

# SERVICE INFORMATION LETTER



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## SERVICE INFORMATION LETTER NO. SIL20C1-004

NOTE: Service Information Letters are used only:

1. To distribute information from Diamond Aircraft Industries (DAI) to our customers.
2. To distribute applicable information/documents from our suppliers to our customers with additional information.

NOTE: Typically there is no revision service for SILs. Each new information or change will be sent along with a new SIL.

### 1. TECHNICAL DETAILS

#### 1.1 Aircraft Affected

ALL DA20-C1 aircraft.

#### 1.2 Subject

Wheel Assemblies: Application of wheel bearing grease prior to the installation of the grease seals instead of the use of oil (as previously recommended by Parker Aerospace).

#### 1.3 Reason

Parker Aerospace recommends that the grease seals of the wheel assemblies are to be coated lightly with wheel bearing grease prior to installation. This is to prevent the possible premature corrosion of the wheel assemblies. The oil that was used to coat the grease seals can be washed away during general cleaning of the aircraft and allow moisture to be trapped in the inner wheel housing.

NOTE: Do not mix aviation wheel bearing greases with each other. If using other approved grease, complete removal of contained grease and bearing cleaning is required. Replacement of previously lubricated felt grease seals is also required. Make sure that the bearings and grease seal have the same bearing grease applied. Refer to the Parker Aerospace Component Maintenance Manual (CMM) No. AWBCMM0001-7 for further information.

#### 1.4 Information

Refer to the Parker Aerospace CMM AWBCMM0001-7 and the Parker Aerospace Product Reference Memo PRM73. The changes have been incorporated in Rev 17 of DA20-C1 Aircraft Maintenance Manual No. DA201-C1 dated 09 August 2010.

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## 2. OTHERS

Contact DAI or your local authorized Diamond Service Center.

To obtain satisfactory results, procedures specified in this service information letter must be accomplished in accordance with accepted methods and current government regulations. Diamond Aircraft Industries Inc. cannot be responsible for the quality of work performed in accomplishing the requirements of this service information letter. Diamond Aircraft reserves the right to void continued warranty coverage in the area affected by this service information letter if it is not incorporated. If you no longer own the aircraft to which this service information letter applies, please forward it to the current owner and send the name of the current owner to Diamond Aircraft Industries Inc. at the address below.

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