

SERVICE BULLETIN



Service Bulletin No.: DAC1-74-03 Rev 2

Date Issued: 09 March 2011

Title: Installation of Optional Push-to-Start Ignition Switch

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1. ATA Code: 7400

2. Effectivity: All DA20-C1 Aircraft.

3. General: This Service Bulletin offers an optional ignition switch with a push-to-start feature.
Revision 2 of this Service Bulletin changes the Effectivity from selected serial numbers to all DA20-C1 aircraft.

4. Compliance: Compliance with this Service Bulletin is optional.

5. Approval: Engineering data referenced or contained in this service bulletin is approved as part of the type design.

6. Labour: Approximately 1.5 hours will be required to accomplish this service bulletin.

This estimate is for direct labour performed by a technician and it does not include setup, planning, familiarization, cure time, part fabrication or tool acquisition.

7. Material:	Part Number	Description	Qty
	10-357210-1	Ignition	1

8. Special Tools: N/A

9. References: DA20-C1 Aircraft Maintenance Manual (AMM), Document No. DA201-C1.
DA20-C1 Airplane Flight Manual (AFM), Document No. DA202-C1.

10. Accomplishment Instructions:

- 10.1 Disconnect the aircraft battery. Refer to AMM Chapter 24-31-00.
- 10.2 Remove the instrument panel cover. Refer to AMM Chapter 25-10-00.
- 10.3 Open the START circuit breaker located on the left side of the instrument panel.
- 10.4 Remove the existing ignition switch from the instrument panel. Refer to AMM Chapter 74-00-00.
- 10.5 Install the new ignition switch (PN 10-357210-1). Refer to AMM Chapter 74-00-00. Attach the wires as shown in Figure 1.

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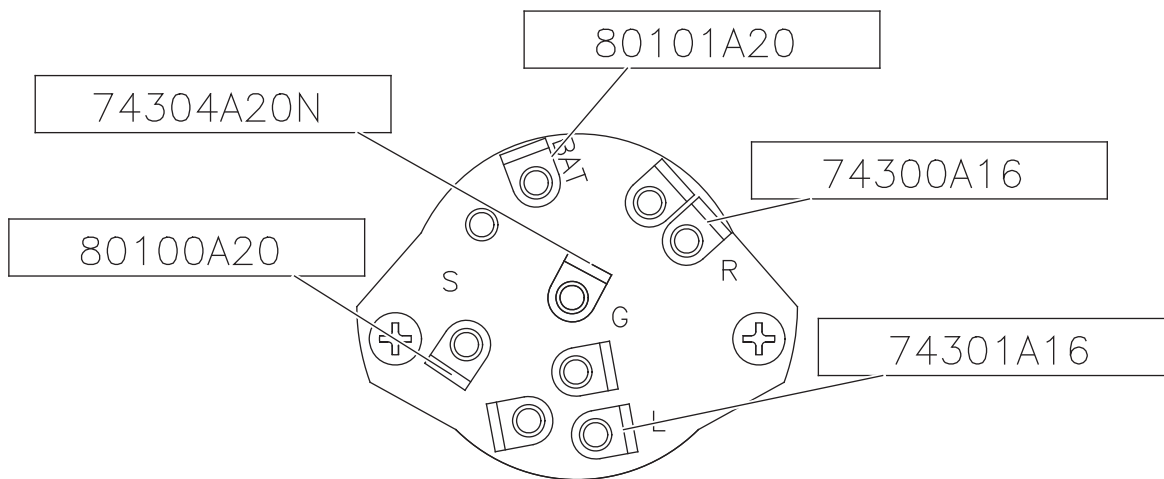
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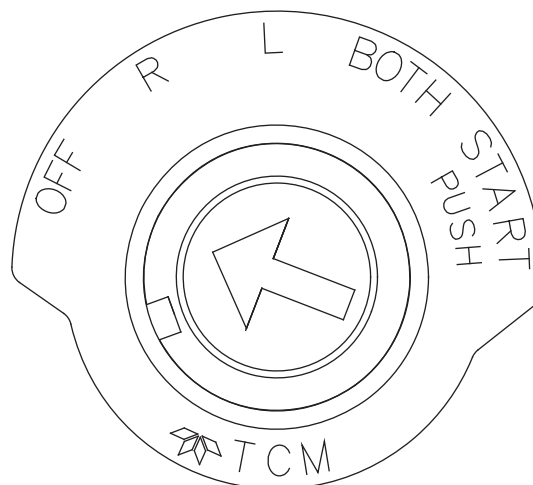
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NOTE: Remove the existing ignition switch face plate and install the new face plate supplied with the new ignition switch.



(Wire attachment for new ignition switch)



(Ignition switch with new face plate)

Figure 1 - Ignition Switch Installation

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- 10.6 Clean the work area and inspect for foreign objects.
 - 10.7 Install the instrument panel cover. Refer to AMM Chapter 25-10-00.
 - 10.8 Connect the aircraft battery. Refer to AMM Chapter 24-31-00.
 - 10.9 Close the START circuit breaker located on the left side of the instrument panel.
 - 10.10 Insert TR10-03 in DA20-C1 AFM, Document No. DA202-C1, Revision 25.
 - 10.11 Do a functional check of the push button starting system.
 - 10.12 Start the engine in accordance with the Aircraft Flight Manual.
 - 10.13 Make a log book entry that this Service Bulletin has been incorporated.

11. Weight and Balance: There is no impact to the weight and balance.

12. Availability: Contact Diamond Aircraft.

13. Electrical Load Data: There is no impact to the electrical load.

14. Credit: None.

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.

Diamond Aircraft Industries Inc., 1560 Crumlin Sideroad, London, Ontario, Canada N5V 1S2

Customer Support: Phone: (519) 457-4041 Fax: (519) 457-4045 E-mail: custsupp@diamondair.com
Technical Publications: Phone: (519) 457-4030 Ext. 3173 E-mail: techpubs@diamondair.com

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