



Sling Aircraft (Pty) Ltd
Registration no 2002/022837/07
Approved Maintenance Organisation AMO1264
Manufacturing Organisation M677

Hangar 8 Tedderfield Airpark
Nettleton Road Eikenhof
Johannesburg 1872
South Africa

PO Box 308
Eikenhof
Johannesburg 1872
South Africa

[T]+27 (0) 11 948 9898
[F]+27 (0) 86 632 4493
sales@slingaircraft.com
www.slingaircraft.com

NOTIFICATION

#0012

(Sling Aircraft (Pty) Ltd. considers compliance with all Notifications mandatory)

RELEASE DATE: 14/06/2024
EFFECTIVE DATE: 14/06/2024
SUBJECT: Equivalent hardware for Service Bulletin 24 and thread inspection
MODELS AFFECTED: All Sling aircraft affected by Service Bulletin 24
COMPLIANCE TIME: Immediately

1. DESCRIPTION AND PURPOSE:

This notification serves to inform customers that the hardware for service bulletin 24 has been updated. The service bulletin initially used a Nyloc nut as part of the hardware used to attach the throttle cable clevis to the throttle lever. This has been updated to a castle nut and split pin. These hardware kits are equivalent and either may be used.

This notification is also to inform customers that it appears that a small percentage of the threaded rods that the clevis screws onto are marginally under- sized, which may result in stripping the thread should the clevis be over tightened when tightening the clevis and its lock nut. In such cases the rod with undersize thread should be replaced with a correctly sized part.

1.1. MASS DATA:

N/A

1.2. ELECTRICAL LOAD DATA:

N/A

1.3. SOFTWARE MODIFICATIONS:

N/A

1.4. REFERENCES:

a) Service Bulletin 24

1.5. PUBLICATIONS AFFECTED:

N/A

2. MATERIAL INFORMATION:

2.1. PARTS AND CONSUMABLES LIST:

N/A

2.2. TOOLS REQUIRED:

- a) Vernier calliper

2.3. MATERIAL RESPONSIBILITY:

N/A

2.4. COMPANY SUPPORT INFORMATION:

Make use of the following contact details for any related queries:
airworthiness@slingaircraft.com or technical@slingaircraft.com.

3. INSTRUCTIONS:

Equivalent hardware:

Either hardware kit (being “Hardware kit 1” set out in Service Bulletin 24, or Hardware kit 2 set out below) may be used when installing the new throttle cable as prescribed in Service Bulletin 24. Both hardware sets are equivalent. Table 1 contains the two equivalent hardware kits.

Table 1: equivalent hardware kits for throttle cable assembly.

Hardware kit 1	Hardware kit 2
a) 2 x HW-CPN-212-X-X-0 – Split pin for an AN 3 bolt.	a) 2 x HW-CPN-212-X-X-0 – Split pin for an AN 3 bolt.
b) 1 X CF-BSH-003-X-A-1 – Bolt Bush for Throttle Quadrant Cable	b) 1 X CF-BSH-003-X-A-1 – Bolt Bush for Throttle Quadrant Cable
c) 1 X CF-BKT-038-R-X-0 – Throttle Quadrant Plate – Right (for Sling 2, Sling LSA and Sling 4 TSi)	c) 1 X CF-BKT-038-R-X-0 – Throttle Quadrant Plate – Right (for Sling 2, Sling LSA and Sling 4 TSi)
d) 1 X CF-BKT-038-L-X-0 – Throttle Quadrant Plate – Right (for Sling 4 High Wing only)	d) 1 X CF-BKT-038-L-X-0 – Throttle Quadrant Plate – Right (for Sling 4 High Wing only)
e) 1 X HW-ANL-031-R-X-0 – Low profile lock nut for AN 3 bolt.	e) 1 X HW-ANL-031-R-X-0 – Low profile lock nut for AN 3 bolt.
f) 1 X CT-CBL-S01-X-F-0 – Throttle Cable Complete Assembly (the same cable assembly is used for Sling 2, Sling LSA and Sling 4 TSi).	f) 1 X CT-CBL-S01-X-F-0 – Throttle Cable Complete Assembly (the same cable assembly is used for Sling 2, Sling LSA and Sling 4 TSi).
g) 1 X CT-CBL-S07-X-G-0 – Throttle Cable Complete Assembly (this cable assembly is used for Sling 4 High Wing only).	g) 1 X CT-CBL-S07-X-G-0 – Throttle Cable Complete Assembly (this cable assembly is used for Sling 4 High Wing only).
h) 2 X HW-RIV-153-X-X-0 – M4 x 10 mm aluminium rivets	h) 2 X HW-RIV-153-X-X-0 – M4 x 10 mm aluminium rivets
i) 1 X HW-ANB-307- X-X-0 – AN3-7A bolt	i) 1 X HW-ANB-306-H-X – AN3-6A bolt
j) 3 X HW-RNM-400-X-X-0 - M4 Rivnuts	j) 3 X HW-RNM-400-X-X-0 - M4 Rivnuts
	k) 1 X HW-ANC-300-X-X – AN3 castle nut

When installing the clevis using Hardware kit 2, it is attached using the castle nut and split pin as seen in Figure 1.

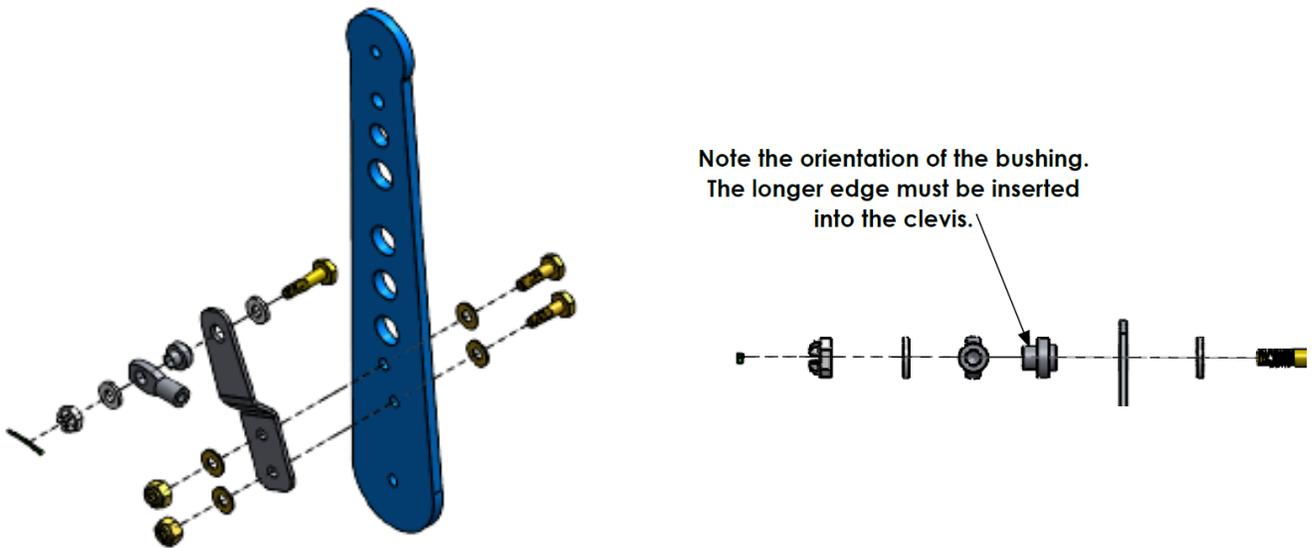
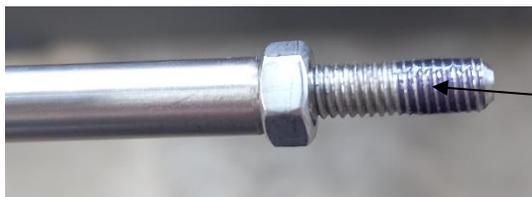


Figure 1

Thread inspection:

Prior to installing the throttle cable, measure the diameter of the thread on the rod that the clevis screws onto. The diameter of the threaded section of the rod should be between 4.82 and 4.98mm. Should the diameter fall outside of this range, there is the potential to strip the thread of the rod when tightening the clevis assembly. Should the thread be outside of the range please contact sling aircraft, using: technical@slingaircraft.com, to arrange a replacement part.



Use a vernier calliper and measure the diameter of the threaded section. It must be a value between 4.82 and 4.98 mm.

Figure 2

Signed on this the 11th day of June 2024

JAL Pitman

ACCOUNTABLE MANAGER
MR JAMES PITMAN