Diamond AIRCRAFT

Diamond Aircraft Industries G.m.b.H
N.A. Otto-Straße 5
A-2700 Wiener Neustadt

DAI SI 40-022
DAI SI D4-038
Page 1 of 2
01-Aug-2005
FT

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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DAI SI 40-022
DAI SI D4-038
Page 2 of 2
01-Aug-2005
FT

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**