



**RECALL CAMPAIGN
INSTRUCTIONS**



**USA
RECALL CAMPAIGN**

REF. NO. C24000086

**REPLACEMENT OF ENGINE TURBOCHARGER
LUBRICATION SYSTEM DELIVERY PIPES**

SF90 STRADALE

SF90 SPIDER

MODEL YEARS 2022 - 2024

October 2023

**READ, INITIAL,
AND PASS ON »**

Service Manager	Parts Manager	Service Writer	Technician				Warranty Clerk

October 2023

Dear Authorized Ferrari Dealer:

Ferrari has decided that a defect which relates to motor vehicle safety exists in certain Ferrari vehicles listed below.

The vehicles involved were manufactured from assembly 208041 to assembly 220434:

SF90 Stradale	2022 - 2024	VIN No. 286206 to VIN No. 299931
SF90 Spider		

This recall involves the replacement of the **LH and RH turbocharger lubrication system delivery pipes** which is necessary due to a possible non-conformity of these components which may cause an oil leak resulting in potential fire.

IMPORTANT

Ferrari will be notifying ALL affected vehicle owners nationwide with a letter indicating that the vehicle must be brought in immediately and the replacement parts will be installed free of charge.

Owners may contact Ferrari North America at (201) 816-2668; Ferrari's campaign number for this recall is **C24000086**.

You must order the necessary part for each vehicle. Upon completion of the repair, we will reimburse you for the parts and labor necessary to perform this campaign under the normal warranty system.

It is a violation of Federal law for a dealer to deliver a new motor vehicle covered by this notification under a sale or lease until the recall campaign is completed. Also, dealers should not deliver any pre-owned vehicles in their inventory which are involved in a safety or compliance recall until the defect has been remedied.

*Technical Department
Ferrari North America, Inc.*



U.S.A. RECALL CAMPAIGN NO. C24000086



SF90 STRADALE

SF90 SPIDER

MODEL YEARS 2022 - 2024

REPLACEMENT OF ENGINE TURBOCHARGER LUBRICATION SYSTEM DELIVERY PIPES

RECALL CAMPAIGN OVERVIEW

SUBJECT: Recall Campaign No. C24000086

VEHICLES: Ferrari models in question were manufactured from assembly 208041 to assembly 220434:

SF90 Stradale	2022 - 2024	VIN No. 286206 to VIN No. 299931
SF90 Spider		

See Modis for VINs involved.

CONDITION: The vehicles involved require the replacement of the **LH and RH turbocharger lubrication system delivery pipes**, which is necessary due to a possible non-conformity of these components which may cause an oil leak resulting in a potential fire.

The list of the vehicles involved can be viewed directly from the **New Modis** portal by selecting the menu "**Recall and Service Campaign Management**" and entering the campaign number indicated (New Modis / Service / Campaigns / CMP-Campaigns -> **C24000086**).

REMEDY: Ferrari will repair the vehicle free of charge. The repair involves the replacement of the **LH and RH turbocharger lubrication system delivery pipes**.

RECALL CAMPAIGN OVERVIEW (cont.)

PARTS INVOLVED:

The parts necessary to implement this RECALL CAMPAIGN are listed below and need to be ordered from the Parts Department.

Part Number	Description	Qty.
70007937	OIL DELIVERY PIPE KIT	1

Update the CRM customer database in Modis accordingly as soon as you receive any notification regarding the status of the vehicle (e.g., change of ownership, etc.).

The list of vehicles involved in the update is viewable on the New Modis site, using the "Recall and Service Campaign Management" function, entering the campaign number indicated below.

SERVICES UNDER WARRANTY:

A refund for the costs incurred by the implementation of the RECALL CAMPAIGN in question shall be made immediately after a Warranty Claim has been received by the Technical Service Department. The Warranty Claim must include the following information:

SF90 Stradale / SF90 Spider

› Campaign number.....	86
› Cost code.....	24
› Malfunction code	7309000403
› Problem code.....	01
› Labor code	73090004030
› Time allowance.....	6.05 hours

REIMBURSEMENT: Upon receipt of a Warranty Claim via Modis.

The activities described in this Recall Booklet must be performed as soon as possible with the utmost urgency.



U.S.A. RECALL CAMPAIGN NO. C24000086



SF90 STRADALE

SF90 SPIDER

MODEL YEARS 2022 - 2024

REPLACEMENT OF ENGINE TURBOCHARGER LUBRICATION SYSTEM DELIVERY PIPES

TECHNICAL INSTRUCTIONS

Please read all instructions before performing this campaign.

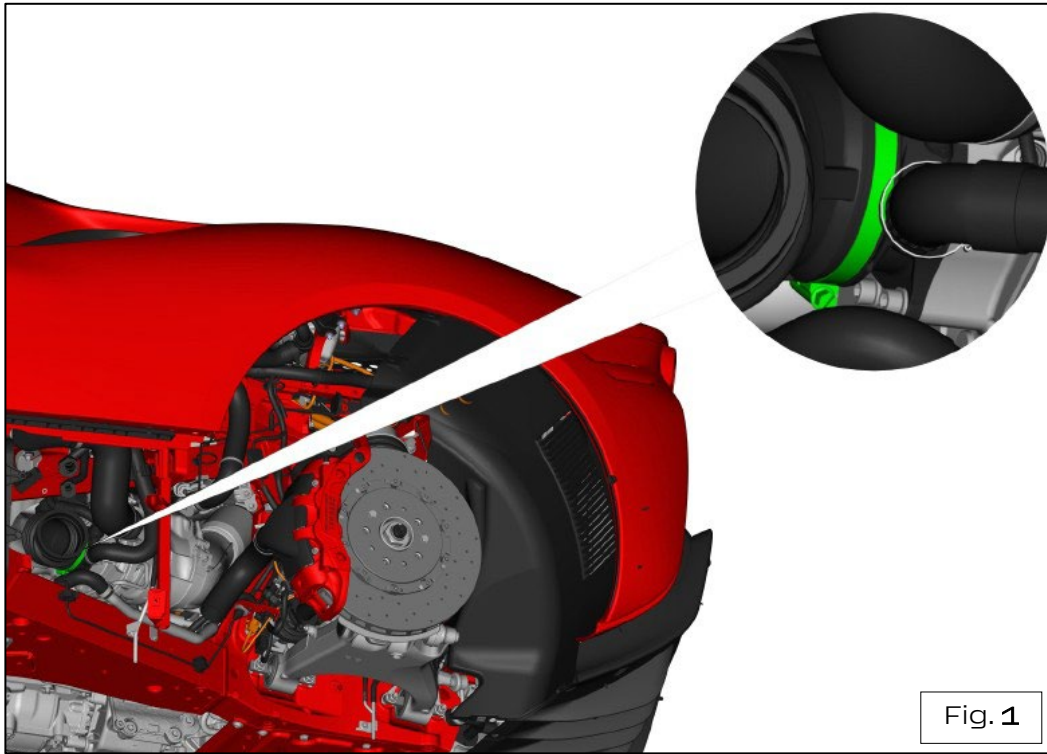
Procedure

To perform the repair work, you must order the following parts from the Parts Department:

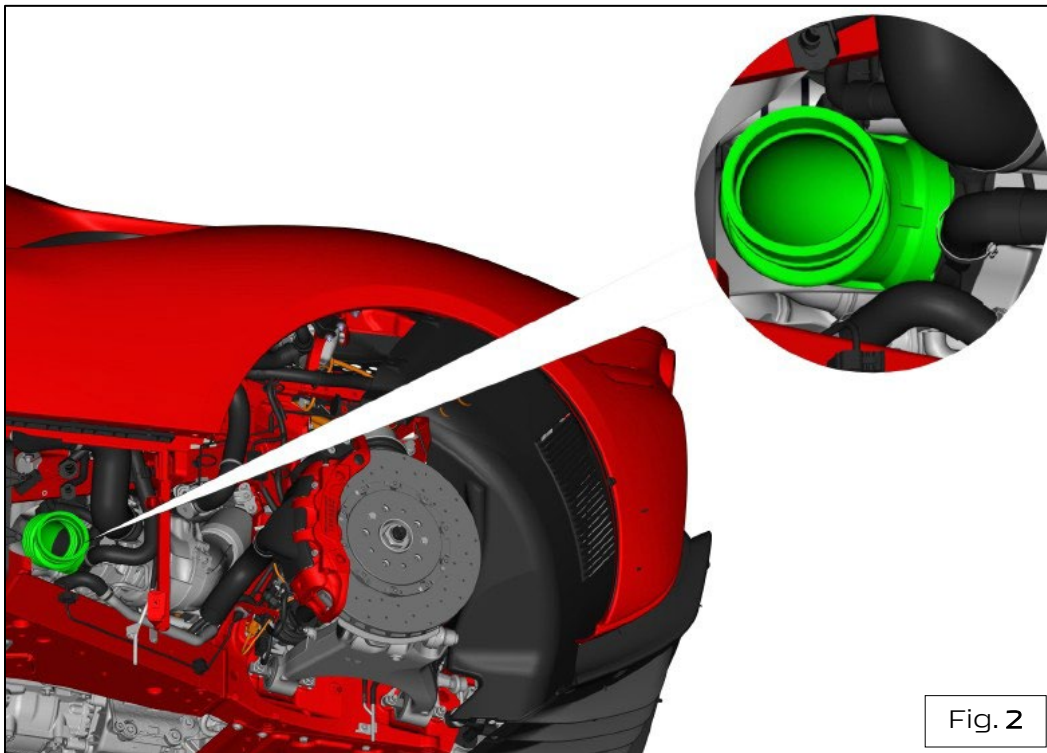
Description	Part No.	Quantity
OIL DELIVERY PIPE KIT	70007937	1

Replacement of LH turbocharger oil delivery pipe

- Drain the engine cooling system.
- Drain the engine lubrication system.
- Remove the rear flat undertray section.
- Remove the engine air intake system filter box.
- Remove the LH engine air intake system filter box.
- Remove the A/C system compressor.
- Loosen the collar - Fig.1

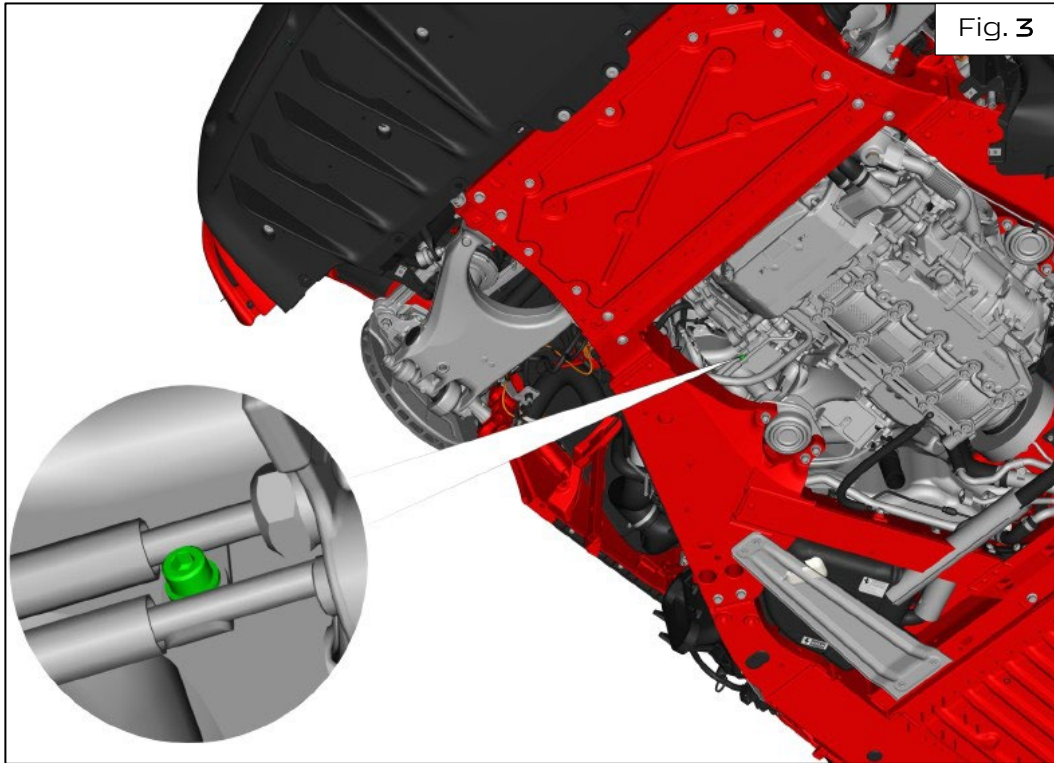


- Disconnect and remove the duct – Fig. 2.

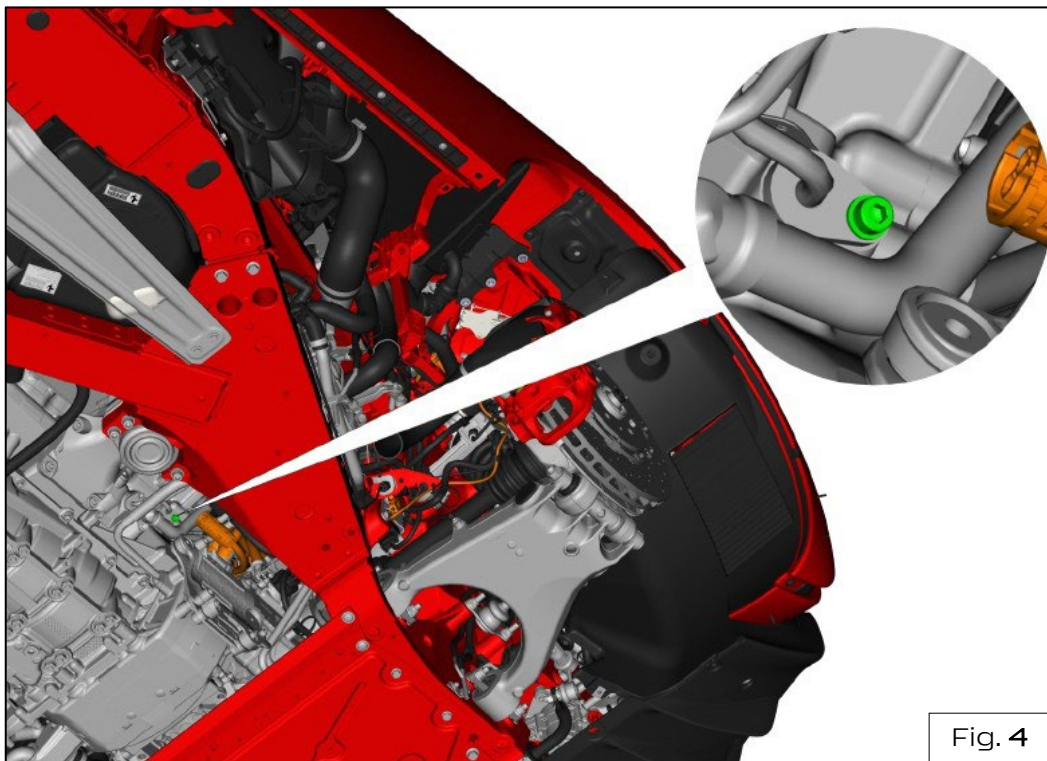


Technical Instructions (cont.)

- Unscrew the screw – Fig. 3.

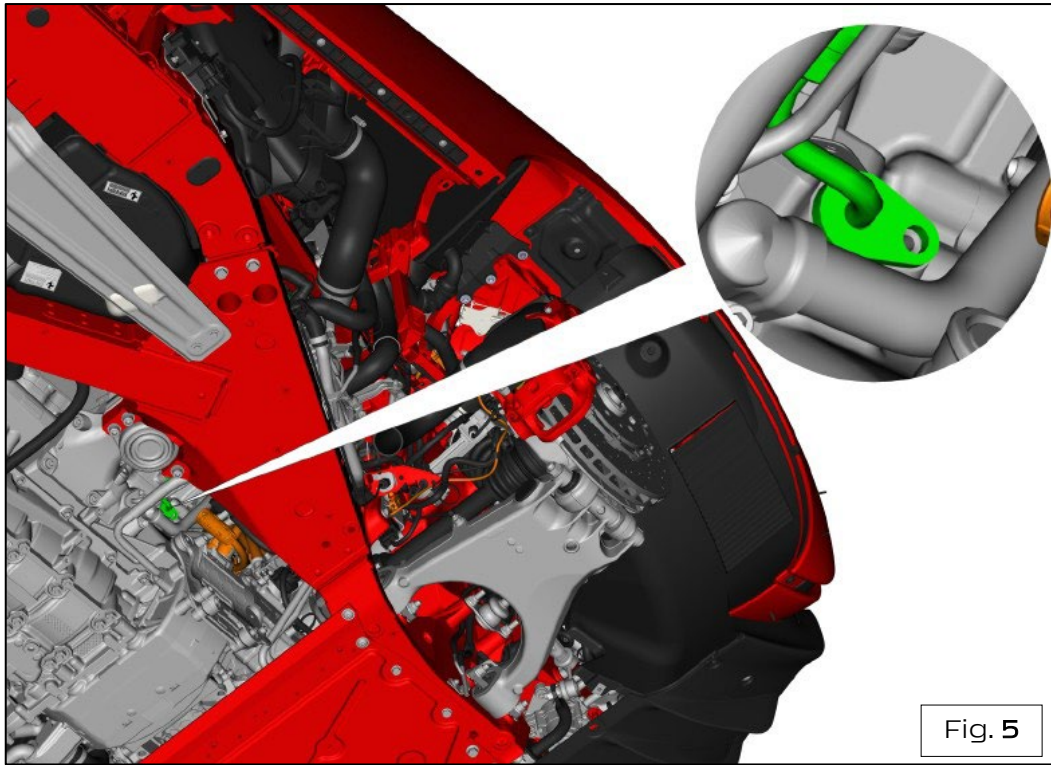


- Place a used liquid container underneath the work area and unscrew the screw – Fig. 4.

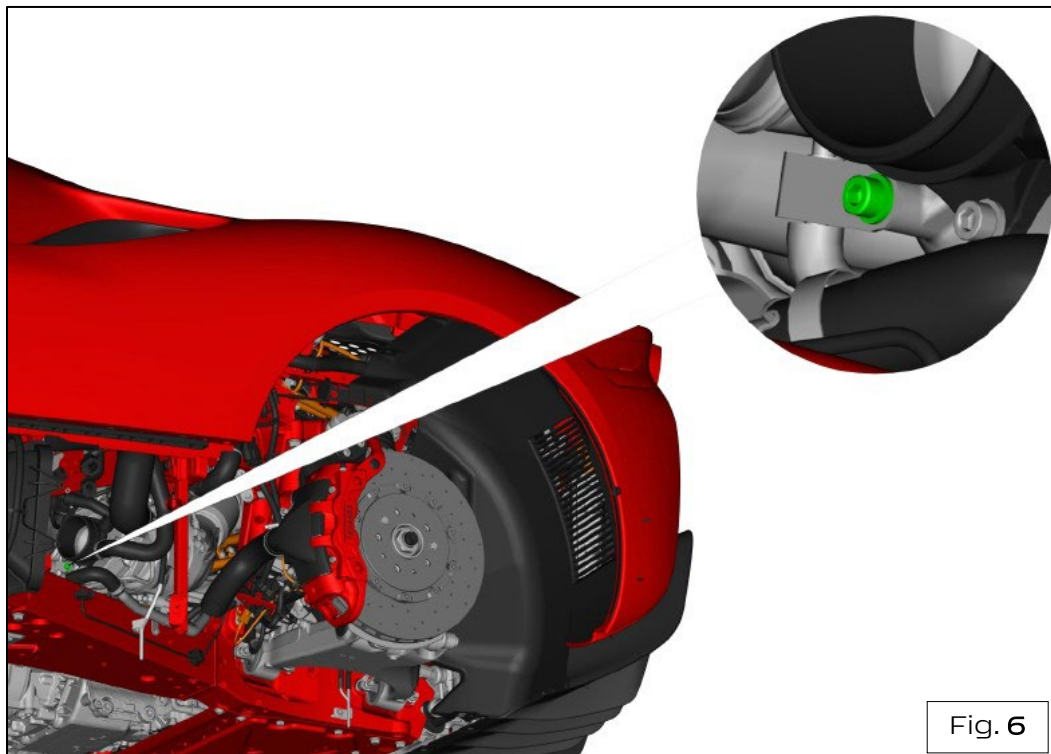


Technical Instructions (cont.)

- Disconnect the turbocharger oil delivery pipe - Fig. 5.

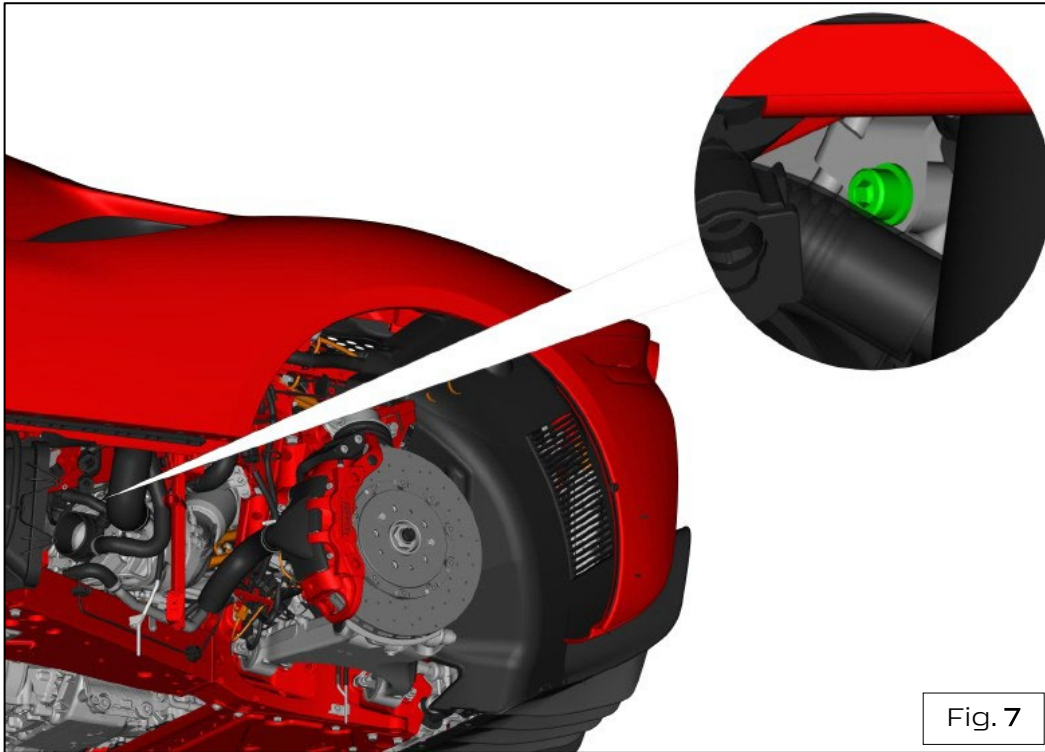


- Unscrew the screws - Fig. 6.

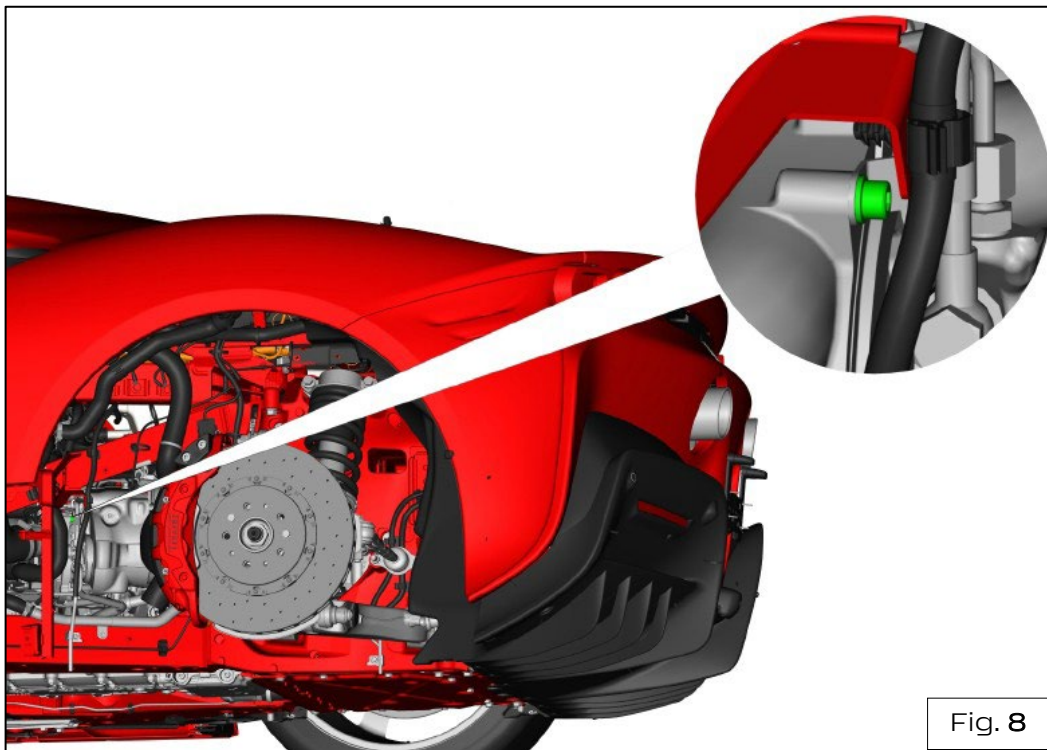


Technical Instructions (cont.)

- Unscrew the screws – Fig. 7.

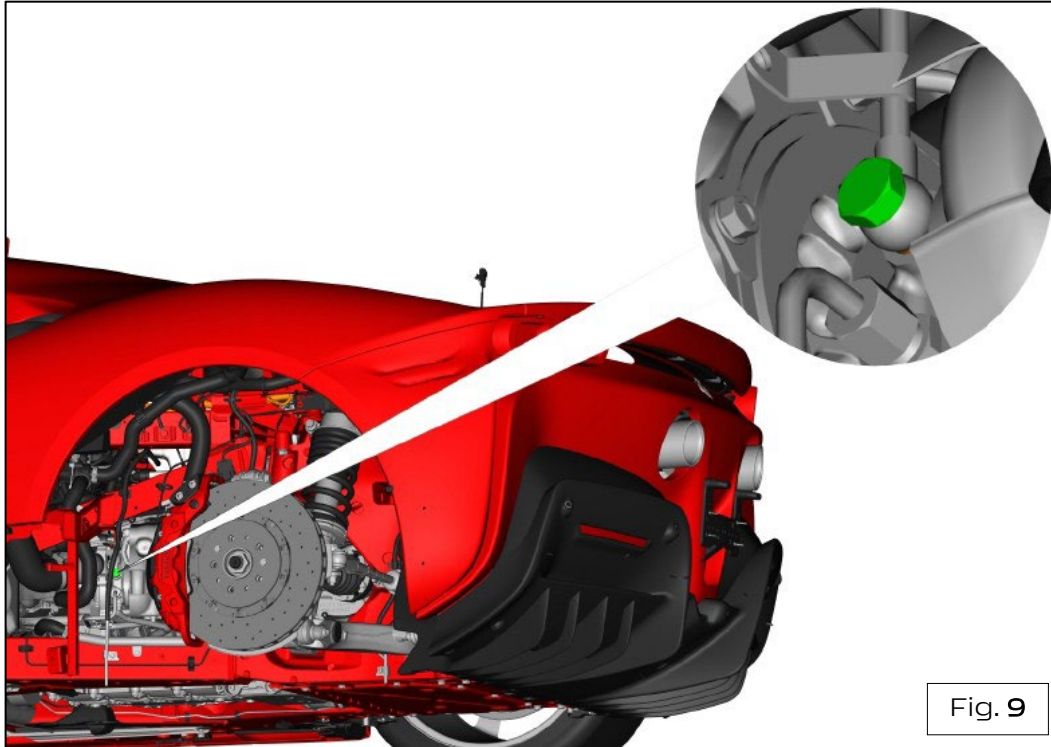


- Unscrew the screws – Fig. 8.

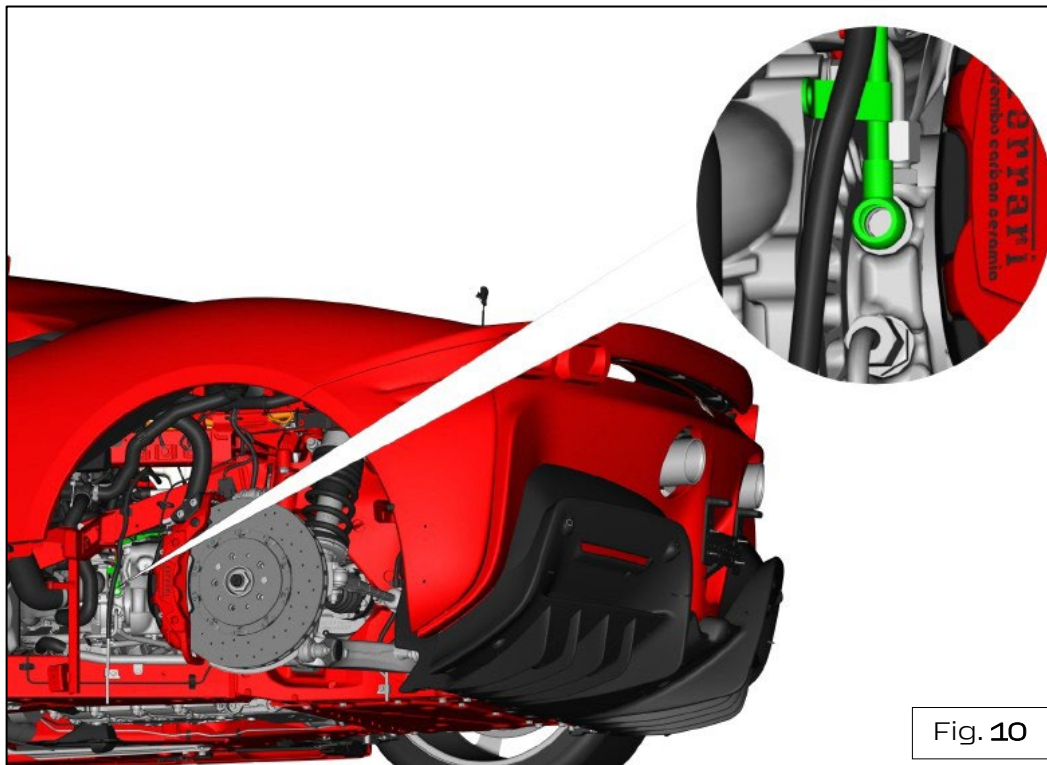


Technical Instructions (cont.)

- Place a drain pan underneath the work area and unscrew the connecting pipe.

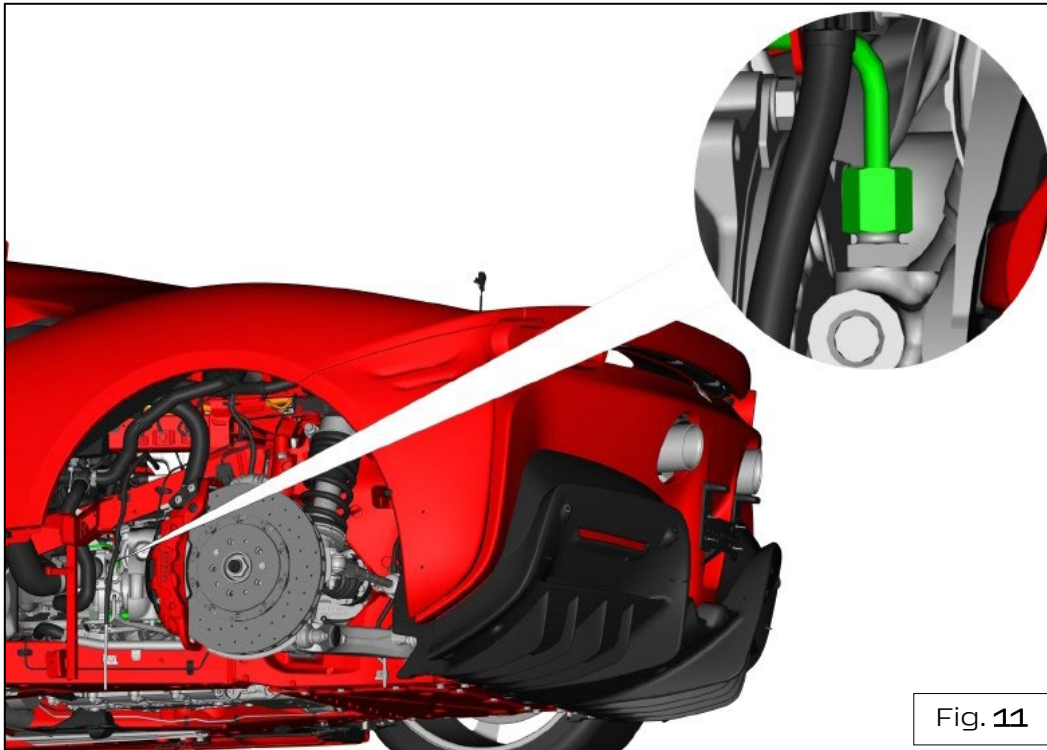


- Disconnect the water return pipe - Fig. 10.

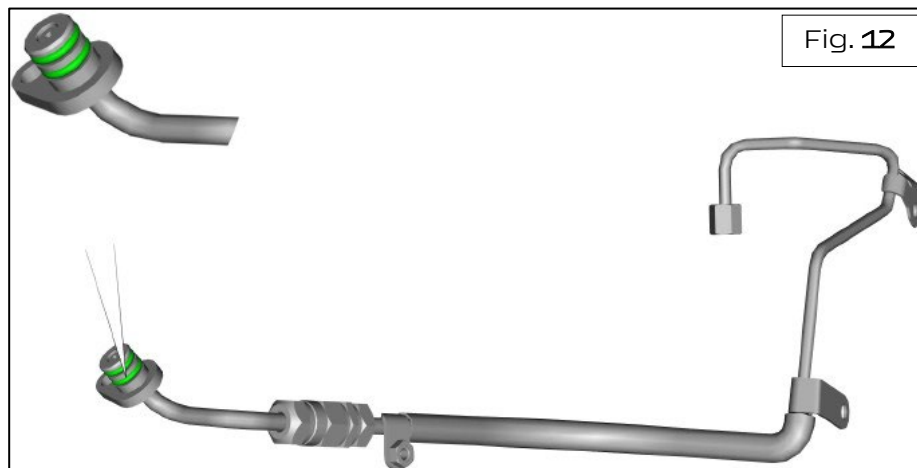


Technical Instructions (cont.)

- Place a drain pan underneath the work area and unscrew the oil delivery pipe union. Disconnect and remove the LH turbocharger oil delivery pipe - Fig. 11.

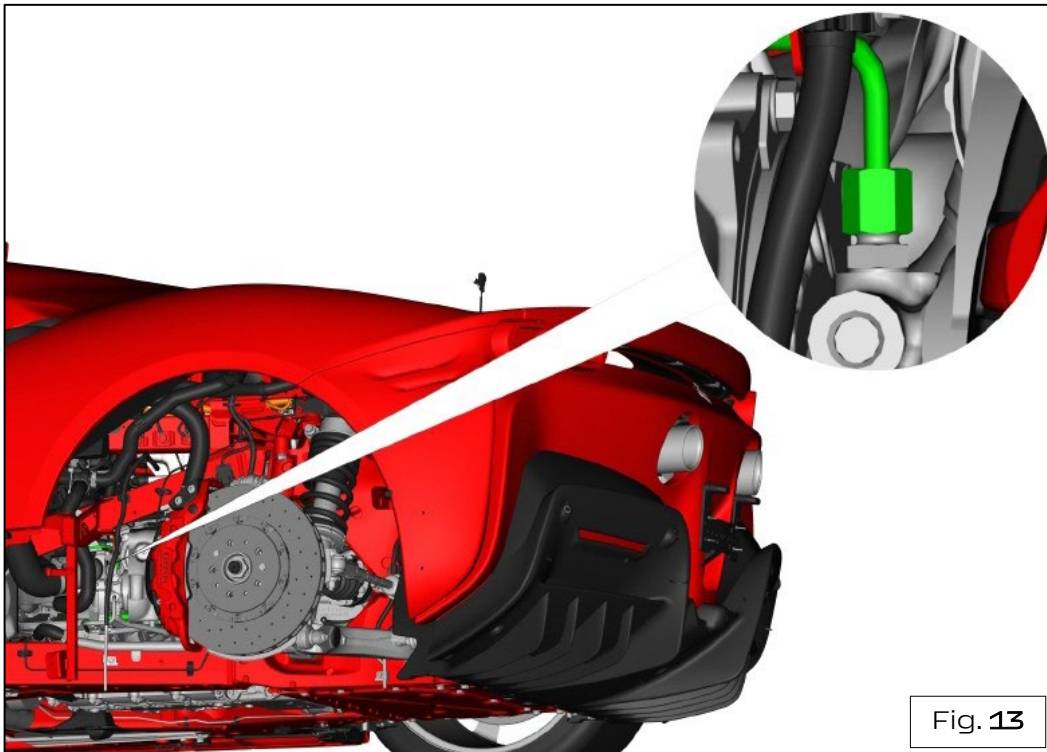


- Take the new LH turbocharger oil delivery pipe and check that the respective gaskets are not damaged and correctly fitted - Fig. 12.

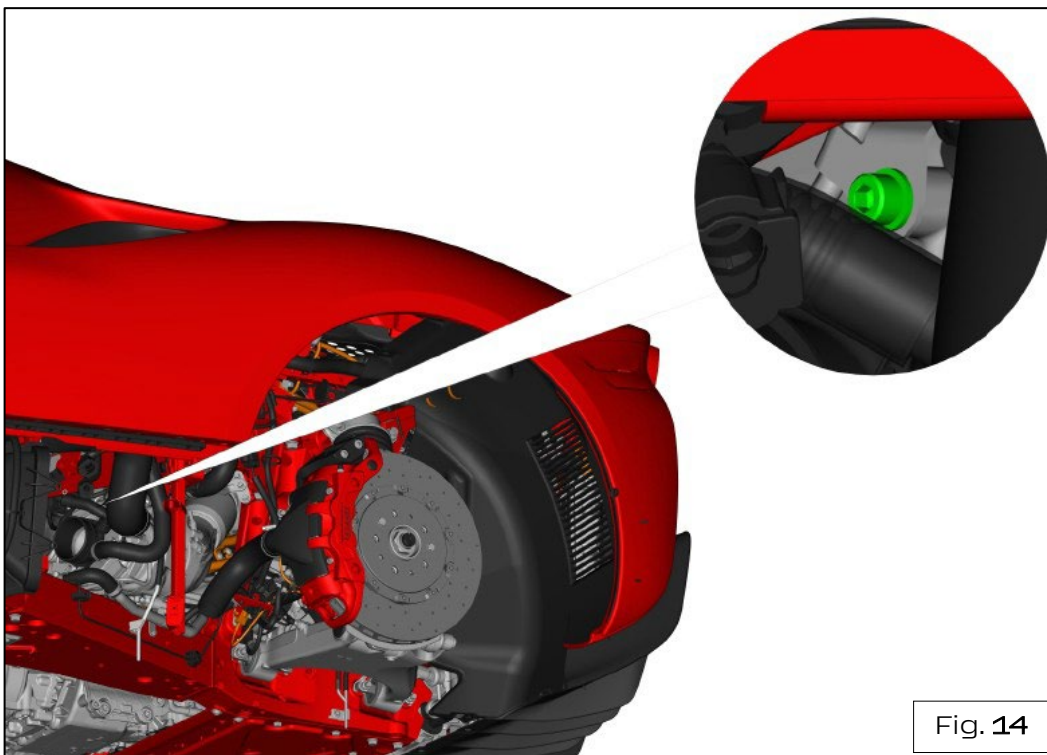


Technical Instructions (cont.)

- Fit and connect the LH turbocharger oil delivery pipe. Partially tighten the pipe union – Fig. 13.

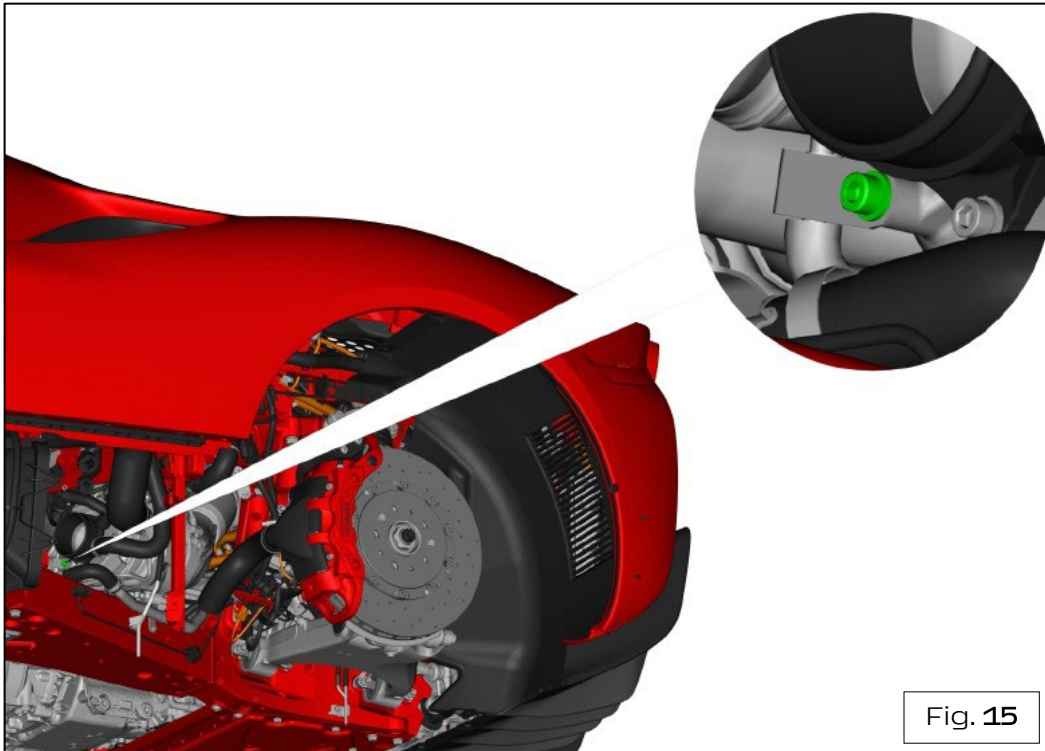


- Partially tighten the screw – Fig. 14.

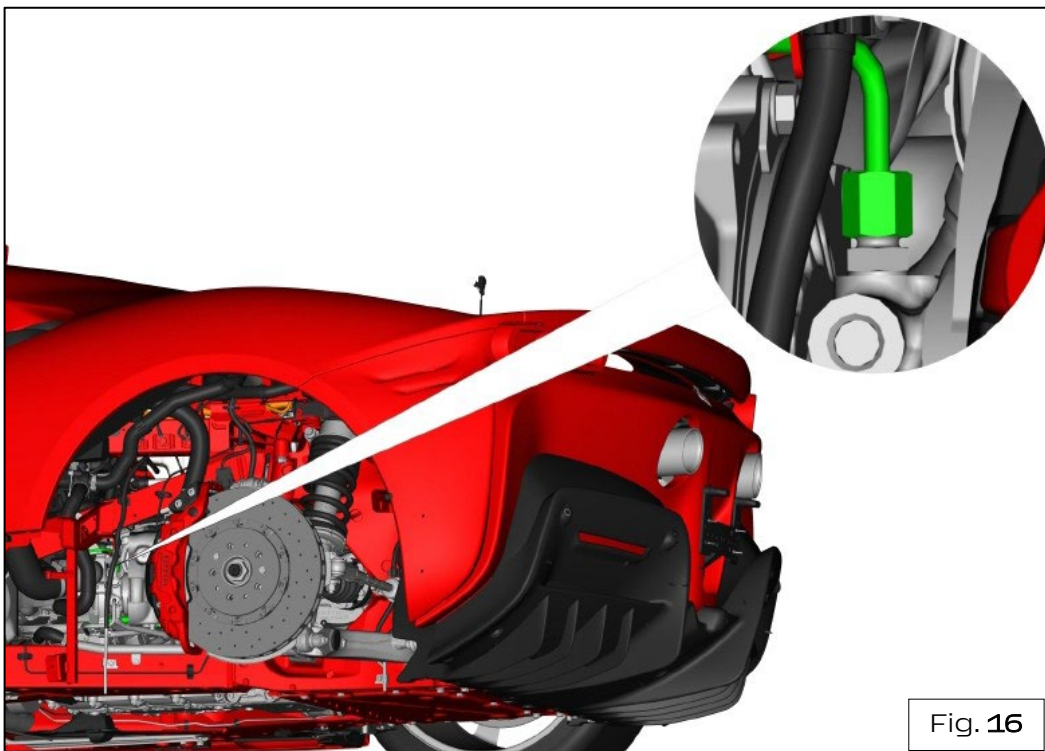


Technical Instructions (cont.)

- Partially tighten the screw – Fig. 15.



- Tighten the turbocharger oil delivery pipe union to a torque of **14 Nm**. Tighten the pipe union by giving the wrench **another quarter turn** – Fig. 16.



Technical Instructions (cont.)

- Connect the LH turbocharger water return pipe by replacing the respective gasket - Fig. 17.

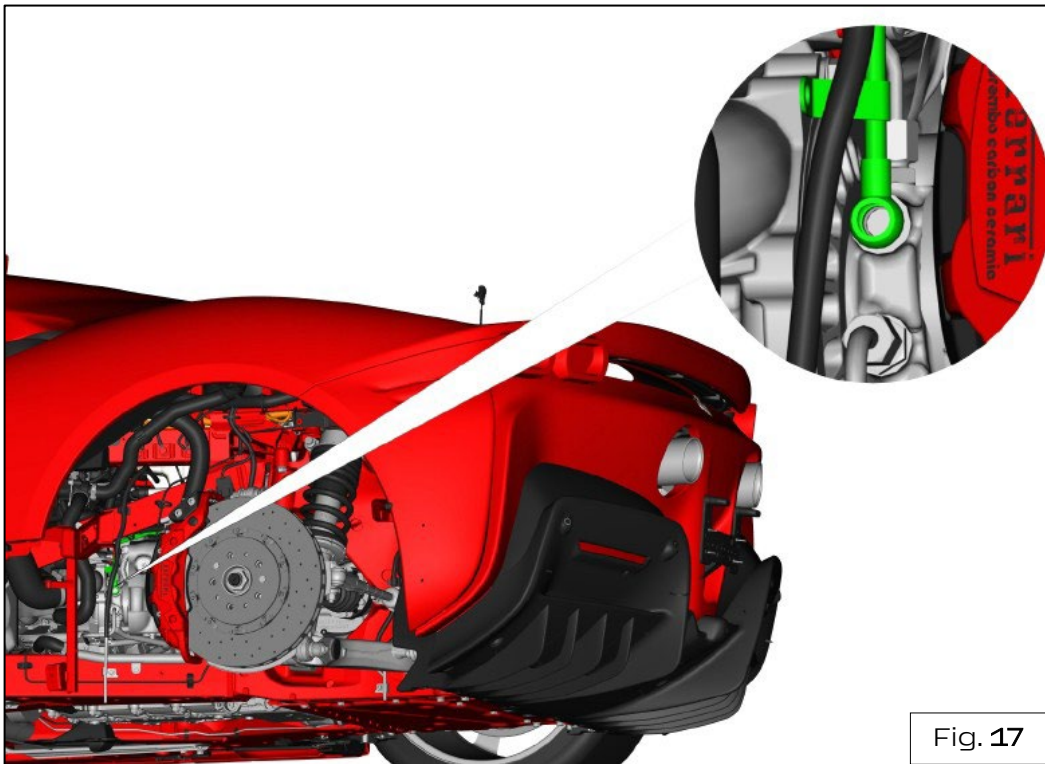


Fig. 17

- Replace the turbocharger water return pipe union gasket and tighten the pipe union to a torque of **25 Nm** - Fig. 18.

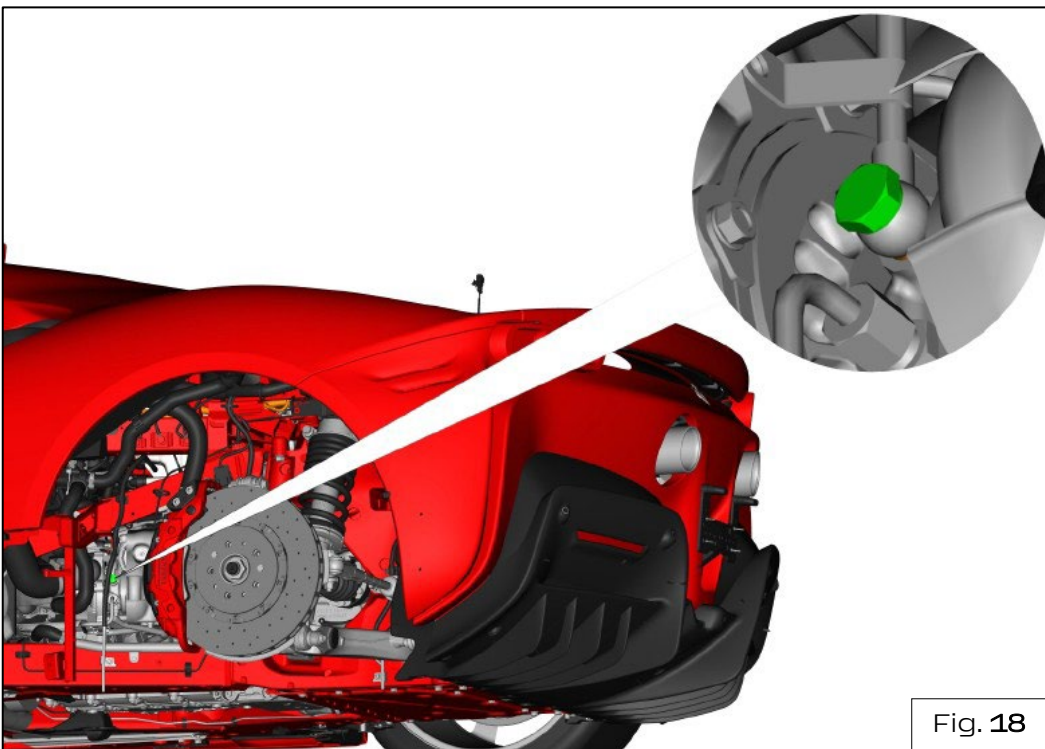
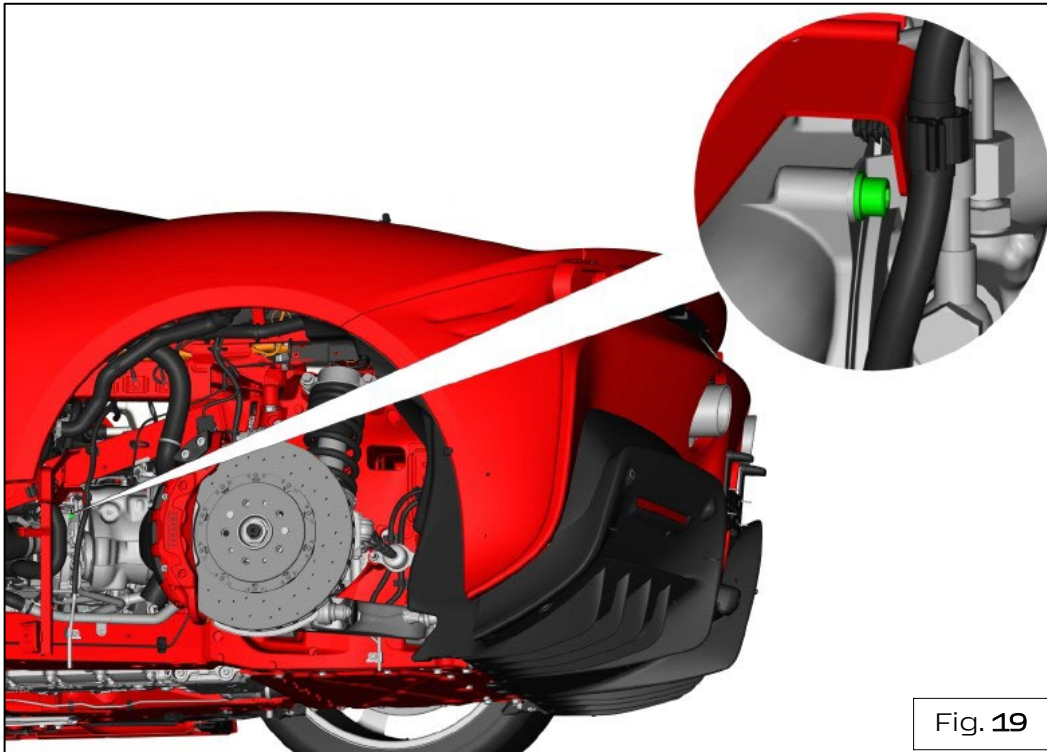


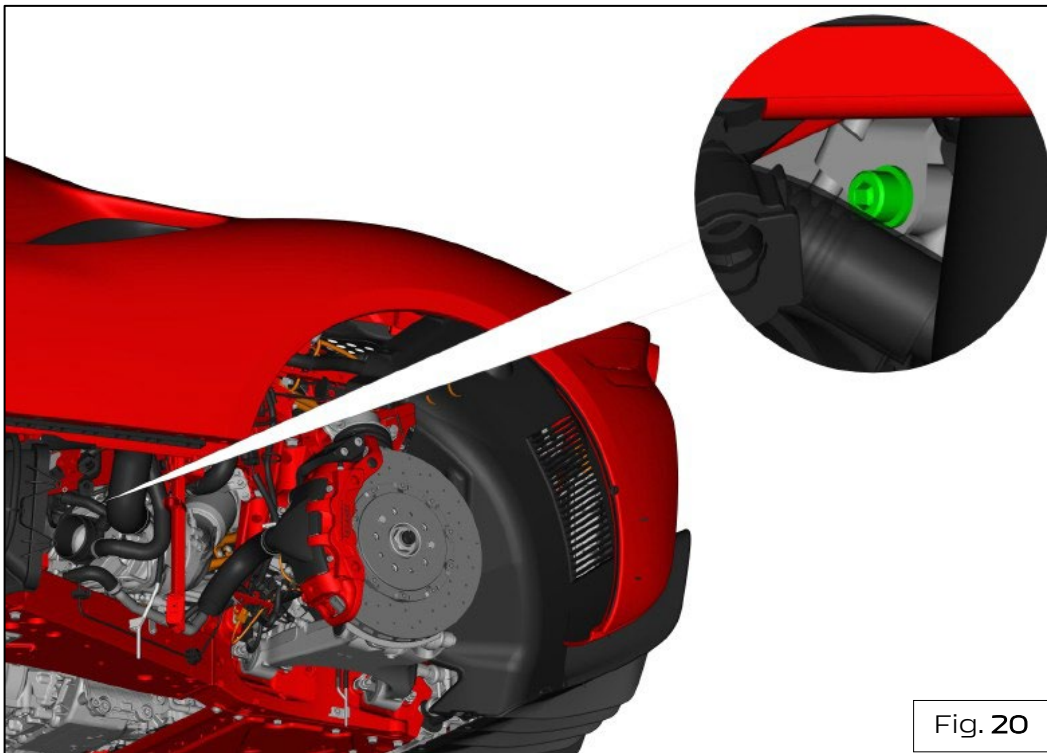
Fig. 18

Technical Instructions (cont.)

- Tighten the screw fastening the water return pipe to the turbocharger to a torque of **10 Nm** - Fig. 19.

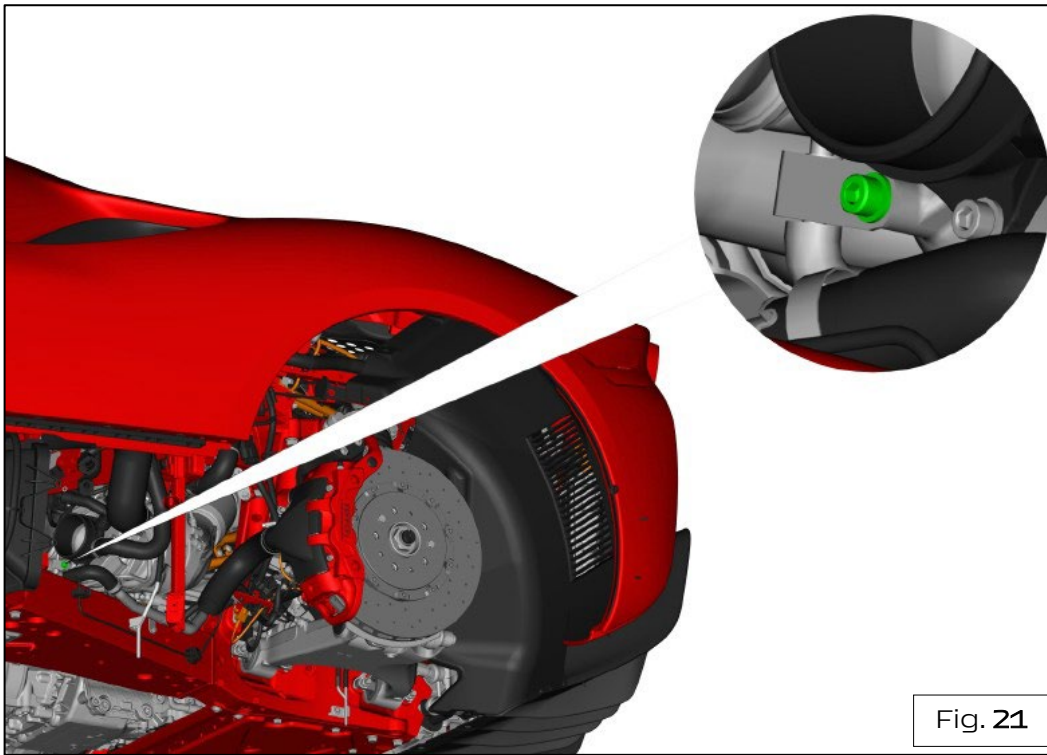


- Tighten the screw fastening the oil delivery pipe to the turbocharger to a torque of **10 Nm** - Fig. 20.

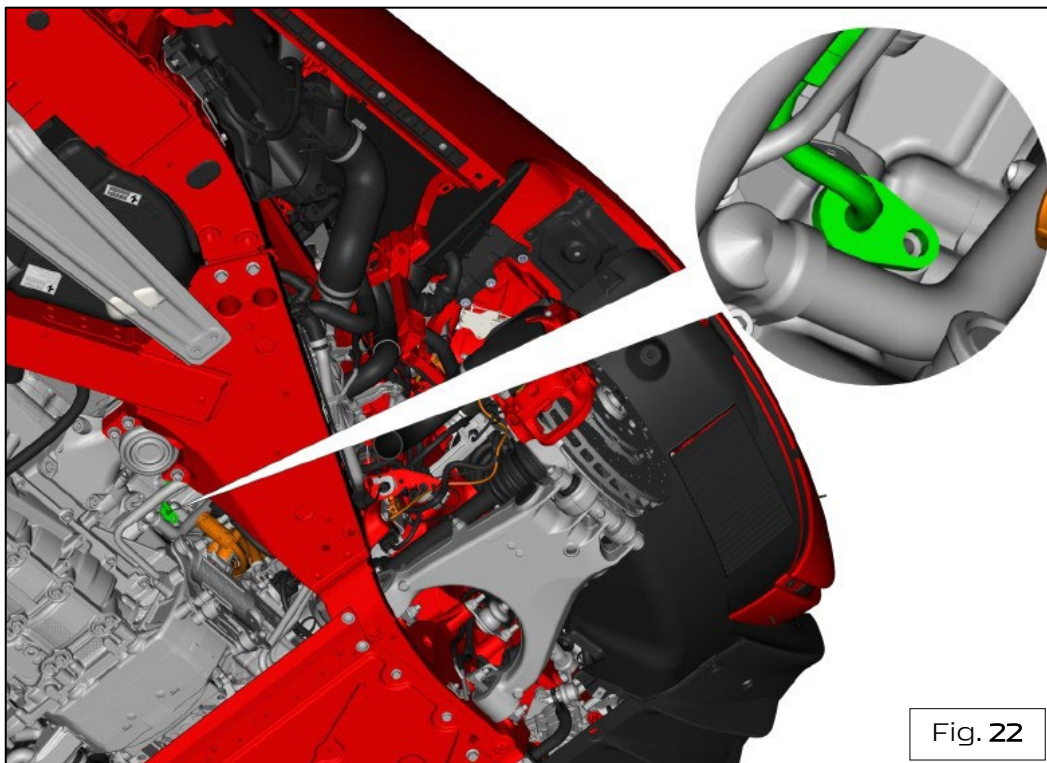


Technical Instructions (cont.)

- Tighten the screw fastening the oil delivery pipe to the turbocharger to a torque of **10 Nm** - Fig. 21.

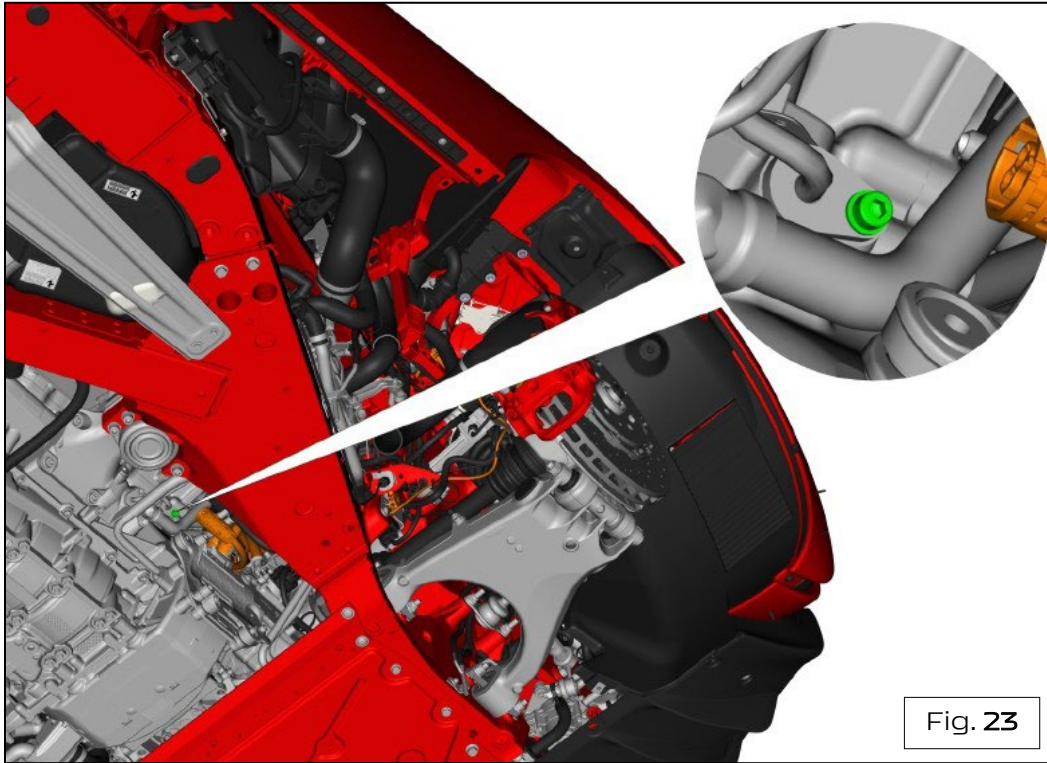


- Connect the oil delivery pipe - Fig. 22.

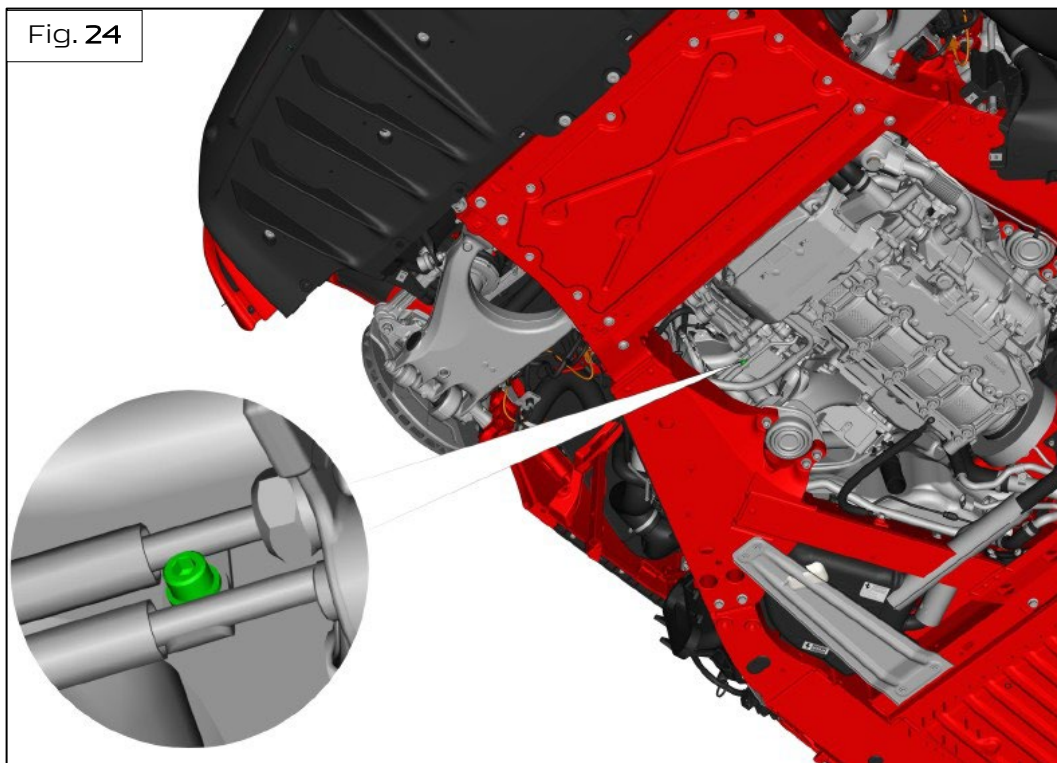


Technical Instructions (cont.)

- Tighten the screw fastening the oil delivery pipe to the engine to a torque of **10 Nm** - Fig. 23.

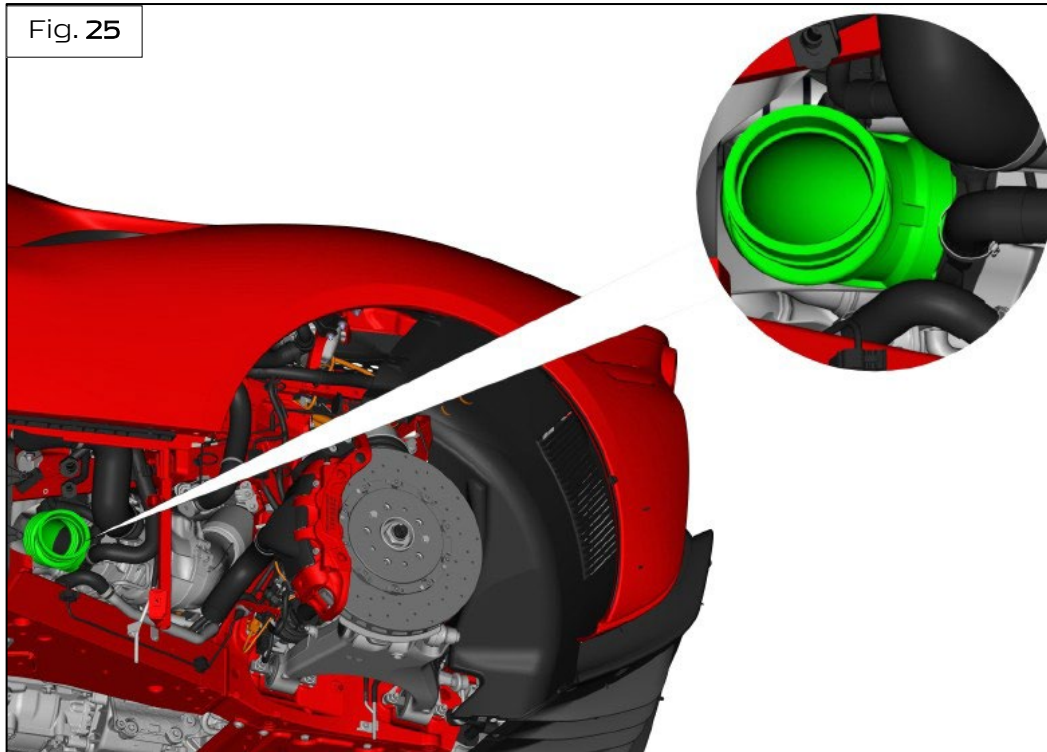


- Tighten the screw fastening the water delivery pipe to the oil delivery pipe to a torque of **10 Nm** - Fig. 24.

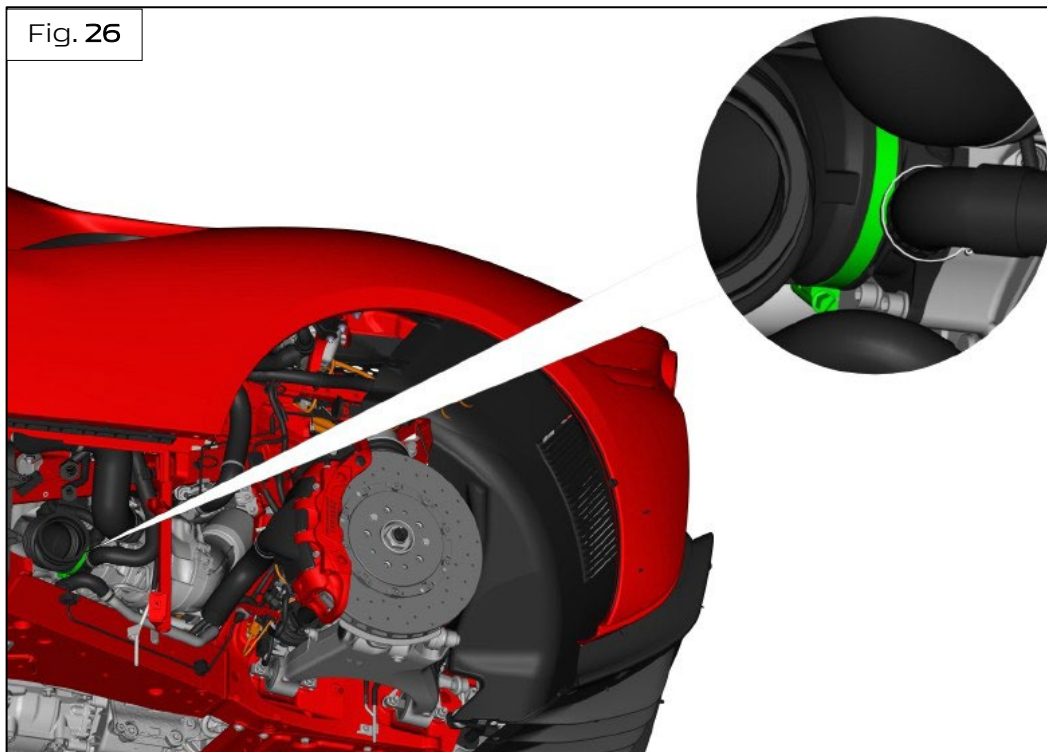


Technical Instructions (cont.)

- Fit and connect the duct – Fig. 25.



- Tighten the screw collar fastening the air filter box hose to the turbocharger – Fig. 26.

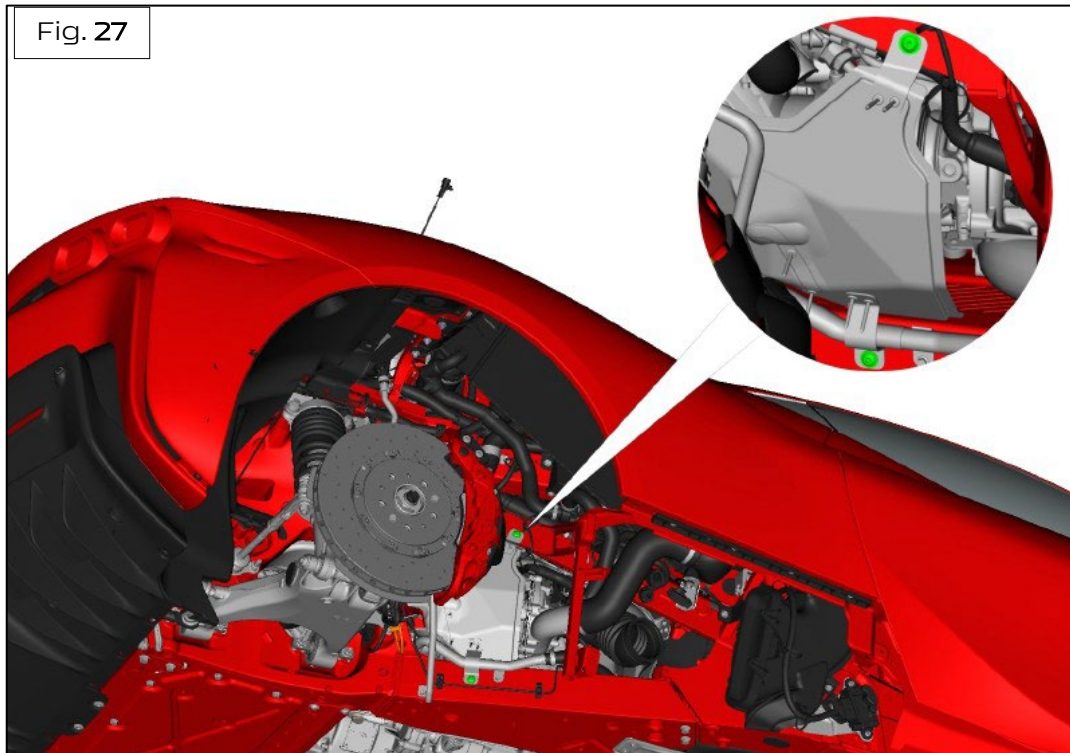


Technical Instructions (cont.)

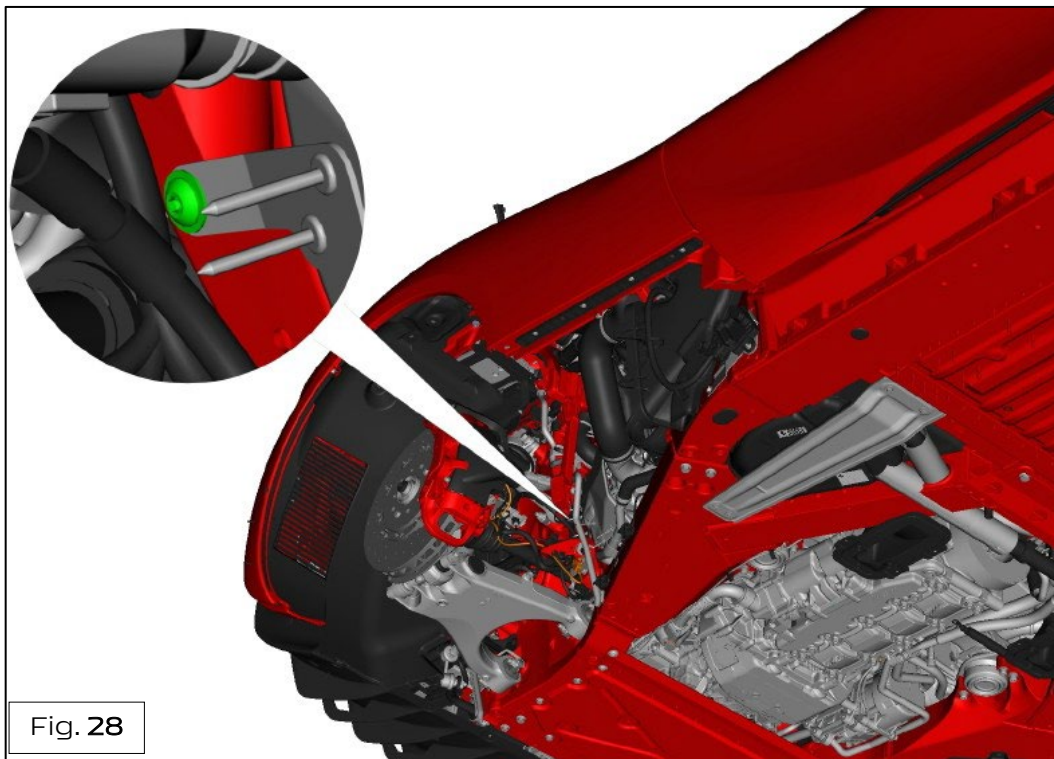
- Refit the A/C system compressor.
- Refit the engine air intake system filter box.
- Refit the LH engine air intake system filter box.
- Fill the engine cooling system.
- Fill the engine lubrication system.
- Check the turbocharger pipe connections for leaks.
- Refit the rear flat undertray section.
- Road test the vehicle.
- Remove the rear flat undertray section.
- Check the turbocharger pipe connections for leaks.
- Refit the rear flat undertray section.

Replacement of RH turbocharger oil delivery pipe

- Remove the RH engine air intake system filter box.
- Undo the indicated screws – Fig. 27.

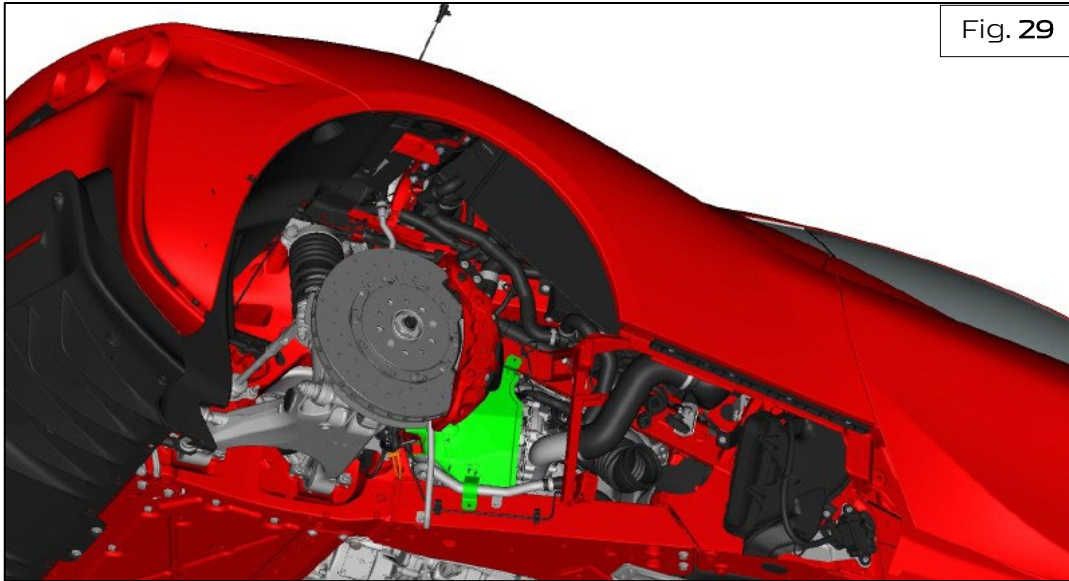


- Unscrew the screw – Fig. 28

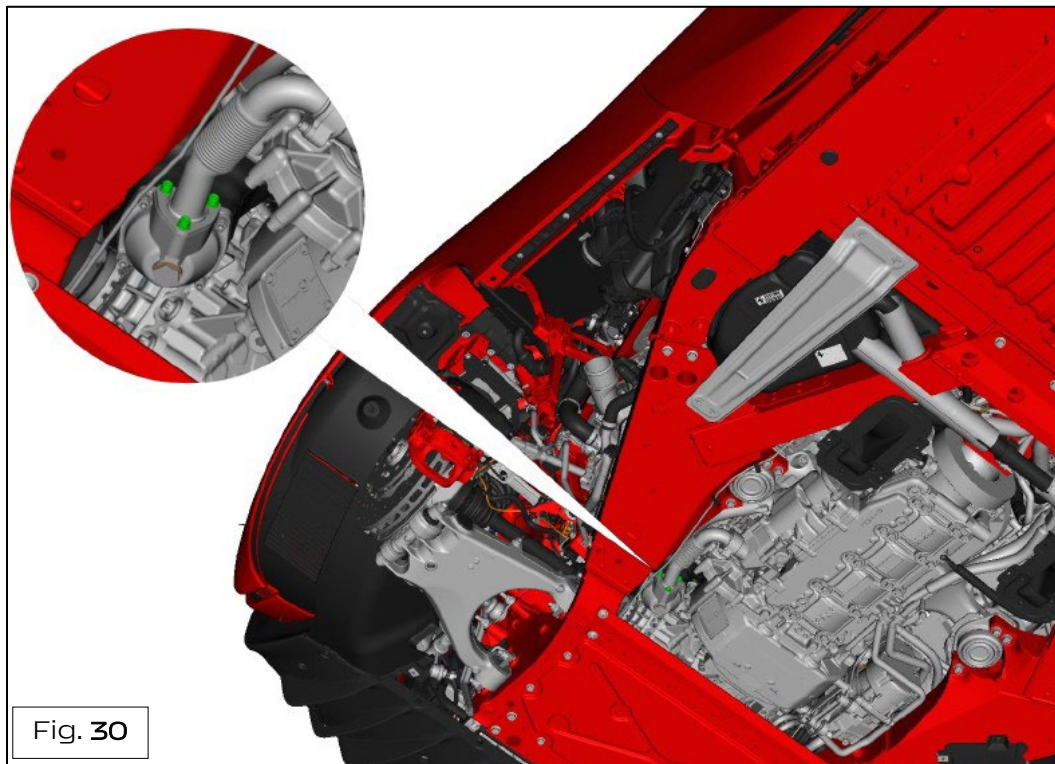


Technical Instructions (cont.)

- Remove the heat shield – Fig. 29

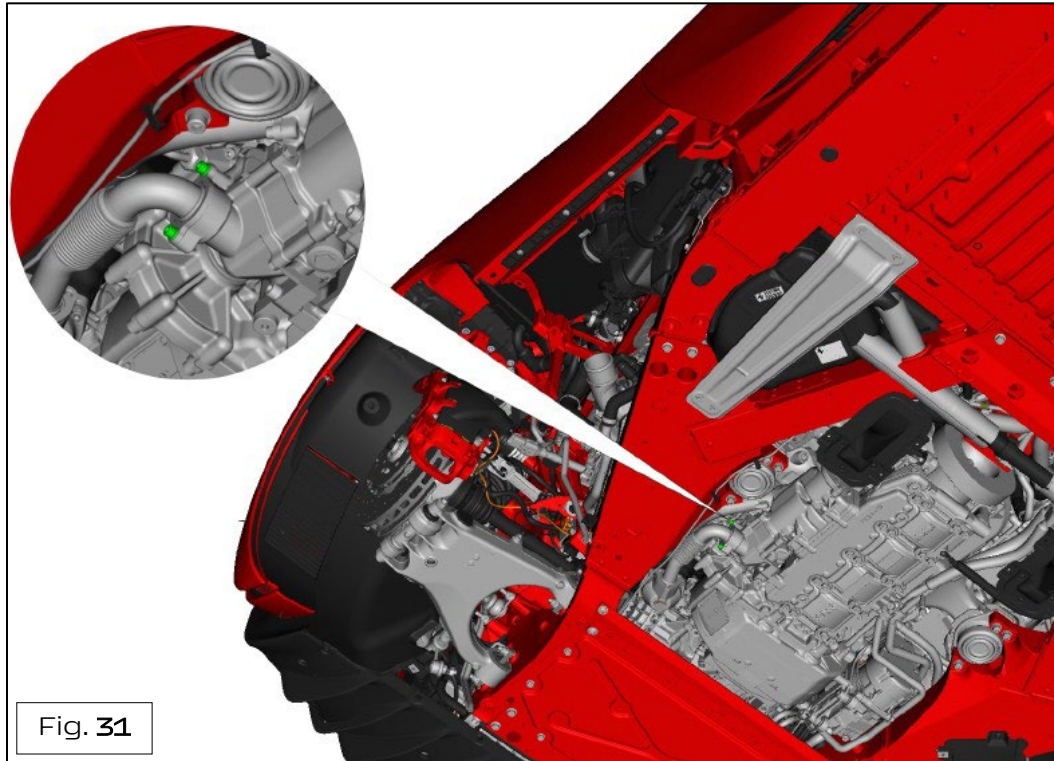


- Unscrew the screws – Fig. 30

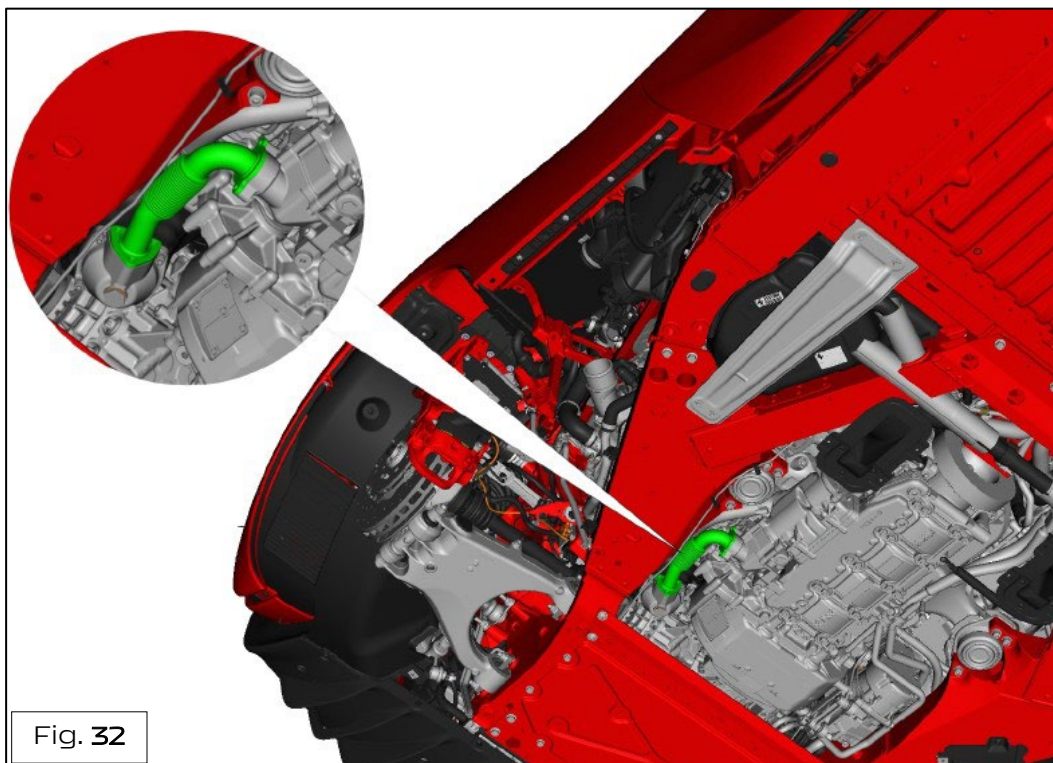


Technical Instructions (cont.)

- Unscrew the screws – Fig. 31

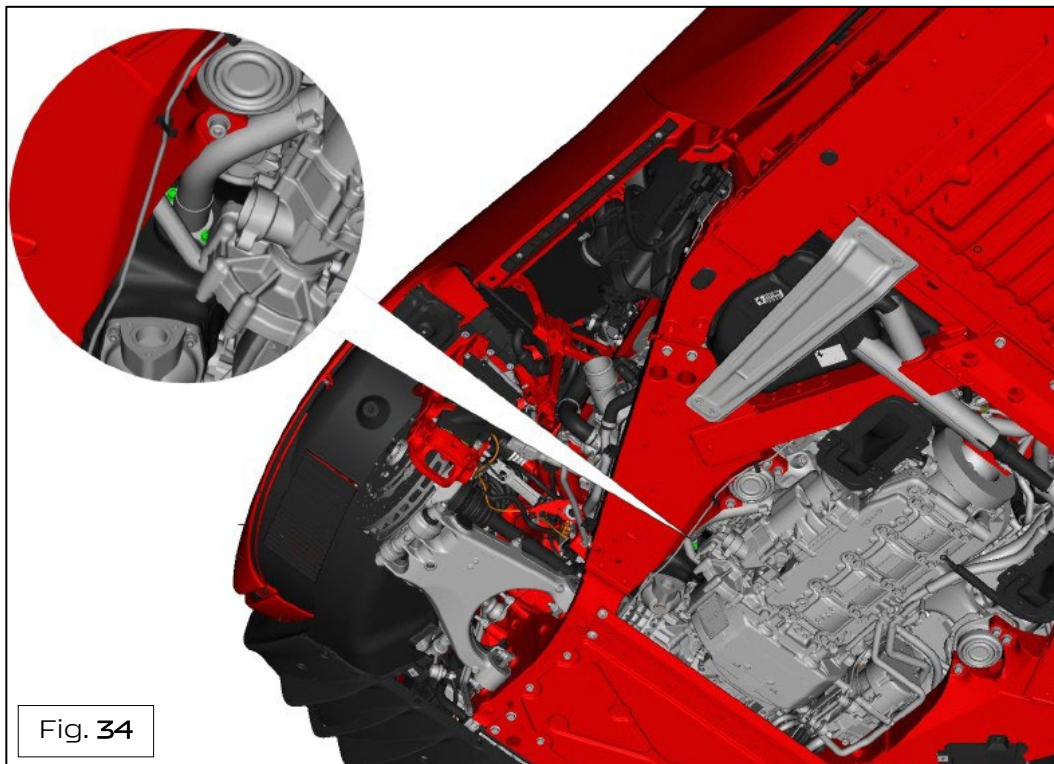
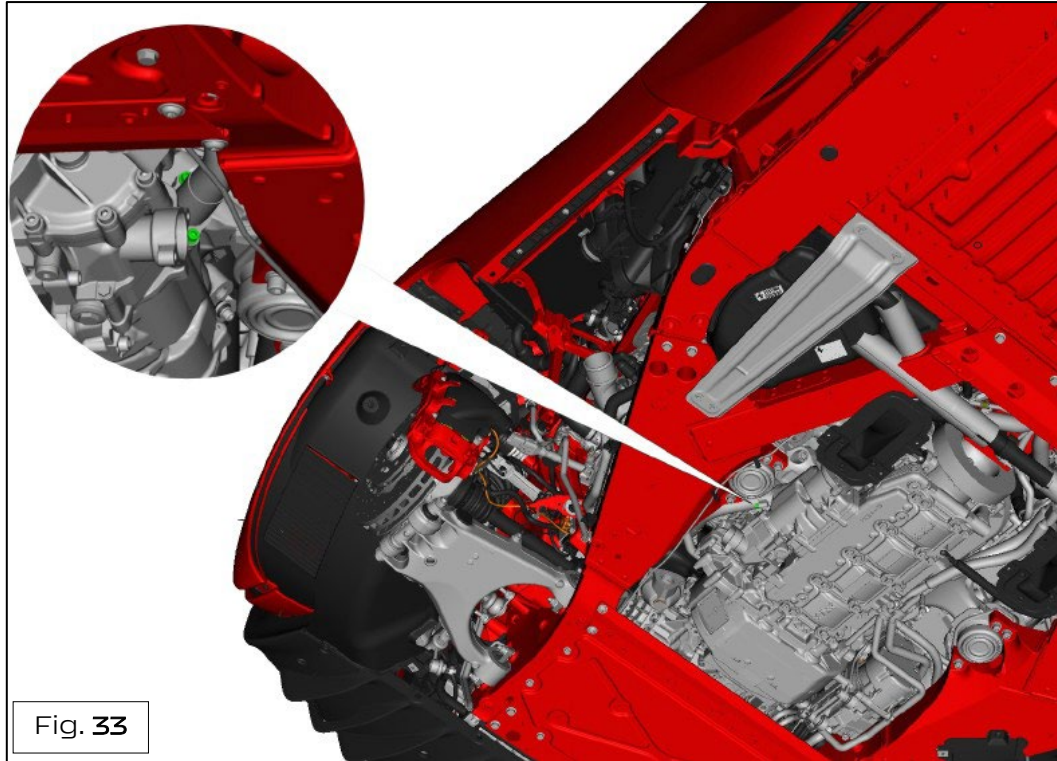


- Place a drain pan underneath the work area. Disconnect and remove the engine lubrication system oil delivery pipe – Fig. 32



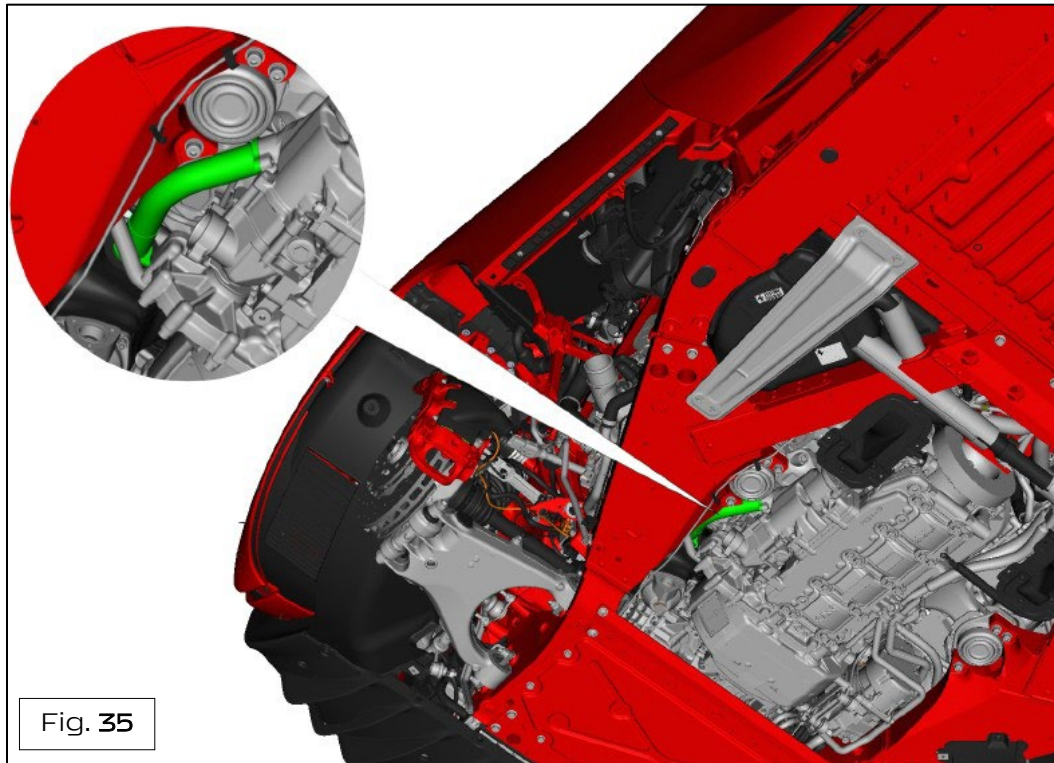
Technical Instructions (cont.)

- Unscrew the indicated screws – Fig. 33 and 34

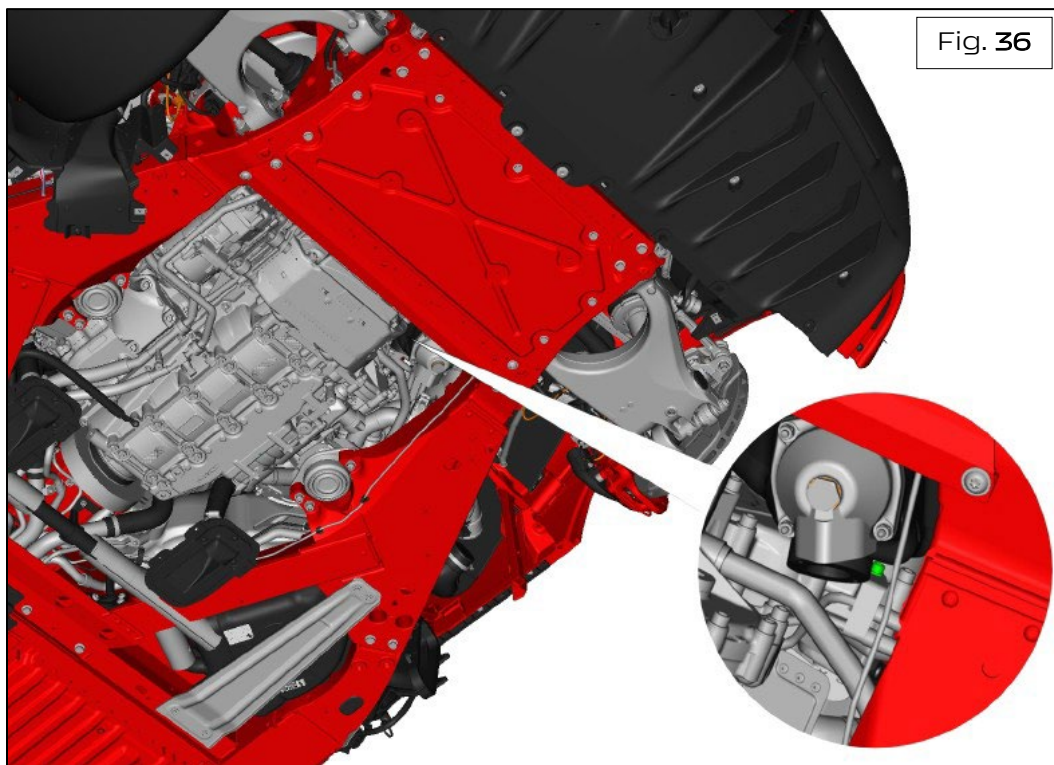


Technical Instructions (cont.)

- Place a drain pan underneath the work area. Disconnect and remove the engine lubrication system oil return pipe – Fig. 35

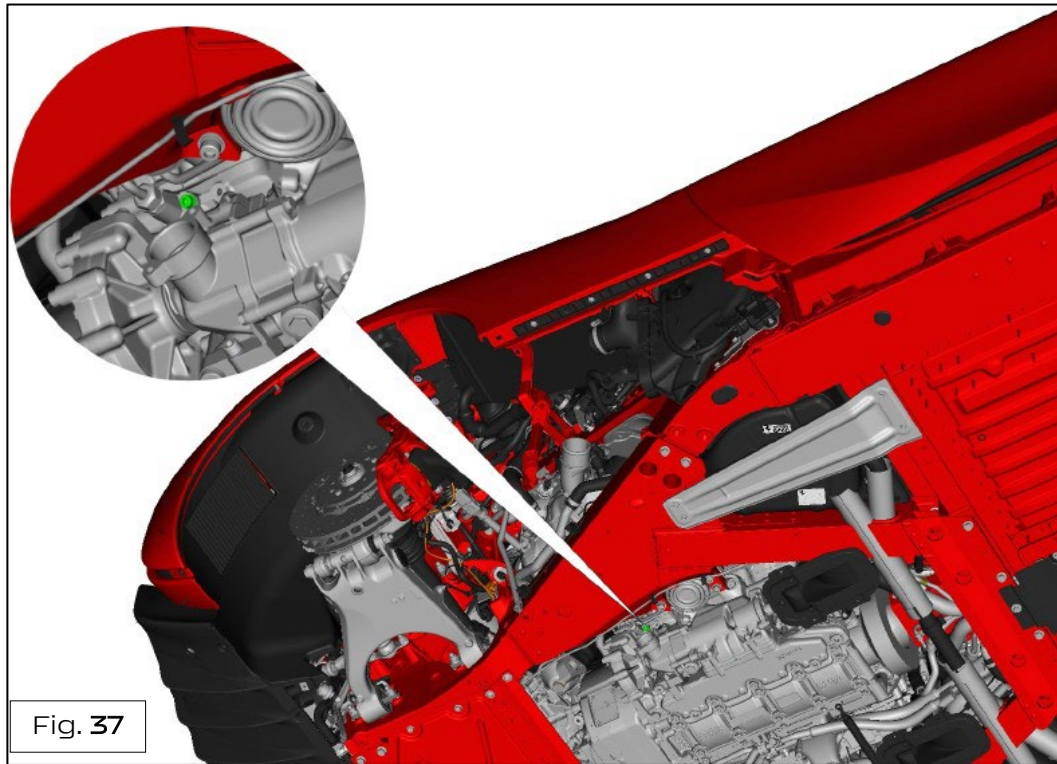


- Undo the indicated screw – Fig. 36.

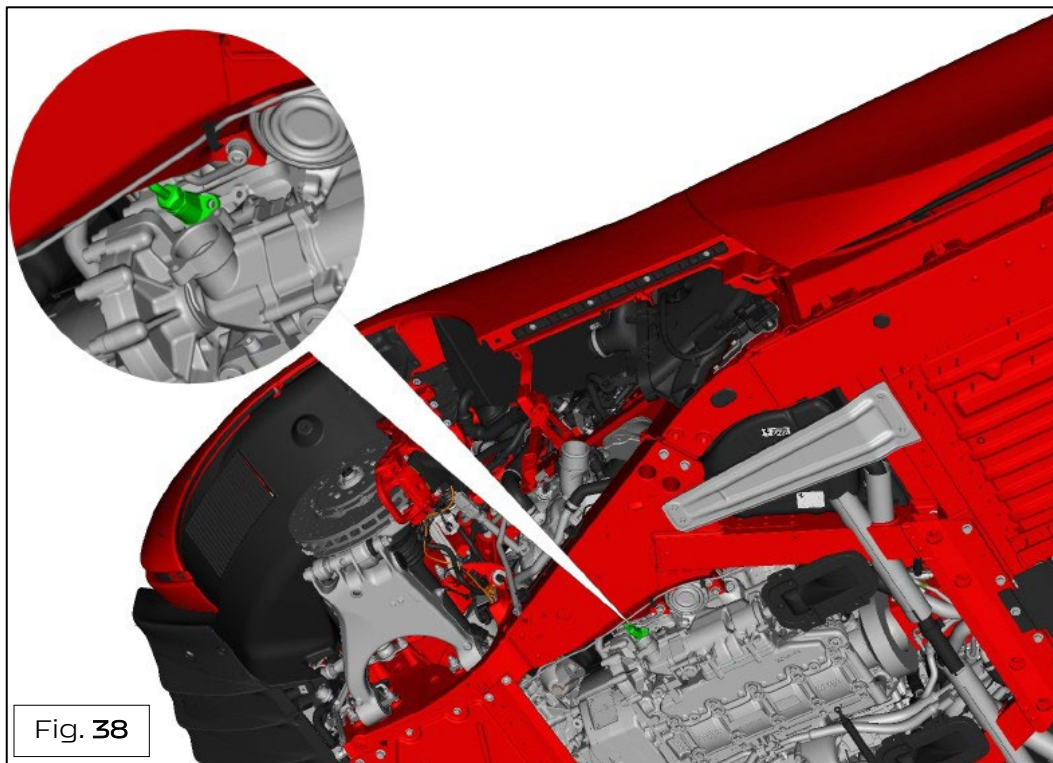


Technical Instructions (cont.)

- Place a drain pan underneath the work area and unscrew the screw – Fig. 37

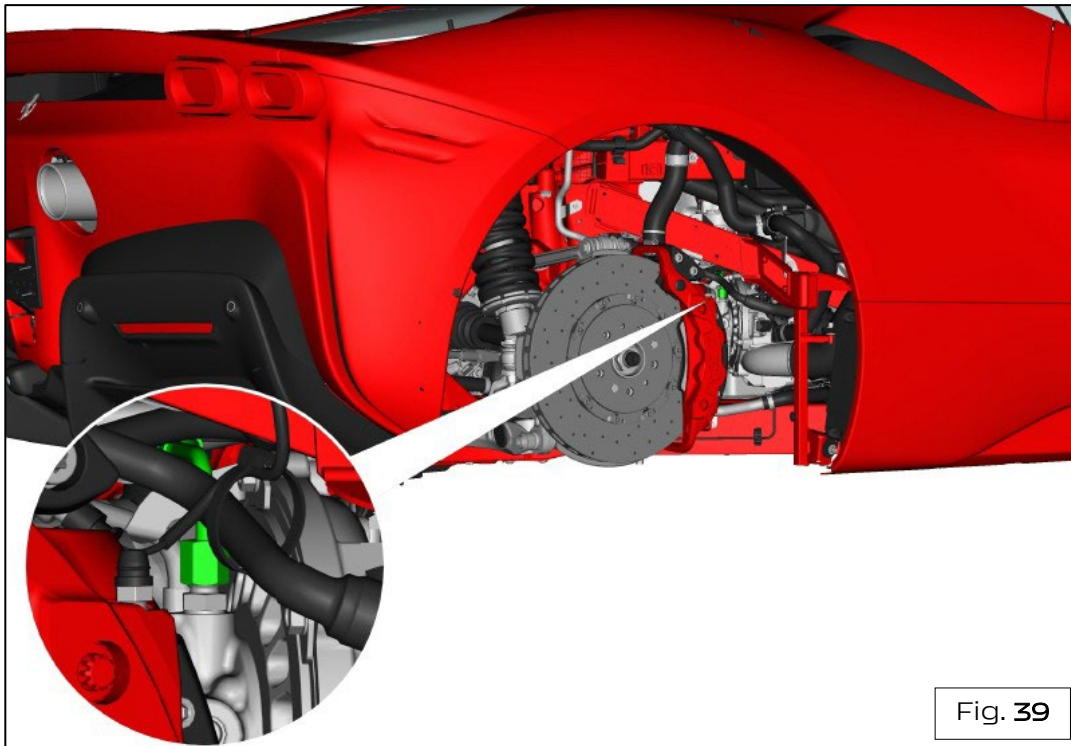


- Disconnect the turbocharger oil delivery pipe – Fig. 38

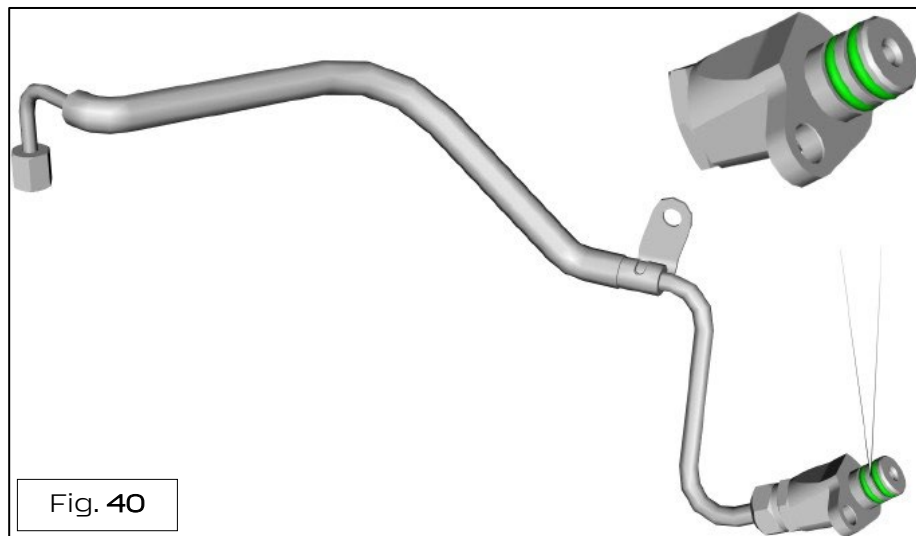


Technical Instructions (cont.)

- Place a drain pan underneath the work area. Disconnect and remove the turbocharger oil delivery pipe – Fig. 39

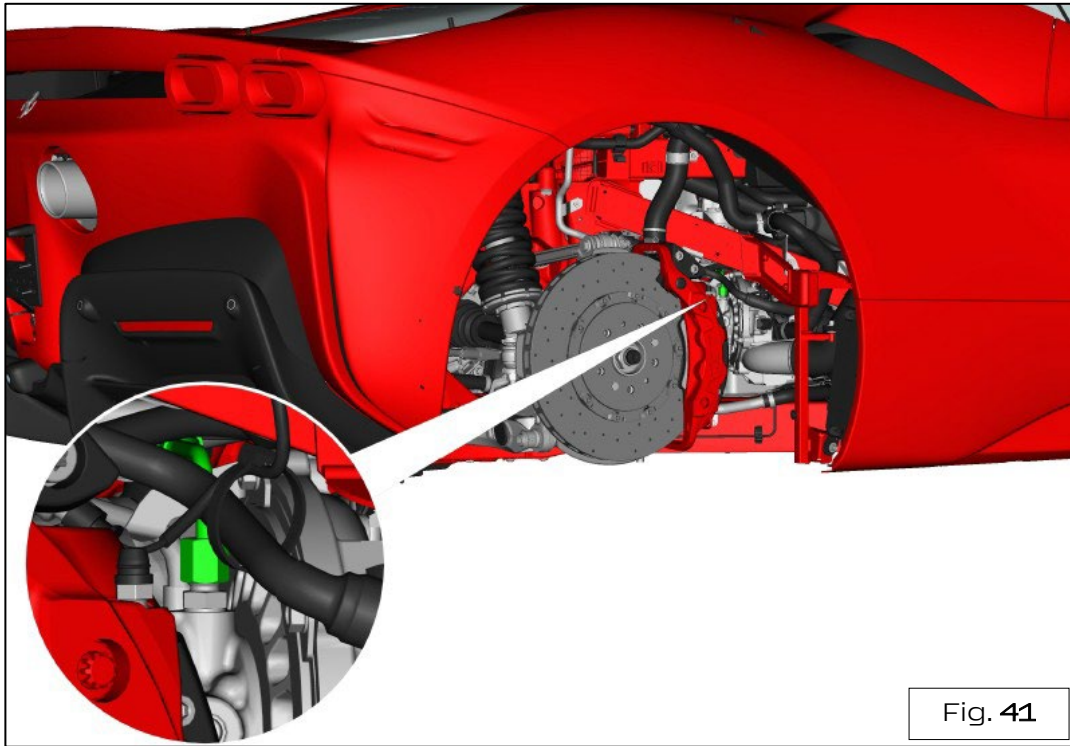


- Take the new RH turbocharger oil delivery pipe and check that the respective gaskets are not damaged and correctly fitted – Fig. 40.

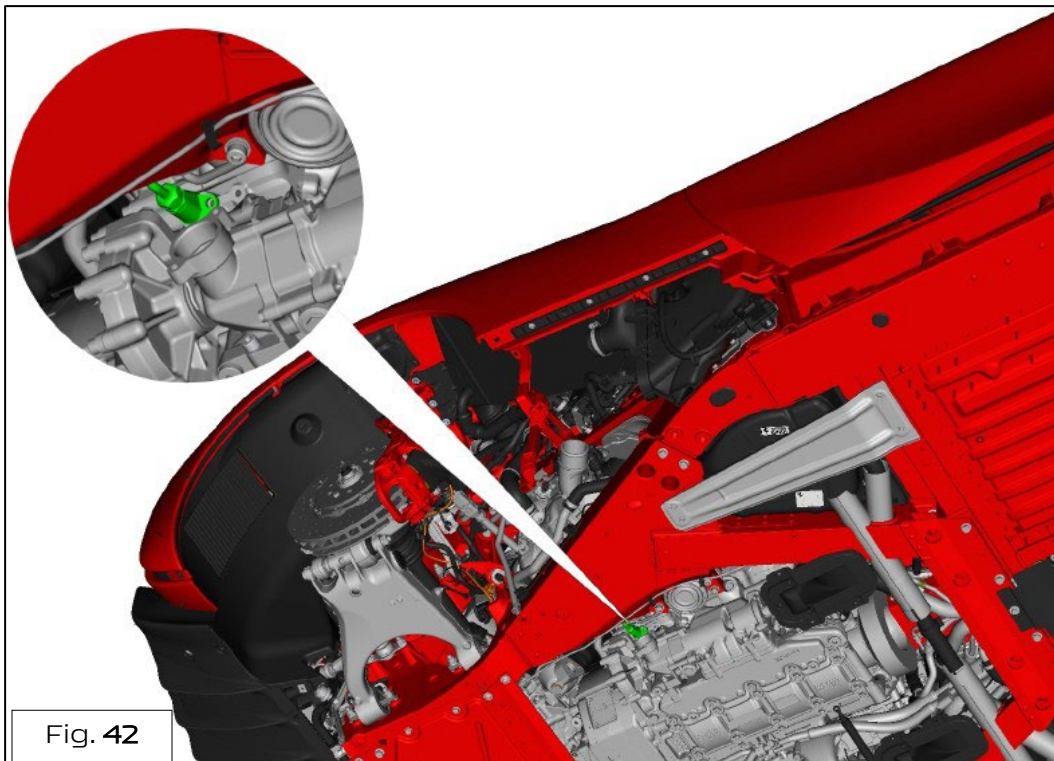


Technical Instructions (cont.)

- Fit and connect the RH turbocharger oil delivery pipe. Partially tighten the pipe union – Fig. 41.

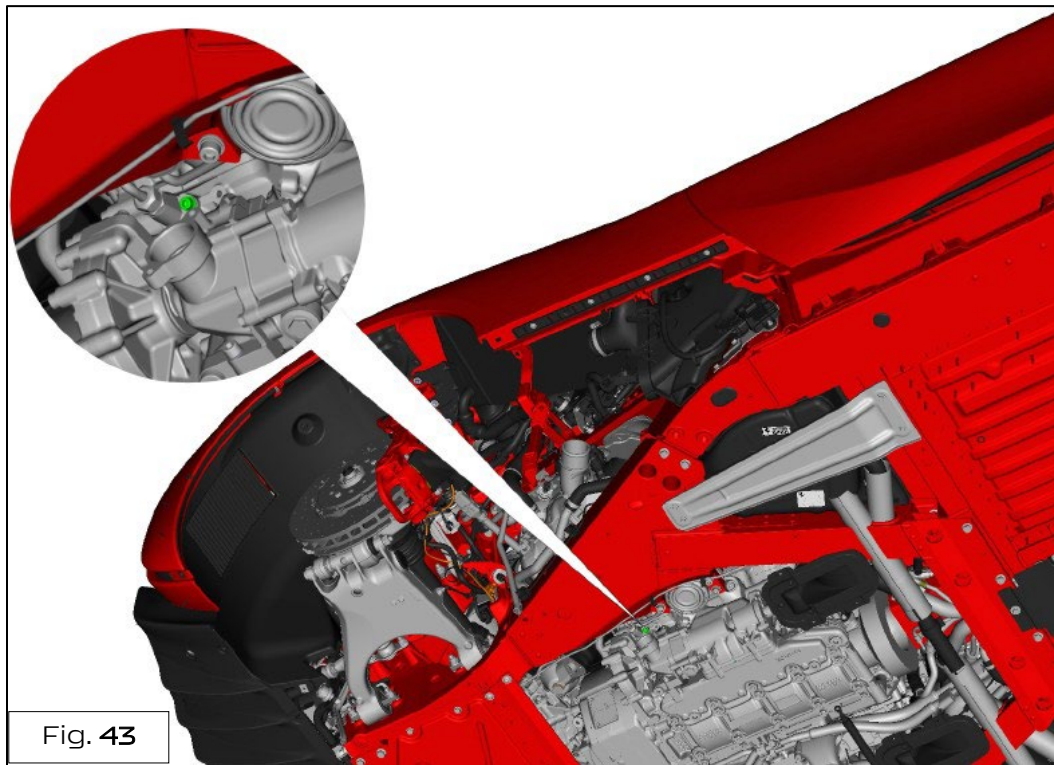


- Connect the oil delivery pipe – Fig. 42

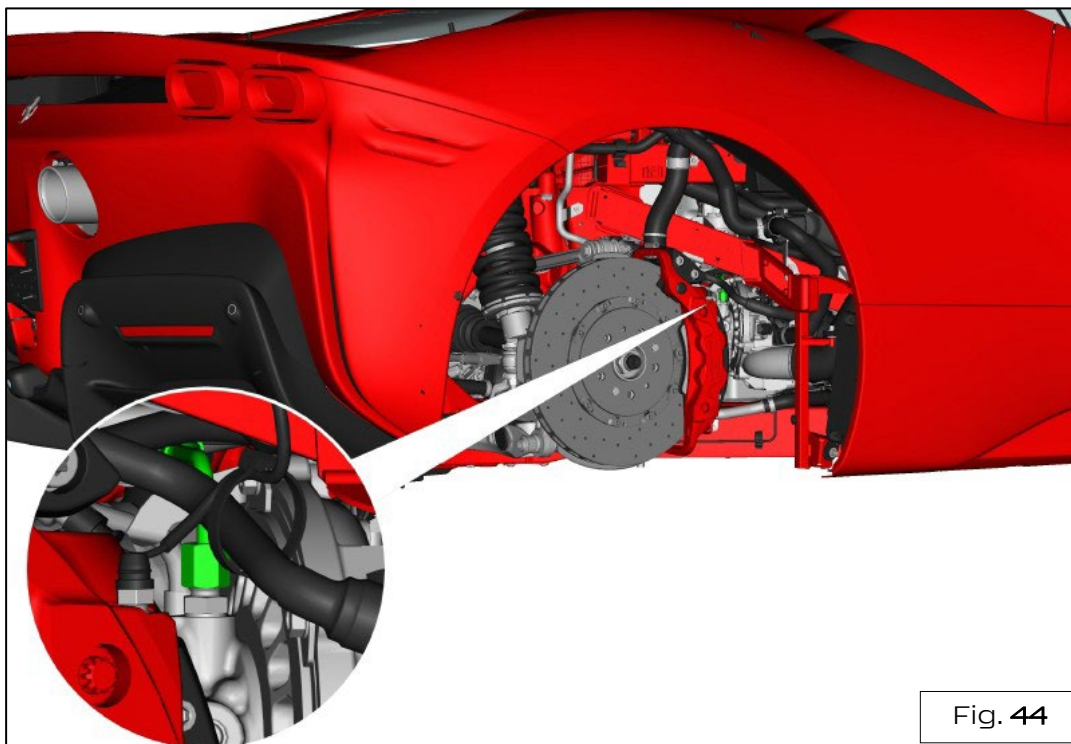


Technical Instructions (cont.)

- Partially tighten the screw – Fig. 43

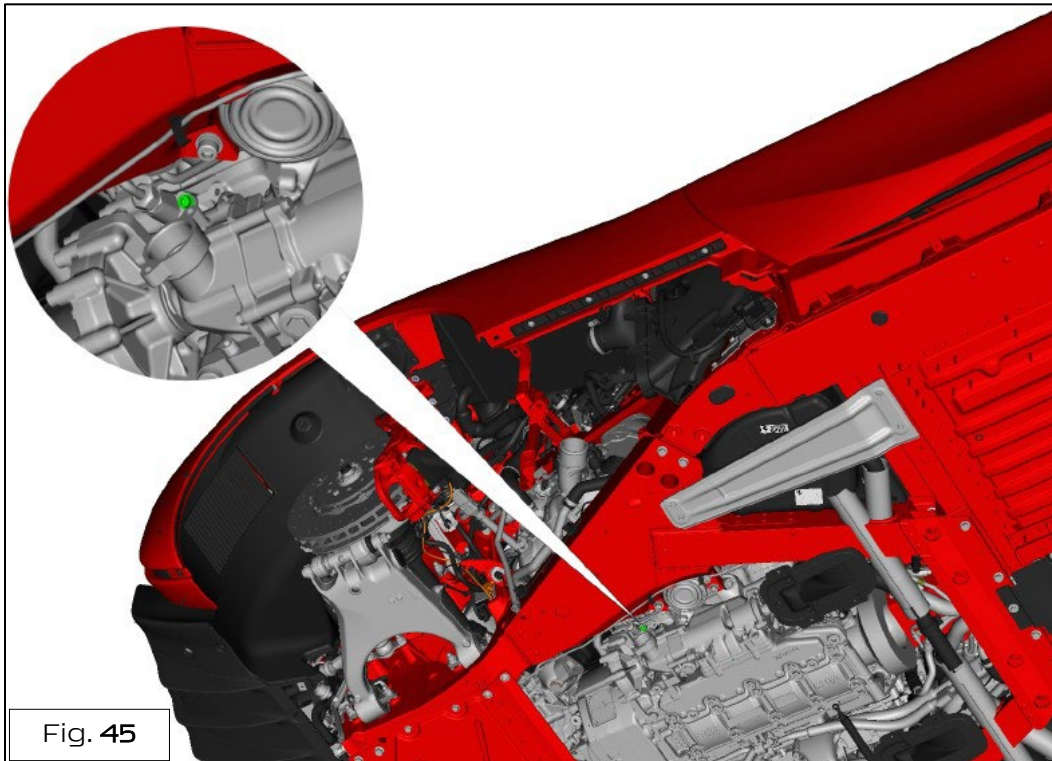


- Tighten the turbocharger oil delivery pipe union to a torque of 14 Nm. Tighten the pipe union by giving the wrench another quarter turn – Fig. 44

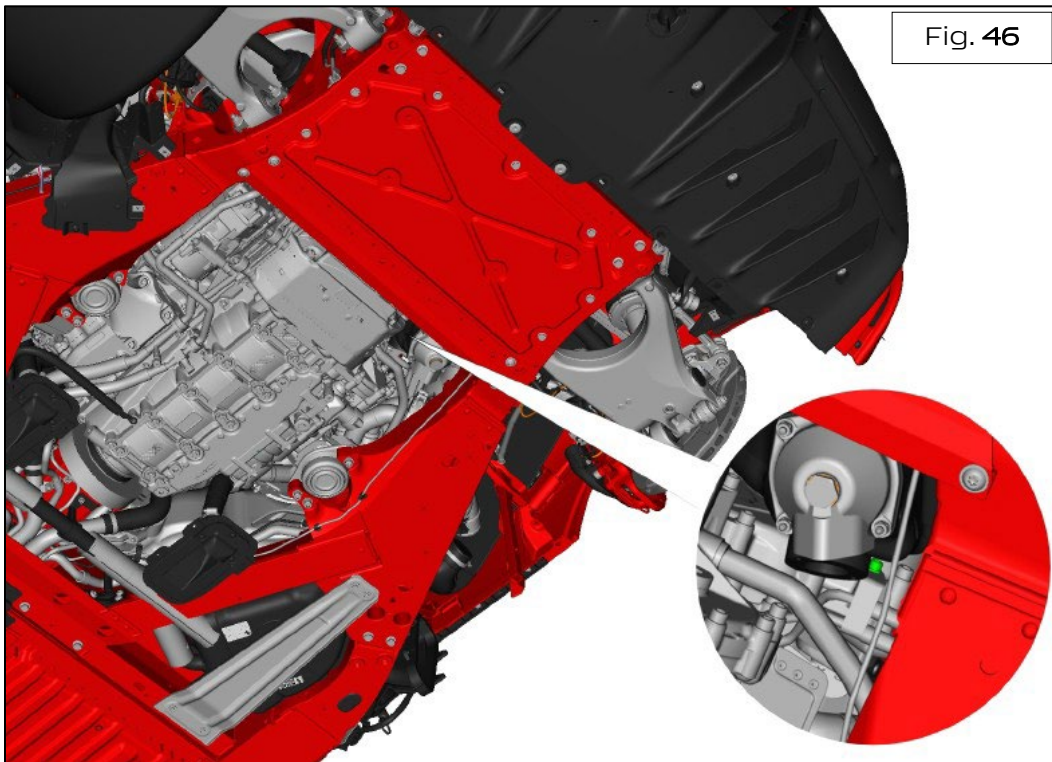


Technical Instructions (cont.)

- Tighten the screw fastening the oil delivery pipe to the engine to a torque of 10 Nm – Fig. 45.

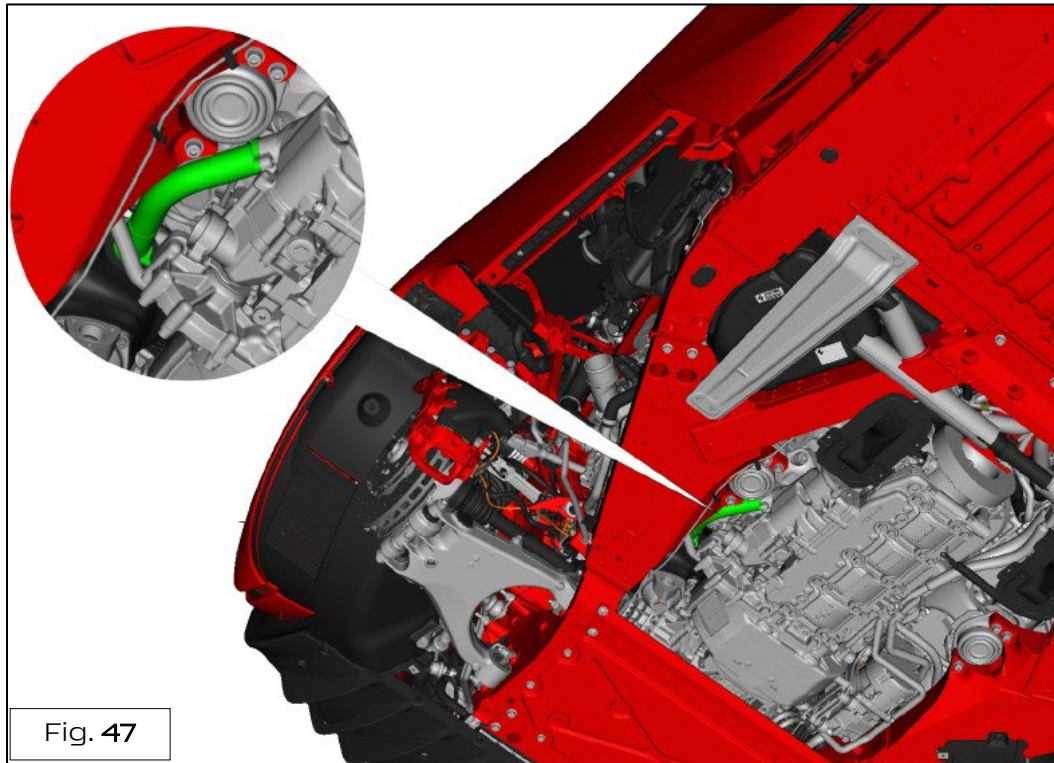


- Tighten the screw fastening the water delivery pipe and oil delivery pipe to the engine to a torque of 10 Nm – Fig. 46.

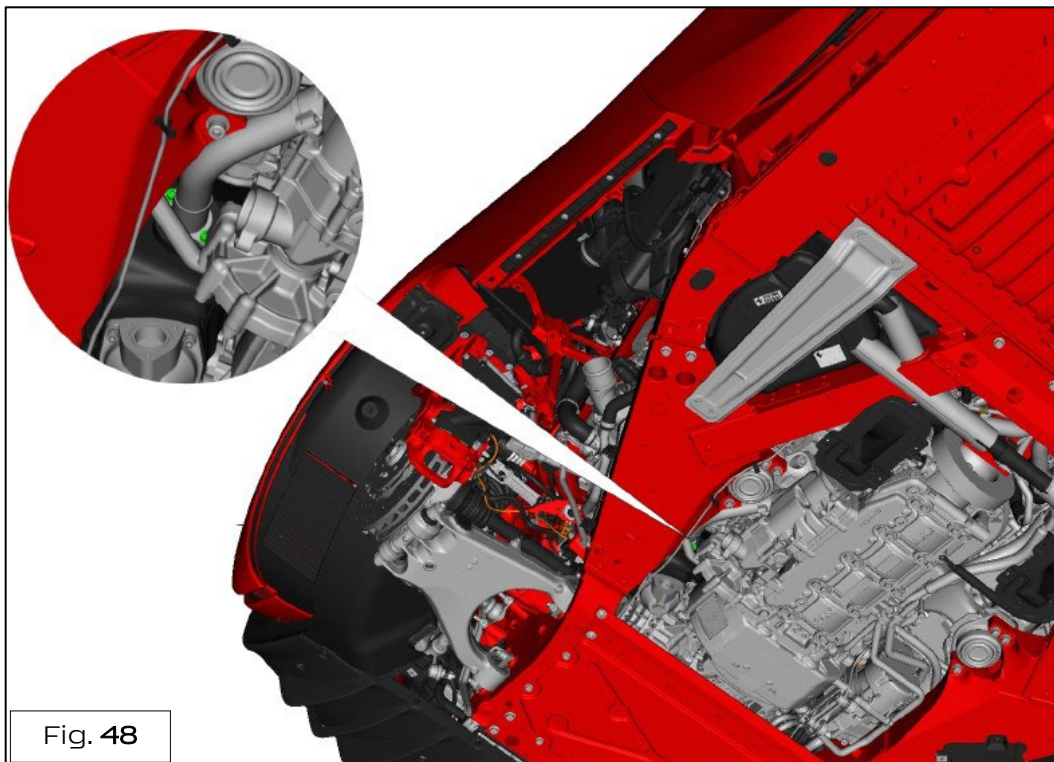


Technical Instructions (cont.)

- Replace the engine lubrication system oil return pipe gaskets. Fit the engine lubrication system oil return pipe – Fig. 47

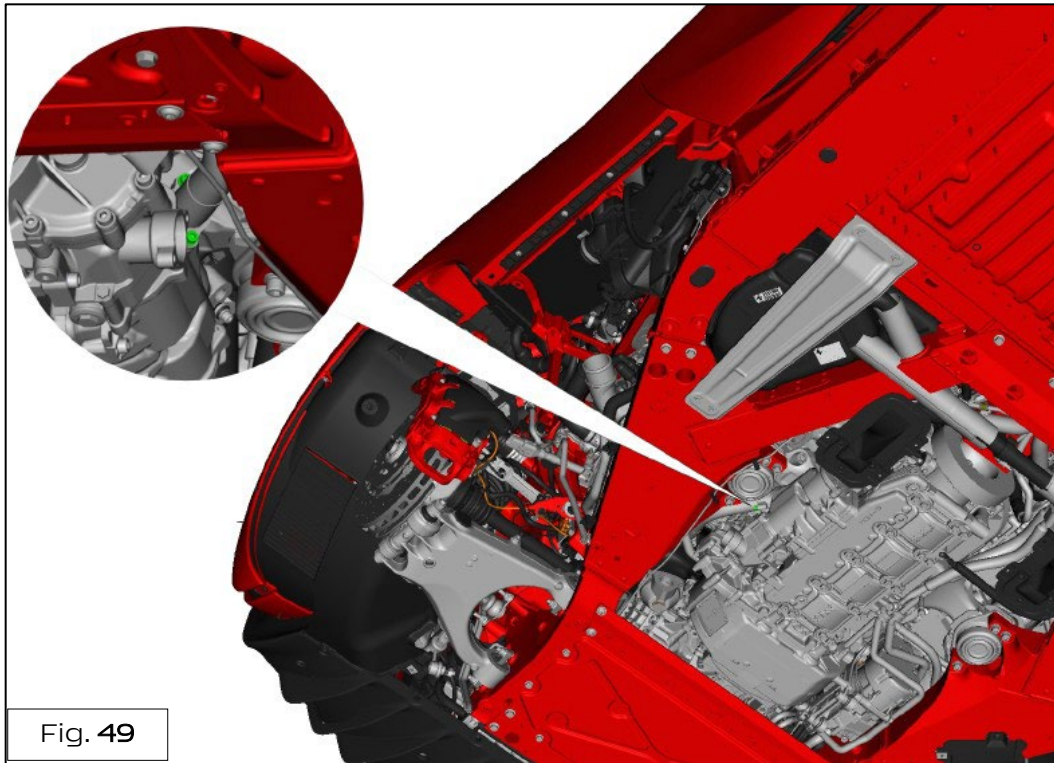


- Tighten the screws fastening the oil return pipe to the engine oil tank to a torque of 10 Nm – Fig. 48.

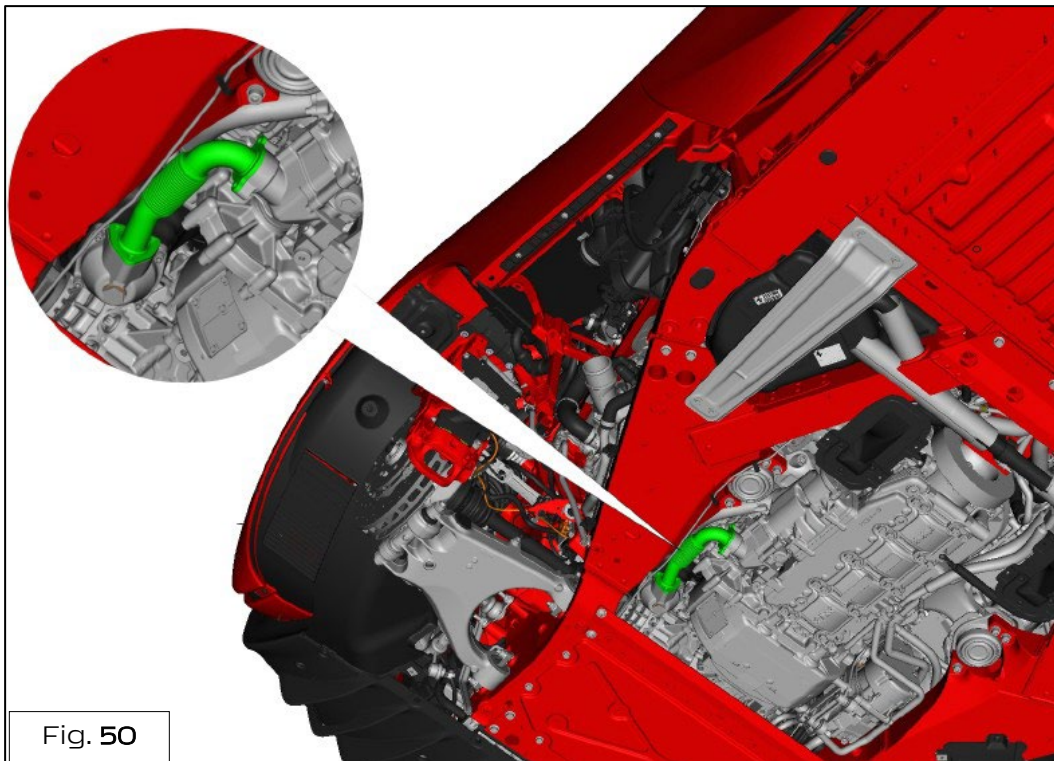


Technical Instructions (cont.)

- Tighten the screws fastening the oil return pipe to the engine to a torque of 10 Nm
– Fig. 49.

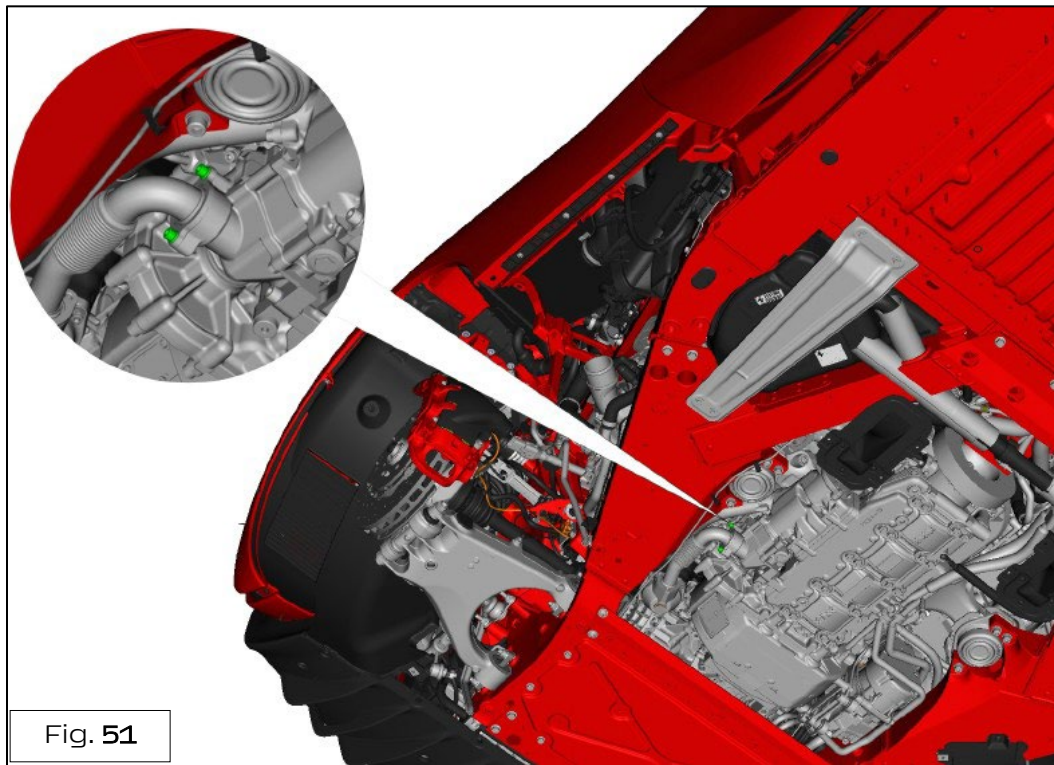


- Replace the engine lubrication system oil delivery pipe gaskets. Fit the engine lubrication system oil delivery pipe – Fig. 50

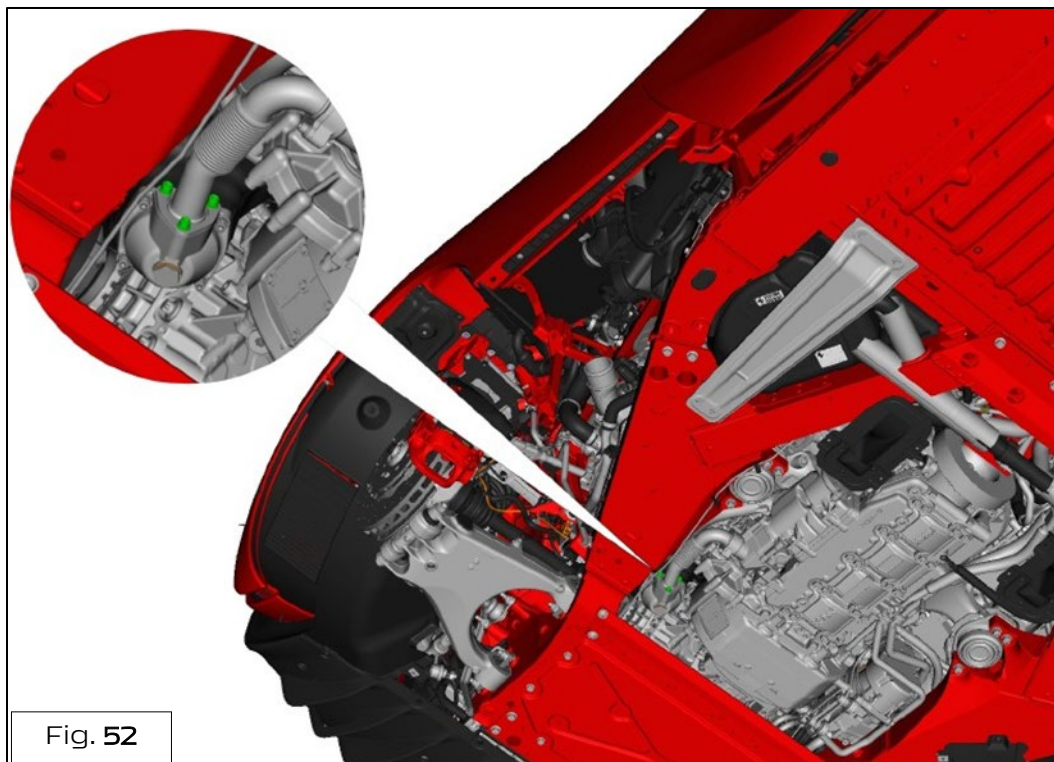


Technical Instructions (cont.)

- Tighten the screws fastening the oil delivery pipe to the engine to a torque of 10 Nm – Fig. 51.

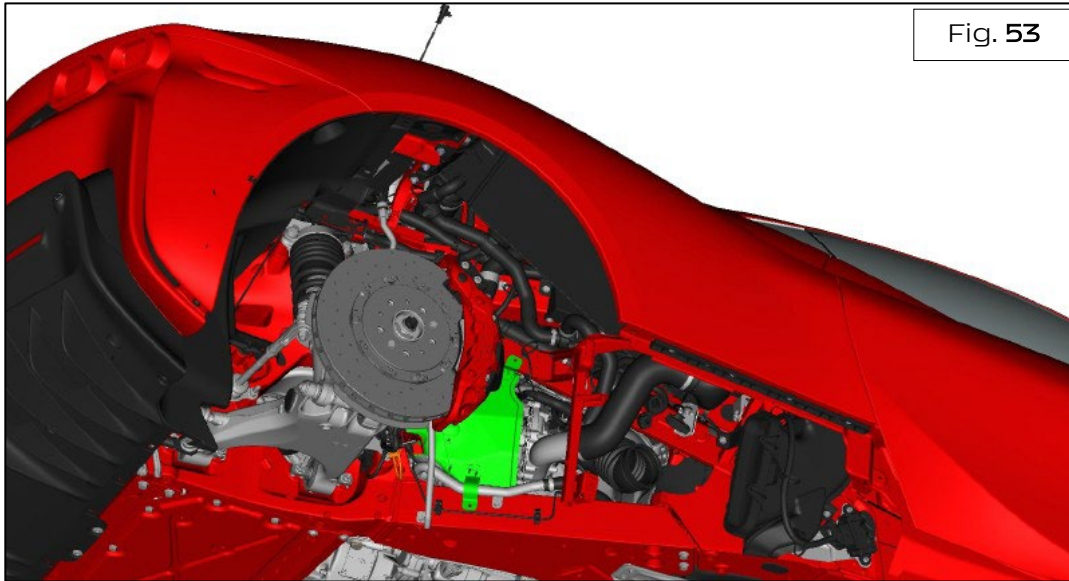


- Tighten the screws fastening the oil delivery pipe to the engine oil tank to a torque of 10 Nm – Fig. 52.

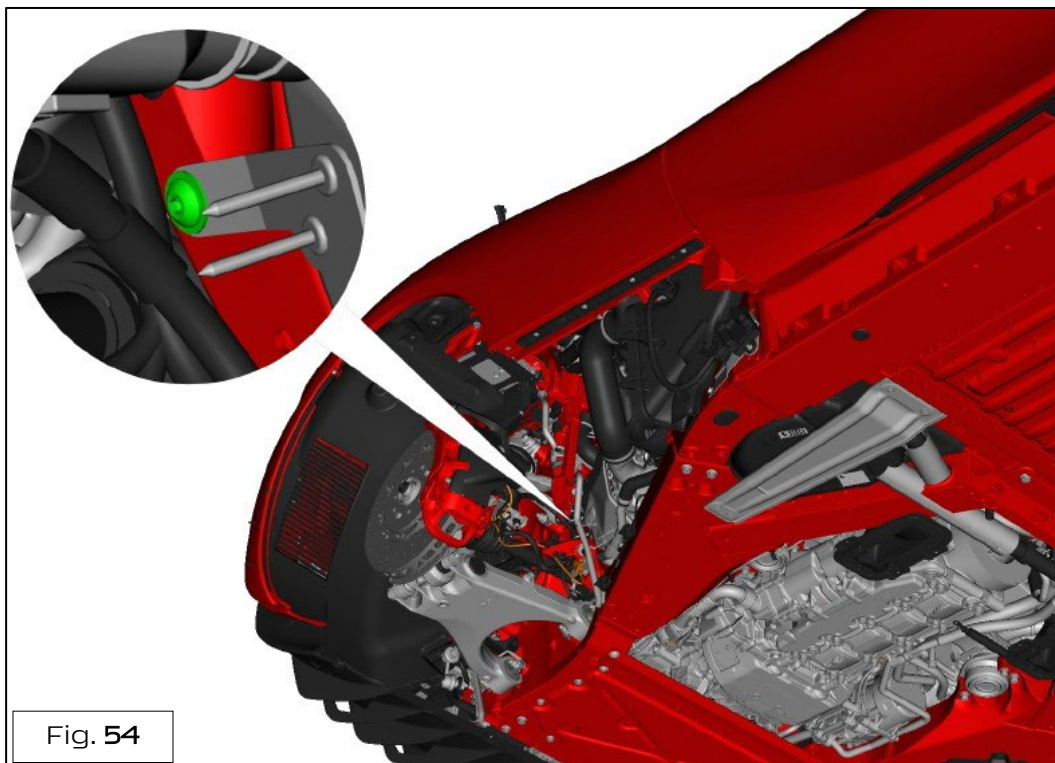


Technical Instructions (cont.)

- Fit the heat shield – Fig. 53

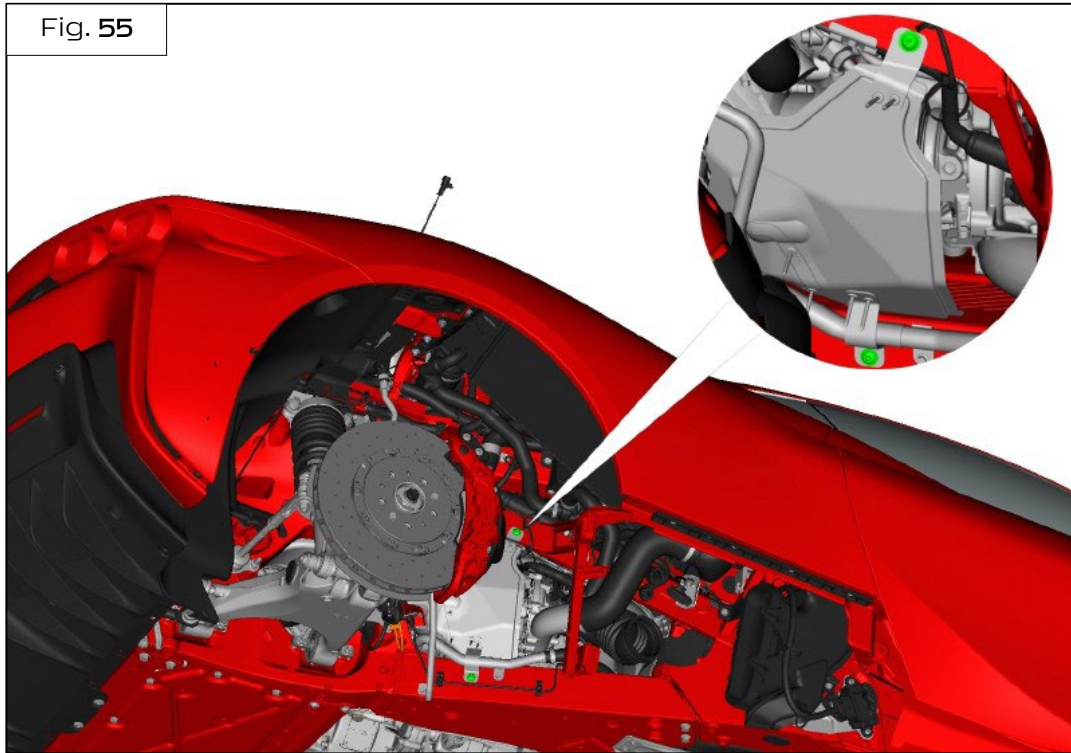


- Tighten the screw fastening the heat shield to the rear subframe to a torque of 7 Nm – Fig. 54.



Technical Instructions (cont.)

- Tighten the screws fastening the heat shield to the rear subframe – Fig. 55



- Refit the RH engine air intake system filter box.
- Fill the engine lubrication system.
- Check the turbocharger pipe connections for leaks.
- Refit the rear flat undertray section.
- Road test the vehicle.
- Remove the rear flat undertray section.
- Check the turbocharger pipe connections for leaks.
- Refit the rear flat undertray section.

Thank you for your co-operation. Please do not hesitate to contact us with any further queries.