



EJOFAST® JF Screwdriver

Operating and
Service Manual

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1. Introduction

Thank you for purchasing the EJOFAST® JF Screwdriver!

With the purchase of this EJOFAST® JF Screwdriver you have selected a user-friendly product with highest quality standards. It has been produced with utmost care and underwent a function and quality control after the final assembly.

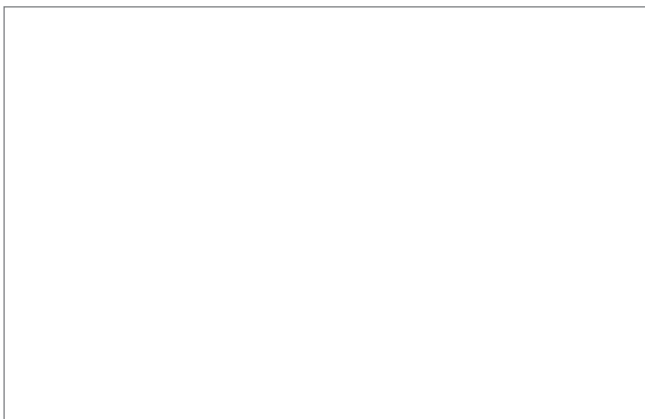
This operating manual is designed to help you operate your new EJOFAST® JF Screwdriver without danger in the intended field of use.

For that reason it is necessary to read this operating manual with great care and follow the operating advice at all times.

Before the initial start-up of your EJOFAST® JF Screwdriver, please check the completeness of the system according to the enclosed material list, and also check for possible transportation damage. In case of any complaints please contact our hotline at +49 2752 908-0. Please understand that any reclamations which are not announced immediately cannot be considered later.

Bad Laasphe, 01.05.2012

Your contact:



1.1. EC declaration of conformity

EC declaration of conformity according to machinery directive 2006/42/EC Amendment II 1.A

The manufacturer / company responsible for marketing

EJOT Building Fasteners GmbH
In der Stockwiese 35
57334 Bad Laasphe

herewith declares that the following product:

Product description: installation tool

Brand: EJOT

Serial number:

Serial / product code: EJOFAST JF Screwdriver

Description:

The EJOT JF screw driver may only be used for side lap stitching of roof shells or load-bearing shells of trapezoidal sheet profiles and for the visible fastening of sandwich elements with collated EJOT JF2-2H-4,8 and JF3-2H-4,8 screws, optional with E16/2 or E16/3 sealing washers.

Corresponds to all relevant regulations of the above mentioned directive, as well further applicable directives (as follows), including the valid changes at the time of the preparation of the declaration.

The following other EC directives have been applied:

EMC directive 2004/108/EC
Low voltage directive 2006/95/EC

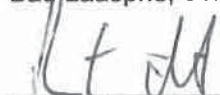
The following harmonized standards were applied:

| | |
|---------------------|---|
| EN 55014 | Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus |
| EN 60745 | Hand-held motor-operated electric tools - Safety - Part 1: General requirements |
| EN 61000-3-2 | Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) |
| EN 61000-3-3 | Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection |
| EN 953:1997+A1:2009 | Safety of machinery - Guards - General requirements for the design and construction of fixed and movable guards |
| EN ISO 12100:2010 | Safety of machinery - General principles for design - Risk assessment and risk reduction (ISO 12100:2010) |

Name and address of person authorized to compile the technical documents:

Christian Dreher, In der Stockwiese 35, 57334 Bad Laasphe

Bad Laasphe, 01.05.2012



Dr. Dratschmidt - Geschäftsführer -

1.2. Drive units

The EJOFAST® JF Screwdriver is designed for the use with two drive unit:

- FEIN Screwdriver SCS 4.8-25 as line-powered tool
- FEIN cordless Screwdriver A SCS 6.3 as battery powered tool

For the technical data and details of the drive unit please refer to the enclosed FEIN operating manual. Please also follow the operation instructions!

In general, all drive units of the delivered tools are pre-set to clockwise rotation.

We strictly advise against the use of other drive units!

A modification between battery operated and line operated drive unit may only be carried-out by EJOT.

1.3. Safety regulations

1.3.1. Preface

These safety regulations are valid for the EJOFAST® JF Screwdriver, consisting of the decollating fixture, feeding, positioning and setting of the screws and the drive unit, which is connected to the tool as an independent machine according to the guidelines 2006/42/EG.

For that reason the complete operating manual of the used drive unit with all its safety instructions, has to be considered in addition to this information.

The service instruction of the drive unit is a valid document and enclosed with this operating manual.

- Please adhere to this operating manual.
- Before placing into operation, please ensure that all safety devices are in place and in working order and that no unauthorised modifications of the tool have been made.
- Please strictly adhere to all safety instructions.

1.3.2. Used symbols

| Symbol | Meaning |
|--|--|
|  | Warning of danger zones! |
|  | Warning of hand injuries! |
|  | Warning of dangerous high voltage! |
|  | Use foot protection! |
|  | Use hand protection! |
|  | Use ear protection! |
|  | Additional important information advisory! |

1.3.3. Usage in accordance with the regulations

The EJOFAST® JF Screwdriver may only be used for side lap stitching on roof or load-bearing shells of trapezoidal sheet profiles (max. $t_1 + \text{max. } t_2 = 0,88 \text{ mm} + 0,88 \text{ mm}$) and for the visible fastening of sandwich elements with collated EJOFAST® Side lap screws JF2-2H-4,8 and JF3-2H-4,8, optional with sealing washer.

The technical specifications from the section "technical data" have to be adhered to without exception. The equipment / machine may only be used for this purpose. Any other use is termed not according to the regulations and can lead to an unsafe operation of the unit.

The adherence to this operating manual and the adherence to maintenance and service guidelines is also part of the intended use.

The accident prevention regulations of the trade union and other laws and regulations, as well as generally accepted rules of safety engineering, have to be observed and applied.

Unauthorised changes on the machine and the use of spare parts, accessories, add-on tools and extras which are not tested and approved by the manufacturer may negatively influence the function and safety of the tool. The manufacturer is not liable for any resulting defects. The manufacturer is not liable for personal and / or property damage due to non-observance of the safety instructions, of the operating manual, or due to neglect in handling, operation, maintenance, service or repairs of the equipment, even if this obligation to exercise due care has not been explicitly mentioned in the operating and service manual.

1.3.4. Safety instructions



General safety instructions and rules of conduct. Please read this operating manual completely before first initial placing into operation and familiarise yourself with all functions of the equipment!

You may only work with the equipment when you have read and fully understood the complete operating manual. In case of any open questions please do not hesitate to ask your supervisor, the plant head or the manufacturer.

The operating manual has to be always available at the installation location of the equipment.

An incomplete and illegible operating manual has to be replaced immediately. The manufacturer will gladly assist you with this.

Supplementing the operating manual are legal, generally accepted and other binding guidelines for accident prevention and environmental protection.

1.3.4.1. Qualification of the operating personnel and personal protective equipment



As a rule, work on the machine may only be carried-out by trained and specially authorised and instructed personnel.

Adjustment, maintenance and service work may only be carried-out by trained personnel.

The operating personnel has to wear tight fitting work clothes. Clothing, jewellery and hair has to be worn in such a way, that any possible snagging by the moving machine parts is prevented.

Suitable personal protective equipment is:



Protective gloves



Protective shoes



Ear protection

The use of this protective equipment is needed for the following safety instructions.

1.3.4.2. Operation

Before the work the operator or plant head has to make sure that the EJOFAST® JF Screwdriver is in faultless condition. All parts have to be assembled according to this operating manual and must be undamaged. The inspections according to chapter 2.5 have to be carried-out as well.

Before start of the work the user has to familiarise himself with the work environment. It has to be guaranteed that there are no obstacles in the work area. When working on higher levels it has to be ensured that all necessary safety devices against falling from heights (railings, scaffolding, safety nets etc.) are in place and in proper and cleared working condition.

The EJOFAST® JF Screwdriver is equipped with safety devices to protect the user from dangerous spots. The screwdriver may only be operated if all safety devices and safety-related components are existing, properly fastened and operable. The person responsible for operation has to assure the correct function of the safety devices.

At least once per working day / shift the screwdriver has to be checked for visible damage or quality defects. The head of operations has to be notified immediately of any changes or damages.



Every method of operation not in terms with safety guidelines is prohibited!

In case of system malfunctions the machine has to be stopped immediately and also secured against re-starting by third parties. System malfunctions have to be reported to the supervisor or head of operations and must be eliminated immediately.

In compliance with the operating manual, the head of operations has to monitor the work of the operating and maintenance personnel with respect to their awareness of safety and possible hazards.

The head of operations is obligated to only operate the equipment in proper working condition and if necessary or demanded by regulations, to ask the maintenance and operating personnel to wear protective clothing. In case of safety relevant changes on the equipment or the operating behaviour, the unit has to be stopped and the responsible person or department has to be notified of the disruption. Safety relevant damages or malfunctions of the equipment have to be cleared immediately. Unauthorised changes of the set-up or the change of parameters beyond the scope of the operating manual are not allowed with regards to safety.



Safety shoes suitable for walking on profiled sheet have to be worn when operating the EJOFAST® JF Screwdriver.

Depending on the respective surroundings and processed materials the noise during the use of the screwdriver may demand the use of ear protection. For that reason we always recommend wearing ear protection when using the EJOFAST® JF Screwdriver.



For the operation on construction sites, the special guidelines of the VDE and the trade unions have to be adhered to. The specifications of the BGI 608 "Auswahl und Betrieb ortsveränderlicher Anlagen und Betriebsmittel auf Bau- und Montagestellen" have to be adhered to, in particular with regards to the feed points.

1.3.4.3. Inspections



In addition to the daily inspection by the responsible operator, the equipment and accessories, in particular the safety devices, have to be tested for proper condition and functioning depending on the use but at least once per year.

1.3.4.4. Safety instructions for service, upkeep, adjustment and maintenance



All questionable work with regards to safety has to be refrained from!
The drive unit has to be taken of the power supply before any maintenance.
The battery has to be removed from the battery operated tool!

For all maintenance work it has to be ensured that no unintentional movement of the machine components can occur and that all persons can recognise the condition of the machine.

For servicing, upkeep, adjustment and maintenance work the operator touches components of the equipment. Even a turned off unit poses the risk for injury! For that reason:

- Work carefully and with caution!
- Always wear protective clothing! (e.g. protective gloves and shoes)



Wearing of protective gloves is always recommended for the work.



Always retighten screw joints after maintenance and service work.
 The secure fit of the screw joints always has to be controlled by the responsible operator after service work.

If the dismantling of safety devices during adjusting, servicing and repairing of the equipment is necessary, the safety devices have to be controlled for their function right after the end of the work or during a longer work interruption.

The adjustment, service, care and maintenance work and dates, including the specified component replacement intervals, as specified in the operating manual have to be adhered to.

Maintenance, care, adjustment and service work may only be carried-out by expert personnel!

Before the removal of jammed parts the power plug has to be pulled!

With battery powered machines the battery has to be removed!

1.3.4.5. Safety instructions for carrying-out electric work



Danger due to electric voltage always exists when working on the electric equipment of the machine.

In case of malfunctions of the electric equipment, the machine has to be turned off immediately.

During all work on the electric equipment the machine has to be taken off the power supply. The electric equipment has to be inspected in regular intervals. Defects such as loose joints or damaged cables need to be removed immediately.



Warning!

Live and rotating parts of electric machines can cause serious or fatal injuries. Assembly, connection, initial start-up as well as maintenance and repair may only be carried-out by expert (electrician) personnel. The respective legal and trade union regulations, VDE guidelines and specifications of this operating manual have to be adhered to.

1.3.4.6. Safety instructions for handling operating fluids



When handling oils, grease and other substances, the respective safety regulations for the product (see amendment operating fluids) have to be adhered to.

The operating manual has to be observed. Annual training according to the Ordinance on Hazardous Substances and if applicable additional safety measures have to be observed.

1.3.4.7. Safety instructions for emergencies and remaining risks



In case of situations leading to danger for the operator, third parties or the equipment, the machine has to be turned off immediately.

If the operator is unsure about the condition of the equipment it has to be turned off immediately. In case of fire, if possible, interrupt the power supply. The fire should be extinguished with a suitable fire extinguisher (if possible CO₂).

1.3.4.8. Unauthorised use of the equipment

Prevent the use of the equipment by unauthorised persons after operations end or during longer shutdown intervals.

1.3.4.9. Transport and set-up

During transport to and from the construction site the machine has to be stowed in the supplied transport case. The case has to be closed and positively lashed down to prevent moving during transport.



The general specifications of load securing have to be followed.

During transport by car or other vehicles, the cargo has to be secured according to the general specifications for load securing, as unsecured equipment may cause severe damage.

After removal of the EJOFAST® JF Screwdriver it has to be secured against falling over.

If possible lay the machine flat on the floor until actual use and also make sure that you, or others, do not trip over it.

To carry the EJOFAST® JF Screwdriver to elevated levels use suitable supplementary means.

1.3.5. Potential risk and dangers from the equipment

The EJOFAST® JF Screwdriver has been designed and built according to the latest safety engineering. The user is protected against danger by safety devices wherever the function of the machines allows this.

A remaining risk still exists!

Therefore:

- **Never reach into the moving machine!**
- **A careful and guarded operation is the best prevention against injuries!**
- **Make sure you wear close fitting clothes and tied-up hair**
- **Remove jewellery before work.**
- **Never direct the tool on standby against yourself or others.**

Potential sources for risk are described in the following.

1.3.5.1. Incorrect assembly



Risk of injury due to faulty assembly of the equipment.

Before putting into operation it has to be checked that all parts are assembled correctly and are operable. No foreign particles may be in the machine.

Repair, maintenance and service, adjustment and set-up work may only be carried-out by trained expert personnel.

Before re-starting, after the above mentioned work, it has to be ensured that all parts are installed correctly and that no foreign parts, such as removed parts or tools are still in the machine.

1.3.5.2. Danger due to breakage during operation



Risk of injury due to breakage during operation

It has to be ensured that the employees are trained for their work.

Repair, maintenance, service and set-up work may only be carried-out by trained expert personnel.

Machines and their safety devices have to be checked daily by the operator and in regular intervals by a trained person with regards to their safe condition.

All fastened joints and welded joints, as well as the power supply, have to be checked for their damage-free condition.

The test intervals according to safety guidelines have to be determined by the operator.

In particular for construction site use, it has to be made sure that the EJOFAST® JF Screwdriver has not been damaged due to falling down or other improper use of its parts.

Especially compromised is the connecting cable through contact with sharp edged parts.

Always make sure that the connecting cable is not run over sharp edges or wedged.

The cable has to be checked for damages before every use.

Danger zones:



1.3.5.3 Crushing zones



During the fastening operation, the equipment has to be pushed-down with the handles.

Crushing is possible which might lead to serious injuries.

To prevent crushing, the operator has to grip both handles during fastening and also make sure that no other body parts come into contact with the dangerous areas.

The machine is set-up for operation by one person. No second person may be in the danger zone.

1.3.5.4. Danger of cutting due to sharp edged parts and pointed screw ends



To guarantee the functioning, it is necessary to use sharp edged parts, in particular in the area of the profile attachment.

The use of sharp edged screws is also necessary. Use protective gloves when using these components in order to prevent cuts.



1.3.5.5. Danger of bodily injury due to neglected ergonomic aspects

To prevent bodily injury due to neglect of ergonomic aspects, the machine has to be set-up in the optimum position for the respective operator.

Always adjust the handles according to the description in chapter 2.1, to the ergonomically proper height for the operator.

1.3.5.6. Risk of stumbling and falling



During the fastening process hold the screwdriver with both hands on the handles, adjusted to your body height. The handle of the drive unit has to point away from you into the direction you are moving.

In order to prevent the risk of stumbling and falling during a change of position, never move the driver backwards.

When working on higher levels it has to be ensured that all necessary safety devices against falling from heights (railings, scaffolding, safety nets etc.) are in place and in proper and cleared working condition.



To prevent the risk of stumbling and falling, suitable non-skid safety shoes have to be worn.

The connecting cable of 230 V drive units has to be laid out in a way that prevents tripping hazards. Orderliness and cleanliness have to be kept in the work area.

1.3.5.7. Risk of injury during the fastening process



To carry out the fastening process the machine has to be set onto the parts to be joined, vertically to the fastening surface covering it entirely and then held with both hands on the handles.

During all maintenance, service, cleaning, repair and care work the drive unit always has to be taken off the power supply. The battery has to be removed from battery powered machines.

1.3.6. Safety devices



To prevent injuries, in particular danger due to rotating machine parts, the EJOFAST® JF Screwdriver is equipped with covers and safety devices.

Never use the screwdriver without these covers and safety devices.

Always make sure the safety devices are in place and correctly assembled before you start working. In case of uncertainty, immediately stop the machine and inform your supervisor.

1.3.7. Also applicable documents

Also applicable documents are the operating manuals of the used drive units and the special safety instructions for these drive units.

1.4. Noise and vibration emission declaration

For the noise and vibration emission please refer to the operating manual of the drive unit.

Through the installation of the drive unit into the EJOFAST® JF Screwdriver the stated values will not increase.

Since the machine may not be operated in constant operation, the stated values cannot be reached permanently.

1.5. Field of use

The EJOFAST® JF Screwdriver is a tool for side lap fastening. The application field is the roof or load-bearing shell of trapezoidal sheets (max. t1 + max. t2 = 0.88 mm + 0.88 mm) with collated EJOFAST® Side lap screws JF2-2H-4.8 and JF3-2H-4.8, and depending on the application, with attached sealing washer. The visible fixing of sandwich panel side laps is also possible.

Special feature of the tool is the possibility of fastening a collated screw with a pre-assembled sealing washer. This special feature requires the use of a cartridge with a special geometry only provided by EJOT cartridges. For that reason the use of a different collated screw is not possible.

The proper use of the tool according to the application fields, as stated in the operating manual, has to be ensured at all times. The tool is not designed and unsuitable for any other applications.

Technical changes on the EJOFAST® JF Screwdriver are reserved by EJOT.

2. Before initial start-up of the tool

Before the initial start-up through qualified personnel, the following steps have to be checked and / or carried-out:

2.1. Handles

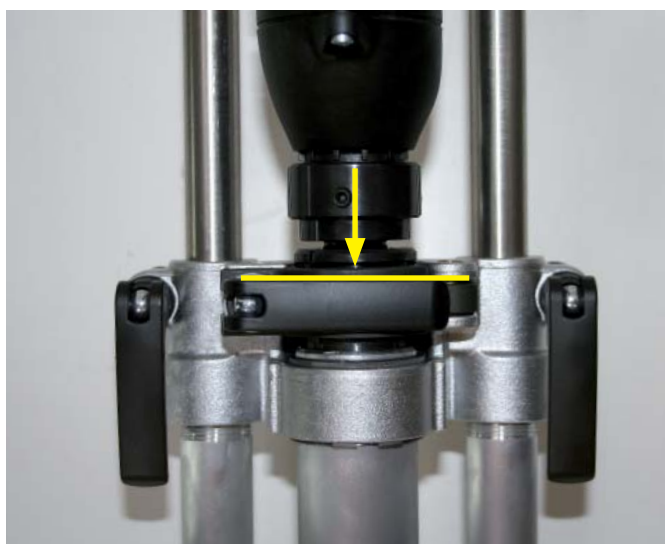


The handles can be adjusted vertically and horizontally without any tools, by loosening both quick releases on the side.

Before the initial start-up please make sure that the quick releases on the handles are firmly locked.

If the quick release cannot be loosened or does not lock tight enough, the clamping has to be re-adjusted with the set screw.

2.2. Drive unit



The drive unit with the drive shaft has to sit in the intended fit up to the end stop.

The quick locking device has to keep the drive unit firmly in position!

Please make sure that the machine is switched to clockwise rotation (pre-setting).

2.3. Selection of profile attachments

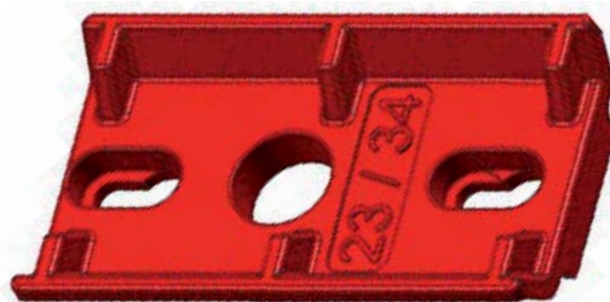
Depending on the width of the trapezoidal profile sheet, five different profile attachments are available for crown fixing of the roof shell.

See table:

| Pos. | Item no. | Description | Crown width | Angle of inclination |
|------|--------------|-------------|-------------|----------------------|
| 1 | 9152 260 009 | 23/34 | Up to 23 mm | Up to 34° |
| 2 | 9152 260 010 | 26/50 | Up to 26 mm | Up to 50° |
| 3 | 9152 260 011 | 32/37 | Up to 32 mm | Up to 37° |
| 4 | 9152 260 012 | 36/50 | Up to 36 mm | Up to 50° |
| 5 | 9152 260 013 | 41/32 | Up to 41 mm | Up to 32° |

Note:

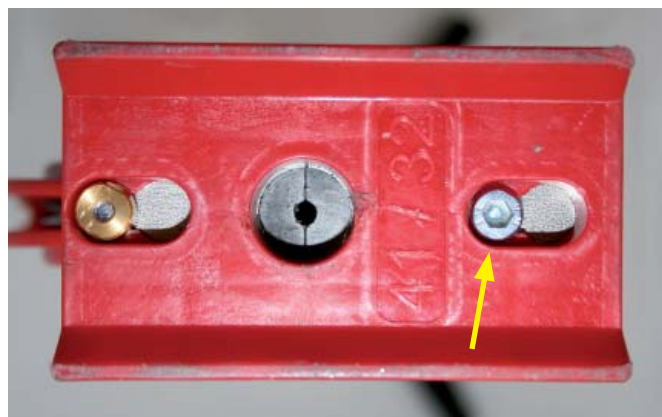
Check the selection of the profile attachment by placing the un-assembled attachment onto the crown.



Example: Profile attachment 23/34

For fixing to the valley of the load-bearing shell a profile attachment (article no.: 9152 260 008) is available.

2.4. Changing the profile attachments



- Loosen the hexagon socket head cap screw with the supplied size 5 socket head wrench (complete detachment is not necessary)

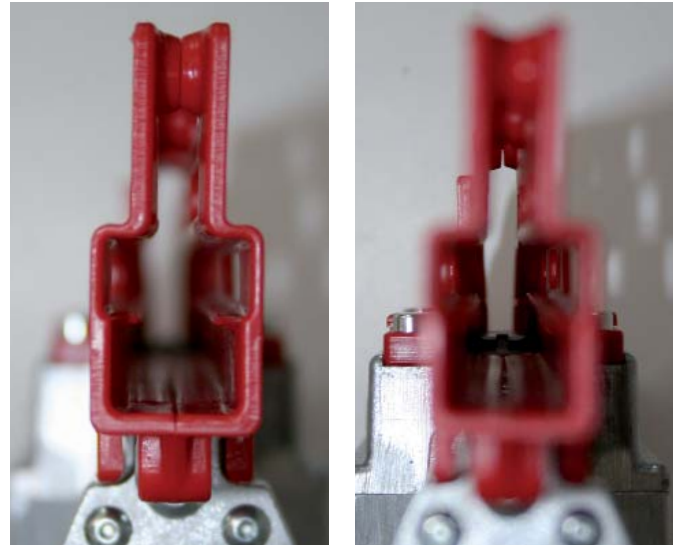
- Move the profile attachment lengthwise
- Detach the profile attachment and store it appropriately
- Select new profile attachment according to the intended application (see table 2.3.)
- Attach profile attachment with the lettering facing downwards and move over the screws.
- Tighten hexagon socket head screw
- Observe proper fit of the screw

2.5. Control of the general functions

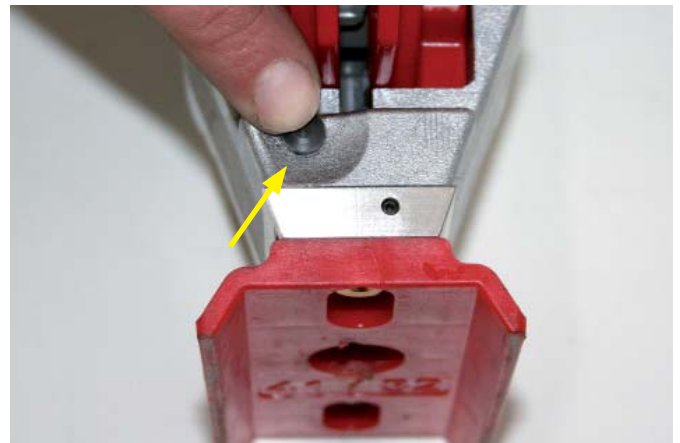
Remove not needed cartridge from the cartridge shaft, by pulling upwards and out.



Control cartridge and feed-in shaft for remaining screws from earlier fastening processes. Remove them!



Control the condition of the screw shaft and retainer jaws. Open the cover of the profile attachment retainer by pushing the closing button.



No screw may remain in the screw shaft, remove any possibly remaining screws!





Control the smooth running guidance and condition of the retainer jaws within the profile attachment retainer!



Close the profile attachment cover.

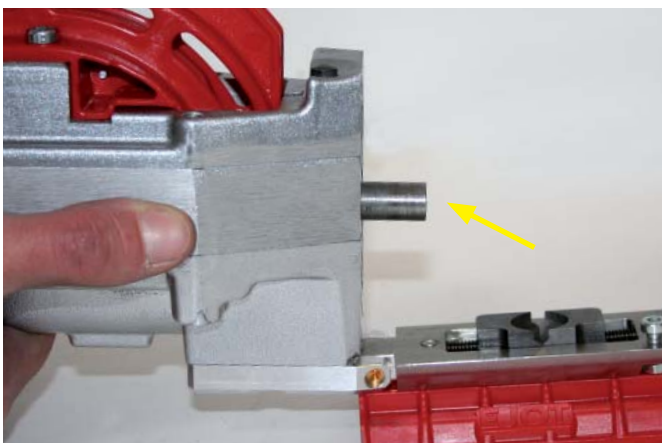
Can the stroke movement of the empty tool be carried out without any problems?

- If "yes":
Proceed as described.
- If "no":
See chapter "error sources and corrective action"



Warning: Never carry out a stroke movement when a screw is in the screw shaft and your hand is on the profile attachment! Increased risk of injury!

Control the condition of the nut by opening the profile attachment retainer and carry out an empty stroke. The nut on the drive shaft will become visible.



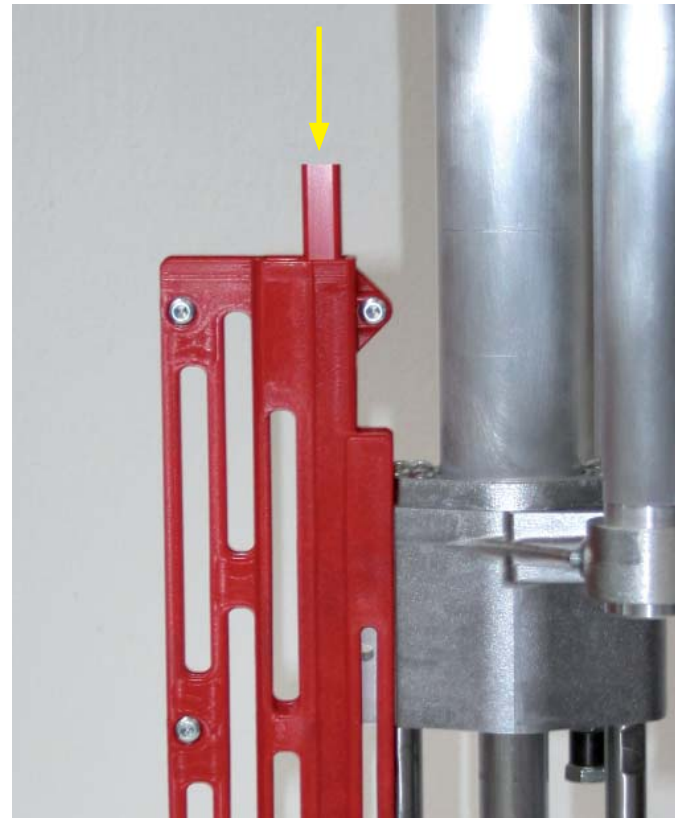
After ca. 12.500 fastenings EJOT recommends an exchange of the nut. The nut exchange is described in chapter "5 exchange of wear parts".

2.6. Cartridge feed

Use only EJOT cartridges, approved for use in the EJOFAST® JF Screwdriver!

Control the proper condition of the cartridge. The cartridge may not show any kinks. The spring clips of the cartridge have to be in sound condition.

Feed the cartridge into the cartridge shaft. Ensure the horizontal movement! The screw ends always point away from the tool.



The proper end stop is reached when:

- the cartridge is fed into the cartridge shaft up to the end stop
- the screws glide freely from the cartridge into the feed shaft

3. Placing into operation

3.1. Drive unit

Switch the drive unit to continuous operation.

Note the clockwise rotation of the machine! (factory setting)

For the battery tool: Control the charge of the batteries

3.2. Fastening process

Carry-out an empty stroke at the first fixing place, to feed the first screw.

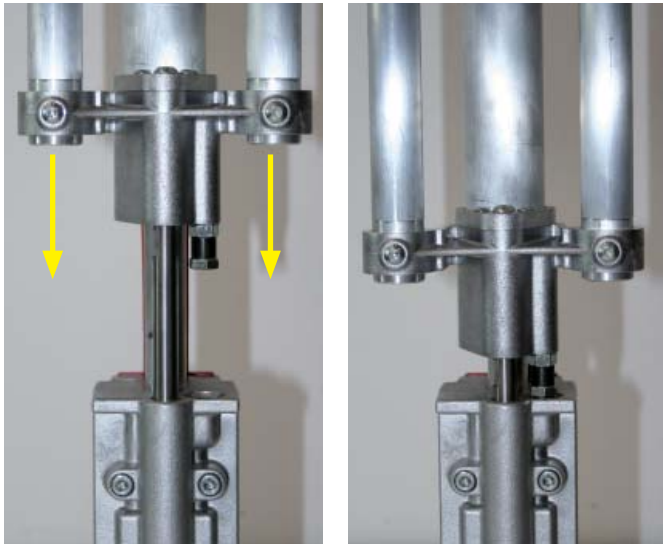
For this, please grip the screwdriver on both handles. The handle of the drive unit points away from you and into the work direction.



Never move backwards with the screwdriver! The accident risk increases. The work direction is always a forward movement!



Push the machine down vertically on both handles until end stop.



The empty stroke is done. There is now a screw in the chamber before the nut.

Now carry-out the first fastening process by pushing down on the handles again until reaching the end stop.

Apply the screw driver vertically flat onto the surface.

Recommendation: Depending on the width of the sheet metal and the used profile it might be helpful to pre-fix the two sheets in the middle of the joint with a screw.

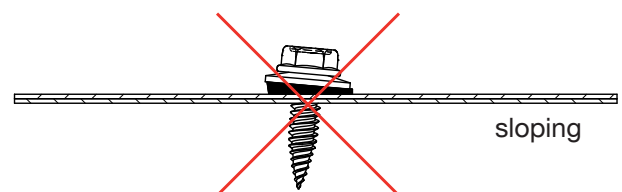
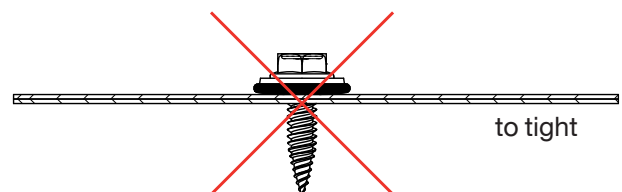
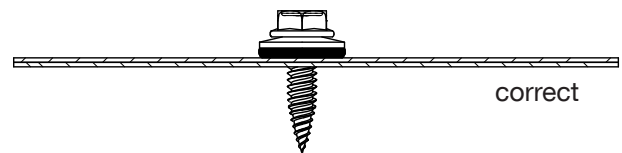
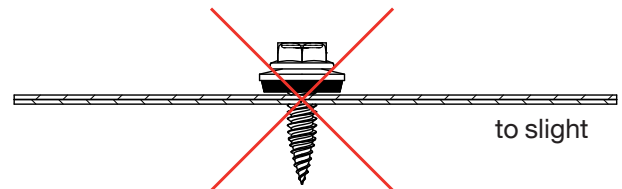
Jamming of the screwdriver leads to faulty fixing!

The first joint is now complete.

Switch off the drive unit.

Inspect the quality of the joint.
The screw is fixed properly, if:

- the sheets to be joined, both sit in the free spin zone of the screw.
- for screws with sealing washer, the washer is not deformed or damaged.



If you have controlled the proper placement of the screw, switch on the drive unit and continue fastening as described in the processing guidelines.

3.3. Cartridge change

If all screws from the cartridge and the feed shaft are used, exchange the cartridge. It is not necessary to switch off the drive unit.

Remove the empty cartridge. The cartridge cannot be re-used. Please recycle the cartridge.

Insert a full cartridge as described in "2.6. cartridge feed".

Conduct an empty stroke in order to feed a screw into the screw shaft. Continue the fastening process.

3.4. End of the fastening process

Switch off the drive unit. Leave the cartridge in the cartridge shaft. This will prevent sliding back of the screws during transport.

4. Adjustments

Before adjusting the equipment take the drive unit of the power supply.

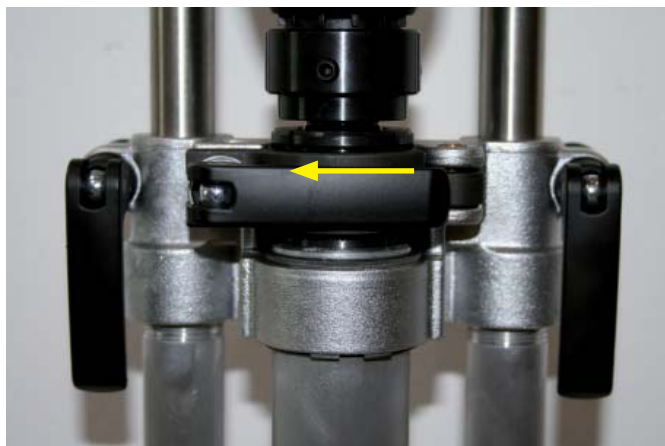
4.1. Adjusting the depth control



The depth control of the screw driver is generally pre-set!

If the fit of the joint is not correct (see image 3.2) it is necessary to re-adjust the depth control.

Adjusting the end stop is only possible over the machine adaptor.



At first, loosen the middle quick release, that fixes the drive unit in the installation tool.

Pull-out the drive unit vertically from the uptake to expose the adjustment ring.

Turning the adjustment ring out or in, will change the installation depth.

- Turning out:
The screw head sits closer to the upper edge of the sheet.
- Turning in:
The screw head moves away from the upper edge of the sheet.



Replace the drive unit exactly into the machine adaptor.

Lock the quick release.

Carry out a test run to control the proper fit of the screw.



Adjust the ring for a maximum of a half turn. Carry out another test run.

5. Change of wear and tear parts

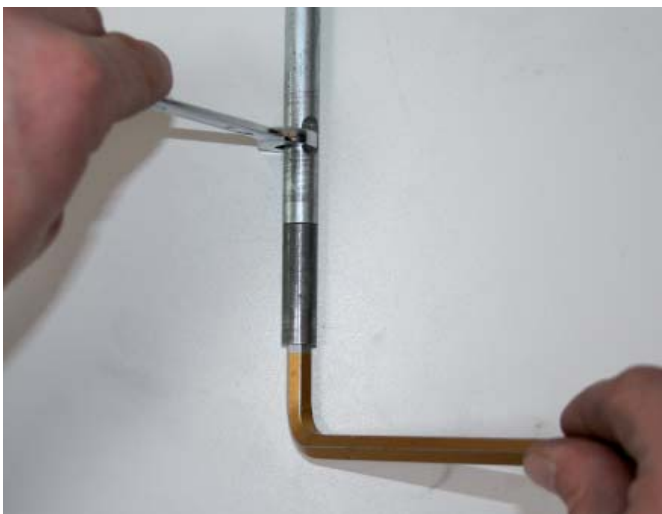
Before exchanging wear parts, remove the drive unit from the power supply!

5.1. Changing the nut

Remove the drive unit, incl. the drive shaft, from the screw driver by opening up the middle quick release and pull the machine, including the drive shaft, upwards.



Insert the enclosed size 8 socket head wrench into the head of the nut and lock the drive shaft at the proper place with the enclosed A/F 10 wrench.



Loosen the nut from the drive shaft by turning the socket head wrench to the left. Correctly dispose of the worn nut.

Attach the new nut by carrying out the previous steps in reverse sequence.

Properly re-install the drive unit until reaching the end stop and lock it with the quick release.

The quick locking device has to keep the drive unit firmly in position!

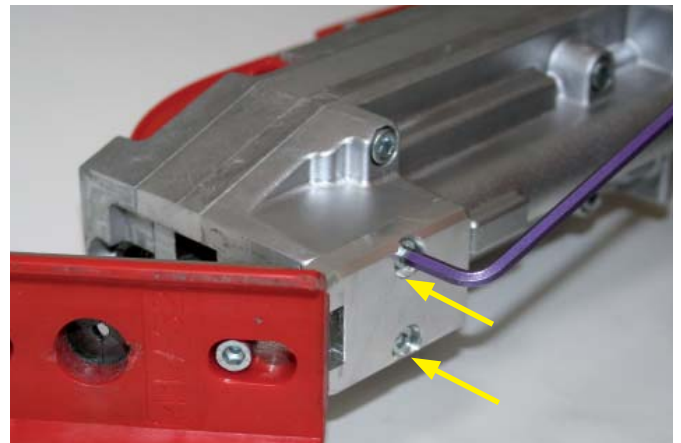
5.2. Changing the profile attachment retainer

If excessive wear or improper handling have caused damage to the profile attachment retainer it is possible for the operator to exchange it.

Remove the mounted profile attachment as described in chapter "2.4 changing the profile attachments" and store it carefully.

Open the profile attachment retainer by pushing the closing button

Loosen and remove the two size 4 hexagon socket screws at the lower housing part.



Separate the complete nozzle retainer from the housing part.

Reattach the new nozzle retainer with the hexagon socket screws.

Close the nozzle retainer and fix the desired nozzle according to the description under "2.4 changing the profile attachments".

6. Maintenance

Remove the tool from the power supply before any maintenance work!

6.1. Cleaning and lubricating the drive shaft

Separate the drive unit, including the the drive shaft, from the rest of the screwdriver, by opening the quick release and pulling the machine, incl. the drive shaft, up and out.

Remove dirt with a lint-free cloth.

Lubricate the drive shaft slightly with Lubrisept.

Properly re-install the drive unit until reaching the end stop and lock it with the quick release.

The quick locking device has to keep the drive unit firmly in position!

6.2. Changing and lubricating the profile attachment retainer and the retainer jaws

Open the cover of the profile attachment retainer by pushing the closing button.

Control the smooth running guidance and condition of the retainer jaws within the nozzle retainer!

Remove dirt with a lint-free cloth.

Lubricate the guidance of the retainer jaws slightly with Lubrisept.

Close the nozzle retainer.

7. Error sources and corrective action

7.1. During the downward stroke movement the tool does not reach complete end stop:

Cause:

A screw in the screw shaft.

Solution:

Open the nozzle retainer by pushing the ejector button and remove the screw.

Close the nozzle retainer and try again.

7.2. The screws sit aslope

Cause:

The operator does not apply the tool vertically to the surface.

Solution:

Apply the tool vertically and flat onto the surface

7.3. During transport the screw slides out of the cartridge and the feed channel:

Cause:

The magazine has been removed from the cartridge shaft.

Solution 1:

Transport the tool vertically and fix the screws remaining in the tool.

Solution 2:

Remove the screws manually from the cartridge and feed channel.

Insert a new cartridge as described under 2.6. and leave it in the screw driver until complete emptying.

7.4. Despite a full cartridge no screws are transported into the screw chamber:

Cause:

One or more screws are jammed up in the feed channel.

Solution:

Remove the feed channel with the enclosed size 5 socket head wrench and lift the feed channel upwards.

Remove the jammed up screws and re-fasten the feed channel.

7.5. During the work stroke the drive unit glides upwards and out of the holding fixture:

Cause:

The quick release does not have enough tension.

Solution:

Install the unit, adjust the quick release with the set screw and close the quick release with sufficient tension.

8. General information about malfunctions

In case of a malfunction not described here, please call our malfunction hotline under the phone number +49 2752 908-0, or contact your field engineer. We will immediately assist you with the corrective actions.

Improper handling and repairs beyond the scope described in this operating manual lead to forfeiture of the warranty.

9. Enclosed tools

- Size 5 socket head wrench
- Size 8 socket head wrench
- Spanner wrench A/F 10

10. Contents of an EJOFAST® JF Screwdriver set

A newly purchased and complete set includes the following components:

- EJOFAST® JF Screwdriver incl. FEIN drive unit
- Set of tools (list see above)
- Transport case for the EJOFAST® JF Screwdriver
- Operating manual for the EJOFAST® JF Screwdriver
- Operating manual for the FEIN drive unit

Additionally for the battery-supplied version:

- 1 spare battery
- 1 battery charger

Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins or other markings on the paper.

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