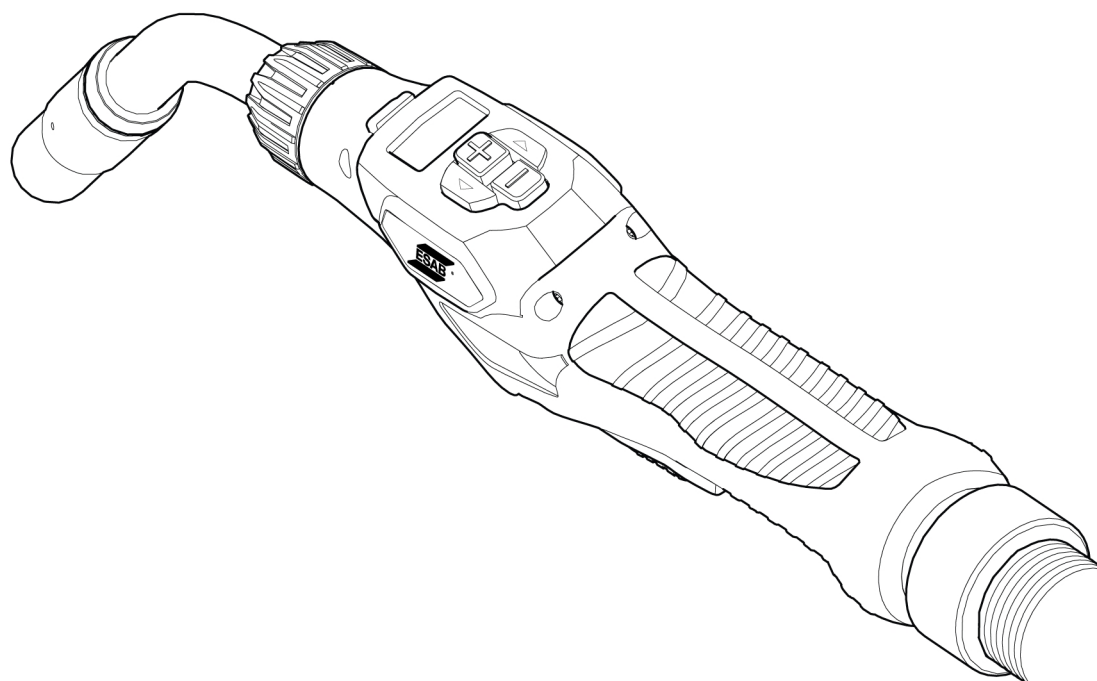




PP 350w Torch



Instruction manual



EU DECLARATION OF CONFORMITY

According to:

The Low Voltage Directive 2014/35/EU;
The RoHS Directive 2011/65/EU

The EMC Directive 2014/30/EU;

Type of equipment

MIG/MAG welding torch

Type designation

Liquid cooled variant: ESAB PP350W

Brand name or trademark

ESAB

Manufacturer or his authorised representative established within the EEA

ESAB AB

Lindholmsallén 9, Box 8004, SE-402 77 Göteborg, Sweden

Phone: +46 31 50 90 00, www.esab.com

The following EN standards and regulations in force within the EEA has been used in the design:

EN IEC 60974-7:2019	Arc welding equipment - Part 7: Torches
IEC 60974-10 2020	Arc Welding Equipment - Part 10: Electromagnetic compatibility (EMC) requirements

Additional Information:

Restrictive use, Class A equipment, intended for use in locations other than residential.

By signing this document, the undersigned declares as manufacturer, or the manufacturer's authorised representative established within the EEA, that the equipment in question complies with the safety and environmental requirements stated above.

Place/Date

Signature

CE

Gothenburg
2025-05-15

Peter Burchfield
General Manager, Equipment Solutions

1	SAFETY	4
1.1	Meaning of symbols	4
1.2	Safety Precautions	4
2	INTRODUCTION	7
3	TECHNICAL DATA	8
4	TRANSPORT AND STORAGE	9
5	INSTALLATION	10
5.1	Environmental conditions	10
5.2	Connecting the EURO torch	10
5.3	Connecting the TWECO torch	11
5.4	Setting the pressure rolls	11
5.4.1	Drive roll options	11
5.4.2	Changing the feed roll	12
5.4.3	Changing the pressure roll	12
5.4.4	Managing the pressure	13
5.5	Preparation	13
5.5.1	Loading the torch	14
6	OPERATION	16
6.1	Remote module	16
6.1.1	Starting procedure	16
6.1.2	Torch configuration	16
6.1.3	Functions	17
6.1.4	Warning / Error	19
7	MAINTENANCE	20
7.1	Routine maintenance	20
7.1.1	Daily checks	20
7.1.2	Cleaning the nozzle	21
7.1.3	Cleaning the liner	21
7.2	Replacing components	22
7.2.1	Replacing the nozzle	22
7.2.2	Replacing the contact tip and the tip adapter	23
7.2.3	Replacing the swan-neck	23
7.2.4	Replacing the liner	24
8	TROUBLESHOOTING	27
9	DISPOSAL	30
10	ORDERING SPARE PARTS	31
	ORDERING NUMBERS	32
	WEAR PARTS	33

1 SAFETY

1.1 Meaning of symbols

As used throughout this manual: Means Attention! Be Alert!



DANGER!

Means immediate hazards which, if not avoided, will result in immediate, serious personal injury or loss of life.



WARNING!

Means potential hazards which could result in personal injury or loss of life.



CAUTION!

Means hazards which could result in minor personal injury.



WARNING!

Before use, read and understand the instruction manual and follow all labels, employer's safety practices and Safety Data Sheets (SDSs).



1.2 Safety Precautions

Users of ESAB equipment have the ultimate responsibility for ensuring that anyone who works on or near the equipment observes all the relevant safety precautions. Safety precautions must meet the requirements that apply to this type of equipment. The following recommendations should be observed in addition to the standard regulations that apply to the workplace.

All work must be carried out by trained personnel well-acquainted with the operation of the equipment. Incorrect operation of the equipment may lead to hazardous situations which can result in injury to the operator and damage to the equipment.

1. Anyone who uses the equipment must be familiar with:
 - its operation
 - location of emergency stops
 - its function
 - relevant safety precautions
 - welding and cutting or other applicable operation of the equipment
2. The operator must ensure that:
 - no unauthorized person is stationed within the working area of the equipment when it is started up
 - no-one is unprotected when the arc is struck or work is started with the equipment
3. The workplace must:
 - be suitable for the purpose
 - be free from drafts
4. Personal safety equipment:
 - Always wear recommended personal safety equipment, such as safety glasses, flame-proof clothing, safety gloves
 - Do not wear loose-fitting items, such as scarves, bracelets, rings, etc., which could become trapped or cause burns

5. General precautions:

- Make sure the return cable is connected securely
- Work on high voltage equipment **may only be carried out by a qualified electrician**
- Appropriate fire extinguishing equipment must be clearly marked and close at hand
- Lubrication and maintenance must **not** be carried out on the equipment during operation

If equipped with ESAB cooler

Use ESAB approved coolant only. Non-approved coolant might damage the equipment and jeopardize product safety. In case of such damage, all warranty undertakings from ESAB cease to apply.

For ordering information, see the "ACCESSORIES" chapter in the instruction manual.



WARNING!

Arc welding and cutting can be injurious to yourself and others. Take precautions when welding and cutting.



ELECTRIC SHOCK - Can kill

- Install and ground the unit in accordance with instruction manual.
- Do not touch live electrical parts or electrodes with bare skin, wet gloves, or wet clothing
- Insulate yourself from work and ground.
- Ensure your working position is safe



ELECTRIC AND MAGNETIC FIELDS - Can be dangerous to health

- Welders with pacemakers should consult their physician before welding. EMF may interfere with some pacemakers.
- Exposure to EMF may have other health effects which are unknown.
- Welders should use the following procedures to minimize exposure to EMF:
 - Route the electrode and work cables together on the same side of your body. Secure them with tape when possible. Do not place your body between the torch and work cables. Never coil the torch or work cable around your body. Keep welding power source and cables as far away from your body as possible.
 - Connect the work cable to the workpiece as close as possible to the area being welded.



FUMES AND GASES - Can be dangerous to health

- Keep your head out of the fumes
- Use ventilation, extraction at the arc, or both, to take fumes and gases away from your breathing zone and the general area



ARC RAYS - Can injure eyes and burn skin

- Protect your eyes and body. Use the correct welding screen and filter lens and wear protective clothing
- Protect bystanders with suitable screens or curtains



NOISE - Excessive noise can damage hearing

Protect your ears. Use earmuffs or other hearing protection.

**MOVING PARTS - Can cause injuries**

- Keep all doors, panels, guards and covers closed and securely in place.
- Have only qualified people remove covers for maintenance and troubleshooting as necessary.



- Keep hands, hair, loose clothing and tools away from moving parts.
- Reinstall panels or covers and close doors when service is finished and before starting the unit.

**FIRE HAZARD**

- Sparks (spatter) can cause fire. Therefore, make sure that there are no inflammable materials nearby
- Do not use on closed containers.

**HOT SURFACE - Parts can burn**

- Do not touch parts bare handed.
- Allow cooling period before working on equipment.
- To handle hot parts, use proper tools and/or insulated welding gloves to prevent burns.

MALFUNCTION - Call for expert assistance in the event of malfunction.

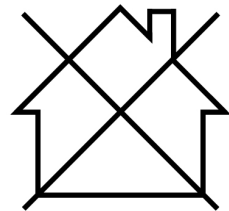
PROTECT YOURSELF AND OTHERS!

**CAUTION!**

This product is solely intended for arc welding.

**CAUTION!**

Class A equipment is not intended for use in residential locations where the electrical power is provided by the public low-voltage supply system. There may be potential difficulties in ensuring electromagnetic compatibility of class A equipment in those locations, due to conducted as well as radiated disturbances.

**NOTE!****Dispose of electronic equipment at the recycling facility!**

In observance of European Directive 2012/19/EC on Waste Electrical and Electronic Equipment and its implementation in accordance with national law, electrical and/or electronic equipment that has reached the end of its life must be disposed of at a recycling facility.

As the person responsible for the equipment, it is your responsibility to obtain information on approved collection stations.

For further information contact the nearest ESAB dealer.



ESAB has an assortment of welding accessories and personal protection equipment for purchase. For ordering information contact your local ESAB dealer or visit us on our website.

2 INTRODUCTION

This is a MIG welding torch. The push pull mechanism allows the torch to have a more consistent flow of the welding wire through the torch. The user can adjust the flow of the welding wire on the torch itself.

The package contains:

- Welding torch
- Quick Start Guide
- Safety instruction

3 TECHNICAL DATA

PP 350w	
Type of cooling	Liquid
Power rating	
Argon / Mixed gas	350 A
Duty cycle	100%
Contact tip	Ø 0.031–0.063 in (0.8–1.6 mm)
Electrical control rating	20 mV–32 V
Torch connection	EURO and TWECO
Gas flow rate	2.6–9.2 GPM (10–35 l/min)*
Min. and max. inlet pressure cooling	65.2 psi (4.5 bar)
Min. cooling power	1.4 kW
Wire diameter	0.031–0.063 in (0.8–1.6 mm)*

*depending on the application

4 TRANSPORT AND STORAGE

The transport and storage conditions must comply with the following:

- Protected against weather conditions.
- Temperature between -13°F to +131°F (-25 to +55°C).
- Relative humidity < 90% (measured at a temperature of 68°F/20°C).



NOTE!

Try to keep the torch in the original packaging until you start using the torch.

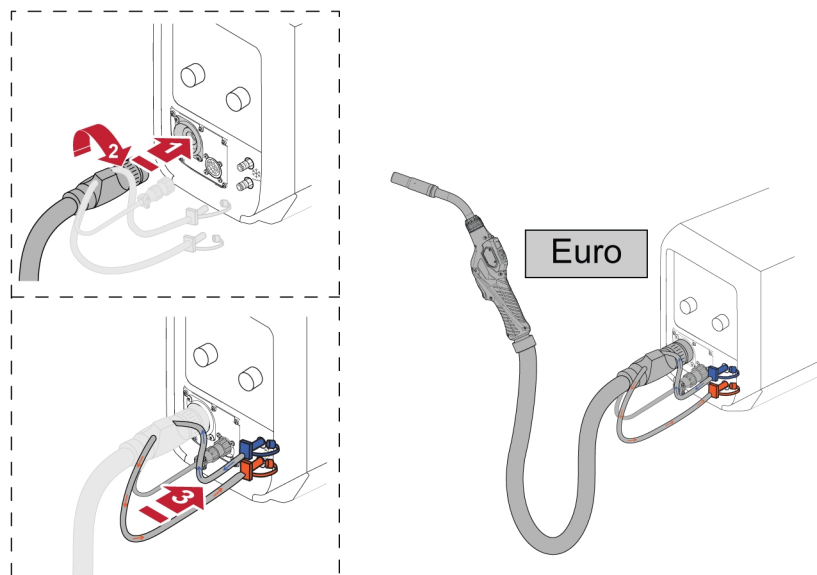
5 INSTALLATION

5.1 Environmental conditions

The installation location must comply with the following:

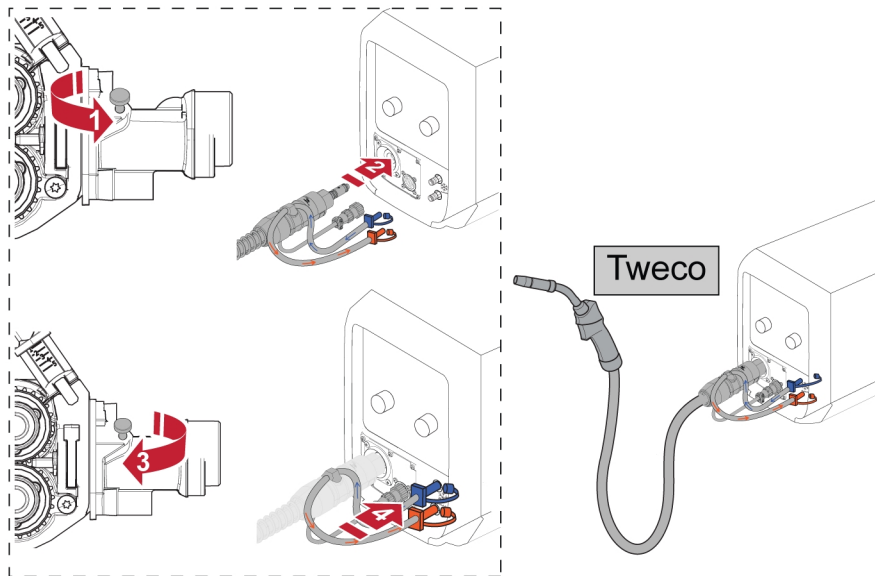
- Protected against weather conditions.
- Temperature between -13°F to +131°F (-25 to +55°C).
- Relative humidity < 90% (measured at a temperature of 68°F/20°C).
- ≤ 3281 ft (1000 m) above sea level.
- No potentially explosive gases or dust.
- Locally applicable guidelines from labor inspections regarding a safe working environment.

5.2 Connecting the EURO torch



- 1) Connect the torch to the EURO connection of the feeder by tightening the nut hand tight.
- 2) Connect the control cable to the corresponding socket on the feeder.
- 3) For liquid-cooled torches, also connect the liquid hoses to the corresponding cooling connections.

5.3 Connecting the TWECO torch



- 1) Loosen the bolt on the feeder.
- 2) Connect the torch to the TWECO connection of the feeder.
- 3) Tighten the bolt on the feeder.
- 4) Connect the control cable to the corresponding socket on the feeder and for liquid-cooled torches, also connect the liquid hoses to the corresponding cooling connections.

5.4 Setting the pressure rolls

The pressure rolls have the same part numbers as the feed rolls.

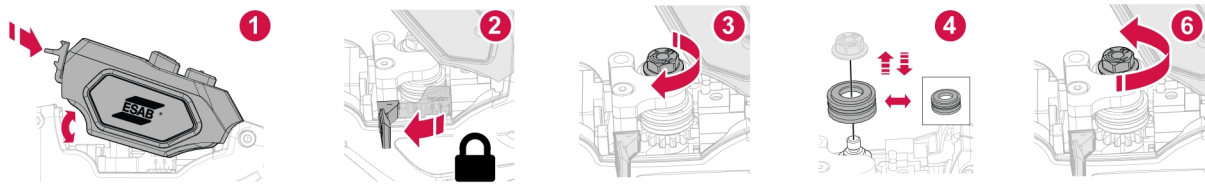
5.4.1 Drive roll options

Wire types	Steel, aluminum
Diameters	0.031/0.035, 0.039/0.047, 0.055/0.063 in (0.8/0.9, 1.0/1.2, 1.4/1.6 mm)

Each pressure roll has two grooves and can be set to two different diameters. The drive rolls are color-coded:

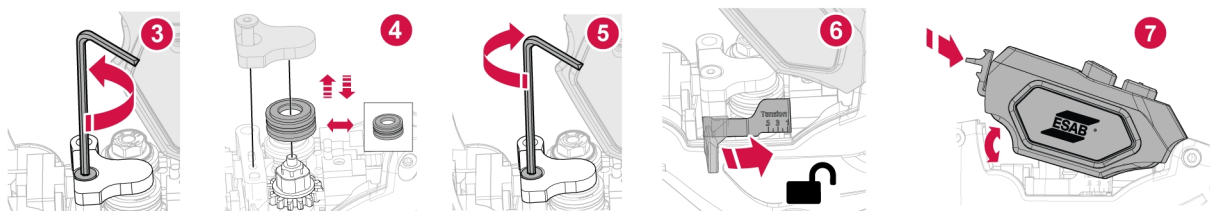
White	0.031 in (0.8 mm)
Green	0.035 in (0.9 mm)
Red	0.039 in (1.0 mm)
Yellow	0.047 in (1.2 mm)
Blue	0.055 in (1.4 mm)
Orange	0.063 in (1.6 mm)

5.4.2 Changing the feed roll



- 1) Open the service lid.
- 2) Remove pressure by pulling out the tension handle. Pull out the handle completely to lock the pressure wheels.
- 3) Remove the locknut from the top of the feed roll using a 5/16" (size 8) wrench. Notice this is a left-handed thread. If needed, hold the tension handle in its pulled out place.
- 4) Remove the feed roll from the axis.
- 5) Place a new feed roll on the axis or reverse the feed roll currently used.
- 6) Place the locknut back on the axis. Tighten using a 5/16" (size 8) wrench.
- 7) Close the tension handle. See *"Changing the pressure roll"*, page 12.
- 8) Close the service lid. See *"Changing the pressure roll"*, page 12

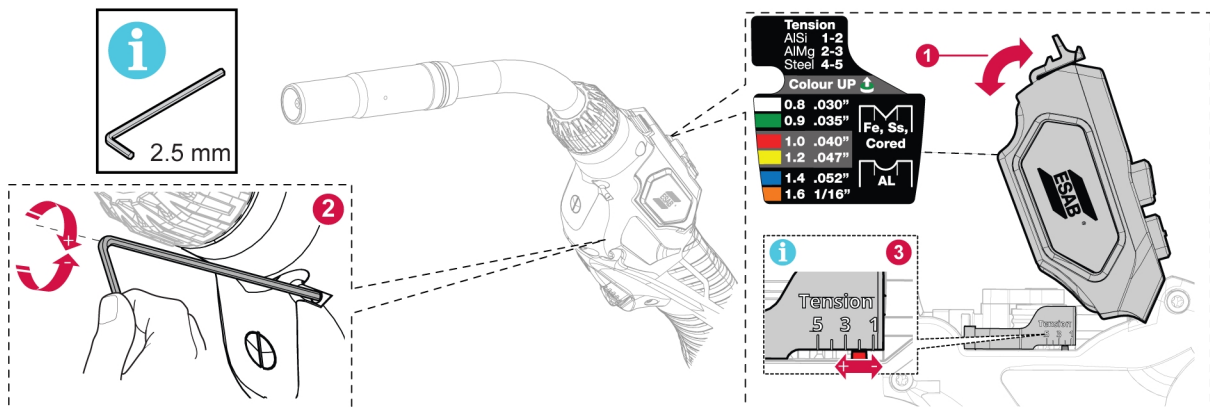
5.4.3 Changing the pressure roll



- 1) Open the service lid. See *"Changing the feed roll"*, page 12.
- 2) Remove pressure by pulling out the tension handle. Pull out the handle completely to lock the pressure wheels. See *"Changing the feed roll"*, page 12.
- 3) Remove the top plate of the tension mechanism, using a 3/32" (2 mm) hex key.
- 4) Remove the pressure roll from the axis and place a new pressure roll on the axis.
- 5) Place the top plate back on the tension mechanism and fasten the bolt of the top plate, using a 3/32" (2 mm) hex key.
- 6) Close the tension handle.
- 7) Close the service lid.

5.4.4 Managing the pressure

The pressure is indicated by the brass block inside the torch.



Viewing the pressure settings

- 1) Open the service lid.
- 2) The small brass indicator shows the amount of pressure. There are 5 indicators on the pressure handle. Use different settings for different materials:
 - AlSi/Al: 1-2
 - AlMg: 2
 - CuSi: 4-5
 - Fe: 4-5
 - CrNi: 4-5

Setting the pressure

- 1) Insert a 7/64" (2.5 mm) hex key on the pressure adjustment bolt.
- 2) Turn right to increase pressure, and turn left to decrease pressure.

5.5 Preparation



WARNING!

Small technical issues can lead to accidents when the torch is used. Do not use a faulty torch.

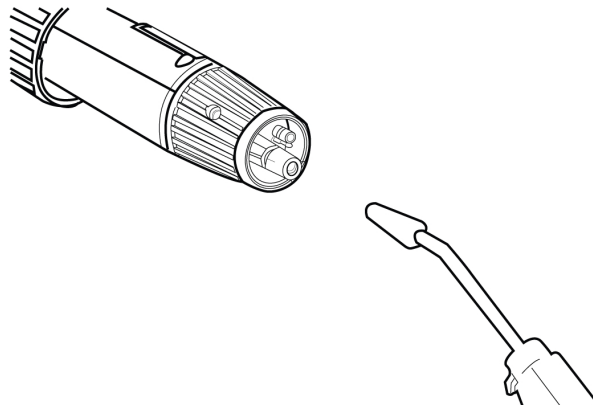


CAUTION!

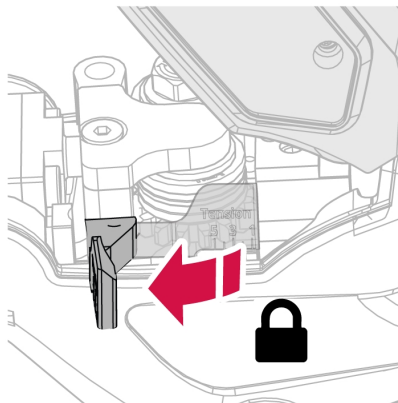
Always clean the liner using dry and oil free compressed air with a reduced pressure of 58 psi (4 bar) before loading the welding wire.

5.5.1 Loading the torch

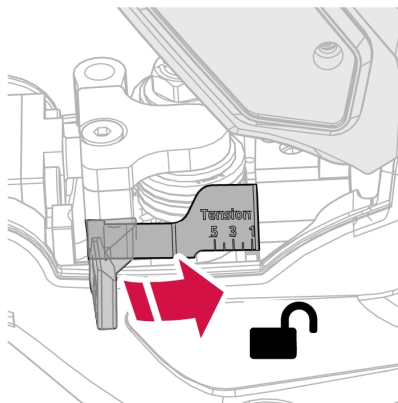
- 1) Open the service lid.



- 2) Use the compressed air gun to clean the liner.
- 3) Remove pressure by pulling out the tension handle. Pull out the handle completely to lock the pressure wheels.



- 4) Load the welding wire into the welding machine.
- 5) When inserting the welding wire inside the torch, make sure that the cable assembly is laying as straight as possible.
- 6) Guide the welding wire through the lowest grooves of the pressure rolls into the swan-neck liner until it comes out of the contact tip.
- 7) Close the tension handle.



- 8) Close the service lid.

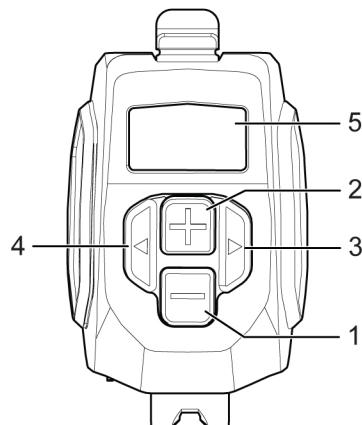
- 9) Cut the excess welding wire at the torch end.

6 OPERATION

6.1 Remote module


WARNING!

Do not use the torch as a hammer. This could damage the internal mechanisms. It should be handled with care.



- | | |
|---|--|
| 1. The button to decrease the value | 4. The button to change the views on the right |
| 2. The button to increase the value | 5. Torch display |
| 3. The button to change the views on the left | |

6.1.1 Starting procedure

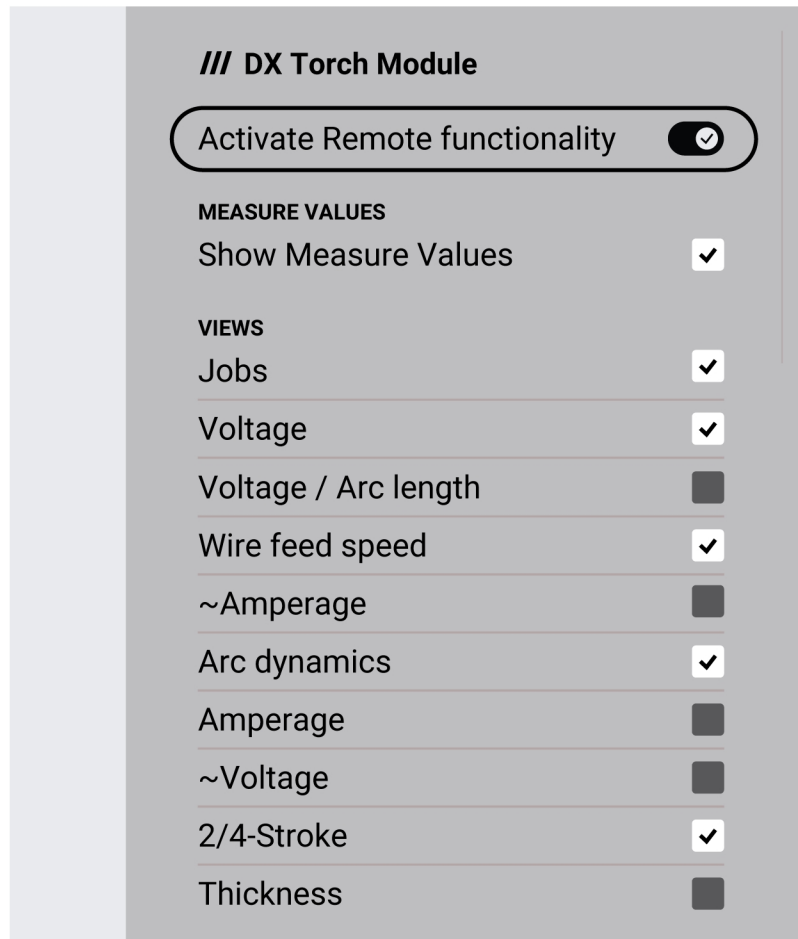
When the torch is connected to the system, it will display the ESAB logo and previous system settings by default.



6.1.2 Torch configuration

The functions that should be displayed on the torch can be selected from the inner control panel of Robust Feed Edge under *Menu » System settings » Torch remote configuration » DX Torch module*. Toggle *Activate Remote functionality* to enable the required functions to be displayed on the torch.

The torch remotes can be configured even if there are no torch remotes connected to the system. Changes in the configuration can have direct impact to the torch remote if it is connected and active.



6.1.3 Functions

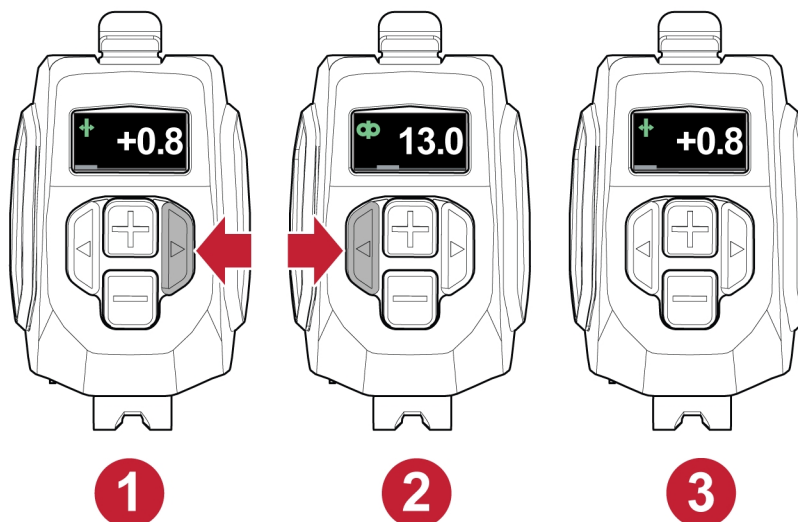


NOTE!

The display has a page indicator at the bottom. The indicator width changes depending on number of functions selected, and position depending on the index of the active display.

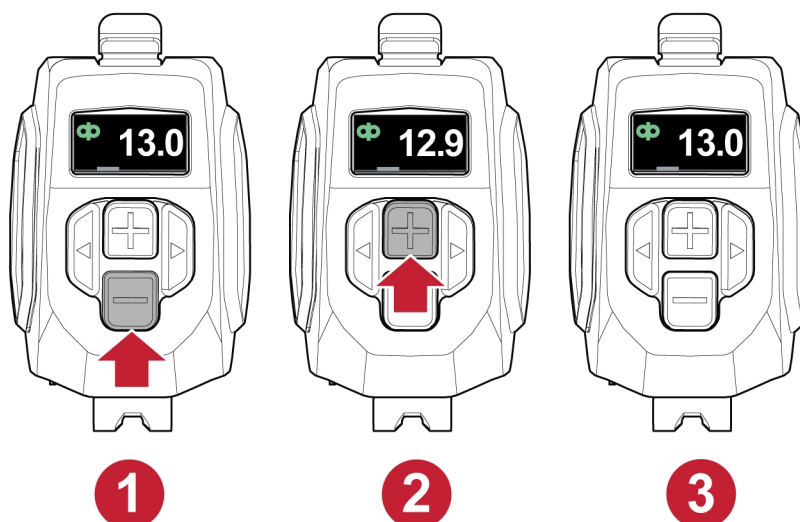
Buttons (3 and 4)

By pressing the buttons (3 and 4), the functions can be moved to right and left respectively.



Buttons (1 and 2)

By pressing the button (1 and 2), the values of the selected function can be decreased and increased respectively.



The decremental and incremental of the selected functional values are varied for a single button press as shown.

Function	Value
Jobs	1 Job
Wire feed speed	0.33 ft./min (0.1 m) 1 inch/min
2/4 stroke	B1 – 2 stroke B2 – 4 stroke
Current / Est Current	1 A
Voltage / Est Voltage	0.1 V
Dynamics	0.1
Thickness	1 thickness

**NOTE!**

The unit of wire feed speed can only be set in the Inner control panel of Robust Feed Edge.

**NOTE!**

For Wire feed speed, Voltage, Current, Dynamics and Thickness, the long press of buttons (1 and 2) will set to lower / upper limit values respectively.

Sleep mode

After 10s of inactive, the display will be dimmed and for another 10s, the display will turn OFF.

Press any key to activate the torch.

Compensation mode

If the compensation mode is activated from the feeder, the torch cannot be used for welding applications. The compensation symbol appears on the torch display.

6.1.4 Warning / Error



Unsupported process

The torch will be available in MIG/MAG welding applications only and not applicable for MMA, TIG and Gouging applications. The torch display appears as shown.



Warning

The warning codes are used to indicate the warning message to show the critical limits. Warning does not stop ongoing welding, but prevent new welding until the warning has been cleared.



Error

The error codes are used to indicate that an error has occurred in the welding process. Errors will stop the welding and need to take the corrective action in the system.

7 MAINTENANCE



WARNING!
Risk of injury.

Never perform maintenance on the torch when switched on.

- Switch off the torch and disconnect the torch from the power source.



WARNING!
Risk of unsafe torch operation.

Safe operation of the torch is only ensured if all safety precautions are in place.



WARNING!
Risk of malfunctioning or accidents.

Do not make any alterations or modifications to the torch other than described in this manual or explicitly approved by ESAB.



CAUTION!
Risk of damage to the torch.

Keeping parts of the torch dismantled for longer periods of time can lead to rust.

7.1 Routine maintenance

The following regular maintenance is needed to keep the torch in the optimal condition.

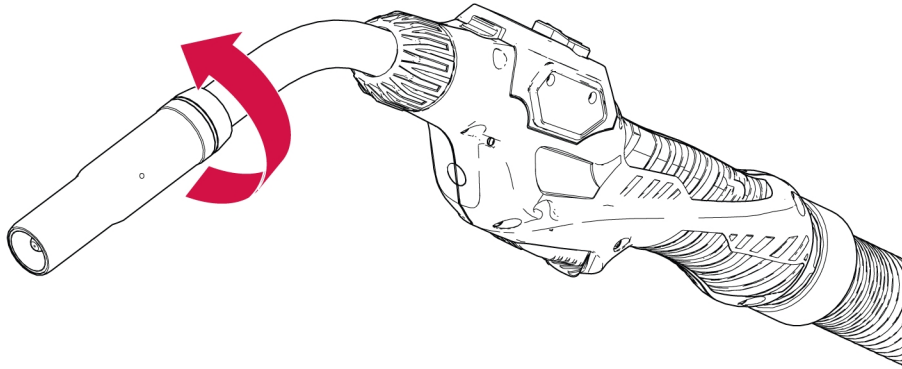
Maintenance task	Frequency
Checks	Daily
Clean the nozzle	Daily
Clean the liner	If necessary

7.1.1 Daily checks

- Check if the protective gas and extraction openings are clean. Check if the nozzle, tip adapter, and the contact tip are clean.
- Open the service lid to check for debris inside the push pull torch. Use a compressed air gun to clean inside the torch.

7.1.2 Cleaning the nozzle

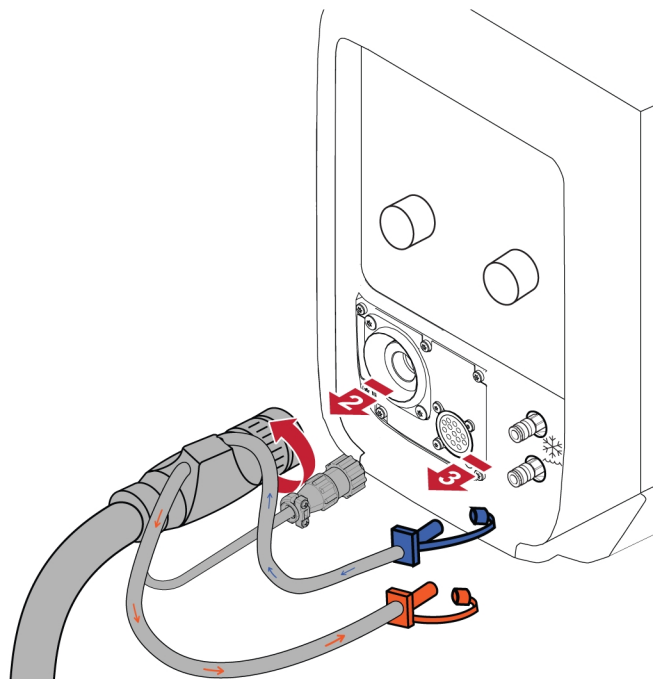
If necessary, remove the nozzle and clean the opening.



- 1) Unscrew the nozzle from the welding torch.
- 2) Clean the inside of the nozzle.

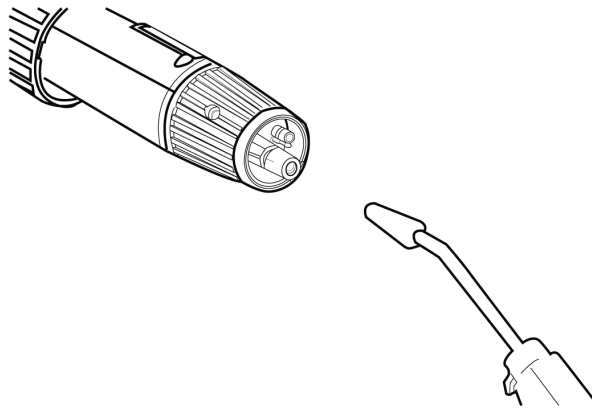
7.1.3 Cleaning the liner

When using aluminum or steel wire with regular cleaning of the liner, it will have a long lifespan. However, note that lack of maintenance or using dirty or oily welding wire will negatively affect its lifespan.



- 1) Remove the welding wire from the assembly.
- 2) Turn and pull the connector to disconnect the welding plug from the welding machine.
- 3) Remove the control cable and cooling line plugs.
- 4) Open the service lid on the torch handle.

- 5) Use a compressed air gun to clean inside the liner.



- 6) Close the service lid on the torch handle.

7.2 Replacing components

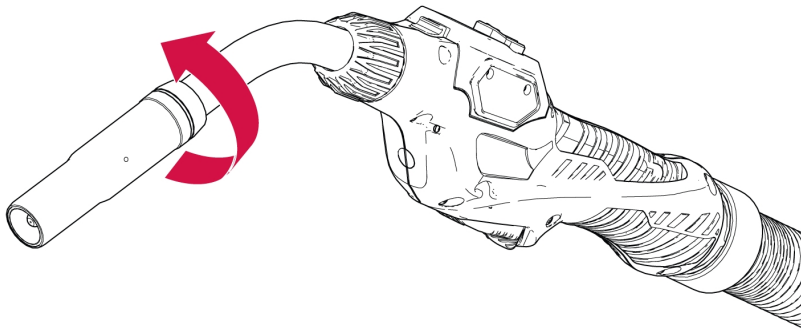


WARNING!

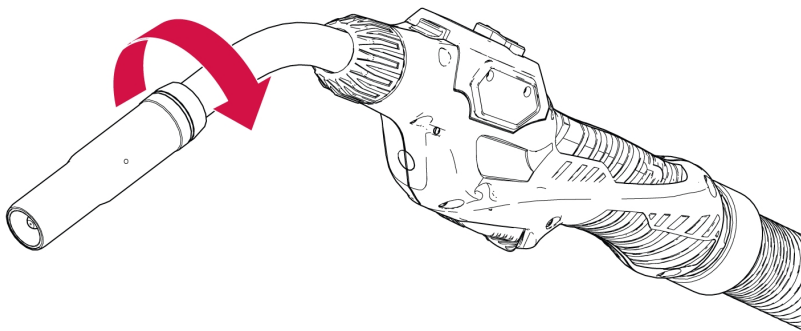
Only use original ESAB spare and wear parts!

7.2.1 Replacing the nozzle

- 1) Unscrew the nozzle from the welding torch.

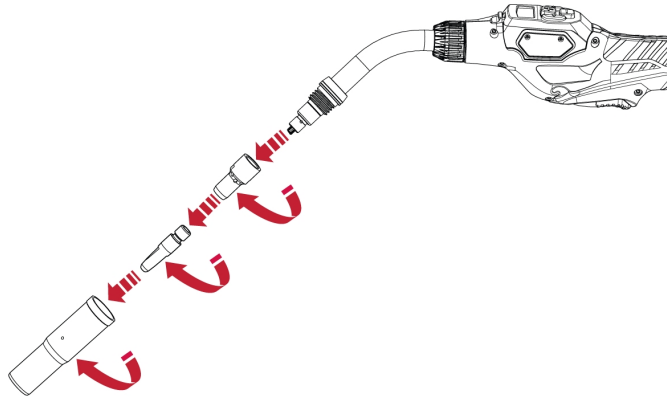


- 2) Screw the new nozzle to the torch.



7.2.2 Replacing the contact tip and the tip adapter

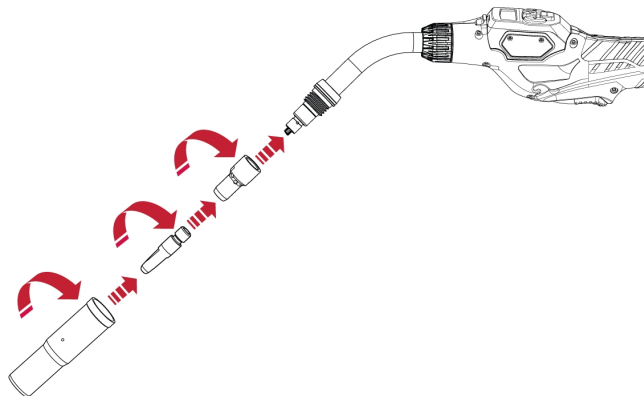
- 1) Unscrew the nozzle from the welding torch.



NOTE!

Use adequate tools to remove the torch components.

- 2) Unscrew the contact tip and then the tip adapter from the welding torch using the tool.
- 3) Place the new tip adapter followed by the contact tip on the torch. Tighten using the tool.
- 4) Finally place the nozzle back on the welding torch.

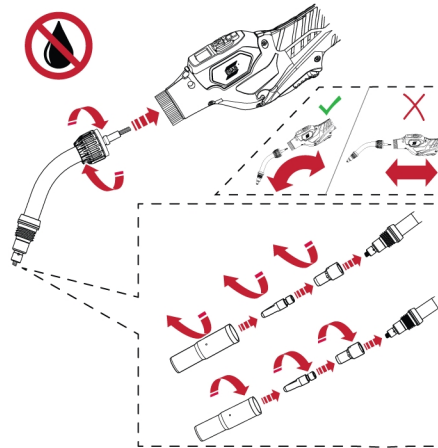


7.2.3 Replacing the swan-neck



CAUTION!

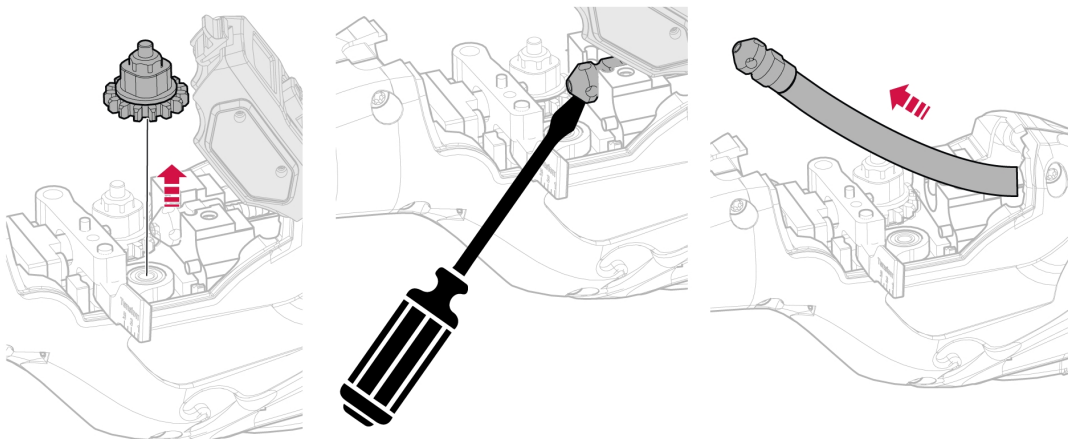
Cooling liquid may leak during dismantling of the swan-neck. Always ensure that the cooling liquid caps are closed before action and that the swan-neck/torch handle is always above the hose in elevation to minimize leakage. Always point the front of the torch downward to avoid / minimize leaking, if it is placed horizontally or pointed upward, it will leak.



- 1) Remove the welding wire from the swan-neck.
- 2) Turn the swan-neck ring to remove the swan neck.
- 3) Place the new swan-neck on the welding torch.
- 4) Turn the swan-neck ring to attach it to the welding torch. Tighten it hand tight.

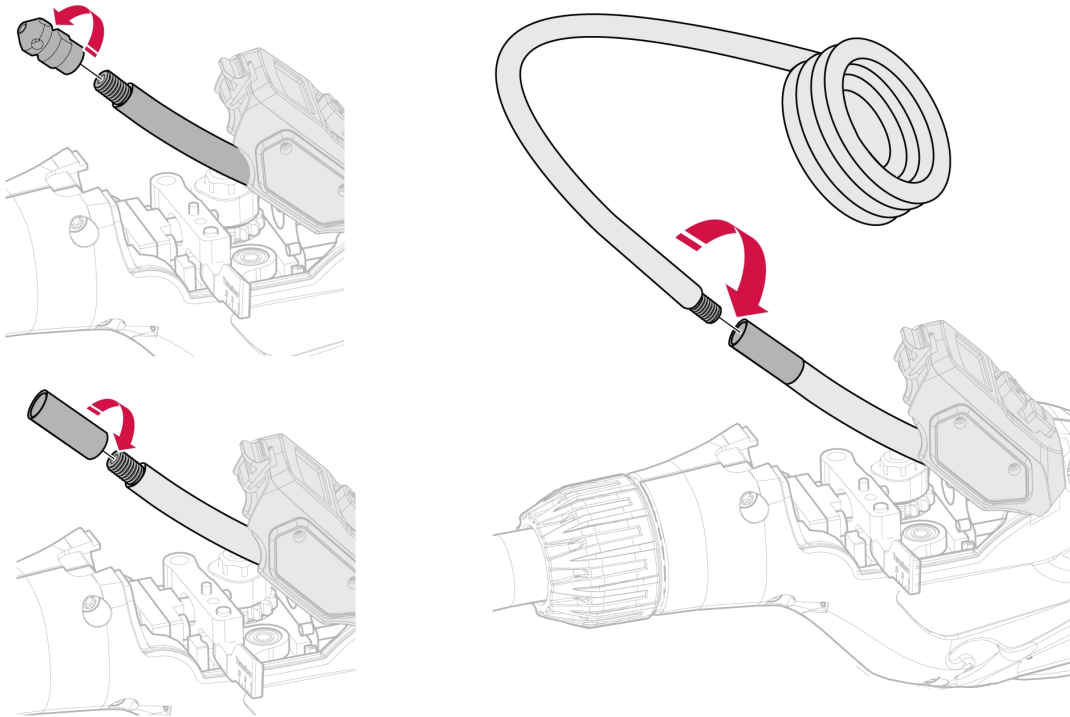
7.2.4 Replacing the liner

- 1) Open the service lid.
- 2) Remove the feed and pressure rollers. See ["Changing the feed roll"](#), page 12 and ["Changing the pressure roll"](#), page 12.
- 3) Remove the pressure roller gear.
- 4) Make sure that the torch cable is laid out straight.
- 5) Slightly lift the nozzle, pull out the cable and unscrew the nozzle cap.



- 6) Screw a coupling bush to the thread underneath the nozzle cap.

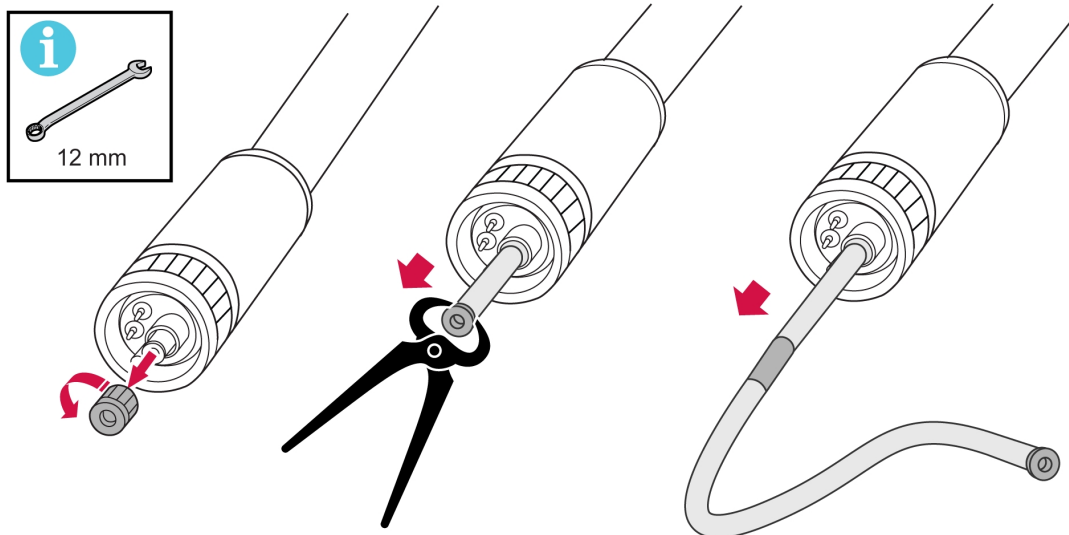
- 7) Unscrew the brass nipple from the new liner and screw it into the coupling bush.



- 8) Unscrew the cap nut from the EURO connector.

- 9) Use the pliers to pull out the old liner, then pull in the new liner from the torch side.

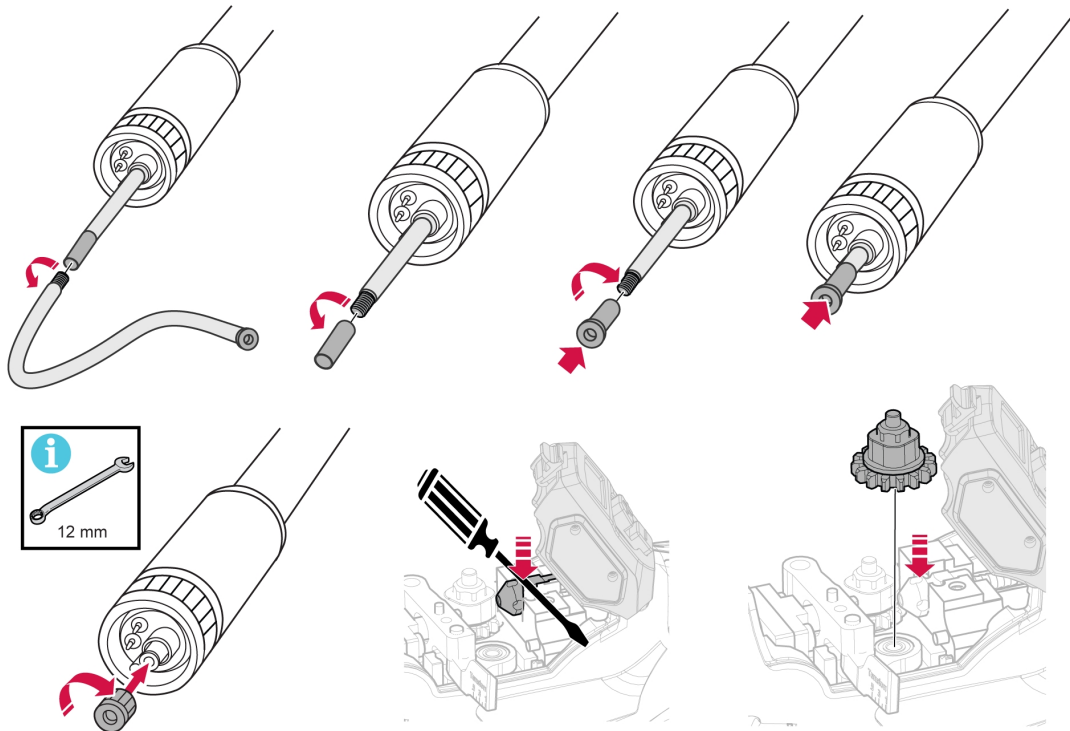
- 10) Once the coupling bush is well outside, unscrew the coupling bush.



- 11) Press the liner to its intended position and mount the cap nut.

- 12) Press in the outlet nozzle using a screwdriver, after placing it in its socket.

13) Reinstall the pressure roller gear.



14) Reinstall the feed and pressure rollers. See *"Changing the feed roll"*, page 12 and *"Changing the pressure roll"*, page 12.

15) Close the service lid.

8 TROUBLESHOOTING

Perform these checks and inspections before sending for an authorized service technician.

Type of fault	Possible cause	Corrective action
No arc	Power to the workpiece or the swan-neck is interrupted.	Check if the ground cable is connected to the workpiece.
		Check if the clamp and the machine connector are properly tightened.
		Check if the torch triggers functions: 1. Push the trigger. 2. Listen for the solenoid in the machine to be activated. 3. Check if gas flows.
		Replace the torch to determine if the torch or the power source is faulty.
Nozzle arcs to the workpiece	The nozzle is contaminated, isolation is damaged.	Clean the nozzle.
		Check if the swan-neck and nozzle isolation are present and in good shape.
		Use a multimeter to determine if the nozzle is isolated from the contact tip.
Swan-neck overheats	When liquid cooled: The cooling liquid flow is insufficient.	Measure the cooling flow of coolant unit, compare this to OEM manufacturer specs.
	When liquid cooled: The cooling liquid lines are blocked.	Check the cooling liquid lines for blockages. Check if lines have sharp bends, ensure bends are smooth.
	The contact tip or tip adapter is not properly fastened.	Check the fastening of the contact tip and the tip adapter. Fasten if necessary.
	The torch is externally damaged.	Repair or replace the torch. Contact your local ESAB dealer.

Type of fault	Possible cause	Corrective action
Welding wire fuses with the contact tip	Welding wire transport starts too late.	Check pressure on drive rolls, test wire feeding/ stopping when torch is used without welding. Check wire feeding speed.
	The welding wire is jammed inside the cable package due to contamination or bending.	Remove the welding wire from the cable package.
		Check for damage to outer liner/coaxial cable.
		Insert a new wire feed cable.
	The welding wire speed is too low.	Increase the welding wire speed on the welding machine.
	The distance between the contact tip and the workpiece is too big.	Respect maximum stick-out of 0.394–0.591 in (10–15 mm), longer stick-out will result in higher resistance, instable welding arc, and porosity in the weld pool.
	The contact tip overheats.	Check if the contact tip is properly tightened.
		Check welding parameters and stick-out.
		Check if tip is clean. No (ceramic) spray should be used on contact tip, as it can affect conduction.
Contact tip overheats	When liquid cooled: The cooling liquid flow is insufficient.	Check the coolant level in reservoir.
		Check if coolant pump is circulating.
		Compare circulation gallons per minute with OEM specifications as per equipment manufacturer.
	When liquid cooled: The cooling liquid lines are blocked.	Check the cooling liquid lines for blockages. Remove any blockages you find.
	The duty cycle exceeds the value for the torch.	Follow the duty cycle parameters as indicated in torch manual.
	Contact tip or tip adapter not properly fastened.	Check the fastening of the contact tip and the tip adapter. Fasten if necessary.
Irregular welding wire feed	The torch is externally damaged.	Repair or replace the torch. Contact ESAB.
	The pressure of the welding wire supply rolls is too low.	Check the pressure of the drive rolls (on torch and/or wire feeder).
		Check if correct wire feeding rolls are applied: • U grooved for aluminum wire • V grooved for steel wire
	Defect in the welding wire feed hose.	Replace wire feeding rolls.
	The wrong swan-neck liner is installed.	Replace swan-neck liner.
	Excessive wear of the welding wire supply rolls.	Replace wire feeding rolls.
	Wrong welding wire supply rolls installed.	Install the correct type and size wire feeding rolls: • U grooved for aluminum wire • V grooved for steel wire

Type of fault	Possible cause	Corrective action
Error 311	Wire saturation warning/error.	Check the correct liners/contact tip/torch used for types of welding wires.
	Wire motor start/work current error.	Check the torque tension in the break hub.
	Unable to move wire.	Make sure that the wire feed speed control is dust free and rotate.
	Pull motor too high current.	Check that the wire brake function is active.
		Acknowledge by pressing any buttons on the control panel.
		Contact service technician to check drive motor.
Porosity	The nozzle opening or contact tip is contaminated.	Clean the nozzle.
	Insufficient gas shielding (gas flow).	Check the input flow.
		Check the output flow measured on the gas nozzle making use of a gas flow meter.
		Check the torch for leakage: Check the outflow openings of the tip adapter.
	The liner nut is not tightened correctly.	The liner nut is not tightened correctly.

9 DISPOSAL

If the torch is defective, contact your supplier. The torch can possibly be repaired or given a second life. If you have to dispose of the torch, dispose of the torch according to the locally applicable guidelines.

Dispose of the packaging material according to the locally applicable guidelines.

Spare parts and wear parts can be ordered through your nearest ESAB dealer, see [esab.com](https://www.esab.com). When ordering, please state product type, serial number, designation and spare part number in accordance with the spare parts list. This facilitates dispatch and ensures correct delivery.

10 ORDERING SPARE PARTS



CAUTION!

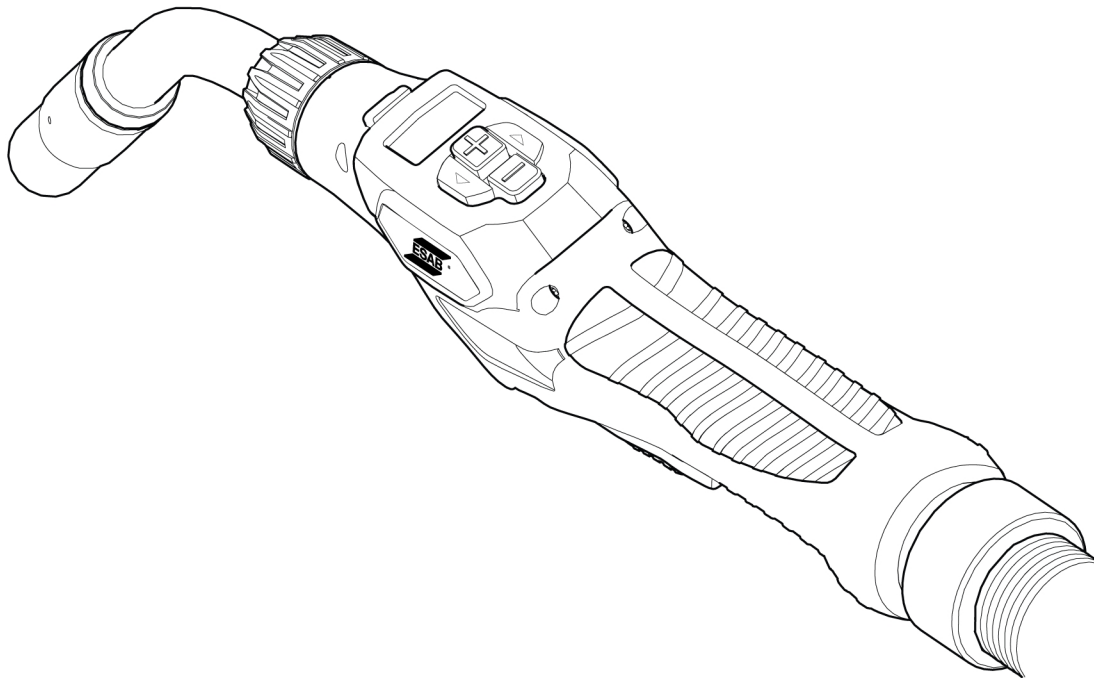
Repair and electrical work should be performed by an authorized ESAB service technician.
Use only ESAB original spare and wear parts.

The PP 350w torches are designed and tested in accordance with the international and European standards **IEC/EN 60974-7,2019**. On completion of service or repair work, it is the responsibility of the person(s) performing the work to ensure that the product still complies with the requirements of the above standards.

Spare parts and wear parts can be ordered through your nearest ESAB dealer, see esab.com. When ordering, please state product type, serial number, designation and spare part number in accordance with the spare parts list. This facilitates dispatch and ensures correct delivery.

APPENDIX

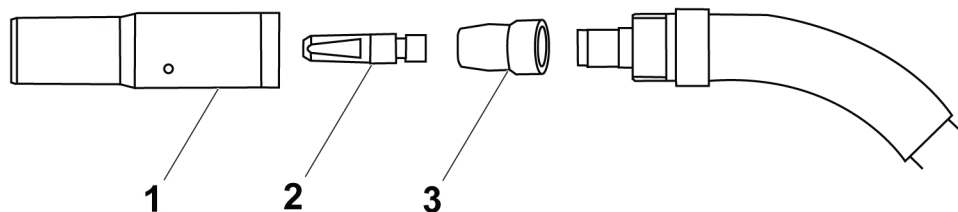
ORDERING NUMBERS



Ordering number	Description	Performance
0700 026 191	PP 350w, liquid-cooled, 8 m, Euro, 350A	100% Duty Cycle/Mix
0700 026 192	PP 350w, liquid-cooled, 12 m, Euro, 350A	100% Duty Cycle/Mix
0700 026 195	PP 350w, liquid-cooled, 8 m / 25 ft, TW4, 350A	100% Duty Cycle/Mix
0700 026 196	PP 350w, liquid-cooled, 12 m / 40 ft, TW4, 350A	100% Duty Cycle/Mix

Technical documentation is available on the Internet at: www.esab.com

WEAR PARTS



1. Gas nozzle
2. Contact tip M8 × 37
3. Tip adapter

Ordering number	Description	Pack/Qty
0700 027 300	Tip adapter	5
0458 464 882	Gas nozzle	1

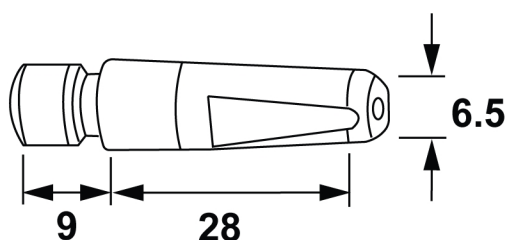
Drive rolls

Ordering number	Description	Pack/Qty
0700 027 303	Drive Roll 0.8/0.9 White/Red	2
0700 027 304	Drive Roll 1.0/1.2 Red/Yellow	2
0700 027 305	Drive Roll 1.4/1.6 Blue/Orange	2
0700 027 306	Drive Roll 0.8A/0.9A White/Green F/Alu	2
0700 027 307	Drive Roll 1.0A/1.2A Red/Yellow F/Alu	2
0700 027 308	Drive Roll 1.4A/1.6A Blue/Orange F/Alu	2

Neck liner

Ordering number	Description	Pack/Qty
0700 027 301	Swanneck Liner 2.0 / 4.0 Brass	1
0700 027 302	Swan-neck Liner 2.5/4.0 Brass	1
0700 027 354	PA Neck liner 4	1
0700 027 355	PA Neck liner 4.7	1
0700 027 356	PA Neck liner 2.9 / 4.7	1

Contact tips



Ordering number	Wire diameter	Material	Inside diameter
0468 502 003	0.031 in (0.8 mm)	Fe, Ss	0.039 in (1.0 mm)
0468 502 004	0.035 in (0.9 mm)	Fe, Ss	0.043 in (1.1 mm)

Ordering number	Wire diameter	Material	Inside diameter
0468 502 004	0.039 in (1.0 mm)	Fe, Ss, Cored	0.043 in (1.1 mm)
0468 502 005	0.039 in (1.0 mm)	Al.	0.047 in (1.2 mm)
0468 502 006	0.047 in (1.2 mm)	Fe, Ss, Cored	0.055 in (1.4 mm)
0468 502 007	0.047 in (1.2 mm)	Al.	0.059 in (1.5 mm)
0468 502 008	0.055 in (1.4 mm)	Fe, Ss, Cored	0.067 in (1.7 mm)
0468 502 009	0.063 in (1.6 mm)	Fe, Ss, Cored	0.075 in (1.9 mm)
0468 502 010	0.063 in (1.6 mm)	Al.	0.083 in (2.1 mm)



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For contact information visit [esab.com](https://www.esab.com)

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