



“CHANGING FLUID ON A G35 6MT” BY AZHITMAN

Changing trans oil on a G35 6MT:

NOTE: Do NOT use GL5 transmission fluid. It will damage the synchros in the Nissan transmission. You need GL4 fluid. Most fluid you buy at autoparts stores is GL5.

I recommend a mixture of 2 quarts Redline MTL (70W-80) and 2 quarts Redline MT-90 (75W-90), as Nissan calls for 75W-85 oil.

Jack up car and place on jackstands.

You will see 1 drain plug on the bottom of the transmission, and 1 fill plug on the passenger side. Both use a 10mm Hex Socket.

Slide the oil drain container directly under the drain plug and remove the drain plug. Wear gloves, as it pours out very fast.

Remove the fill plug and allow the contents to drain for awhile.

While waiting for the fluid to drain, prepare the new fluid for insertion. Get the fluid suction gun ready, and open all the fluid bottles.

Check that the fluid is fully drained. Replace the drain plug and torque it down.

Use a hand-held pump to pump new fluid from the bottles into the trans. These can be bought for around \$10 at any autoparts store, and save a TON of hassle.

Once you have finished there may be some overflow dripping out of the fill hole.

Insert the fill plug and torque down per the manual.

Replacement DRAINING

AC5504NL

1. Start the engine and warm up the transmission unit sufficiently.
2. After stopping engine, remove filler plug and drain plug and then drain fluid.
3. After replace a new gasket on drain plug, screw drain plug into transmission body and tighten to the specified torque. Refer to [MT-22, "CASE COMPONENTS"](#).

CAUTION:

Gaskets are not reusable. Never reuse them.

FILLING

1. Remove filler plug. Fill new oil into the transmission to the level of the filler plug mounting hole.

Oil grade: API GL-4

Viscosity: Refer to [MA-11, "Fluids and Lubricants"](#).

Oil capacity: Approx. 2.9 ℓ (3-1/4 US qt, 2-3/4 Imp qt)

2. After filling, check fluid level, replace a new gasket on filler plug, screw filler plug into transmission body, and tighten to the specified torque. Refer to [MT-22, "CASE COMPONENTS"](#).

CAUTION:

Gaskets are not reusable. Never reuse them.

Checking

OIL LEAKAGE AND OIL LEVEL

AC5504WM

- Check if oil is leaking from transmission or around it.
- Check oil level from filler plug mounting hole as shown in the figure.

CAUTION:

Never start engine while checking oil level.

- When screwing in filler plug with a new gasket, first screw into the transmission by hand, then tighten to the specified torque. Refer to [MT-22, "CASE COMPONENTS"](#).

CAUTION:

Gaskets are not reusable. Never reuse them.

