

This Service bulletin has been produced in accordance with approved Alternative Procedures to DOA EASA.AP356.
Technical data has been approved by EASA under Approval No.:

 INFORMATION RECOMMENDED **MANDATORY****A. SUBJECT:**

Replacement of rubber oil hose at airplanes equipped with engine Rotax Type 914 Series.

B. AFFECTED AIRPLANES:

DY-400/2011 LSA; DY-420/2011 LSA; DY-428/2011 LSA; DY-429/2012 LSA;
DY-433/2012 LSA; DY-435/2012 LSA; DY-439/2012 LSA; DY-445/2012 LSA;
DY-459/2012 LSA; DY-468/2013 LSA; DY-475/2013 LSA; DY-477/2013 LSA;
DY-479/2013 LSA; DY-485/2013 LSA; DY-493/2014 LSA; DY-494/2014 LSA;
DY-500/2014 LSA; DY-510/2014 LSA;

C. REASON:

Due to higher temperature in the surrounding of muffler the rubber oil hose may become brittle and crack during manipulation.

D. REQUIRED ACTION:

Replacing of original rubber oil hose with the new PTFE oil hose.

1. Remove the engine cowlings.
2. Remove banjo bolts (1), gasket rings (2) and original rubber oil hose (3) connecting the oil tank and the oil pump. Attention, there may be oil in the hose.

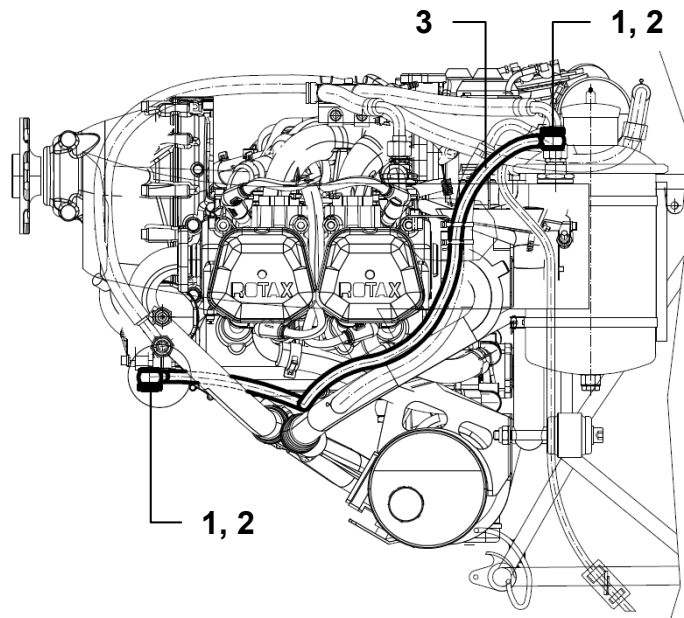


Fig. 1

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 INFORMATION RECOMMENDED **MANDATORY**

- Cut off the clamps (4), remove the banjos (5) and fire protection (6).

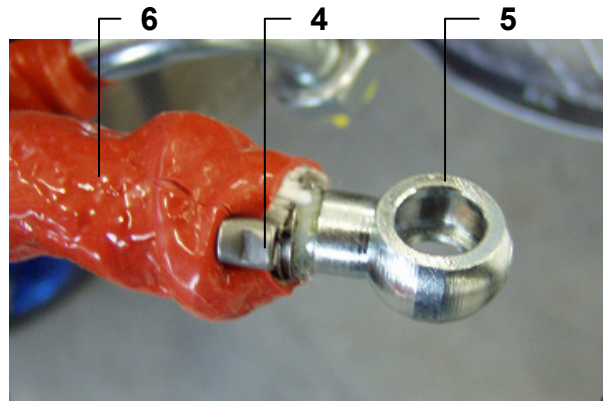


Fig. 2

- Shorten the new PTFE oil hose (7) according to the original one and put on the fire protection (6). Check and clean the impurities in the PTFE oil hose as necessary. Put the clamps (8) and banjos (5) on the new PTFE oil hose (7) and connect it to the oil tank and oil pump by means of banjo bolts (1) and new gasket rings (9). Finalize the clamps (8).

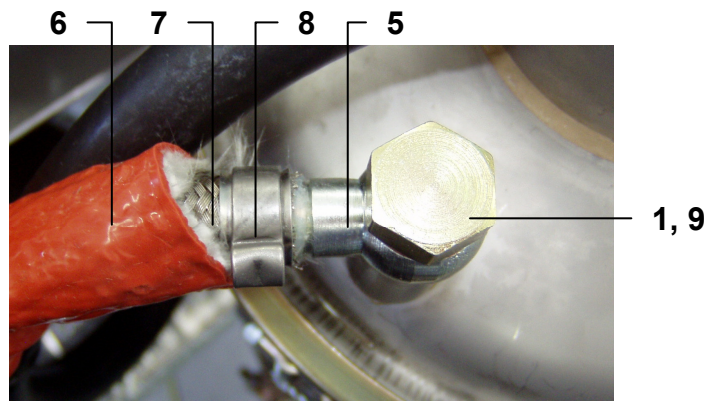


Fig. 3

- Finalize the banjo bolts with 12 Nm torque. Seal the ends of fire protection by a fire protective tape (10). Attach the new oil hose in the engine compartment.

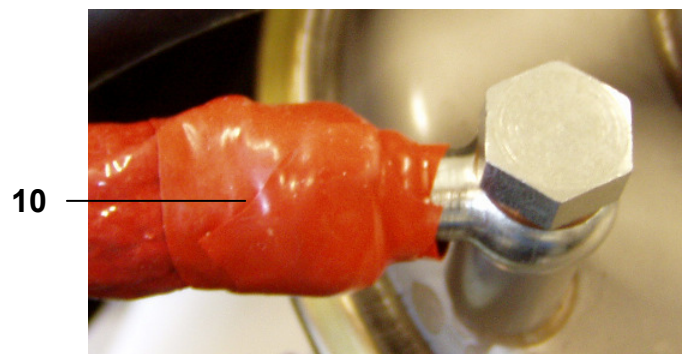


Fig. 4

- Check the oil level in the oil tank. Perform engine ground test and check the leak.
- Install the engine cowlings.

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 INFORMATION

 RECOMMENDED

 MANDATORY
E. COMPLIANCE:

At next periodic inspection.

F. WEIGHT AND BALANCE:

Weight change: Negligible

Moment change: Negligible

G. ACTION CARRIED OUT BY:

- Airplane manufacturer Aerospool spol. s r. o.
- Maintenance personnel of a Part-M, Section A Subpart F maintenance organization
- Independent staff qualified in accordance with Part-66

H. COSTS COVERED BY:

Necessary material will be supplied by Aerospool spol. s r. o. free of charge.

I. NECESSARY MATERIAL:

 For material purchase contact the airplane manufacturer's local representative or contact airplane manufacturer directly at spareparts@aerospool.sk.

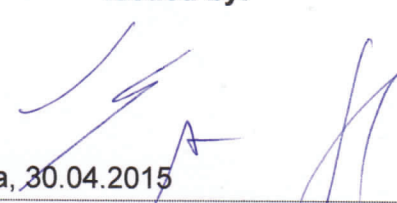
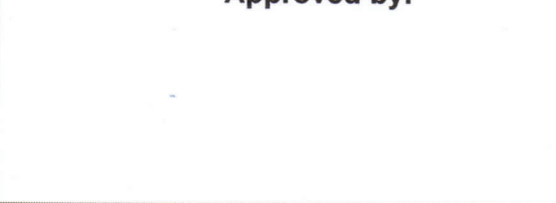
Part Name	Part Number	Quantity
Oil hose PTFE	1-406	1.2 m
Gasket ring 10x14x1.5	10X14X1.5	4 pcs
Clamp Oetiker 13.3	15400031	2 pcs
Fire protective tape	1-149	0.4 m
Cable ties 360x4.5	1-222	10 pcs

J. DOCUMENTATION:

Record the compliance with this Service Bulletin in the airplane documentation.

K. ENCLOSURES:

None.

Issued by:	Approved by:
 Prievidza, 30.04.2015	
Place, date, signature	EASA