

## SERVICE INFORMATION NO. SI 40-022

## SERVICE INFORMATION NO. SI D4-038

**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:

DA 40                    all Serial Numbers with GNS 430/420/400 and Main S/W versions 2.08 through 5.00 installed  
                             all Serial Numbers with GNS 530/500 and Main S/W versions through 6.00 installed  
                             all Serial Numbers with G1000 GDU with S/W versions through 5.00 installed

DA 40 D                all Serial Numbers with GNS 430/420/400 and Main S/W versions 2.08 through 5.00 installed  
                             all Serial Numbers with GNS 530/500 and Main S/W versions through 6.00 installed

#### 1.2 Subject:

Possible conflicting navigation information provided by Garmin GNS 430/420/400, GNS 530/500 and G1000 GDU when a 'Direct-to' waypoint is selected.

ATA-Code:    23-00 & 34-00

#### 1.3 Reason:

Garmin has issued a new "Service Alert" regarding the GNS 430/420/400, GNS 530/500 and G1000 GDU which can be installed in the DA 40 and the DA 40 D.



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#### **1.4 Information:**

For detailed information see Garmin's "Service Alert" which is applicable without any further additions or restrictions.

Please notice the Immediate Action Required in the Garmin "Service Alert".

## **II. OTHERS**

The "Service Alert" of Garmin is attached to this SI.

In case of doubt contact Diamond Aircraft Industries.



# **SERVICE ALERT**

## **DIRECT-TO WAYPOINT SELECTION**

Service Alert: 050721-00

### **AFFECTED PRODUCTS:**

- **GNS 430/420/400 Main S/W versions 2.08 through 5.00**
- **All GNS 530/500 Main S/W versions through 6.00**
- **All G1000 GDU S/W versions through 5.00**

### **ISSUE**

In certain limited circumstances, conflicting navigation information can be provided when a selected 'Direct-to' waypoint is also a waypoint in a loaded terminal/approach procedure.

### **IMMEDIATE ACTION REQUIRED**

This issue concerns only 'Direct-to' navigation to a waypoint that is already part of the loaded or active terminal/approach procedure. In this specific situation, the following applies:

- The 'Direct-to' waypoint must be selected **only** by highlighting that waypoint in the flight plan and pressing the 'Direct-to' key. Do **not** use any other method of entering the 'Direct-to' waypoint.

### **RESOLUTION**

This issue will be resolved with the update of the system software as follows:

- **GNS 430/420/400 Main S/W version 5.01**
- **All GNS 530/500 Main S/W version 6.01**
- **All G1000 GDU S/W version 5.01**