect Scan Tool VAG 1551 and enter address word "02 Transmission electronics" and advance until “Select function XX” indicated on display ⇒ Automatic Transmission Repair Manual, Repair Group 01.
– Start engine.
– Raise vehicle.

**Note:**
*The ATF temperature must not be more than approx. 30 °C (86 °F).*
– Remove ATF level plug from the oil pan (arrow).

ATF present in the overflow tube (inside plug hole) runs out.

– Bring ATF to test temperature.

**Test temperature: 35° C to 45° C (95°F to 113°F)**

**ATF drips out of plug hole:**

ATF level does not need to be topped up.

– Install plug with new seal. Tighten plug to 15 Nm (11 ft lb)

If only the ATF present in the overflow tube comes out of the hole when the plug is removed, top up the ATF level.

**ATF, topping up**

– Pry off plug securing cap -arrow- with a screwdriver. When prying off the cap the locking device will be damaged, therefore always replace the cap.

**Note:**
*On some transmissions a cap with a spring retainer is installed. This type of cap can be used again.*

– Pull plug out of filler pipe.
– Fill with ATF using VAG 1924, or equivalent, until ATF runs out of level plug hole -arrow-. 

**Caution!**

If the ATF level is too high or too low it will adversely affect the operation of the transmission.

– Install plug with new seal -arrow 1- and tighten to 15 Nm (11 ft lb).

– Install sealing plug on filler pipe until spring retainer lock locates, or

– Install sealing plug to filler pipe and secure with new cap -arrow 2-.

– Lock cap.

**Caution!**

*Always replace the cap if it is of the separate cap/plug type. The cap secures the plug.*
ATF, changing

- Remove ATF level plug from oil pan (arrow).
- Remove overflow tube through the plug hole.
- Drain ATF.
- Install overflow tube.
- Screw level plug in hand-tight.
- Fill with 3 Liters of ATF through filler pipe.
- Start engine and shift through all selector lever positions with vehicle stationary.
- Check and top up ATF level ⇒ Page 37-1.

**Specification:** Use only VW ATF