

Temporary Maintenance Instruction TMI 189-050

Rotating scissors - Detailed inspection

All AW189 Helicopters

The technical content of this document is approved under the authority of DOA nr. EASA.21J.005.

The present TMI will be evaluated for its introduction in the standard set of Technical Publication.

If no further notice is received, the present document expires on: May 9th 2023.

2022-05-09

Introduction

The purpose of this Temporary Maintenance Instruction is to give you the evidence of the new procedure applicable to All AW189 Helicopters DM 89-A-62-31-02-00A-31AA-B - Rotating scissors
- Detailed inspection

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Rotating scissors - Detailed inspection

Table of contents

References 1

Preliminary requirements 2

Procedure 3

Requirements After Job Completion 4

List of tables

1 References 1

2 Access points 2

3 Zones 2

4 Required Conditions 2

5 Support Equipment 2

6 Supplies 2

7 Spares 3

List of figures

1 Rotating scissors - Detailed inspection 5

References

Table 1 References

Data Module	Title
89-A-00-60-00-00A-010A-A	Critical parts - General data
89-A-62-31-02-00A-520A-A	Rotating scissors - Remove procedure
89-A-62-31-02-00A-530A-B	Rotating scissors - Disassemble procedure
89-A-62-31-02-00A-710A-B	Rotating scissors - Assemble procedure
89-A-62-31-02-00A-720A-A	Rotating scissors - Install procedure

Table 2 Access points

Access Panel / Door Id	Data Module
None	

Table 3 Zones

Zone ID	Data Module
None	

Preliminary Requirements

Required Conditions

Table 4 Required Conditions

Conditions	Data Module/Technical Publication
The rotating scissors must be removed.	89-A-62-31-02-00A-520A-A
The rotating scissors must be disassembled.	89-A-62-31-02-00A-530A-B

Support Equipment

Table 5 Support Equipment

Nomenclature	Identification No.	Qty
10-power magnifying glass	ZZ-00-00	1
Light source	ZZ-00-00	1
Mirror	ZZ-00-00	1

Supplies

Table 6 Supplies

Nomenclature	Identification No.	Qty
Lint-free cloth	C011	AR
Cleaning solvent	C010	AR

Spares

Table 7 Spares

Nomenclature
No Spares

Safety Conditions

WARNING

The **Cleaning solvent (C010)** is a dangerous material. Before you do this procedure, make sure that you know all the safety precautions and first aid instructions for the cleaning solvent.

CAUTION

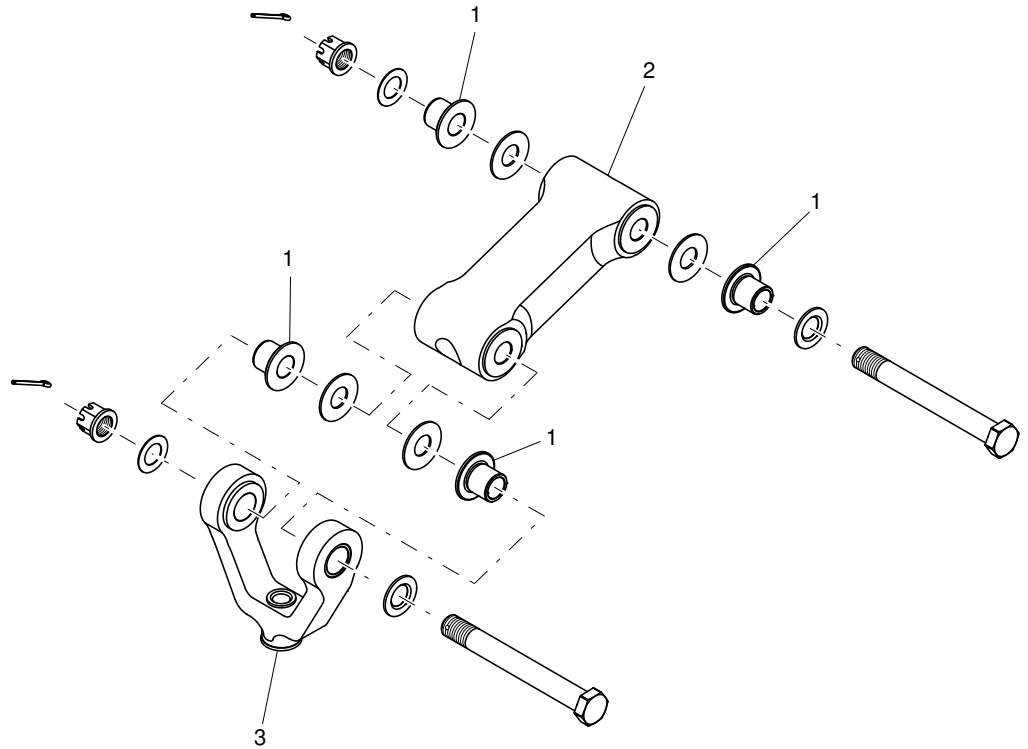
These components are critical parts. Be careful when you do work on the components after removal from the helicopter. A damage to the component can occur if you are not careful. Refer to **89-A-00-60-00-00A-010A-A**.

Procedure

- 1 In this procedure, where necessary, use the **10-power magnifying glass (ZZ-00-00)** , the **Light source (ZZ-00-00)** and the **Mirror (ZZ-00-00)** .
- 2 The detailed inspection on the rotating scissors includes:
 - The top rotating scissors (2, **Figure 1**)
 - The bottom rotating scissors (3)
 - The flanged bushings (1).Put these components on an applicable work table.
- 3 Clean the rotating scissors components with the **Lint-free cloth (C011)** and the **Cleaning solvent (C010)** .
- 4 Examine the top rotating scissors (2) and their bushes for damage, wear and fretting corrosion.
- 5 If you find signs of damage, wear of fretting corrosion, tell the Manufacturer.
- 6 Examine the bottom rotating scissors (3) and their bushes damage, wear and fretting corrosion.
- 7 If you find signs of damage, wear of fretting corrosion, tell the Manufacturer.
- 8 Examine the flanged bushings (1) for wear and fretting corrosion.
- 9 If you find signs of wear or fretting corrosion, replace the flanged bushings (1).

Requirements After Job Completion

- 1 Remove all the tools and the other items from the work area. Make sure that the work area is clean.
- 2 Assemble the rotating scissors. Refer to [89-A-62-31-02-00A-710A-B](#)
- 3 Install the rotating scissors. Refer to [89-A-62-31-02-00A-720A-A](#)



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Figure 1 Rotating scissors - Detailed inspection

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End of Data Module