ASSEMBLY & INSTALLATION NOTES

JUBU Gearbox-oilcooling-upgrade V6 (JU00226ART)

for Exige 390, 410, 420, 430

Please follow the instructions in this manual for a proper assembly & installation of the JUBU Cold Air Intake for Exige 390, 410, 420, 430.

Please find in this document:

1. **PART LIST**
2. **ASSEMBLY & INSTALLATION NOTES**

1. PART LIST for product JU00226ART

#	ITEM	ART-NO.	UNITS
1	Upgrade gearbox heat exchanger	JPP620146	1
2	Upgrade gearbox heat exchanger bracket	JPP620017	1
3	Hose 1 (oil from pump to heat exchanger)	JU00300ART	1
4	Hose 2 (oil from heat exchanger to gearbox)	JU00301ART	1
5	Clamp for gearbox oil return adapter	JPP620075	1
6	DIN 912 M6x16 head cap screw	-	1
7	DIN 912 M8x12 head cap screw	-	3
8	DIN 912 M8x35 head cap screw	-	1
9	DIN 912 M8x45 head cap screw	-	1
10	DIN 912 M10x1.25x35 head cap screw	-	1
11	DIN 137 M6 spring washer	-	1
12	DIN 137 M8 spring washer	-	3
13	Spring band clamp Ø22mm	JU01181ART	3

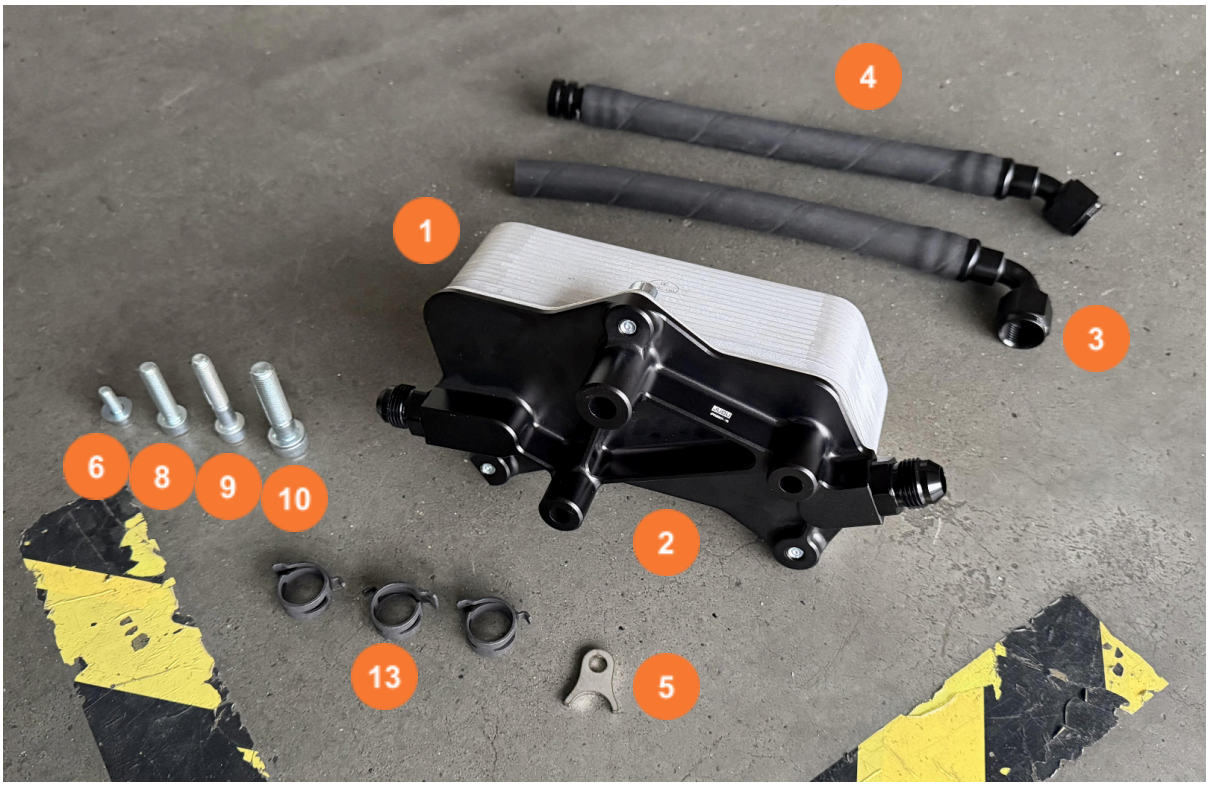

Fig 1: Scope of delivery

2. ASSEMBLY & INSTALLATION NOTES

Level of difficulty: **MEDIUM - COMPLEX**
Required time: **4h - 6h** (depends on experience, available tools & skills)

1. Uninstall the OEM gearbox oil heat exchanger.
2. Screw the bracket for the gearbox oil heat exchanger (2) onto the gearbox by using 1x DIN 912 M10x1,25x35 screw (10) (50Nm), 1x DIN 912 M8x45 screw (9) (25Nm) and 1x DIN 912 M8x35 screw (8) (25Nm). Fix all screws with screw lock *LOCTITE 243 screw locking lacquer*.
3. Make sure that the 19x3 O-rings are greased and sit correctly in their grooves of the heat exchanger bracket (2).
4. Screw the gearbox oil heat exchanger (1) to the heat exchanger bracket (2) using 3x DIN 912 M8x12 screws (7) and 3x DIN137 M8 spring washers (12) and tighten them with 20Nm.
5. Connect the OEM oil pump with the heat exchanger bracket (2) by using hose 1 (3) as shown in *Fig. 2*. Secure hose 1 (3) at the oil pump by using 1x spring band clamp (13).

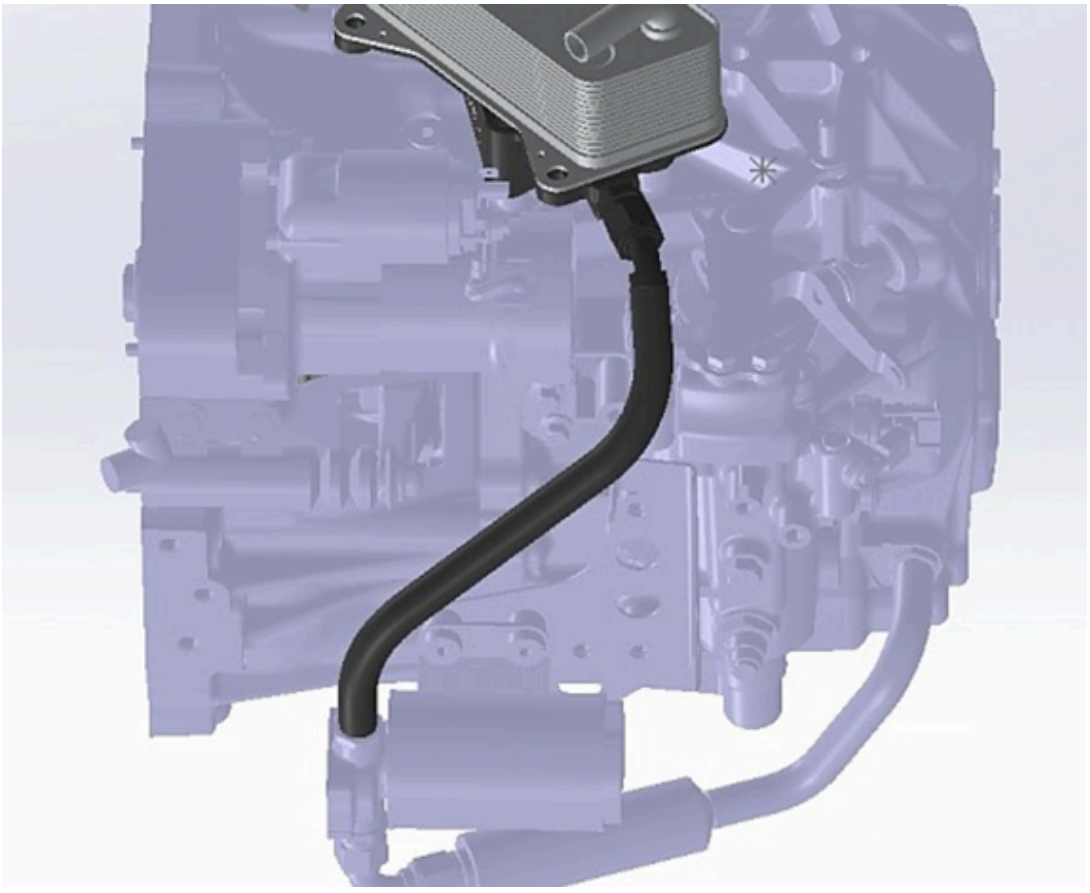

Fig 2: Connecting the heat exchanger bracket (2) to OEM oil pump via hose 1 (3).

⚠ **ATTENTION!** The AN8 fittings must NOT be tightened with more than 35Nm of torque! If the AN8 screwing fittings (oil connectors to and from the gearbox oil heat exchanger) are tightened with too much torque, they might start to leak!

⚠ **ATTENTION!** The AN8 Push-on-adapter 90° of hose 1 (3) must not collide with the shifting unit on the gearbox! Please note this during installation!

6. Connect the gearbox with the heat exchanger bracket (2) by using hose 2 (4) and the clamp for gearbox oil return adapter (5) as shown in *Fig. 3*. Fix the clamp (5) by using 1x screw DIN 912 M6x16 (6) and 1x spring washer DIN 137 M6 (11) and tighten the screw with 10Nm.

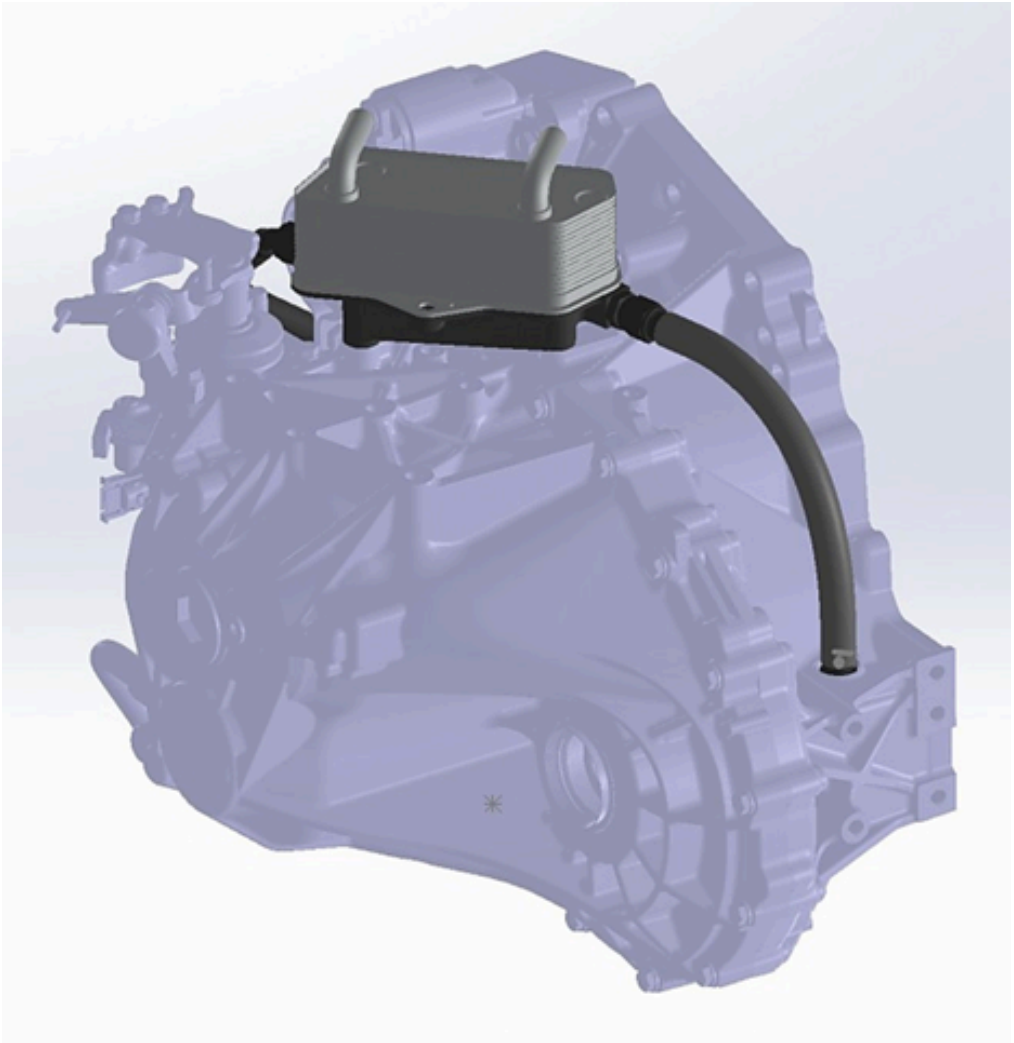

Fig 3: Connecting the heat exchanger bracket (2) to gearbox via hose 2 (3).

⚠ **ATTENTION!** The AN8 fittings must NOT be tightened with more than 35Nm of torque! If the AN8 screwing fittings (oil connectors to and from the gearbox oil heat exchanger) are tightened with too much torque, they might start to leak!

7. Connect the gearbox oil heat exchanger with the engine water cooling circuit by using the OEM hoses as shown in *Fig. 4*. Secure the hoses with 2x spring band clamps (13).

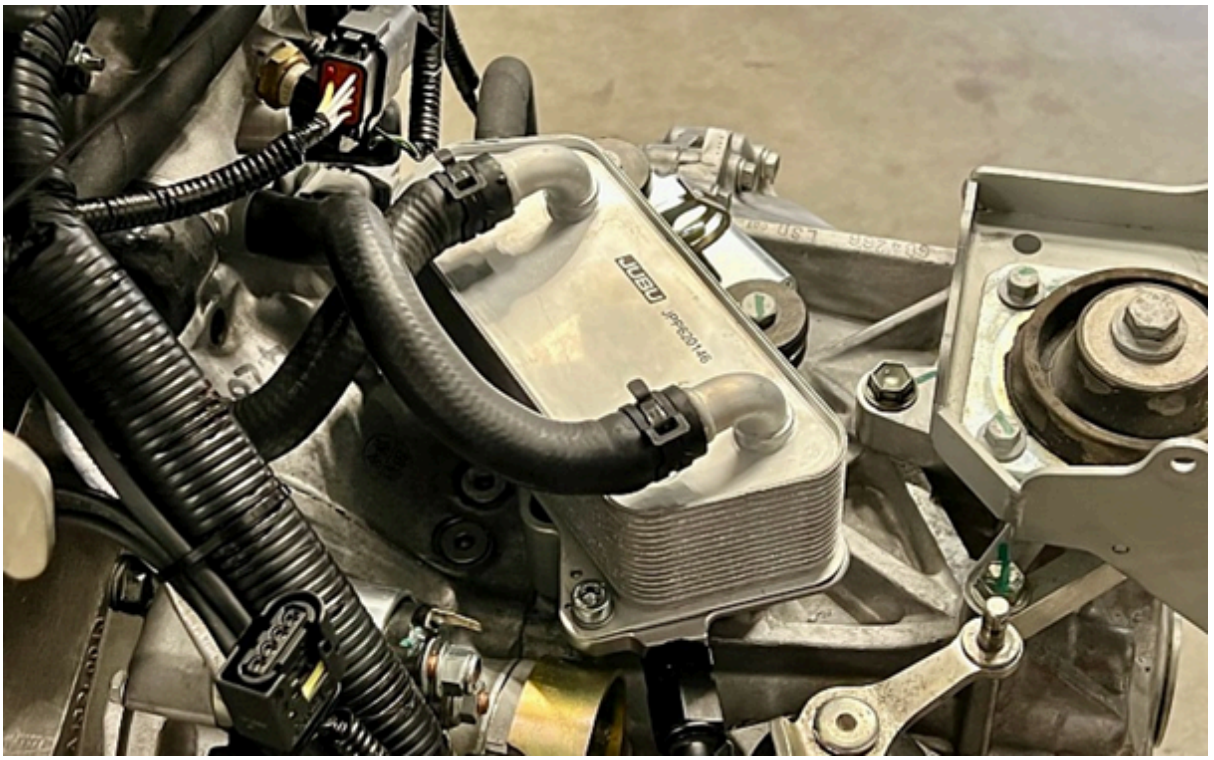

Fig 4: Connecting the heat exchanger (1) to the water circuit.

8. Execute a comprehensive functional test and double check all clamps and screws!

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If you have any questions or need additional information, please contact us by email:

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