

# **AEROPRAKT SERVICE BULLETIN**

## **No. SB A32-14**

### **INSTALLATION OF HEAT SCREENS OF THE REAR ENGINE RUBBER MOUNTS OF A32 AND A32L AIRPLANES**

#### **Repeating symbols:**

Please, pay attention to the following symbols throughout this document marking important information.

- ▲ **WARNING:** Identifies an instruction, which if not followed may cause serious injury or even death.
- **CAUTION:** Denotes an instruction, which if not followed, may cause severe damage.
- ◆ **NOTE:** Information useful for better handling.

**Release date: 10.02.2023**

**Effective date: 10.02.2023**

**Completion date:**

**Superseded notice: none**

**Model: A32 and A32L**

**Serial number(s) affected: All A32 aircraft from #002 to and including #215  
(excluding #213)**

**All A32L aircraft from #002 to and including #025**

**1) Planning information****1.1) Aircraft affected**

- ◆ It is recommended to plan and accomplish the work of this SB together with the work of SB A32-15 (if necessary) to reduce the total amount of work.

All A32 aircraft from #002 to and including #215 (excluding #213) and all A32L aircraft from #002 to and including #025.

**1.2) Reason**

Intensive wear of the rear rubber shock absorbers of the engine mount due to the heat from the exhaust system elements.

**1.3) Subject**

The rear rubber shock absorbers of the engine mount.

**1.4) Compliance**

Compliance with this service bulletin is mandatory for reasons of flight safety!

**1.5) Approval**

The technical content of this Information Bulletin has been approved by Aeroprakt.

**1.6) Manpower**

Estimated manpower is 1.5 man-hours without replacing the rear rubber shock absorbers and 5 man-hours with replacement.

**1.7) Mass data**

Mass change – insignificant (+60 grams).

**1.8) Revision of other documents**

None

**2) Spare parts information****2.1) Spare parts**

A set of the rear rubber shock absorbers' screens is available from the local dealer.

**2.2) Spare parts cost**

A set of the rear rubber shock absorbers' screens is supplied to the local dealer free of charge.

**2.3) Special tools / primer**

Torque wrench.

### 3) Accomplishment / Instructions

▲ **Failure to accomplish this work may cause complete disintegration of the rear rubber shock absorbers of the engine mount in flight.**

3.1) Remove the upper and lower engine cowlings.

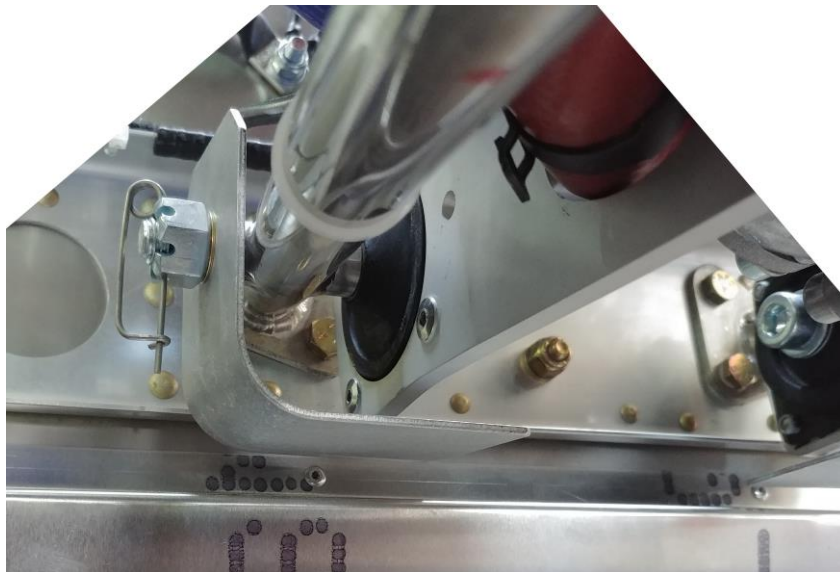
3.2) Remove the exhaust system without removing the exhaust gas temperature sensors from the exhaust pipes (if any).

3.3) Inspect the rear rubber shock absorbers for cracks and replace if necessary. Contact your local dealer on all issues regarding this replacement.

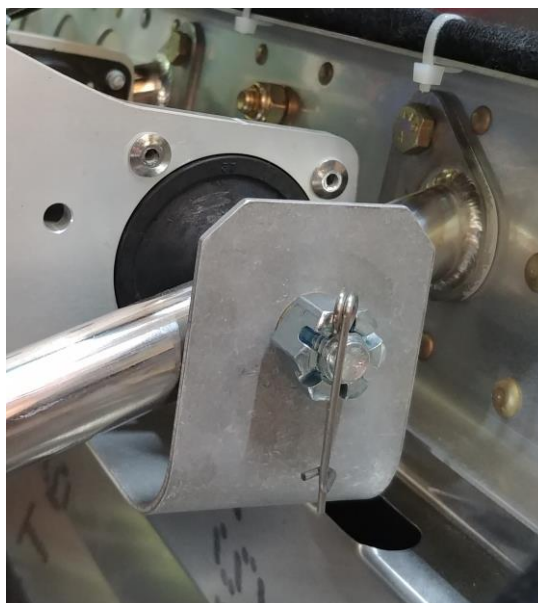
3.4) Install the heat screens on the left and right side as shown in Photo 1 for the right side and Photo 2 for the left side. The tightening torque of the M10 nuts is 20-25 Nm.

3.5) Re-install the exhaust system. The tightening torque of the M8 nuts is 15 Nm.

3.6) Re-install the upper and lower engine cowlings.



**Photo 1**



**Photo 2**