

B2CI08K1 - 406D9 4HP20 AUTOMATIC GEARBOX

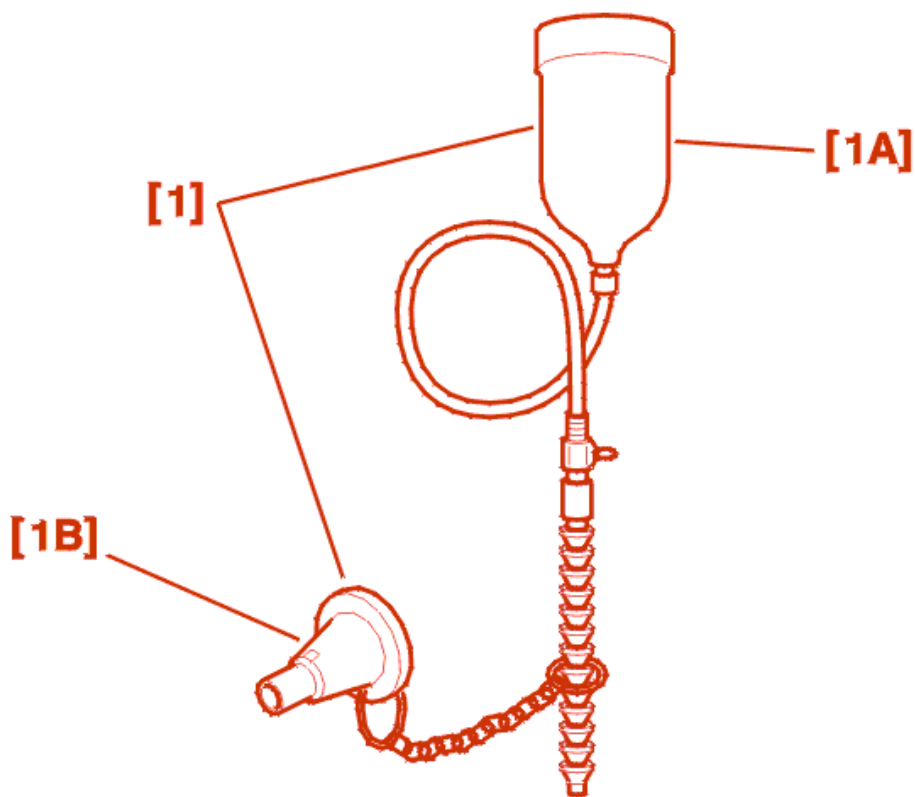
DRAINING / REFILLING / CHECK OF LEVEL OIL

1 - FOREWORD

The 4HP20 autoadaptive automatic gearbox is lubricated for life .

Top up the oil level (Every 60000 km) .

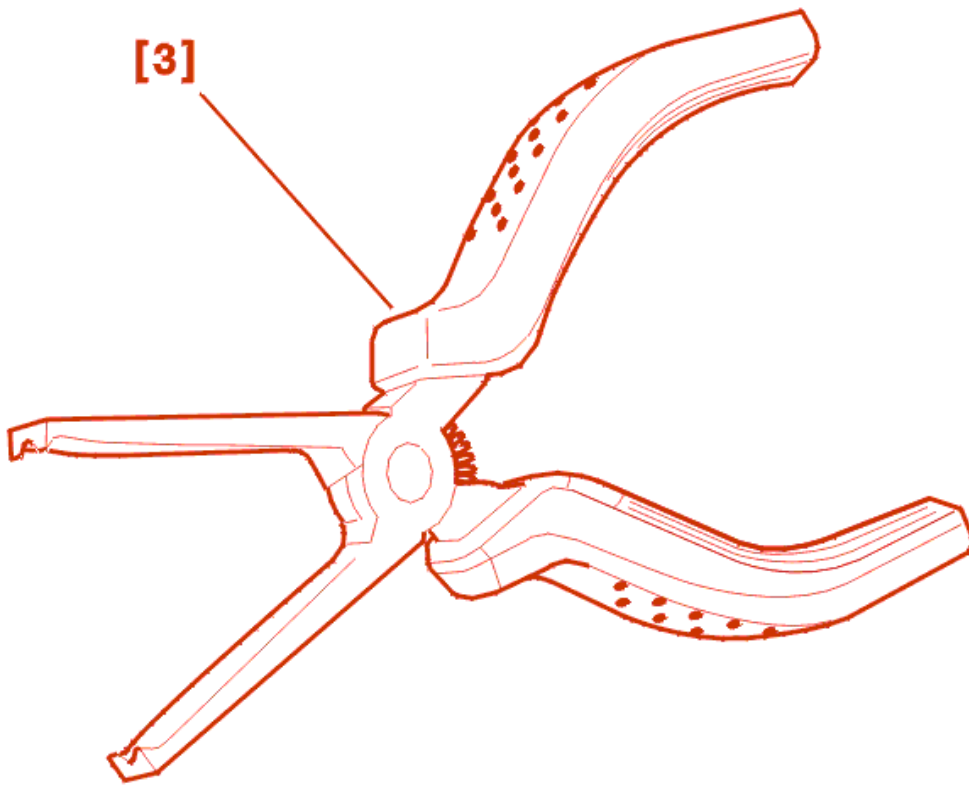
2 - SPECIAL TOOLS



[1]Filling assembly (-).0341 .

[1A] Filling cylinder (-).0341-A .

[1B] 4HP20 adaptor without gauge (-).0341-B .



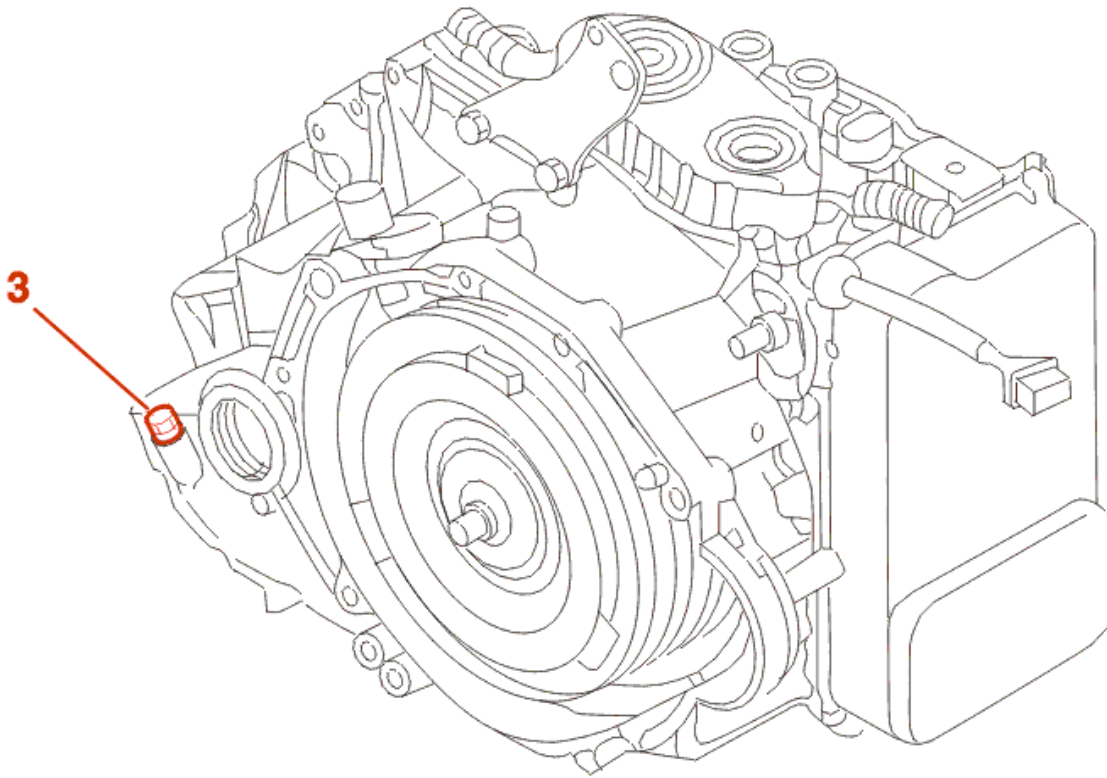
Pliers (-).0170-Y .

3 - CHECK

IMPERATIVE : use only ESSO LT 71141 fluid .

Prior conditions :

- check absence of faults using the diagnostic equipment [2]
- place the vehicle on a lift, vehicle level
- gear lever in position P, without handbrake
- major power consuming equipment disconnected
- connect the diagnostic equipment
- select the parameter measurement function
- ensure, before starting this operation, that the oil temperature is below 55 degrees C, if it is not, allow the oil to cool
- press the brake pedal
- start the engine (idling speed), take the gear lever through all the gear change positions, return to P



Engine running : At a temperature of 55 ± 1 degrees C, open the oil level plug (3) .

Wait for the temperature to reach 60 ± 1 degrees C .

1st possibility :

- the oil flows, the level is correct
- refit the oil level plug (3); tightening torque 2.5 da.Nm

2nd possibility :

- the oil does not flow
- refit the oil level plug (3)
- add 0.5 litre(s) of oil (refer to section on : refilling)
- resume the checking procedure for the oil level

Refit the metal part of the breather (2) using a 18 mm diameter punch and a hammer .

Clip the plastic portion of the breather (2) .

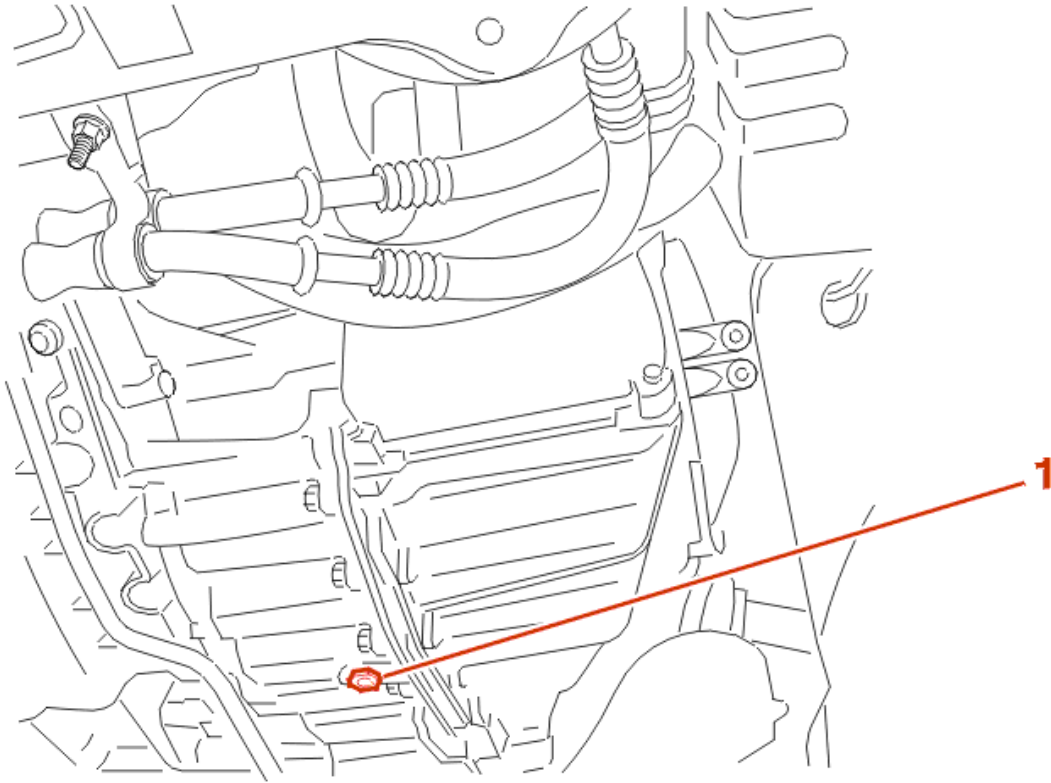
4 - DRAINING

Prior conditions :

- draining to be carried out when hot to eliminate impurities suspended in the oil

Draining is partial because the torque converter cannot be drained completely .

On draining, approximately 3 litre(s) are removed .



Drain plug (1) .

Tighten the cap (1) to 4.5 da.Nm .

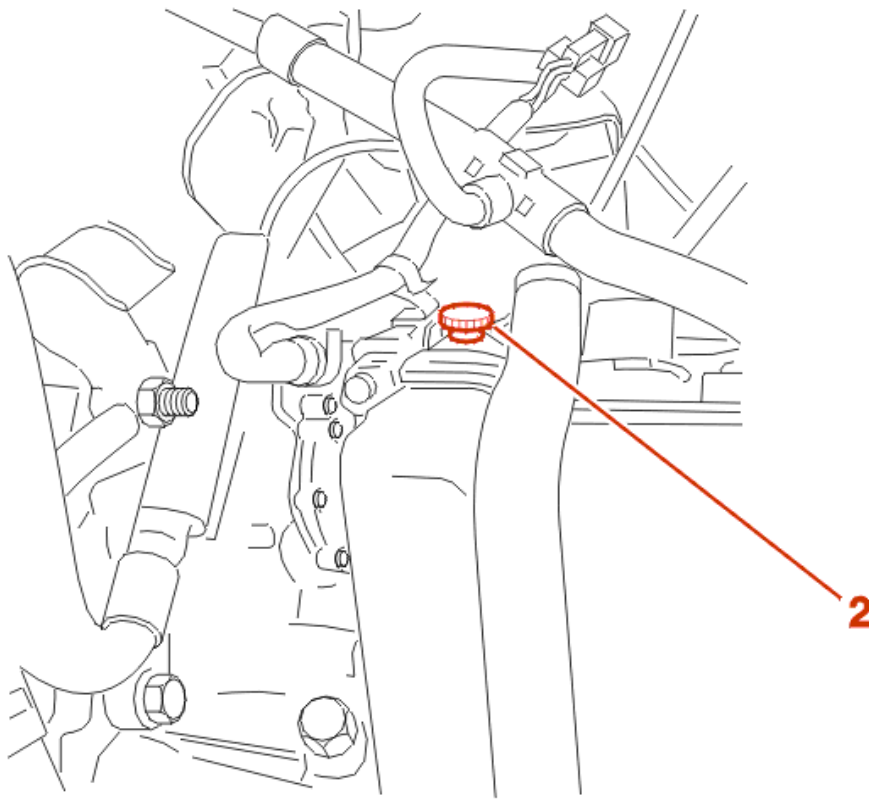
5 - REFILLING

IMPERATIVE : use only ESSO LT 71141 fluid .

Place the vehicle on a lift .

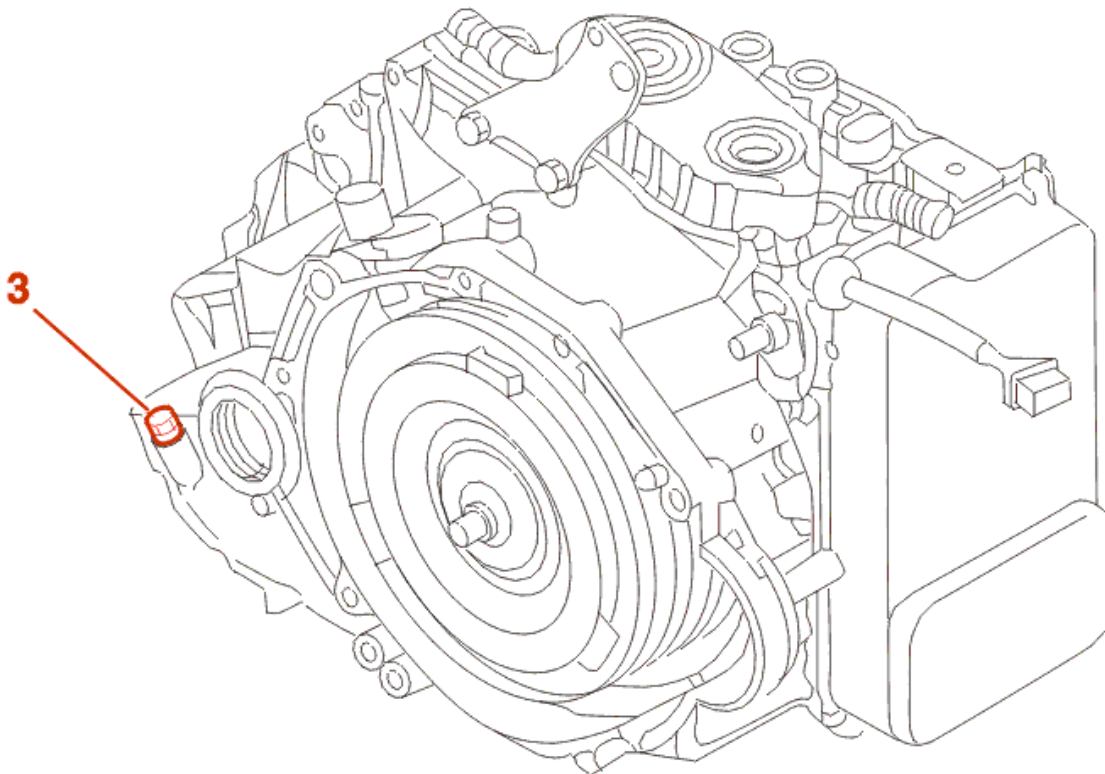
Move aside : The air cleaner assembly .

IMPERATIVE : leave the air temperature sensor connected .



Remove : The breather assembly (2), Using the tool [3] .

Raise the vehicle .



Remove the oil level plug (3) .

Using the tool [1], pour new oil through the breather hole, until it runs out of the oil level hole .

Start the engine, Idling speed (Press the brake pedal) Take the gear lever through all the gear change positions, return to P .

Add oil until it runs out of the oil level hole .

Close the oil level hole .

Stop the engine .

IMPERATIVE : check the oil level .