

# Billet CNC Intake Manifold

VW/Audi/SKODA/Porsche 2.0/1.8TFSI EA888 GEN3



## Notes:

When disassembling the car, be sure to keep all fasteners so they can be reused. It is recommended that you get some kind of compartmented tray to organize the fasteners, such as a fishing tackle box or several large ice cube trays. All directions used in this manual (right, left, front, etc.) are based on if you were sitting in the driver seat of the car.

These instructions assume that you have basic mechanical skills and several varieties of basic hand tools in order to install the kit. If you have any questions about the installation, feel free to contact our JDY representative.

# Catalog

- [Part 1-Remove OEM Intake manifold](#)
- [Part-2Assemble Components Of JDY Intake Manifold](#)
- [Part-3 ntall JDY Intake Manifold](#)

## Overview Of Parts For Intake Manifold -Parts included in the box



## List of EA888 Gen3 Intake Manifold Kits

NO	SKU	Description	Spec	Quantity
1	EA888JQQG-001	CNC Aluminum Lower Seat		1
2	EA888JQQG-002	cNc Aluminum Upper Cover		1
3	EA888JQQG-003	CNC Aluminum Auxiliary Fuel Rail		1
4	EA888JQQG-004	Stainless Steel Bolt (Hex Socket Cap Head)	M6*8	1
5	EA888JQQG-005	Stainless Steel Bolt (Hex Socket Cap Head)	M6*16	3
6	EA888JQQG-006	Stainless Steel Bolt (Hex Socket Cap Head)	M6*18	14
7	EA888JQQG-007	Stainless Steel Bolt (Hex Socket Cap Head)	M6*25	10
8	EA888JQQG-008	Stainless Steel Bolt (Hex Socket Cap Head)	M6*45	4
9	EA888JQQG-009	Stainless Steel Bolt (Hex Socket Cap Head)	M6*60	2
10	EA888JQQG-010	Stainless Steel Washer	Φ6mm	35
11	EA888JQQG-011	Stainless Steel Plug (Hex Socket Head)	M8*1.25	4
12	EA888JQQG-012	Aluminum Washer	Φ8mm	4
13	EA888JQQG-013	Stainless Steel Plug (Hex Socket Head)	G1/8	4
14	EA888JQQG-014	Aluminum Washer	Φ10mm	5
15	EA888JQQG-015	Stainless Steel Plug (Hex Socket Head)	M14*1.5	2
16	EA888JQQG-016	Aluminum Washer	Φ14mm	2
17	EA888JQQG-017	Stainless Steel Inserted Pipe Tower	G1/8-6mm(Outside Diameter)90-degree	1
18	EA888JQQG-018	Stainless Steel Inserted Pipe Tower	G1/8-8mm(Outside Diameter)	1
19	EA888JQQG-019	Fluorine Rubber O-ring	14.5(Outside Diameter)*3(Wire Diameter)	4
20	EA888JQQG-020	Fluorine Rubber O-ring	80(Outside Diameter)*2.5(Wire Diameter)	1
21	EA888JQQG-021	Fluorine Rubber O-ring	250(Outside Diameter)*2.65(Wire Diameter)	1

**Remove OEM Intake  
manifold**

Remove the bolts on air deflector with  
T25 socket

Remove the air deflector

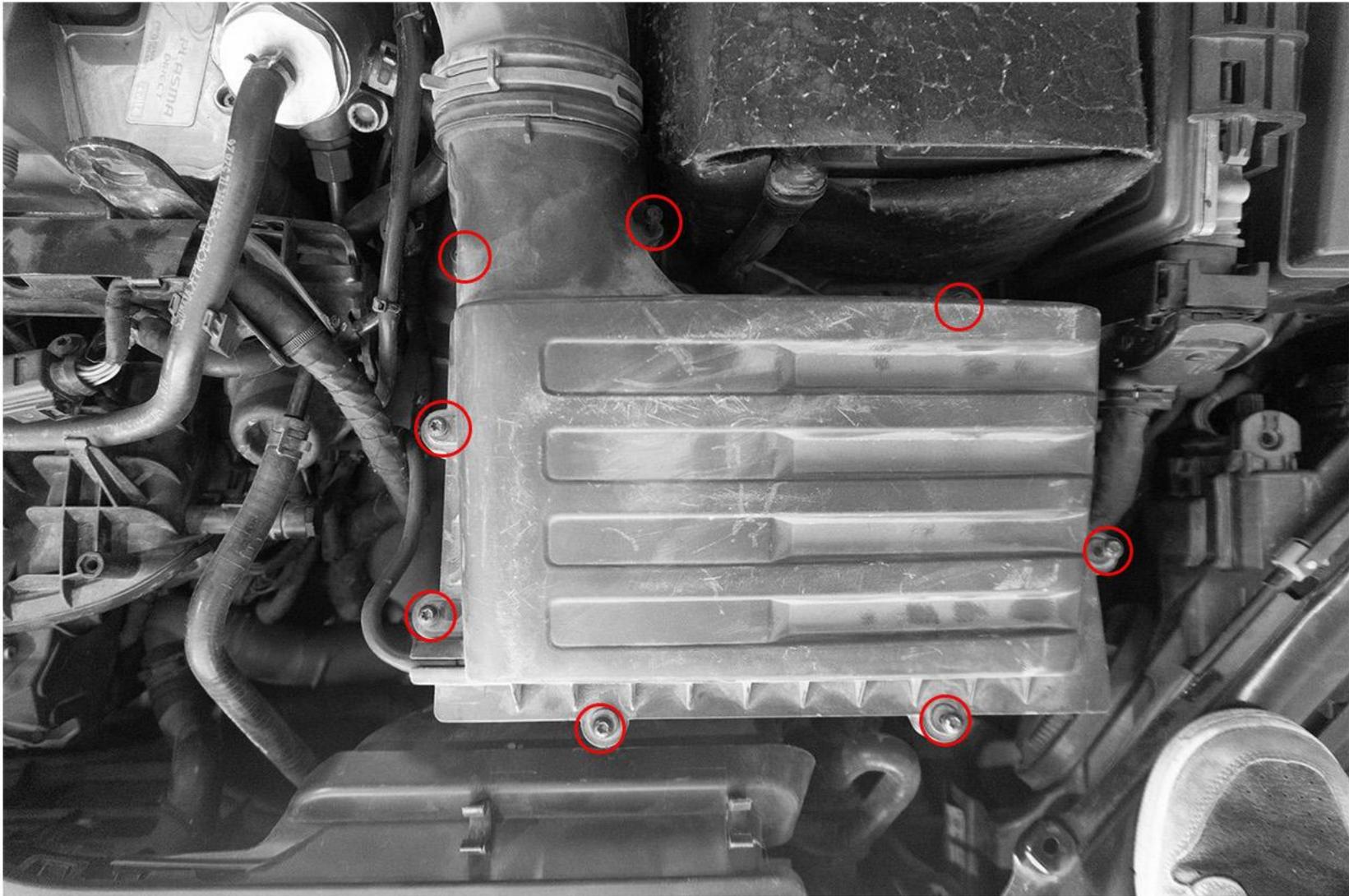


Remove the inlet pipe with 7mm socket



Remove the bolts on air filter cap with T25 socket

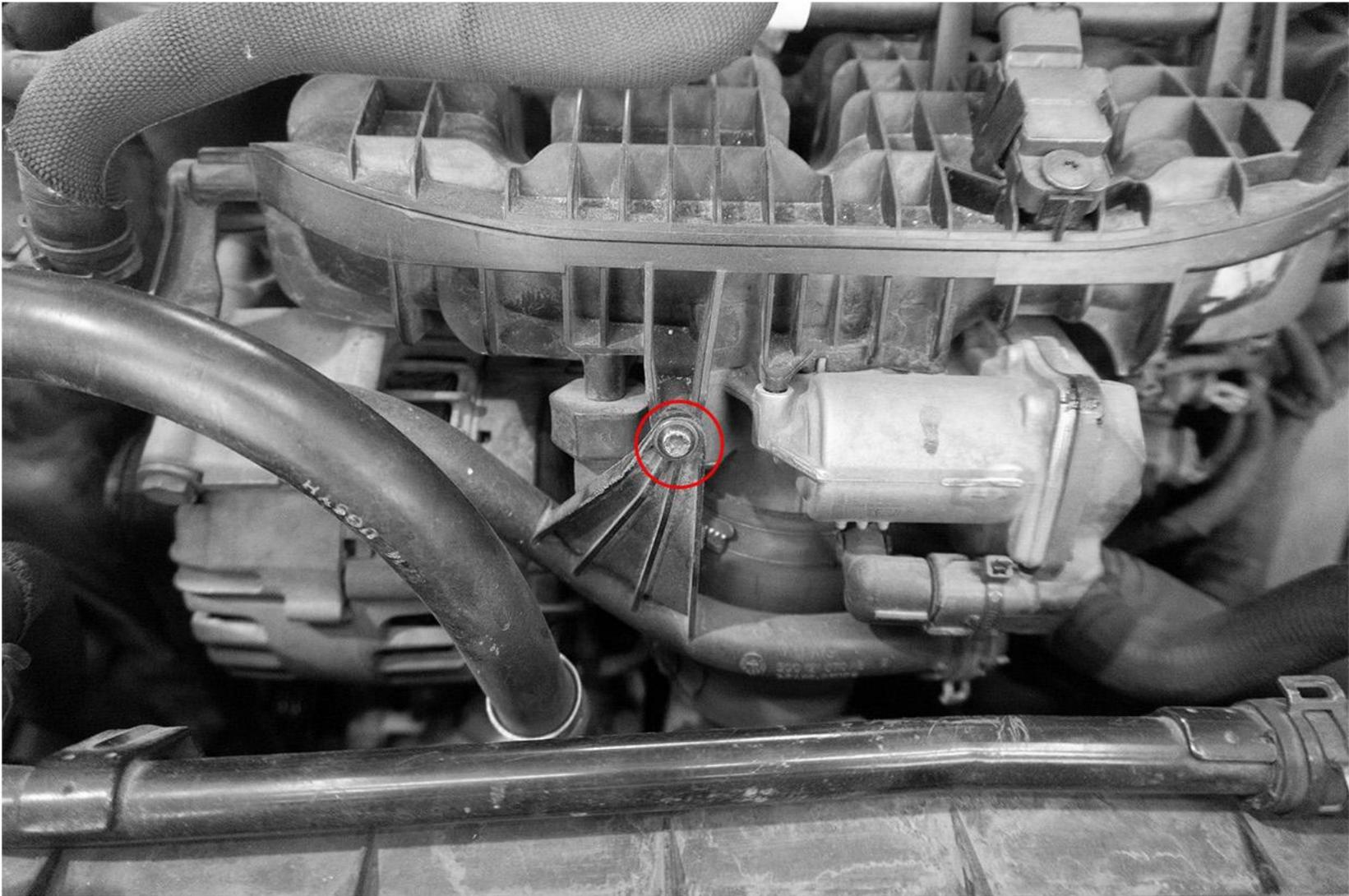
Remove air filter cap



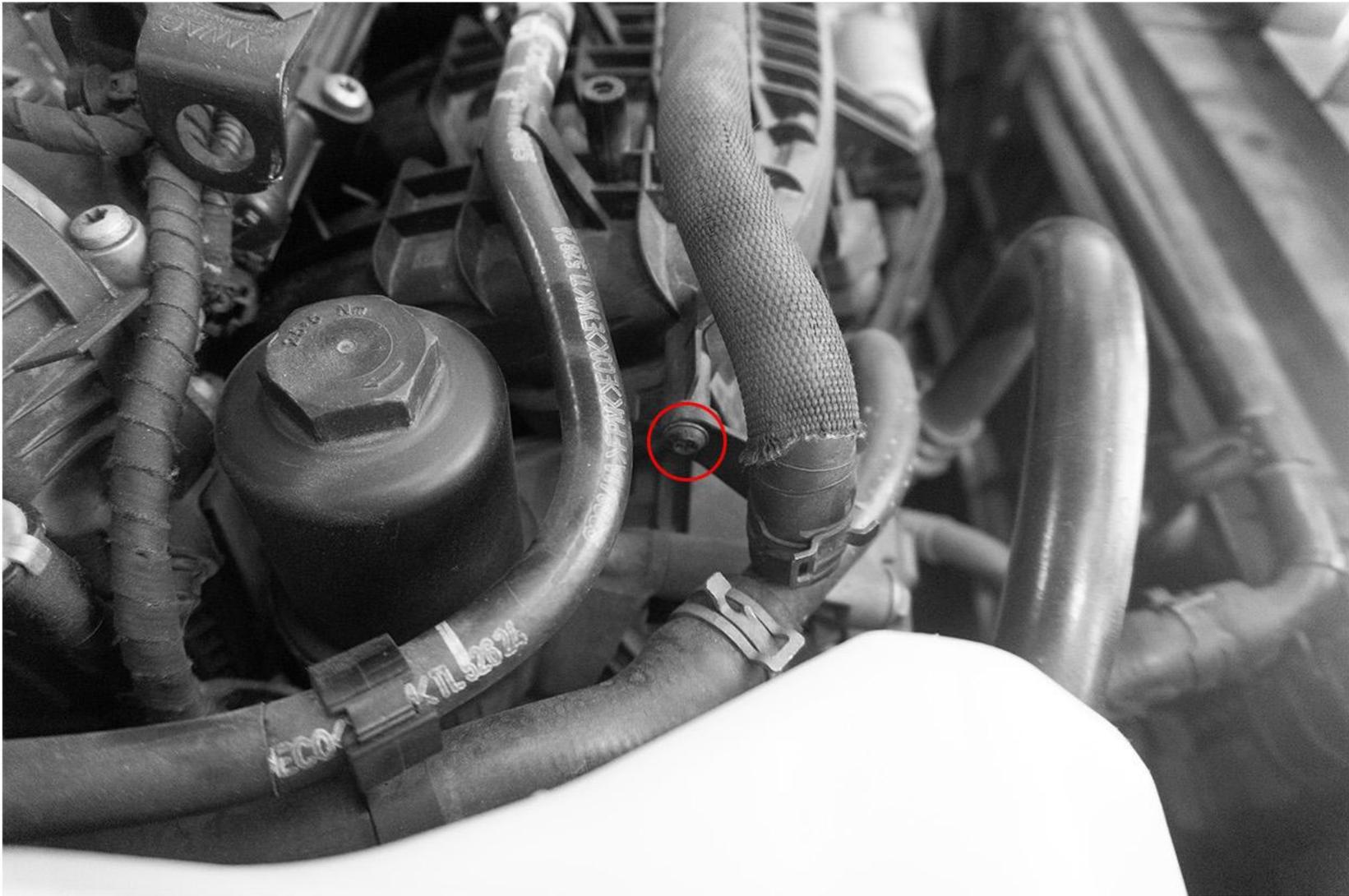
Remove air filter base



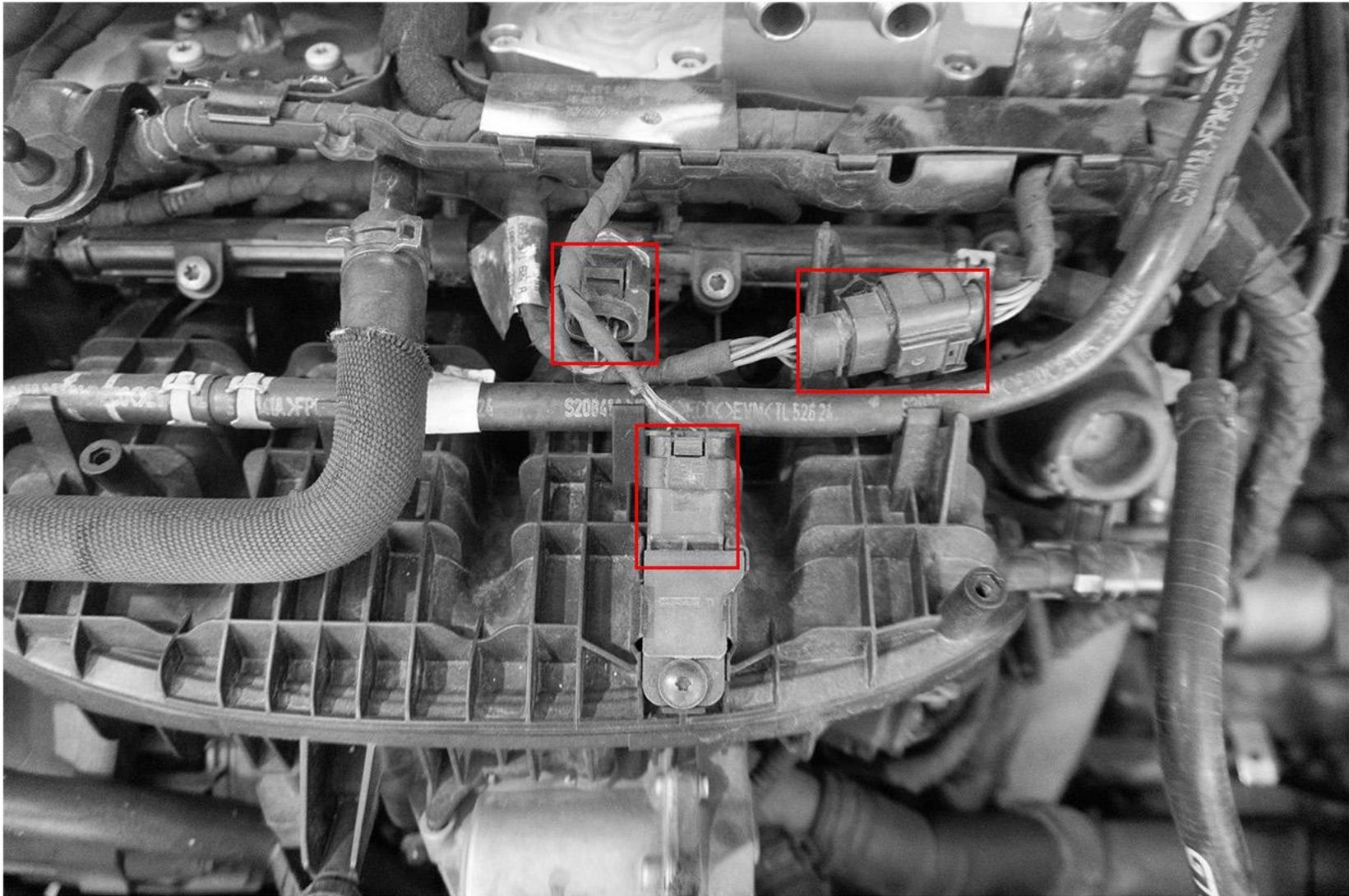
Remove the bolts on outlet pipe using T30 socket



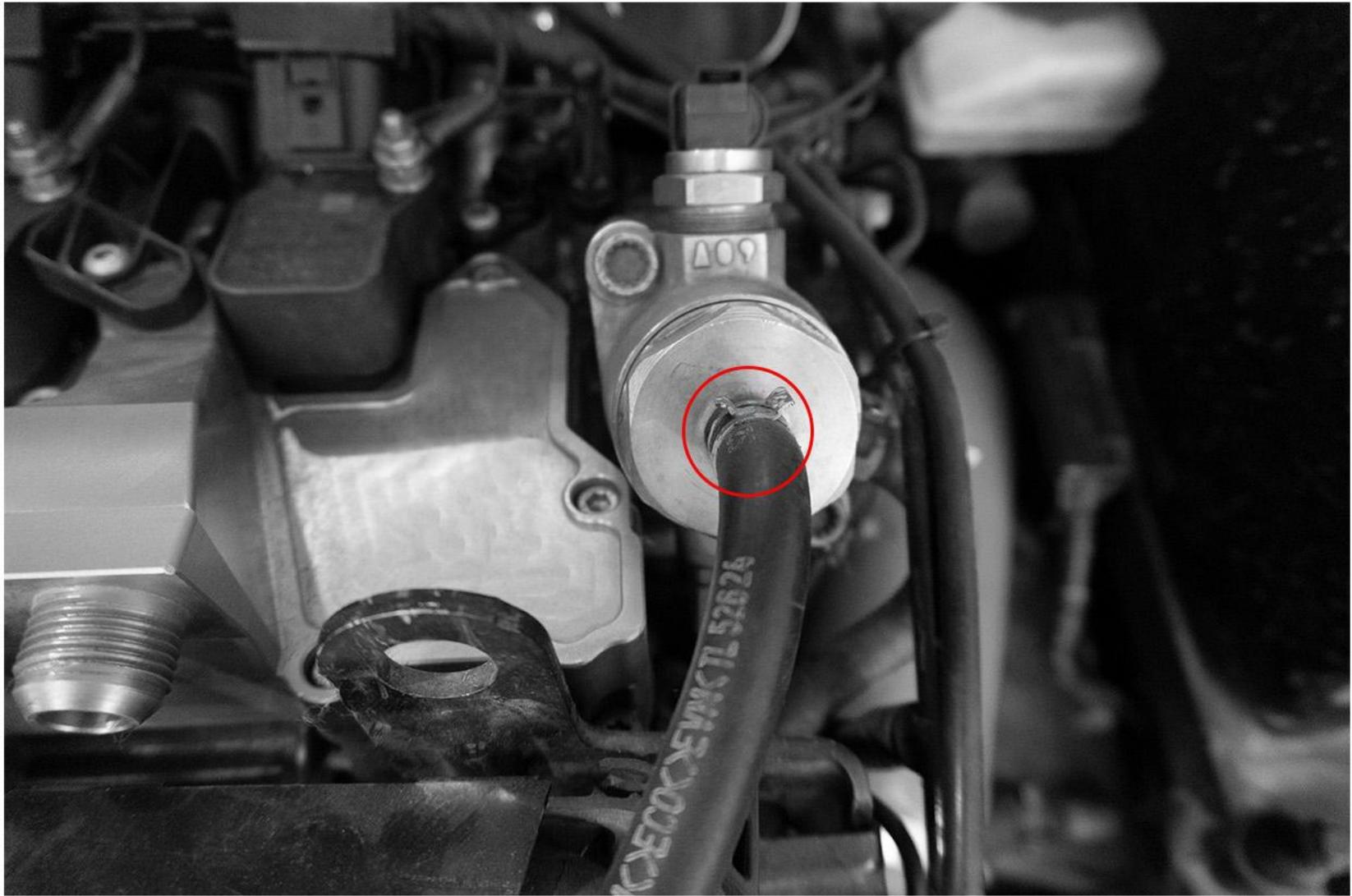
Remove the bolts on outlet pipe using T30 socket



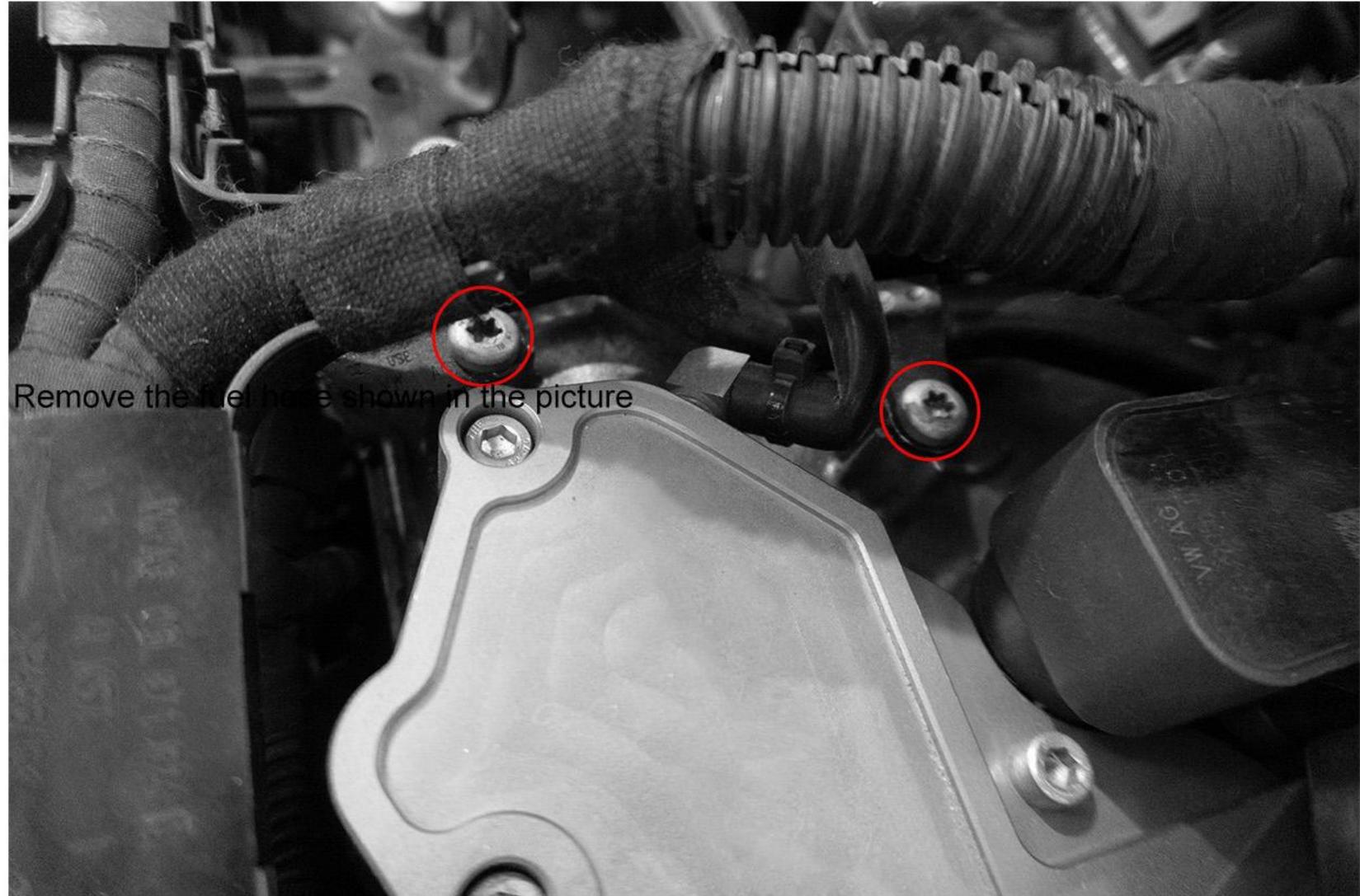
Disconnct the plugs of oil pressure sensor, fuel injector and boost pressure sensor



Remove the fuel hose attached to HPFP



Remove the bolts on the iron pipe  
alongside exhaust valve with T30  
socket

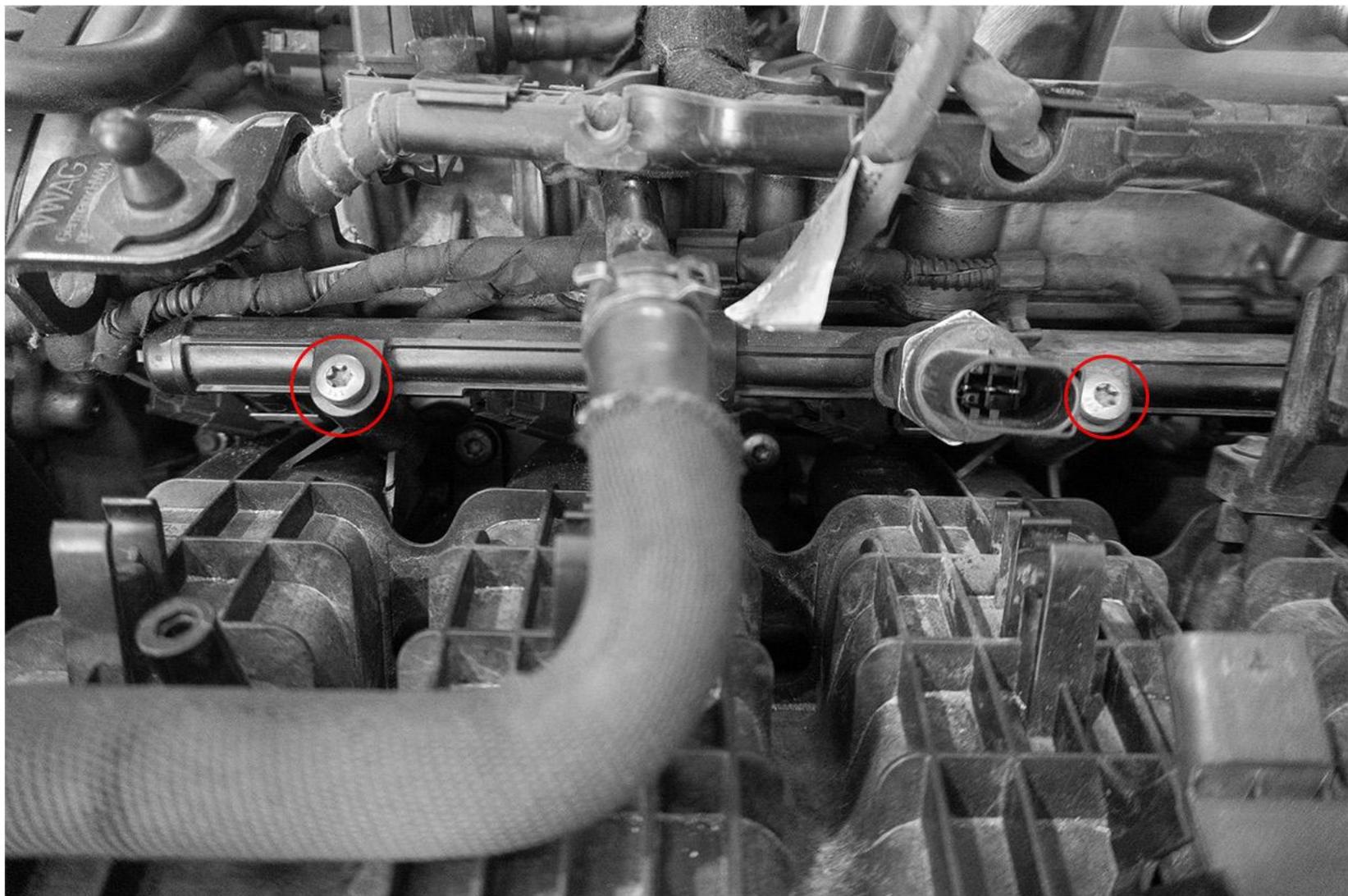


Remove the fuel hose attached to aux fuel rail

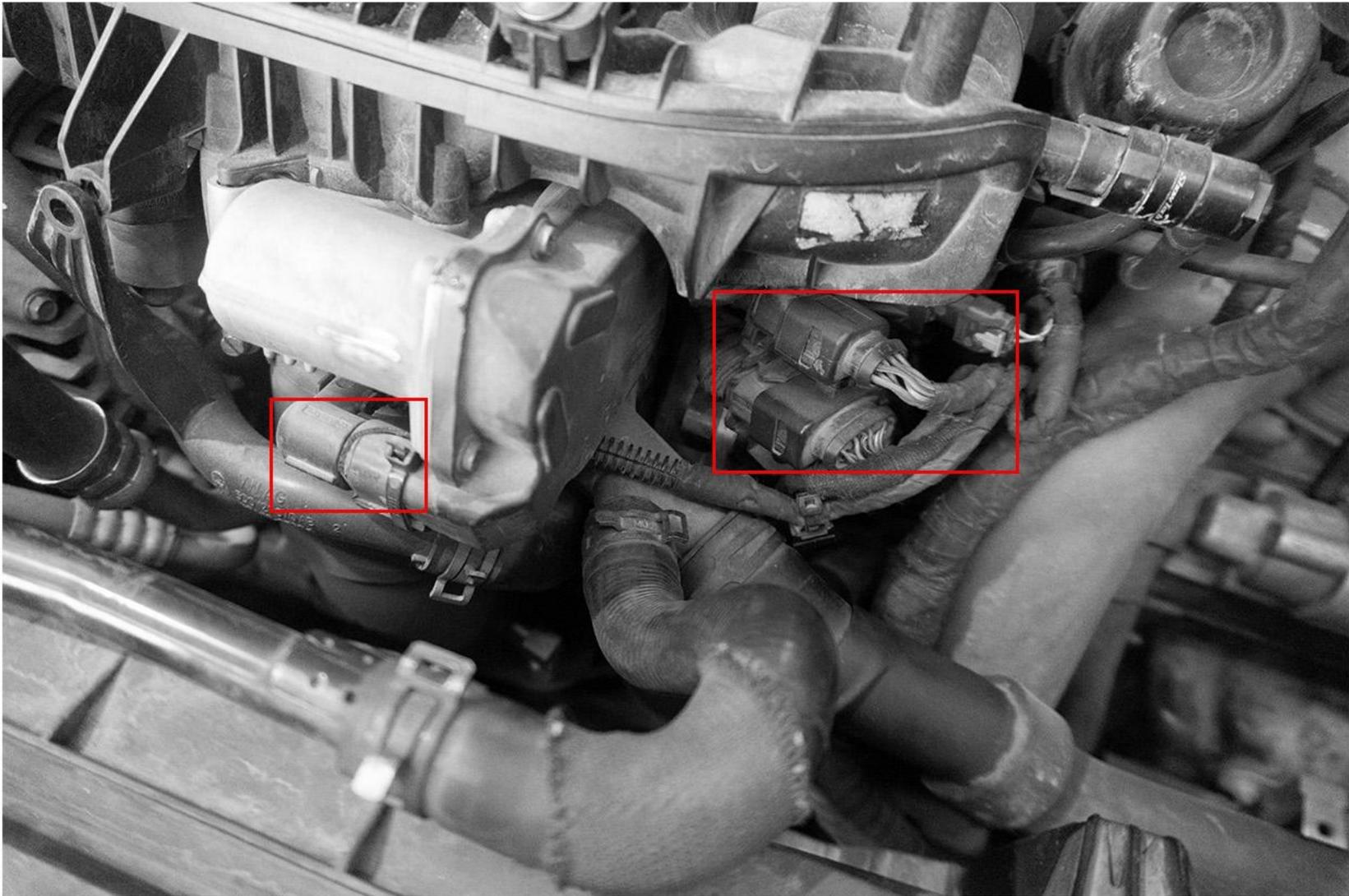


Remove the bolts on fuel rail with T30 socket

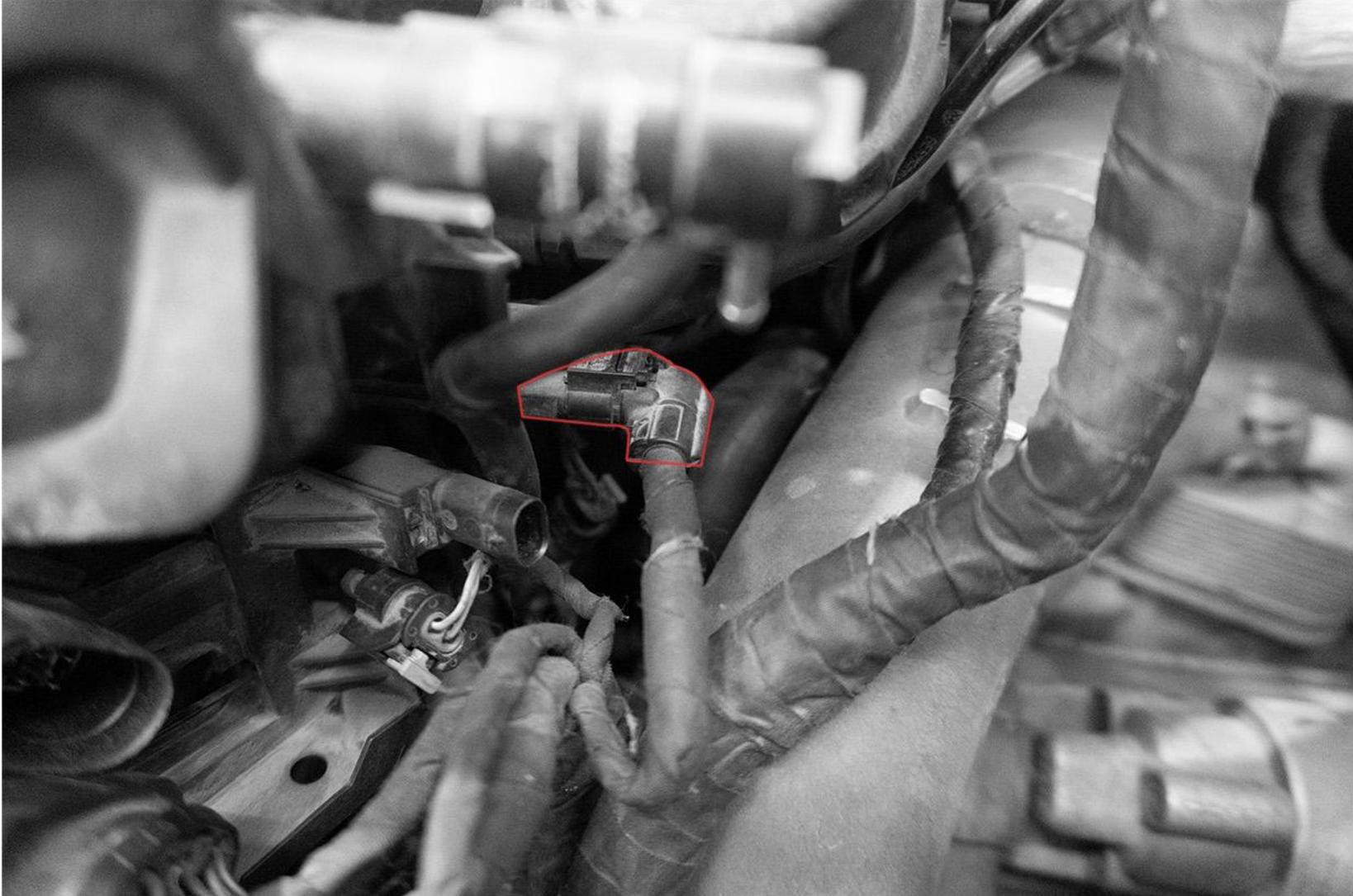
Remove fuel rail



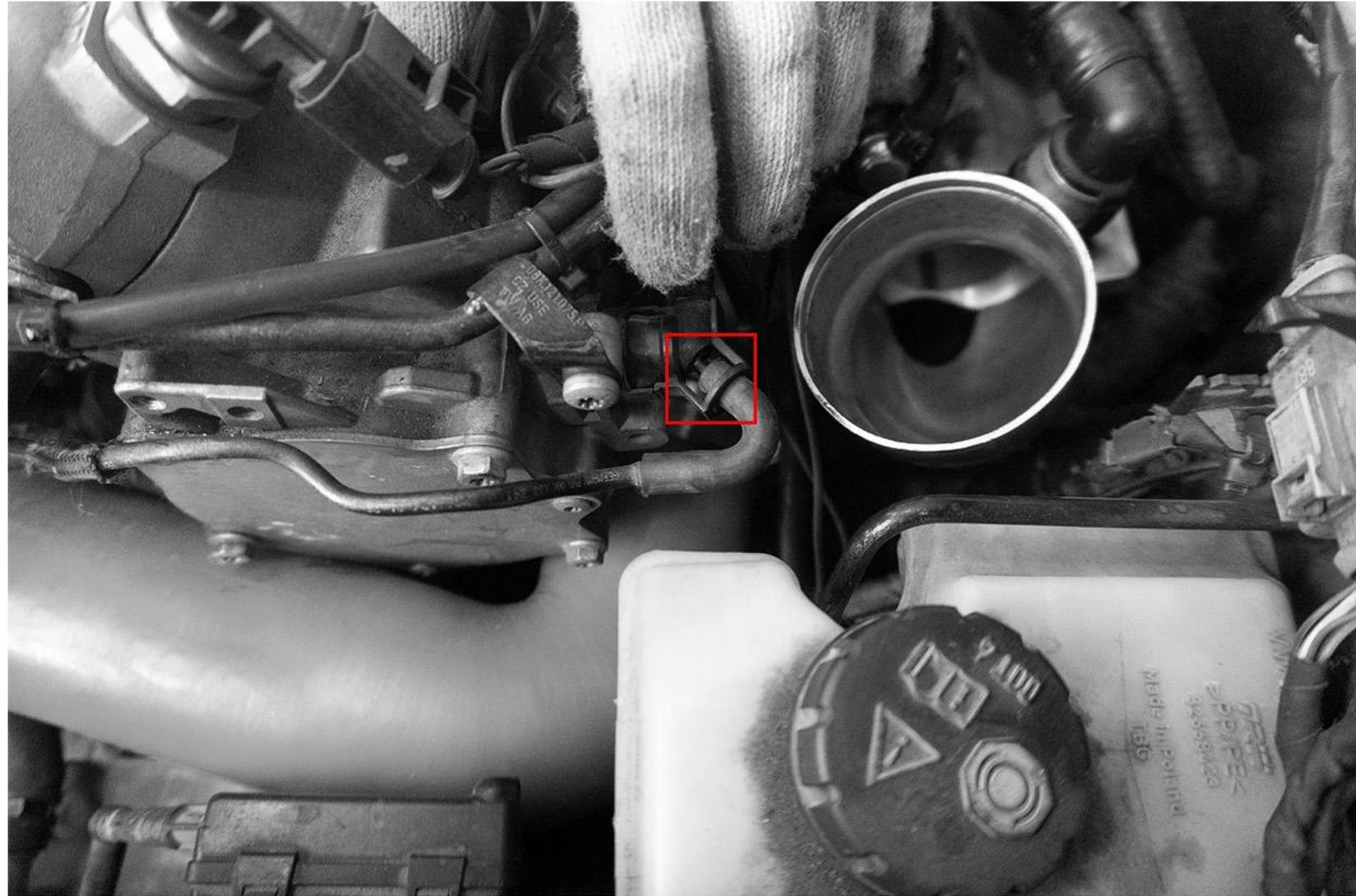
Disconnect the plugs of throttle, knock sensor, oil pressure sensor and fuel injectors



Disconnect the plugs of throttle, knock sensor, oil pressure sensor and fuel injectors

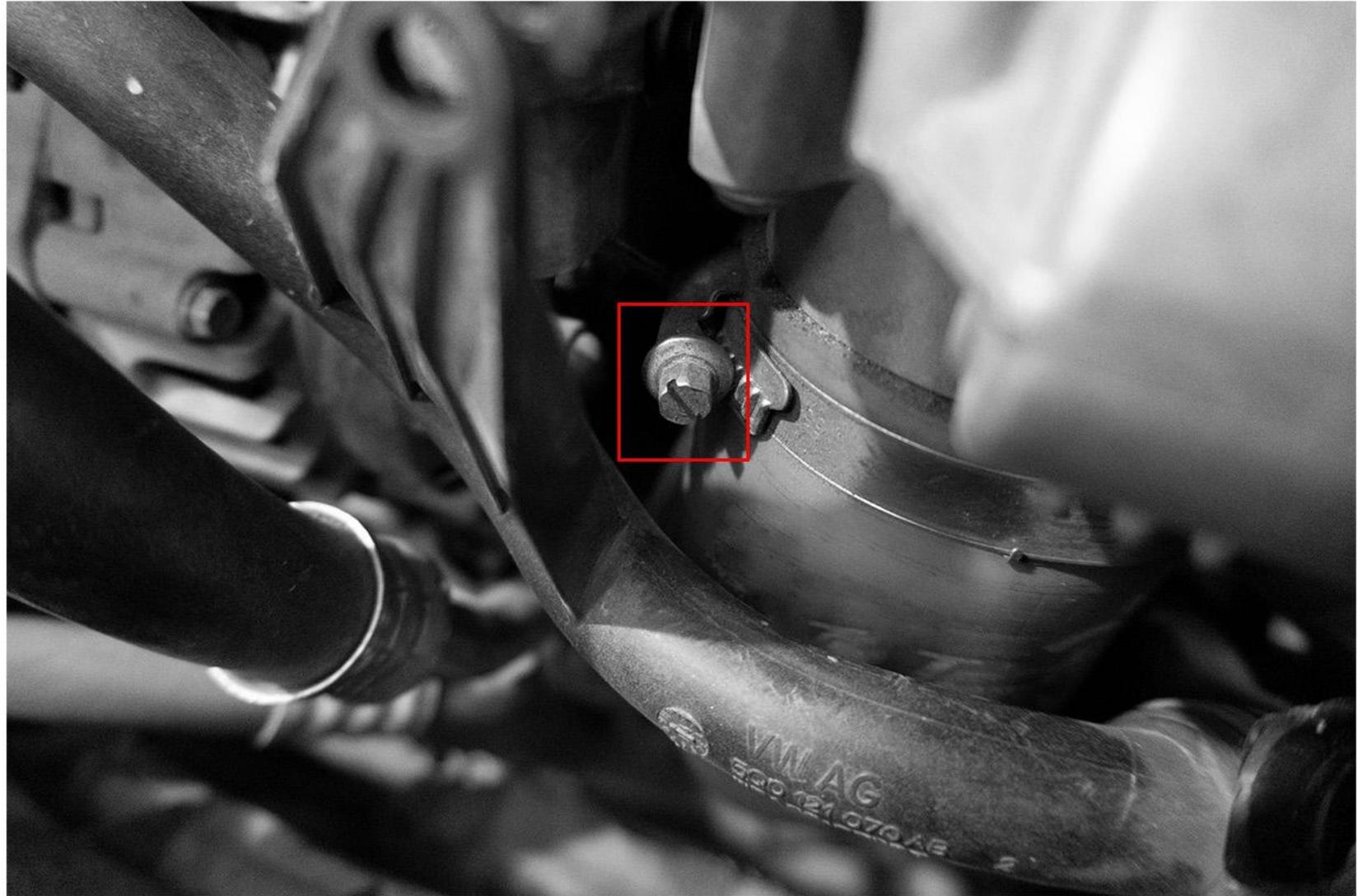


Disconnect the plug of solenoid valve

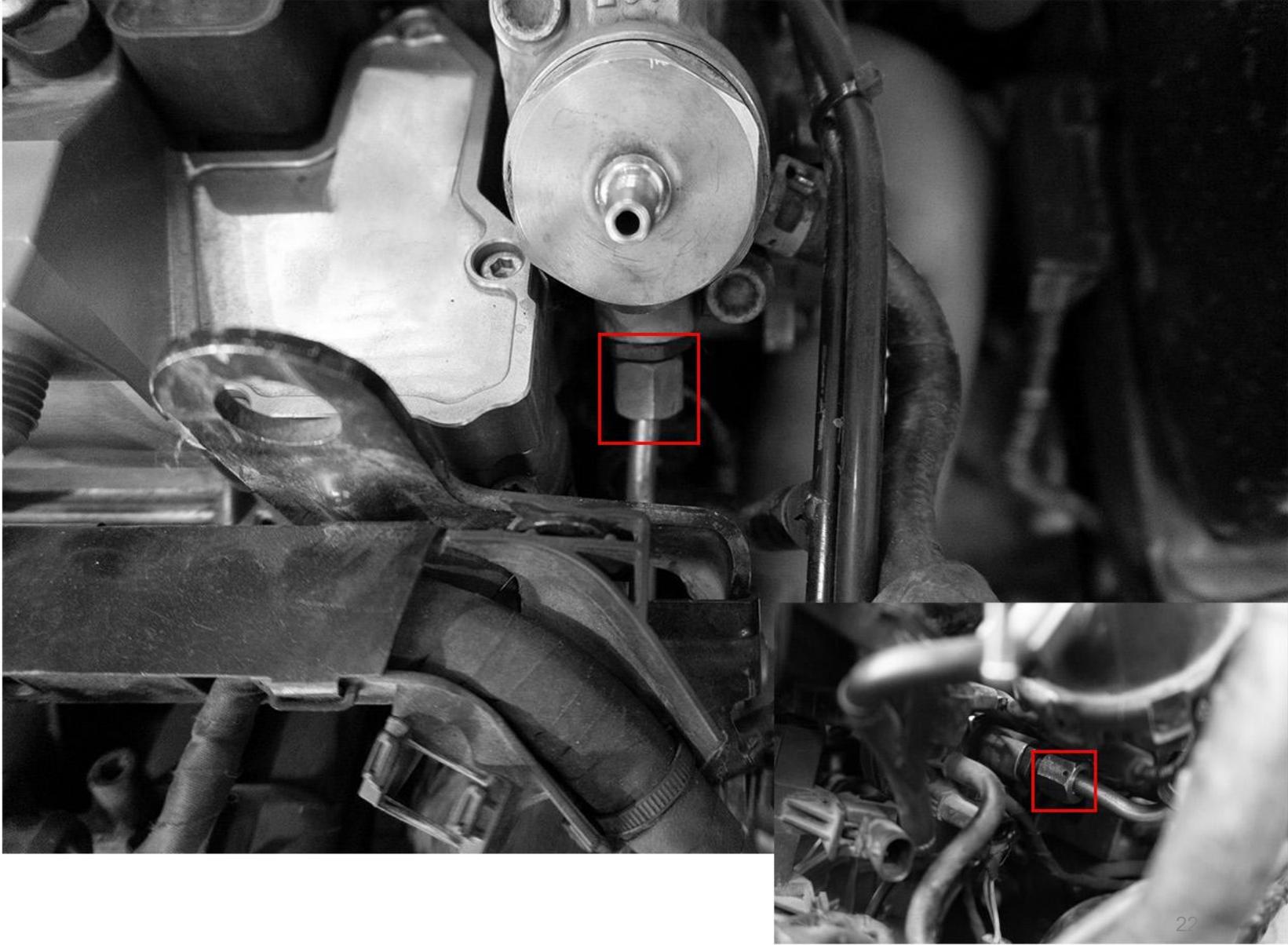


Remove the clamp securing charge pipe with 7mm socket

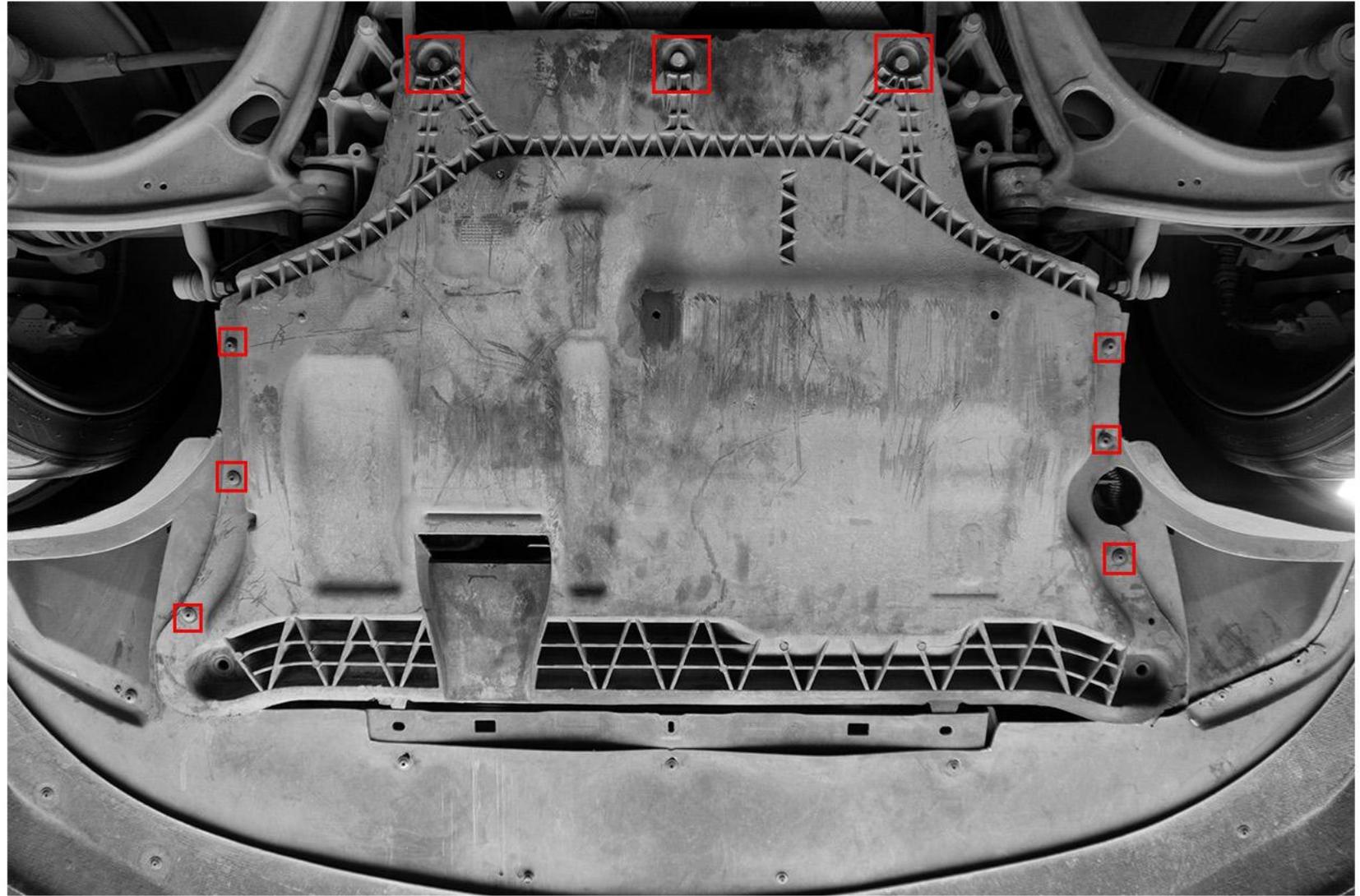
Located before throttle body



Remove the bolts on fuel rail with 17mm socket



Remove the bolts on with T25 and  
13mm socket



Remove the bolts on intercooler with  
7mm socket

Located before passenger seat



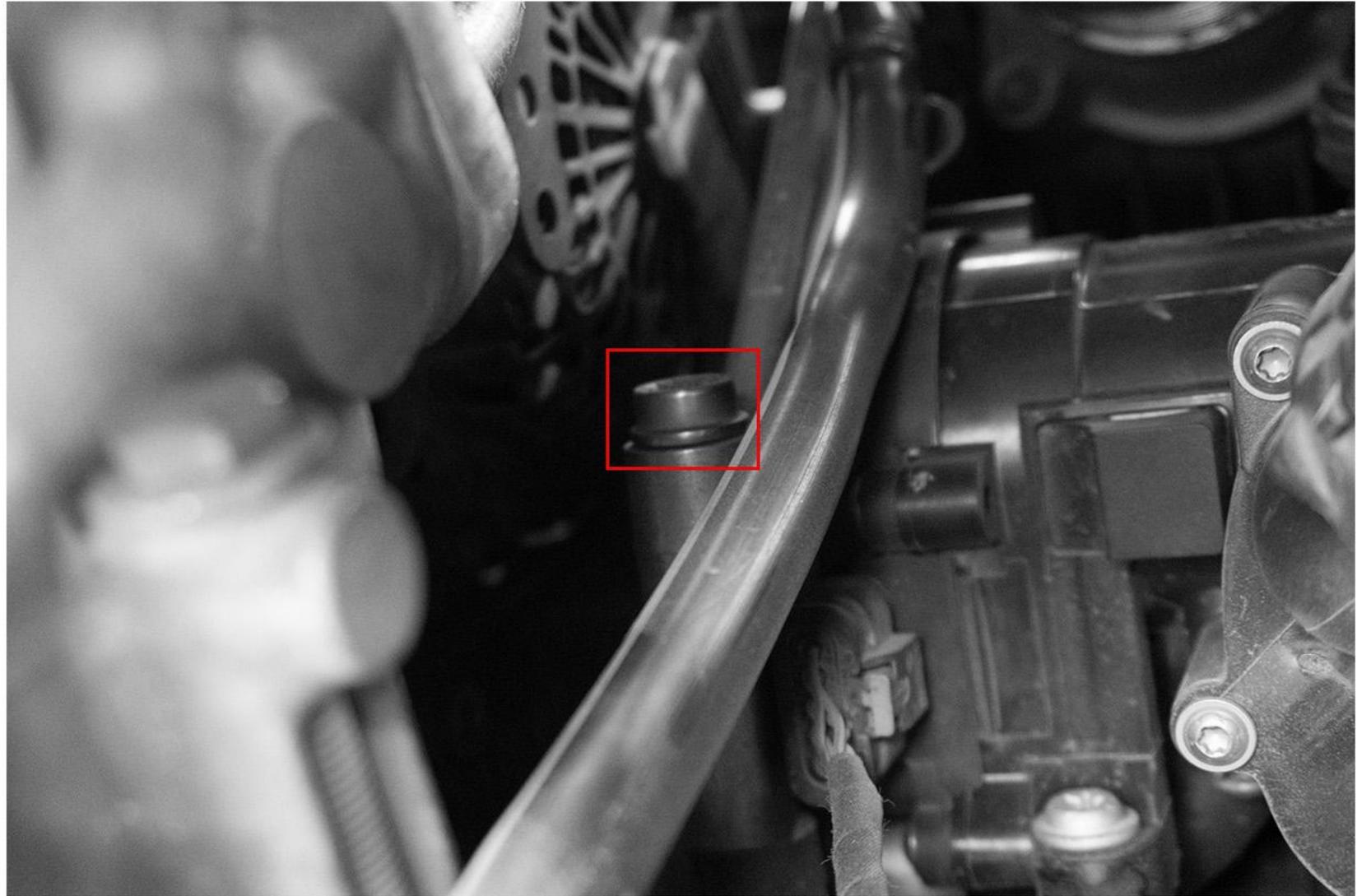
Disconnect the plug of boost pressure sensor

Remove the charge pipe



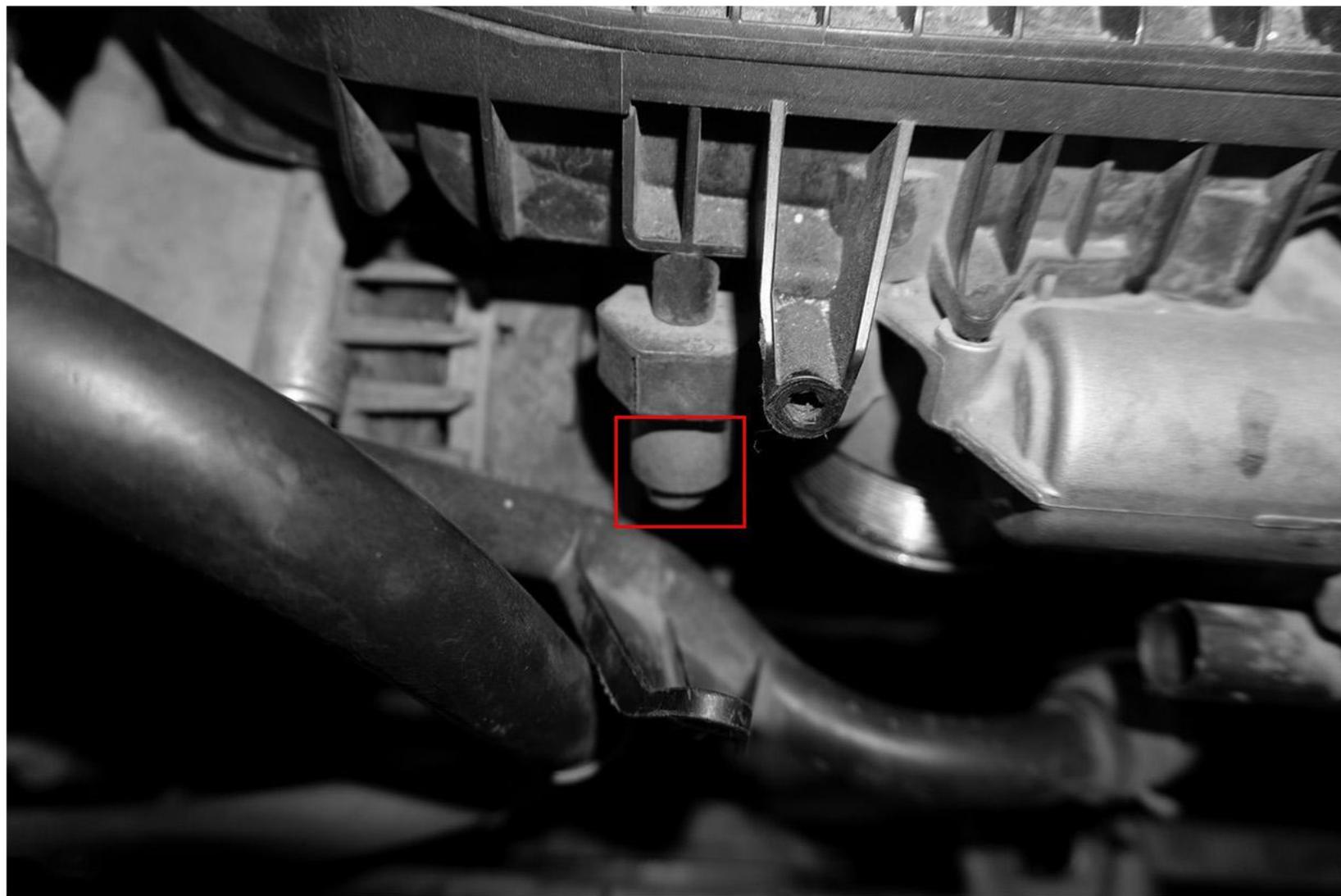
Disconnect the plug of boost pressure sensor

Remove the charge pipe

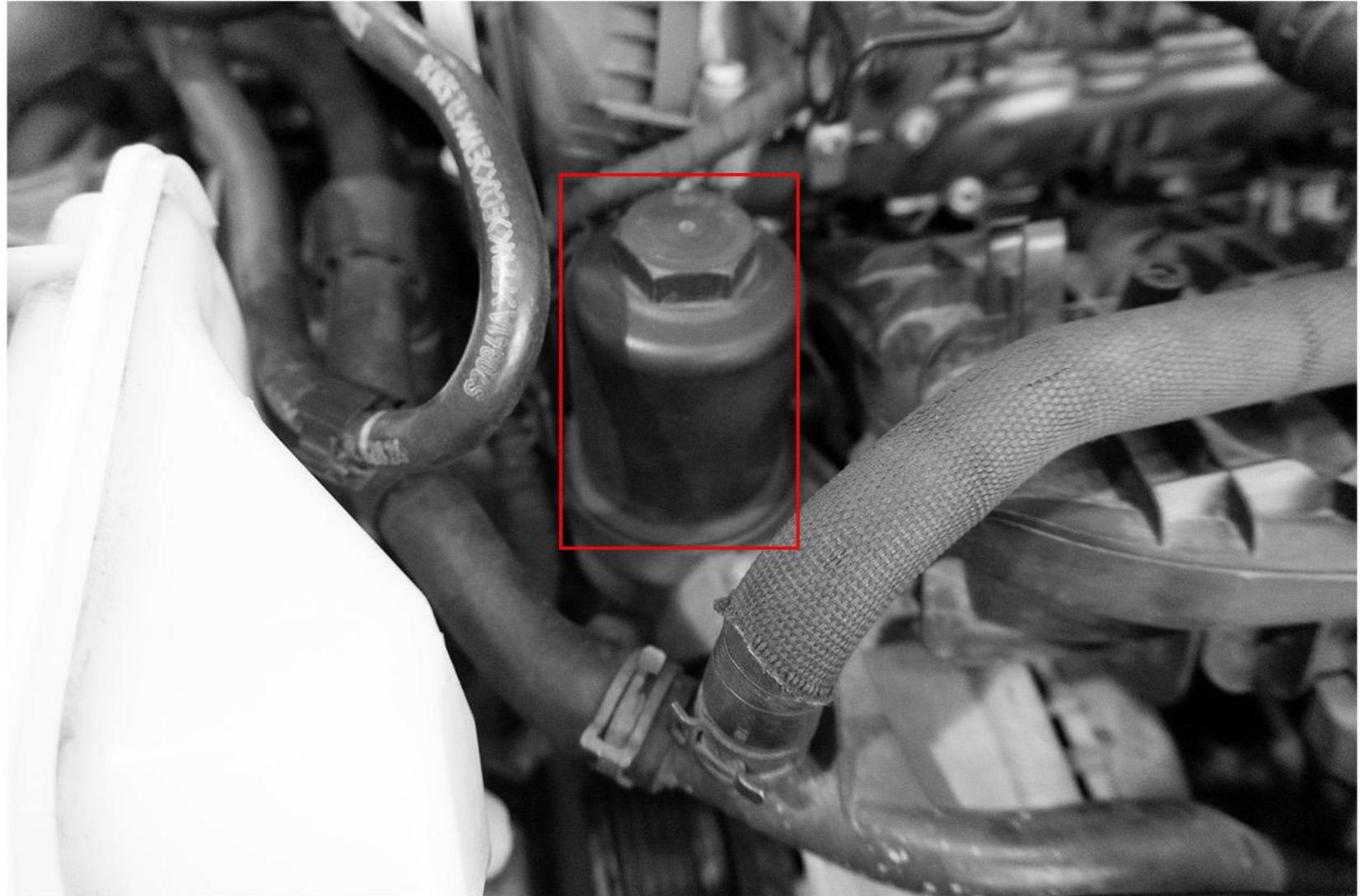


Remove the bolts on intake manifold  
clamp bracket with 13mm socket

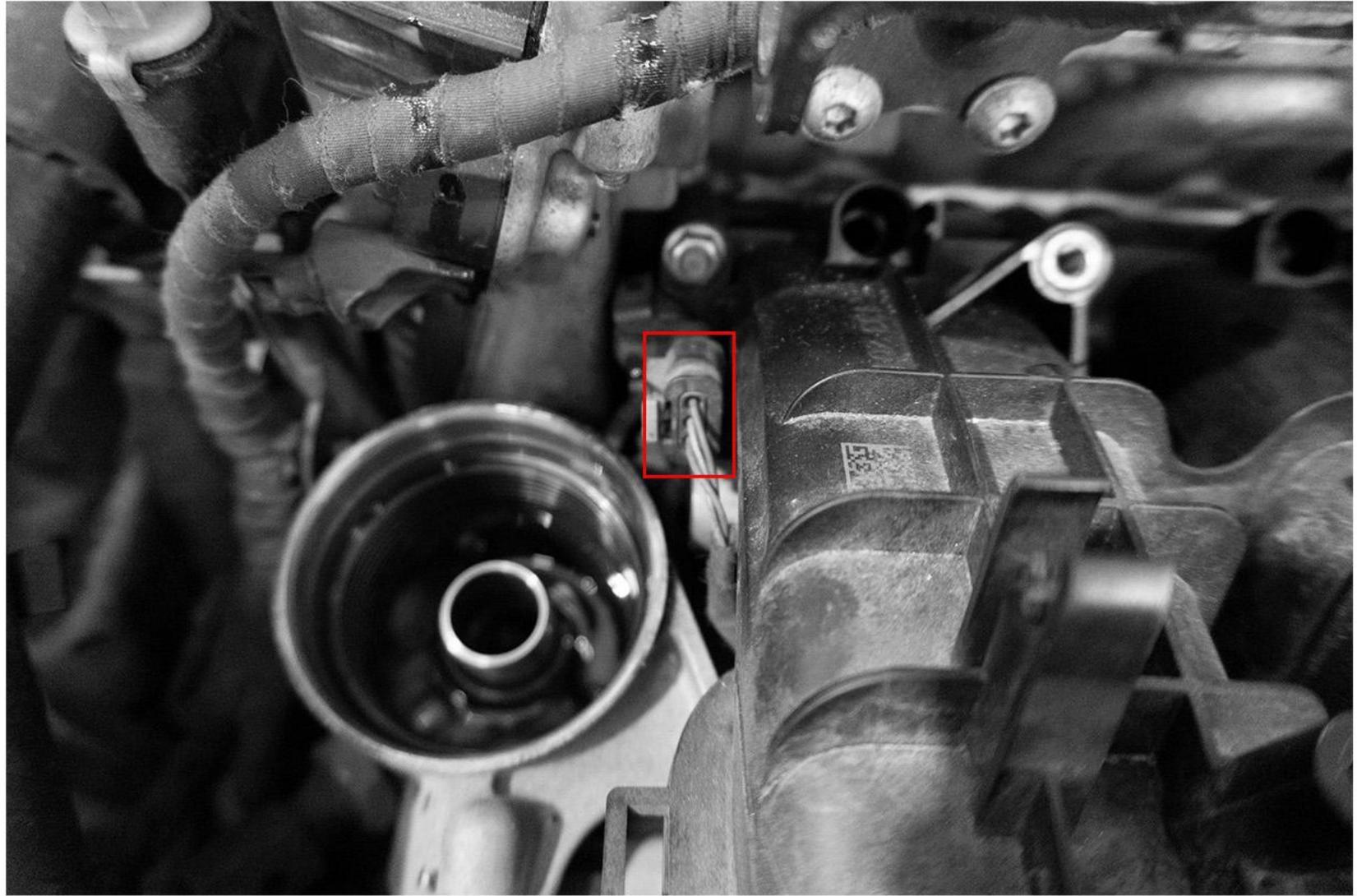
Remove the clamp bracket



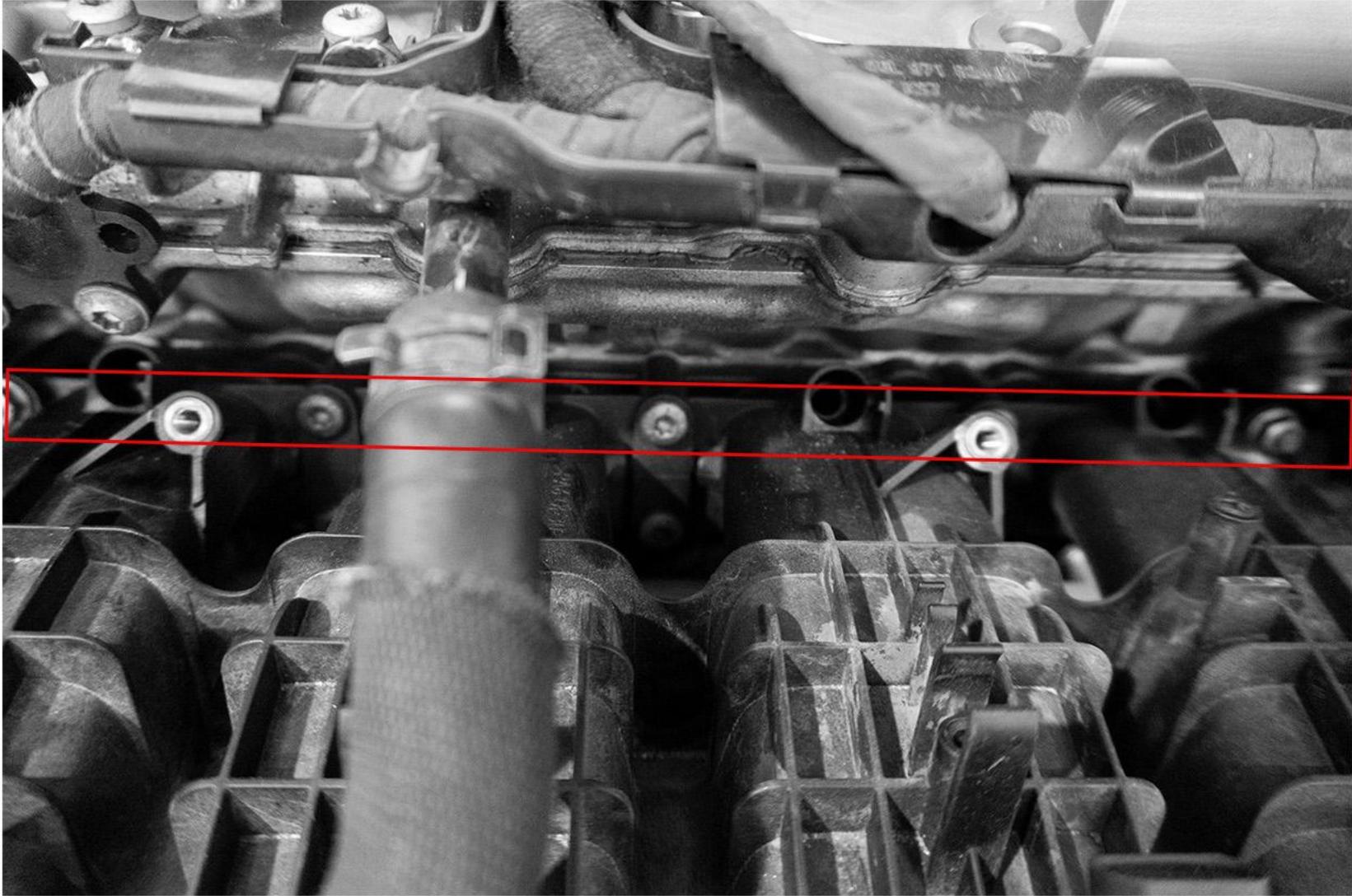
Remove oil filter with 32mm socket



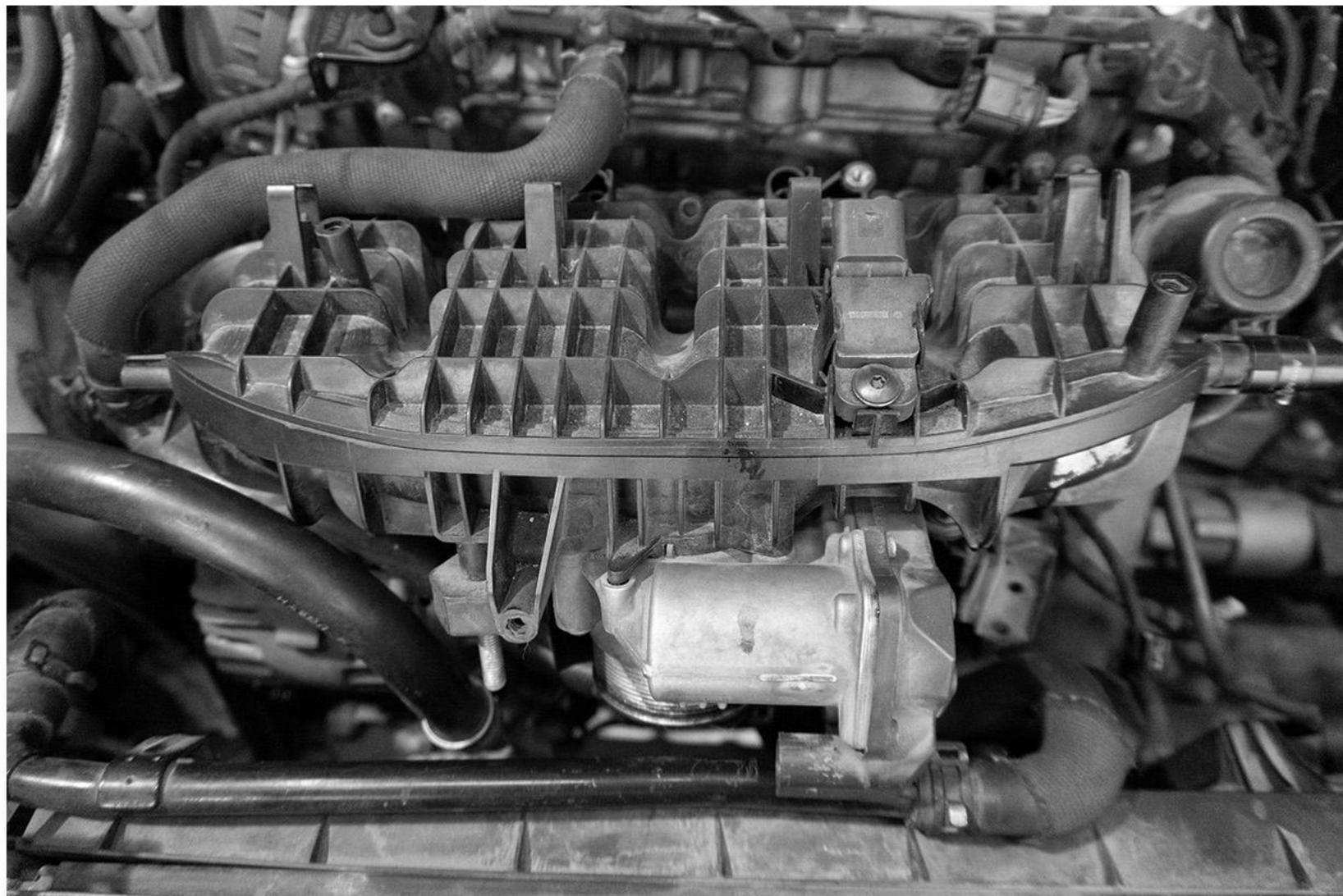
Disconnect the plug of flap position sensor



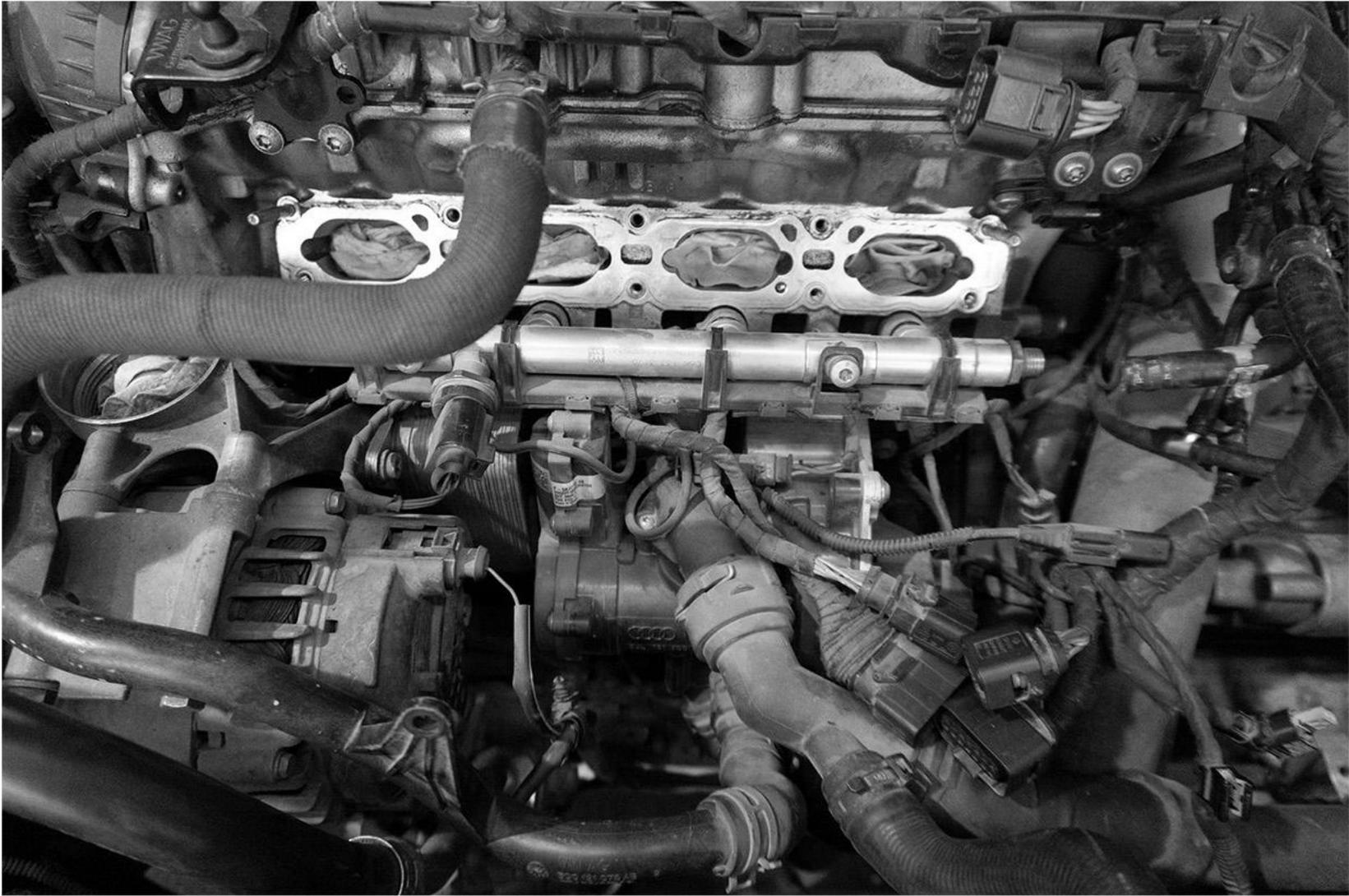
Remove bolts on intake manifold with T30 socket



Remove intake manifold



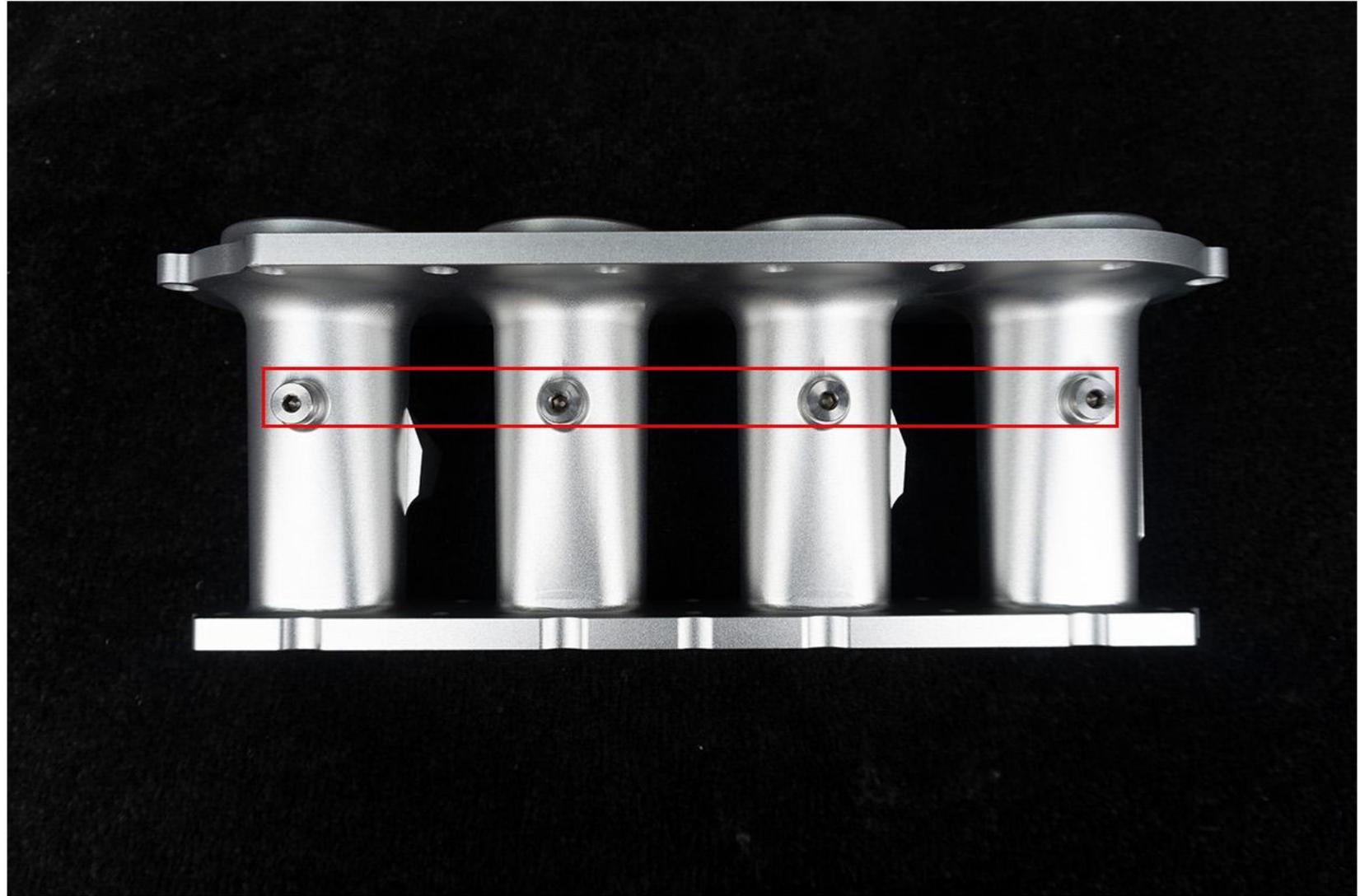
Remove the air deflector on cylinder head

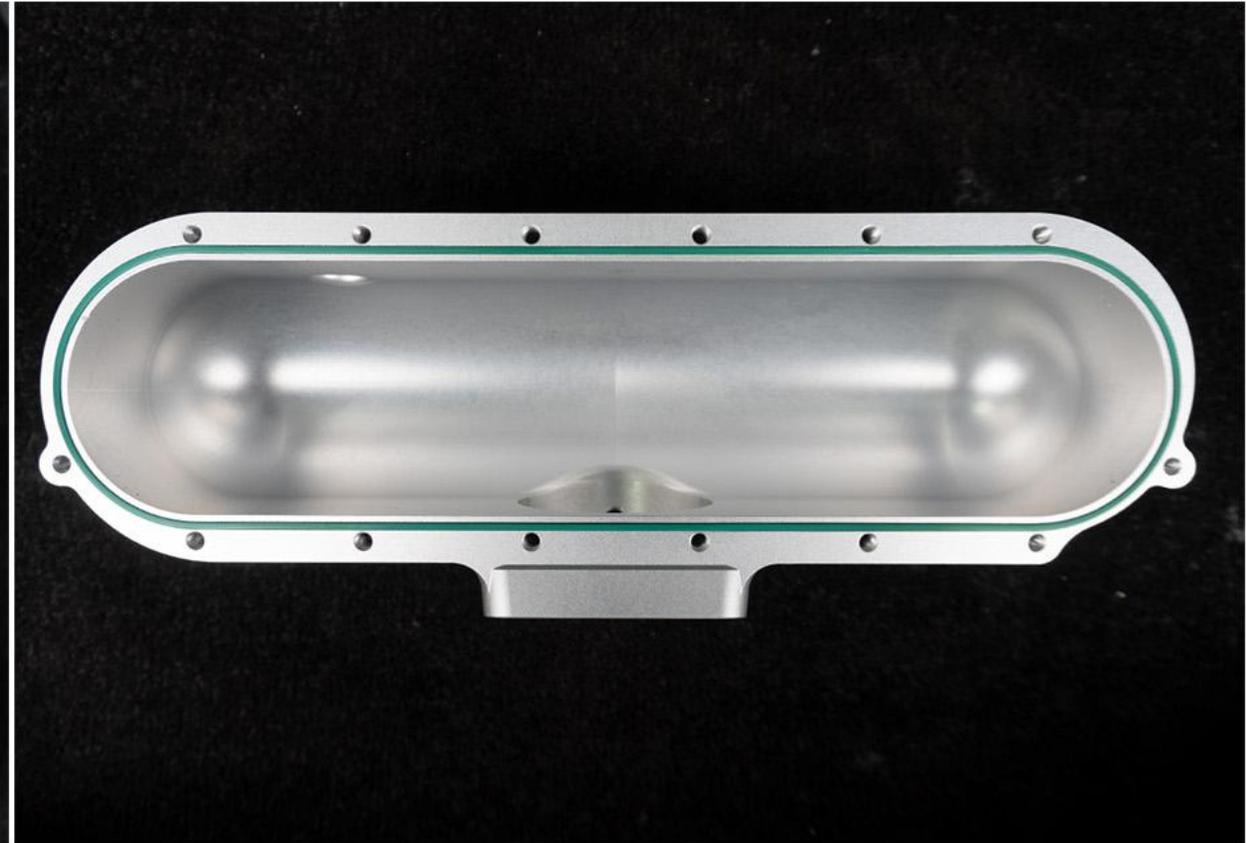


# Assemble Components Of JDY Intake Manifold

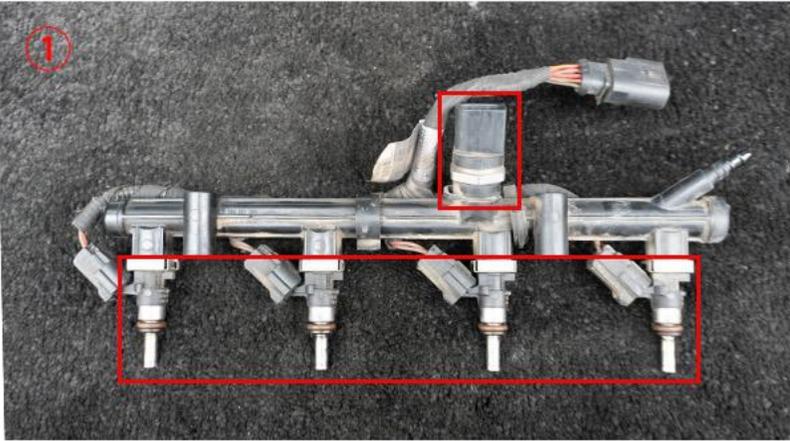
JDY intake manifold supports 4 ports  
WMI system, block the ports with JDY  
G1/8 bolts and 8mm aluminium gasket  
if it is not in use.

Note: washer should be put between  
bolt and port



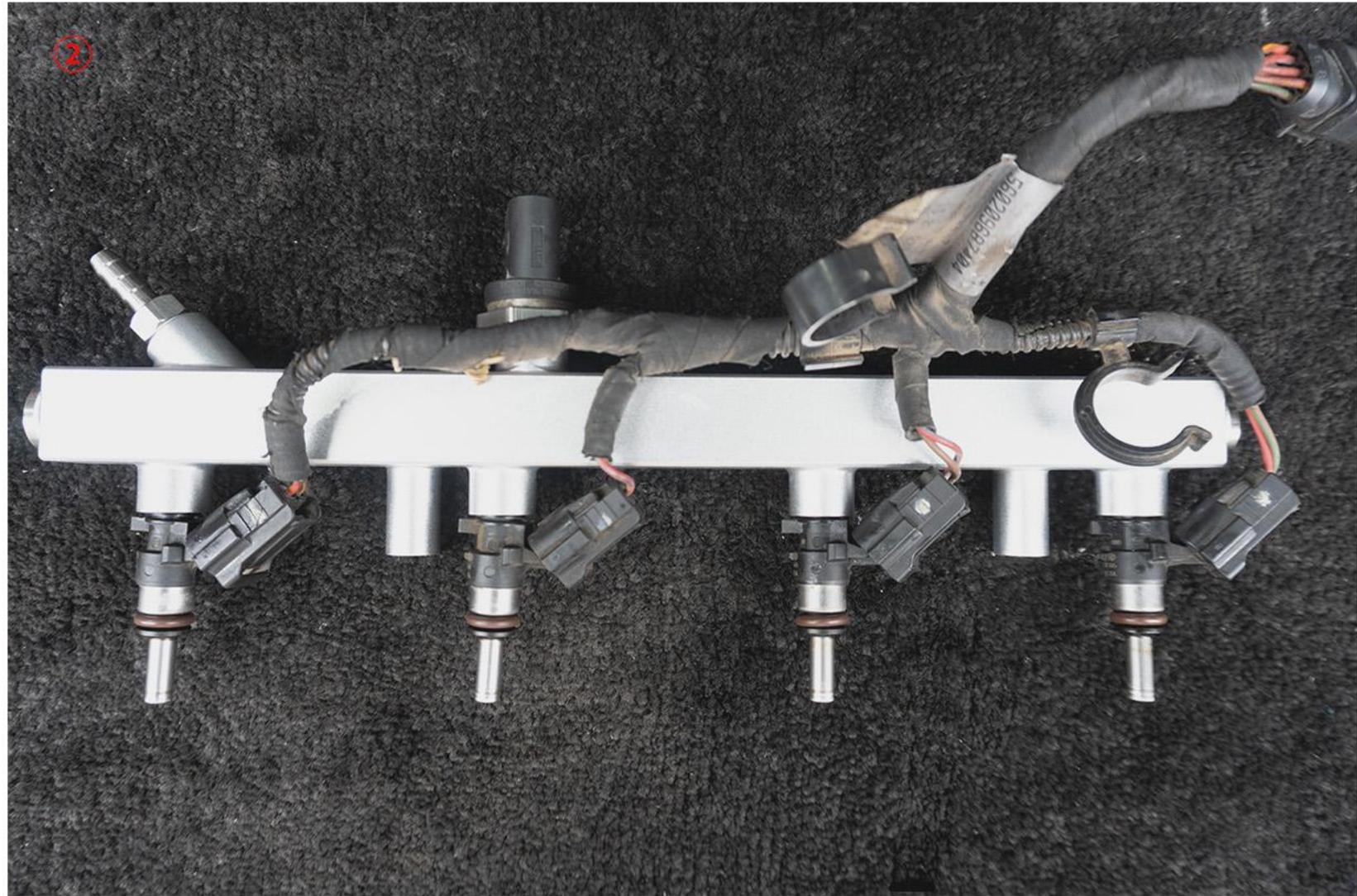


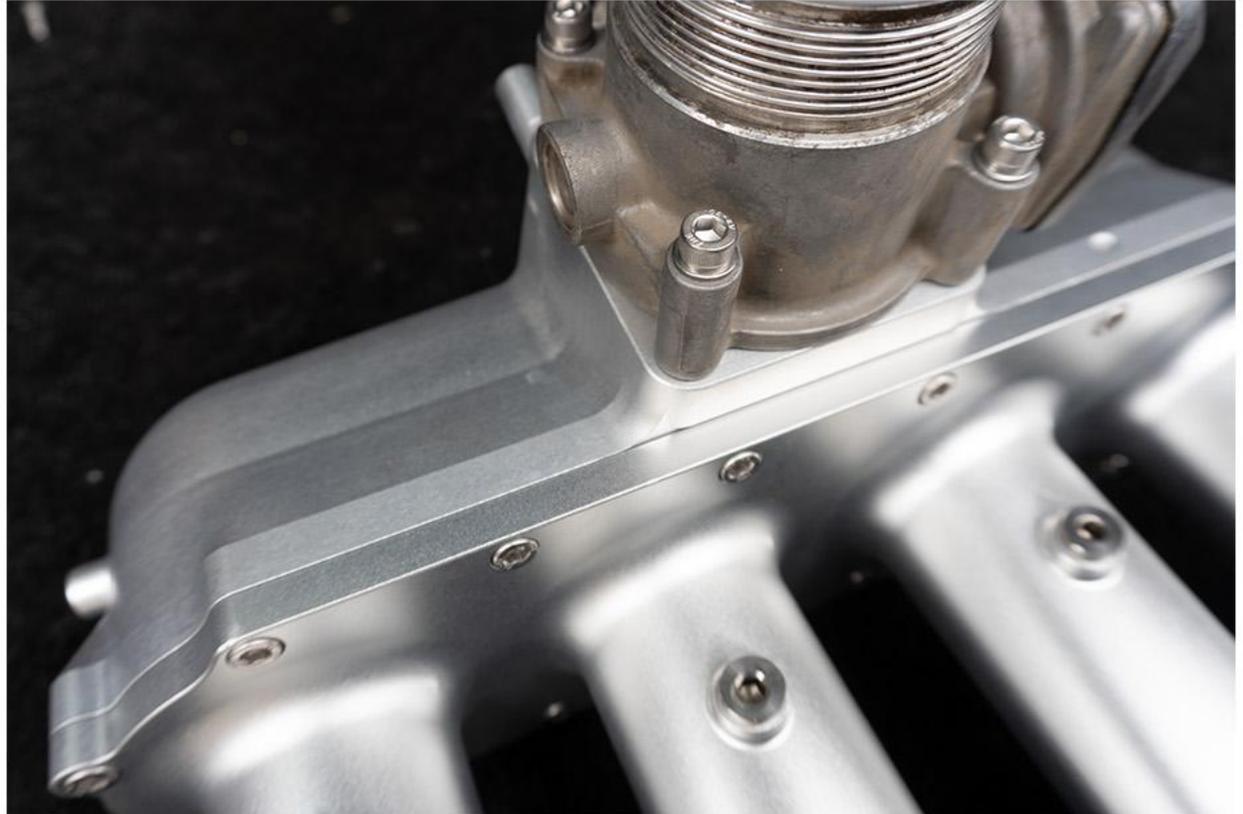
Put JDY O Ring on the upper half of JDY intake manifold



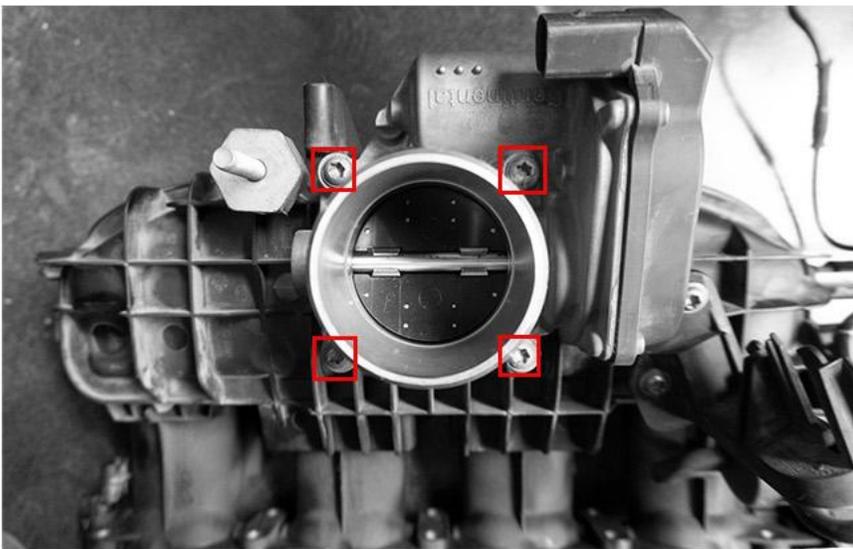
Remove OEM fuel injectors and install them all on JDY fuel rail (Some vehicles might not come with spraying system, block the ports with M8 \* 1.25 and 6mm aluminum gasket if needed)

Note: Gasket should be put between bolt and port



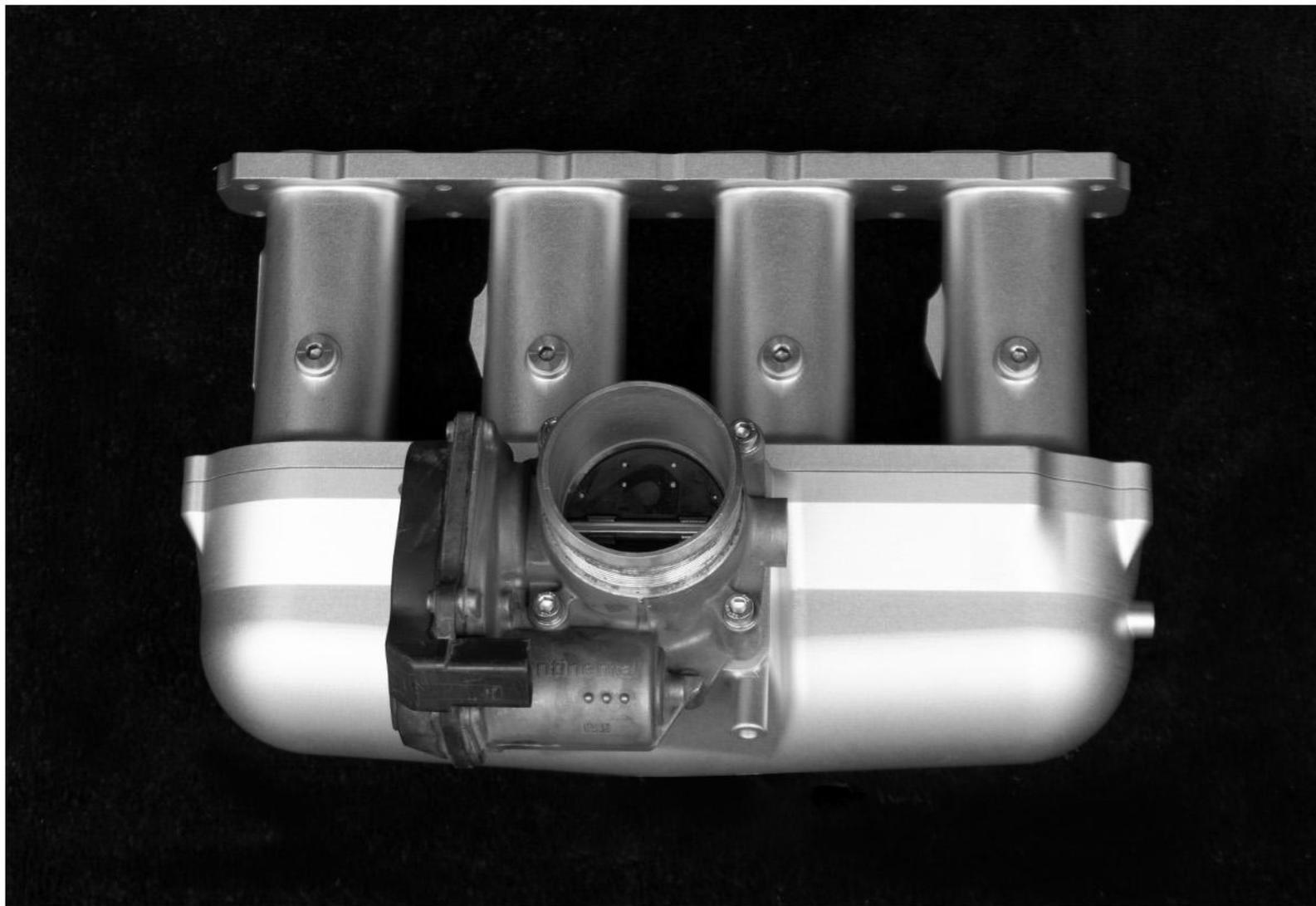


combine runners and plenum together with bolts provided  
(M6 \* 18)



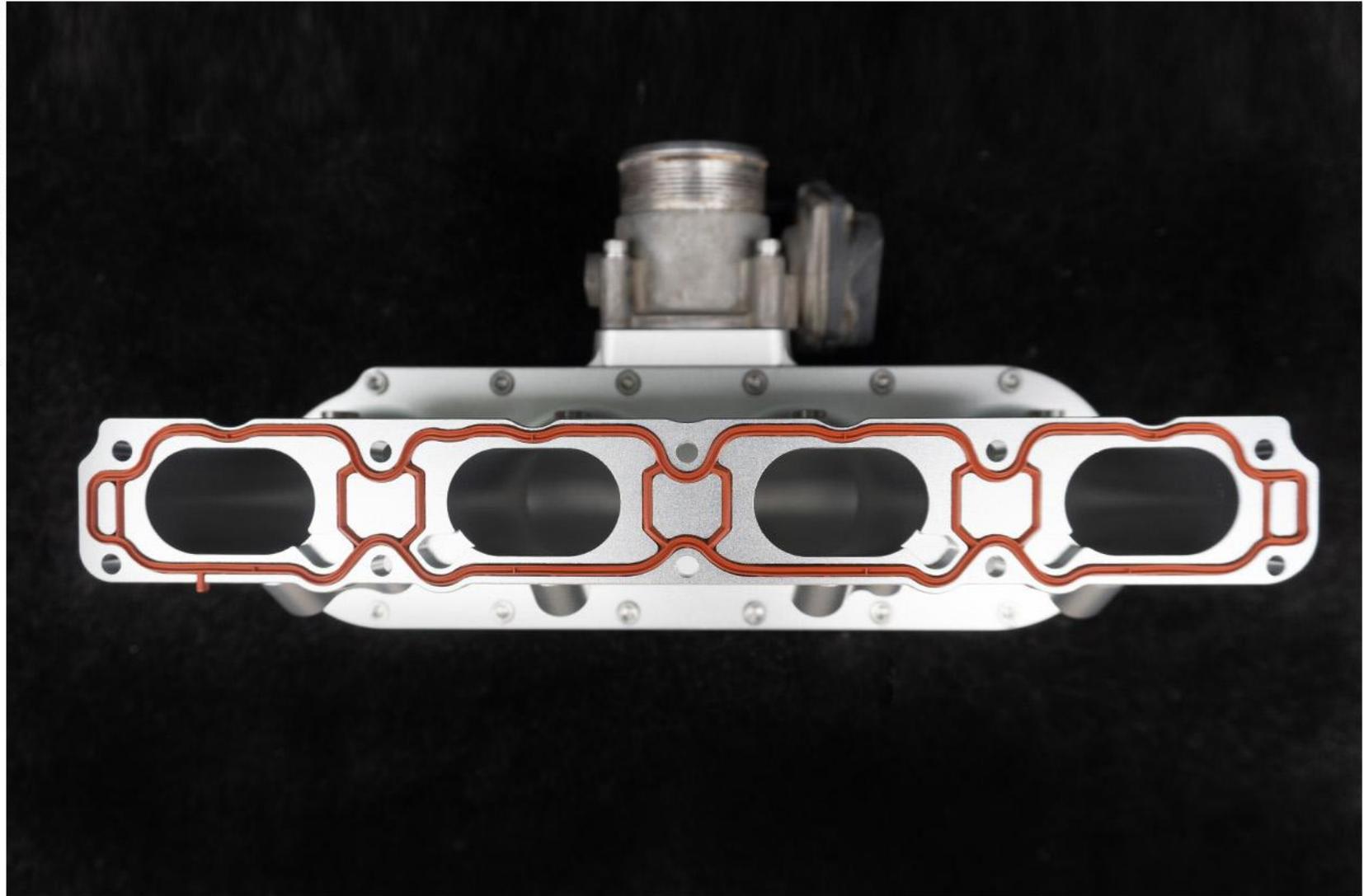
Remove the bolts on OEM throttle body with T30 socket

Install OEM throttle body on JDY intake manifold with JDY bolts(M6 \* 45) using H5 socket



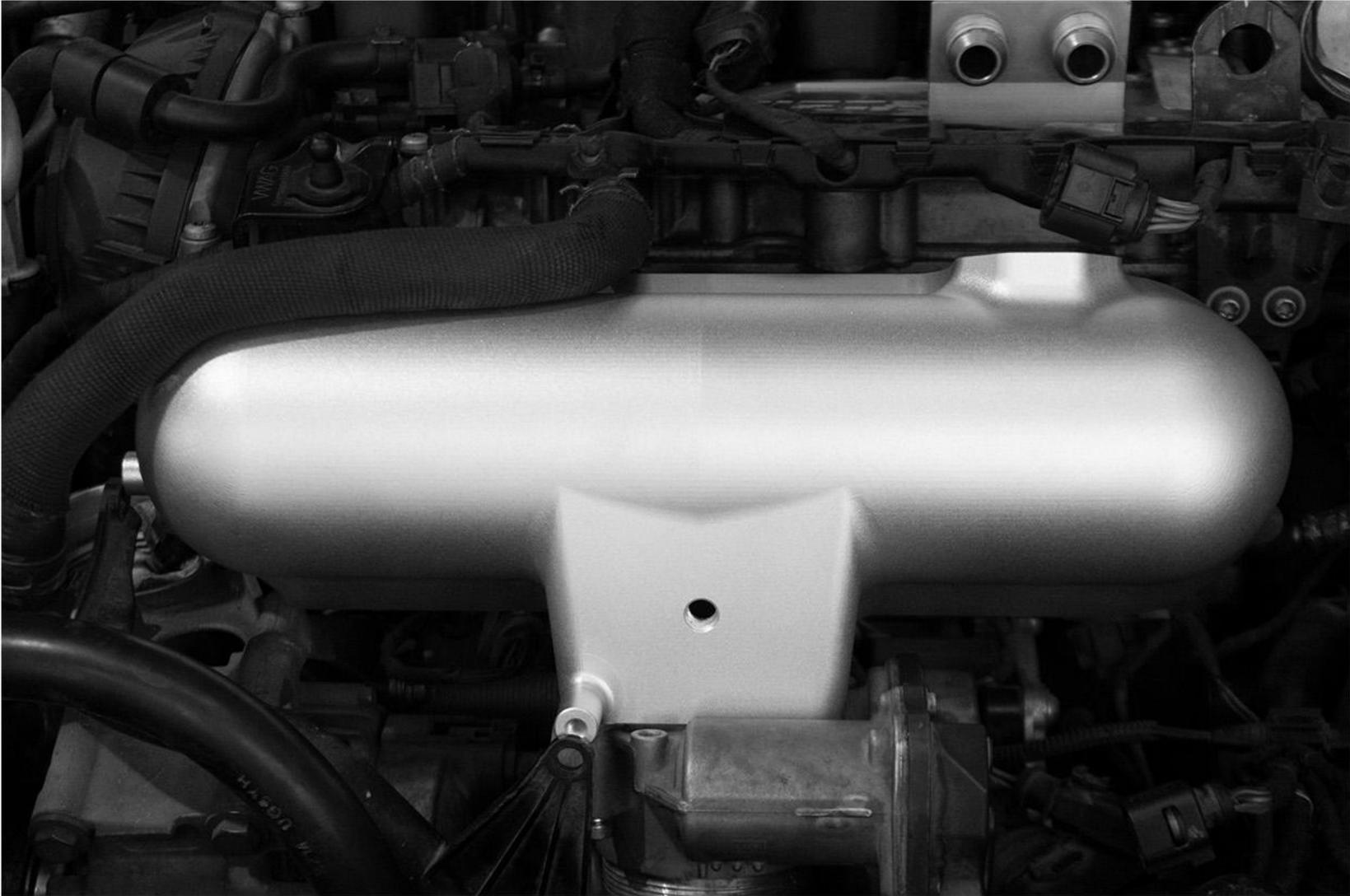


Cut the emphasized part of the gasket out and Install it on lower half of JDY intake manifold

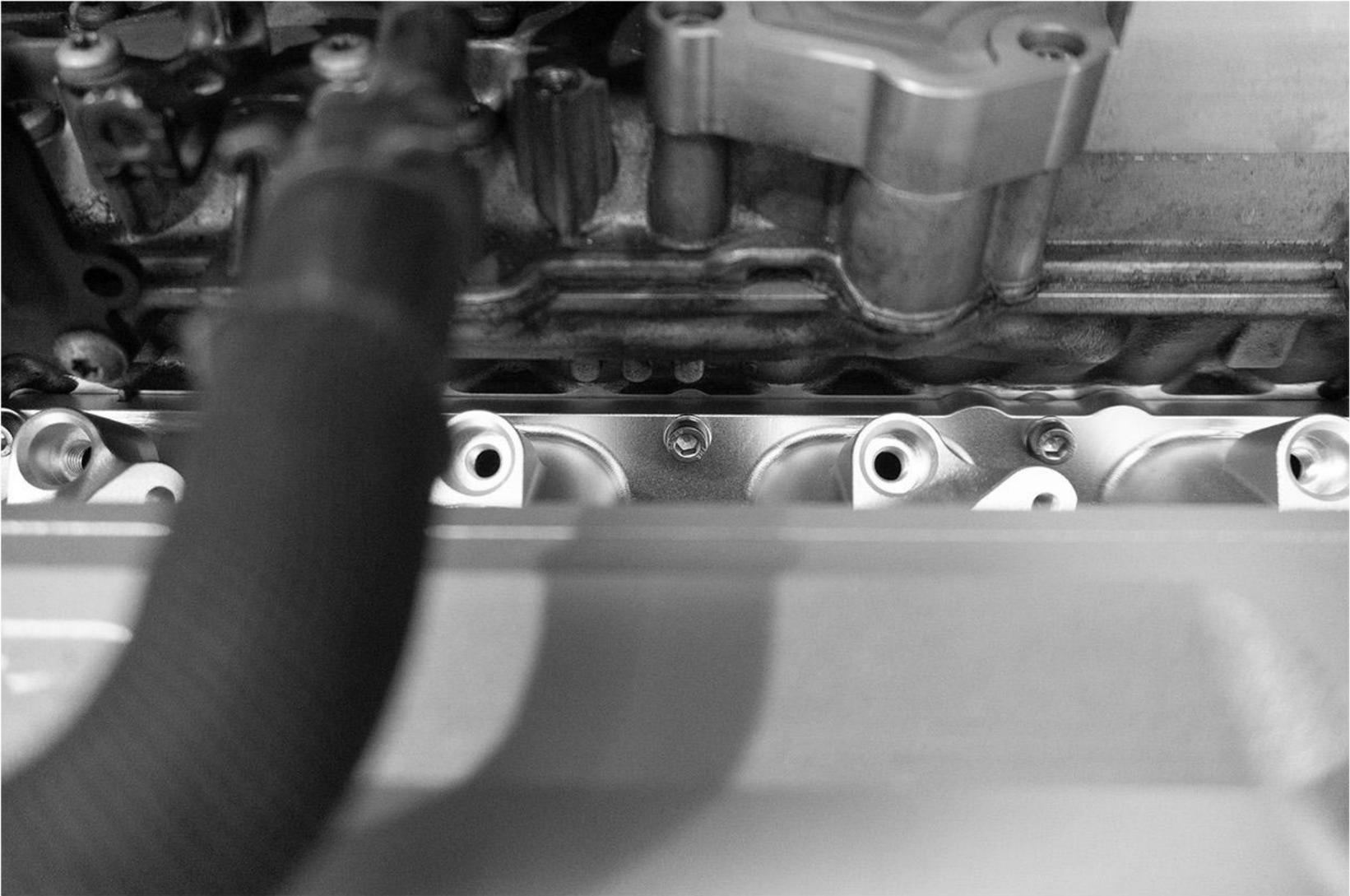


# Intall JDY Intake Manifold

Put JDY intake manifold back into engine bay



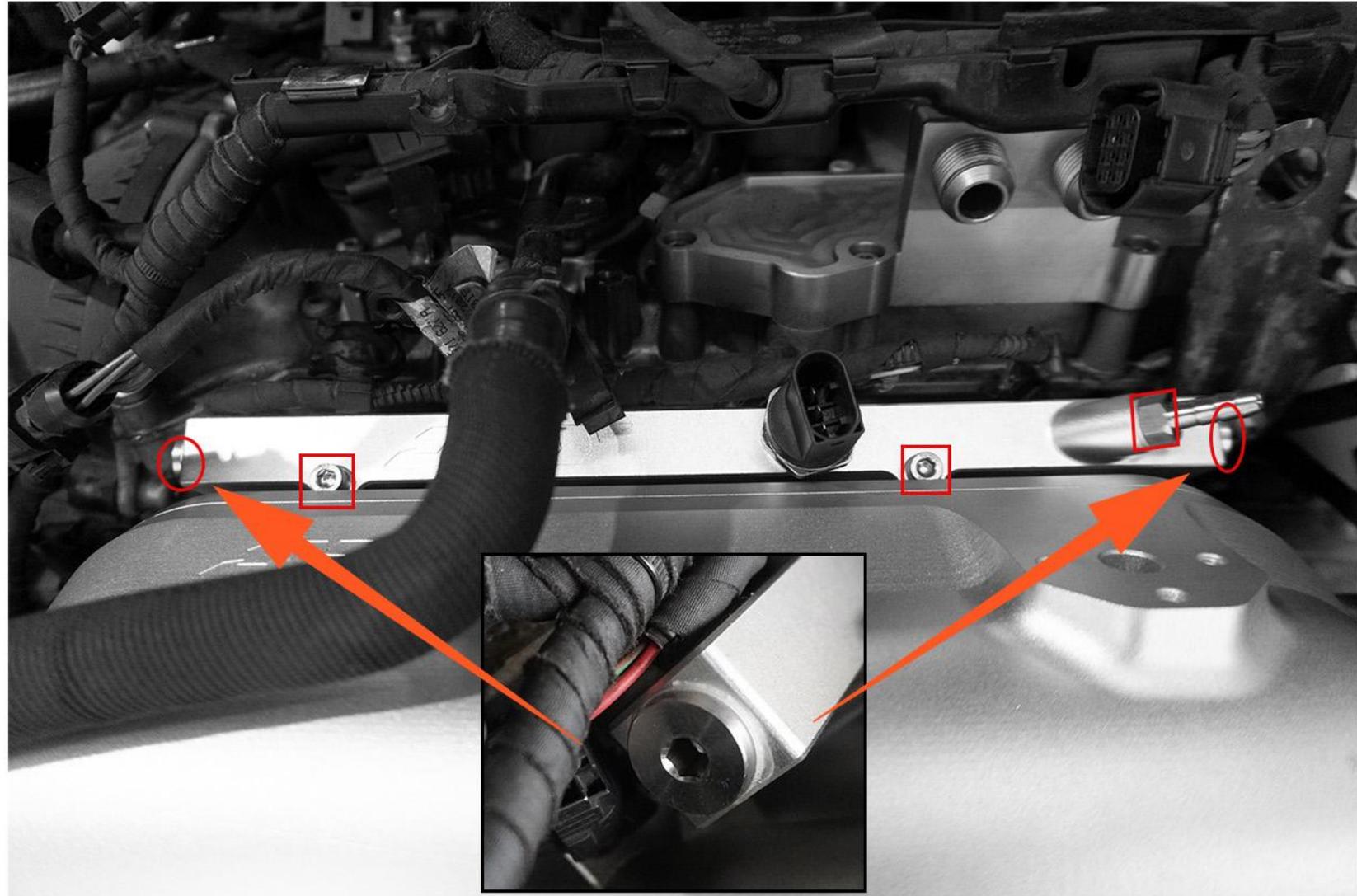
Install JDY intake manifold on cylinder head with JDY bolts provided (M6 \* 25)



Intall the assembled fuel injectors on JDY intake manifold with JDY bolts provided(M6 \* 60)  
Block the ports on both side of the fuel rail with M14 \* 1.5 bolts and 14mm aluminum gasket

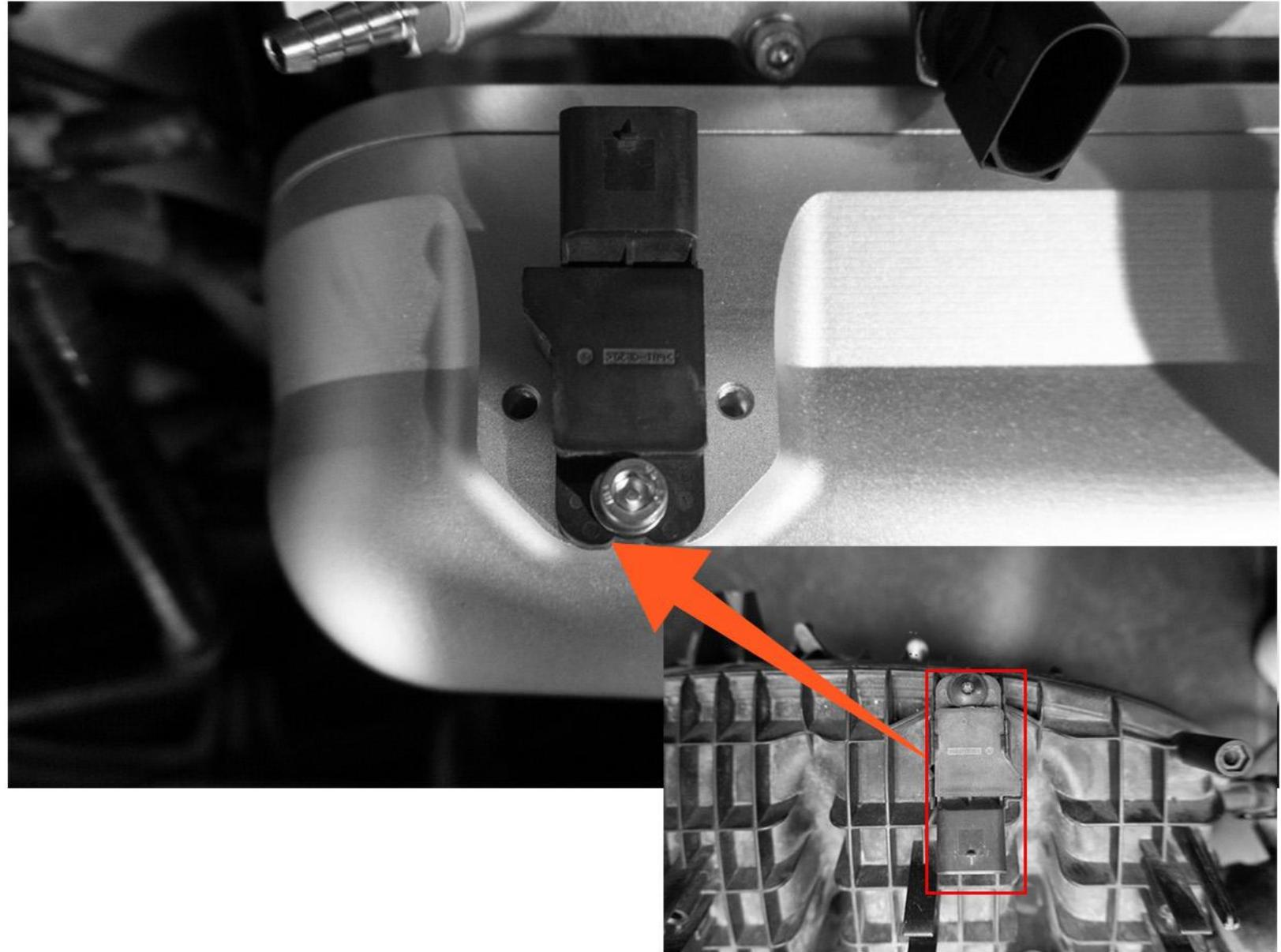
Note: Gasket should be put between bolt and port

Install JDY fuel rail on JDY intake manifold with Pagoda shped bolts (G1/8–8mm)

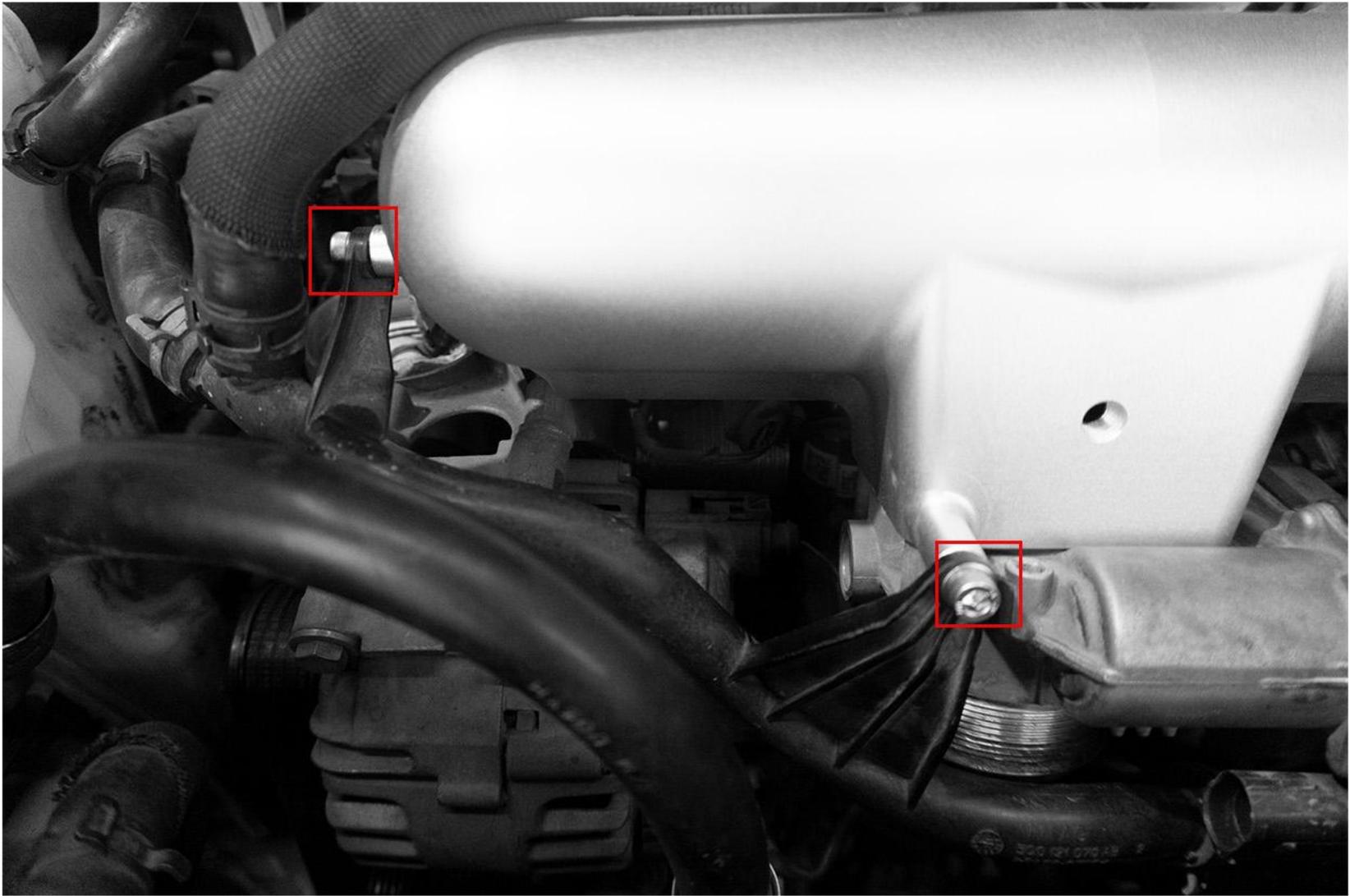


Remove the boost pressure sensor controlling OEM intake manifold with T25 socket

Install the sensor on JDY intake manifold with JDY bolts provided (M6 \* 16)



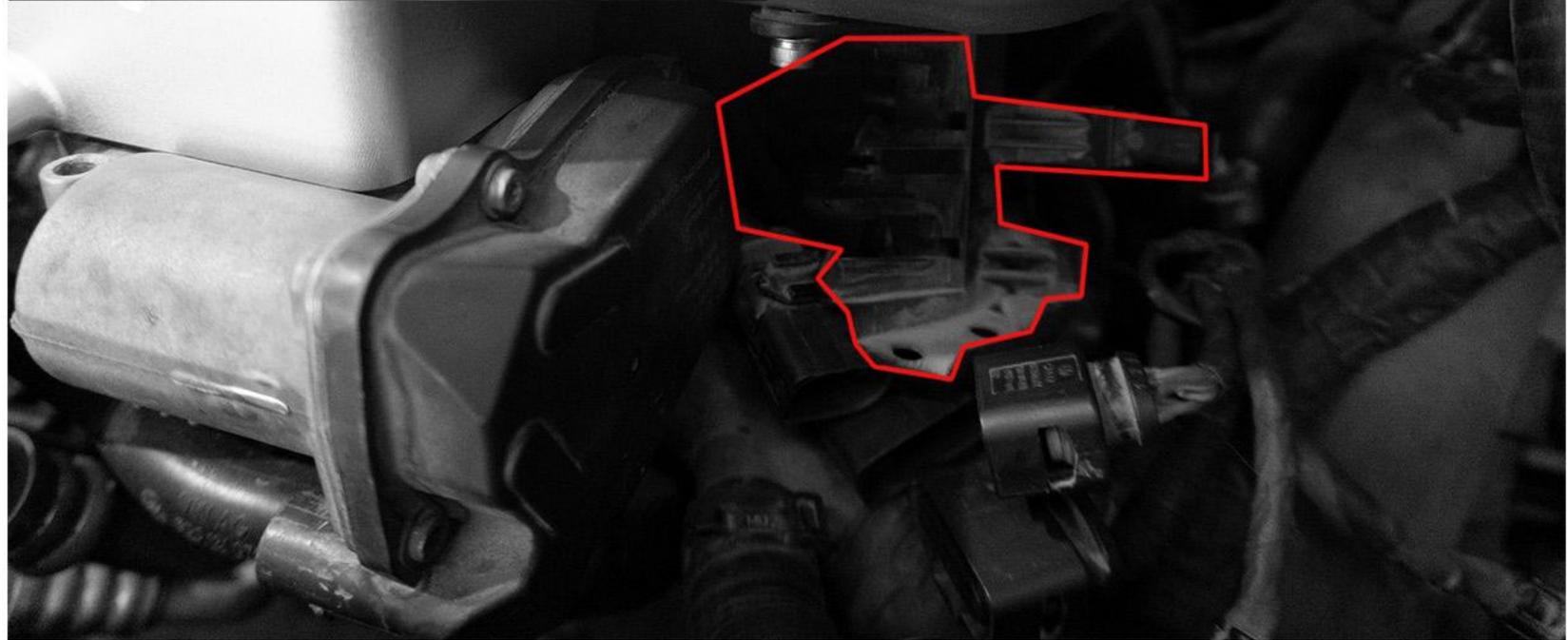
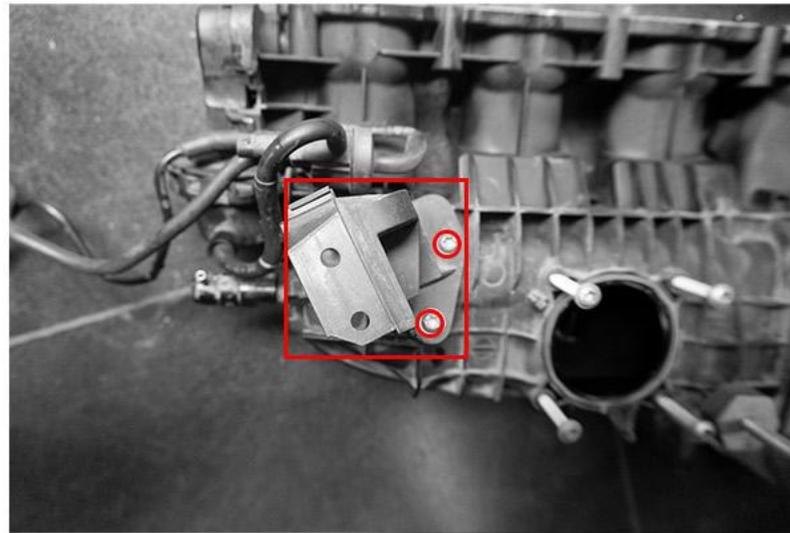
Intall the JDY bolts on water pipe with  
H5 socket (M6 \* 16 and M6 \* 8)



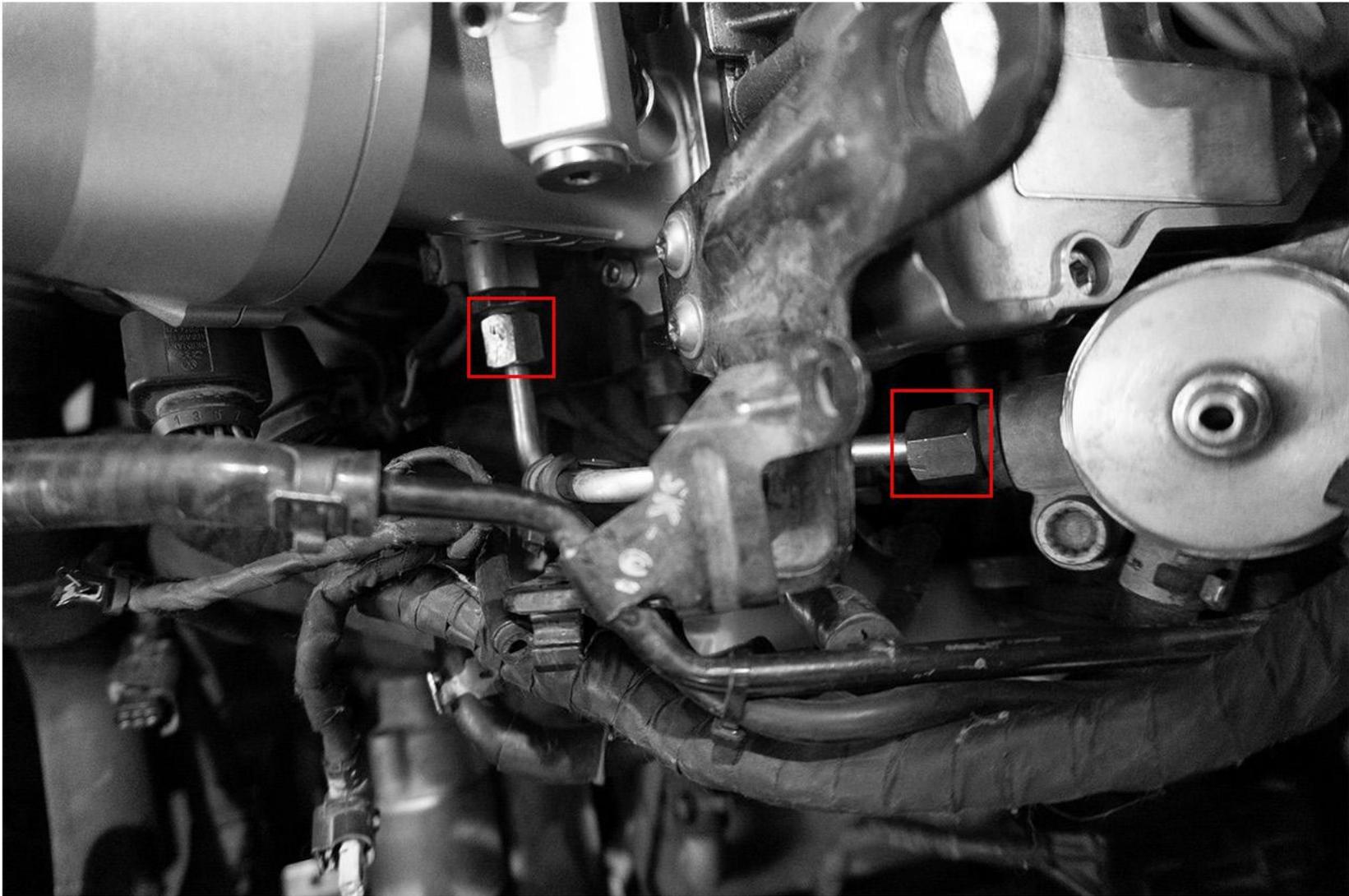
Remove OEM plug holder with T30 socket

Fix the plug holder on JDY intake manifold with JDY bolts provided (M6 \* 16)

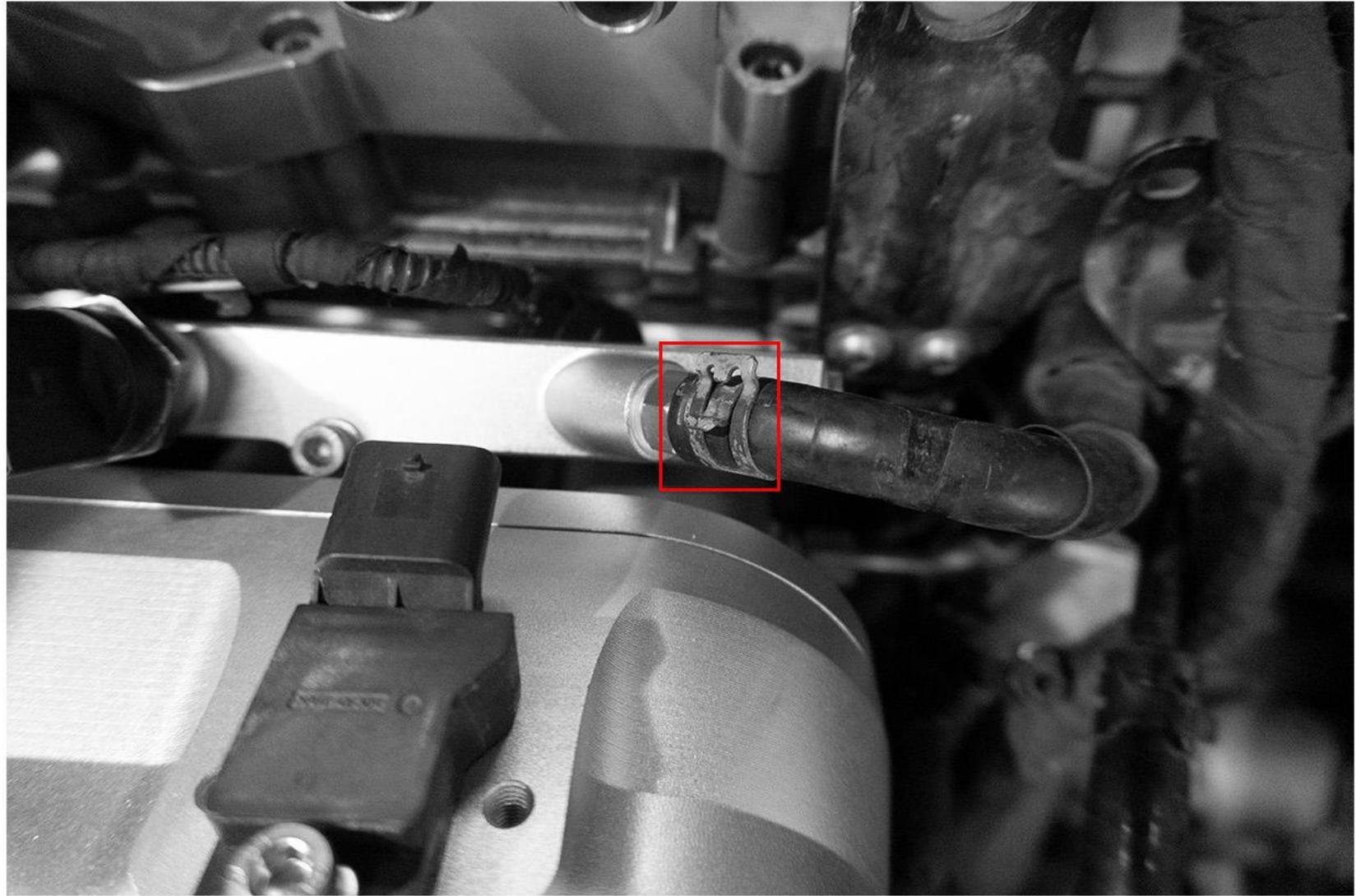
Plug shock absorber, fuel injector, oil pressure sensor and throttle body



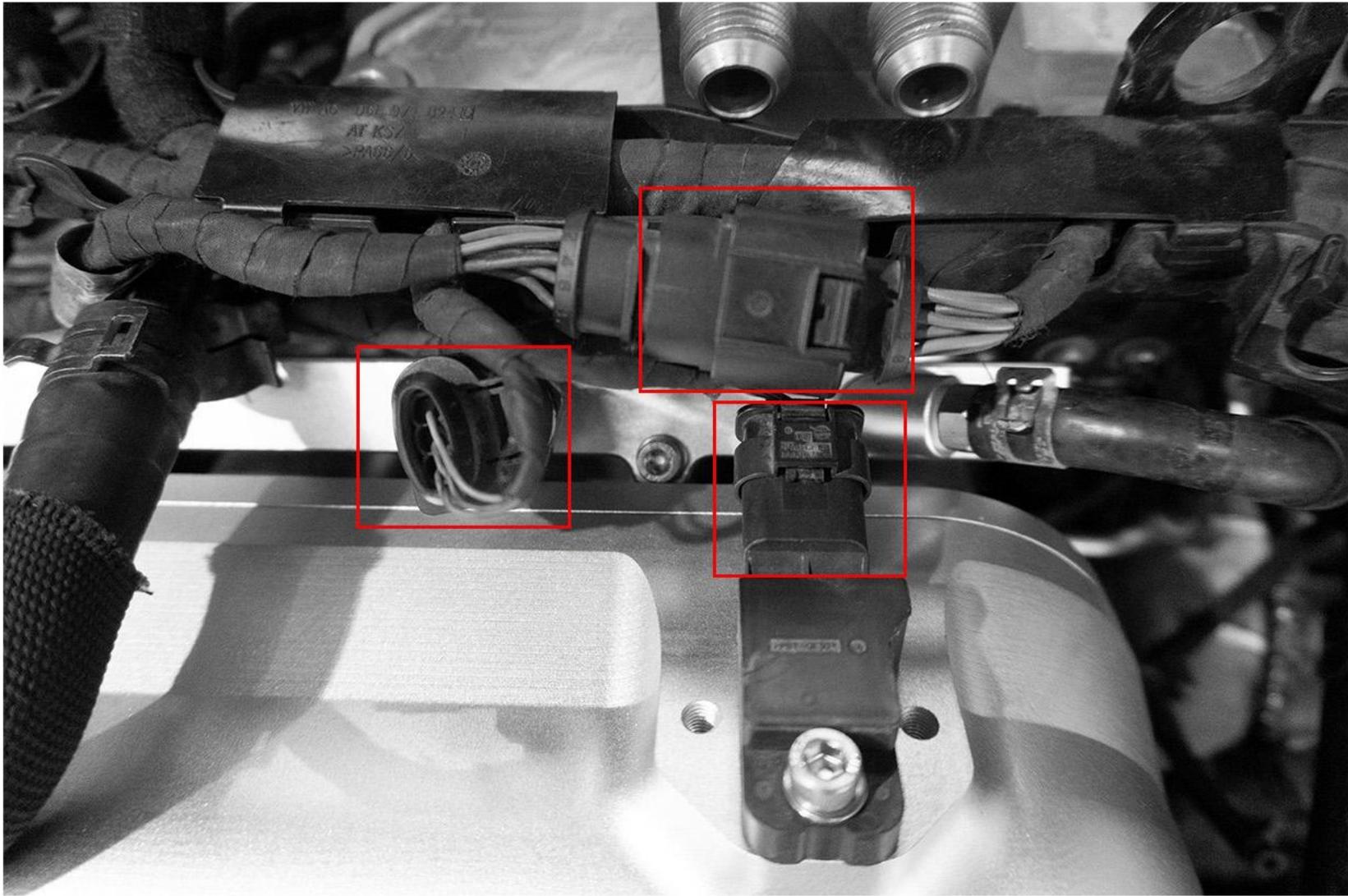
Install fuel rail with 17mm wrench



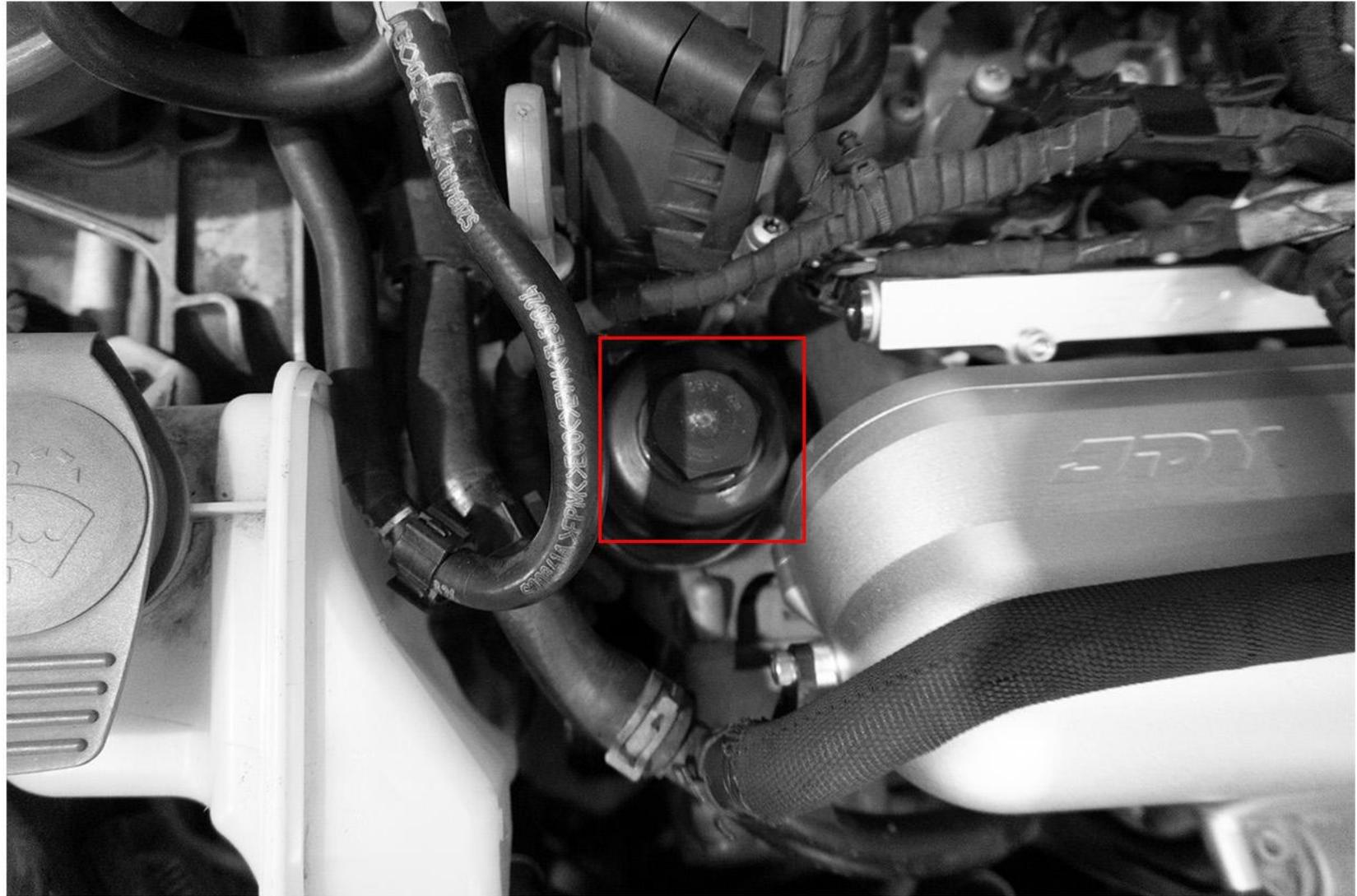
Attach the fuel hose onto fuel rail



Plug fuel injectors, boost pressure sensor and oil pressure sensor

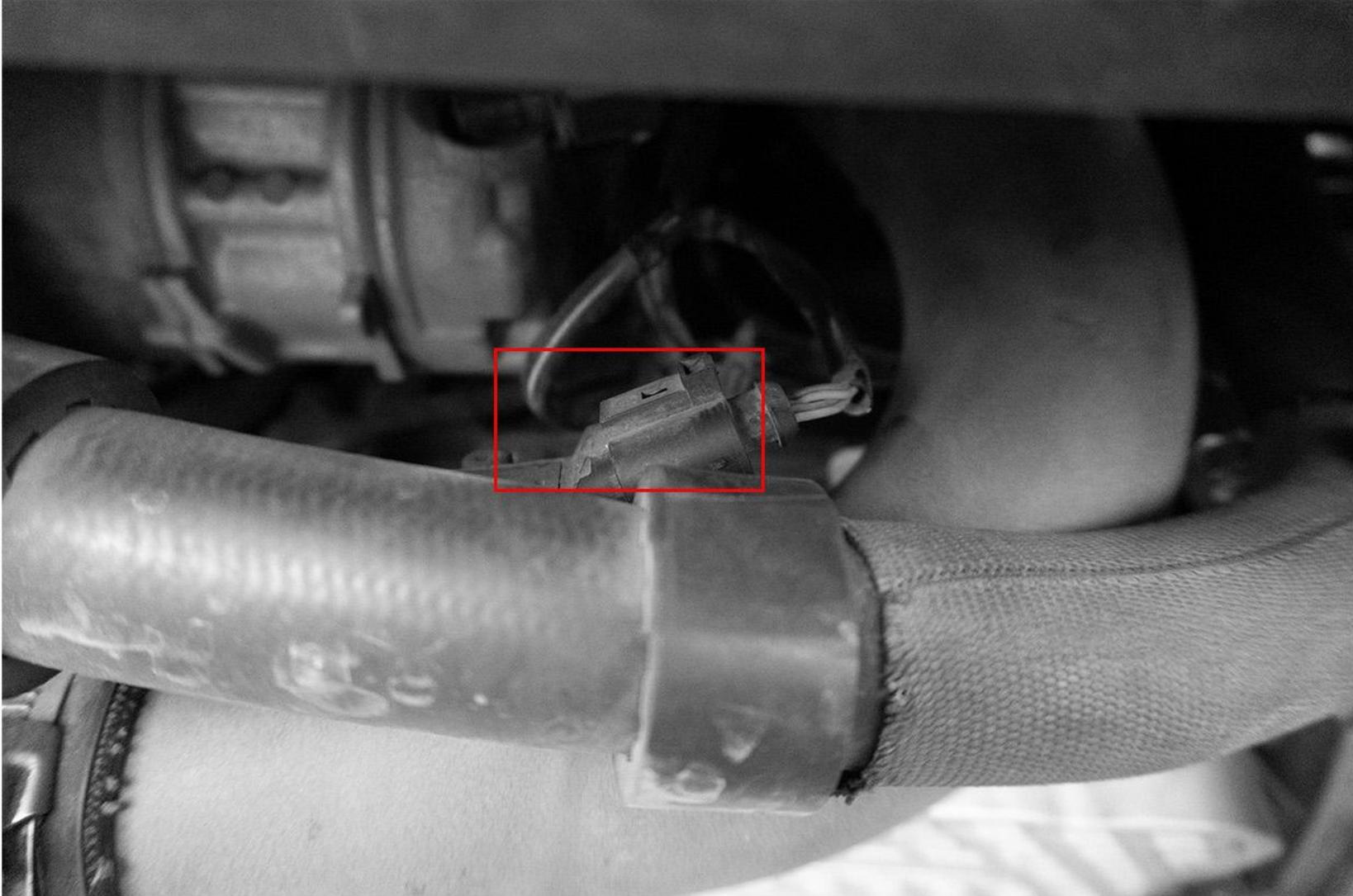


Install fuel filter with 32mm socket

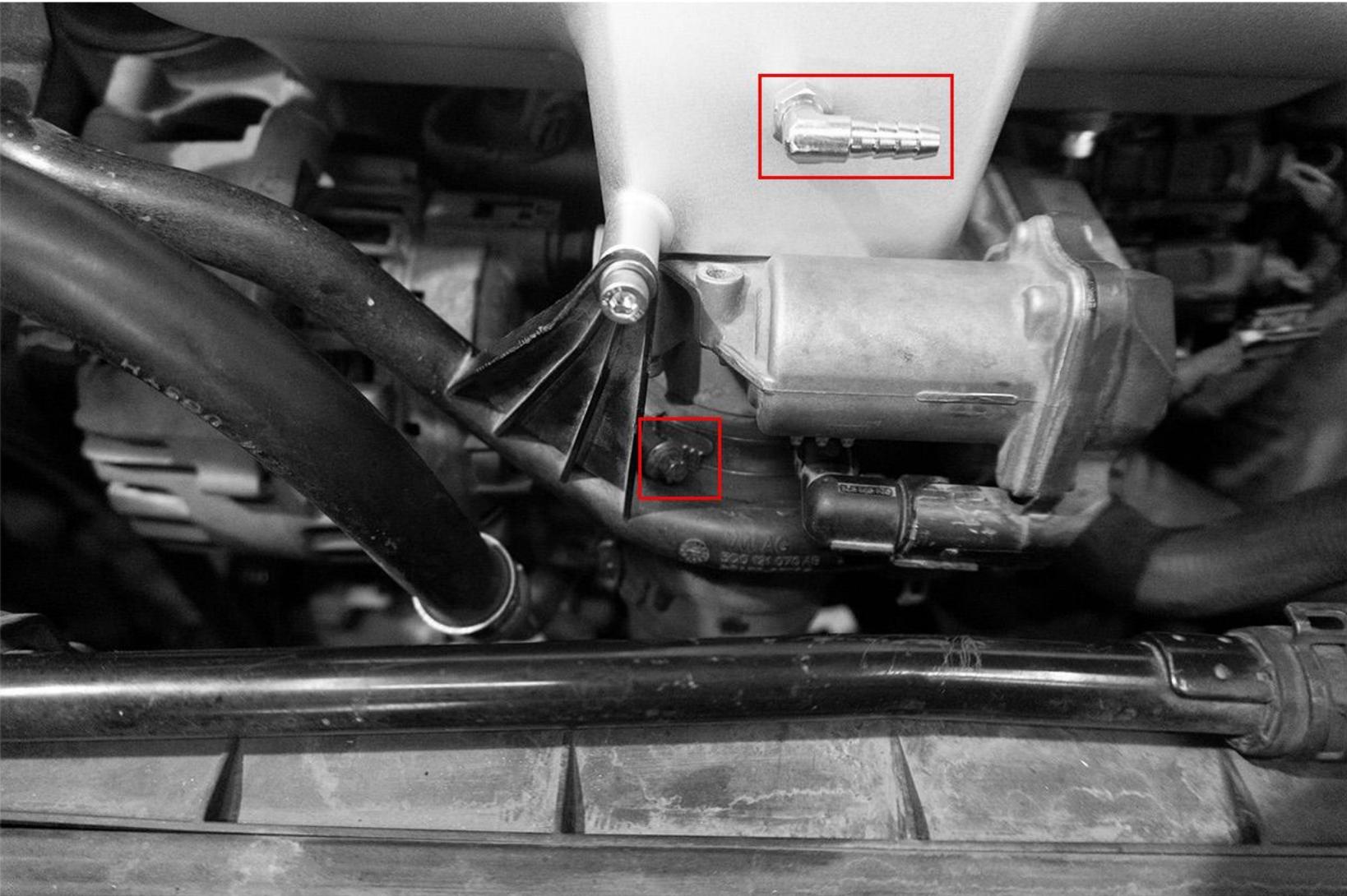


Install the charge pipe before throttle body

Plug the boost pressure sensor on charge pipe



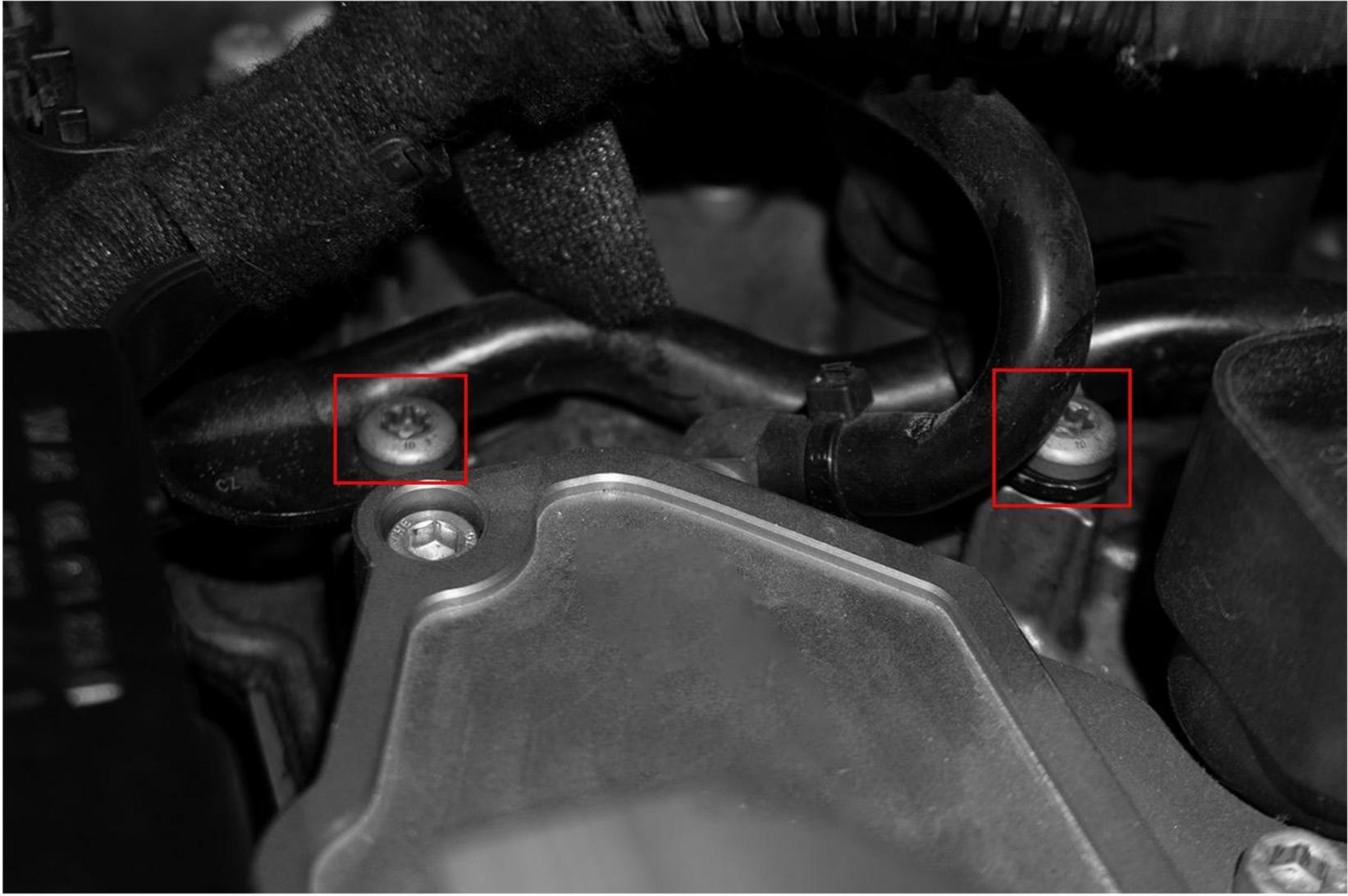
Install the clamp securing charge pipe and throttle body with 7mm socket



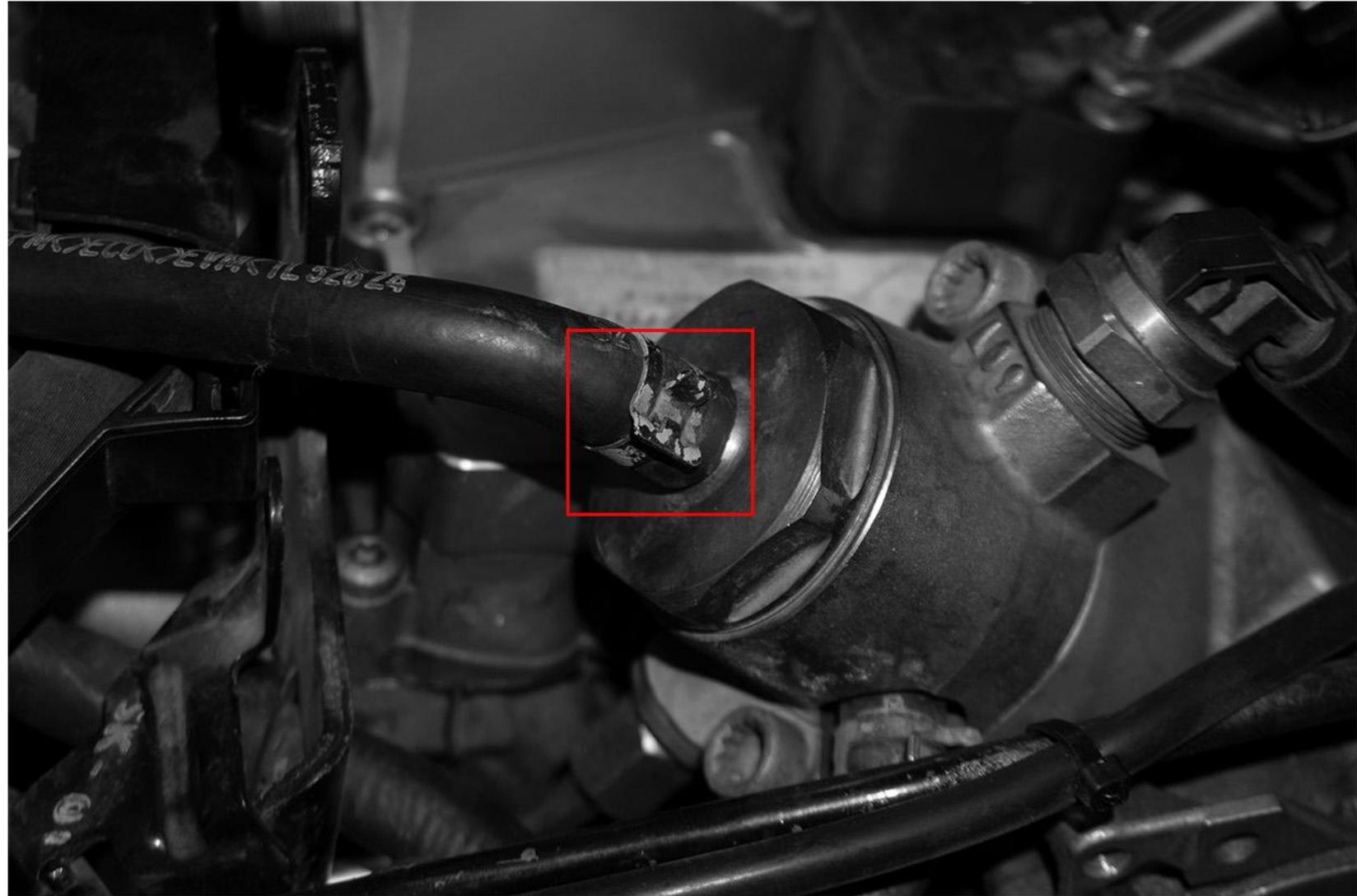
Install the clamp securing intercooler  
on passenger side with 7mm socket



Fasten the bolts on the iron pipe alongside exhaust valve with T30 socket



Attach the fuel hose onto HPFP



Install air deflector

Fasten the bolts on air deflector with  
T25 socket



Install air filter base

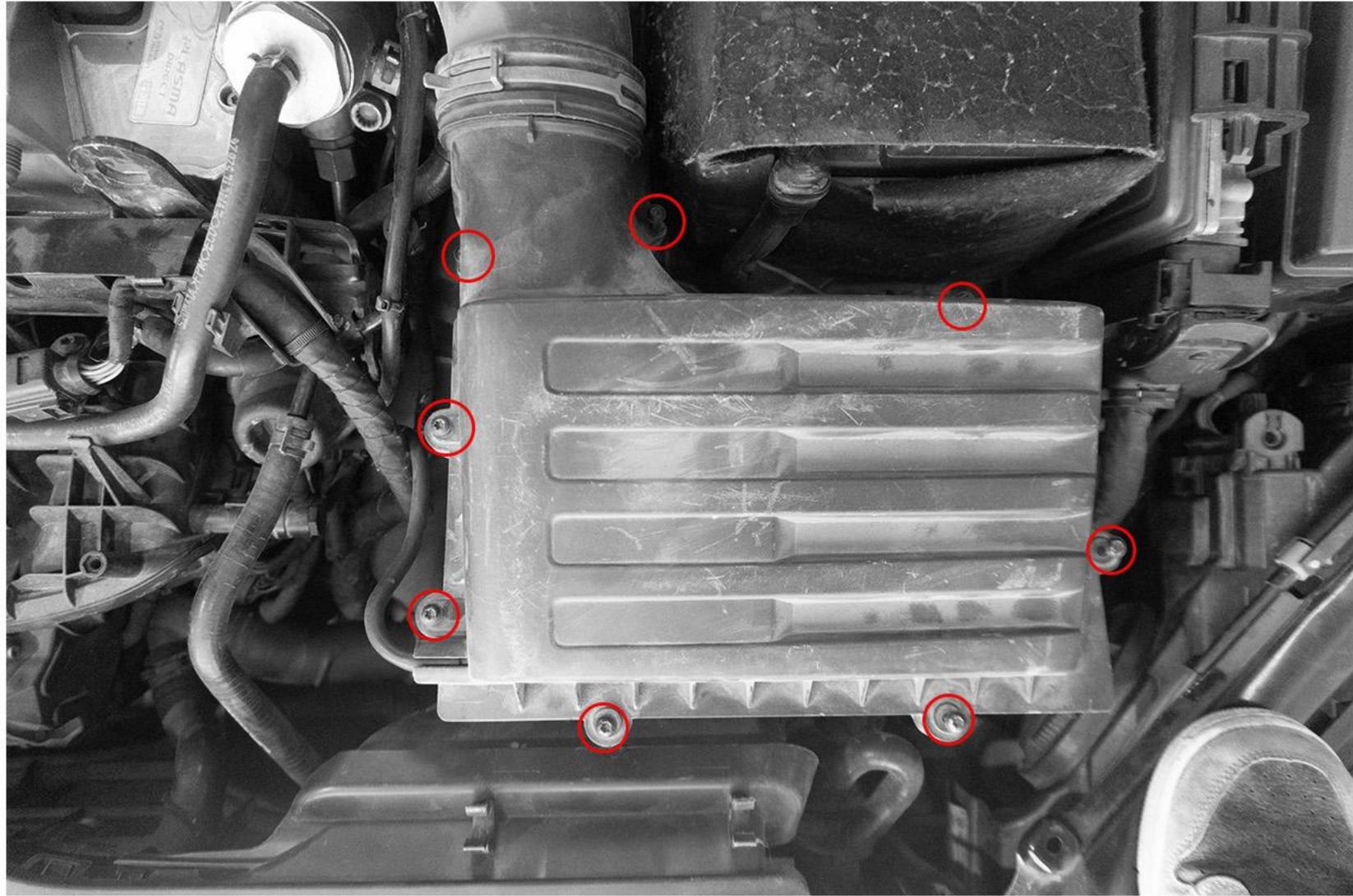


Attach the intake pipe

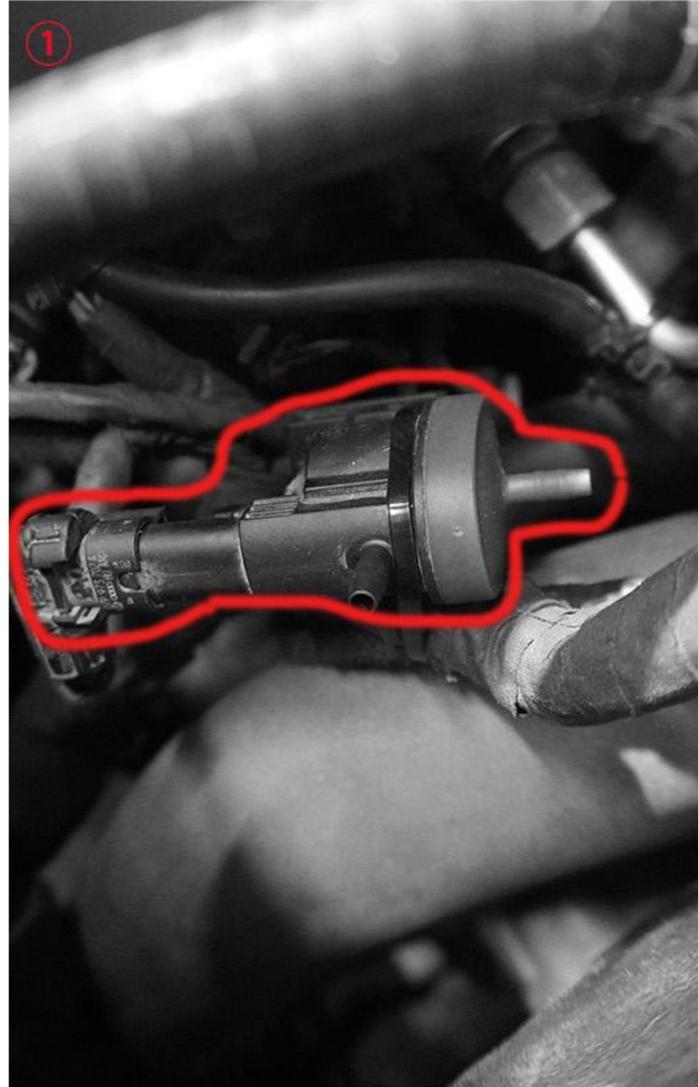
Install the clamp securing inlet pipe  
with 7mm soc



Fasten the bolts on air filter cap with  
T25 socket



Make sure you disable the flap position sensor and solenoid valve before the following operation



# THANK YOU VERY MUCH FOR PURCHASING JDY PERFORMANCE PRODUCTS!

If any further assistance is needed please contact :

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[sales@jdyperformance.com](mailto:sales@jdyperformance.com)

or you can always contact us through our facebook & instagram official page.

[WWW.JDYPERFORMANCE.COM](http://WWW.JDYPERFORMANCE.COM)