

VIN: 3A56257 Vehicle: MINI/F56/HAT/Cooper/B38/AUTO/USA/LL/2014/09

System Version: 3.46.30.12832 Data Version: R3.46.30.12832

00 11 500 Checking/topping up oil level in
automatic transmission (AISIN F21FT)



Important!
Use only the [approved automatic transmission oil](#) in this automatic transmission.

Failure to comply with this requirement will result in serious damage to the automatic transmission!



Note:
Level out oil level in automatic transmission via overflow connector.



- Necessary preliminary tasks:**
- Remove [front underbody protection](#)
 - Remove [intake silencer housing](#)



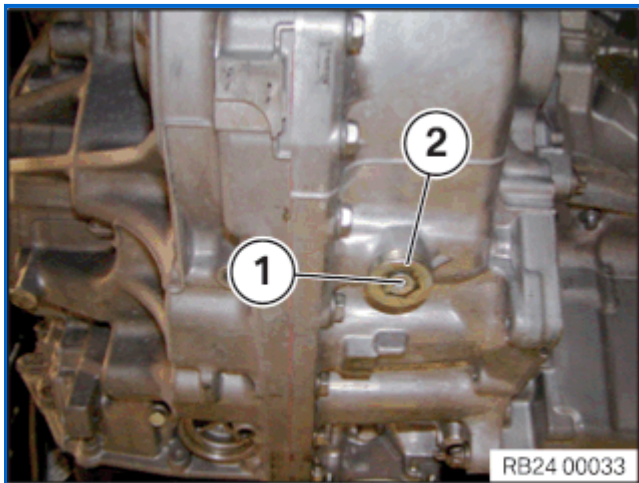
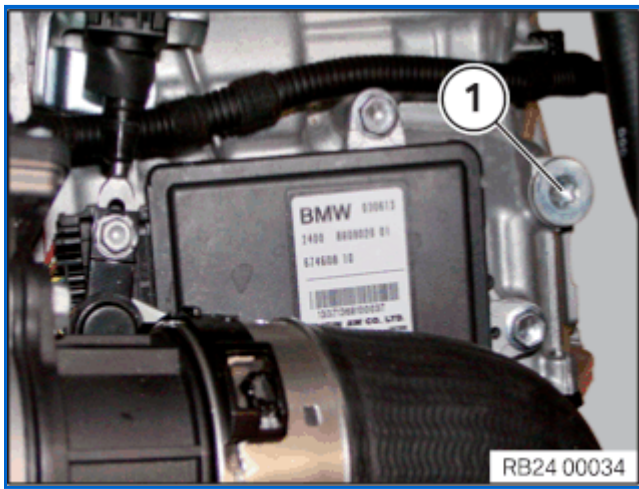
Removal:

Move selector lever to "P" position.

The vehicle must be horizontal and secured against rolling off.

Connect BMW diagnosis system.

Release oil filler plug (1) with Torx T55.

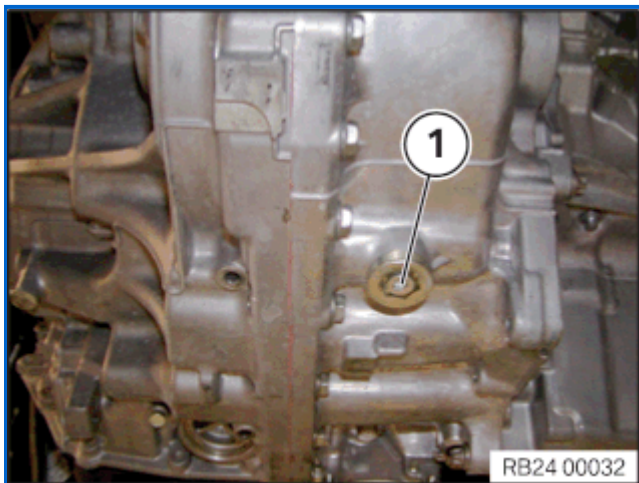


Draining transmission oil:

Release overflow plug (1) with Torx T40.

Release oil drain plug (2) with 17 mm hexagon socket wrench.

Tightening torque [24 11 1AZ](#).



Top up transmission oil. (Transmission oil has been drained)

Release overflow plug (1).

Tightening torque [24 11 2AZ](#).

Top up automatic transmission fluid at oil filler plug until oil emerges at overflow plug.

Start engine and run at idle speed.

Check whether automatic transmission fluid emerges at overflow plug.

If not, continue to add ATF.

Actuate footbrake and at idle shift through all gears "P" to "D" twice for more than 2 seconds.

Then move switch to "P" position.

Check again whether automatic transmission fluid emerges at overflow plug.

Check the temperature of the automatic transmission fluid with the BMW Diagnosis System.

Increase temperature of automatic transmission fluid to 35 ... 45

°C.

Top up automatic transmission fluid until it flows over.

Screw in oil filler plug and overflow plug.

Tightening torque [24 11 2/3AZ](#).

Installation note:

Parts: Replace sealing rings.

Check oil level (oil temperature must be between 35 and 45°C):

Open oil filler plug.

Slacken overflow plug (1).

Tightening torque [24 11 2/3AZ](#).

Start engine and run at idle speed.

Unscrew and remove overflow plug.

Check whether automatic transmission fluid emerges at overflow plug (1).

If not, pour in automatic transmission fluid up to oil filler plug.

Top up automatic transmission fluid until it overflows at overflow plug.

Actuate footbrake and at idle shift through all gears "P" to "D" twice for more than 2 seconds.

Move switch to "P" position.

Check oil level again.

Seal screws when the oil emerges slightly from overflow plug.

Tightening torque [24 11 2/3AZ](#).

Installation note:

Parts: Replace sealing rings.



Required follow-up work:

- Install front [underbody protection](#)
- Install [intake silencer housing](#)



Connect BMW diagnosis system:

1. Delete fault memory