

SERVICE INFORMATION NO. SI 42-054

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- 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 42

1.2 Subject:

Transponder Airborne Status
ATA-Code: 34-00

1.3 Reason:

Garmin has identified a problem with the software of the Garmin GTX 33 transponder.

1.4 Information:

Depending on the transponder configuration for "Flight ID" entry it has been found that the automatic airborne status determination may not work as expected. Software versions of the GTX 33 prior to v4.04 are affected by this issue.

If the transponder is configured for "PFD Flight ID Entry", the transponder does not switch automatically from Ground- to Altitude- and back to Ground-Mode and the pilot needs to manually select the desired mode of operation.

It can be easily determined if the transponder is configured for "PFD Flight ID Entry" by selecting the Timer/Reference Window on the PFD. If a field for Flight ID entry is present, then the automatic airborne status will not work.

REFERENCES			
TIMER	00:00:00	UP	START?
GLIDE	0KT		◀ OFF ▶
V _r	69KT		◀ OFF ▶
V _x	0KT		◀ OFF ▶
V _y	76KT		◀ OFF ▶
FLIGHT ID		N1234	— Flight ID



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II. OTHERS

In case of doubt contact Diamond Aircraft Industries.