

Document Information

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Vehicles affected: P11: 12C, 12C Spider, 625C, 625C Spider, 650S, 650S Spider

Location: Powertrain Transmission - Rear axle

Concern: Clutch oil leak

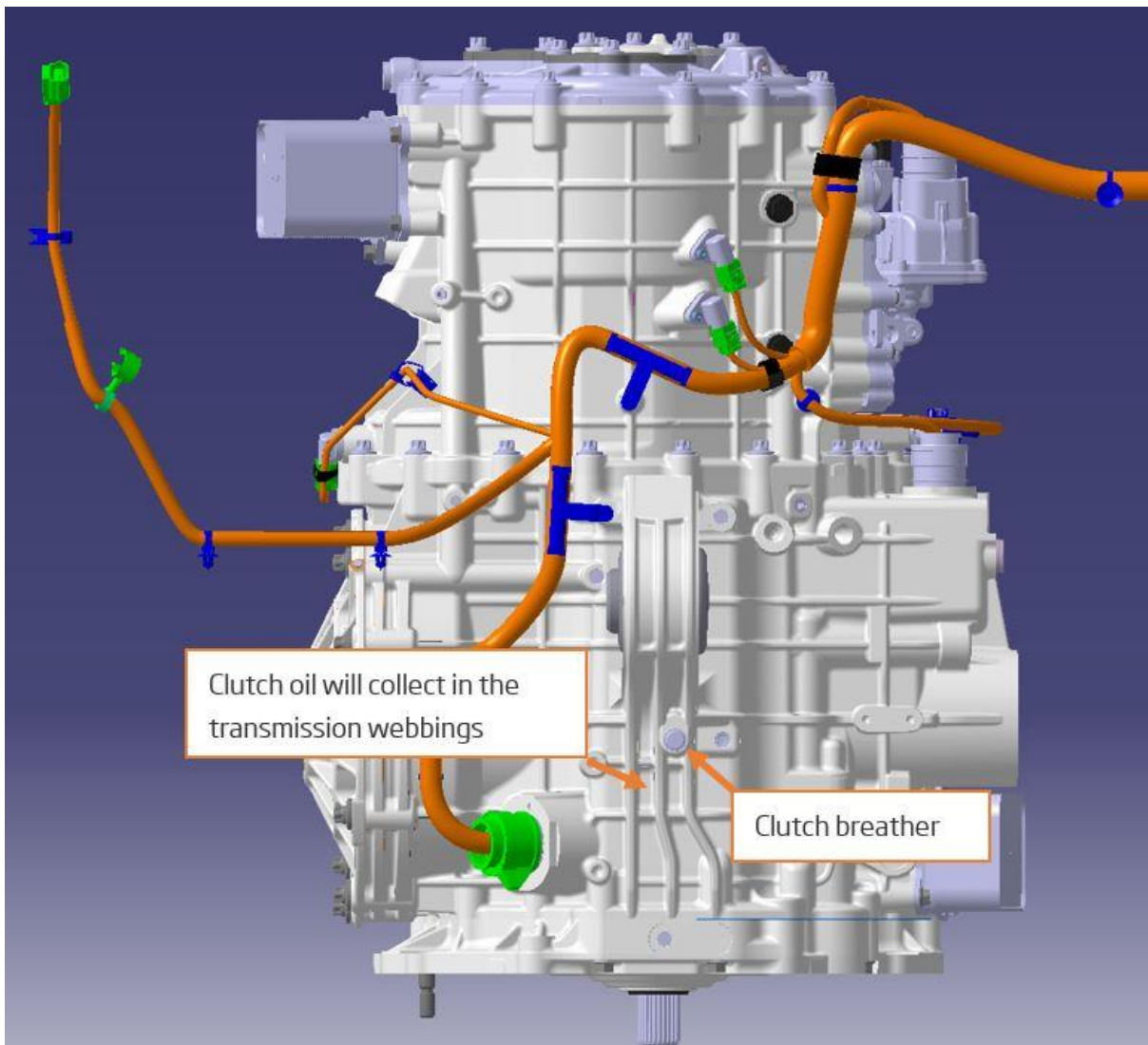
Condition: Permanent

Diagnostic Trouble Codes

N/A

Measure

If clutch oil has leaked, the first area to inspect is the clutch oil breather valve on top of the transmission (located next to the transmission mount). If clutch oil has leaked from the breather valve, clutch oil will be visible in the webbings on top of the transmission. In that case, follow the steps outlined in this document.



1. Once the oil leak from the breather has been confirmed, drain the clutch oil including the filter and measure the quantity
2. Then drain the gear oil and measure quantity

Care Point: It is important to accurately measure both clutch and transmission fluids to ensure no internal cross contamination leak has occurred.

The expected quantities are approximately the following:

Clutch oil - 6.0 - 6.5 litres

Gear oil - 4.0 - 4.5 litres

3. Once the oil levels have been checked and confirmed there is no cross contamination, refill the clutch oil with no more than 5.5 Litres. This reduced level will allow for a greater expansion of the clutch oil under higher temperature
4. Refill the gear oil with 4.5 litres
5. Thoroughly clean the transmission including the webbings on the top
6. Road test the vehicle
7. Return to the workshop and inspect for further leaks. If no leak is present, no further action is required
8. If the leak still occurs from the breather valve, carry out retro-fit of Oil Catch Tank as described in picture below, in conjunction with SIS Repair instruction, AA-RM-04G01-01-005 - Remove/Install clutch breather - 12C

STEP 1:

Remove the clutch breather from the DCT. This is a push fit breather that requires removal by use of grips pulling/rotating the breather upwards. Apply heat to the area for easier removal

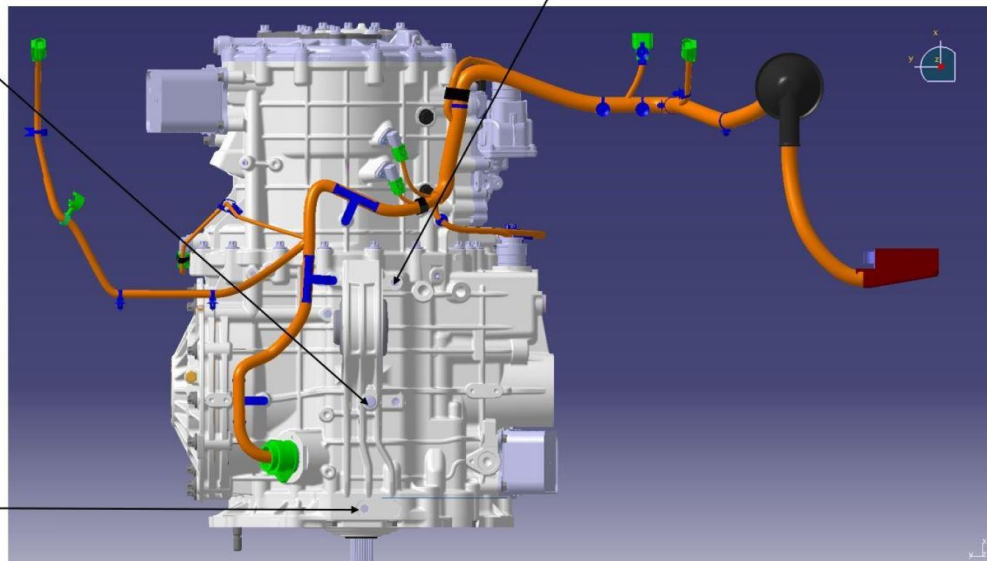
STEP 2:

After removal of the breather use loctite 601 and smear around the edge of a 10mm frost plug and punch this into position so that the top of the plug is just below the casting surface. **NB.** The dome shape of the plug should be facing inside the DCT.

STEP 3:

Fit the catch tank front line to the front interface plate connection thread.

STEP 4: Fit the catch tank rear line to rear connection thread.



9. Ensure SIS Repair instruction, AA-RM-04G01-01-015 - Drain/fill fluid - Clutch, procedure is followed once retro-fit has been carried out.
10. Carry out vehicle road test
11. Return to the workshop and inspect for further leaks, if no leaks present, no further action necessary.

12. If further leaks are identified, carry out further investigation and contact technical support if necessary.

Parts Information

Catch tank retro-fit parts:

11GA003CP X 1

11G0243CP X 1

11G0231CP X 1

11G0230CP X 1

00RB078 X 3

00RG020 X 2

00RB018 X 2

00RB046 X 3

00RA143 X 2

Loctite 601

Attachments

N/A

MTI Updates Information

23/07/2019

Oil Catch Tank Retro-Fit Added

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