

Assembly & Installation notes
JUBU gearbox oil cooling upgrade
for Exige 380 / 390 / 410 / 420 / 430

Please follow the instructions in this manual for a proper assembly & installation of the JUBU gearbox oil cooling upgrade for Exige 380, Exige 390, Exige 410, Exige 420 and Exige 430.

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

1. PART LIST

Ill.	Item	Item No	No of items
1	Gearbox oil heat exchanger	JPP620146	1
2	Bracket for gearbox oil heat exchanger	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	Head cap screw DIN 912 M8x12		3
7	Head cap screw DIN 912 M10x1,25x45		1
8	Head cap screw DIN 912 M8x45		1
9	Head cap screw DIN 912 M8x35		1
10	Head cap screw DIN 912 M6x16		1
11	Spring washer DIN 137 M8		3
12	Spring washer DIN 137 M6		1
13	Hose clamp for Ø 20mm		3

Fig. 1: Scope of delivery



ASSEMBLY & INSTALLATION NOTES

1. Uninstall the OEM gearbox oil heat exchanger.
 2. Screw the bracket for the gearbox oil heat exchanger JPP620017 (2) onto the gearbox by using 1x DIN 912 M10x1,25x45 screw (7) (apply 50Nm of torque), 1x DIN 912 M8x45 screw (8) (apply 25Nm of torque) and 1x DIN 912 M8x35 screw (9) (apply 25Nm of torque). 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 part JPP620017 (2)!
 4. Screw the gearbox oil heat exchanger JPP620146 (1) to the bracket JPP620017 (2) with 3x DIN 912 M8x12 screws (6) and 3x DIN137 M8 spring washers (11) (apply 20Nm of torque).
 5. Connect the OEM oil pump with the heat exchanger JPP620017 (2) by using hose #1 - JU00300ART (3). Secure hose #1 at the oil pump by using a hose clamp for \varnothing 20mm (13).
 6. Connect the gearbox with the heat exchanger JPP620017 (2) by using hose #2 - JU00301ART (4) and the clamp for gearbox oil return adapter JPP620075 (5). Fix the clamp by using 1x screw DIN 912 M6x16 (10) and 1x spring washer DIN 137 M6 (12) (apply 10Nm of torque).
- ⚠ ATTENTION! The AN8 connections must NOT be tightened with more than 35Nm of torque! If the AN8 screwing connections (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° on the heat exchanger must not collide with the shifting unit on the gearbox when mounted correctly!**
7. Connect the gearbox oil heat exchanger with the engine water cooling circuit by using the OEM hoses. Secure the hoses with 2x hose clamp for \varnothing 20mm (13)
 8. Execute a comprehensive functional test!

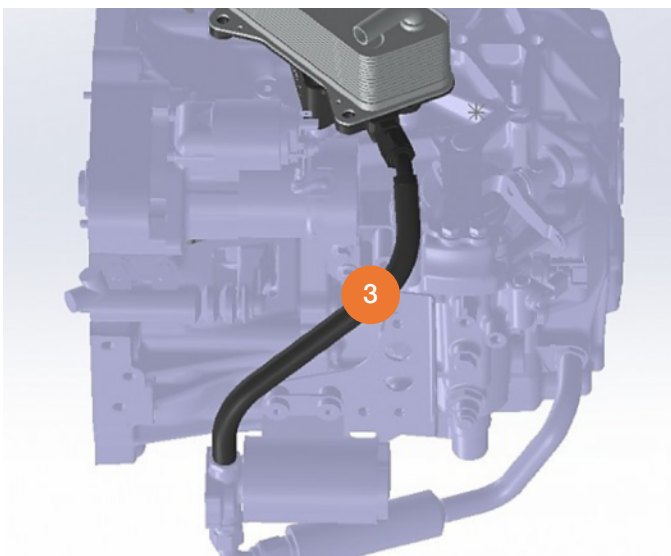


Fig. 2: Correctly mounted assembly (I)

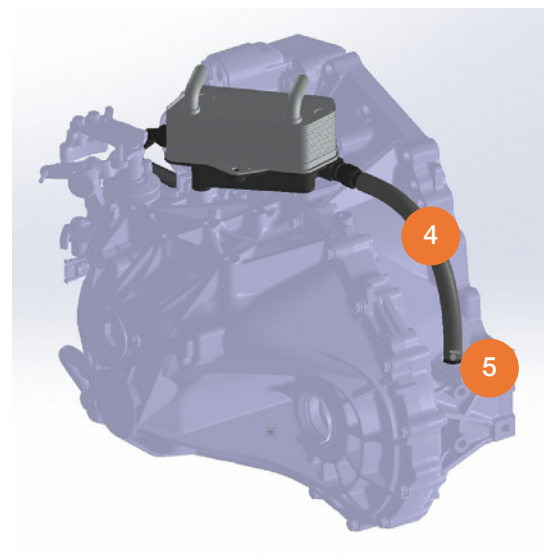


Fig. 3: Correctly mounted assembly (II)

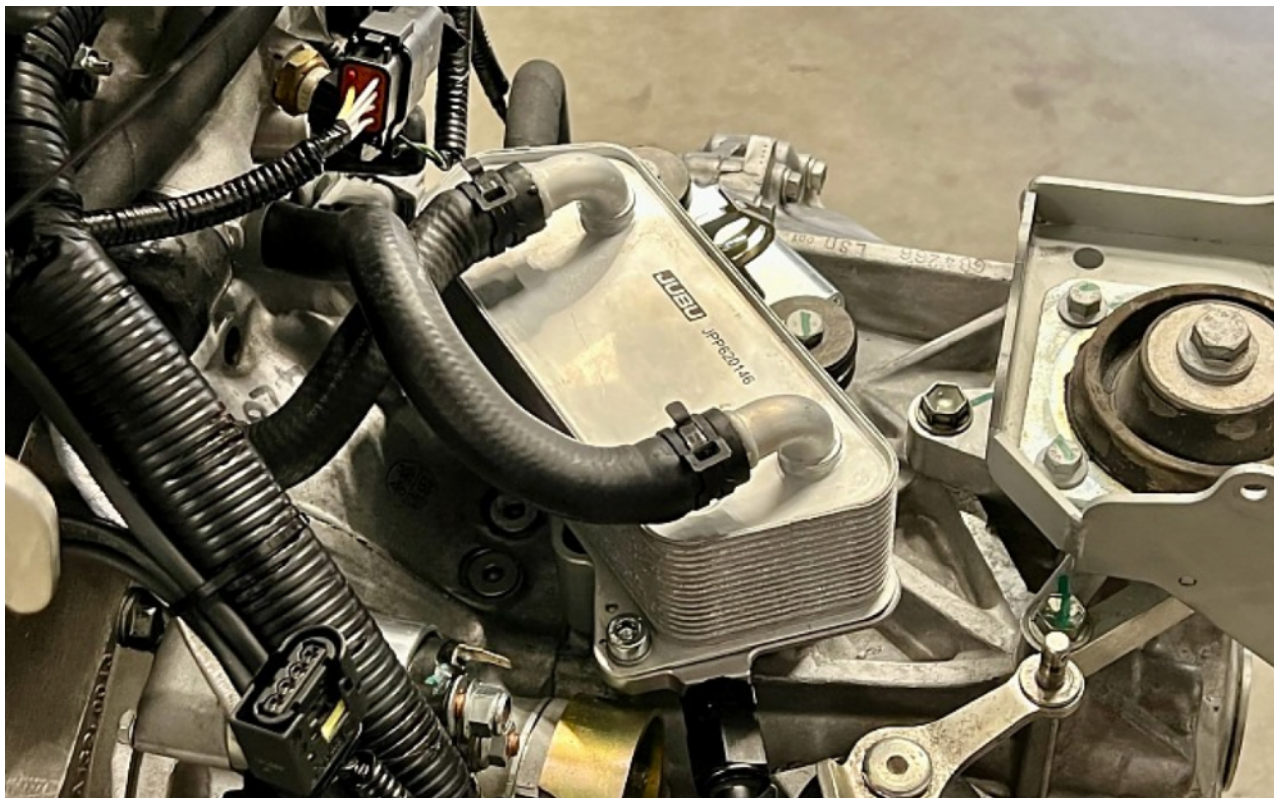


Fig 4: Correctly mounted assembly

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