

## SERVICE INFORMATION NO. SI 40-026

**NOTE:** SI's are used **only**:

- 1) To distribute information from DAI to our customers.
- 2) To distribute applicable information / documents from our suppliers to our customers with additional information.

Typically there is no revision service for SI's. Each new information or change of that will be send along with a new SI.

### I. TECHNICAL DETAILS

#### 1.1 Airplanes affected:

All DA 40 & DA 40 F aircraft equipped with the G1000 integrated avionics system

#### 1.4 Information:

Garmin has issued a Service Bulletin concerning the Garmin STC # SA01254WI.

### II. OTHERS

The Mandatory Service Bulletin No.: 0539 rev. b of Garmin is attached to this SI.

In case of doubt contact Garmin.



**\*\*MANDATORY\*\***  
**SOFTWARE SERVICE BULLETIN**  
**NO.: 0539 Revision B**

**TO:** All Garmin Aviation Service Centers

**DATE:** 03 November 2005

**SUBJECT:** G1000 System Software Version Update for Diamond DA40 & DA40 F Aircraft

**Revision B:** Technical Data has not changed from Software Service Bulletin 0539 Revision A, language has been adjusted at "APPROVAL", "PRODUCT AFFECTED", and "REFERENCES" to avoid confusion.

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**PURPOSE**

This G1000 Software Service Bulletin announces the availability of G1000 System Software Version 0369.08, for Diamond DA40 & DA40 F aircraft.

**DESCRIPTION**

This Software Service Bulletin provides information required to update G1000-equipped Diamond DA40 & DA40 F aircraft with the new system software version.

**APPROVAL**

G1000 system software version 0369.08 is FAA-approved for installation in accordance with STC # SA01254WI. The required configuration is documented in Master Drawing List, 005-C0004-00 Rev. Q, Section 2.3.

**AFMS AND PILOT'S GUIDE CONSIDERATIONS**

As a result of changes related to the system software version update, the documents listed in the following table are required to be issued to the aircraft operator/owner before the aircraft is returned to service.

<b>Document Title</b>	<b>Part Number</b>	<b>Revision</b>
Airplane Flight Manual Supplement: G1000 Integrated Avionics System In a Diamond Model DA40 & DA40 F	190-00303-02	Revision 8 or later revision
G1000 Cockpit Reference Guide for Diamond DA40	190-00324-03	Revision A or later revision

## **PRODUCT AFFECTED**

All G1000-equipped Diamond DA40 & DA40 F aircraft equipped with a Garmin G1000 system and with system software version prior to 0369.08.

## **COMPLIANCE**

**MANDATORY** for all product affected

## **REFERENCES**

The required documents are available from:

- [www.garmin.com](http://www.garmin.com), within the Dealer section of the web site
- Diamond Aircraft Industries-supplied CD-ROM

The following document is required to accomplish the update.

<b>Document Title</b>	<b>Part Number</b>	<b>Revision</b>
G1000 Field Update Instructions, Diamond DA40 & DA40F, Amendment 2	190-00544-01	Revision A or later revision

### Maintenance Documentation

The following document is required to maintain the airworthiness of G1000-equipped DA 40 aircraft with System Software 0369.08.

<b>Document Title</b>	<b>Part Number</b>	<b>Revision</b>
G1000 System Maintenance Manual – Diamond DA40 & DA40 F (Contains Instructions for Continued Airworthiness)	190-00545-00	Revision B or later revision

## **MANPOWER**

This Software Service Bulletin requires a maximum of one (1.0) hour labor including testing and return-to-service.

## **WARRANTY INFORMATION**

This modification is warranty reimbursable for the manpower listed above. When completing the Garmin warranty claim, be sure to include the aircraft serial number, the aircraft registration number, and clearly indicate that this Software Service Bulletin has been complied with, to ensure proper reimbursement.

## **MODIFICATION INSTRUCTIONS**

Perform the software upgrade referencing the entire G1000 Field Update Instructions, Diamond DA40 & DA40 F, Amendment 2 document, Garmin P/N 190-00544-01 Revision A or later revision.

## **TESTING PROCEDURE**

Perform the return to service and testing procedure according to the G1000 Field Update Instructions, Diamond DA40 & DA40 F, Amendment 2 document, Garmin P/N 190-00544-01 Revision A or later revision.

## **MATERIAL INFORMATION**

### G1000/DA40 Software Loader Card

To accomplish this update, the technician must have the new G1000/DA40 Loader Card, Garmin P/N 010-00369-08. A Diamond supplied CD-ROM containing G1000 System Software version 0369.08 may also be used to load software files to an SD Card, as an equivalent means of obtaining the required Loader Card.

<b>QTY</b>	<b>Part Number</b>	<b>Description</b>
1	010-00369-08	G1000 Software Loader Card (Diamond DA40) <i>*NOTE* This datacard carries a charge of \$50.00, which will be refunded upon return of the datacard to Garmin.</i>

## **ADDITIONAL INFORMATION**

N/A