

# ALERT SERVICE BULLETIN



**Service Bulletin No.:** DA20-28-04A  
**Title:** Inspection for Twisted Fuel Hoses

**Date Issued:** November 8, 2000  
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- 1. ATA Code:** 2800
  - 2. Effectivity:** All DA20 A1 Aircraft S/N 10002 - 10331
  - 3. General:** There has been a report of a twisted fuel hose inside the fuselage tunnel near the firewall. This situation arises from the bulkhead fuel fittings at the firewall not being held during fuel line removal and installation. This condition may lead to restricted fuel flow to the engine.
  - 4. Compliance:** **Compliance with this Alert Service Bulletin is urgently recommended.**  
**Accomplish at the next scheduled inspection, if there has been no instance of abnormal engine operation and/or fuel pressure indication.**  
**Accomplish before the next flight, if there have been unresolved instances of abnormal engine operation and/or fuel pressure indication.**
  - 5. Approval:** Not applicable
  - 7. Special Tools and Materials:** No special tools are required to carry out this inspection.
  - 8. References:** Maintenance Manual for the DA20 – A1 (Doc. DA 201)
  - 9. Accomplishment Instructions:**
    - 9.1.** Remove the inspection panel located on the co-pilot side the fuselage tunnel.
    - 9.2.** Using a flashlight and a mirror, inspect the fuel hoses that are routed through the tunnel and connect to the firewall. Reference figure 1.
    - 9.3.** If either of the hoses appear twisted or kinked, do not operate the aircraft. Replace the affected hose immediately.
    - 9.4.** If no abnormalities are found, no further action is required.

### **Warning**

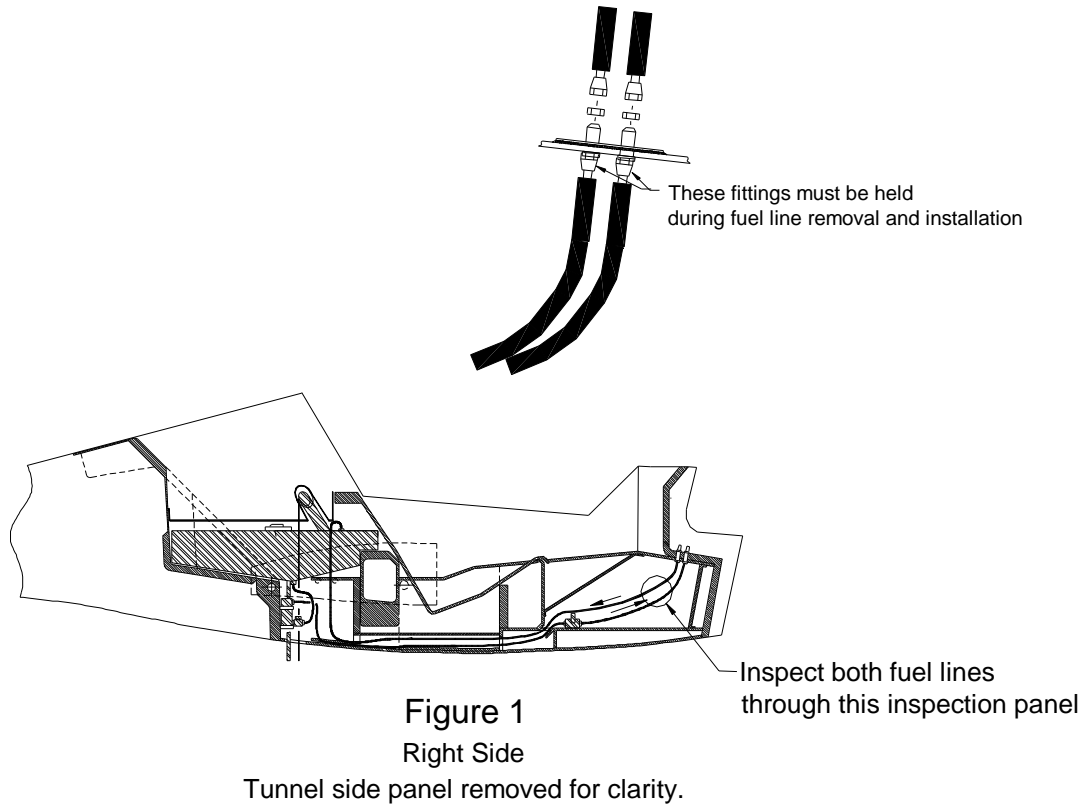
During any subsequent fuel system maintenance the firewall bulkhead fuel fitting must be properly held to prevent the fuel lines in the fuselage from becoming twisted.  
Reference figure 1.

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- 10. **Weight and Balance:** Not applicable
- 11. **Electrical Load Data:** Not applicable
- 12. **Credit:** Not applicable

**If you require any additional information on this Alert Service Bulletin contact  
Diamond Aircraft Customer Support  
(519) 457-4041**

*To obtain satisfactory results, procedures specified in this Service Bulletin must be accomplished in accordance with accepted 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 Bulletin. Diamond Aircraft reserves the right to void continued warranty coverage in the area affected by this Service Bulletin if it is not incorporated.*

*If you no longer own the aircraft to which this Service Bulletin 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.*