
SERVICE INFORMATION LETTER NO. SI40NG-065/2

SUPERSEDES SERVICE INFORMATION LETTER SI40NG-065-1

NOTE: Service Information Letters are used only:

1. To distribute information from Diamond Aircraft Industries Inc. (DAI) to our customers.
2. To distribute applicable information/documents from our suppliers to our customers with additional information.

NOTE: Typically there is no revision service for Service Information Letter (SIL). Each new information or change will be sent along with a new SIL.

1. TECHNICAL DETAILS

1.1 Aircraft Affected

All DA 40NG aircraft

1.2 Subject

Air Intake System Hose
ATA-Code: 71-60

1.3 Reason

It has come to DAI's attention during maintenance actions DA 40 NGs' may have had generic SCEET hoses installed. As this could compromise the engine air intake system and possibly result in engine power loss, DAI recommends replacing any hose found in the air intake system if it cannot be determined to be a DAI part. This Service Information Letter provides guidance in identifying what the correct installation is and provides instructions for rectification if necessary.

1.4 Information

DAI recommends using the information listed below to identify the SCEET hose and replace if needed.

- 1.4.1 As shown in Figure 1 below, the SCEET hose can be identified by the “Aeroduct Product” stamping (or other reference), single string reinforcement and non-reinforced ends. The DAI part can be identified by the double stitching and in later serial number the reinforced ends.

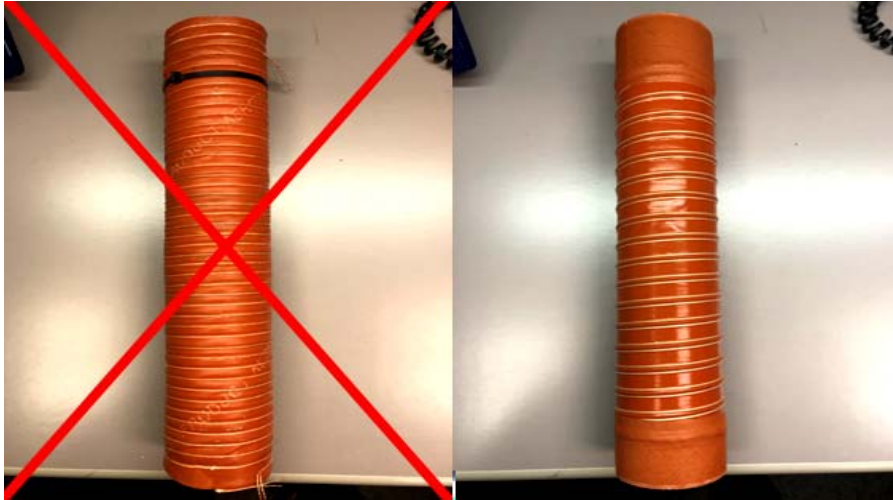


Figure 1: Left - SCEET Hose, Right - Current DAI Part

- 1.4.2 Customers are advised to confirm the correct part is installed on their DA 40NG aircraft. The hose is installed in the air intake system between the alternate air valve and the turbocharger. Note the hose may be covered by a black chafe protector. Location of the hose is shown in Figure 2 below.



Figure 2: Intake Hose Location in DA 40NG Aircraft

- 1.4.3 Upon inspection, if you cannot positively identify the hose as a correct DAI part, remove and discard the hose.
- 1.4.4 Install the DAI hose (P/N DS_HA2-75-0340-30-30), chafe protector (P/N D44-7166-00-70) and ensure proper fitting of the hose. For the hose clamp installation, refer to the DA 40NG AMM Chapter 20-70-00.

2. OTHER DETAILS

To obtain satisfactory results, procedures specified in this service information letter must be accomplished in accordance with acceptable methods and current government regulations. Diamond Aircraft Industries Inc. cannot be responsible for the quality of work performed in accomplishing the requirements of this service information letter. Diamond Aircraft reserves the right to void continued warranty coverage in the area affected by this service information letter if it is not incorporated. If you no longer own the aircraft to which this service information letter applies, please forward it to the current owner and send the name of the current owner to Diamond Aircraft Industries Inc. at the address below.

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