

SUPPLEMENTAL AIRPLANE MAINTENANCE MANUAL

Installation Instructions for Fuel System Improvements

This Supplemental AMM is approved in conjunction with the Diamond Engineering Order DEO 62-036/a and is valid in conjunction with the basic Airplane Maintenance Manual (AMM).

The limitations and information contained herein either supplement or, in the case of conflict, override those in the AMM.

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This document must be carried in the Airplane Maintenance Manual (AMM) at all times. It describes the maintenance procedures.

The technical information contained in this document has been approved under the authority of DOA No. EASA.21J.052.



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RECORD OF REVISIONS

Rev. No.	Reason	Chapter	Page(s)	Date of Revision	Approval Note	Date of Approval	Date Inserted	Signature

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FOREWORD

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Any occurrence related to this DEO shall be reported in writing to the address above or submitted to E-Mail: airworthiness-austria@diamondaircraft.com



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CHAPTER 03 – GENERAL DESCRIPTION

2. Description

The DA 62 can be equipped with:

- an additional fuel pressure pulsation damper in the fuel feed line
- a flow restrictor in the fuel return line.

Note: All measurements must be carried out by a certified airplane maintenance station or a certified airplane mechanic.

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CHAPTER 28 – FUEL

Section 28-20 – Fuel Distribution

Maintenance Practices – Maintenance Checklist DA 62

6. Remove/Replace/Install the Fuel Pressure Pulsation Damper

Obey the safety precautions for fuel at all times.

- A. Remove the Fuel Pressure Pulsation Damper (LH or RH Engine).

Refer to Figure 1.

	Detail Steps/Work Items	Key Items/References
(1)	Make sure that the engine is safe: <ul style="list-style-type: none">– Set the ENGINE MASTER switch to OFF.– Set the ELECT. MASTER switch to OFF.– Set the power lever to 0%.	
(2)	Remove the upper cowlings.	
(3)	Remove the P-clamp which the positions fuel pressure pulsation damper installation.	
(4)	Remove the lock wires that secure the fuel pressure pulsation damper to the fuel line and the fitting.	
(5)	Disconnect the fuel line from the damper housing.	
(6)	Remove the fuel pressure pulsation damper from the fitting.	

C. Install the Fuel Pressure Pulsation Damper Housing Assembly.

	Detail Steps/Work Items	Key Items/References
(1)	Flush the fuel pressure pulsation damper assy with fuel approved for the airplane. No contamination allowed.	
(2)	Connect the fuel pressure pulsation damper housing to the fitting.	
(3)	Connect the fuel supply line to the fuel pressure pulsation damper housing.	
(4)	Install the P-clamp and the fuel pressure pulsation damper assy installation to the engine. Make sure that the flow direction on both pulsation damper assys matches the flight direction.	
(5)	Install the upper cowlings.	
(6)	Conduct an engine ground run.	
(7)	Inspect the engine for fuel leakage.	

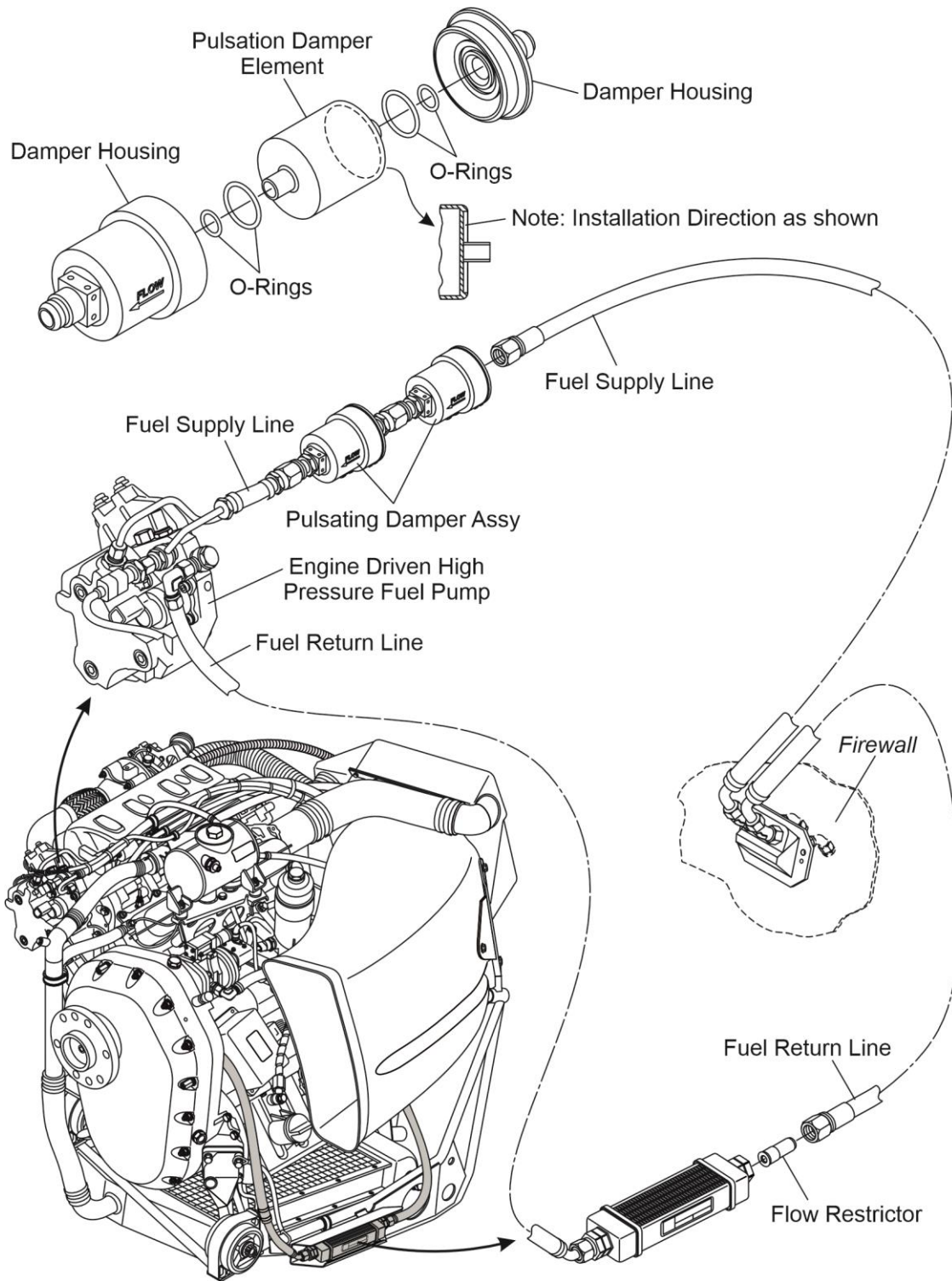


Figure 1: Fuel System Components Firewall Forward LH and RH Engine



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