

A320neo COLLINS

NACELLE TOOLING CATALOG



A320NEO GSE TOOLS

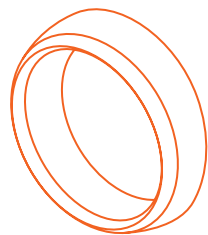
We have the capability to provide you all recommended GSE's based on the Aircraft Maintenance Manual (AMM) for your EIS (Entry-into-Service) program, and all your maintenance operations.

Thanks to our Tooling recommendation team, we can propose you a tailored tooling list for your maintenance workscope.



CATEGORY	PART NUMBER	NAME	MINIMAL QT FOR EIS
 INLET COWL	636-1100-1GSE	Inlet Cowl Sling	1
	636-1100-2GSE	Inlet Cowl Dolly	1
	636-1100-3GSE	Inlet Cowl Protective Blanket	1
	636-0001-4GSE	Inlet Cowl Lip Cover	2
 FAN COWLS	636-2000-17GSE	Fan Cowl Handling Sling	1
	636-2000-18GSE	Fan Cowl Dolly	1
	636-2000-19GSE	Fan Cowl Hinge Bolt Thread Protectors	1
 THRUST REVERSER	636-3000-7GSE	Thrust Reverser Handling Sling	1
	636-3000-8GSE	Thrust Reverser Dolly	1
	636-3000-9GSE	Thrust Reverser Hinge Bolt Thread Protectors	1
	636GSE3009-901	Thrust Reverser Hold Open Strut To Pylon	1
	636-3000-11GSE	Thrust Reverser C-Duct Cover	2
	636-3000-12GSE	Thrust Reverser Acoustic Panel Protective	1
	636-3000-13GSE	Thrust Reverser Manual Hydraulic Opening System	1
	636-3000-25GSE	Thrust Reverser DOS Installation Aid	1
	636-3000-26GSE	Thrust Reverser Vapor Barrier Seal Protector	1
	636-3000-28GSE	Thrust Reverser Actuator Primary Lock Pin	1
	636-3501-34GSE	Translating Sleeve	1
	636-3000-35GSE	Latch Pressure Tester	1
	636GSE9014-901	Nai Sense Line Fitting GSE	1
 NOZZLE & CENTER BODY	636-4250-21GSE	Exhaust Nozzle I/R Lifting Aid	1
	636-4000-22GSE	Exhaust Dolly	0
	636-4000-23GSE	Exhaust Exit Area Plug	2
	636-1000-27GSE	Pylon ECS Interface Duct Support	1
 ENGINE MOUNT	636-1000-29GSE	PW & CFM Hoisting Device - Engine Mount FWD	1
	636-1000-30GSE	PW & CFM Hoisting Device - Engine Mount AFT	1
	636-1000-31GSE	PW & CFM Support Beam Engine Mounts	1
	636-1000-32GSE	PW & CFM Blocking Device - Engine Mount AFT	1
	636-1000-33GSE	PW & CFM Pin Extractor - Engine Mount AFT	1

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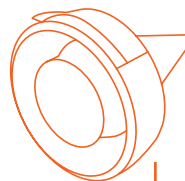
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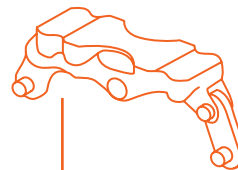
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INLET COWL SLING

⚙️ DESCRIPTION – USE

This tool is used to lift and rotate the A320neo Inlet Cowl from the staging platform into aircraft orientation.

⚠️ CAUTION

This tool is the only tool validated to lift the A320neo Inlet Cowl. If the Inlet Cowl is lifted with another tool, and there is damage, the insurance company may not cover the damage.

✚ **DIMENSIONS**
3200 x 600 x 500 mm
[126 x 24 x 20 in]

⚖️ **WEIGHT**
150 kg [330 lbs]



636-1100-1GSE





INLET COWL DOLLY

⚙️ DESCRIPTION - USE

This tool is used to hold and transport the Inlet Assy for storage, local transportation and maintenance.



⚠️ CAUTION

This tool has been validated for the maintenance of the A320neo Inlet Cowl. If the Inlet Cowl is moved or repaired on another tool and there is damage,



DIMENSIONS

3300 x 2100 x 3000 mm
[130 x 83 x 118 in]



WEIGHT

950 kg [2,094 lbs]



INLET COWL PROTECTIVE BLANKET

⚙️ DESCRIPTION – USE

This tool is used as a protective rug on the Thrust Reverser acoustic surface during Thrust Reverser maintenance, removal or installation activity.



✚ **DIMENSIONS**
800 x 300 x 300 mm
[32 x 12 x 12 in]

⚖️ **WEIGHT**
20 kg [44 lbs]

The pictures, measurements, and weights shall be used only as an indication.



INLET COWL LIP COVER

DESCRIPTION – USE


This tool is used to protect Inlet from foreign objects during parking and mooring.

CAUTION

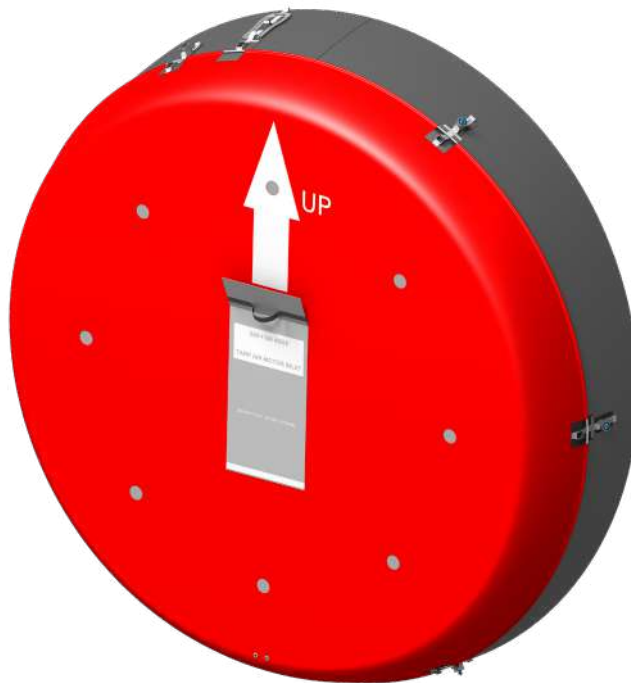
Without the Inlet Cowl Lip Cover, water, dust or wind can go inside the Engine.

- > *Water retention: accelerates corrosion.*
- > *Dust: the engine could be damaged during the ignition.*
- > *Wind: allows blade rotation which may cause damage.*

 **DIMENSIONS**
500 x 400 x 400 mm
[20 x 16 x 16 in]

 **WEIGHT**
3 kg [7 lbs]

The pictures, measurements, and weights shall be used only as an indication.



636-0001-4GSE





THRUST REVERSER HANDLING SLING

⚙️ DESCRIPTION – USE

This tool is used to move the Thrust Reverser halves (LH & RH) from the aircraft wing to Dolly (636-3000-8-GSE "turtleback" orientation) and from Dolly to aircraft wing.

⚠️ CAUTION

This tool is the only tool validated to lift the A320neo Thrust Reverser. If the Thrust Reverser is lifted using another tool, and there is damage, the insurance may not cover the damage.

✚ **DIMENSIONS**
1450 x 1300 x 800 mm
[52 x 52 x 32 in]

⚖️ **WEIGHT**
260 kg [574 lbs]



636-3000-7GSE





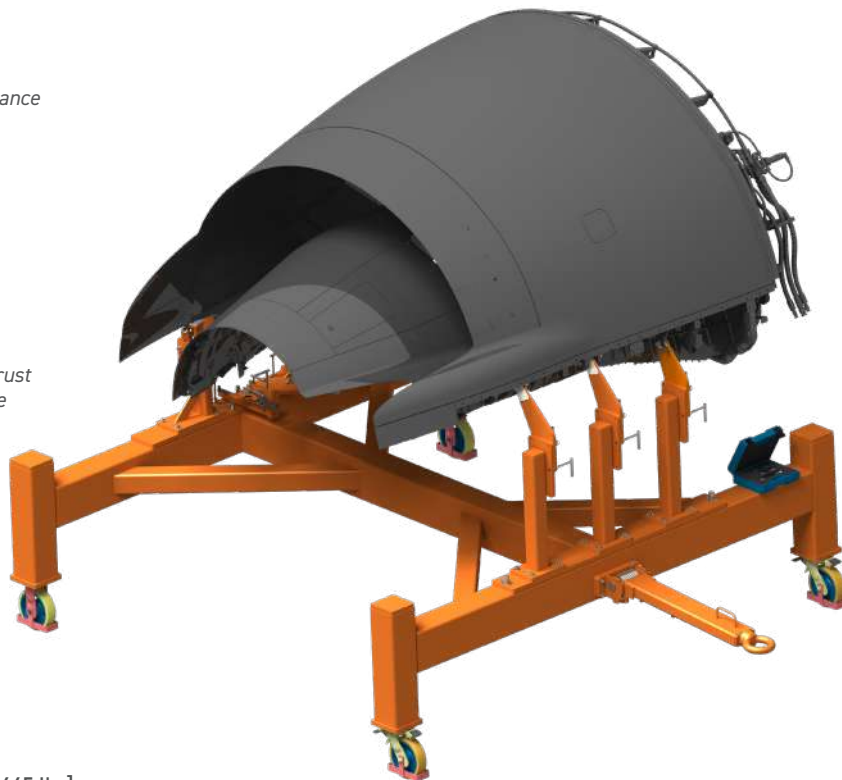
THRUST REVERSER DOLLY

⚙️ DESCRIPTION – USE

This tool is used for transportation and maintenance of Thrust Reverser (LH & RH).

⚠️ CAUTION

When the Thrust Reverser is removed from the aircraft using the Thrust Reverser Sling, the Thrust Reverser Dolly is needed to store or work on the Thrust Reverser.



✚️ **DIMENSIONS**
2700 x 2700 x 1550 mm
[107 x 107 x 62 in]

⚖️ **WEIGHT**
1200 kg [2,645 lbs]

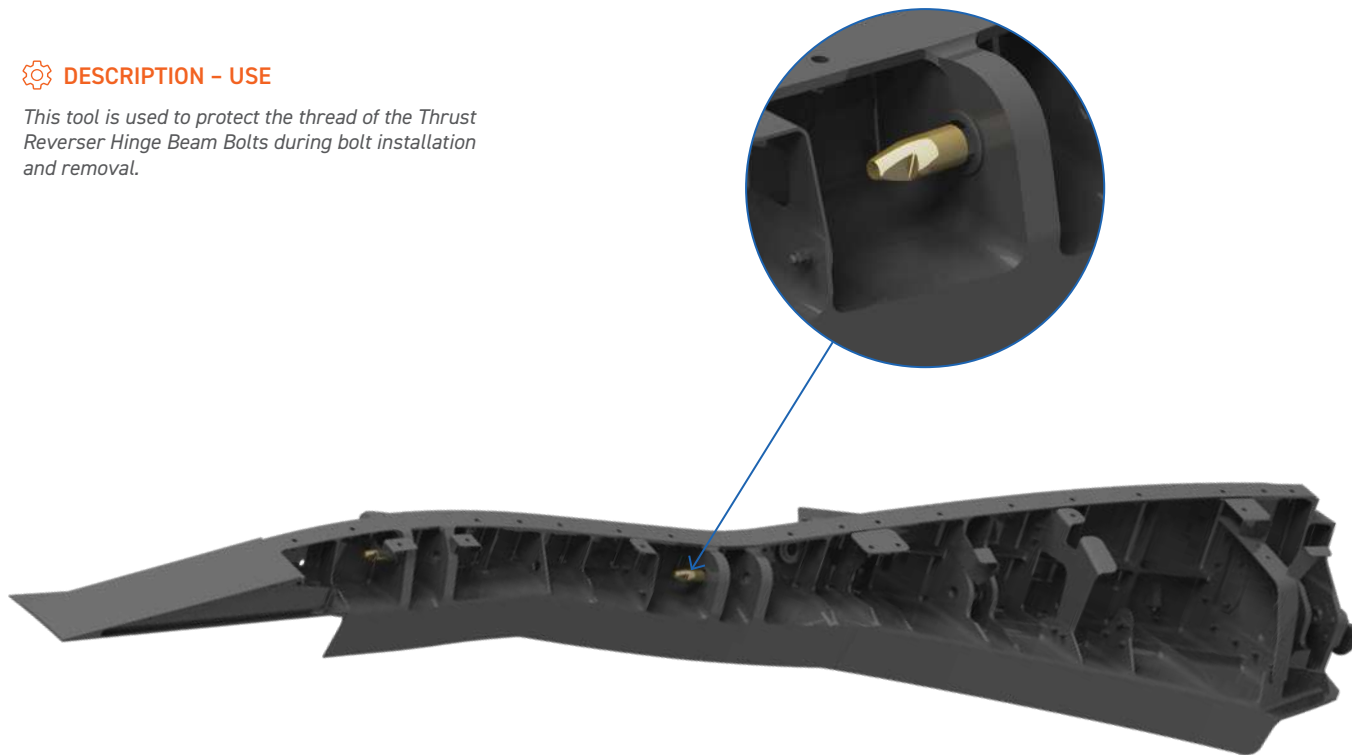
The pictures, measurements, and weights shall be used only as an indication.



THRUST REVERSER HINGE BOLT THREAD PROTECTORS

⚙️ DESCRIPTION - USE

This tool is used to protect the thread of the Thrust Reverser Hinge Beam Bolts during bolt installation and removal.



⚙️ **DIMENSIONS**
500 x 400 x 300 mm
[20 x 16 x 12 in]

⚖️ **WEIGHT**
5 kg [12 lbs]

636-3000-9GSE





THRUST REVERSER HOLD OPEN STRUT TO PYLON

⚙️ DESCRIPTION – USE

- 1- Hold open strut is adjustable and is used to hold the Thrust Reverser open at 45 degrees during Engine removal.
- 2- To compress and protect Hinge Beam Seal during Engine removal.
- 3- To keep hinge beam located axially at R3 hinge during Engine removal.
- 4- To keep both Fan Cowl and Thrust Reverser open during Engine removal.

⚠️ ! CAUTION

This tool is mandatory for this task. If not used the Thrust Reverser or the Pylon can be damaged.

✓ TEST

Dedienne Aerospace has regional facilities to aid

✚ **DIMENSIONS**
1700 x 1000 x 500 mm
[67 x 40 x 20 in]

⚖️ **WEIGHT**
110 kg [243 lbs]



636GSE3009-901

EIS



THRUST REVERSER C-DUCT COVER

⚙️ DESCRIPTION – USE

This tool is used to cover the bypass duct between the Translating Sleeve and Inner Fixed Structure (LH and RH).

⚠️ CAUTION

Without the Thrust Reverser C-Duct Cover, water, dust or wind can go inside the engine.

- > Water retention: accelerates corrosion.*
- > Dust: the engine could be damaged during the ignition.*
- > Wind: allows blade rotation which may cause damage.*

✚ **DIMENSIONS**
2100 x 1100 x 650 mm
[83 x 44 x 26 in]

⚖️ **WEIGHT**
105 kg [232 lbs]



636-3000-11GSE





THRUST REVERSER ACOUSTIC PANEL PROTECTIVE

⚙️ DESCRIPTION – USE

This tool is used as a protective rug on the Thrust Reverser acoustic surface during Thrust Reverser maintenance, removal or installation activity.

✚ **DIMENSIONS**
850 x 400 x 200 mm
[34 x 16 x 8 in]

⚖️ **WEIGHT**
20 kg [45 lbs]



636-3000-12GSE



THRUST REVERSER MANUAL HYDRAULIC OPENING SYSTEM

⚙️ DESCRIPTION – USE

This tool is a manual hydraulic system and is used in conjunction with the thrust reverser Door Opening System (DOS) actuator. The tool is used to open the Thrust Reverser half on A/C wing and hold open. The tool is also used to lower the Thrust Reverser half back to the closed position.

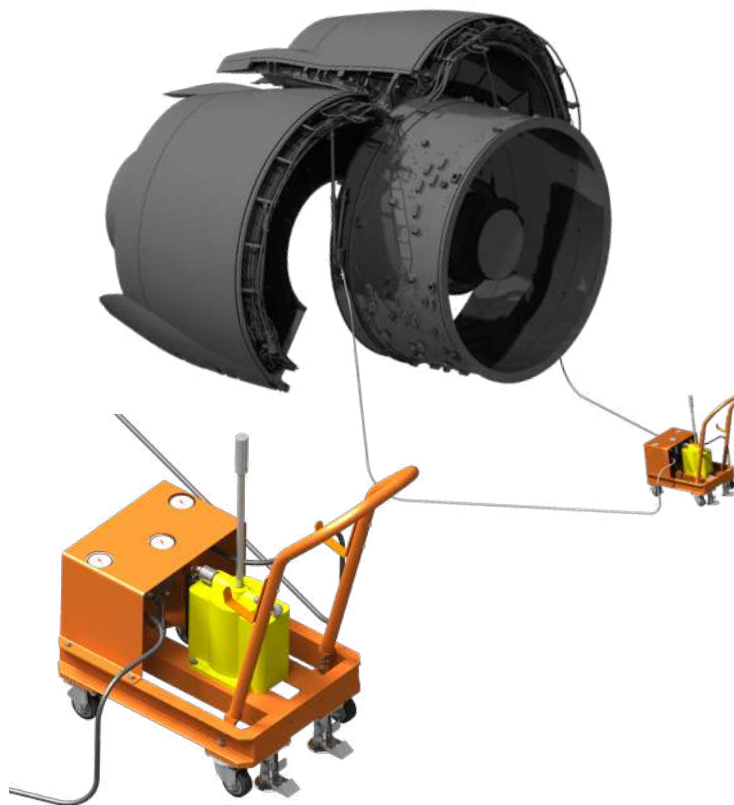
⚠️ CAUTION

The Thrust Reverser Hydraulic Opening System or pump has been designed for use on the A320neo. If another pump is used to open the C-Ducts and there is damage, the damage may not be covered by the insurance.

✅ TEST

✚ **DIMENSIONS**
1000 x 1000 x 1100 mm
[40 x 40 x 44 in]

⚖️ **WEIGHT**
100 kg [221 lbs]



636-3000-13GSE

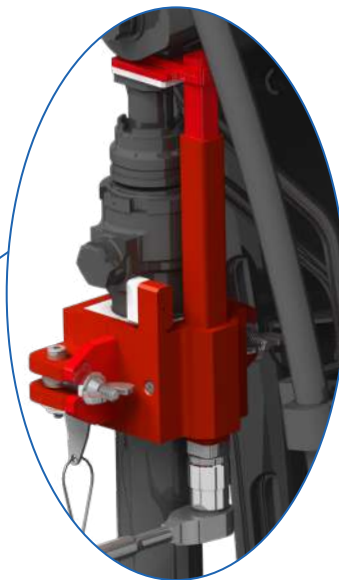
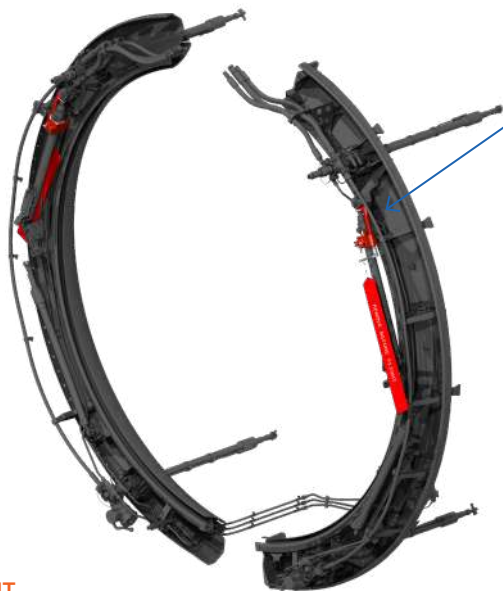




THRUST REVERSER DOS INSTALLATION AID

⚙️ DESCRIPTION – USE

This tool is used to compress Thrust Reverser DOS upper ROD end to Thrust Reverser DOS actuator body to facilitate the installation of Thrust Reverser DOS on both LH and RH.



⊕ **DIMENSIONS**
500 x 300 x 300 mm
[20 x 12 x 12 in]

⚖️ **WEIGHT**
6 kg [14 lbs]

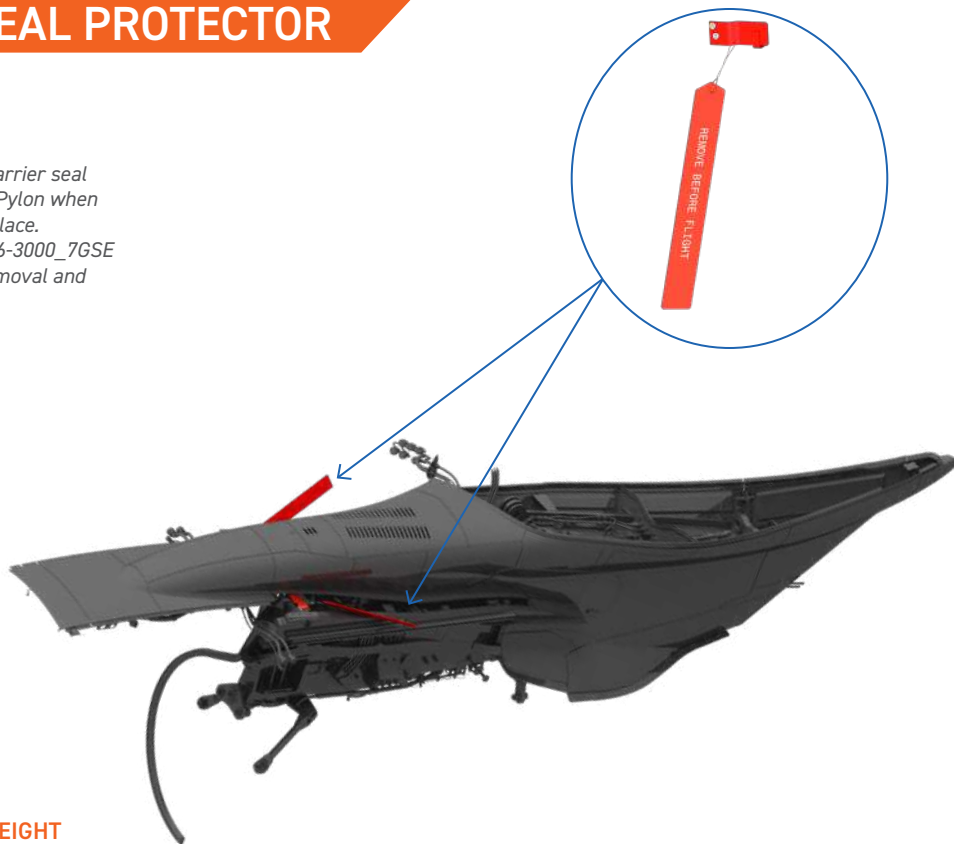
The pictures, measurements, and weights shall be used only as an indication.



THRUST REVERSER VAPOR BARRIER SEAL PROTECTOR

DESCRIPTION - USE

This tool is used to protect the vapor barrier seal (LH & RH) from being damaged by the Pylon when Hinge Access Panels (HAP) are not in place.
This tool is used in conjunction with 636-3000_7GSE & 636-3000_10GSE for Engine drop/removal and Thrust Reverser installation/removal.



DIMENSIONS
500 x 400 x 250 mm
[20 x 16 x 10 in]

WEIGHT
4 kg [9 lbs]

636-3000-26GSE

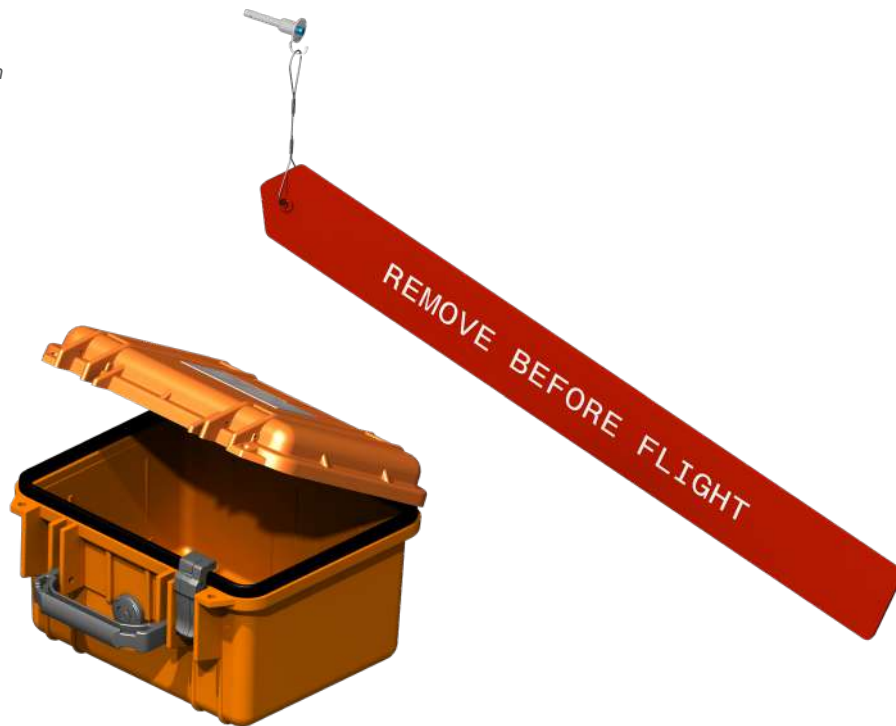




THRUST REVERSER ACTUATOR PRIMARY LOCK PIN

⚙️ DESCRIPTION – USE

This tool is used to pin the Track Lock Mechanism in the "locked" or the "unlocked" position.



✚️ **DIMENSIONS**
600 x 400 x 200 mm
[24 x 16 x 8 in]

⚖️ **WEIGHT**
3 kg [7 lbs]

The pictures, measurements, and weights shall be used only as an indication.



TRANSLATING SLEEVE

⚙️ DESCRIPTION – USE

This tool is used to remove translating sleeve after Thrust Reverser is removed from wing.

⚠️ CAUTION

This Sling is a lifting tool and it's the only tool validated to lift the A320neo Translating Sleeve. If the Translating Sleeve is lifted with another tool, and there is damage, insurance may not cover the damage.

✅ TEST

✚ **DIMENSIONS**
1000 x 500 x 400 mm
[40 x 20 x 16 in]

⚖️ **WEIGHT**
40 kg [89 lbs]



636-3501-34GSE

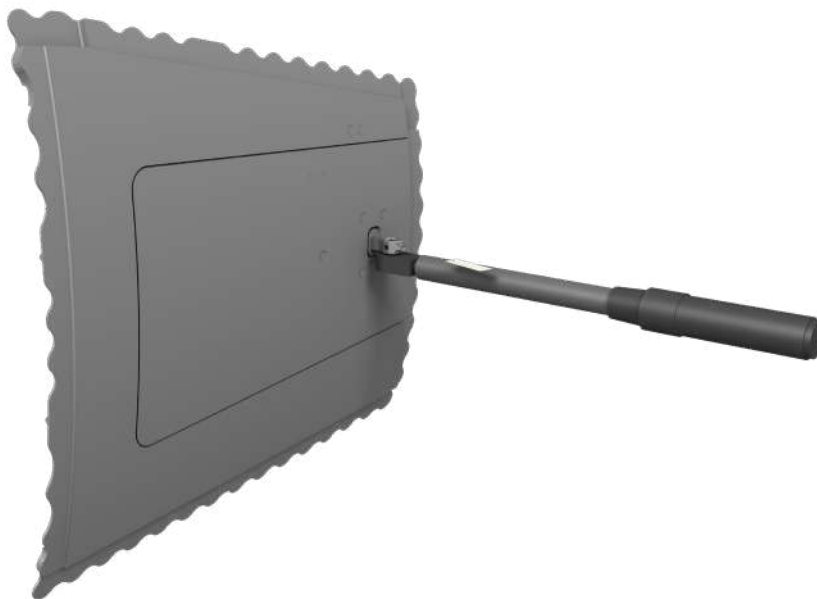




LATCH PRESSURE TESTER

⚙️ DESCRIPTION – USE

This tool is used to verify the latch tension is set correctly and to release at a predetermined load.



⬆️➡️ **DIMENSIONS**
350 x 200 x 200 cm
[14 x 8 x 8 in]

⚖️ **WEIGHT**
1 kg [3 lbs]

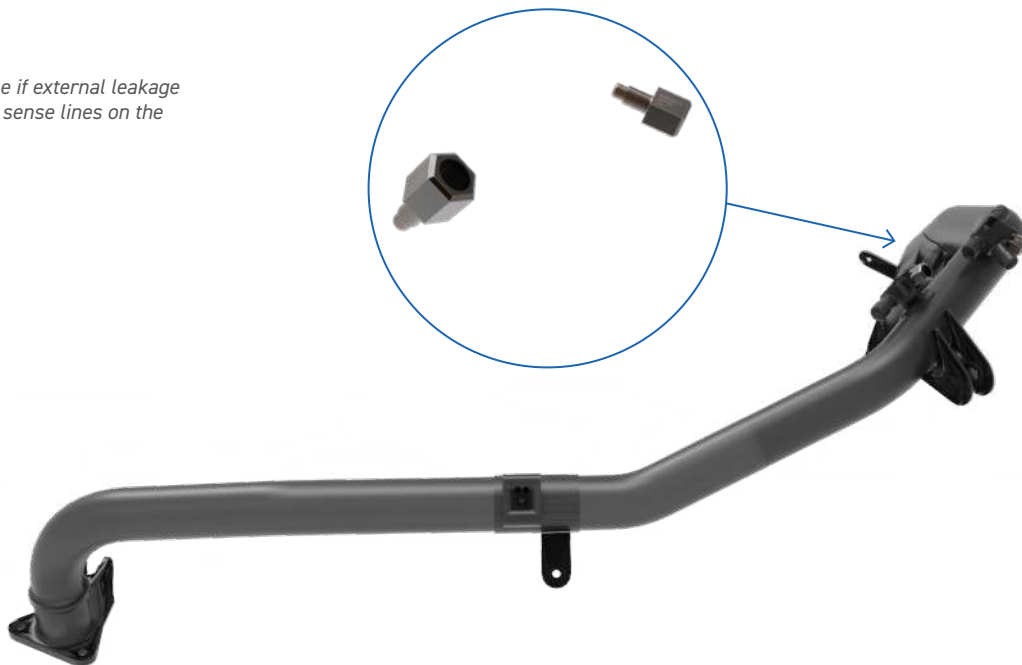
The pictures, measurements, and weights shall be used only as an indication.




NAI SENSE LINE FITTING GSE

DESCRIPTION – USE

This Tool is used to determine if external leakage is present at EBU pneumatic sense lines on the PW1100G engine.



 **DIMENSIONS**
350 x 200 x 200 mm
[14 x 8 x 8 in]

 **WEIGHT**
1 kg [3 lbs]

The pictures, measurements, and weights shall be used only as an indication.



FAN COWL HANDLING SLING

⚙️ DESCRIPTION – USE

This tool is used to lift and rotate the A320neo Fan Cowl door from the staging platform into aircraft orientation. The tool is suitable for LH and RH use.



⚠️ CAUTION

This Sling is a lifting tool and it's the only tool validated to lift the A320neo Fan Cowl. If the Fan Cowl is lifted with another tool, and there is damage, insurance may not cover the damage.



✅ TEST

Dedienne Aerospace has regional facilities to aid in the required annual testing and recertification.



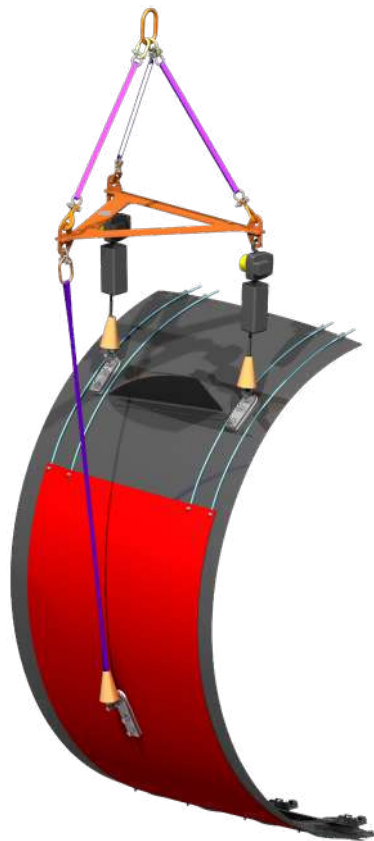
➦ DIMENSIONS

1500 x 1400 x 600 mm
[60 x 56 x 24 in]



⚖️ WEIGHT

115 kg [254 lbs]



636-2000-17GSE





FAN COWL DOLLY

⚙️ DESCRIPTION – USE

This tool is used to locate and hold the LH & RH Fan Cowl assemblies at the edges for storage or local transportation.

⚠️ CAUTION

After using the Fan Cowl Sling (-17GSE) to remove a Fan Cowl from the Engine, the Fan Cowl Dolly (-18GSE) is needed to move, store or do maintenance on the Fan Cowl.

✚ **DIMENSIONS**
3400 x 1900 x 1300 mm
[134 x 75 x 52 in]

⚖️ **WEIGHT**
350 kg [772 lbs]



636-2000-18GSE





FAN COWL HINGE BOLT THREAD PROTECTORS

⚙️ DESCRIPTION – USE

This tool is used to protect the thread of the Fan Cowl hinge beam bolts and bushings during bolts installation and removal.

⚙️ **DIMENSIONS**
500 x 400 x 300 mm
[20 x 16 x 12 in]

⚖️ **WEIGHT**
6 kg [14 lbs]



636-2000-19GSE





EXHAUST NOZZLE I/R LIFTING AID

⚙️ DESCRIPTION – USE

This tool is used to transport, hold and position the A320neo Exhaust Nozzle during installation. The tool is suitable for both right- and left-handed use.

⚠️ CAUTION

This Aid is a lifting tool and it is the only tool validated to lift the A320neo Nozzle. If the Nozzle is lifted with another tool, and there is damage, the insurance may not cover that damage.

✅ TEST

Dedienne Aerospace has regional facilities to aid

✚ **DIMENSIONS**
1600 x 1100 x 1300 mm
[63 x 44 x 52 in]

⚖️ **WEIGHT**
200 kg [441 lbs]



636-4250-21GSE





EXHAUST DOLLY

DESCRIPTION - USE

This tool is used for transportation and storage of FWD centerbody, AFT Center body and Exhaust Nozzle assy's.



 **DIMENSIONS**
1200 x 1100 x 1000 mm
[48 x 44 x 40 in]

 **WEIGHT**
225 kg [496 lbs]

The pictures, measurements, and weights shall be used only as an indication.



EXHAUST EXIT AREA PLUG

DESCRIPTION – USE

This tool is used to prevent foreign objects from entering open areas between Exhaust Nozzle and Exhaust Centre body during parking or mooring.

CAUTION

Without the Exhaust Exit Area Plug, water, dust or wind can go inside the engine.

- > Water retention: accelerates corrosion.
- > Dust: the engine could be damaged during the ignition.
- > Wind: allows blade rotation which may cause damage.

The Engine warranty may be void if the Covers



DIMENSIONS
1000 x 500 x 450 mm
[40 x 20 x 18 in]

WEIGHT
25 kg [56 lbs]

The pictures, measurements, and weights shall be used only as an indication.



636-4000-23GSE

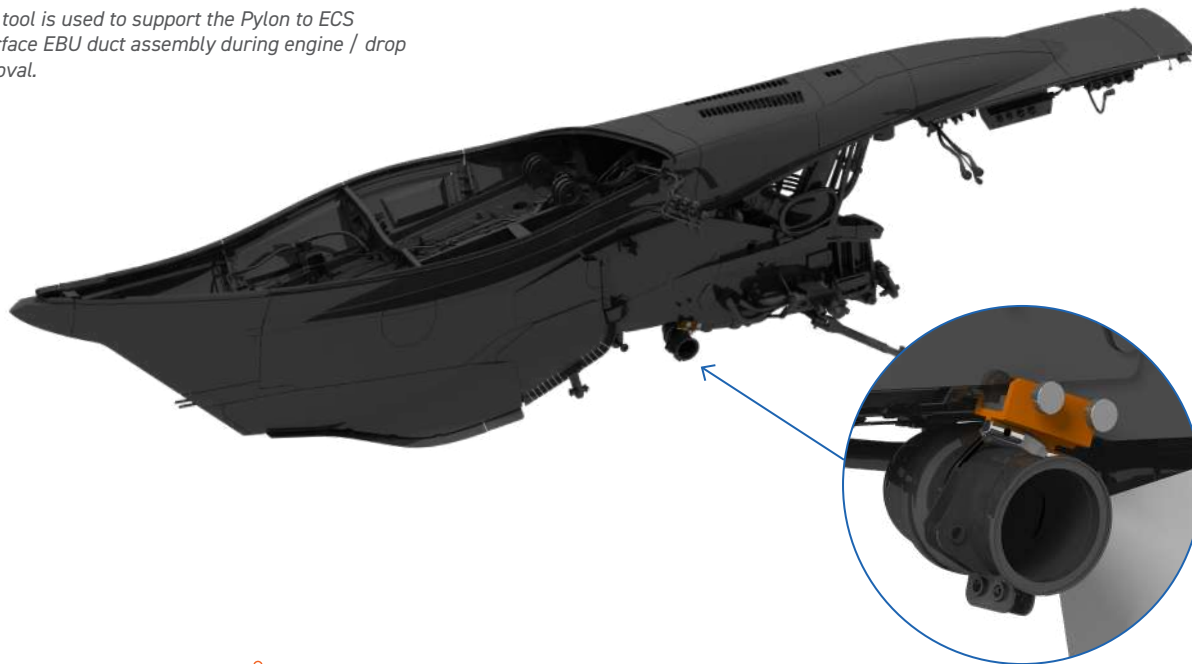




PYLON ECS INTERFACE DUCT SUPPORT

⚙️ DESCRIPTION - USE

This tool is used to support the Pylon to ECS interface EBU duct assembly during engine / drop removal.



⚙️ **DIMENSIONS**
500 x 300 x 300 mm
[20 x 12 x 12 in]

⚖️ **WEIGHT**
3 kg [7 lbs]

The pictures, measurements, and weights shall be used only as an indication.



PW & CFM HOISTING DEVICE ENGINE MOUNT FWD

⚙️ DESCRIPTION – USE

*This tool is used to ensure the removal
and the installation of the Engine Mount FWD.*

⚠️ CAUTION

*This Aid is a lifting tool and it is the only tool
validated to lift the A320neo Engine Mount.
If the Engine Mount is lifted with another tool,
and there is damage, the insurance may not cover
the damage.*

✓ TEST

✚ **DIMENSIONS**
600 x 500 x 250 mm
[24 x 20 x 10 in]

⚖️ **WEIGHT**
16 kg [36 lbs]



636-1000-29GSE





PW & CFM HOISTING DEVICE ENGINE MOUNT AFT

⚙️ DESCRIPTION – USE

This tool is used to ensure the removal and the installation of the Engine Mount AFT.

⚠️ CAUTION

This Aid is a lifting tool and it is the only tool validated to lift the A320neo Engine Mount. If the Engine Mount is lifted with another tool, and there is damage, the insurance may not cover the damage.

✓ TEST

Dedienne Aerospace has regional facilities to aid

✚ **DIMENSIONS**
800 x 600 x 400 mm
[32 x 24 x 16 in]

⚖️ **WEIGHT**
20 kg [45 lbs]



636-1000-30GSE






PW & CFM SUPPORT BEAM ENGINE MOUNTS

DESCRIPTION - USE

This tool is used to prevent the displacement or vibration of the Engine Mounts during transportation.



 **DIMENSIONS**
1000 x 400 x 250 mm
[40 x 16 x 10 in]

 **WEIGHT**
20 kg [45 lbs]

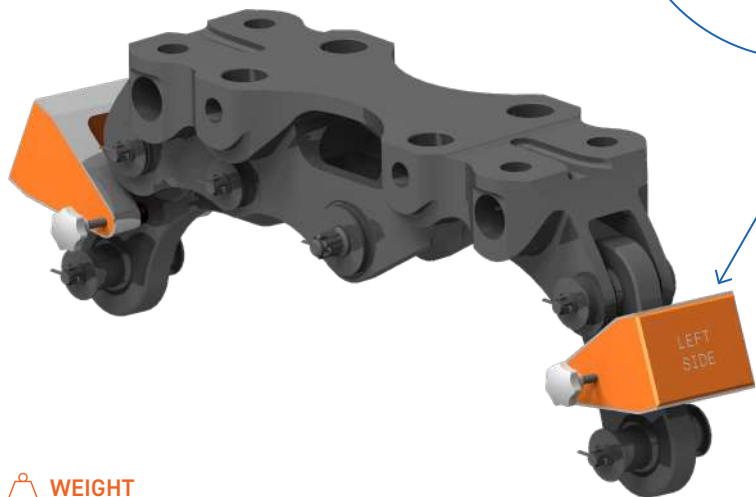
The pictures, measurements, and weights shall be used only as an indication.



PW & CFM BLOCKING DEVICE ENGINE MOUNT AFT

⚙️ DESCRIPTION - USE

These tools are used to block the displacement of the Engine Mounts during maintenance.



⛶ **DIMENSIONS**
500 x 500 x 500 mm
[20 x 20 x 20 in]

⚖️ **WEIGHT**
3 kg [7 lbs]

The pictures, measurements, and weights shall be used only as an indication.



PW & CFM PIN EXTRACTOR ENGINE MOUNT AFT

⚙️ DESCRIPTION – USE

This tool is used to extract the AFT Engine Mount pin.



⛶ **DIMENSIONS**
400 x 400 x 400 mm
[20 x 20 x 20 in]

⚖️ **WEIGHT**
4 kg [9 lbs]

The pictures, measurements, and weights shall be used only as an indication.

636-1000-33GSE





PW1100 ENGINE STAND

⚙️ DESCRIPTION - USE

This tool is used to transport the PW1100 for A320neo family. The trolley is used for installation/removal tasks with Bootstrap. The PW1100 stand is designed to do the transportation in the airbus A330F.

✓ TEST

Dedienne Aerospace has regional facilities to aid in the required annual testing and recertification.

✚ DIMENSIONS

3930 x 2430 x 1680 mm
[155 x 96 x 67 in]

⚖️ WEIGHT

2569 kg [5,663 lbs]



D71STA00022G03



- MANUFACTURING PLANT
- SUPPLY CHAIN FACTORY
- SERVICE CENTER & LOGISTIC
- SALES OFFICE

SALES & TECHNICAL SUPPORT

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03 MIDDLE EAST, AFRICA & TURKEY	sales.mea@dedienne-aero.com	support.mea@dedienne-aero.com
04 INDIA	sales.india@dedienne-aero.com	support.india@dedienne-aero.com
05 SINGAPORE & ASIA PACIFIC	sales.sea@dedienne-aero.com	support.sea@dedienne-aero.com
06 CHINA & HONG-KONG	sales.cn@dedienne-aero.com	support.cn@dedienne-aero.com



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