

**Subject:** HIGH PRESSURE FUEL PUMP REPLACEMENT

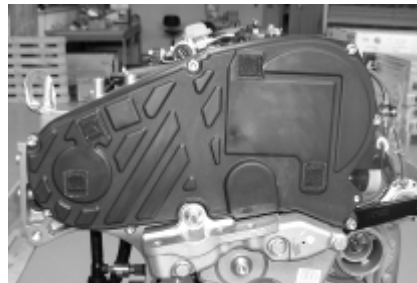
**Model affected:** TDA CR 2.0 16V / V1.1 all serial numbers

**Compliance time:** When it necessary to replace the high pressure pump

*The technical content of this document is approved under the authority of  
DOA nr. [EASA.21J.283]*

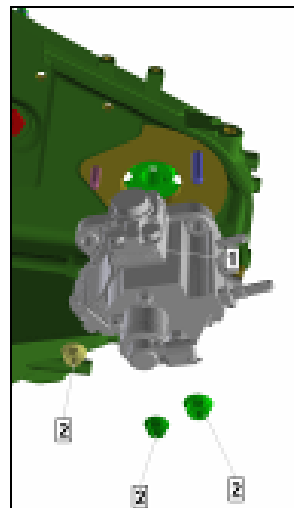
A) PUMP REMOVAL

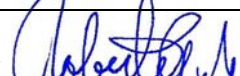
1 Remove timing belt cover and retain fixing nuts for further reinstallation.



2 Disconnect fuel hoses connected to the high pressure pump, disconnect fixing nuts and remove it.

3 Undo the nuts (item 2) fixing the pressure pump to the support.

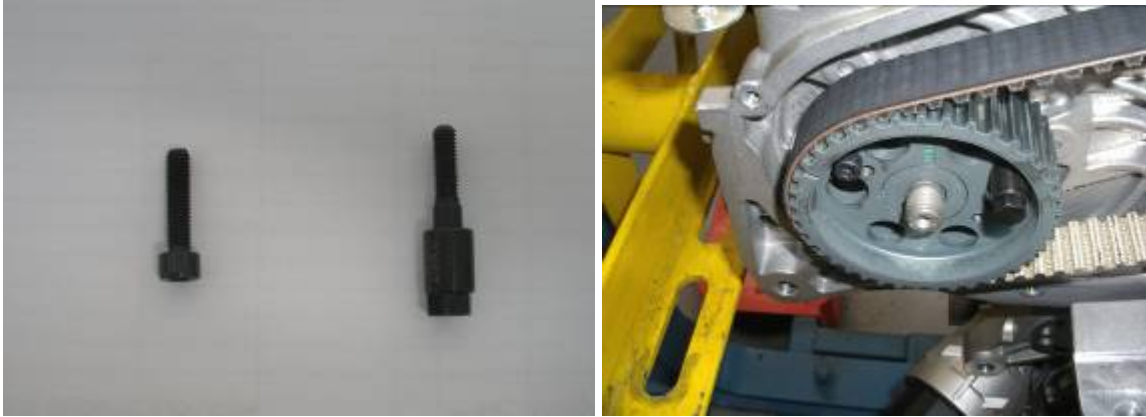


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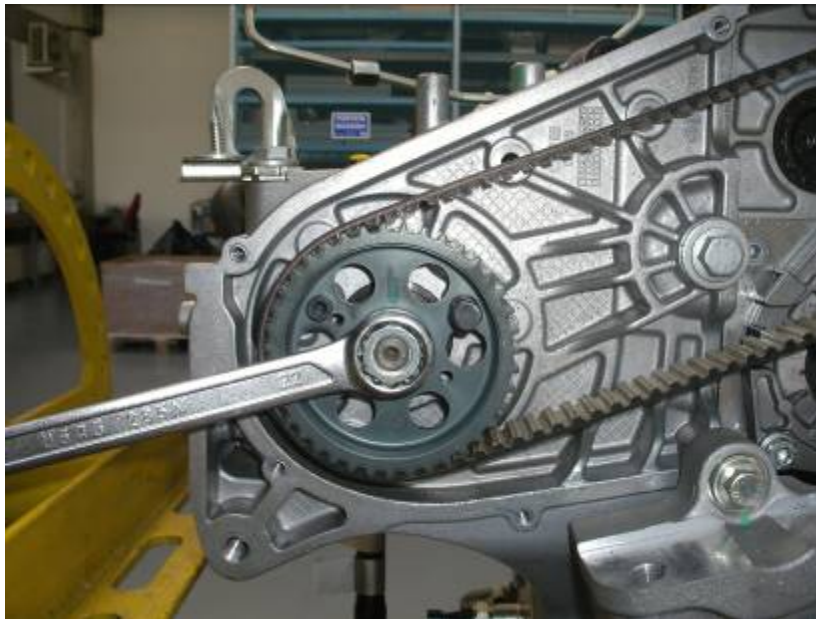
**WARNING**

New or updated Instructions for Continued Airworthiness may be contained in Diesel Jet Service Documents. Service Documents applicable to the engine or accessories on which work is being performed must be consulted and complied with prior to performing any installation, maintenance, or overhaul function.

4 Prevent the pump control pulley rotation using the two screws included in kit p/n 2000026900 (see figures below).



5 Undo the pressure pump drive pulley nut



6 Set the extractor tool p/n 1860854000 to the drive pulley as shown in figure below



7 Rotating clockwise the screw on the extractor remove the pump from the mounting.



**B) PUMP REFITTING**

1 Fit the pressure pump on the mounting studs and tighten the tool (included in the kit p/n 2000026900) for centering the pressure pump control shaft with the pulley.



2 Use new nuts to secure the pressure pump to the support and tighten them to 23 ÷ 28 Nm.

3 Undo the tool for centering the pressure pump control shaft fitted previously.

4 Tighten the nut securing the pressure pump drive pulley to 45 ÷ 55 Nm. Replace nut if damaged.

5 Refit timing belt cover and tighten nuts to 9 Nm. Replace nuts if damaged.

**C) SPECIAL TOOLS REQUIRED**

- Torque wrench with scale at least covering recommended values
- Screws kit p/n 2000026900
- Extractor tool p/n 1860854000

**D) PARTS REQUIRED**

Item	Part	P/n	Q.ty	Torque (Nm)
1	High Pressure Fuel Pump	4A053-01	1	//
2	Nut EAUF	1/40600/11	3	23 ÷ 28 Nm
3	Nut M14x1,5	73500821	1	45 ÷ 55 Nm
4	Screws	1/43054/24	7	9 Nm