



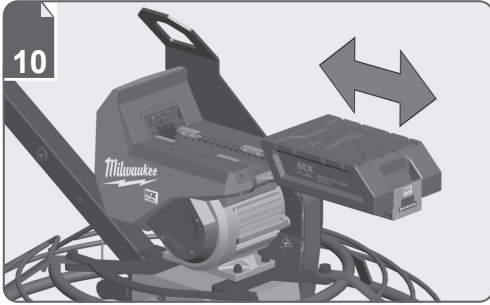
Nothing but **HEAVY DUTY.**



MXF WBTO90

Original instructions

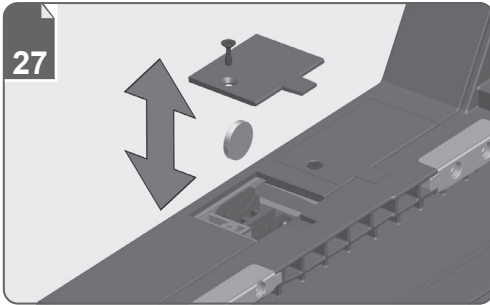
10



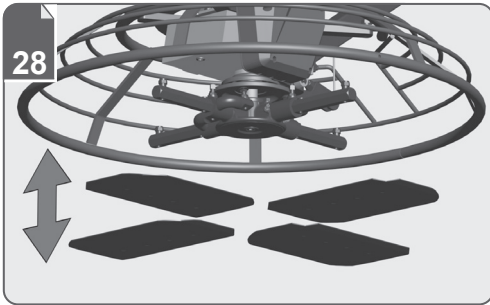
23



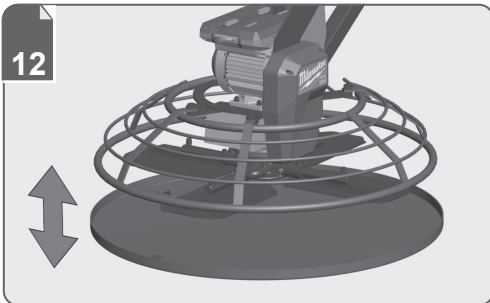
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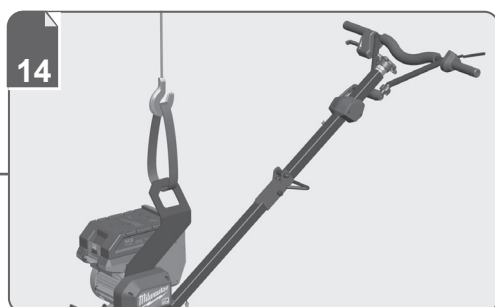
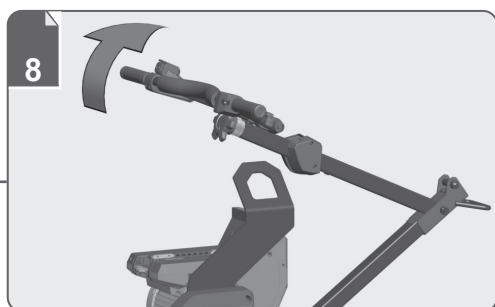
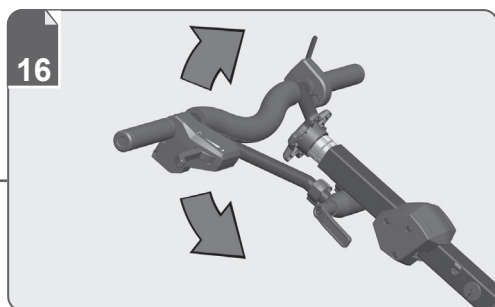
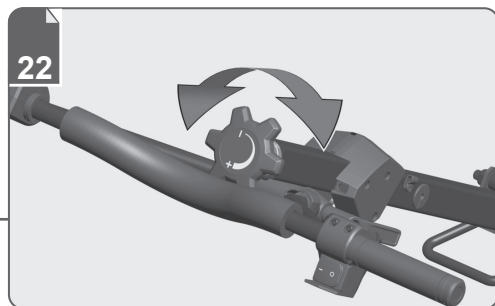
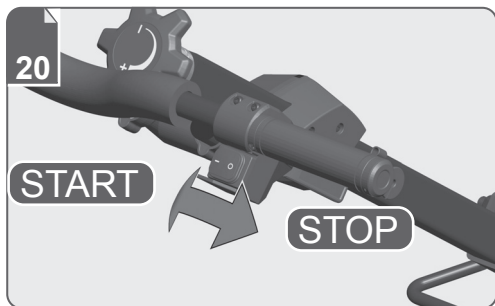
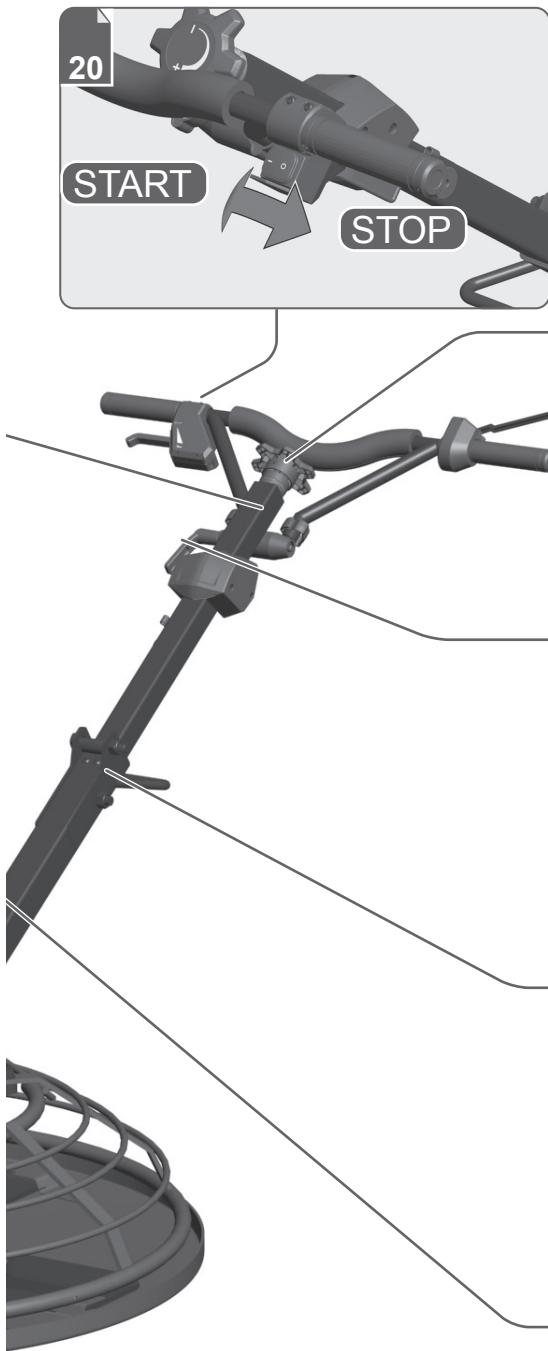


28



12





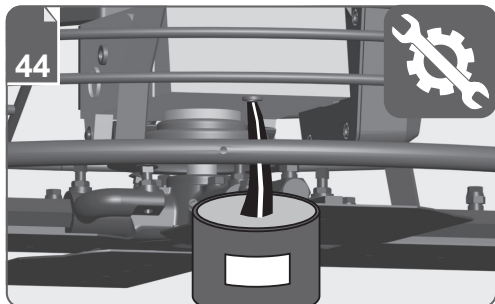
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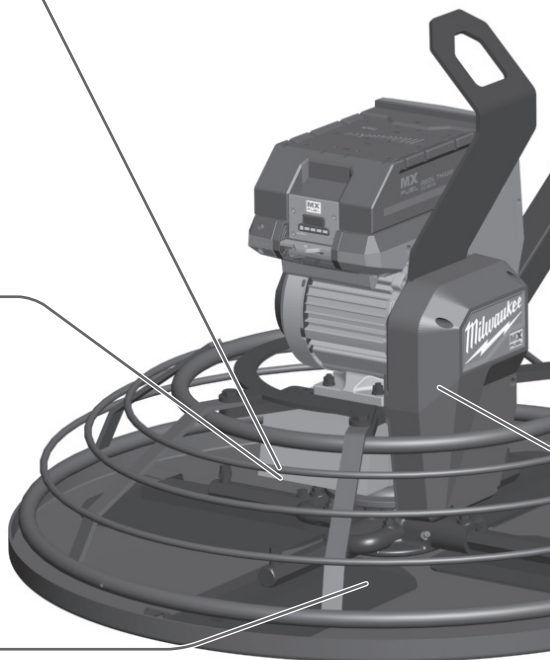
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44



39



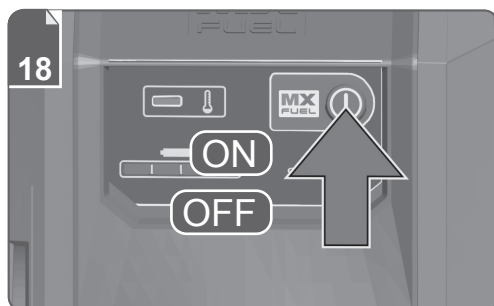
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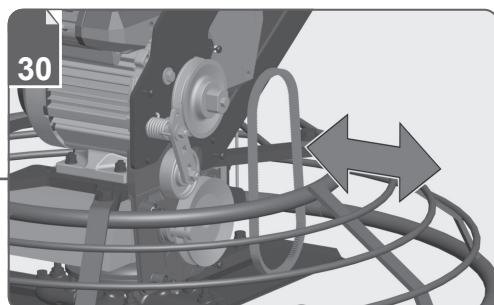
24-
26



18



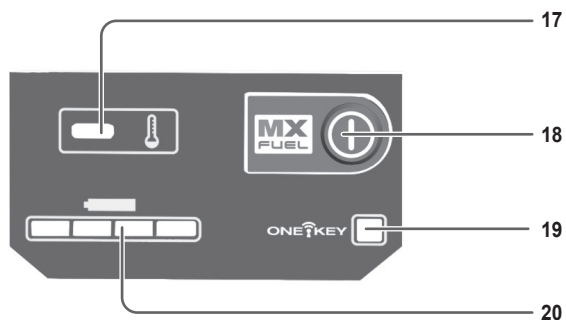
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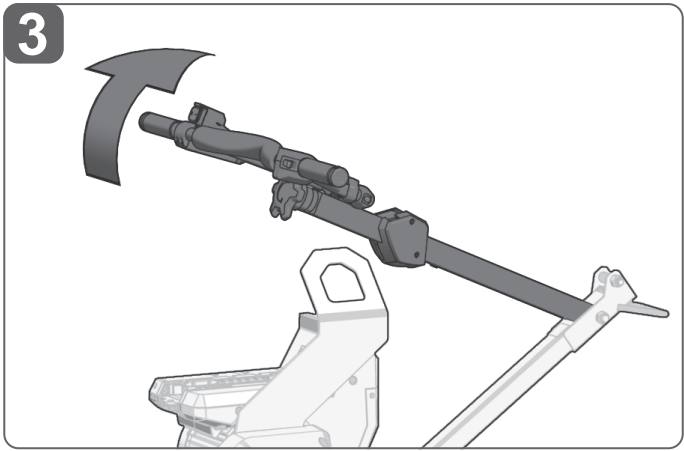
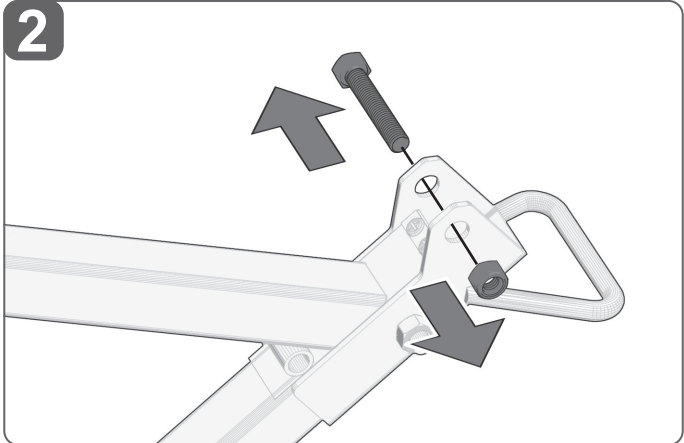
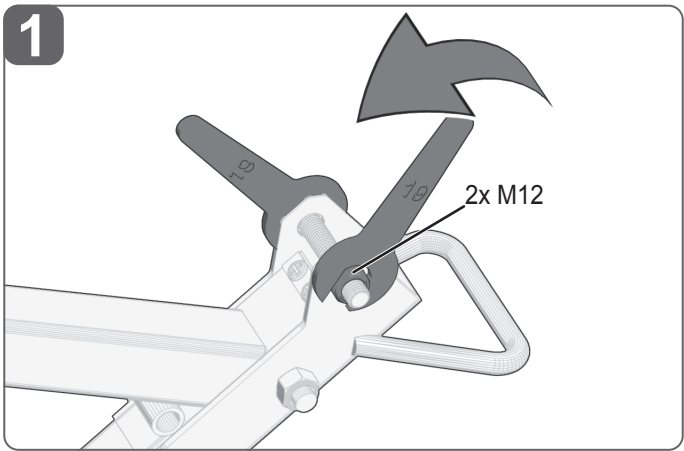
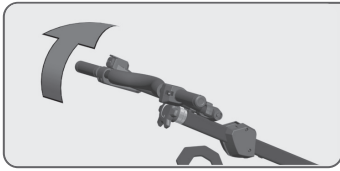


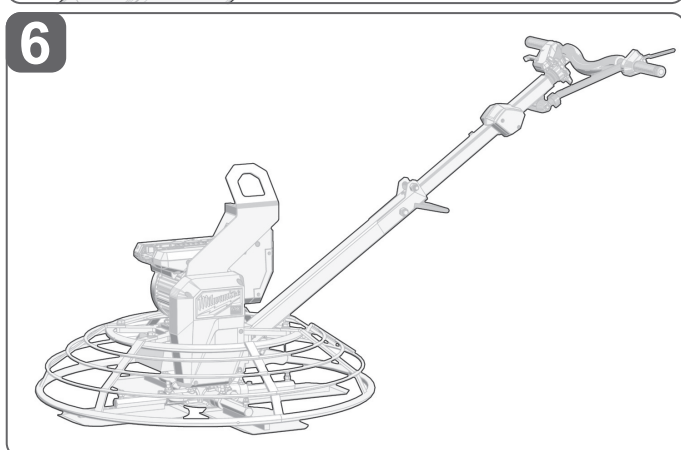
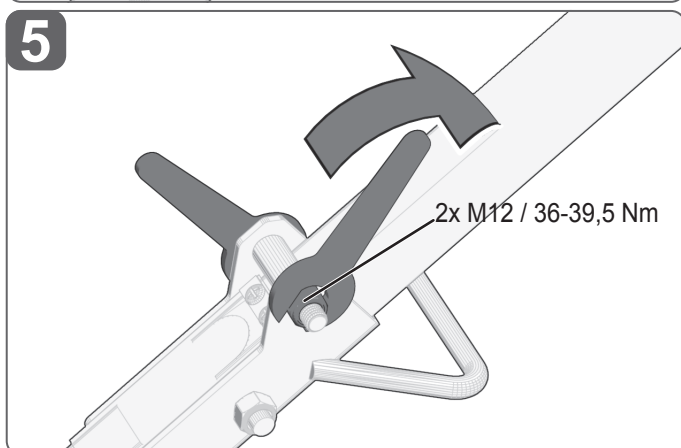
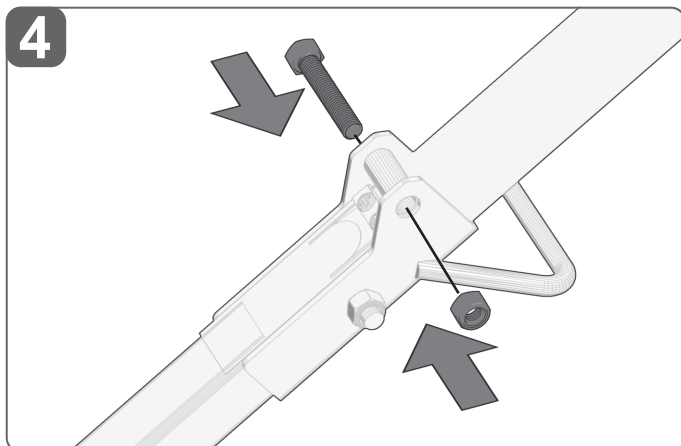


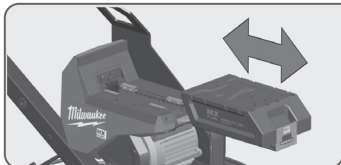


- 1 Throttle
- 2 Pitch adjustment knob
- 3 Grip adjustment lever
- 4 Hoist hook
- 5 ONE-KEY™ battery compartment
- 6 Battery lock
- 7 Belt guard
- 8 Tie down / lifting point
- 9 Oil drain plug
- 10 Blade
- 11 Quick stop handle
- 12 On/Off switch
- 13 Battery pack
- 14 Tie down / lifting point
- 15 Guard ring
- 16 Pan



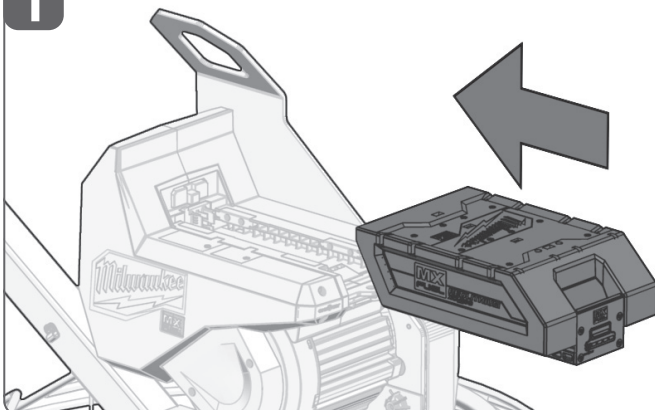




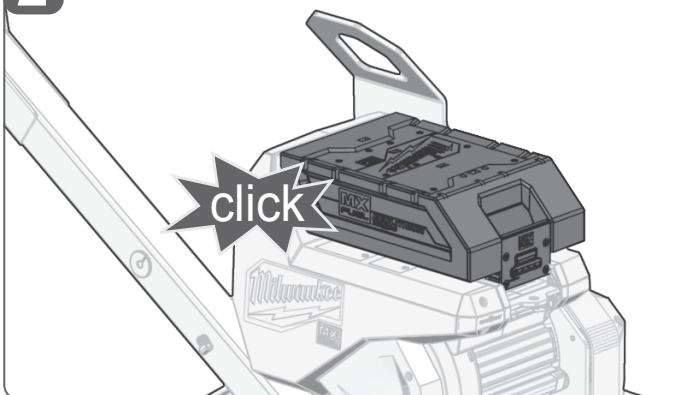


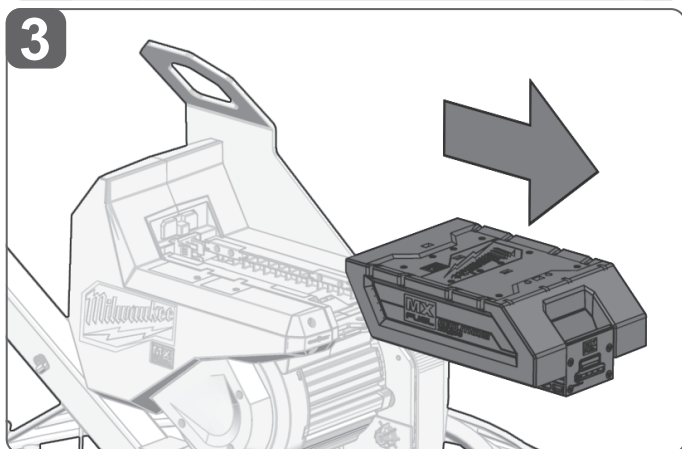
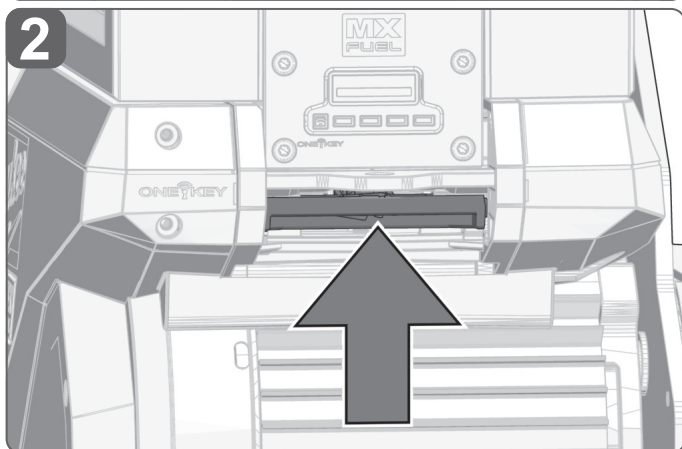
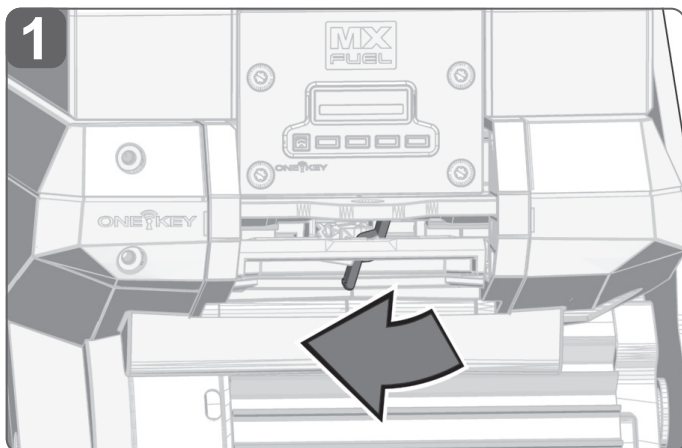
Remove the battery pack before starting any work on the machine.

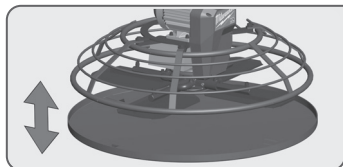
1



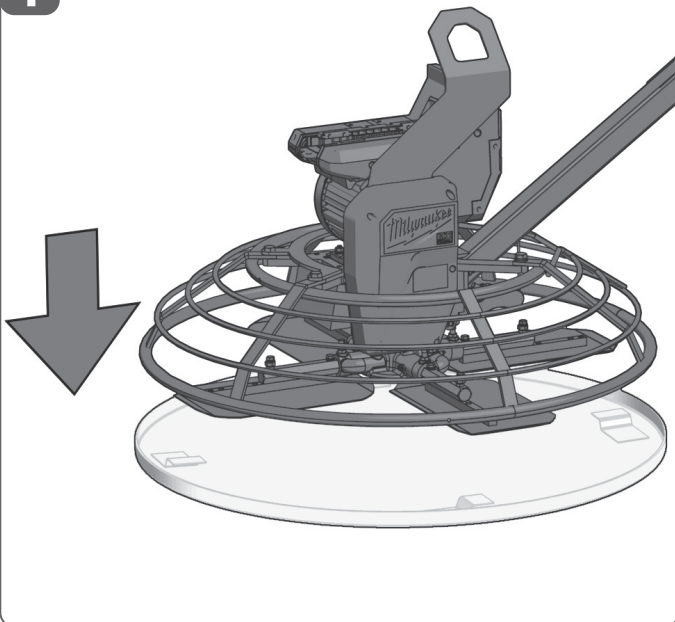
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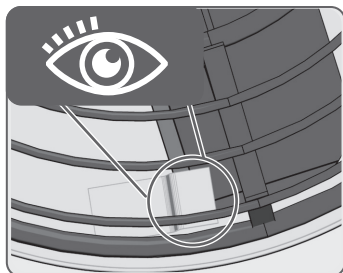
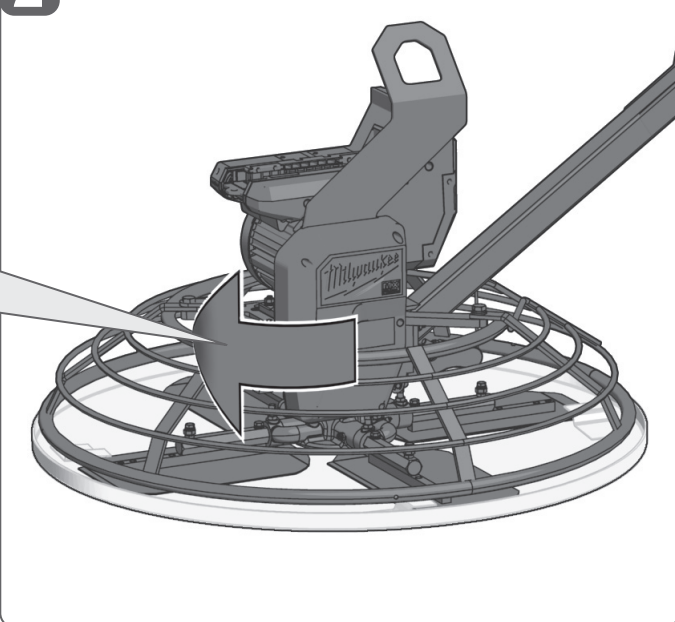


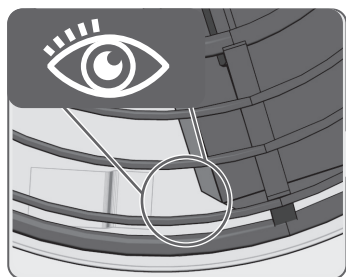


1

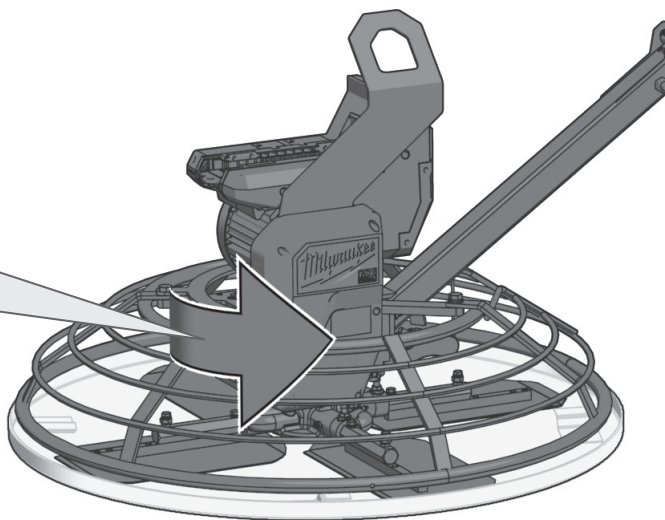


2

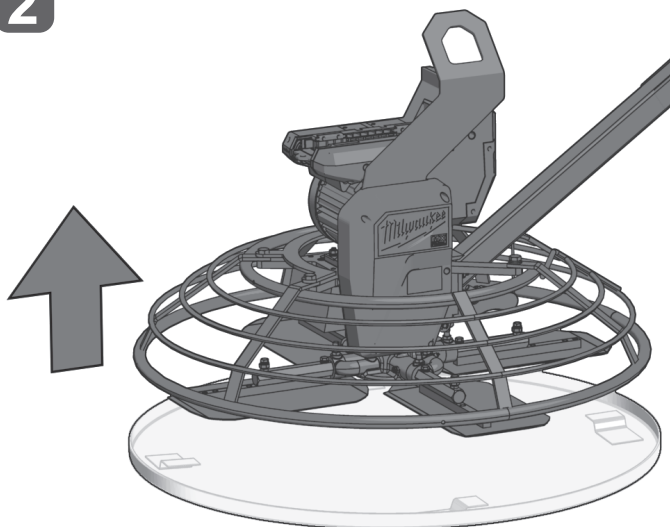


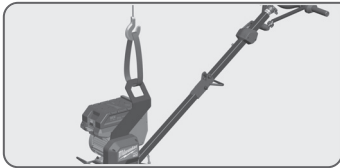


1

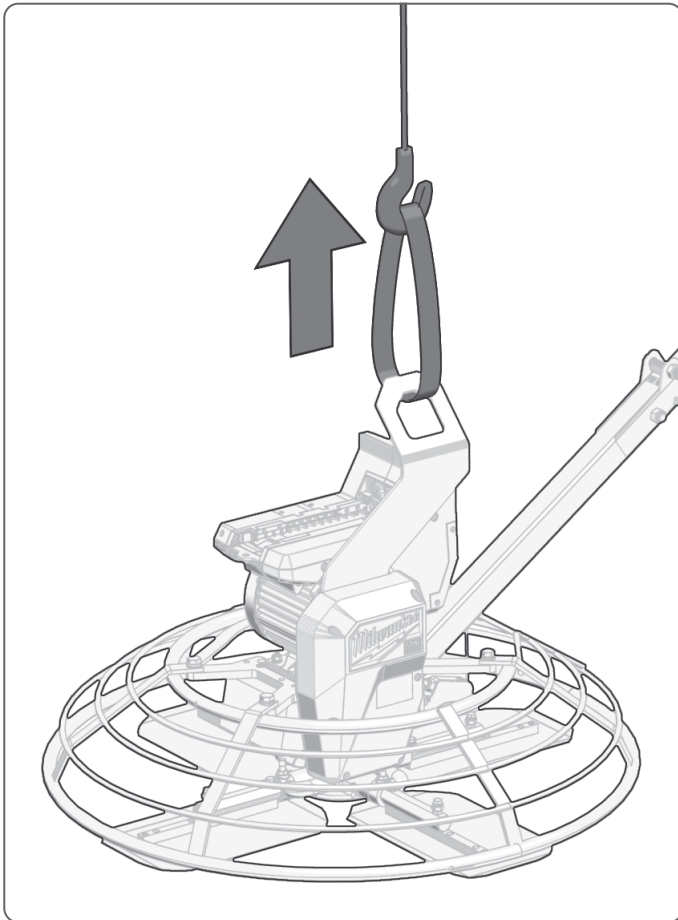


2

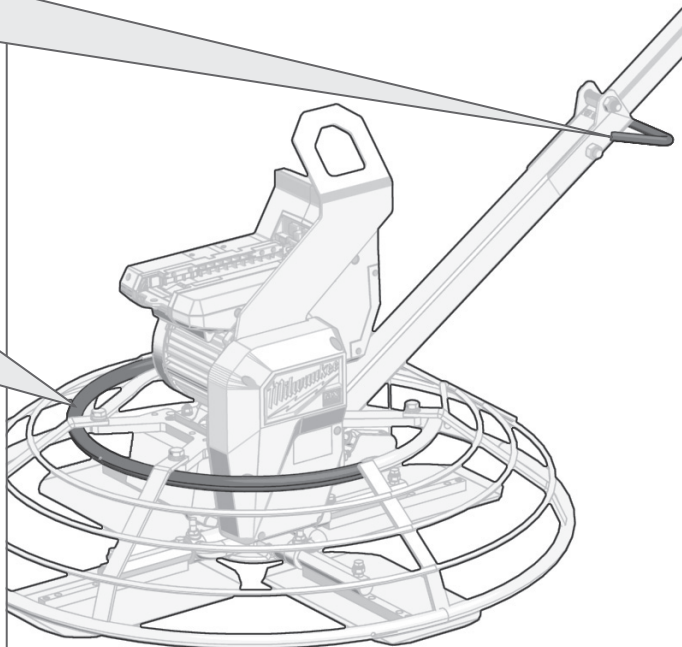


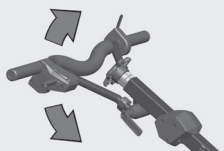


Use only this point for lifting. Ensure the hoisting strap will not slip or contact other parts.

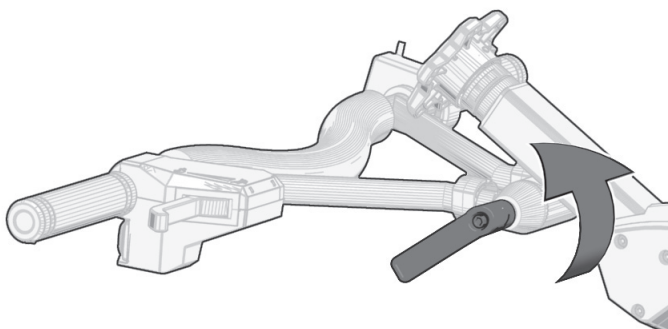


Only use the handles for transportation. This machine always requires two people for transportation!

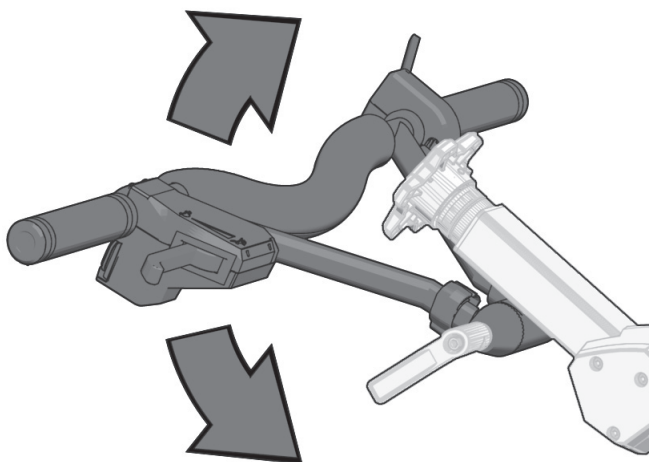




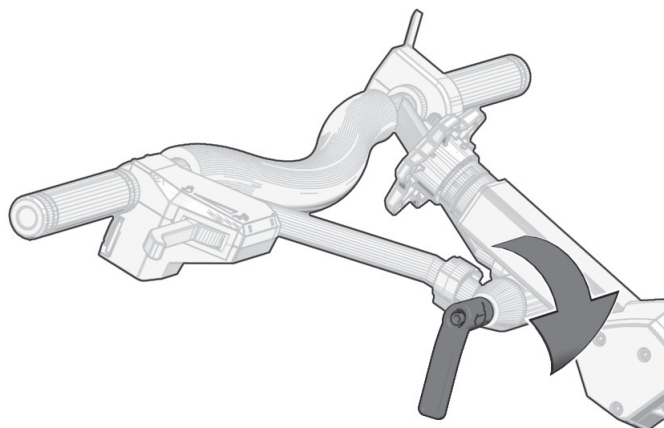
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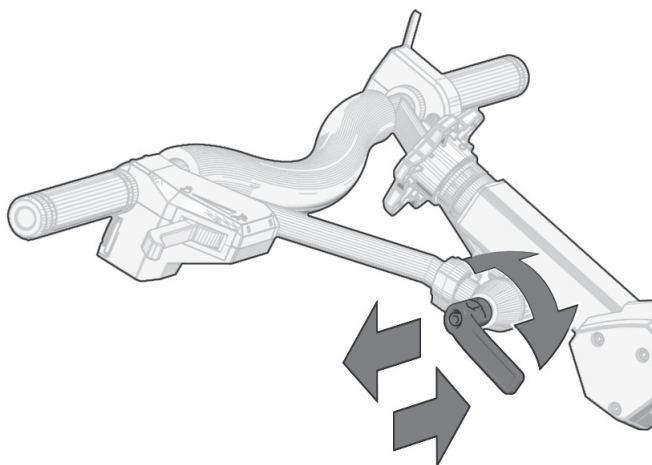
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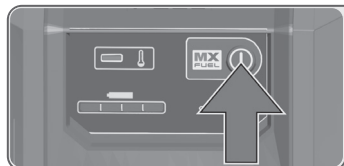


3



4



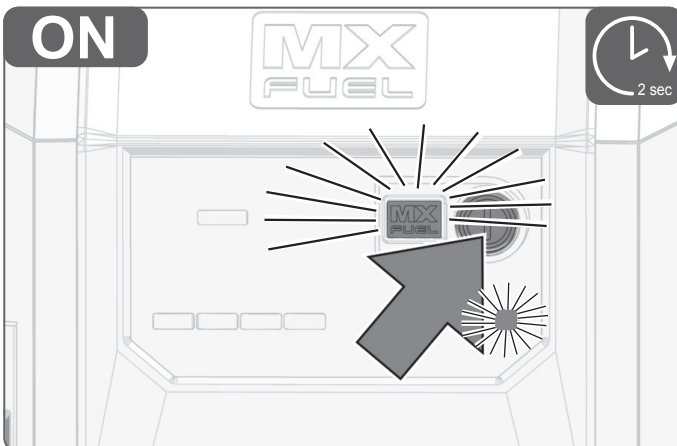


This machine must be activated before switching on.



ON

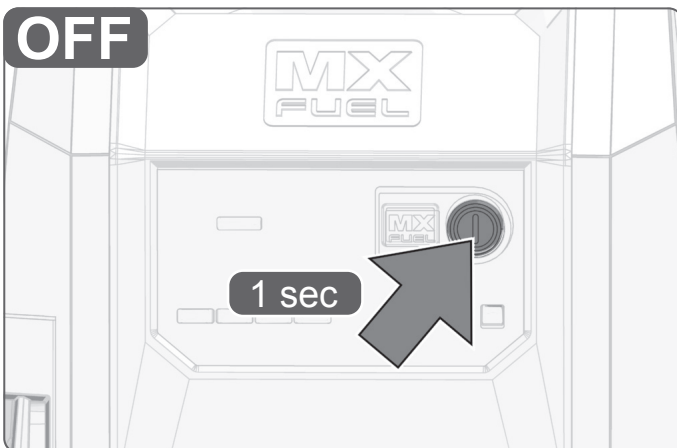
**MX
FUEL**



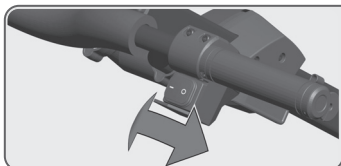
OFF

**MX
FUEL**

1 sec



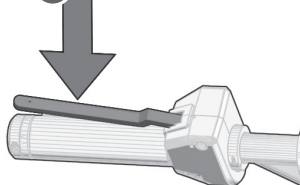
Press button, LED will light up, machine is ready to start.
After 15 minutes of inactivity, the machine goes into sleep mode.
Press button for 1 sec. to reactivate the machine.
Press button again for 1 sec. to deactivate the machine.



This machine must be activated before unit will start.

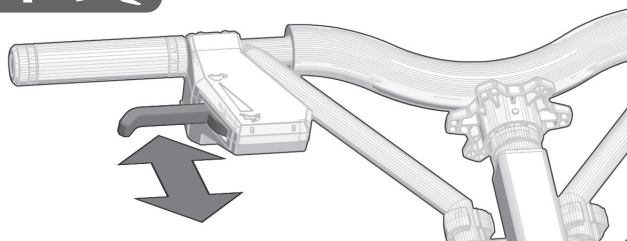
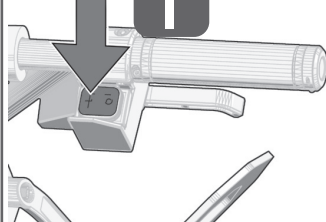
START

1



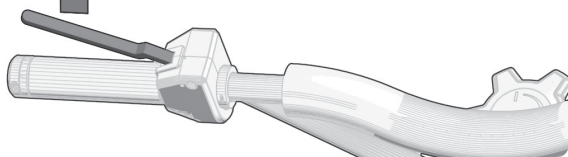
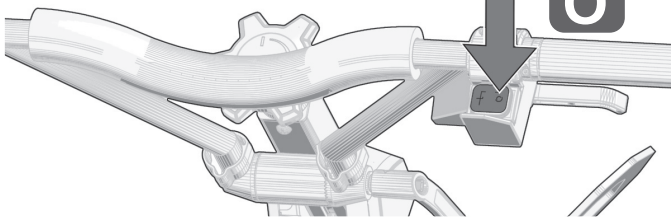
2

I



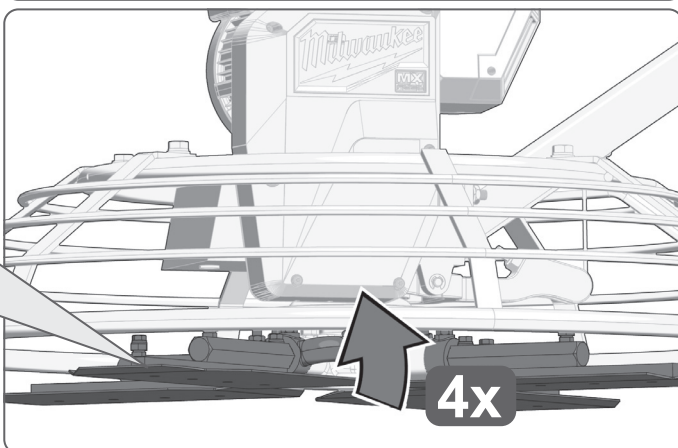
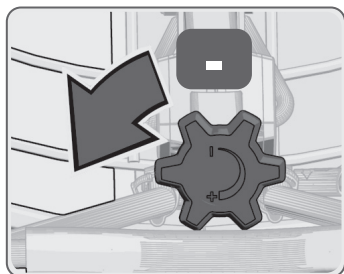
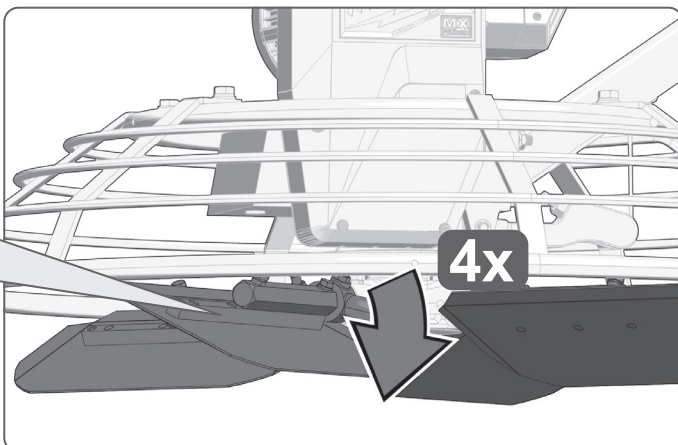
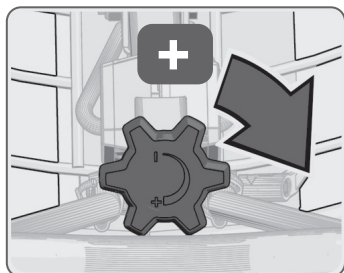
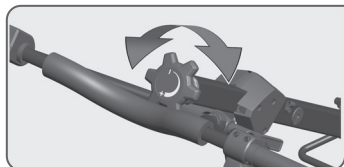
STOP

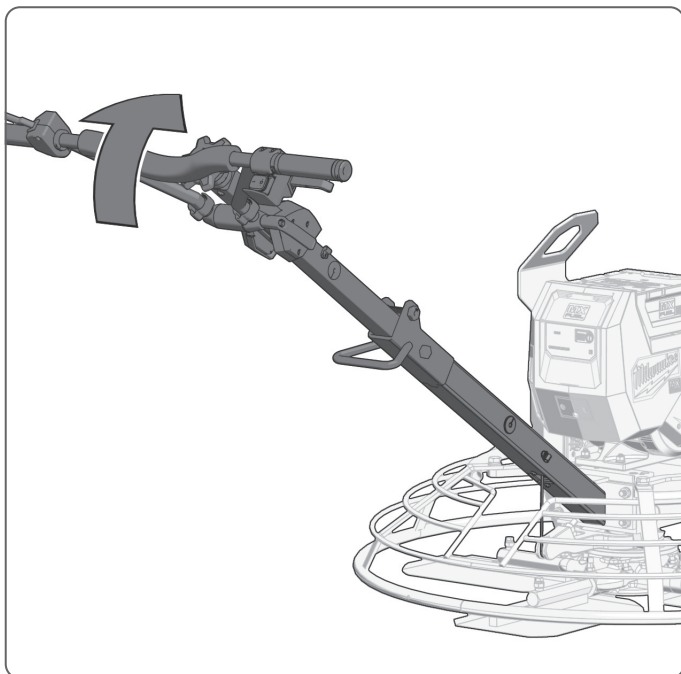
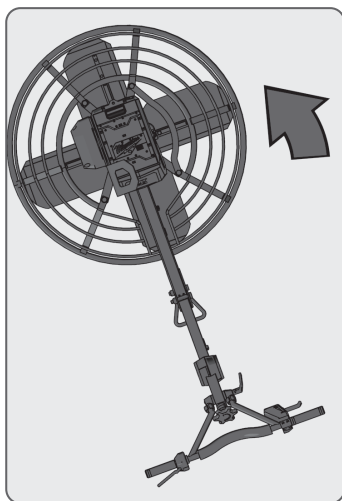
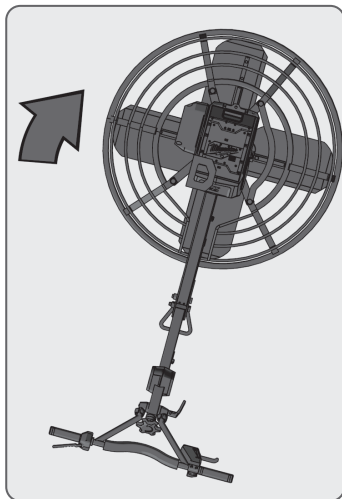
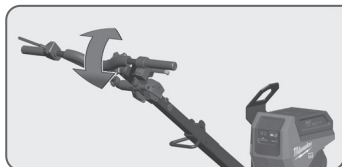
O

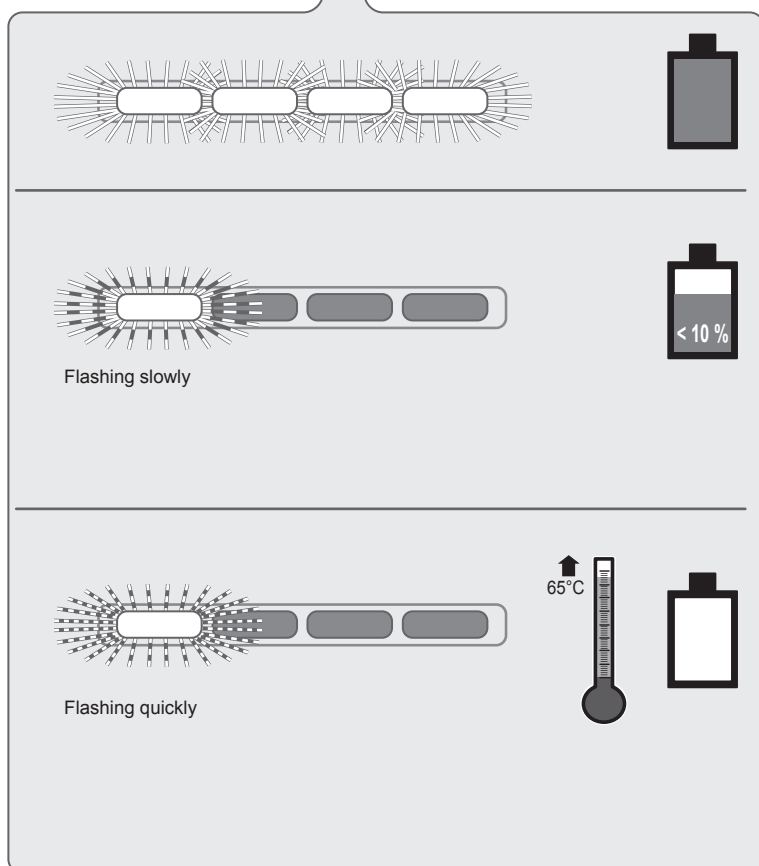
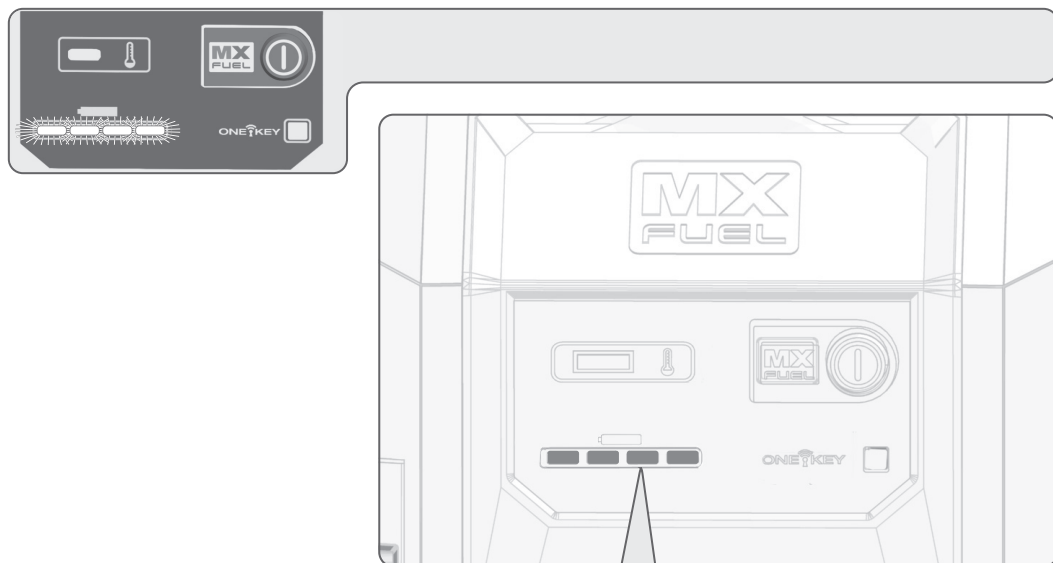




Insulated gripping surface



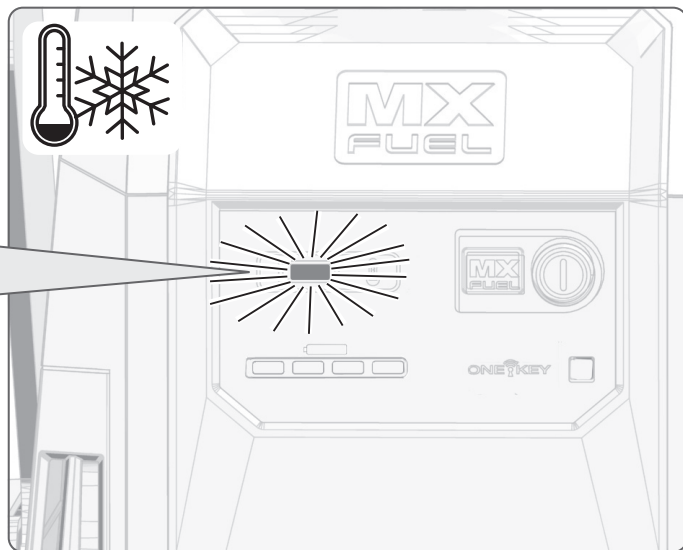






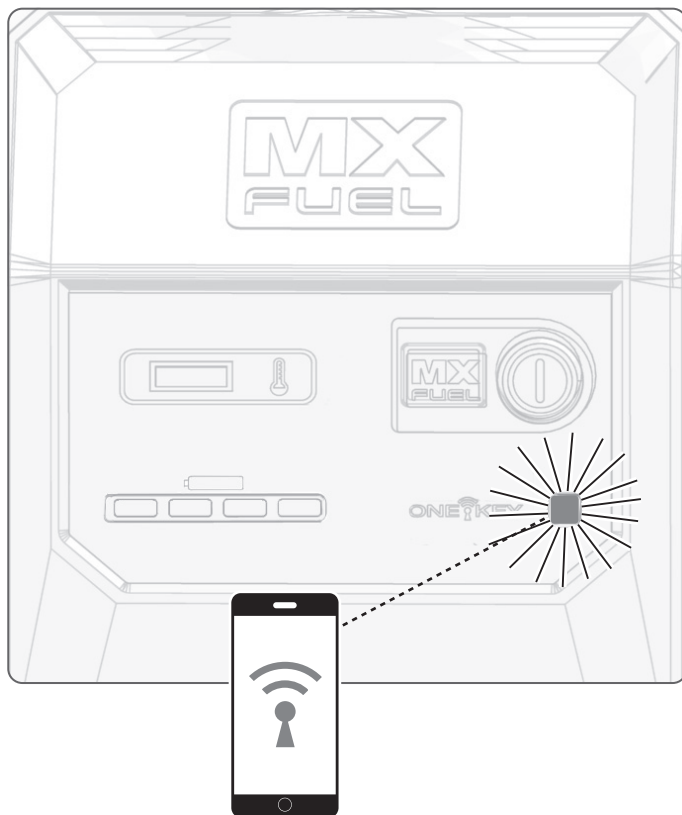
Overtemperature indicator illuminate:

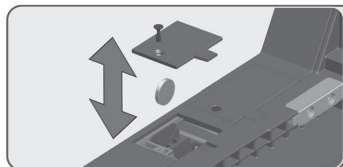
The machine or the battery temperature is too high. Allow the machine or battery to cool down.



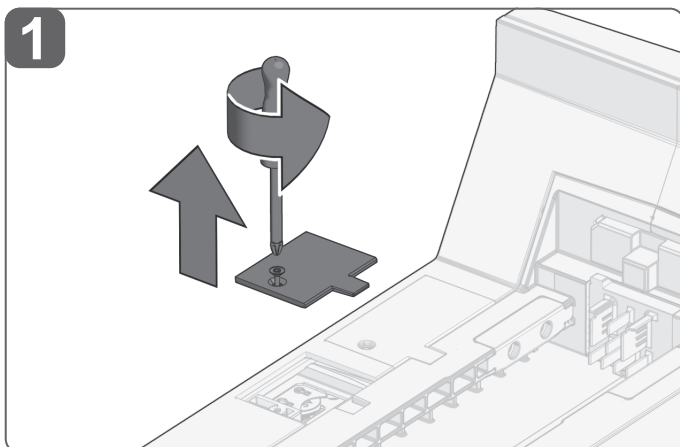


For detailed description of
ONE-KEY™ function, see text section.

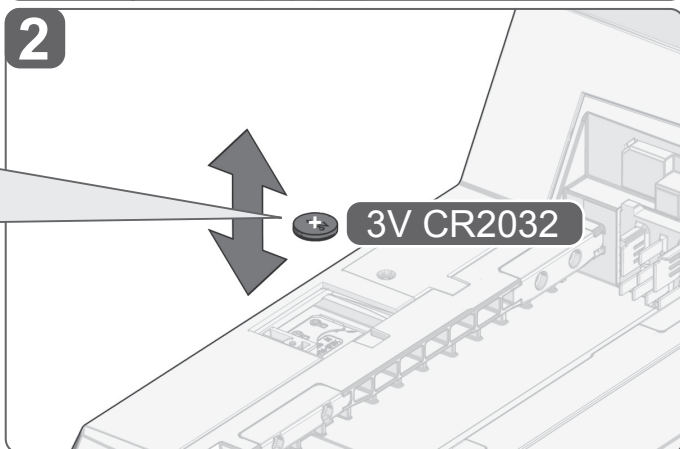




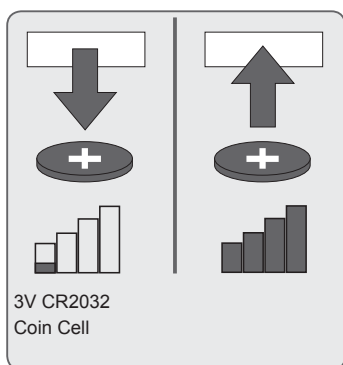
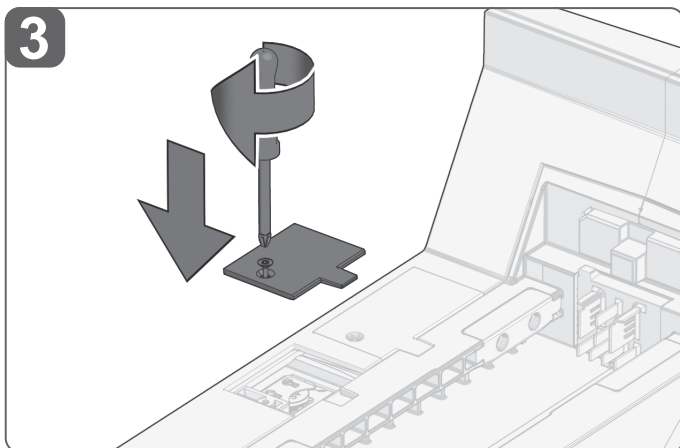
1

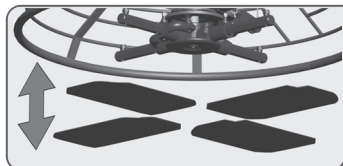


2

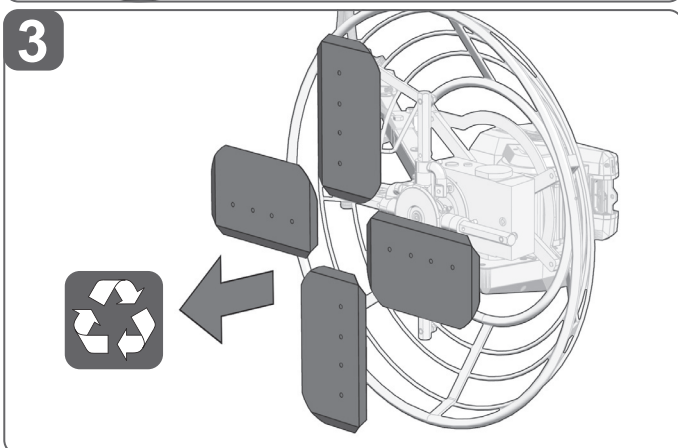
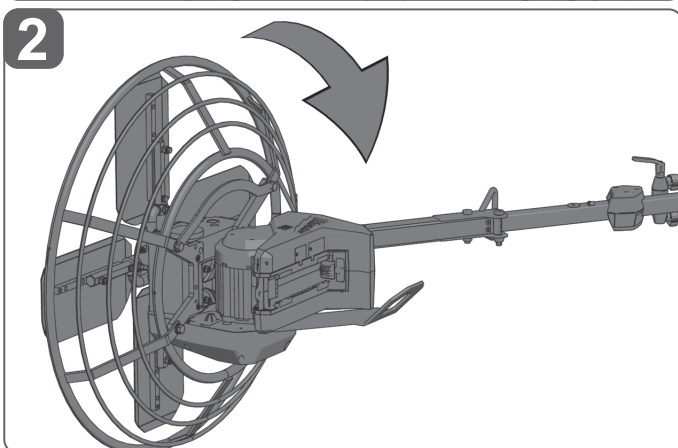
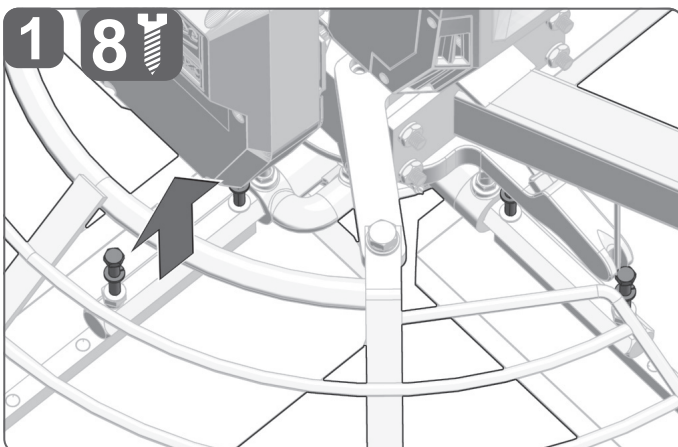


3





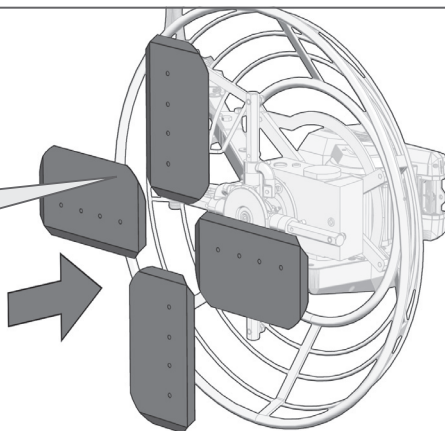
All four blades should be replaced at the same time.



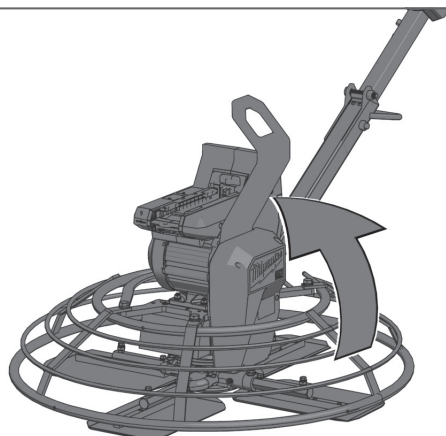


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4

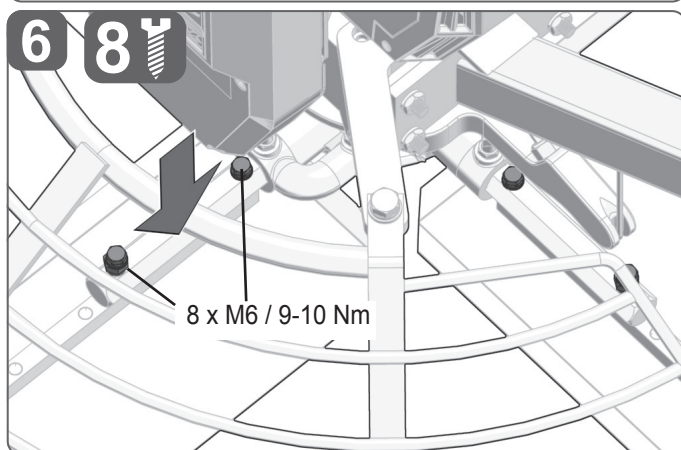


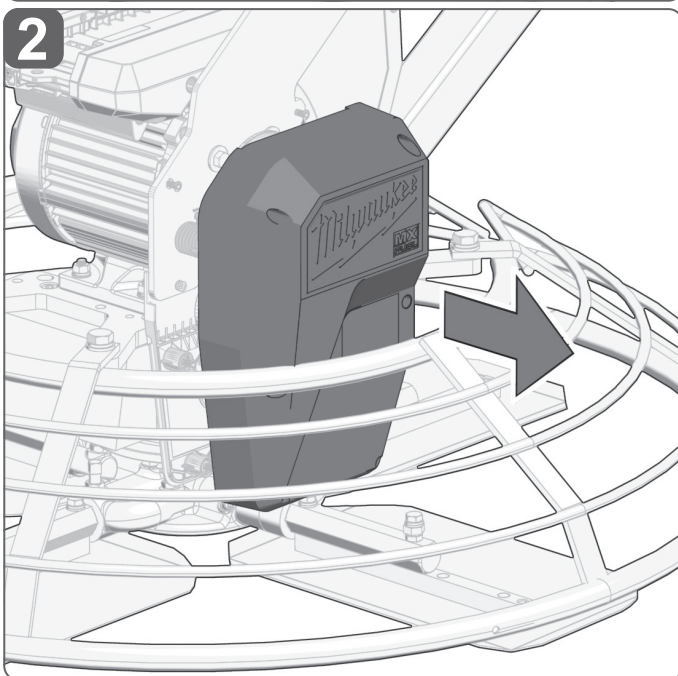
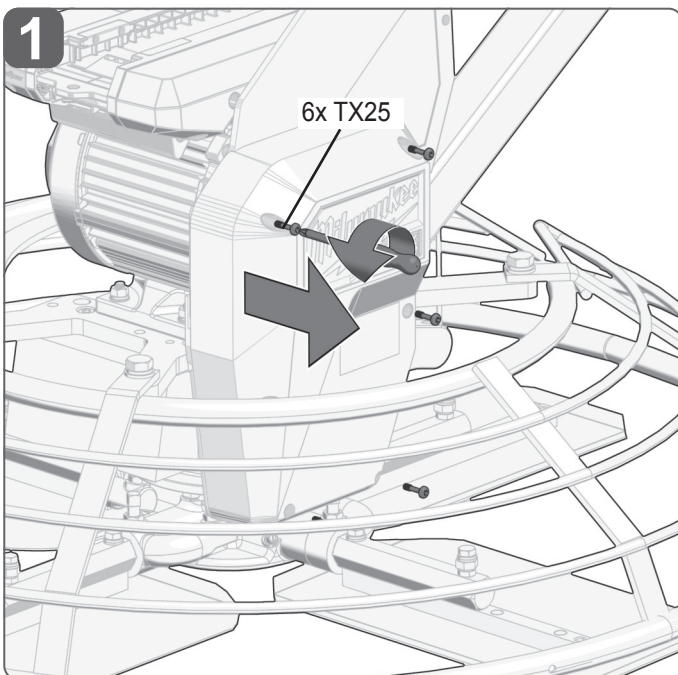
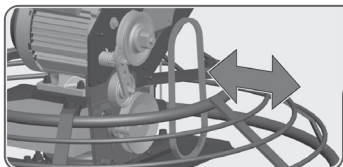
5



6

8



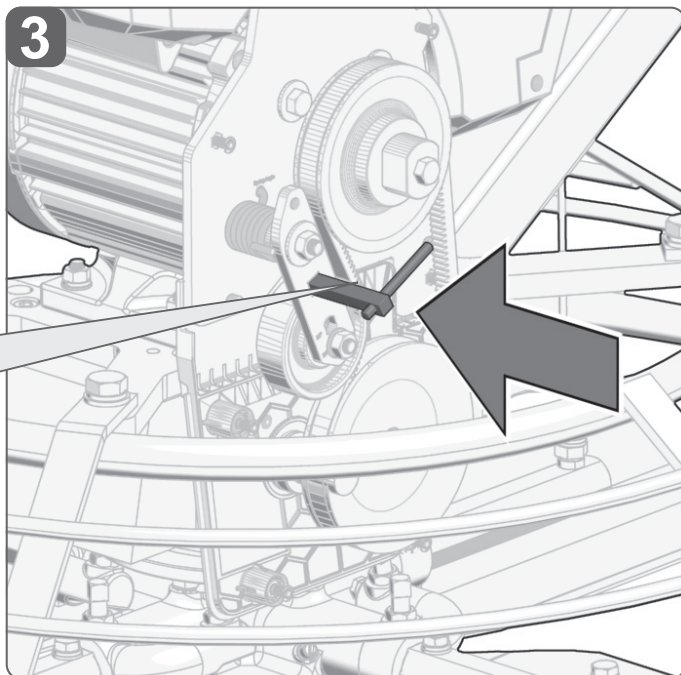




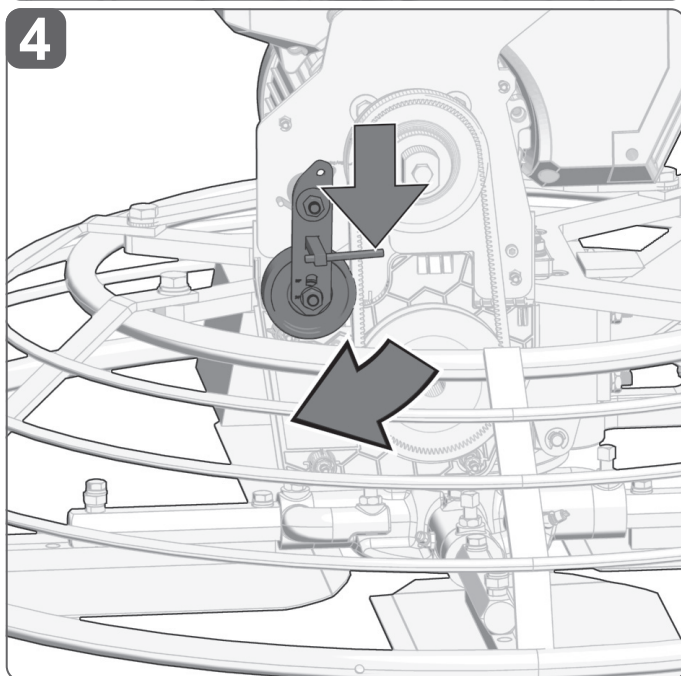
3



■ 3/8" / 9.5 mm

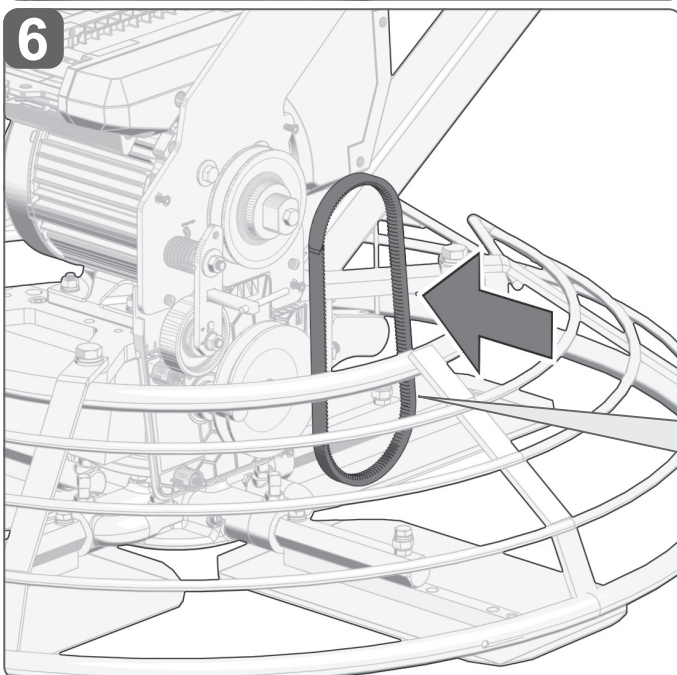
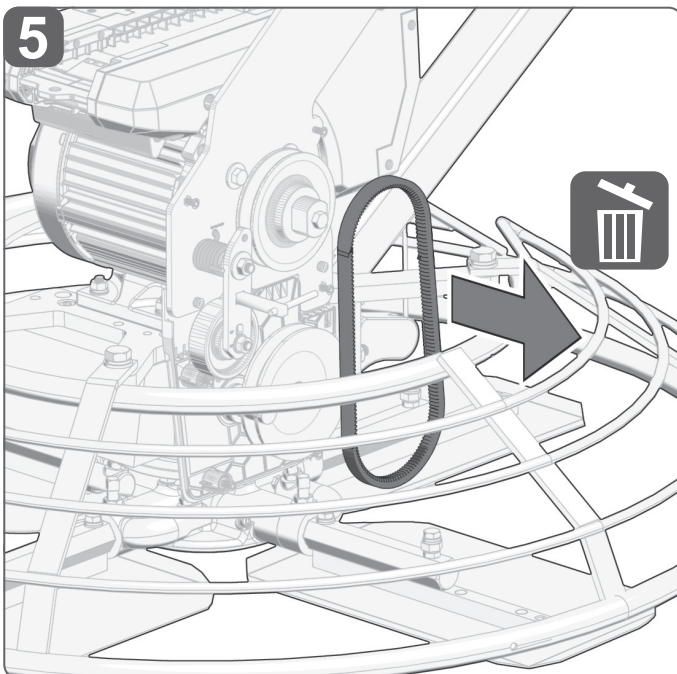


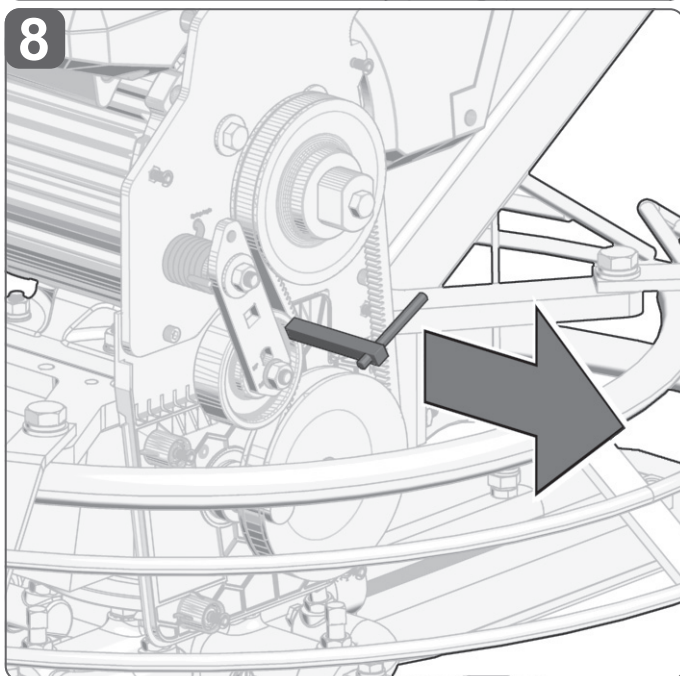
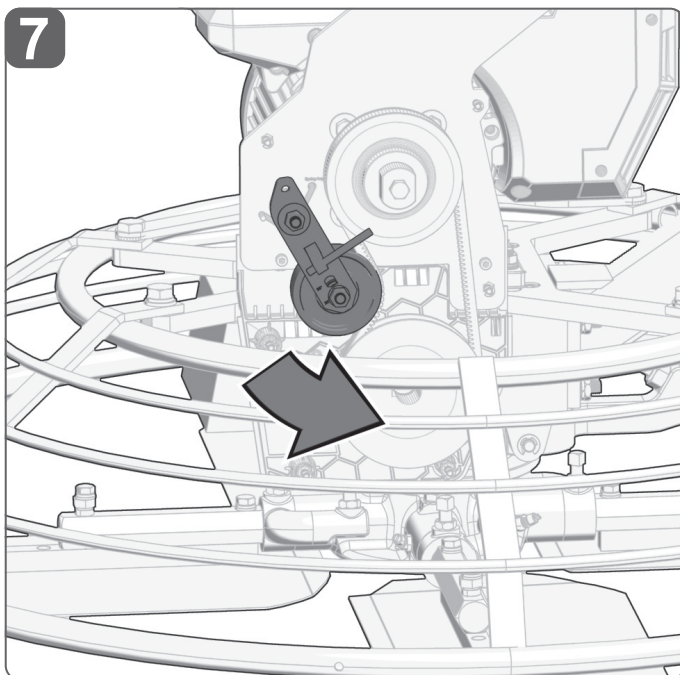
4



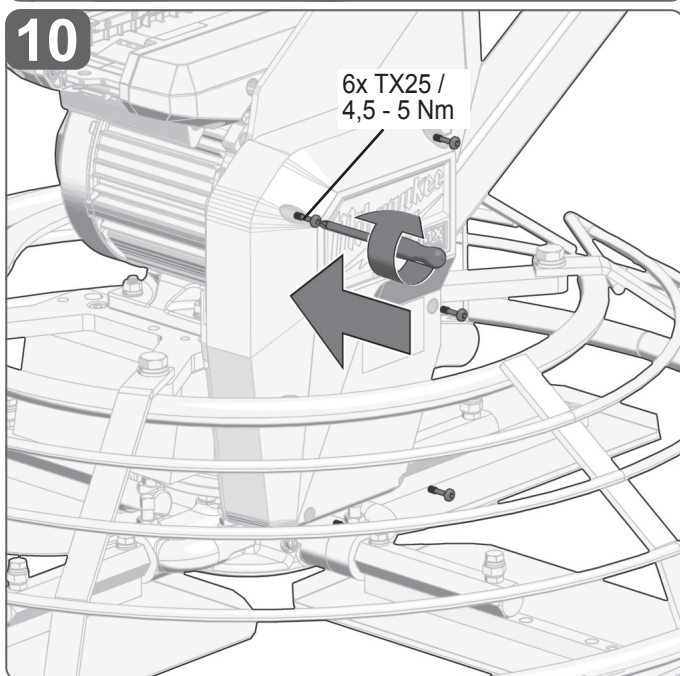
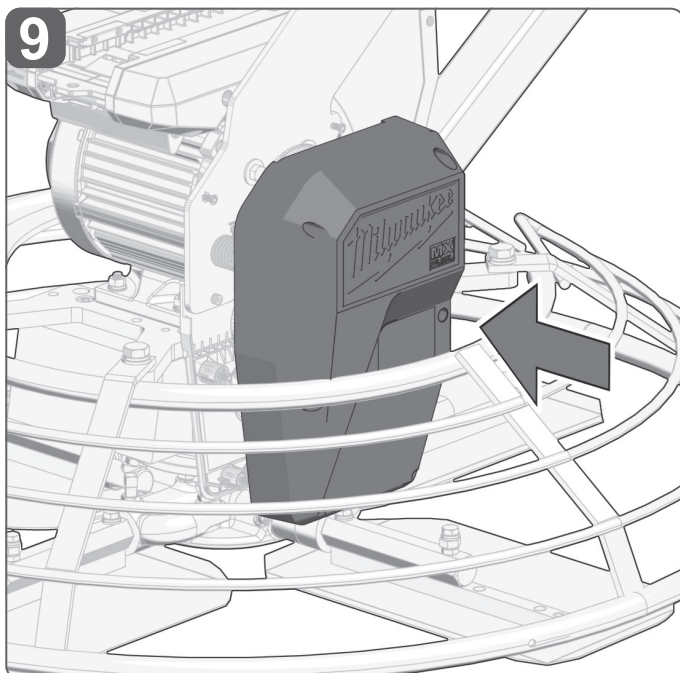


Replace the belt when damaged or worn, but at least every two years.



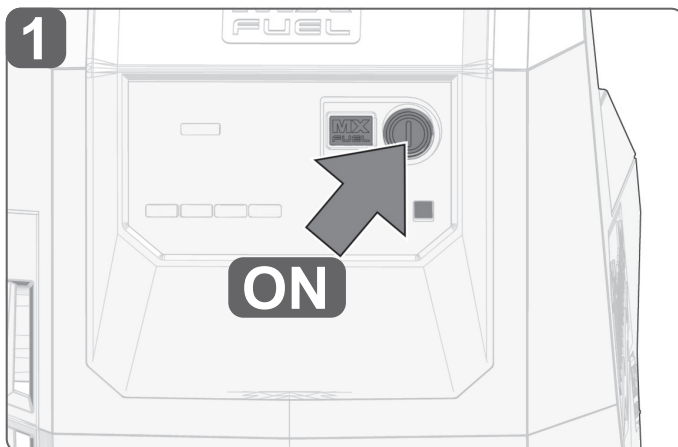


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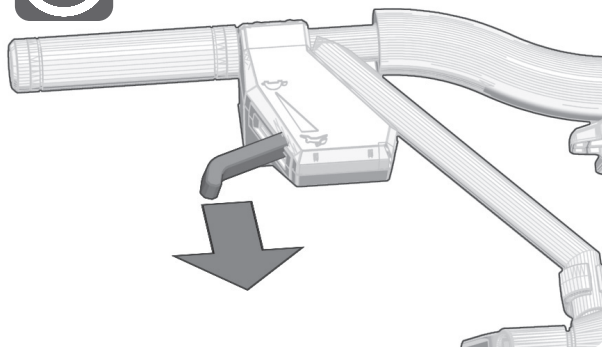
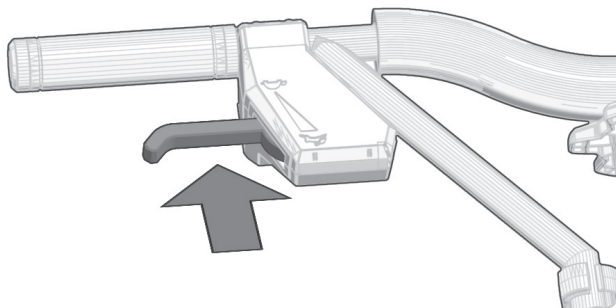




1

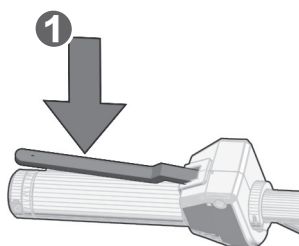


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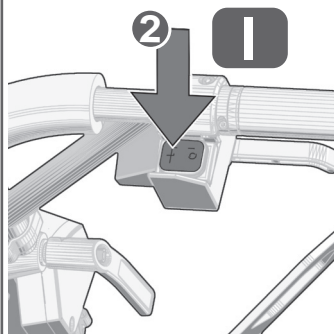




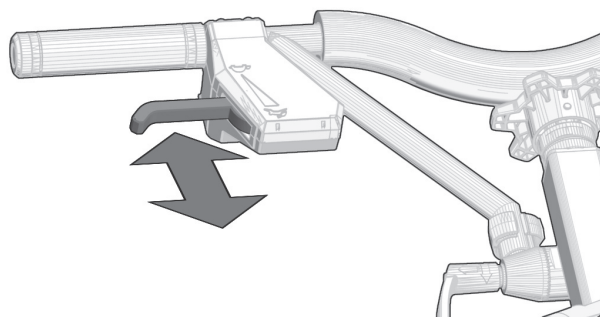
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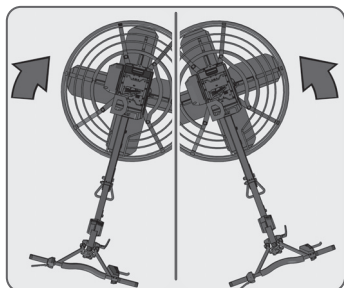
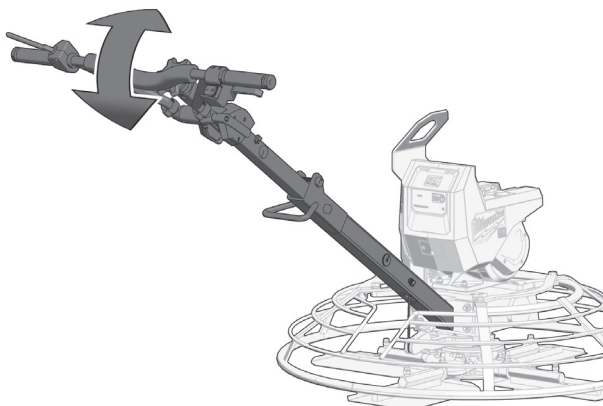
START



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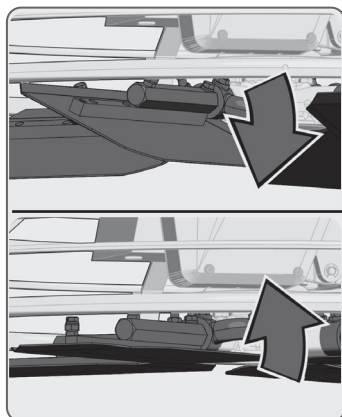
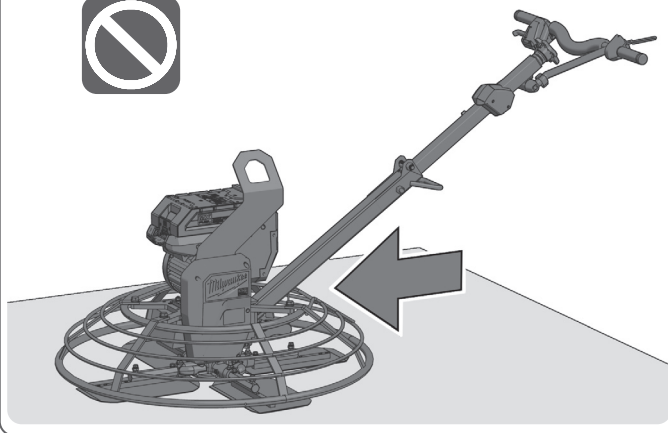
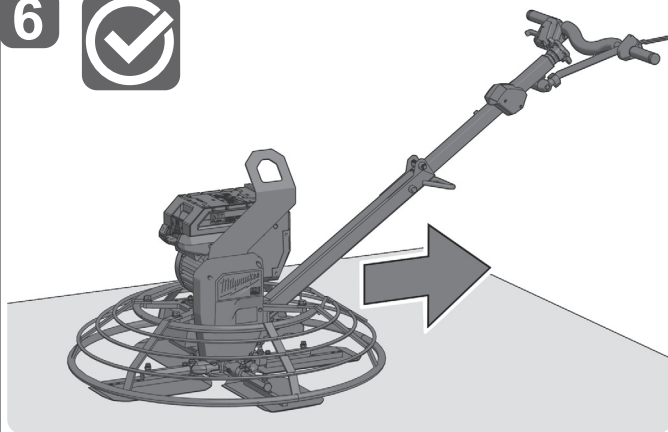


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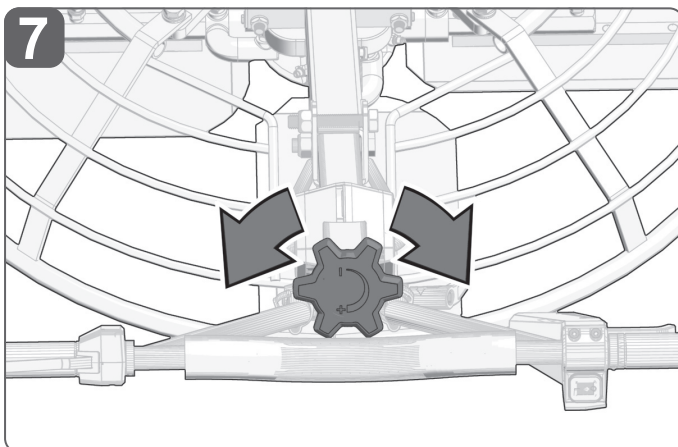


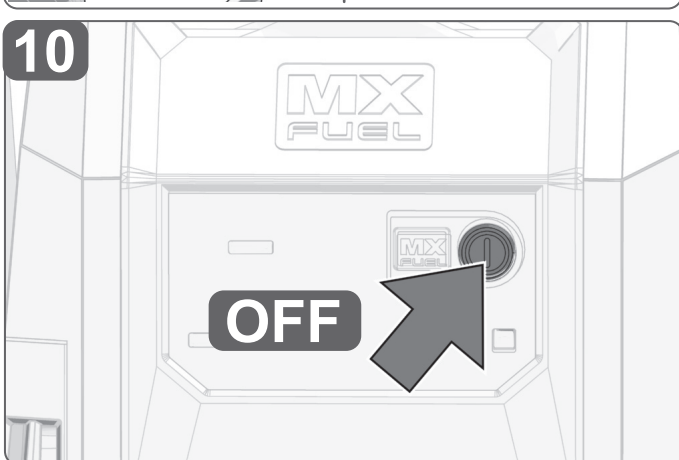
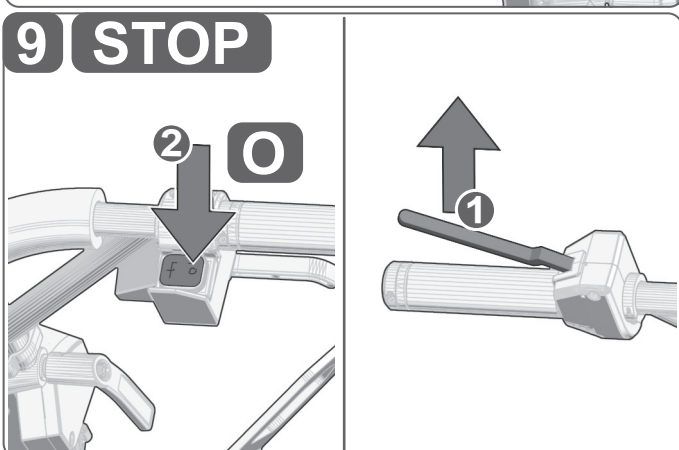
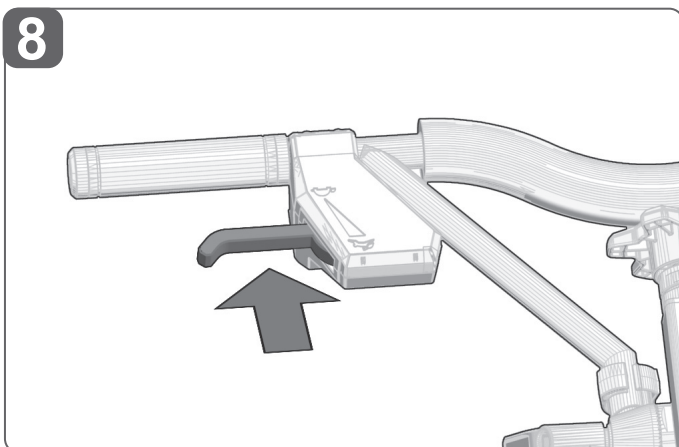


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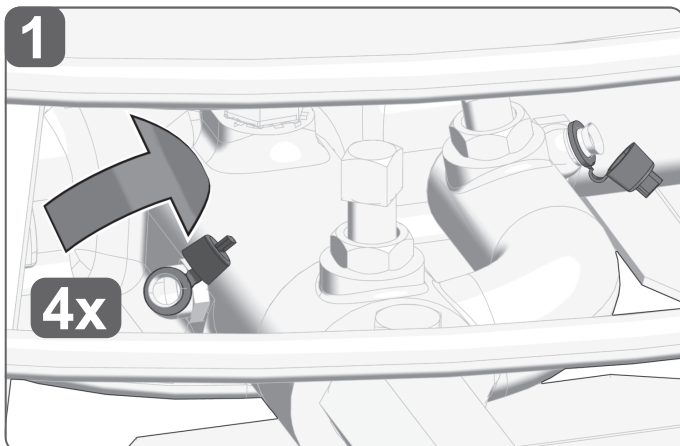
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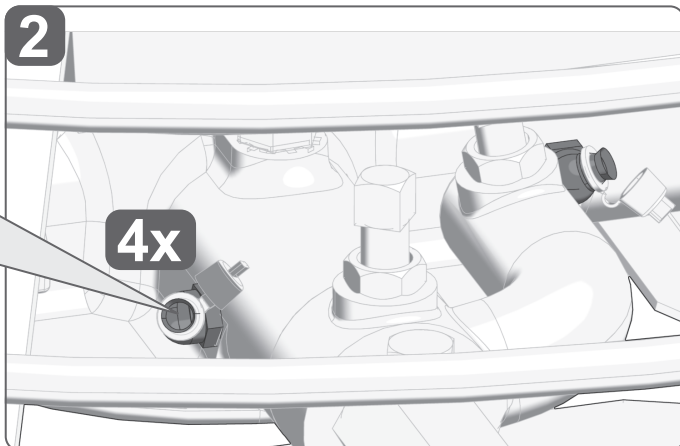




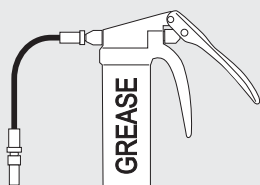
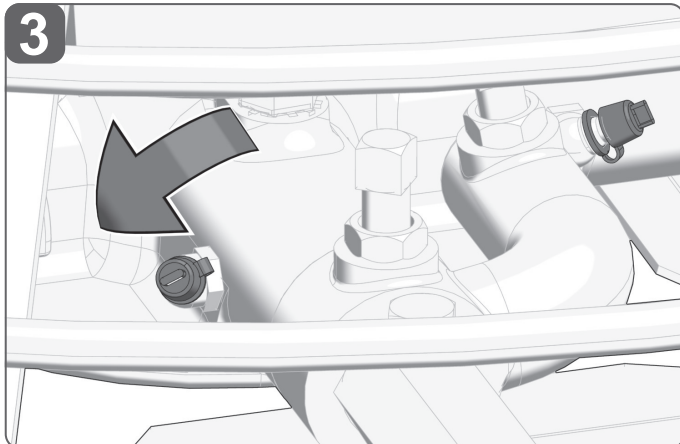
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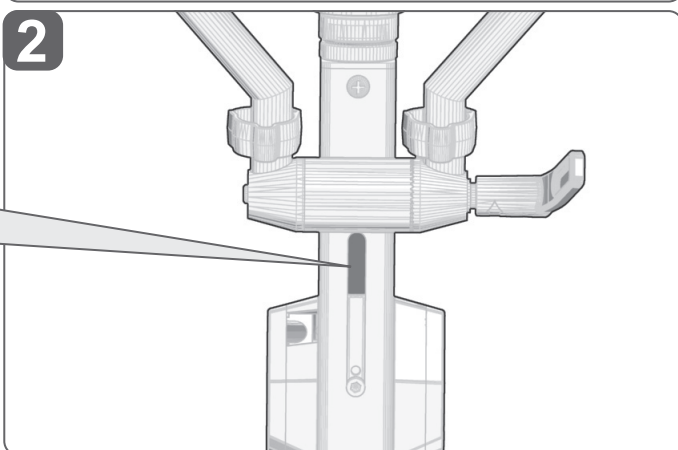
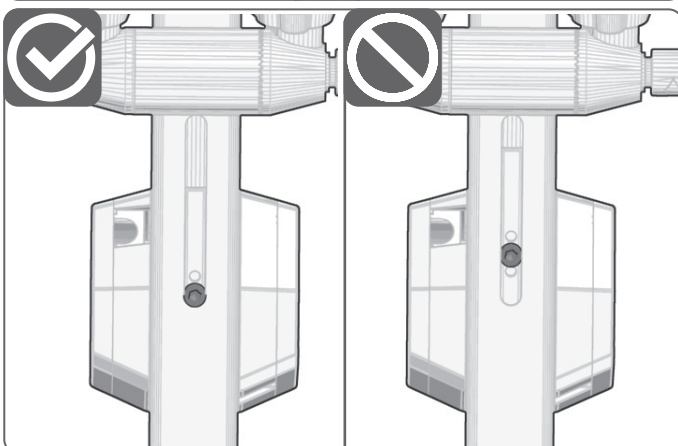
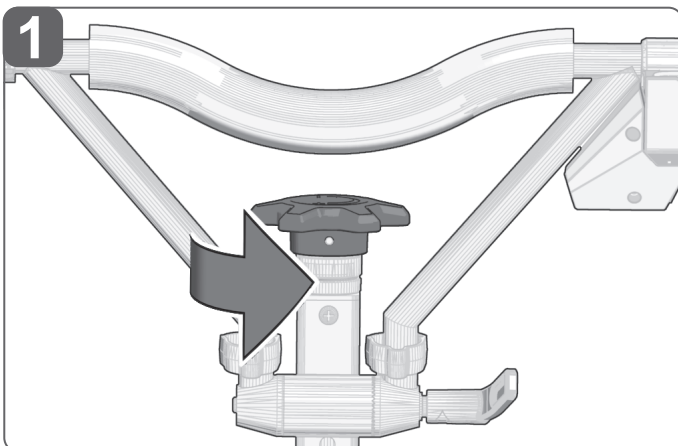
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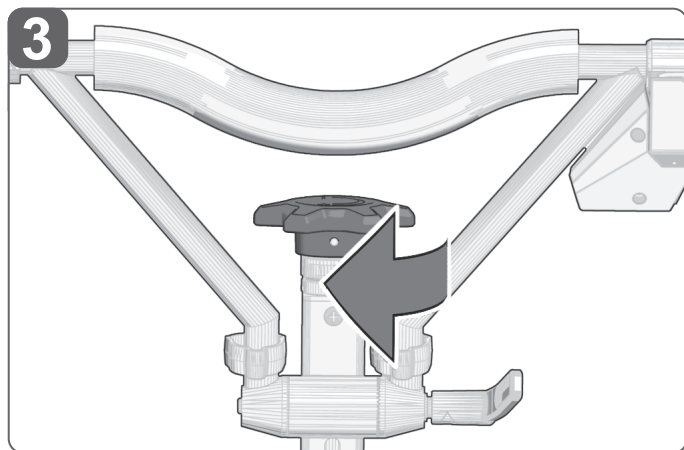
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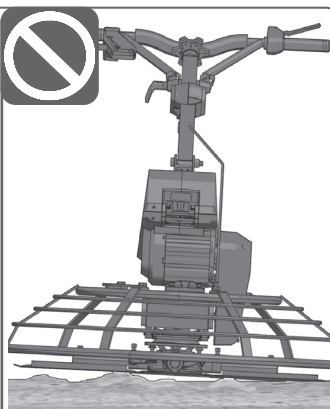
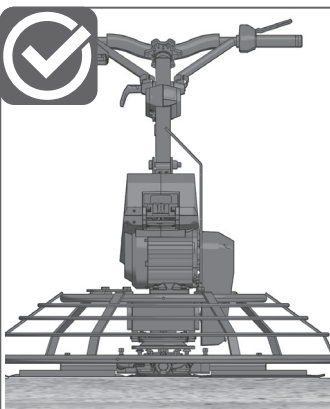


EP2 lithium complex grease

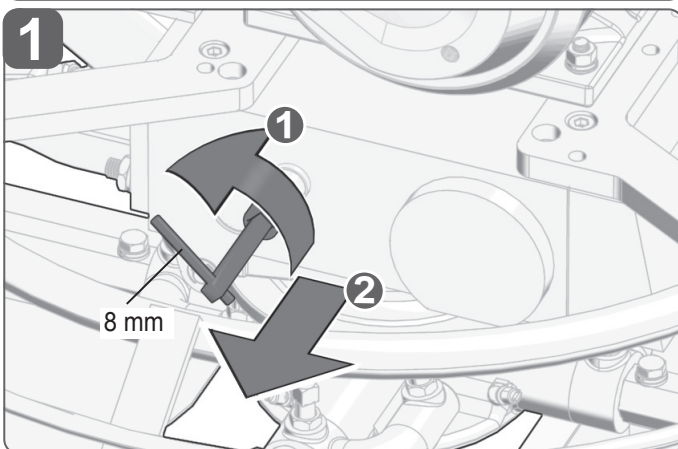


EP2 lithium complex grease

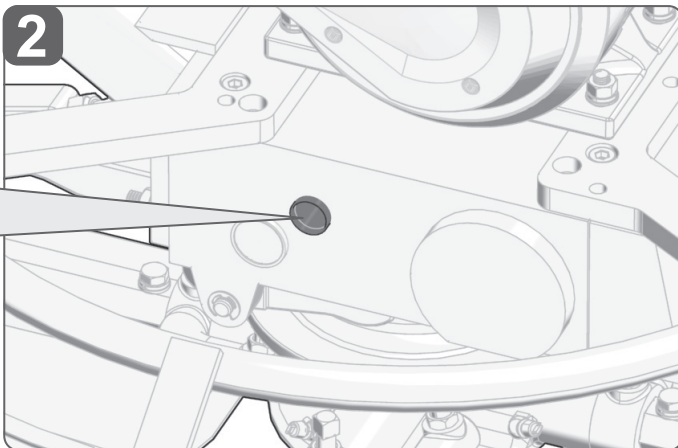




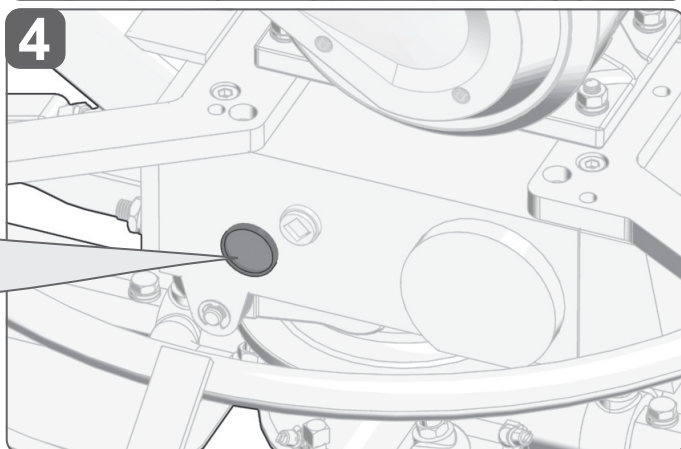
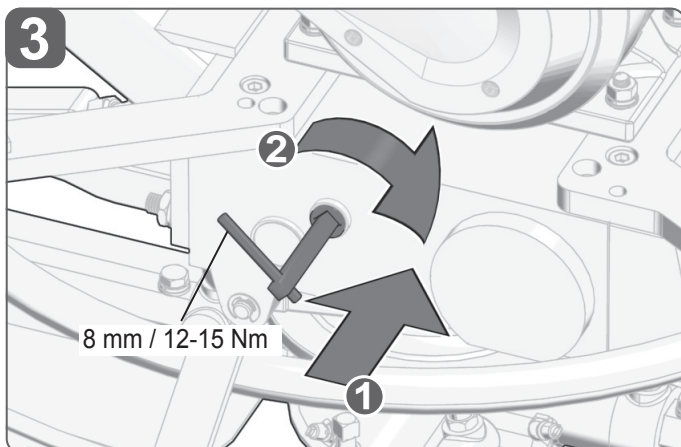
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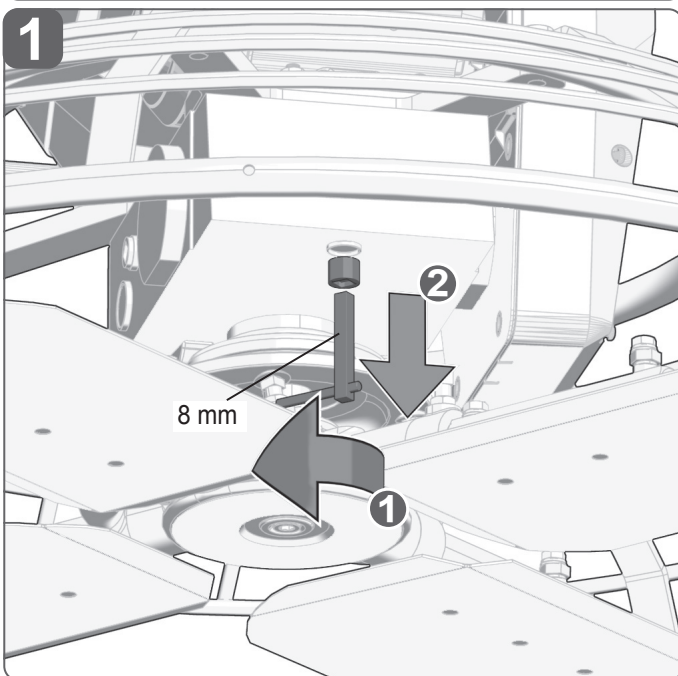
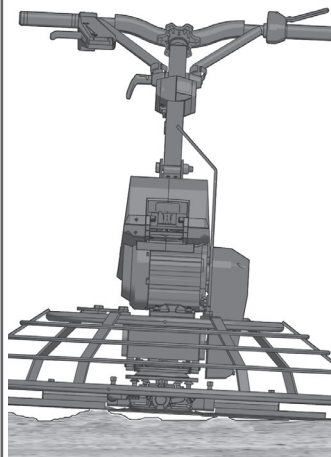
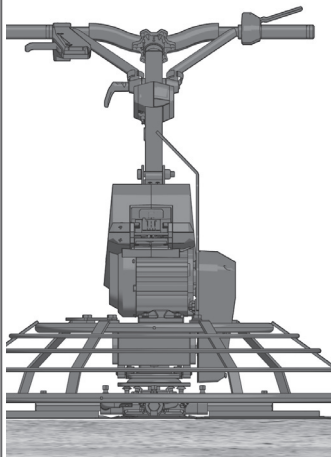
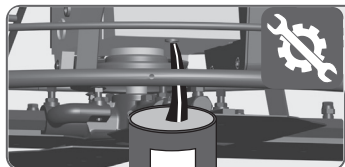
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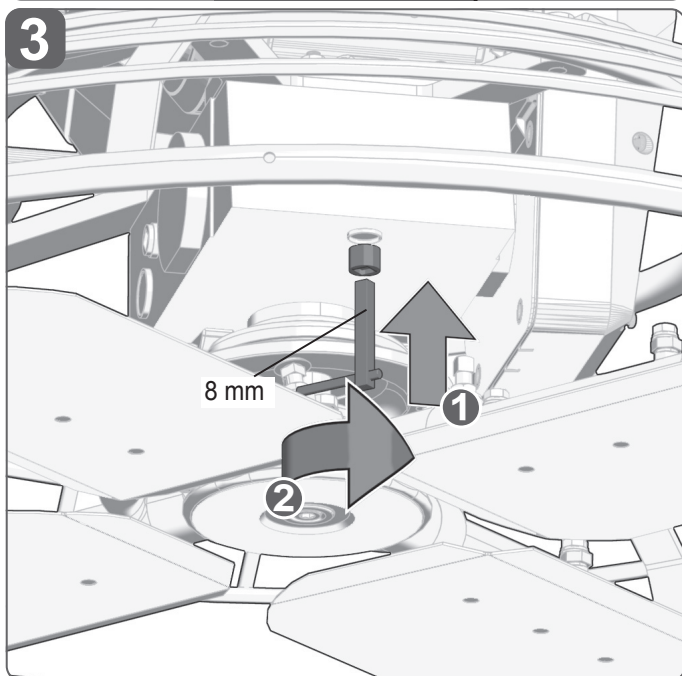
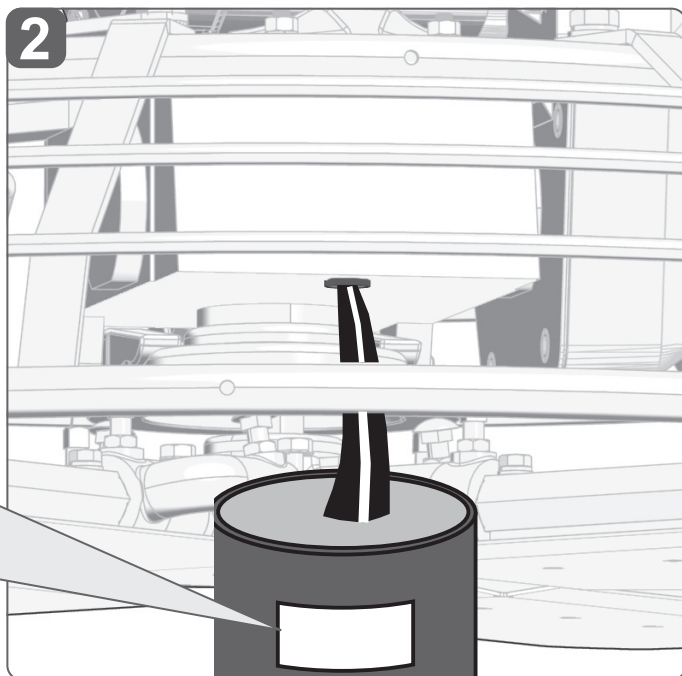
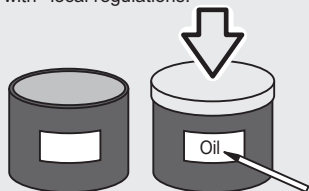
ISO 680 oil



Check whether the oil is filled halfway up the gearbox sight glass.



Dispose of oil in accordance
with local regulations.



TECHNICAL DATA	MXF WBT090
Type	Trowel
No-load speed, min.	60 min ⁻¹
No-load speed, max.	130 min ⁻¹
Weight (Tool only)	74 kg
Length / Width / Height	1,600, 762, 1,029 mm
Length / Width / Height (folded)	1,100, 940, 960 mm
Cage diameter	914 mm
Clutch type	Direct
Recommended ambient operating temperature	-18...+50 °C
Recommended battery types	MXF CP203, MXF XC406, MXF HD812
Recommended charger	MXFC, MXFSC, MXFPS
Noise Information:	
Measured values determined according to 12649.	
Typically, the A-weighted noise levels of the tool are:	
Sound pressure level / Uncertainty K	82.5 dB(A) / 3 dB(A)
Sound power level / Uncertainty K	
Wear ear protectors.	
Vibration Information: Total vibration values (vector sum in the three axes) determined according to EN 62841.	
Vibration emission value a _h / Uncertainty K	0.37 m/s ² / 1.5 m/s ²

WARNING

The vibration and noise emission level given in this information sheet has been measured in accordance with a standardised test given in EN 62841 and may be used to compare one tool with another. It may be used for a preliminary assessment of exposure.

The declared vibration and noise emission level represents the main applications of the tool. However if the tool is used for different applications, with different accessories or poorly maintained, the vibration and noise emission may differ. This may significantly increase the exposure level over the total working period.

An estimation of the level of exposure to vibration and noise should also take into account the times when the tool is switched off or when it is running but not actually doing the job. This may significantly reduce the exposure level over the total working period.

Identify additional safety measures to protect the operator from the effects of vibration and/or noises such as: maintain the tool and the accessories, keep the hands warm, organisation of work patterns.

 WARNING! Read all safety warnings, instructions, illustrations and specifications provided with this power tool.
Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.
Save all warnings and instructions for future reference.

TROWEL SAFETY WARNINGS

Always keep unauthorized, inexperienced, untrained people away from this machine.

Watch out for movement of other persons and equipment in the area/place of use of the machine.

Look out for local hazards (such as unstable ground conditions, danger of falling) and take measures to eliminate these hazards before using the machine.

DANGER: Never operate the machine in an explosive atmosphere or near combustible materials.

Rotating and moving parts will cause injury if contacted. Make sure guards are in place. Keep hands and feet away from moving parts. Use only the handles to control the machine.

Be careful if pipes or ducts protrude from the surface to be smoothed. If the trowel blades hit such obstacles, the operator may be injured or the machine may be damaged.

Danger of cutting! Over time, the trowel blades will form a sharp edge. Wear gloves when handling old trowel blades.

Carry the machine by the carry handle, lifting carefully to avoid back injury.

Never carry the machine while the motor is running.

ADDITIONAL SAFETY AND WORKING INSTRUCTIONS

Use protective equipment. Always wear safety glasses when working with the machine. The use of protective clothing is recommended, such as dust mask, protective gloves, sturdy non-slip footwear, helmet and ear protectors.

Keep firm footing and balance. Do not overreach. Overreaching can result in loss of balance.

Keep handles dry, clean, and free from oil and grease. Greasy, oily handles are slippery causing loss of control.

The dust produced when using this tool may be harmful to health. Do not inhale the dust. Wear a suitable dust protection mask.

Contact with concrete, cement or other aggregates can cause skin irritation. Avoid direct contact with the skin.

Remove the battery pack before starting any work on the machine.

Do not dispose of used battery packs in the household refuse or by burning them.

Do not store the battery pack together with metal objects (short circuit risk).

Use only System MXF chargers for charging System MXF battery packs. Do not use battery packs from other systems.

Never break open battery packs and chargers and store only in dry rooms. Keep dry at all times.

Battery acid may leak from damaged batteries under extreme load or extreme temperatures. In case of contact with battery acid wash it off immediately with soap and water. In case of eye contact rinse thoroughly for at least 10 minutes and immediately seek medical attention.



WARNING This device contains a lithium button/coin cell battery. A new or used battery can cause severe internal burns and lead to death in as little as 2 hours if swallowed or enters the body. Always secure the battery cover. If it does not close securely, stop using the device, remove the batteries, and keep it away from children. If you think batteries may have been swallowed or entered the body, seek immediate medical attention.

Warning! To reduce the risk of fire, personal injury, and product damage due to a short circuit, never immerse your tool, battery pack or charger in fluid or allow a fluid to flow inside them. Corrosive or conductive fluids, such as seawater, certain industrial chemicals, and bleach or bleach containing products, etc., can cause a short circuit.

SPECIFIED CONDITIONS OF USE

This pedestrian controlled machine is intended for professional use only. It is designed solely for smoothing and grinding curing concrete and screed.

Do not operate the machine on non-compressible surfaces, such as asphalt, cured concrete, soil, or sand this may cause damage to the machine.

The machine may only be operated if all the instructions in this operating manual and the service and maintenance instructions are observed.

No non-permitted components may be connected to the drive.

Do not use this product in any other way as stated for normal use.

RESIDUAL RISK

Even when the product is used as prescribed, it is still impossible to completely eliminate certain residual risk factors. The following hazards may arise in use and the operator should pay special attention to avoid the following:

- Injury caused by vibration.
Hold the product by designated handles and restrict working time and exposure.
- Personal injury from improper lifting techniques or operating techniques
- Exposure to noise can cause hearing injury.
Wear ear protection and limit exposure.
- Injury due to flying debris
Wear eye protection, heavy long trousers, gloves and substantial footwear at all times.
- Chemical burns from the curing concrete.
Wear eye protection, heavy long trousers, gloves and substantial footwear at all times.
- Inhalation of toxic dusts.
Wear a suitable dust protection mask and ensure good ventilation.

FUEL GAUGE

When the machine is armed, the fuel gauge displays the battery pack's remaining run time. The fuel gauge mirrors the fuel gauge on the battery pack. When less than 10% of charge is left, one light on the fuel gauge will flash 4 times. When the battery reaches 0% charge, the fuel gauge will flash 8 times. Charge the battery pack.

10-32%

32-55%

55-77%

77-100%

THERMAL INDICATOR

When the machine is overheated, the thermal indicator will blink and the machine will shut off.

When the thermal indicator stops blinking, the machine is ready to return to operation.

ONE-KEY™

To learn more about the ONE-KEY™ functionality for this tool, please reference the Quick Start guide included with this product or go to www.milwaukeeetool.com.au/innovation/one-key/ To download the ONE-KEY™ app, visit the App Store or Google Play from your smart device.

Also, when the product experiences electrostatic interference, the Bluetooth communication will be disconnected. It needs to be reset manually to recover.

ONE-KEY™ Indicator

Solid Blue	Wireless mode is active and ready to be configured via the ONE-KEY™ app.
Blinking Blue	Tool is actively communicating with the ONE-KEY™ app.
Blinking Red	Tool is in security lockout and can be unlocked by the owner via the ONE-KEY™ app.

NOTES FOR LI-ION BATTERIES

Use of Li-Ion batteries

Battery packs which have not been used for some time should be recharged before use.

Temperatures in excess of 50°C reduce the performance of the battery pack. Avoid extended exposure to heat or sunshine (risk of overheating).

The contacts of chargers and battery must be kept clean.

For an optimum life-time, the battery have to be fully charged, after used.

To obtain the longest possible battery life remove the battery from the charger once it is fully charged.

For battery pack storage longer than 30 days:

Store the battery pack where the temperature is below 27°C and away from moisture

Store the battery packs in a 30% - 50% charged condition

Every six months of storage, charge the pack as normal.

Battery protection for Li-Ion batteries

In extremely high torque, binding, stalling and short circuit situations that cause high current draw, the tool will vibrate for about 5 seconds, the fuel gauge will flash, and then the tool will turn OFF. To reset, release the trigger.

Under extreme circumstances, the internal temperature of the battery pack could raise too much. If this happens, the fuel gauge will flash until the battery pack cooled down. After the lights go off, the work may continue.

LIFTING THE MACHINE

Use two people whenever it is necessary to lift or carry the machine. Machine is heavy. Lift with legs, not back.

Always clear the area of obstructions before transporting.

Lift the machine with two hands. Lift from the tie down/lifting points.

Always maintain a firm footing.

Remove the battery pack before transportation.

Transporting with lifting device

Do not lift the trowel overhead with a float pan attached, as the pan could fall off and strike persons working in the vicinity.

Lift the machine a small distance. Check for stability and balance, if necessary adjust the lifting device.

Do not lift the machine until it is stable.

CLEANING

Do not allow concrete to harden on the machine. Wipe all concrete off the frame and any other parts of the machine.

Remove the battery before cleaning the tool.

Allow the motor to cool before cleaning. When the motor has cooled, remove all concrete and foreign debris using a soft brush, wiping cloth and a mild cleaning detergent. Do not use a high pressure water jet.

Avoid getting water inside the motor, batteries compartment, electronics housing or into the on/off switch on the handle.

If you are not going to use the machine for a long period of time, allow it to dry thoroughly and store it in a clean, dry and dust-free place.

TRANSPORT

Remove the battery from the machine before transport.

Secure the machine with suitable lashing material when transporting on a vehicle.

MAINTENANCE

Keep the machine in a proper condition.

- Do not operate the machine if any safety devices or guards are missing or inoperative.
- Do not operate a machine not functioning correctly.
- Do not operate a machine in need of repair.

	daily before	after operation
All safety devices and guards are in place and in working order	x	
All controls function correctly	x	
Visual inspection of all parts for damage	x	
Check that all connections are tight	x	
Dead-man switch operation	x	
Pitch control assembly	x	
Battery - visual check for damage	x	
Battery charger - visual check for damage	x	
Clean the machine and blade		x
Clean the battery		x

	Frequency
Lubricate pitch control	Every 1 month or 50 hours
Check drive belt	Every 3 months or 100 hours
Check blade arms	Every 3 months or 100 hours
Check gearbox oil level	Every 3 months or 100 hours
Replace drive belt	Every 12 months or 300 hours
Lubricate blade arms	Every 12 months or 400 hours
Change gearbox oil	Every 12 months or 400 hours

Use only **MILWAUKEE®** accessories and **MILWAUKEE®** spare parts. Should components need to be replaced which have not been described, please contact one of our **MILWAUKEE®** service agents.

SYMBOLS

	Please read the instructions carefully before starting the machine.
	CAUTION! WARNING! DANGER!
	Remove the battery pack before starting any work on the machine.
	Keep coin cell battery out of reach of children. Dispose of in accordance with local regulations.
	Wear ear protection.
	Wear a suitable dust protection mask.
	Wear hearing protection.
	Wear suitable gloves.
	Always wear protective clothing and footwear.
	Wear head protection.
	Warning. Danger of electric shock.
	WARNING – Keep body parts away from moving parts.
	WARNING – Keep hands and feet away from the blades. Disconnect battery before maintenance.
	Use lifting point.
	Do not lift with forks.
	Do not lift with excavator bucket.

	This machine requires always two person for transportation!
	Accessory - Not included in standard equipment, available as an accessory.
	Do not dispose of in household rubbish.
n_0	No-load speed
V	Voltage
==	Direct Current
	Regulatory Compliance Mark (RCM). This product meets applicable regulatory requirements.

WARRANTY - AUSTRALIA and NEW ZEALAND

Please refer to Australian and New Zealand warranty supplied with tool. This warranty applies only to product sold by authorised dealers in Australia and New Zealand.

SERVICE - AUSTRALIA and NEW ZEALAND

MILWAUKEE® prides itself in producing a premium quality product that is Nothing But Heavy Duty™. Your satisfaction with our products is very important to us! If you encounter any problems with the operation of this tool, please contact your authorised **MILWAUKEE®** dealer.

For a list of **MILWAUKEE®** dealers, guarantee or service agents please contact **MILWAUKEE®** Customer Service or visit our website.

(Australia Toll Free Telephone Number 1300 645 928)

(New Zealand Toll Free Telephone Number 0800 645 928)

or visit milwaukeeetool.com.au/milwaukeeetool.co.nz.

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26 - 40 Nina Link, Dandenong South,
Victoria, 3175, Australia

Milwaukee Tool (New Zealand)

274 Church Street, Penrose,
Auckland, 1061, New Zealand

DESIGNED BY MILWAUKEE ELECTRIC TOOL CORP.
PROFESSIONALLY MADE IN MEXICO
PRINTED IN MEXICO