



Dealer Principal	General Manager	Sales Manager	Service Manager	Parts Manager	Marketing	Finance
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Aftersales Bulletin

RR31 – Engine Earth Connections Check

Situation

A very small number of Rolls-Royce Cullinan (RR31) vehicles have been identified as having a potential issue concerning the engine earth connections. It could be possible that during the engine assembly, one of 16 earth connectors was not torqued to the required specification resulting in an inconsistent electric connection. If one of these connectors is not tightened correctly the following problems may occur: 1) MIL light would be activated, 2) failure to start the engine, 3) long term – oil pressure sensor damage.

All vehicles that have been identified within this Campaign will need to have all 16 connectors checked by undoing them and re-torquing to the correct setting.

Dealers should check for vehicles which are subject to this Technical Campaign using ISPA (Integrated Service Processes Application) or S-Gate/AIR.

Procedure

Carry out vehicle test and record any faults in the memory.

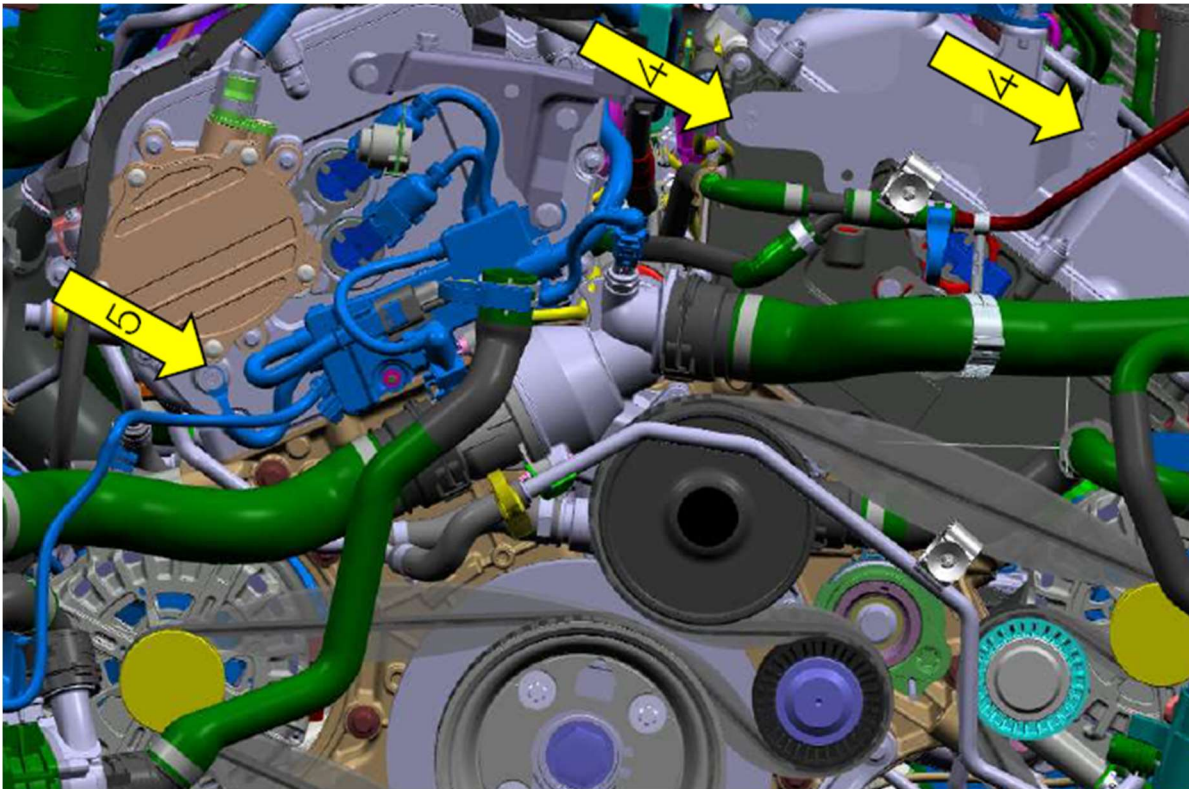
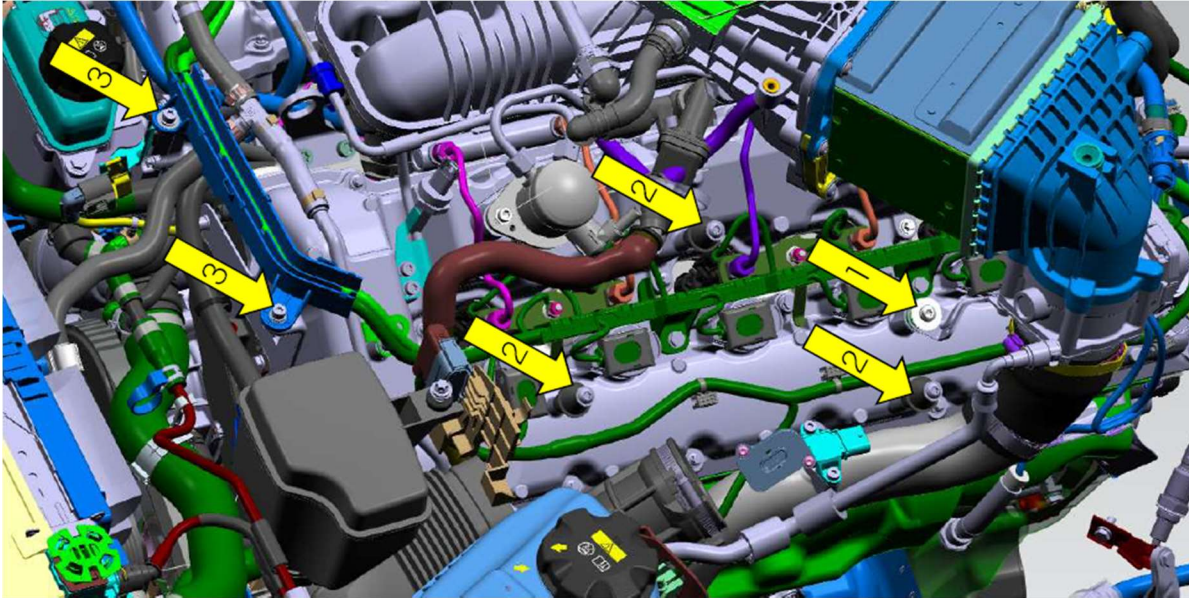
There are 16 torque screw connections on the engine that will need to be checked. All of these connections need to be undone and re-torqued to 10Nm.

The following repair instructions on ISTA/AIR can be used to aid in gaining access to these connections.

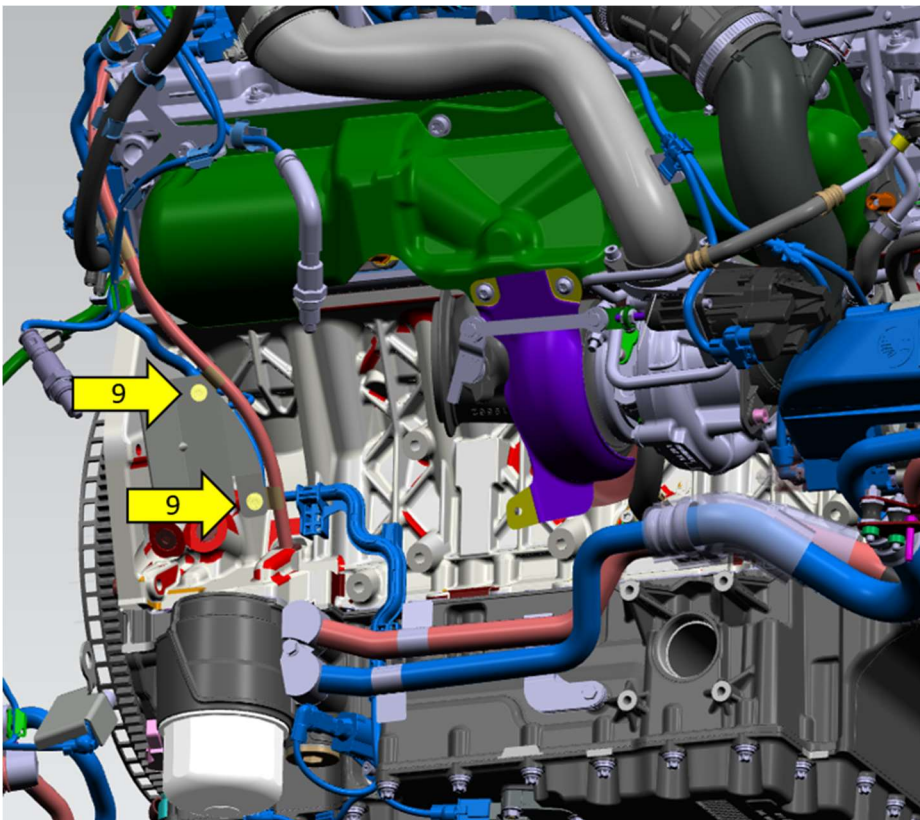
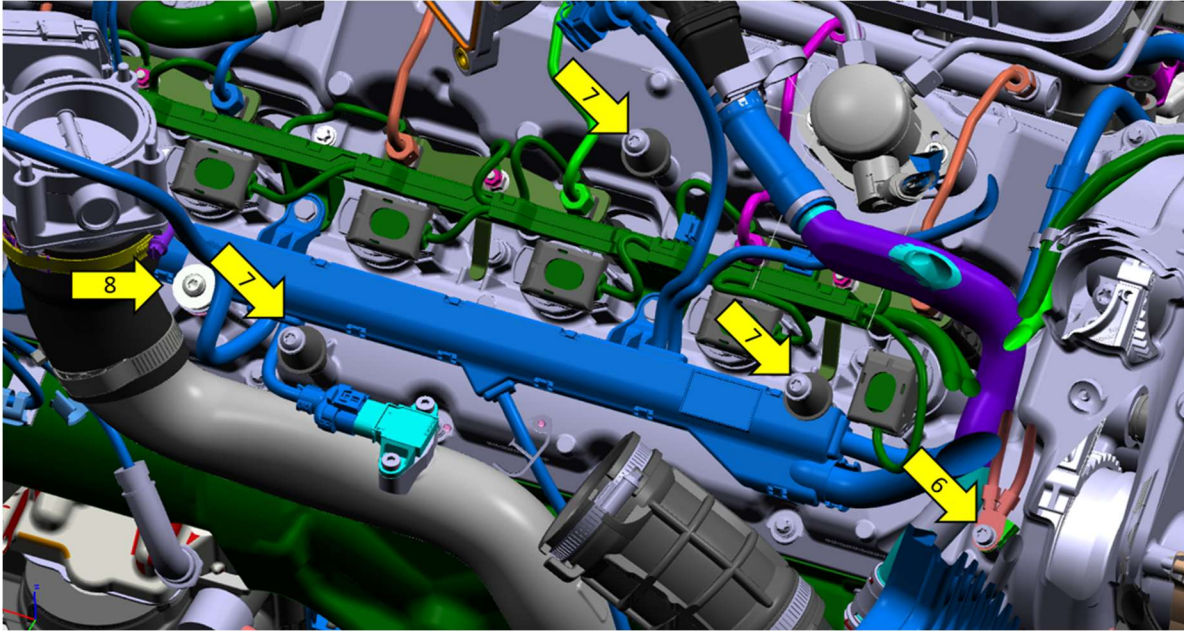
- Remove and install right intake filter housing REP-REP-P-1371020-RR31
- Remove and install left-hand intake filter housing REP-REP-P-1371010-RR31
- Replace oil pressure sensor REP-REP-P-1261586-RR31 (**DO NOT replace sensor**, just follow repair instruction to access torque connections)

In the images below you can see the torque connections labelled with arrows.

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Parts Information

Description	Part Number	Qty
Gasket exhaust Turbocharger / catalytic conv.	18 30 7 553 601	1
V-band clamp	11 65 8 585 233	1
Hex bolt	07 11 9 904 401	4
Muffler clamp	18 30 7 614 699	1
Hexagon screw with flange	31 10 6 876 225	4
Hex bolt with washer	31 10 6 870 648	16

Warranty Information

Claims are subject to current Warranty terms.

Defect Code 00 12 53 05 00

Labour Code	Description	Labour	Notes
13 71 020	Removing and installing right suction filter housing	11 FRU	Main work
13 71 510	Removing and installing left suction filter housing	10 FRU	Plus-position
12 61 586	Replacing oil pressure sensor (access only for this campaign, sensor does not need to be replaced)	35 FRU	Associated work
00 99 000	Undoing and re-torquing screw connectors	4 FRU	Main work

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Contact Information:

If you have further questions, please contact your Regional Aftersales Manager (RAM).