

# SERVICE BULLETIN



**Service Bulletin No.:** D42L-34-01 Rev. 0

**Date Issued:** 15 Aug 2011

**Title:** G1000 System Software Version 1054.02  
Update for DA 42 L360 Aircraft

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- 1. ATA Code:** 3400
- 2. Effectivity:** All DA42 aircraft with TCCA STC SA09-54 or FAA STC SA02725NY installed.
- 3. General:** This Service Bulletin gives the following:
- A summary of approved software systems, manifests and configurations for the Garmin G1000-equipped Diamond DA42 L360 aircraft.
  - The authority to install Garmin Service Bulletin No. 1038, Revision B. This Garmin Service Bulletin provides information required to update the G1000-equipped Diamond DA42 L360 aircraft with new system software.
- NOTE: This Garmin software is a requirement for the installation of the Synthetic Vision/Pathways and WAAS (if desired) for all G1000-equipped Diamond DA42 L360 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 2.5 hours labour will be required to install the Garmin Software Service Bulletin, including testing and return-to-service.
- 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:** Software and concurrent documents can be obtained through your Garmin distributor.
- 8. Special Tools:** Not Applicable
- 9. References:** Garmin Service Bulletin No. 1038, Revision B - dated 9 Aug 2011.

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## 10. Accomplishment Instructions:

- 10.1 Install this software update in accordance with Garmin Service Bulletin No. 1038, Revision B, G1000 System Software Version 1054.02 Update for G1000-equipped Diamond DA42-L360 Aircraft.
- 10.2 DA42 L360 System Software Version 1054.02 Correlation Check  
  
Compare the installed software system and related manifests with the approved ones shown in the Table 1.  
  
NOTE: It is highly recommended to always use the latest approved software system with the related manifests.  
  
NOTE: The current installed system software version appears on the MFD splash screen during startup.
- 10.3 Insert Temporary Revision TR-10-01 (Garmin G1000 Avionics System) into the Airplane Flight Manual D42L-AFM-002.
- 10.4 Make a log book entry that this Service Bulletin has been incorporated.
- 10.5 System Software Version 1054.02 Manifest Configuration

Software Part Number	Approved Version	Software Component
<b>System</b>		
006-B1054-02	V1.00	DA42-L360 System *
<b>Manifest</b>		
006-B0544-2B	V5.65	GIA 6X Main System Software
006-D0425-05	V2.05	GIA 6X Audio
006-B0193-05	V2.07	GEA 7X System Software
006-B0203-41	V4.01	GMA 1347 System Software
006-B0223-09	V2.11	GRS77 System Software
006-B0224-00	V2.01	GMU44 System Software
006-B0261-12	V3.02	GDC 74 System Software

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Software Part Number	Approved Version	Software Component
006-B0319-75	V9.05	GDU 1XXX Software
006-B0172-XX	V5.01	GTX 33X Software
006-B0339-09	V3.1	GIA 6X GPS Software

Table 1 - Garmin System Software006-B1054-01

- 11. Weight and Balance:** This Service Bulletin has no impact to the weight and balance of the aircraft.
- 12. Availability:** Software and concurrent documents can be obtained through your Garmin distributor.
- 13. Electrical Load Data:** This Service Bulletin has no impact on 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.

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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.

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