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# **Airbus A350 NLG Tooling Catalogue**

**A350 800/-900 NLG PN: 4816A0000-06  
A350-1000 NLG PN: 6406A0000-01**

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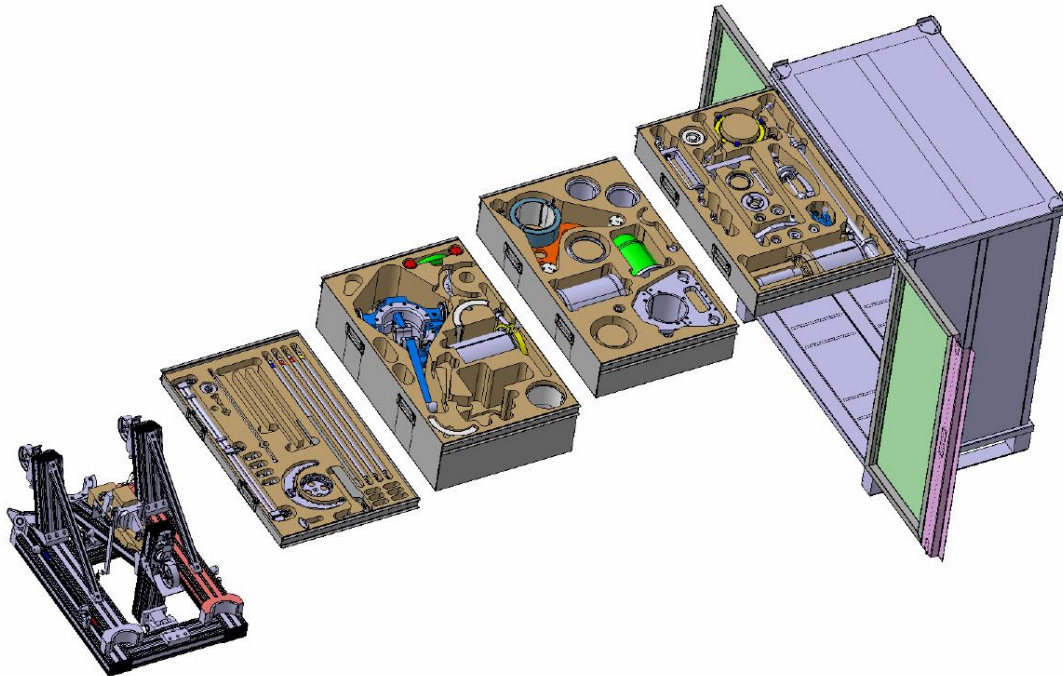
**Technical Presentation**

# **LIEBHERR**

**Liebherr-Aerospace Lindenberg**

## Function: Special tools for specific tasks on A350 NLG

- NOTE: GSE PN: 6904A0000-01 valid for A350 NLG -800/-900/-1000, Procurable @ Liebherr Aerospace
- GSE PN: 6260A0000-01 valid for A350 NLG -800/-900 only (Non Procurable, replaced by PN: 6904A0000-01)



- BOX Dimensions : 1578mm x 1324mm x 836 mm
- Total Box Weight (including all tools) approx. : 360 Kg



4816A0000-06



6406A0000-01

Ref.: TEM 6904A0000-01  
TEM 6904A0000-01 in Process  
Ref.: TEM 6260A0000-01  
TEM available

# Parts List Tool Set A350 GSE -800 / -900 / -1000



4816A0000-06



6406A0000-01

Pos.	Part Number	Tool Name
1	6904A9700-01	TRANSPORT CASE
2	5035-0201W50	SLEEVE
3	5311A0000-01	GROUND LOCK PIN
4	6026-4101	PROTECTING COVER
5	6026-4102	PROTECTING COVER
6	6026A4400-01	CLAMPING FIXTURE
7	6260-0002	ASSEMBLY PUNCH
8	6260-0003	SOCKET WRENCH
9	6260-0005	SOCKET WRENCH
10	6260A0100-01	ASSEMBLY TOOL
11	6904A0100-01	ASSEMBLY TOOL
12	6260A0200-01	ASSEMBLY TOOL
13	6260A0300-01	ASSEMBLY TOOL
14	6260A0400-01	SOCKET WRENCH
15	6260A0500-01	GUIDE BOLT
16	6260A0600-01	GUIDE BOLT
17	6260A0700-01	PULLER
18	6260A0800-01	SOCKET WRENCH
19	6260B0900-01	REMOVING TOOL
20	6260A1000-01	PULLER EXTRACTING TOOL
21	6904A2000-01	ASSEMBLY TOOL
22	6260-0001	ASSEMBLY TOOL
23	6260A3000-01	PROTECTING COVER, ASSY
24	6260A4000-01	TOOL DRAWING TOOL

Pos.	Part Number	Tool Name
25	6260B5100-01	REMOVING TOOL
26	6904A1100-01	GUIDE BLOCK
27	6260A6500-01	INSTALLING TOOL
28	6260A6800-01	INSTALLATION JIG
29	6260A6600-01	REMOVING TOOL
30	6260A6000-01	INSTALLING TOOL
31	6260A7000-01	HOLDING TOOL
32	6260A8000-01	HOLDING FIXTURE
33	6260A9000-01	EXTRACTING TOOL
34	6260A6700-01	REMOVING TOOL
35	6904A5200-01	GUIDE BLOCK
36	5035-0020W01	MOUNTING SLEEVE
37	5035-0023W01	SEAL MOUNTING TOOL
38	5665A0000-01	MOUNTING DEVICE
39	5814A0000-01	SEAL MOUNTING TOOL
40	5677-0001	MOUNTING SLEEVE
41	5815A0000-01	MOUNTING DEVICE
42	5807A0000-01	MOUNTING DEVICE
43	5035-0043W01	INSTALLING TOOL
44	6260A6900-01	LIFTING GEAR
45	6904A9100-01	EXTENSION
46	6286A0000-01	SPECIAL SPANNER
47	6287A0000-01	SPECIAL SPANNER
48	6904A9000-01	PULLER EXTRACTING TOOL

# Task and GSE tool allocation (overview 1 of 2)



4816A0000-06



6406A0000-01

Part Number	Tool Name	R/I Drag Stay
5311A0000-01	GROUND LOCK PIN	X
6026A4400-01	CLAMPING FIXTURE	X
6260A0100-01	ASSEMBLY TOOL	X
6260A0200-01	ASSEMBLY TOOL	X
6904A2000-01	ASSEMBLY TOOL	X
6260A8000-01	HOLDING FIXTURE	X

NOTE on  
Page 5

Part Number	Tool Name	R/I Retraction Actuator
5311A0000-01	GROUND LOCK PIN	X
6260A0500-01	GUIDE BOLT	X
6260A0800-01	SOCKET WRENCH	X
6260B0900-01	REMOVING TOOL	X

Part Number	Tool Name	R/I Torque Links
5311A0000-01	GROUND LOCK PIN	X
6260-0002	ASSEMBLY PUNCH	X
6260A0300-01	ASSEMBLY TOOL	X
6260A1000-01	PULLER EXTRACTING	X
6904A2000-01	ASSEMBLY TOOL	X
6260-0001	ASSEMBLY TOOL	X
6260A8000-01	HOLDING FIXTURE	X

Part Number	Tool Name	R/I Steering Actuator
5311A0000-01	GROUND LOCK PIN	X
6260-0005	SOCKET WRENCH	X
6260A0400-01	SOCKET WRENCH	X
6260A0600-01	GUIDE BOLT	X
6260A0700-01	PULLER	X
6260A3000-01	PROTECTING COVER, A	X
5665A0000-01	MOUNTING DEVICE	X
6904A9000-01	PULLER EXTRACTING T	X

Part Number	Tool Name	R/I Shock Strut
5311A0000-01	GROUND LOCK PIN	X
6026-4101	PROTECTING COVER	X
6026-4102	PROTECTING COVER	X
6260A0400-01	SOCKET WRENCH	X
6260B5100-01	REMOVING TOOL	X
6260A6500-01	INSTALLING TOOL	X
6260A6800-01	INSTALLATION JIG	X
6260A6600-01	REMOVING TOOL	X
6260A6000-01	INSTALLING TOOL	X
6260A7000-01	HOLDING TOOL	X
6904A5200-01	GUIDE BLOCK	X
5035-0043W01	INSTALLING TOOL	X

Part Number	Tool Name	Strut Assembly
5035-0201W50	SLEEVE	X
5311A0000-01	GROUND LOCK PIN	X
6026-4101	PROTECTING COVER	X
6260A9000-01	EXTRACTING TOOL	X
6260A6700-01	REMOVING TOOL	X
5035-0020W01	MOUNTING SLEEVE	X
5035-0023W01	SEAL MOUNTING TOOL	X
5814A0000-01	SEAL MOUNTING TOOL	X
5677-0001	MOUNTING SLEEVE	X
5815A0000-01	MOUNTING DEVICE	X
5807A0000-01	MOUNTING DEVICE	X

# Task and GSE tools allocation (overview 2 of 2)

✓	4816A0000-06
✓	6406A0000-01

Part Number	Tool Name	Wheel Change
5311A0000-01	GROUND LOCK PIN	X
6026-4102	PROTECTING COVER	X
6260-0003	SOCKET WRENCH	X
6904A9100-01	EXTENSION	X

Part Number	Tool Name	R/I Springs
5311A0000-01	GROUND LOCK PIN	X
6260A4000-01	TOOL DRAWING TOOL	X

Part Number	Tool Name	Servicing
5311A0000-01	GROUND LOCK PIN	X
6904A1100-01	GUIDE BLOCK	X

Part Number	Tool Name	R/I Uplock Roller
5311A0000-01	GROUND LOCK PIN	X
6286A0000-01	SPECIAL SPANNER	X

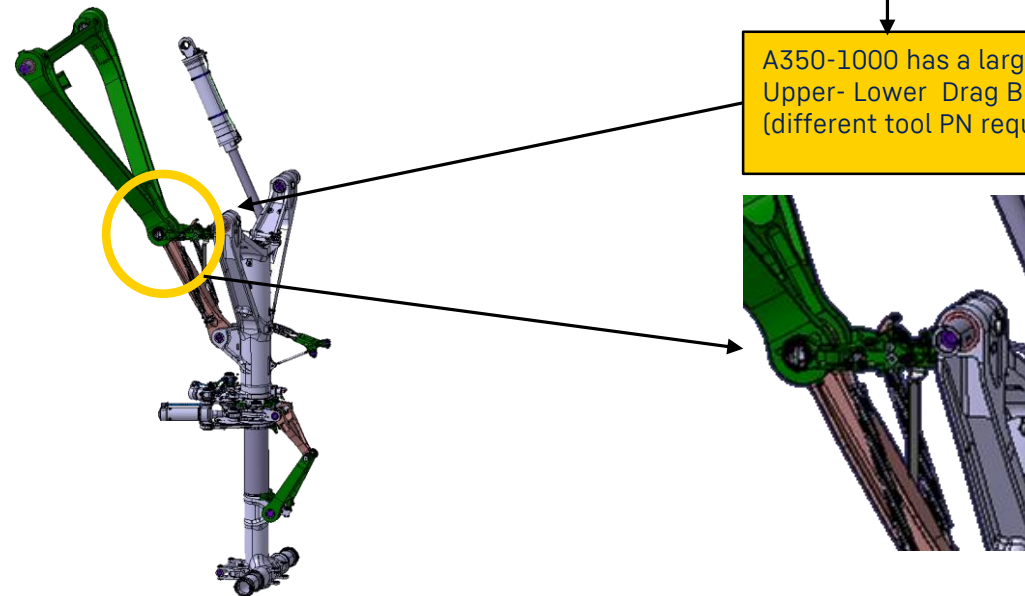
Part Number	Tool Name	Transport
6260A6900-01	LIFTING GEAR	X

Part Number	Tool Name	R/I SCOV
6904A9000-01	PULLER	X
5665A0000-01	MOUNTING DEVICE	X

Part Number	Tool Name	R/I Drag Stay
5311A0000-01	GROUND LOCK PIN	X
6026A4400-01	CLAMPING FIXTURE	X
6260A0100-01	ASSEMBLY TOOL	X
6260A0200-01	ASSEMBLY TOOL	X
6904A2000-01	ASSEMBLY TOOL	X
6260A8000-01	HOLDING FIXTURE	X

**NOTE**

**NOTE:**  
 ASSEMBLY TOOL PN 6260A0100-01 for 800/900  
 ASSEMBLY TOOL PN 6904A0100-01 for -1000



A350-1000 has a larger bore diameter on Upper- Lower Drag Brace / Lock Link (different tool PN required - 6904A0100-01)

A350 NLG Liebherr Tooling Catalogue  
**A350 Case PN: 6904A9700-01**

✓	4816A0000-06
✓	6406A0000-01

*Ref.: -800/900 Case TEM 6904A9800-01 (for PRE 6260A0000-01)  
Ref.: -1000 Case TEM 6904A9700-01 (for POST 6904A0000-01)  
No specific CMM / CRM reference number*

Function: Transport of GSE



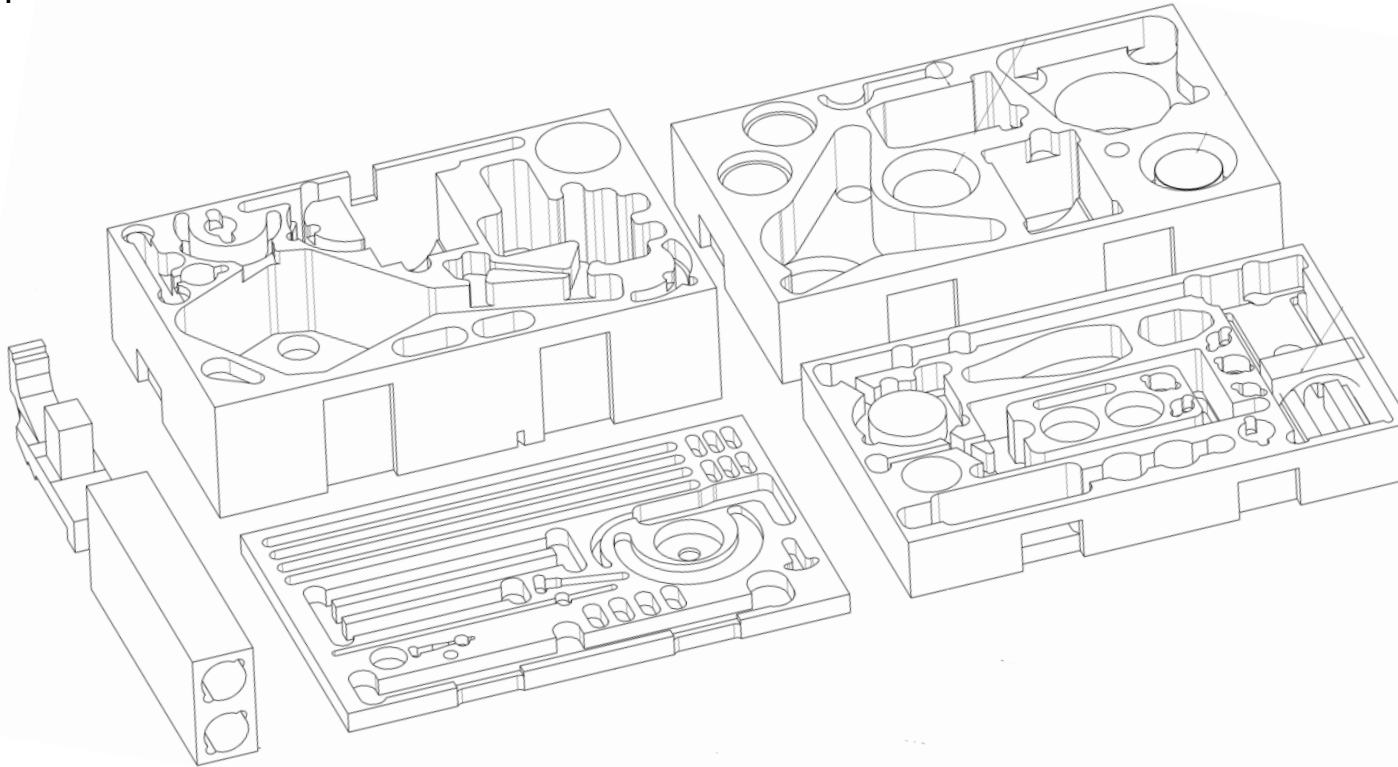
# A350 Mould PN: 6904A9900-01

✗	Line Maintenance	✓	4816A0000-06
✓	Heavy Maintenance	✓	6406A0000-01

*Ref.: TEM 6260A0000-01  
No specific CMM / CRM reference number*

Function: To keep and protect GSEs in box

- Part of Transport Case PN: 6904A9800-01



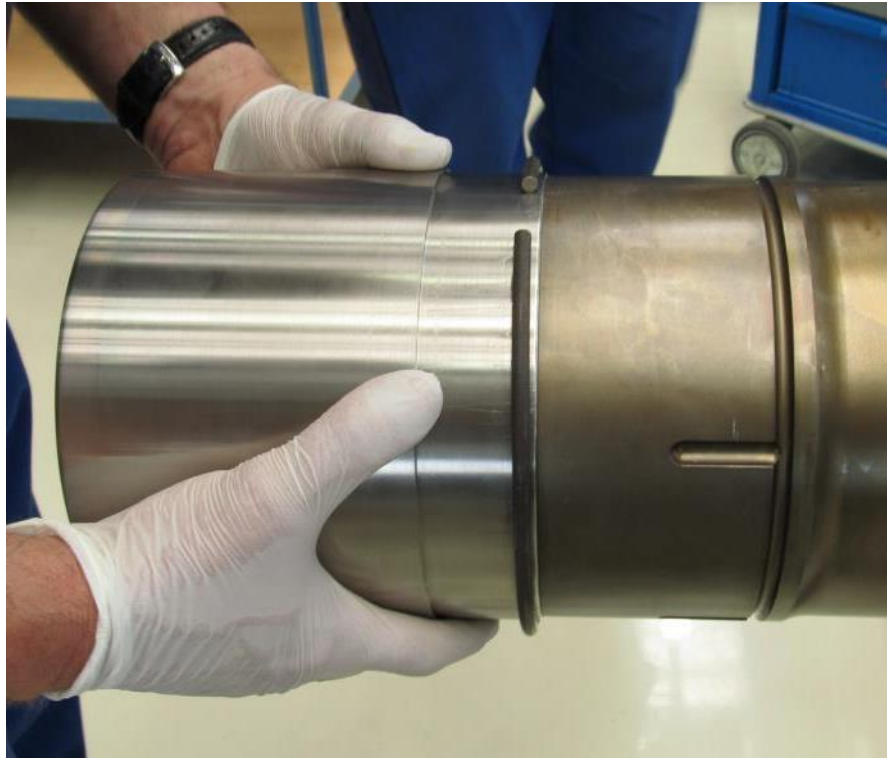
# A350 NLG Liebherr Tooling Catalogue

## Sleeve PN: 5035-0201W50

✗	Line Maintenance	✓	4816A0000-06
✓	Heavy Maintenance	✓	6406A0000-01

**Ref.: TEM 5035-0201**

Function: To install slotted ring on main fitting





# A350 NLG Liebherr Tooling Catalogue

## Ground Lock Pin PN: 5311A0000-01

✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 5311A0000-01

Function: To lock NLG on ground



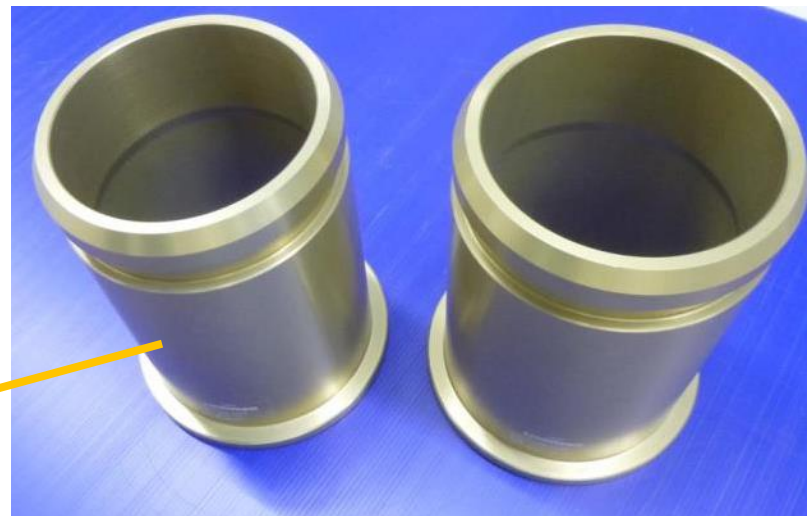
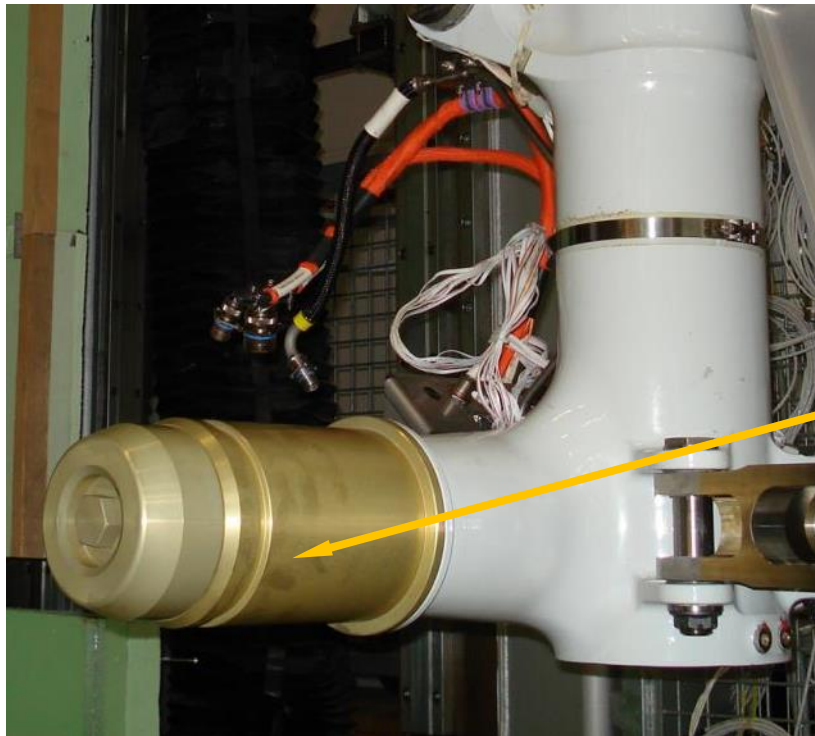
# A350 NLG Liebherr Tooling Catalogue

## Protecting Cover PN: 6026-4101

✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6026-4101

Function: To protect wheel axle



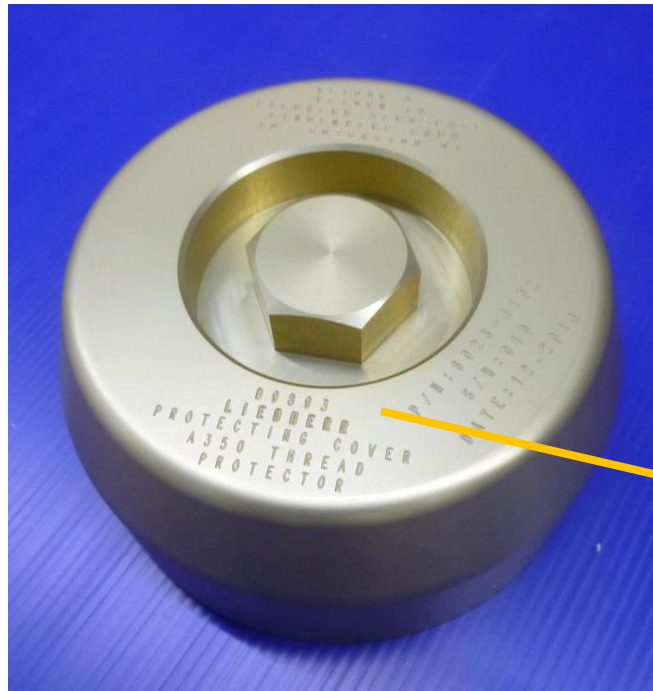
# A350 NLG Liebherr Tooling Catalogue

## Protecting Cover PN: 6026-4102

✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6026-4102

Function: To protect axle thread



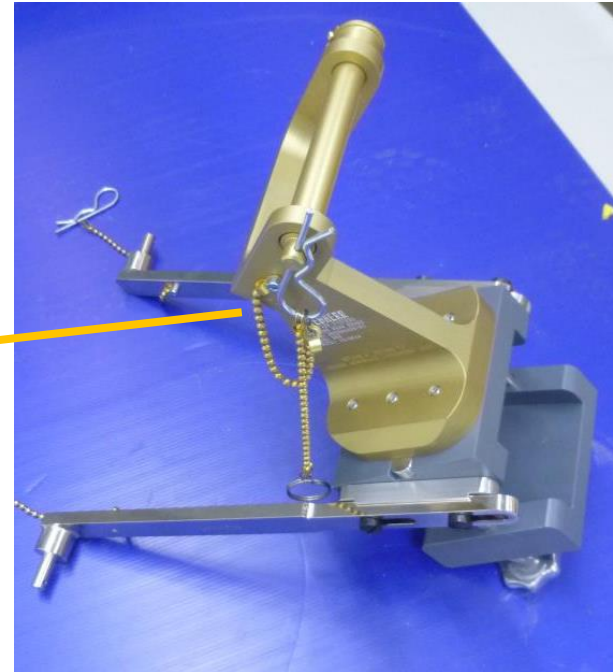
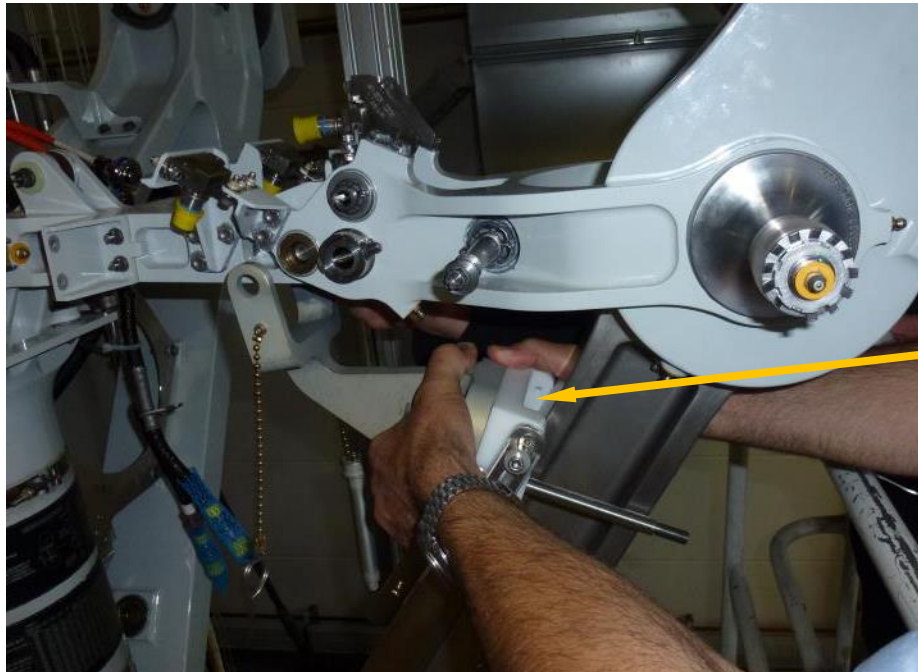
# A350 NLG Liebherr Tooling Catalogue

## Clamp Fixture PN: 6026A4400-01

✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6026A4400-01

Function: To clamp the lower drag stay during installation



# A350 NLG Liebherr Tooling Catalogue

## Assembly Punch PN: 6260-0002

✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6260-0002

Function: To support torque link during removal and installation



# A350 NLG Liebherr Tooling Catalogue

## Socket Wrench PN: 6260-0005

✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6260-0005

Function: Removal and installation steering actuator



Tool necessary for LLI SB-4816A-32-16 & SB-6406A-32-03 & SB-6406B-32-01

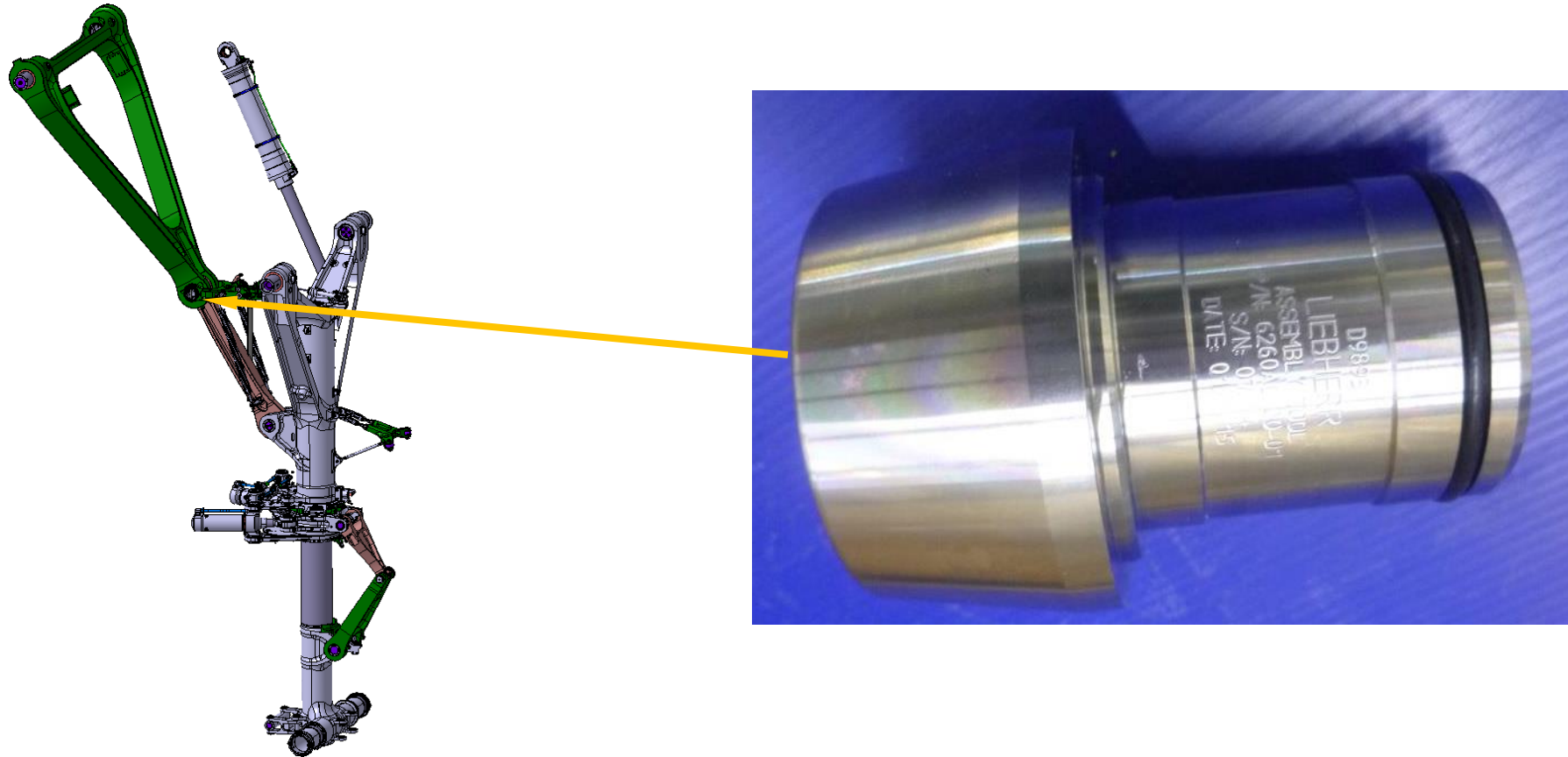
# A350 NLG Liebherr Tooling Catalogue

## Assembly Tool PN: 6260A0100-01

✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✗	6406A0000-01

Ref.: TEM 6260A0100-01

Function: Guide cone for removal and installation of upper apex pin



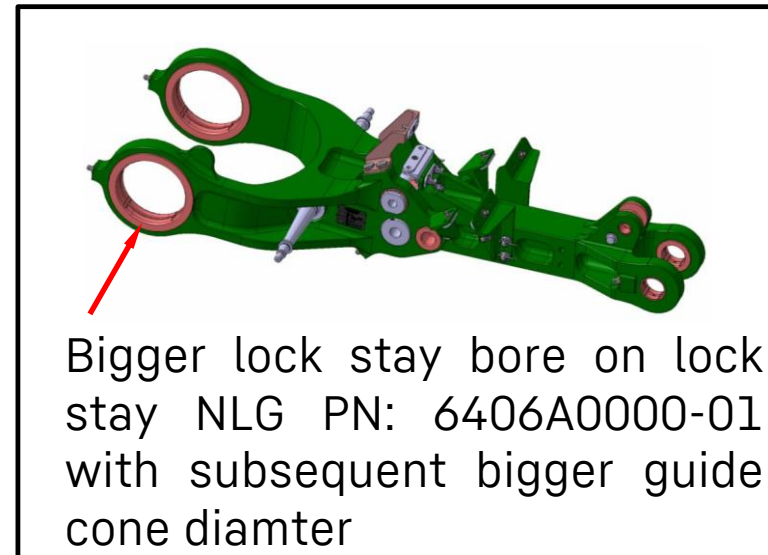
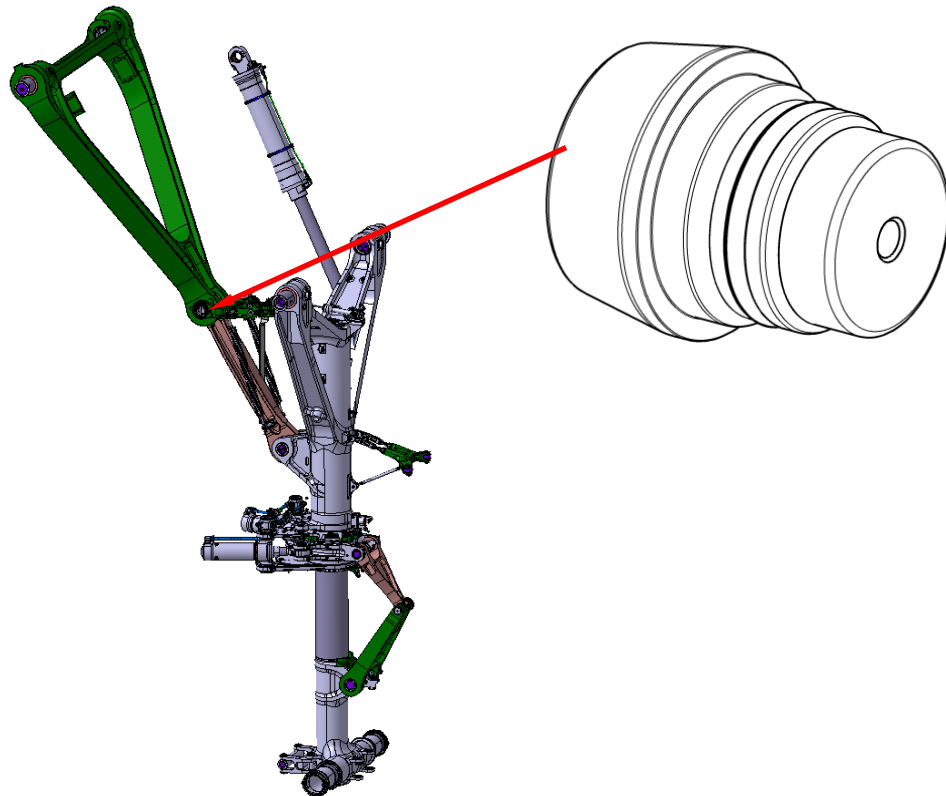
# A350 NLG Liebherr Tooling Catalogue

## Assembly Tool PN: 6904A0100-01

✓	Line Maintenance	✗	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6904A0100-01

Function: Guide cone for removal and installation upper apex pin



Drag stay apex pin bore diameter increased 10mm for A350 -1000

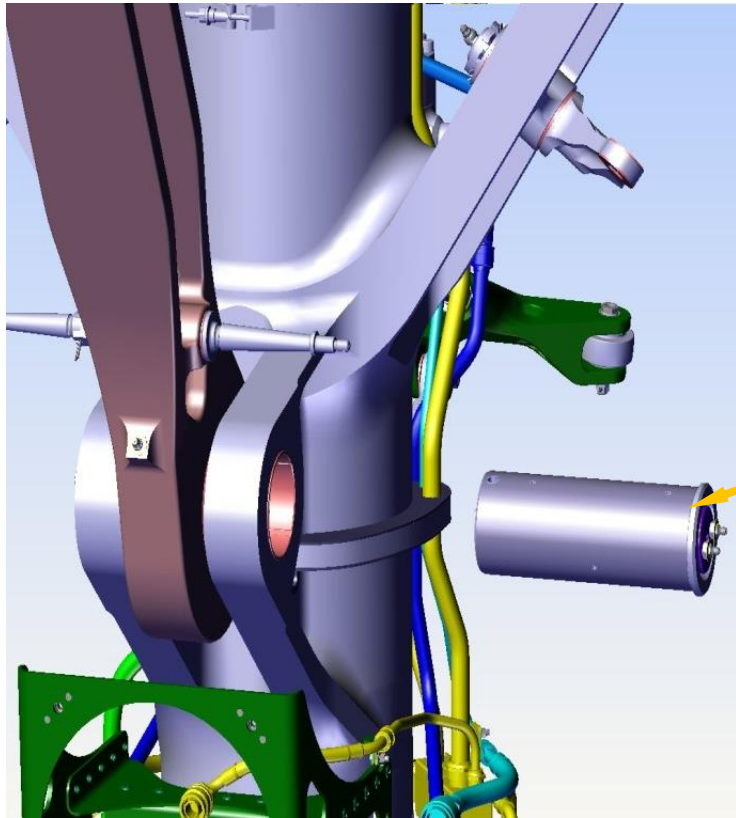


A350 NLG Liebherr Tooling Catalogue  
**Assembly Tool PN: 6260A0200-01**

✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01

**Ref.: TEM 6260A0200-01**

Function: Guide cone for removal and installation lower apex pin



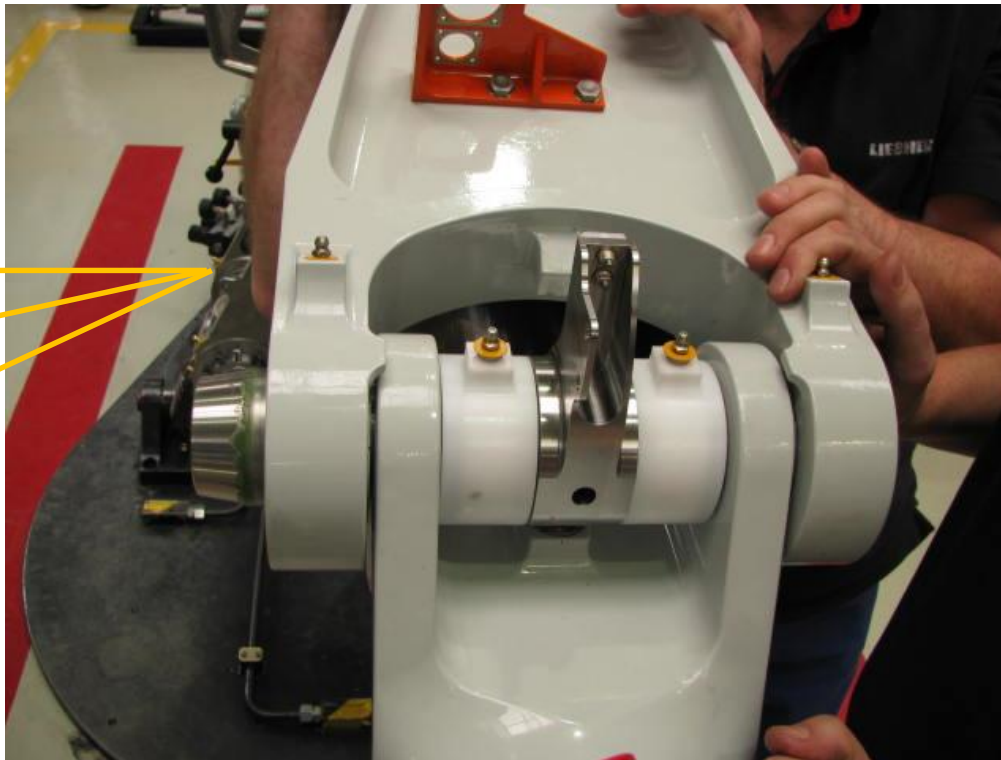
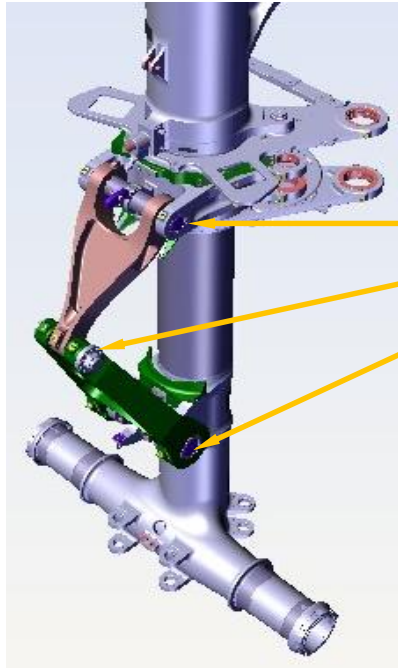
# A350 NLG Liebherr Tooling Catalogue

## Assembly Tool PN: 6260A0300-01

✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6260A0300-01

Function: Guide cone for removal/installation of torque link bolts



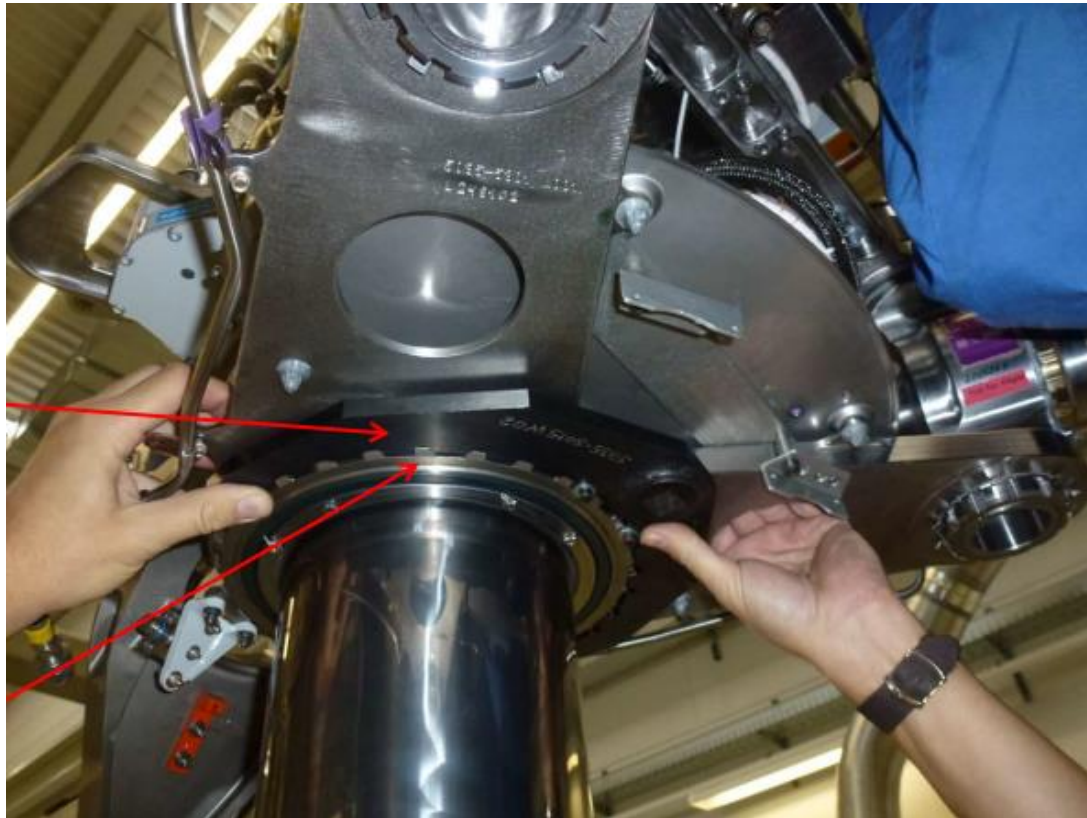
# A350 NLG Liebherr Tooling Catalogue

## Socket Wrench PN: 6260A0400-01

✓	Line Maintenance	✓	4816A0000-06
✓	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6260A0400-01

Function: To open main nut on shock strut assembly



# A350 NLG Liebherr Tooling Catalogue

## Guide Bolt PN: 6260A0500-01

✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6260A0500-01

Function: Guide bolt for installation retraction actuator



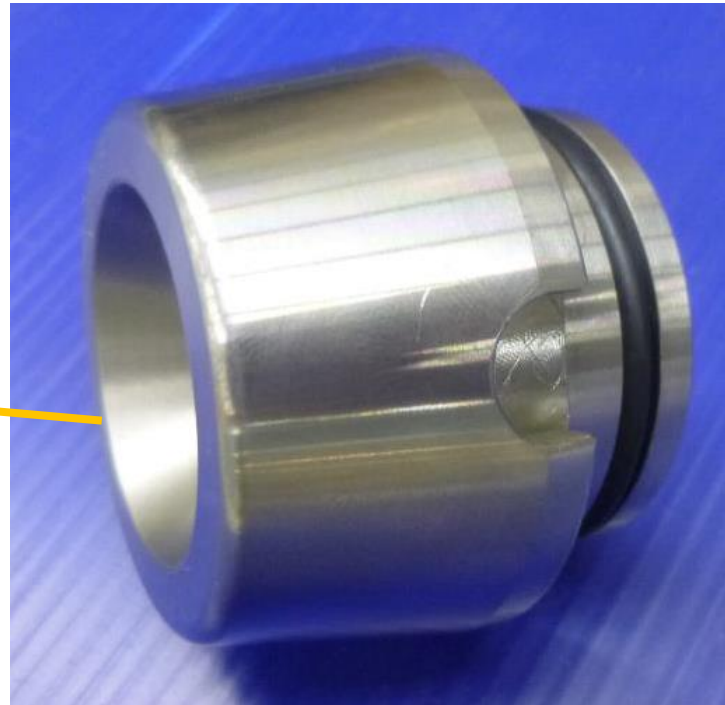
# A350 NLG Liebherr Tooling Catalogue

## Guide Bolt PN: 6260A0600-01

✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6260A0600-01

Function: Guide bolt for removal and installation of steering actuator



# A350 NLG Liebherr Tooling Catalogue

## Puller PN: 6260A0700-01

✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6260A0700-01

Function: Removal and installation of steering actuator bolt



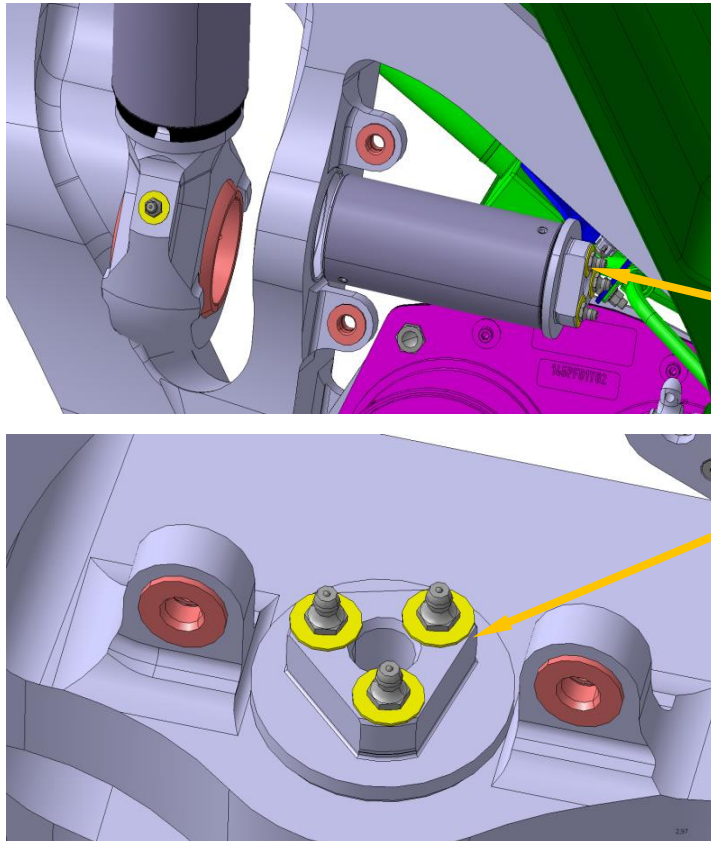
# A350 NLG Liebherr Tooling Catalogue

## Socket Wrench PN: 6260A0800-01

✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6260A0800-01

Function: To break-free retraction actuator bolt before removal



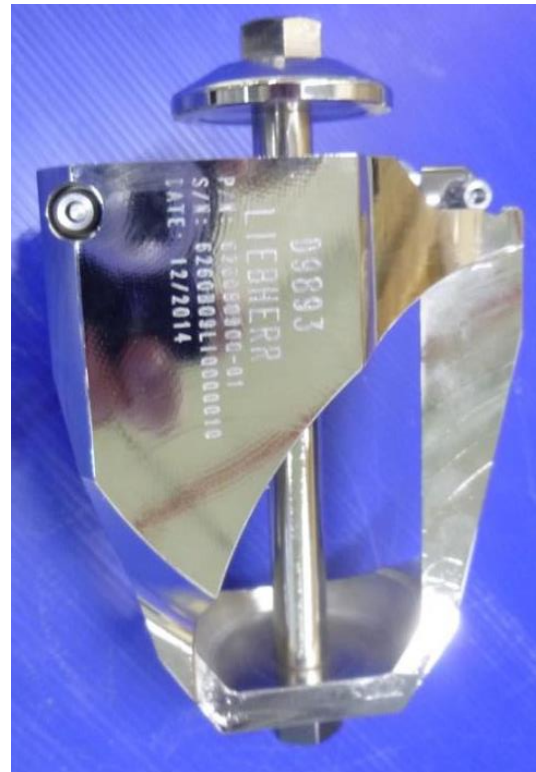
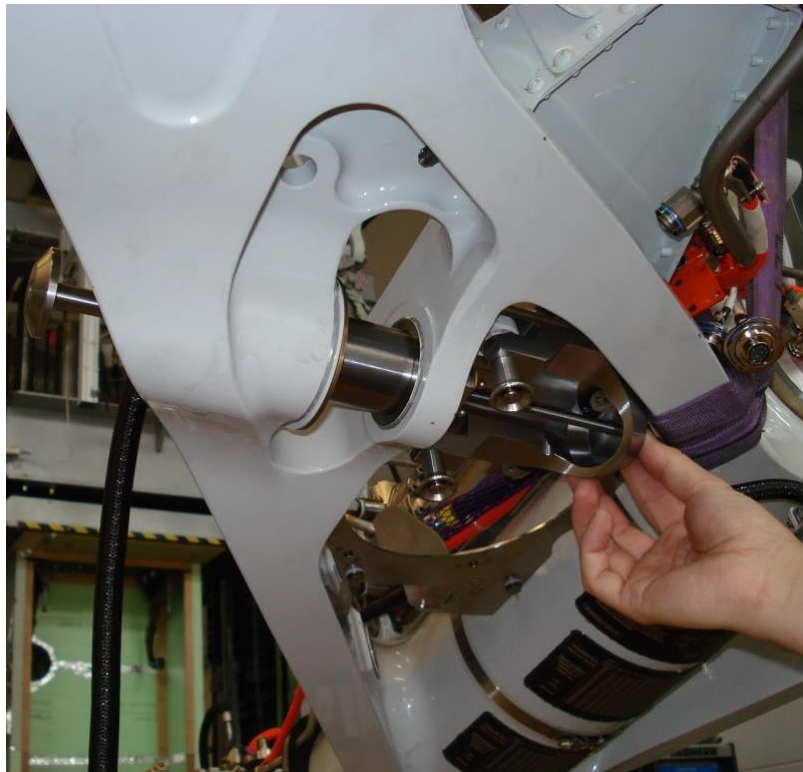
# A350 NLG Liebherr Tooling Catalogue

## Removing Tool PN: 6260B0900-01

Function: Removal of retraction actuator bolt

✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6260B0900-01





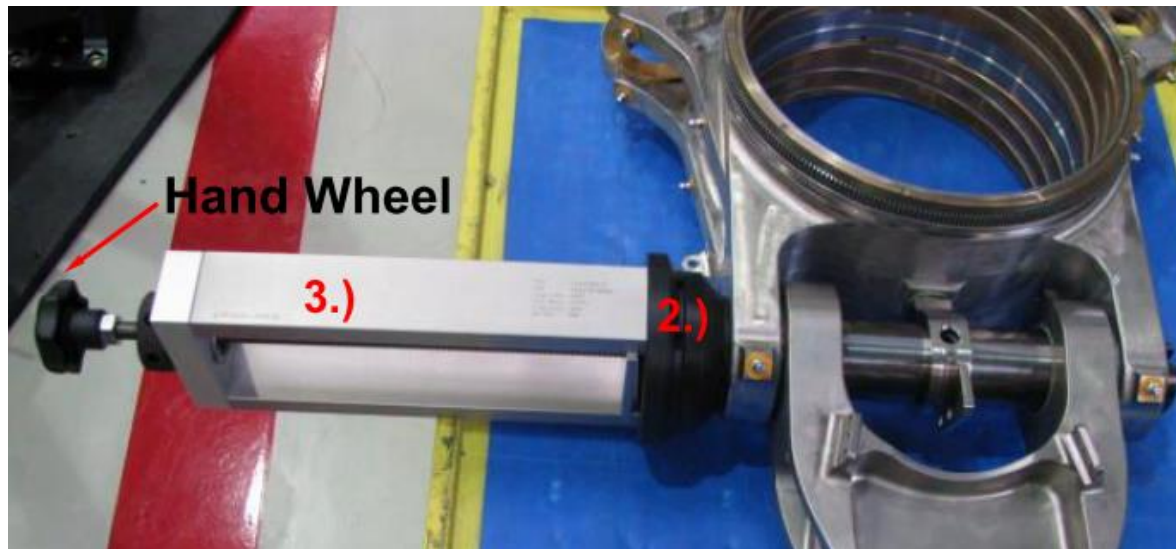
# A350 NLG Liebherr Tooling Catalogue

## Puller Extract PN: 6260A1000-01

✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6260A1000-01

Function: Removal and installation torque link bolts

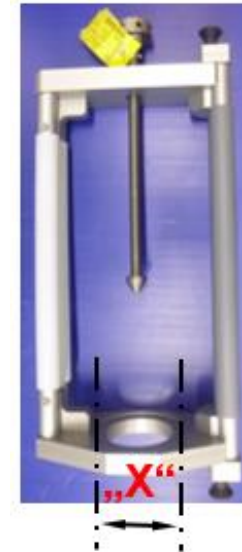
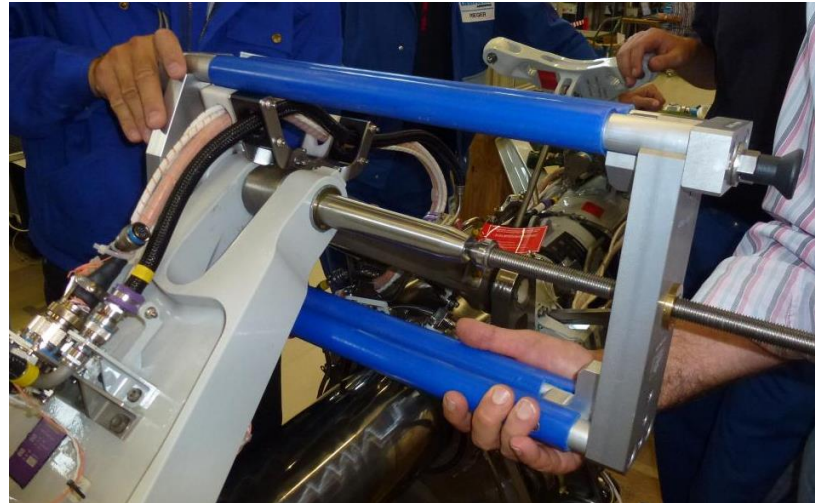
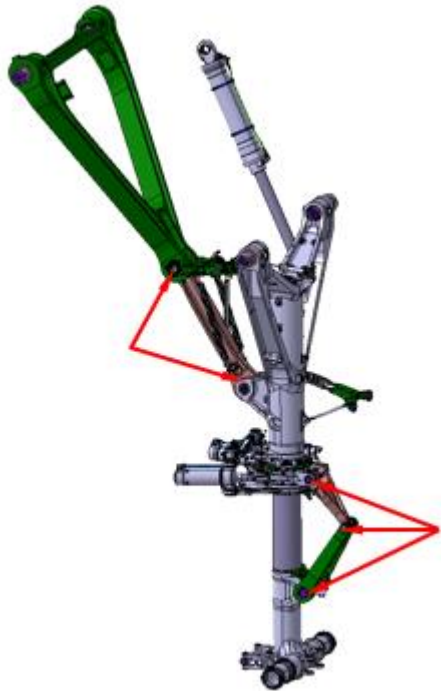


A350 NLG Liebherr Tooling Catalogue  
**Assembly Tool PN: 6260A2000-01**


✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✗	6406A0000-01

**Ref.: TEM 6260A2000-01**

Function: RI apex bolts and torque links



- Note: Part of GSE SET PN: 6260A0000-02
- Tool valid for -800/-900 only. No -1000 application

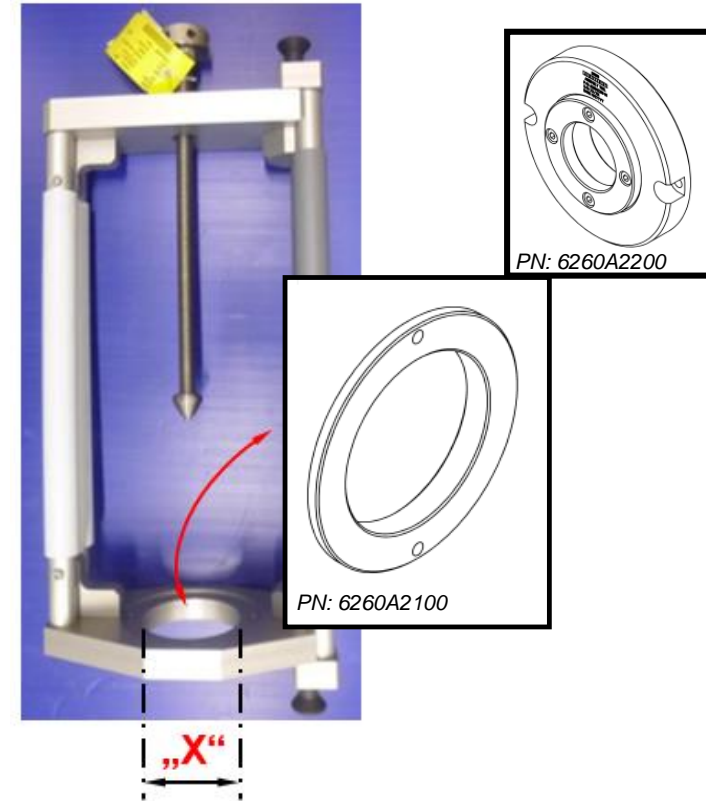
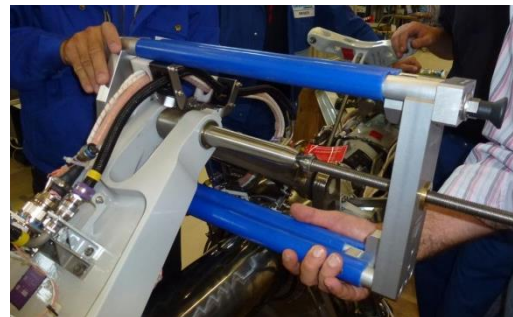
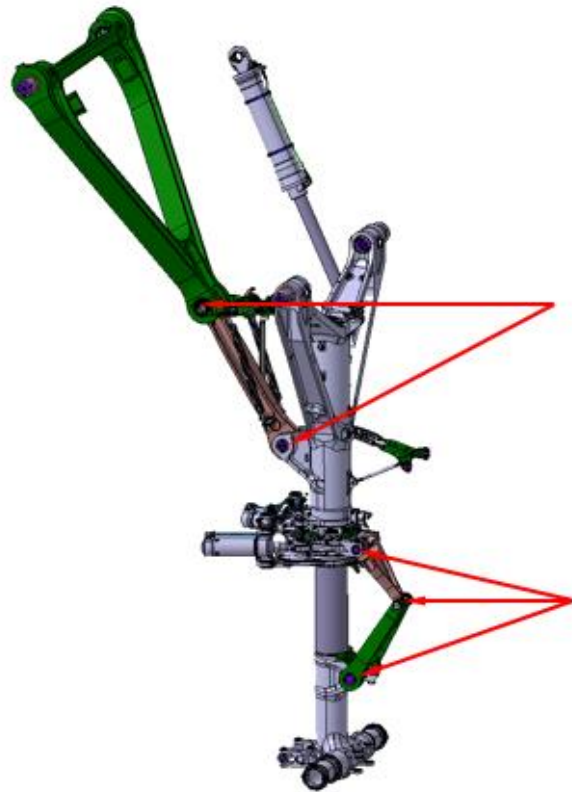
  
 Bigger lock stay bore on lock stay NLG  
 PN: 6406A0000-01 with subsequent  
 bigger guide cone diameter

A350 NLG Liebherr Tooling Catalogue  
**Assembly Tool PN: 6904A2000-01**

✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01

**Ref.: TEM 6260A2000-01**

Function: RI apex bolts and torque links



Increased dimension „X“ (bore diameter). Tool valid for -800/-900/-1000

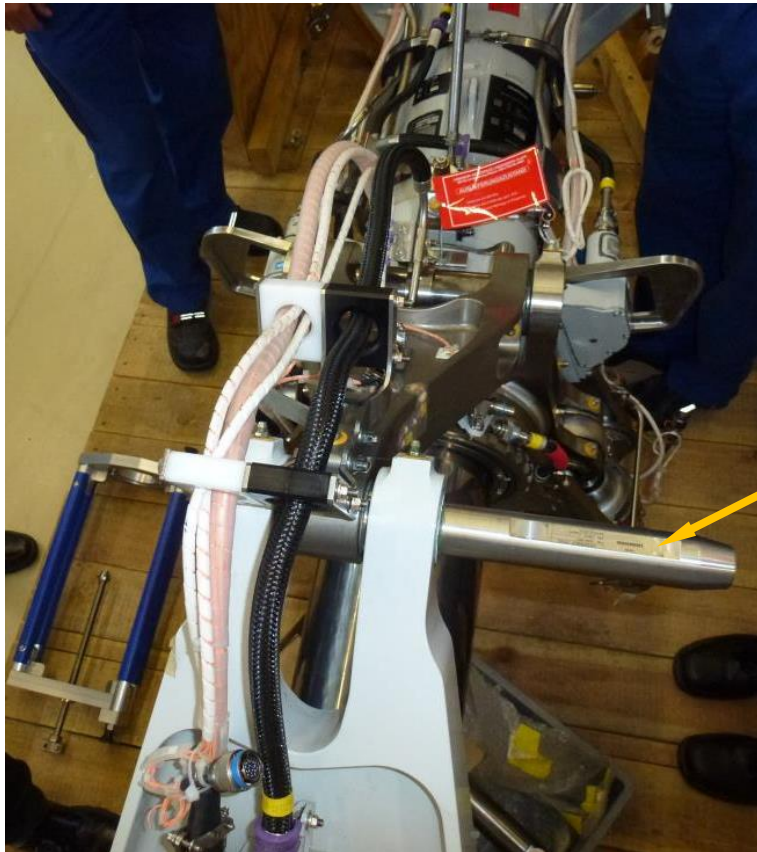
# A350 NLG Liebherr Tooling Catalogue

## Assembly Tool PN: 6260-0001

✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6260-0001

Function: Installation torque link apex pin



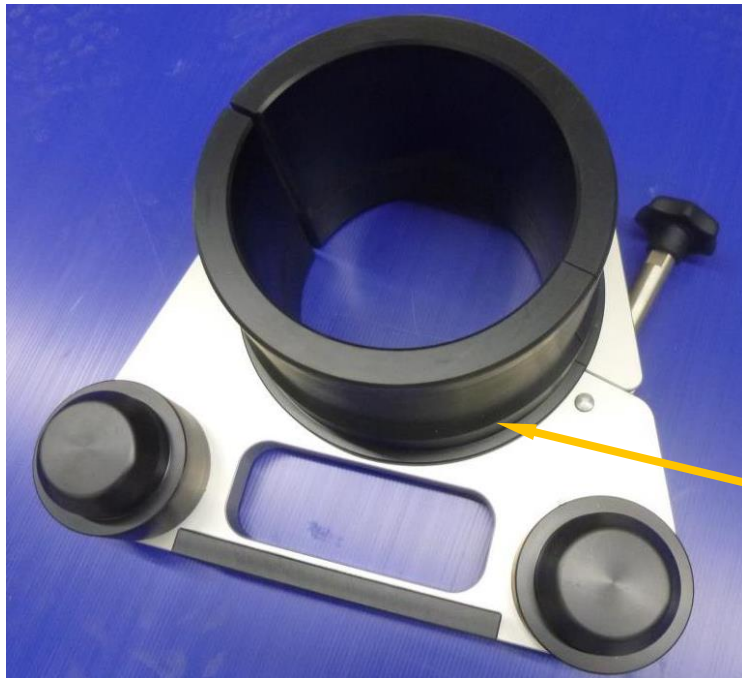
# A350 NLG Liebherr Tooling Catalogue

## Cover PN: 6260A3000-01

✓	Line Maintenance	✓	4816A0000-06
✓	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6260A3000-01

Function: To support lower steering plate during removal



Do not change the dimension „Y“ of plastic cover by yourself to prevent the shock strut from possible damage. A/C might be needs to be slightly lifted for tool installation.

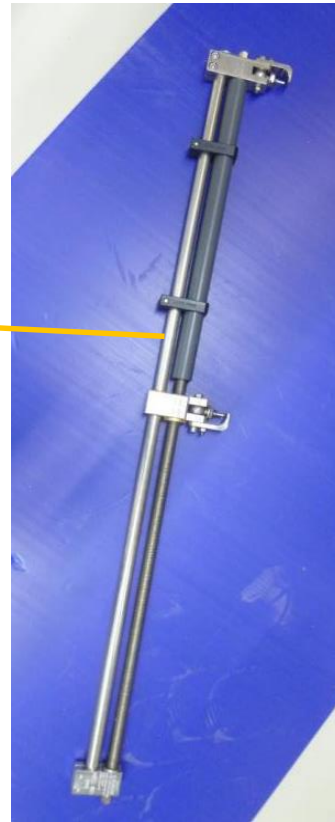
# A350 NLG Liebherr Tooling Catalogue

## Drawing Tool PN: 6260A4000-01

Function: Spring removal and installation tool

✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6260A4000-01



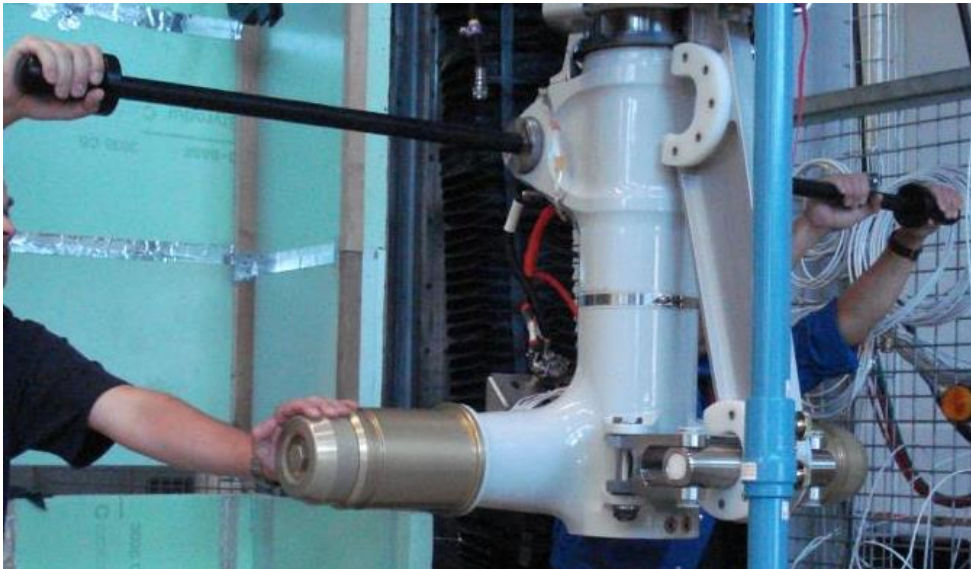
# A350 NLG Liebherr Tooling Catalogue

## Removing Tool PN: 6260B5100-01

✗	Line Maintenance	✓	4816A0000-06
✓	Heavy Maintenance	✓	6406A0000-01

*Update of TEM in Process*

Function: To turn the slider during removal and installation



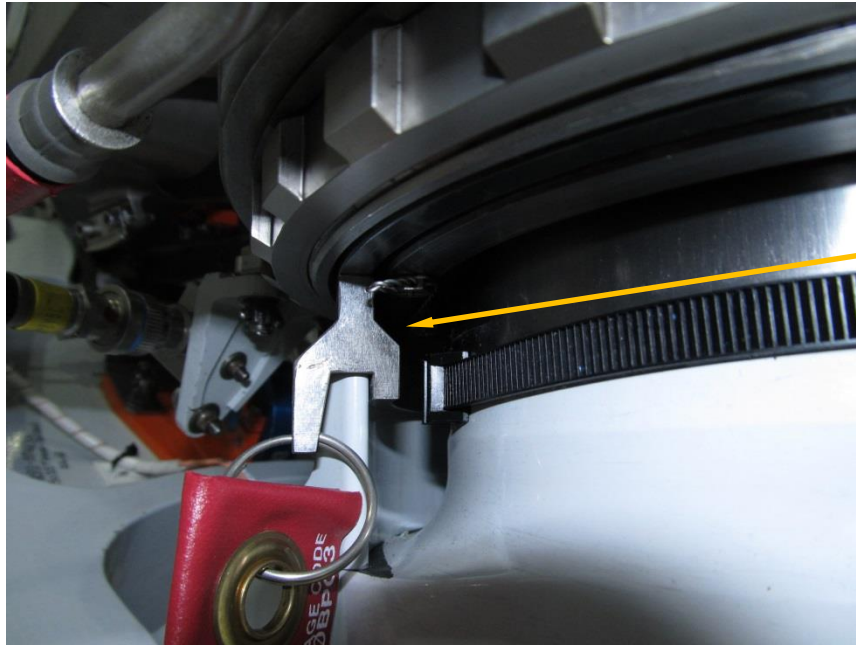
# A350 NLG Liebherr Tooling Catalogue

## Guide Block PN: 6904A1100-01

✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6904A1100-01

Function: To apply correct amount of oil during servicing





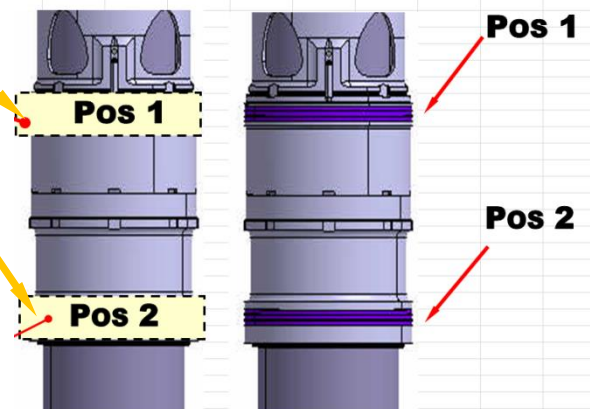
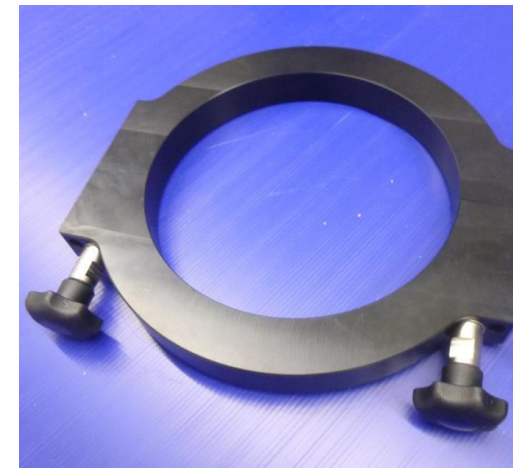
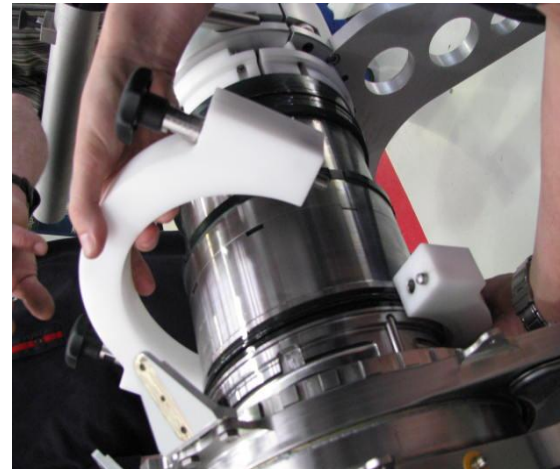
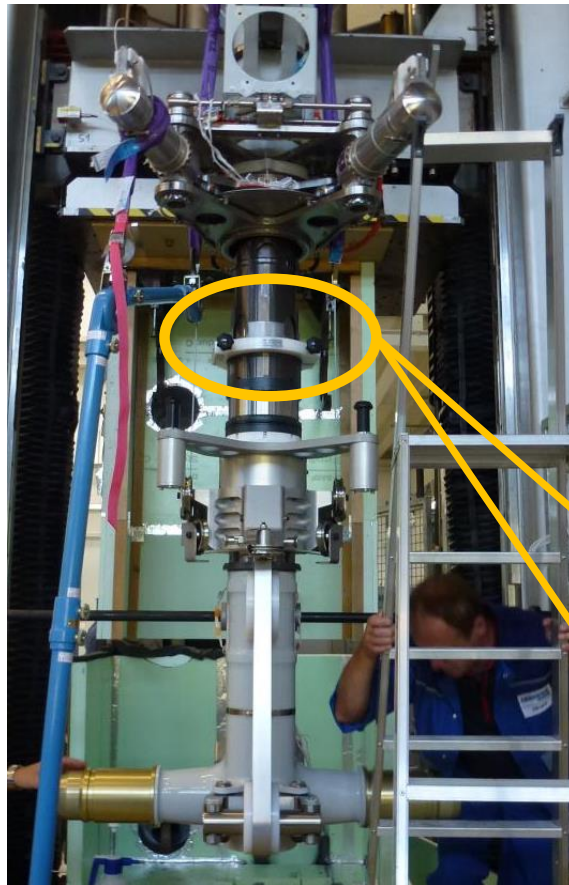
# A350 NLG Liebherr Tooling Catalogue

## Installation Tool PN: 6260A6500-01

✗	Line Maintenance	✓	4816A0000-06
✓	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6260A6500-01

Function: To avoid shearing of O-Ring during installation



In case tooling is not installed, seal will be sheared during pushing the slider back to main fitting.

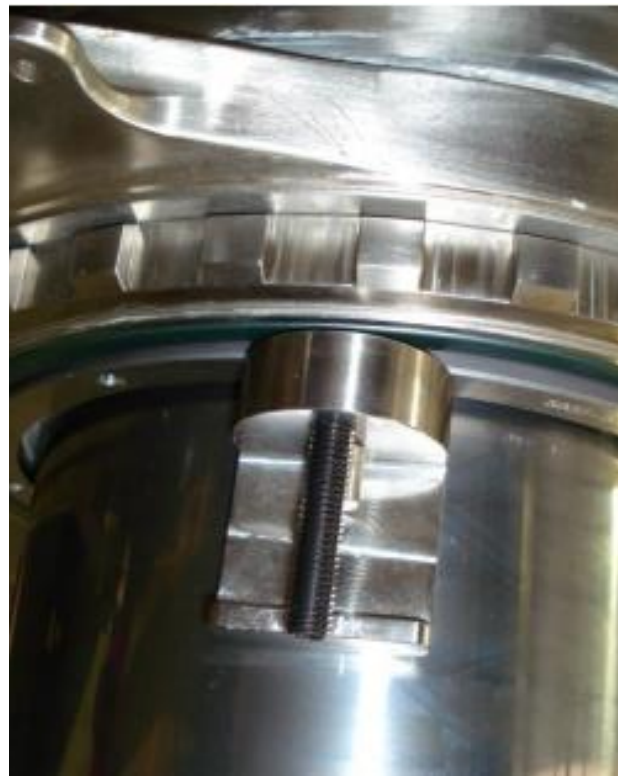
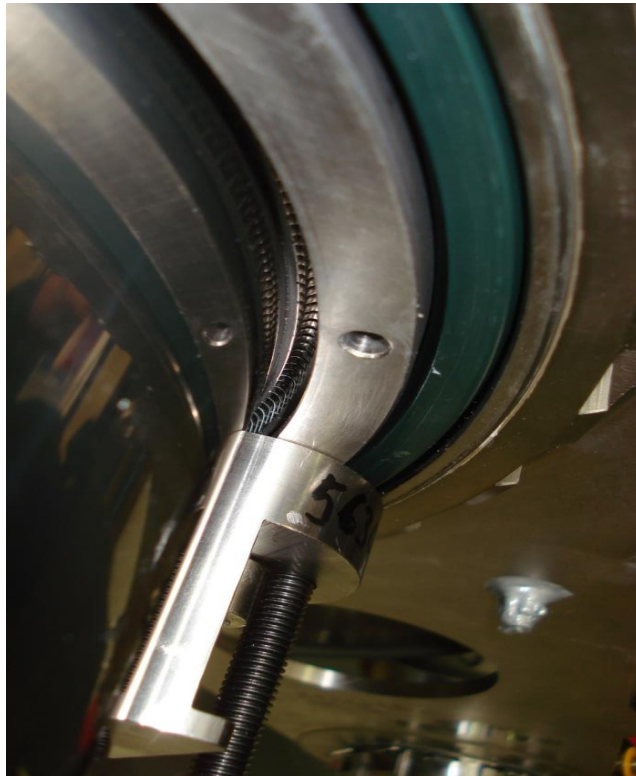
# A350 NLG Liebherr Tooling Catalogue

## Removing Tool PN: 6260A6600-01

Function: Ring removing tool

✗	Line Maintenance	✓	4816A0000-06
✓	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6260A6600-01



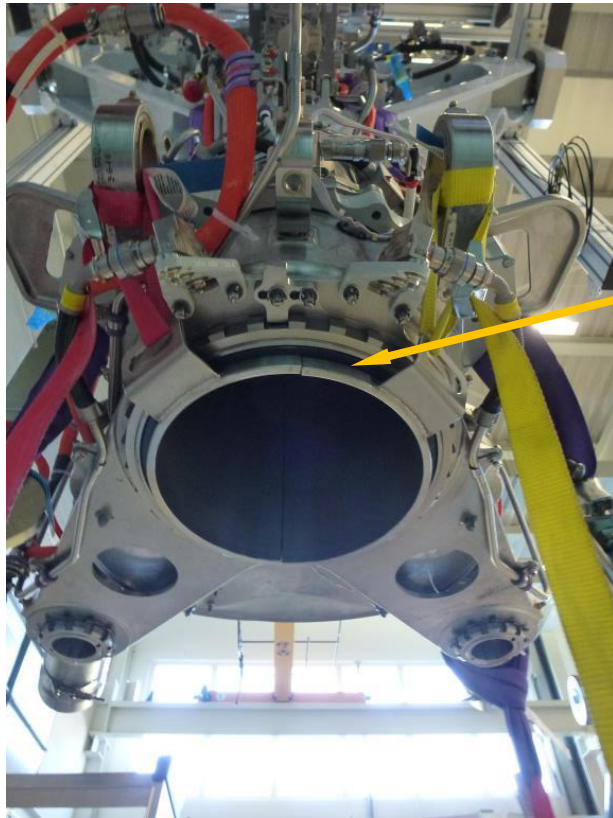
# A350 NLG Liebherr Tooling Catalogue

## Installation Jig PN: 6260A6800-01

✗	Line Maintenance	✓	4816A0000-06
✓	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6260A6800-01

Function: Protection sleeves to install slider into main fitting



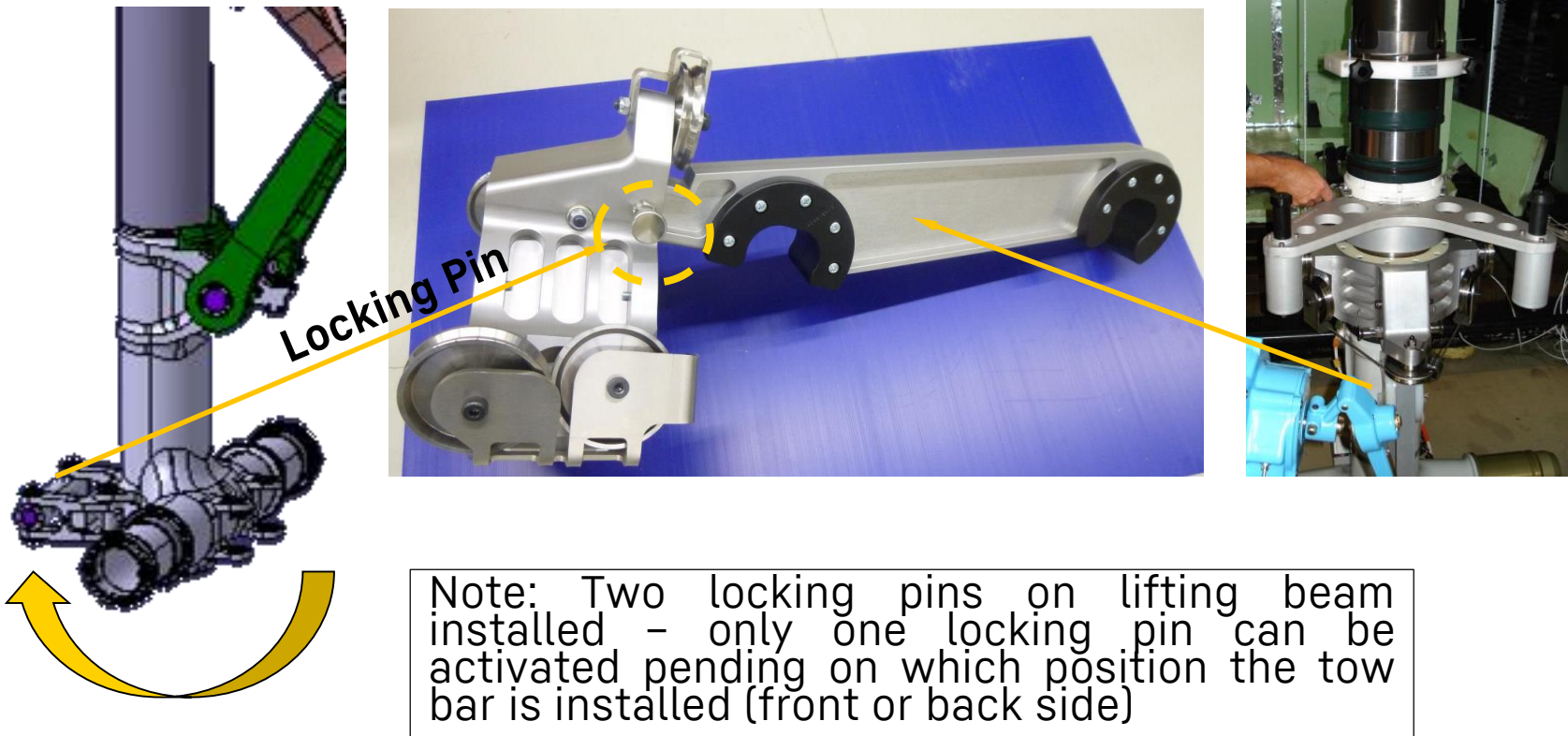
# A350 NLG Liebherr Tooling Catalogue

## Lifting Beam PN: 6260A6000-01

✗	Line Maintenance	✓	4816A0000-06
✓	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6260A6000-01

Function: Lifting of NLG sliding tube into main fitting



Note: Two locking pins on lifting beam installed - only one locking pin can be activated pending on which position the tow bar is installed (front or back side)

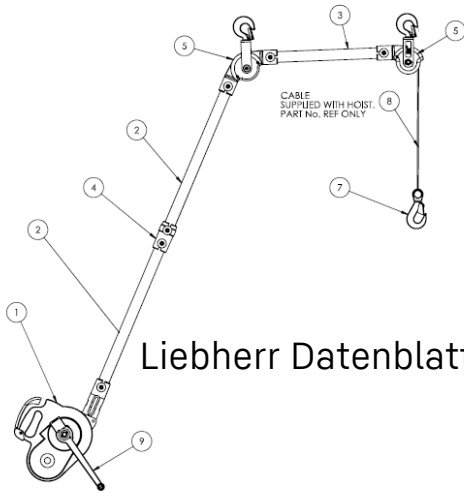
# A350 NLG Liebherr Tooling Catalogue

## Didsbury Hoist Kit (Not Included)

Function: To support lower steering plate during removal

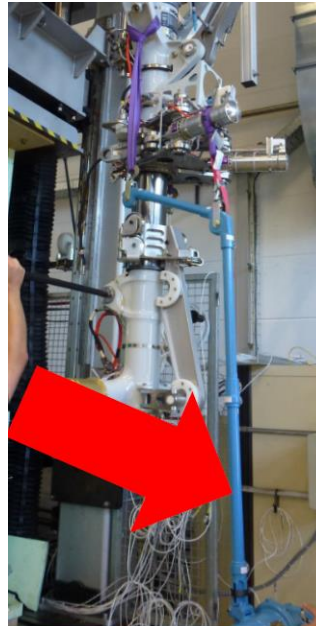
AIRCRAFT APPLICATION SHEET FOR: 42/674 **didsbury**  
 World class fitting and tooling solutions  
**A350 NLG SLIDING TUBE R/I HOIST KIT**  
 Revision 2. Includes 41/163  
 Didsbury Engineering Co Ltd  
 Telephone: +44 (0)161 486 2200  
 Facsimile: +44 (0)161 486 2211  
 Email: sales@didsbury.com  
 Web: www.didsbury.com

ITEM NO.	PART No.	DESCRIPTION	QTY.
1	42/7	WINDING MECHANISM	1
2	41/100	610mm EXTENSION TUBE	2
3	41/106	457mm EXTENSION TUBE	1
4	41/110	TUBE COUPLING	1
5	42/672	ANGLE CHANGER	1
5	42/639	TOP SHEATH ASSEMBLY	1
7	42/494	HOOK	1
8	42/20	CABLE ASSEMBLY (FOR REFERENCE ONLY)	1
9	41/163	9" WINDING HANDLE	1



Liebherr Datenblatt ID 11044715

SWL: 254 Kg  
 WEIGHT: 18 Kg



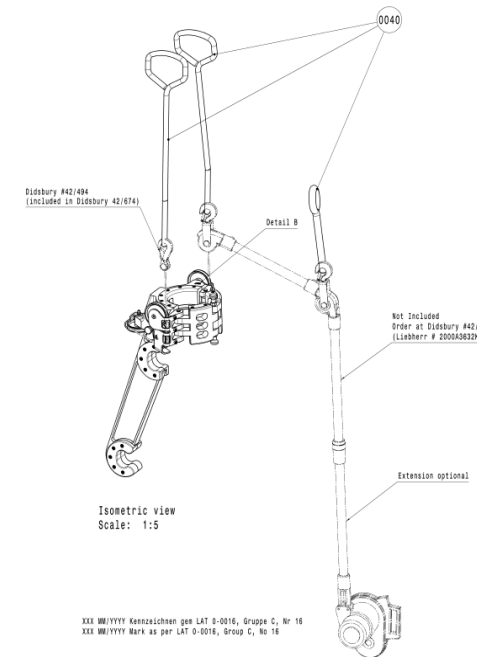
Didsbury Engineering Co Ltd

Telephone: +44 (0)161 486 2200  
 Facsimile: +44 (0)161 486 2211  
 Email: sales@didsbury.com  
 Web: www.didsbury.com

HOIST KIT TO BE ORDERD SEPERATLY  
 @ Didsbury directly. Liebherr  
 Reference Number is: 6260A6000M01

✗	Line Maintenance	✓	4816A0000-06
✓	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6260A3000-01



Minimum 800 mm clearance from ground to jacking dome is needed to remove sliding tube (total).

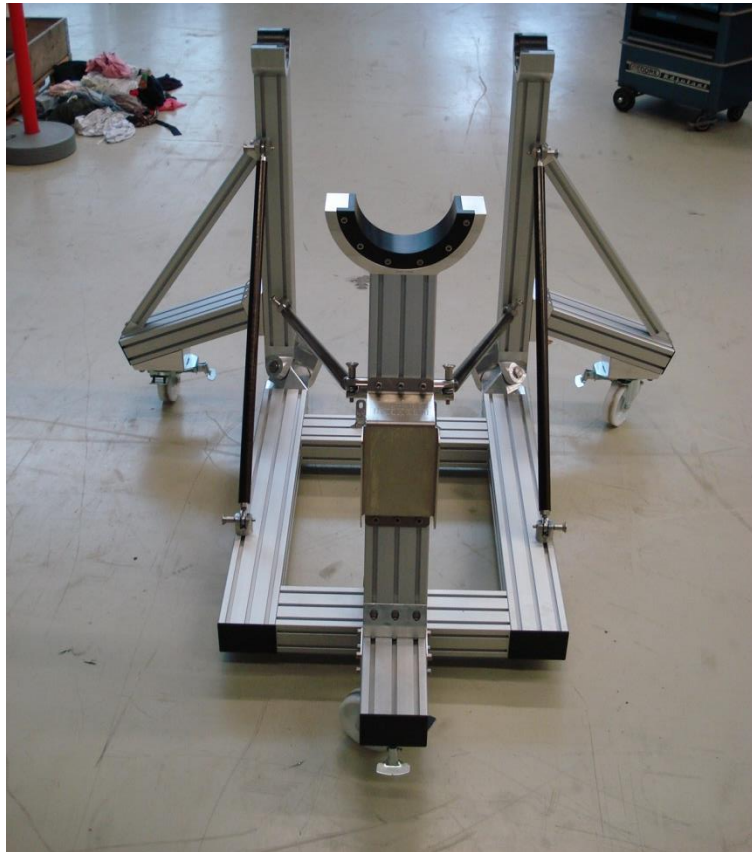
# A350 NLG Liebherr Tooling Catalogue

## Holding Tool PN: 6260A7000-01

✗	Line Maintenance	✓	4816A0000-06
✓	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6260A7000-01

Function: Jig to hold sliding tube



# A350 NLG Liebherr Tooling Catalogue

## Holding Fixture PN: 6260A8000-01

✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6260A8000-01

Function: Shim installation tool



- Tooling was original designed to install the shims on A350-800/900 only with smaller bolt system and subsequent shim diameter.
- On A350 common NLG the shim does not fit exactly into the radius of the tooling, but tooling remains fully functional, positioning of shim into gap is possible as well.

# A350 NLG Liebherr Tooling Catalogue

## Extracting Tool PN: 6260A9000-01

✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6260A9000-01

Function: Removal anti rotation pin





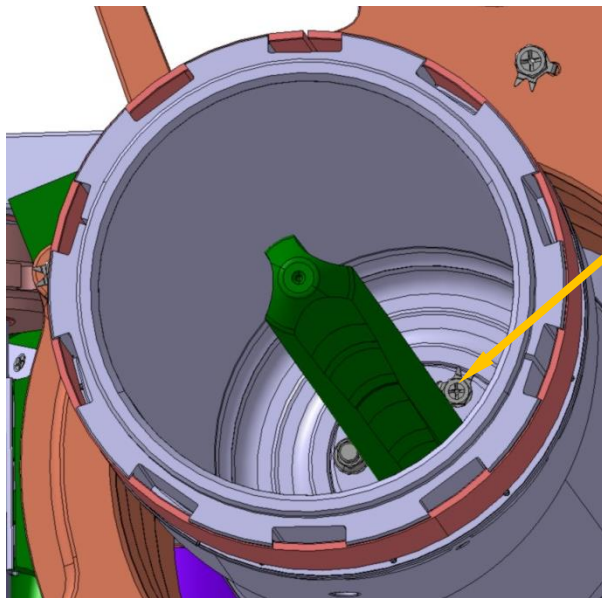
# A350 NLG Liebherr Tooling Catalogue

## Removing Tool PN: 6260A6700-01

✗	Line Maintenance	✓	4816A0000-06
✓	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6260A6700-01

Function: Metering pin screw installation



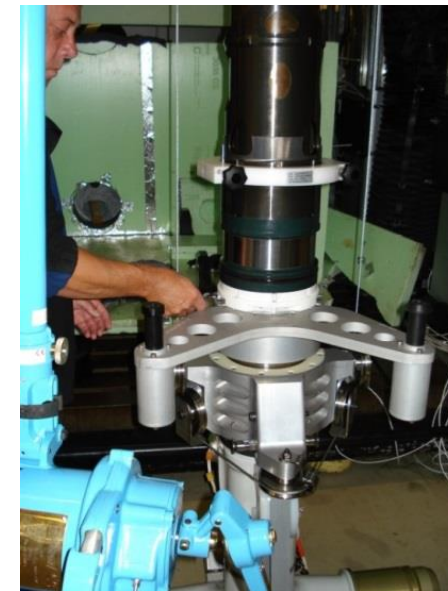
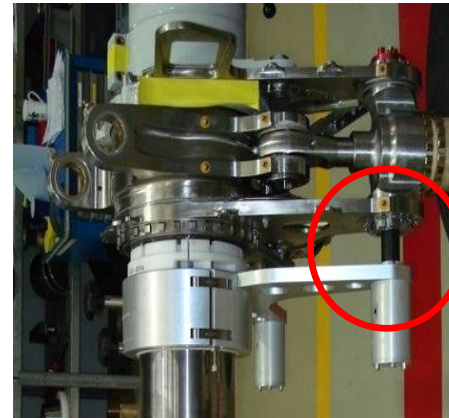
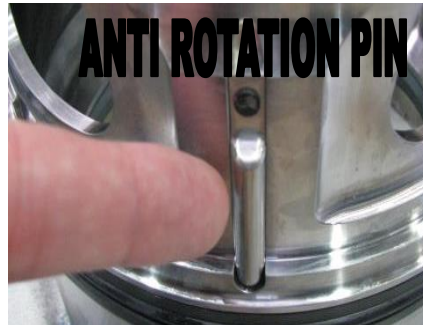
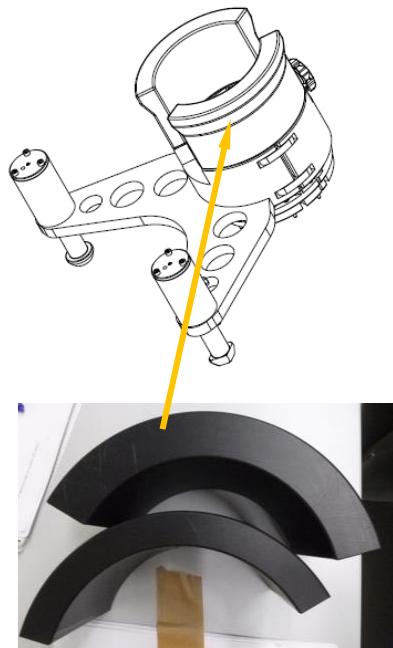
# A350 NLG Liebherr Tooling Catalogue

## Installation Tool PN: 6904A5200-01

✗	Line Maintenance	✓	4816A0000-06
✓	Heavy Maintenance	✓	6406A0000-01

*Ref.: TEM 6260A5200-01  
Update of TEM to 6904A5200-01 in Process*

Function: Positioning of slider during installation into main fitting



- Note: Tool modified from PRE PN: 6260A5200-01 (non procurable) into POST PN: 6904A5200-01 (Drilling pitch of attachment screws have changed) - PN: 6904A52000-01 validated and procurable
- Note: Spacer Piece PN: 6904-5212 is added to the tooling helping to ease installation of NLG

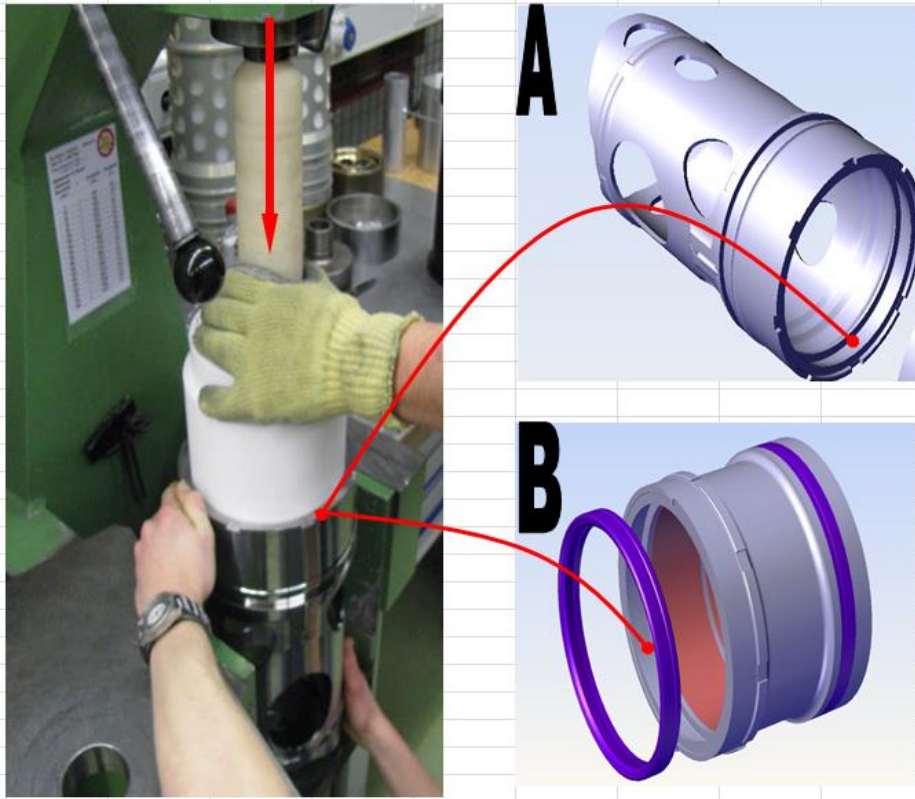
# A350 NLG Liebherr Tooling Catalogue

## Mounting Sleeve PN: 5035-0020W01

✗	Line Maintenance	✓	4816A0000-06
✓	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 5035-0020

Function: Calibration of cuff seals



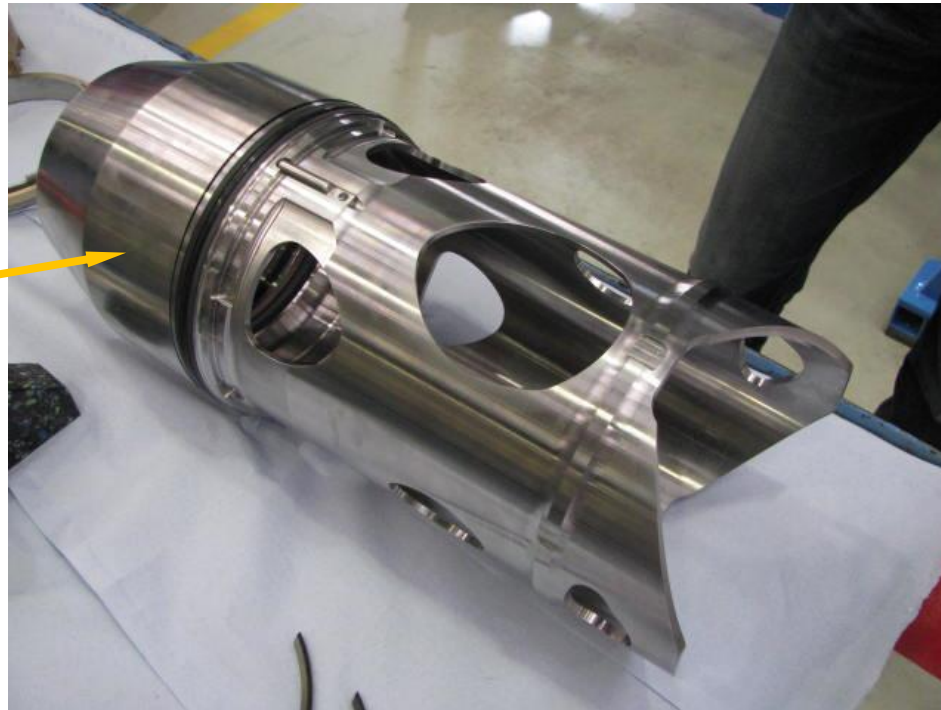
# A350 NLG Liebherr Tooling Catalogue

## Mounting Tool PN: 5035-0023W01

✗	Line Maintenance	✓	4816A0000-06
✓	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 5035-0023

Function: Steering cam seal installation



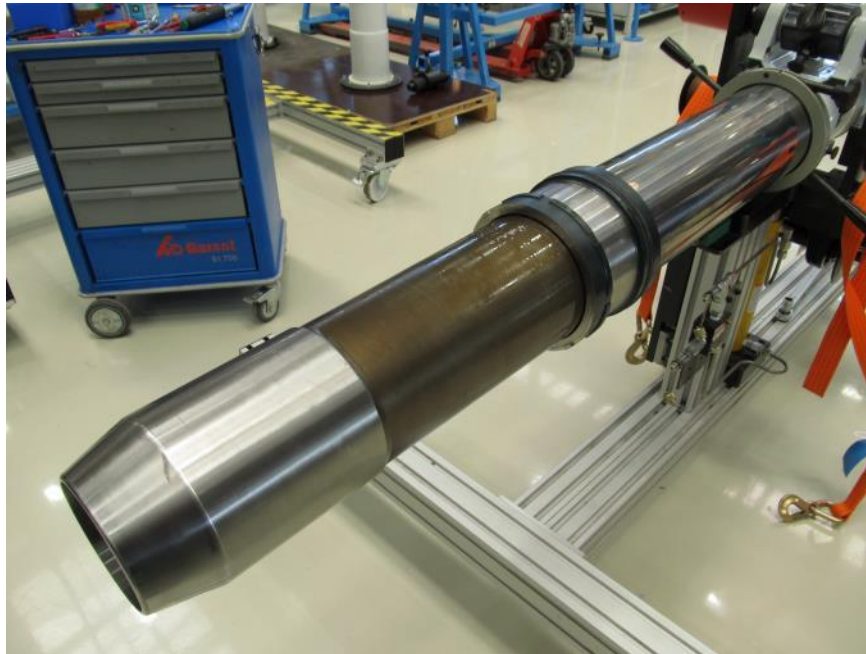
# A350 NLG Liebherr Tooling Catalogue

## Mounting Tool PN: 5814A0000-01

✗	Line Maintenance	✓	4816A0000-06
✓	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 5814A0000-01

Function: Seal installation slider



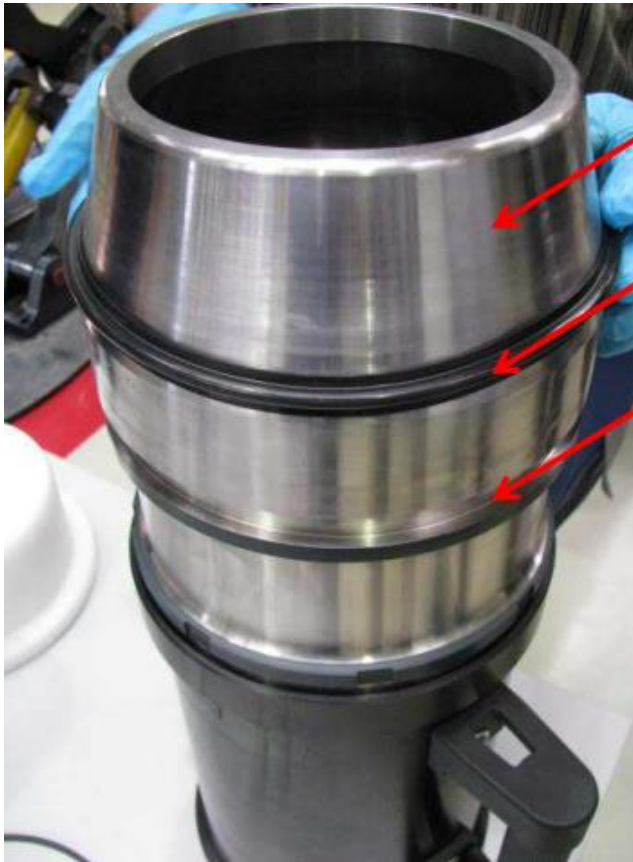
# A350 NLG Liebherr Tooling Catalogue

## Mounting Sleeve PN: 5677-0001

✗	Line Maintenance	✓	4816A0000-06
✓	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 5677A0000-01

Function: To install bearing on shock strut



# A350 NLG Liebherr Tooling Catalogue

## Mounting Device PN: 5815A0000-01

✗	Line Maintenance	✓	4816A0000-06
✓	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 5815A0000-01

Function: Scraper ring installation



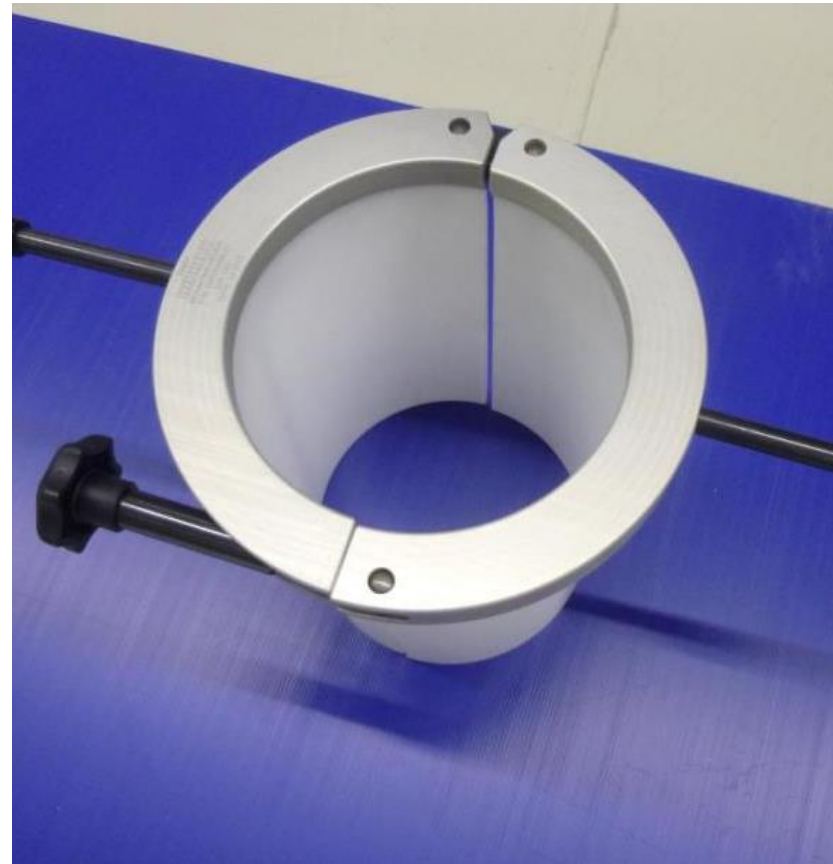
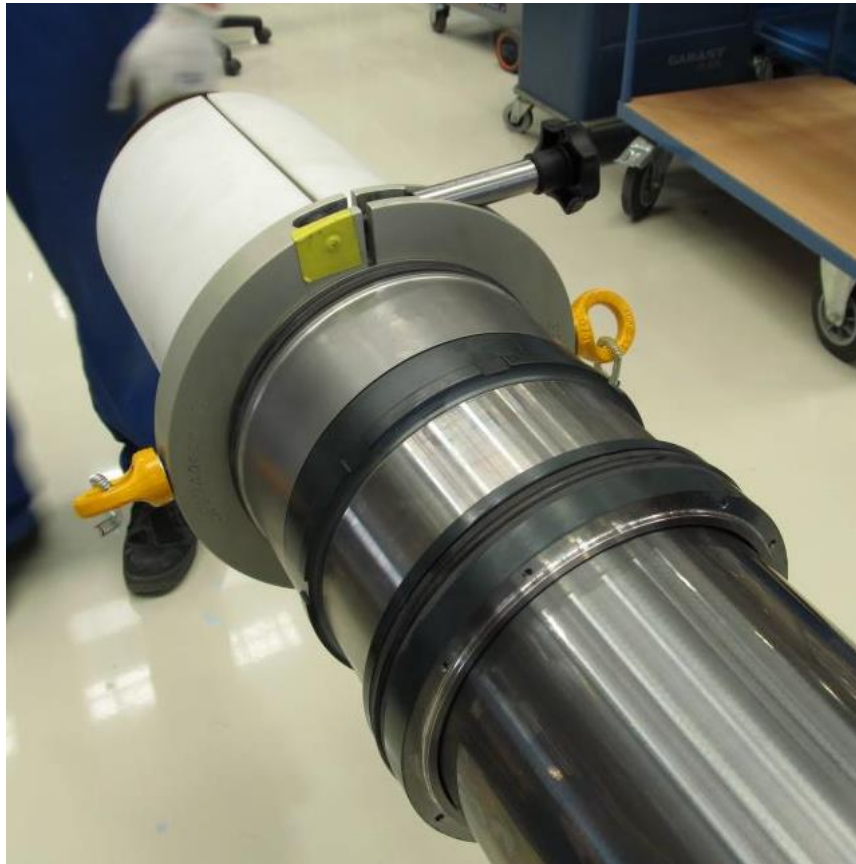
# A350 NLG Liebherr Tooling Catalogue

## Mounting Device PN: 5807A0000-01

✗	Line Maintenance	✓	4816A0000-06
✓	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 5807A0000-01

Function: Steering cuff installation





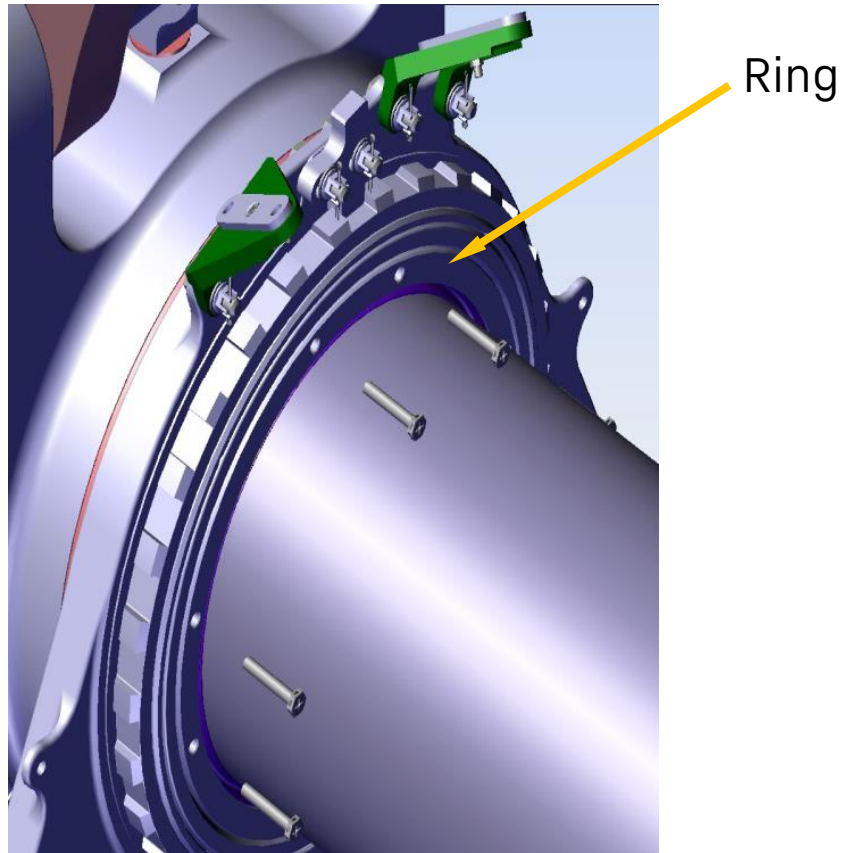
# A350 NLG Liebherr Tooling Catalogue

## Installation Tool PN: 5035-0043W01

✗	Line Maintenance	✓	4816A0000-06
✓	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 5035-0043

Function: Rotation of ring to find screw position



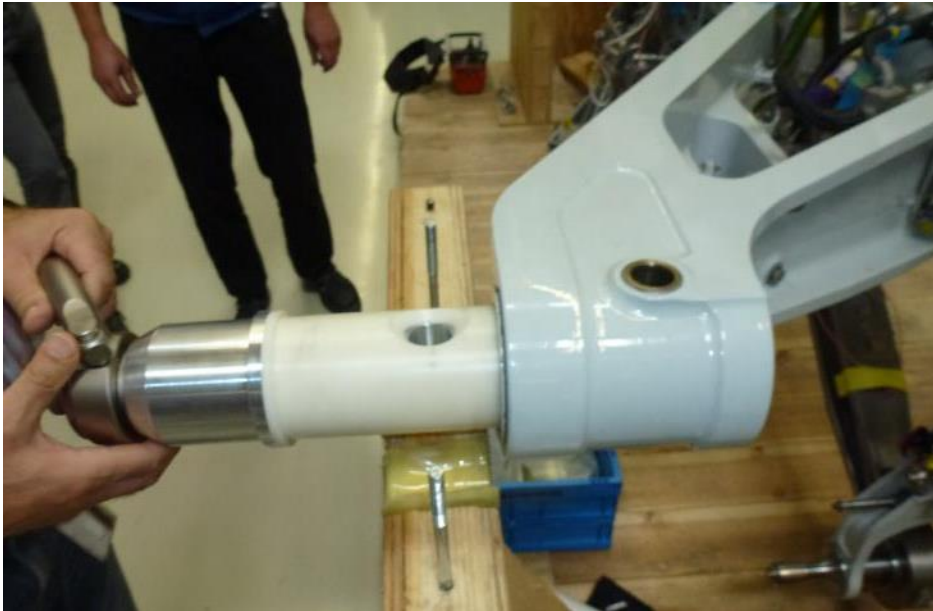
# A350 NLG Liebherr Tooling Catalogue

## Lifting Gear PN: 6260A6900-01

✗	Line Maintenance	✓	4816A0000-06
✓	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6260A6900-01

Function: Lifting of NLG out of transport box



# A350 NLG Liebherr Tooling Catalogue

## Socket Wrench PN: 6260-0003

Function: Wheel nut removal and installation

✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01
Ref.: TEM 6260-0003			



# A350 NLG Liebherr Tooling Catalogue

## Extension PN: 6904A9100-01

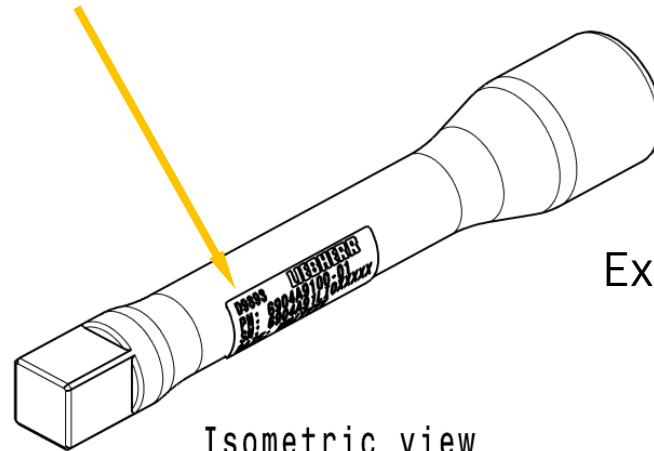
✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6260-0003

Function: Extension for Wheel nut (PN: 6260-0003)



WHEEL NUT PN (6260-0003)



Isometric view  
Scale: 1:1

Extension PN: 6904A9100-01

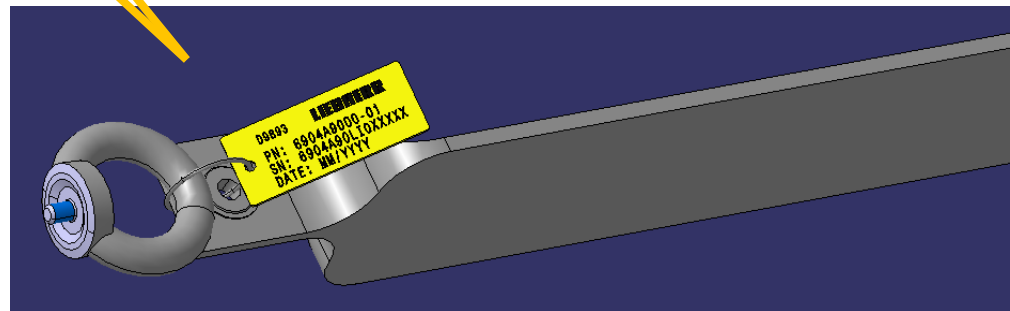
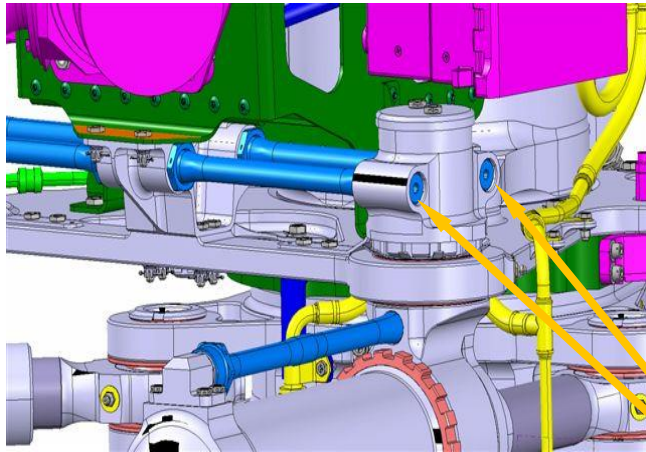
# A350 NLG Liebherr Tooling Catalogue

## Removal Tool PN: 6904A9000-01

✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 6904A9000-01

Function: Removal of transfer tubes SCOV



Tool necessary for LLI SB-4816A-32-16 & SB-6406A-32-03

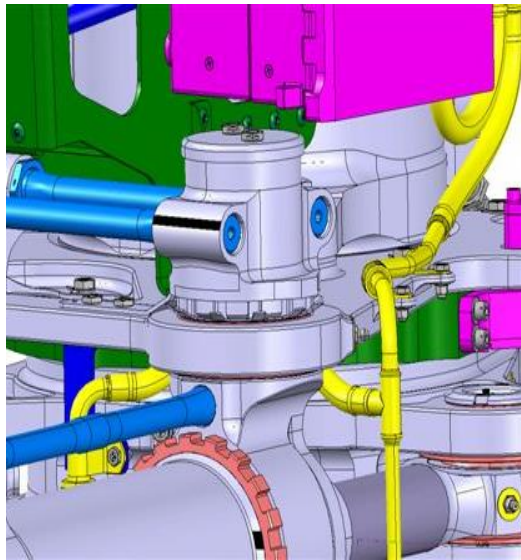
# A350 NLG Liebherr Tooling Catalogue

## Mounting Device PN: 5665A0000-01

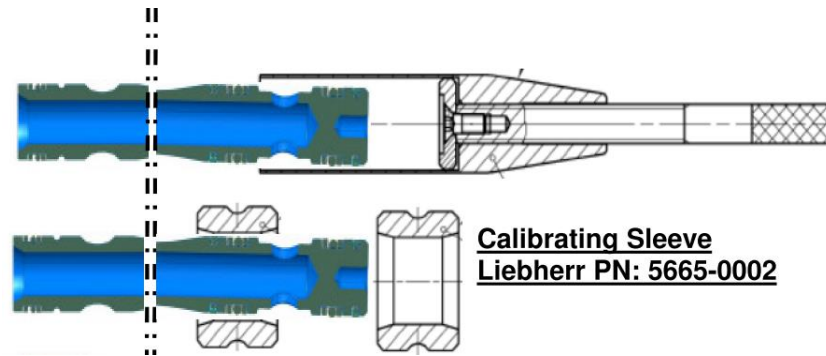
✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM 5665A0000-01

Function: SCOV PRE PN: 4818A0000-06 seal installation set transfer tube capable on both sides (SCOV SIDE & CONNECTING BLOCK SIDE)



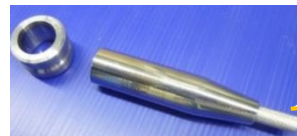
PRE: Transfer Tubes  
PN: 4816-0033



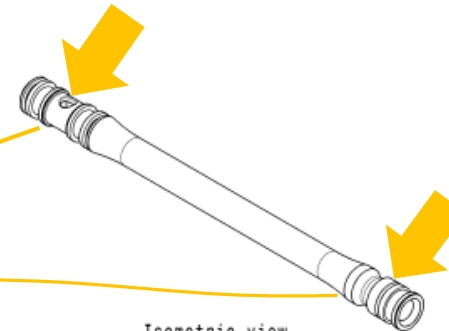
Adjustable seal Guide  
Liebherr PN: 5665A0100-01

Calibrating Sleeve  
Liebherr PN: 5665-0002

PRE-MOD: PNR 4818A0000-06



Tooling applicable for both sides



Isometric view  
Scale: 1:1

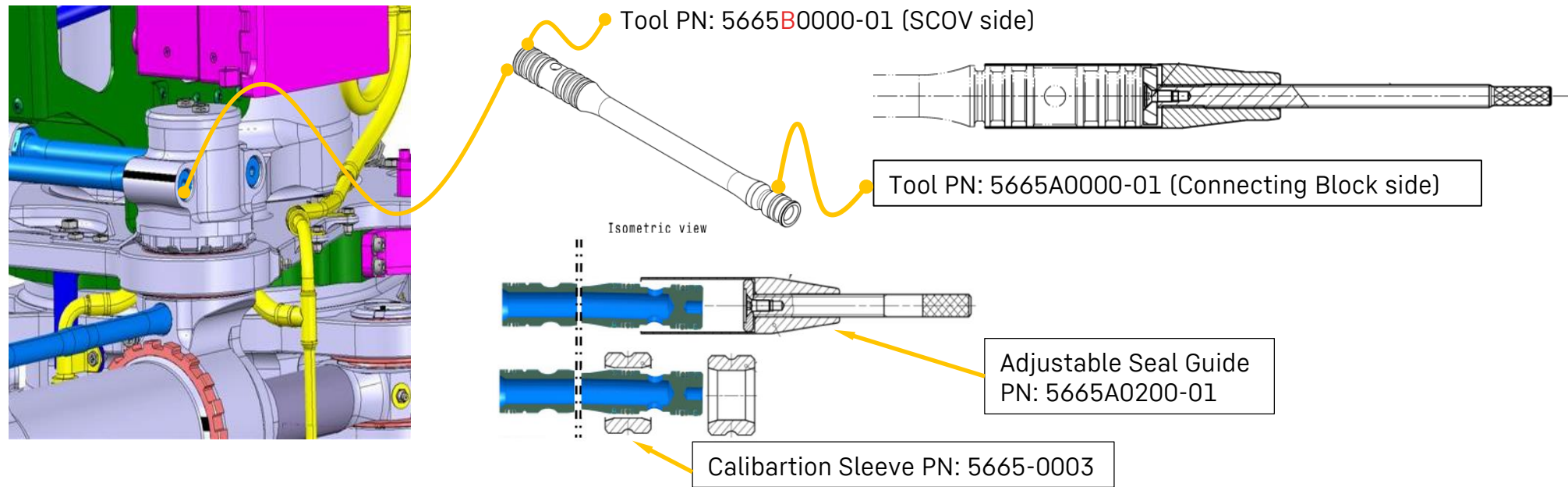
# A350 NLG Liebherr Tooling Catalogue

## Mounting Device PN: 5665B0000-01

✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM No.: TBD

Function: SCOV POST PN: 4818B0000-01 seal installation set transfer tube Tool  
 PN: 5665B0000-01 capable only on SCOV side



- NOTE: POST SCOV PN: 4818B0000-01 has a higher transfer tube diameter on SCOV side  
 For SCOV PN: 4818B0000-01 Tool Set PN: 5665A0000-01 AND PN: 566B0000-01 required
- Both tools necessary for LLI SB-4816A-32-16 & SB-6406A-32-03 (Modified SCOV PN: 4818B0000-01)

# A350 NLG Liebherr Tooling Catalogue

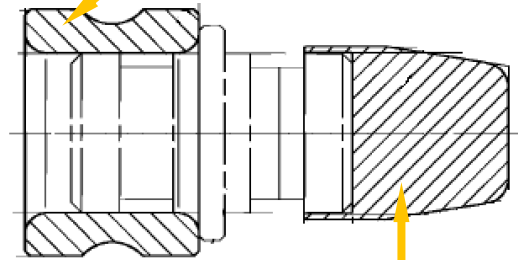
## Mounting Device PN: 5662A0000-01

✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM No.: TBD

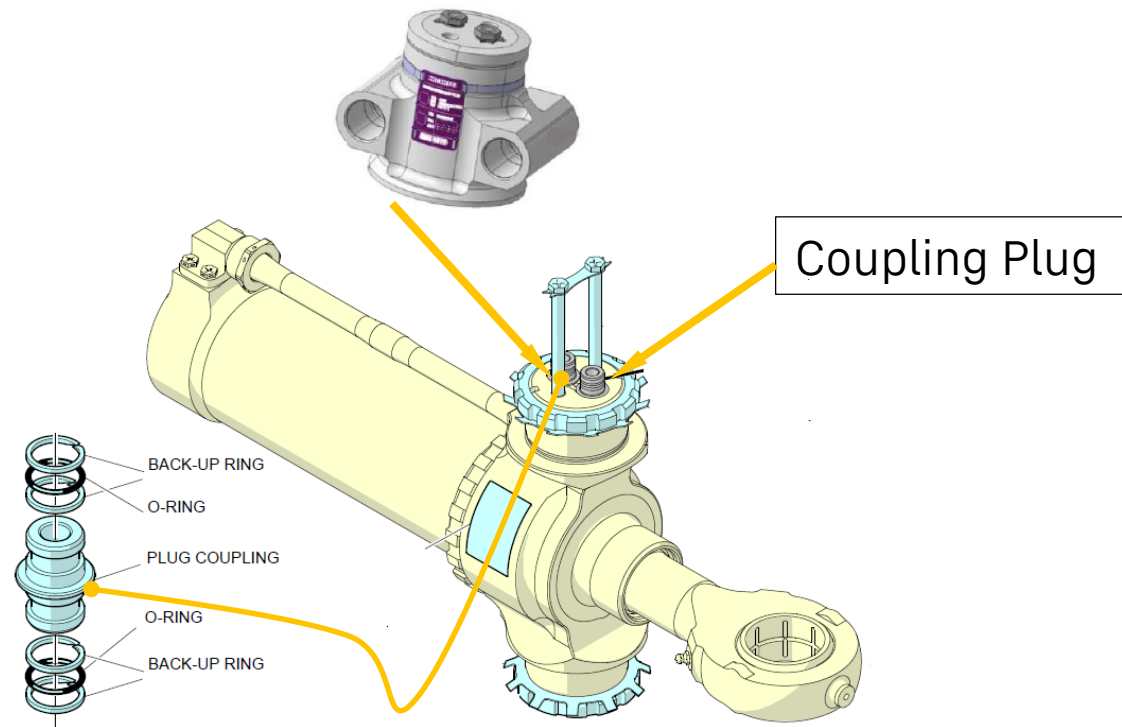
Function: Coupling Plug seal installation Set (O-Ring & Back-up Ring)

Tool PN: 5662-0002



Tool PN: 5662-0001

POST-MOD: PNR 4818B0000-01



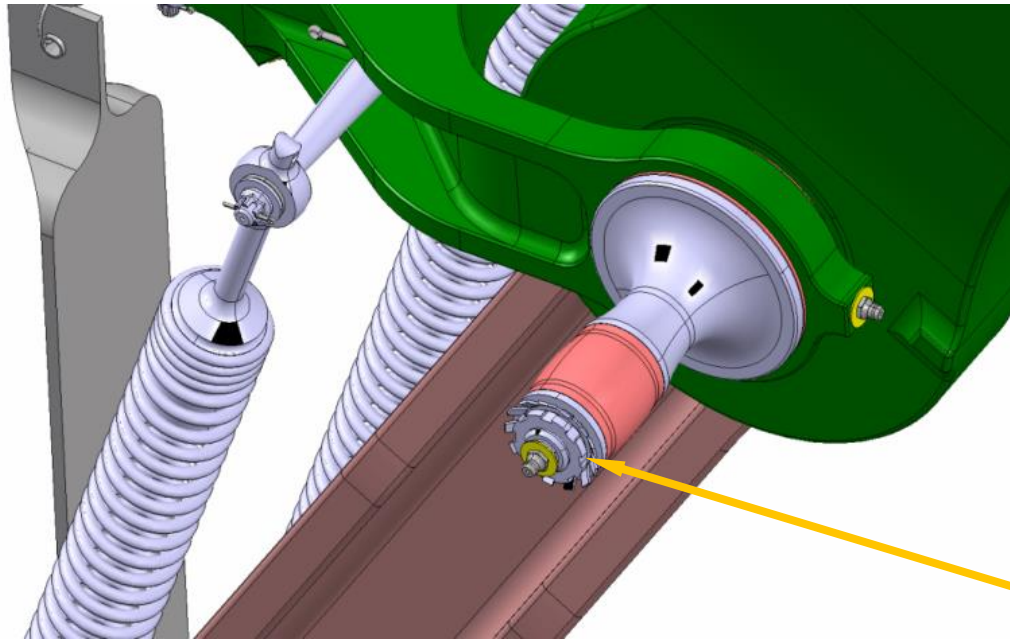
Tool necessary for LLI SB-4816A-32-16 & SB-6406A-32-03



# A350 NLG Liebherr Tooling Catalogue

## 6287A0000-01 Uplock Roller Nut

Function: Removal of Uplock Roller Nut



✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM No.: TBD

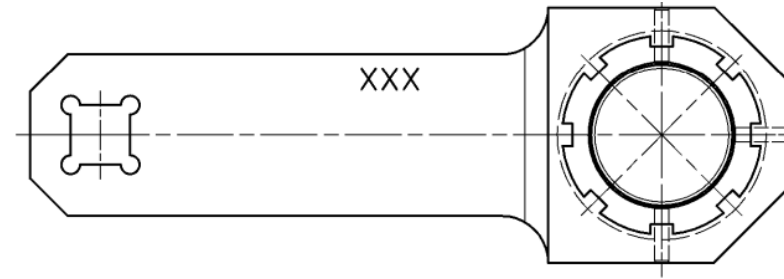
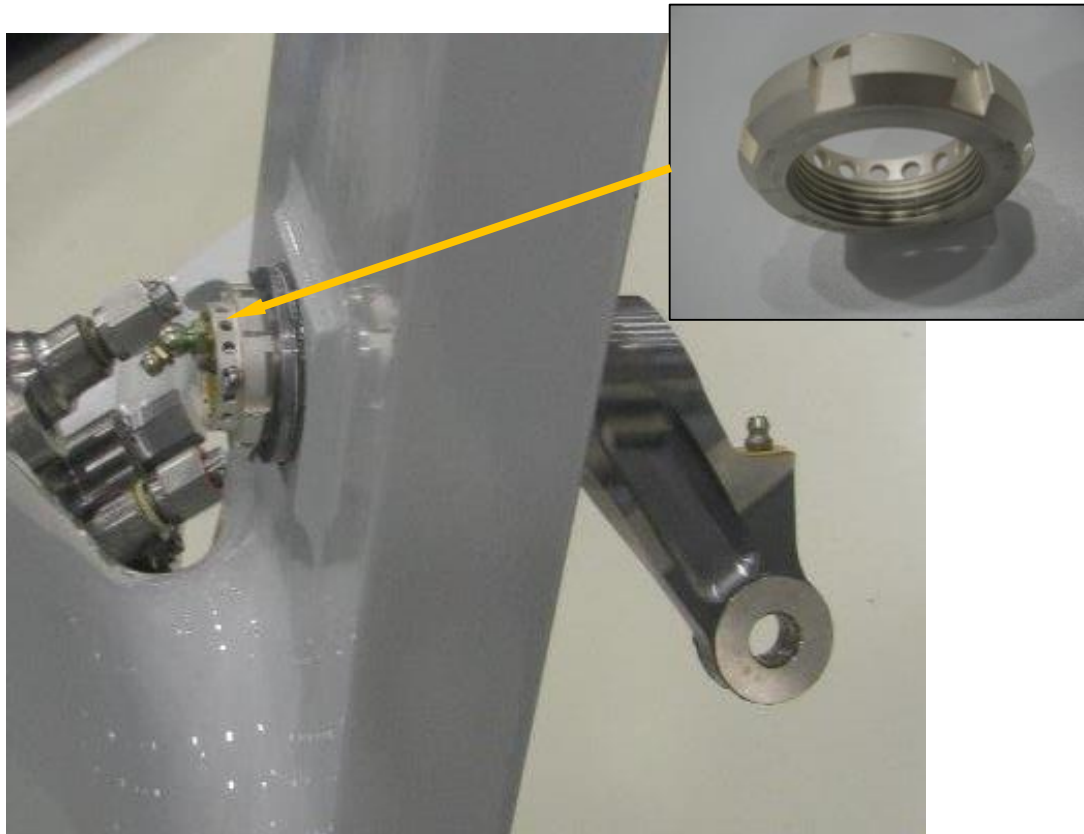
# A350 NLG Liebherr Tooling Catalogue

## 6286A0000-01 Bolt Door Stop

✓	Line Maintenance	✓	4816A0000-06
✗	Heavy Maintenance	✓	6406A0000-01

Ref.: TEM No.: TBD

Function: Removal of Crank Bolt Door Stop



## A350 NLG Liebherr Tooling Cataloge

# REVISION RECORD

PAGE	DATE	CHANGE	REMARK
1	02.2018	PROCURABLE SET PN: 6904A0000-02 to 6904A0000-01	TYPO / REF. BOM
2	02.2018	PROCURABLE SET PN: 6904A0000-02 to 6904A0000-01	TYPO / REF. BOM
3	02.2018	PN: 6904A0000-02 to 6904A0000-01	TYPO / REF. BOM
6/17/27/53	02.2018	TEM ref. number added	TEM available
6	02.2018	PN: 6904A9800-01 and PN: 6904A9700-01 added	TEM available
27	10.2018	Insert PNs 6260A2100 & 2200 added	REF. BOM
37	10.2018	Didsbury Hoist Kit added	N.A
8-56	08.2019	A350 NLG PN & Maintenace Traffic Light added	N.A
55	05.03.2020	New Transfer Tube Seal Installation Tooling added	N.A
39	16.07.2021	Tool radius diffrence for A350 800/900 and Common NLG	N.A
56	08.10.2021	Coupling Plug Seal installation tool introduced	N.A
All	27.05.2022	Change to corporate identity	N.A

# REVISION RECORD

PAGE	DATE	CHANGE	REMARK
37	04.05.2022	Datenblatt ID 11044715 added	N/A
36	04.05.2022	Specific locking pin note added – only one locking pin can be activated	N/A

# Thank you for your attention

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