

# OPTIONAL SERVICE BULLETIN NO. OSB 40-016/3 NO. OSB F4-002

SUPERSEDES OPTIONAL SERVICE BULLETIN  
NO. OSB 40-016/2

## I. TECHNICAL DETAILS

### 1.1 Category

Optional.

### 1.2 Airplanes affected

DA 40	all serial numbers.
DA 40 D	all serial numbers.
DA 40 F	40.F001 and subsequent, and 40.FC001 and subsequent

### 1.3 Date of Effectivity

The initial issue of the Service Bulletin became effective on: 27-Feb-2003.  
The revisions of the Service Bulletin do not change the effectivity date.

### 1.4 Time of Compliance

At owner's discretion.

### 1.5 Subject

Speed Kit, landing gear.

ATA-Code: 32-00

### **1.6 Reason**

A Speed Kit can be installed in order to reduce air drag.

### **1.7 Concurrent documents**

None.

### **1.8 Approval**

The technical information or instructions contained in this document relate to the Design Change Advisories no. OÄM 40-105 and OÄM 40-106 which have been approved under the authority of JAA Design Organization Approval No. MOT JA-01.

The technical information contained in this document has been approved under the authority of EASA Design Organization Approval No. EASA.21J.052.

### **1.9 Accomplishment/Instructions**

The Speed Kit must be installed in accordance with the Airplane Maintenance Manual, Doc. No. 6.02.01, Revision 4 or later.

### **1.10 Mass (Weight) and CG**

Not affected.

## **II. PLANNING INFORMATION**

### **2.1 Material & Availability**

NOTE: Part numbers in parenthesis must be used when ordering parts at Diamond Aircraft in North America.

<b><u>Qty</u></b>	<b><u>Description</u></b>	<b><u>Part Number</u></b>
1	Main landing gear brake unit fairing LH	60.0981 (DA4-3219-25-00)
1	Main landing gear brake unit fairing RH	60.0983 (DA4-3219-26-00)
1	Main landing gear speed fairing LH	60.0961 (DA4-3219-27-00)
1	Main landing gear speed fairing RH	60.0963 (DA4-3219-28-00)
1	Main landing gear fairing LH	60.0971 (DA4-3219-21-00)
1	Main landing gear fairing RH	60.0973 (DA4-3219-22-00)
1	Nose landing gear strut fairing	60.2001 (DA4-3229-29-00)
1	Main landing gear strut fairing LH	60.0991 (DA4-3219-23-00)
1	Main landing gear strut fairing RH	60.0993 (DA4-3219-24-00)
1	Nose landing gear mounting bracket	60.1500 (DA4-3229-30-01)
9 m (29.5 ft)	Rubber 9x6 mm	21.0900 (02506/2)
6	Safety nut with Polyamid	10.6560 (DIN 985-M5-A2)
6	Washer	10.7190 (DIN 9021-A2)
32	Polyamid washer	10.8935 (DIN 125A-M5-PA)

32	Rounded head screw	10.2452 (ISO 7380-M5x16-A2)
10	Hexagon bolt	10.0210 (DIN 933-M6x16-YZP)
24	Washer	10.7530 (DIN 9021-M6-ZP)
4	Rounded head screw	10.4300 (DIN 985-M3x10-ZP)
4	Polyamid washer	11.1985 (DIN 125A-M3-PA)
8	Nut	10.6559 (DIN 985-M4-A2)
8	Washer	10.7110 (DIN 9021-M4-A2)
8	Rounded head screw	10.2458 (ISO 7380-M4x12-A2)
0.15 m (5.9 in)	Rubber, soft	21.0490

All parts can be ordered from Diamond Aircraft Industries GmbH or from your local General Distributor or Diamond Service Center.

## **2.2 Special Tools**

No special tools are required.

## **2.3 Labor effort**

4.5 hours.

## **2.4 Credit**

None.

## **2.4 Reference documents**

Diamond Aircraft DA 40 Series Airplane Maintenance Manual, Doc. No. 6.02.01, Revision 4 or later.

## **III. REMARKS**

1. The work must be carried out by the manufacturer, a certified aircraft service station or a certified aircraft maintenance mechanic.
2. Accomplishment of the measures must be confirmed in the log book.
3. In case of doubt, contact Diamond Aircraft.