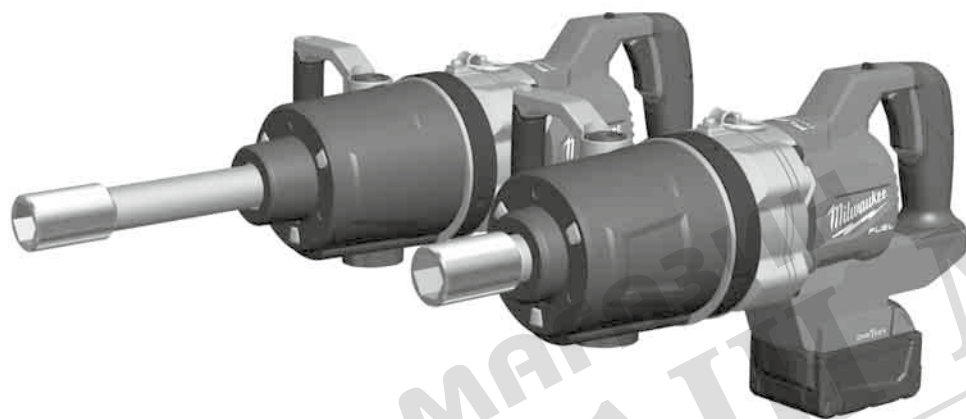




Nothing but **HEAVY DUTY.**



M18 ONEFHIWF1D M18 ONEFHIWF1DS

Original instructions

Originalbetriebsanleitung

Notice originale

Istruzioni originali

Manual original

Oorspronkelijke gebruiksaanwijzing

Original brugsanvisning

Original bruksanvisning

Orijinal işletme talimatı

Původním návodem k používání

Pôvodný návod na použitie

Instrukcją oryginalną

Eredeti használati utasítás

Izvirna navodila

Originalne pogonske upute

Instrukcijām oriģinālvalodā

Originali instrukcija

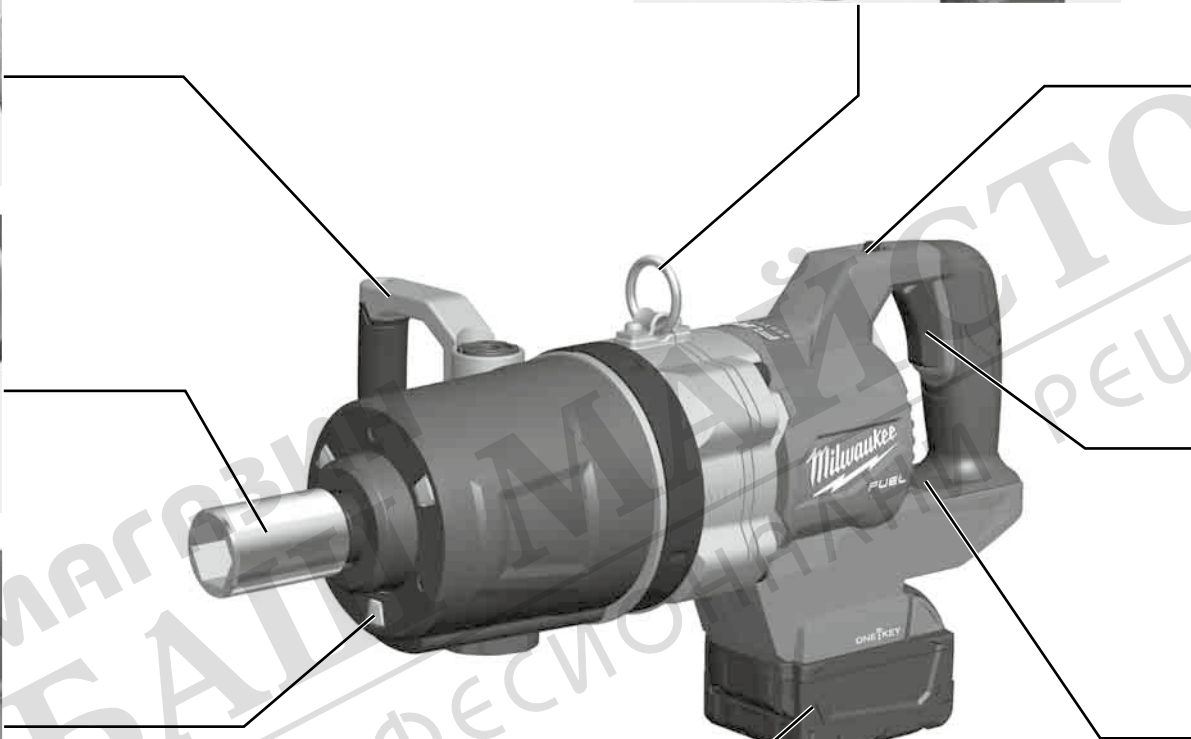
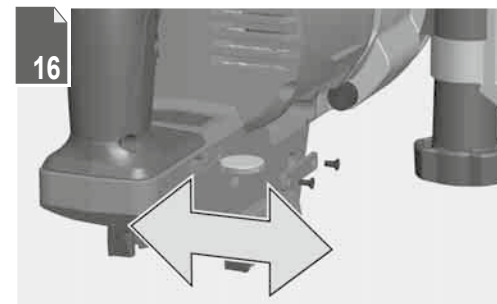
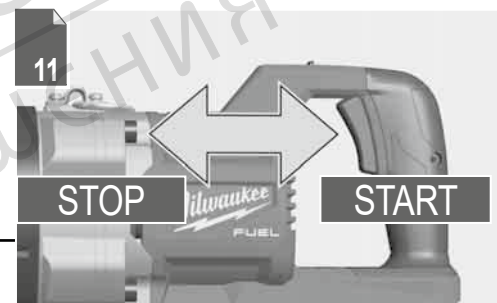
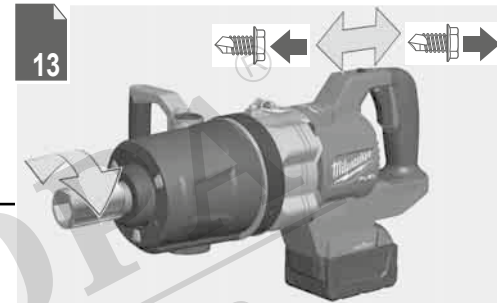
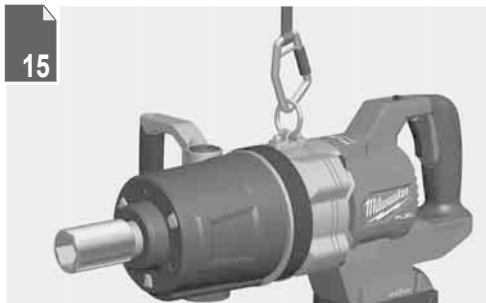
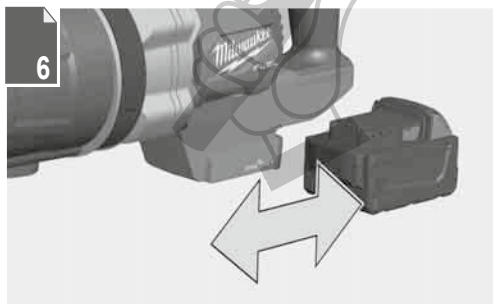
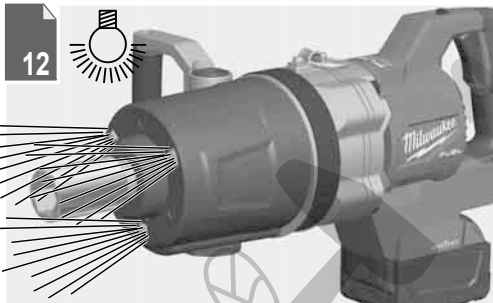
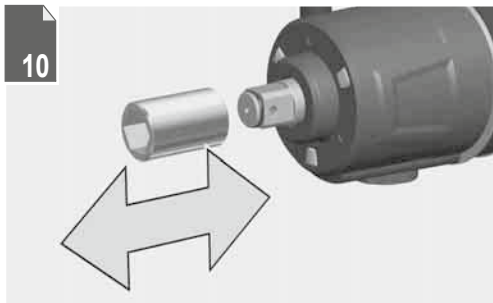
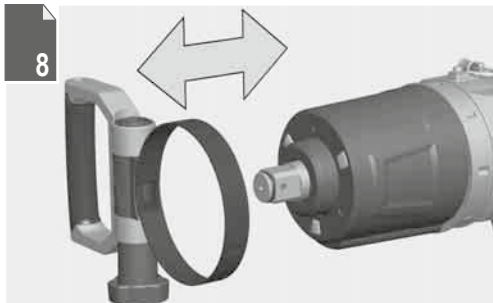
Оригинално ръководство за експлоатация

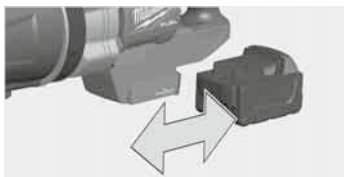
Instrucțiuni de folosire originale

Оригинален прирачник за работа

Оригінал інструкції з експлуатації

Originalno uputstvo za upotrebu





Remove the battery pack before starting any work on the machine.
 Vor allen Arbeiten an der Maschine den Wechselakku herausnehmen

Avant tous travaux sur la machine retirer l'accu interchangeable.

Prima di iniziàre togliere la batteria dalla macchina.

Retire la batería antes de comenzar cualquier trabajo en la máquina.

Antes de efectuar cualquier intervención na máquina retirar o bloco acumulador.

Voor alle werkzaamheden aan de machine de akku verwijderen.

Ved arbejde inden i maskinen, bør batteriet tages ud.

Ta ut vekselbatteriet før du arbeider på maskinen

Drag ur batteripaket innan arbete utföres på maskinen.

Tarkista pistotulppa ja verkkojohto mahdollisista vaurioilta. Viat saa korjata vain alan erikoismies.

Πριν από κάθε εργασία στη μηχανή αφαιρέστε την ανταλλακτική μπαταρία.

Aletin kendinde bir çalışma yapmadan önce kartuş aküyü çıkarın.

Před zahájením veškerých prací na vrtacím šroubováku vyjmout výměnný akumulátor.

Pred každou pracou na stroji výměnný akumulátor vytiahnuť.

Przed przystąpieniem do jakichkolwiek prac na elektronarzędziu należy wyjąć wkładkę akumulatrową.

Karbantartás, javítás, tisztítás, stb. előtt az akkumulátort ki kell venni a készülékből.

Pred deli na stroju izvlecite izmenljivi akumulator.

Prije svih radova na stroju izvaditi bateriju za zamjenu.

Pirms mašīnai veikt jebkāda veida apkopes darbus, ir jāizņem arī akumulator.

Prieš atlikdami bet kokius darbus įrenginyje, išimkite keičiamą akumuliatorių.

Enne kõiki töid masina kallal võtke vahetatav aku välja.

Выньте аккумулятор из машины перед проведением с ней каких-либо манипуляций.

Преди започване на каквото е да работи по машината извадете акумулатора.

Scoteți acumulatorul înainte de a începe orice intervenție pe mașină.

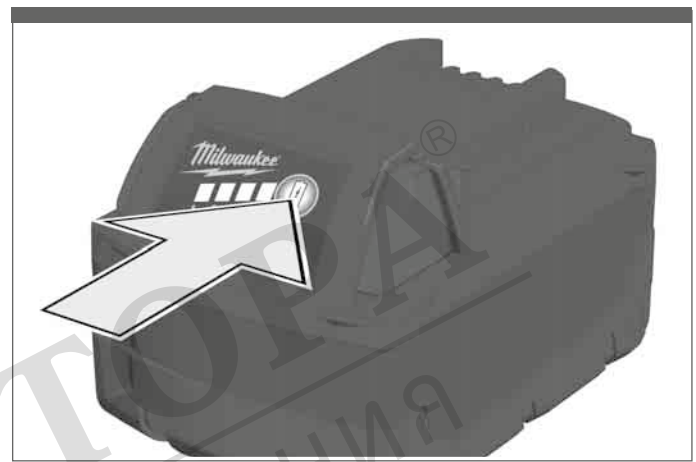
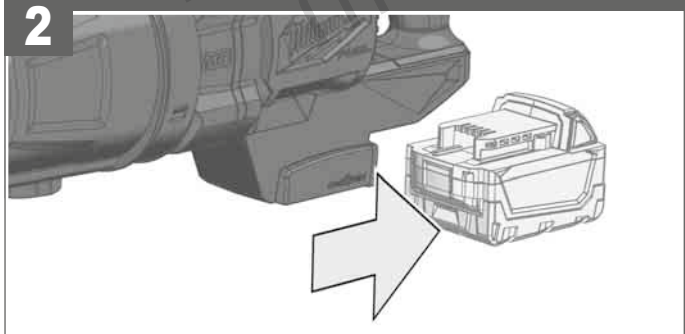
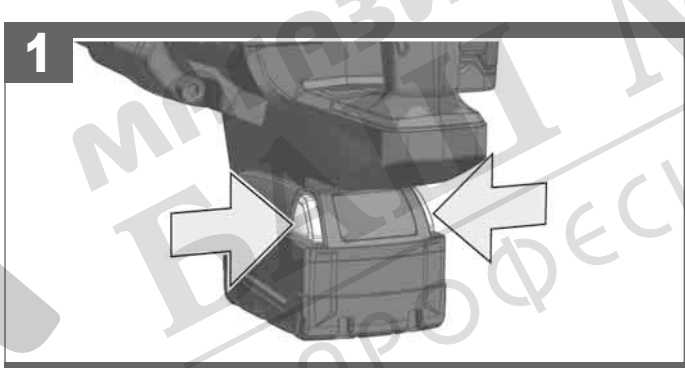
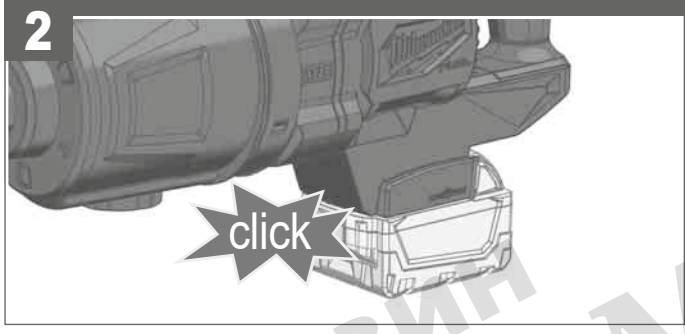
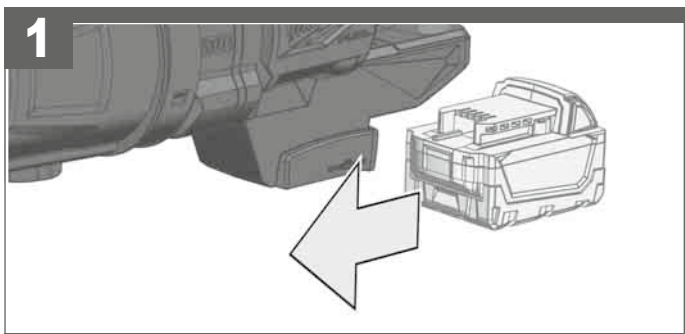
Отстранете ја батеријата пред да започнете да ја користите машината.

Перед будь-якими роботами на машині виїняти змінну акумуляторну батарею.

Pre bilo kakvog rada na mašini, uklonite zamenljivu bateriju

Përpara se të filloni ndonjë punë në makineri, hiqni baterinë e këmbëshme.

قم بإزالة حزمة البطارية قبل البدء في أي أعمال على الجهاز.



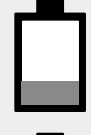
78-100 %



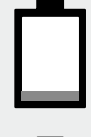
55-77 %



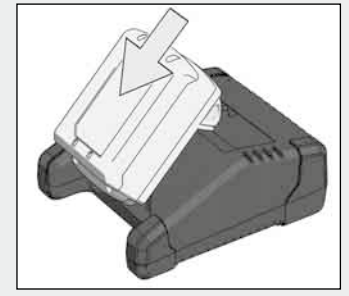
33-54 %

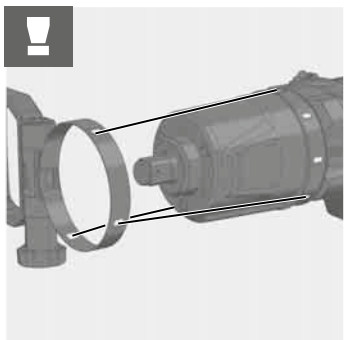


10-32 %

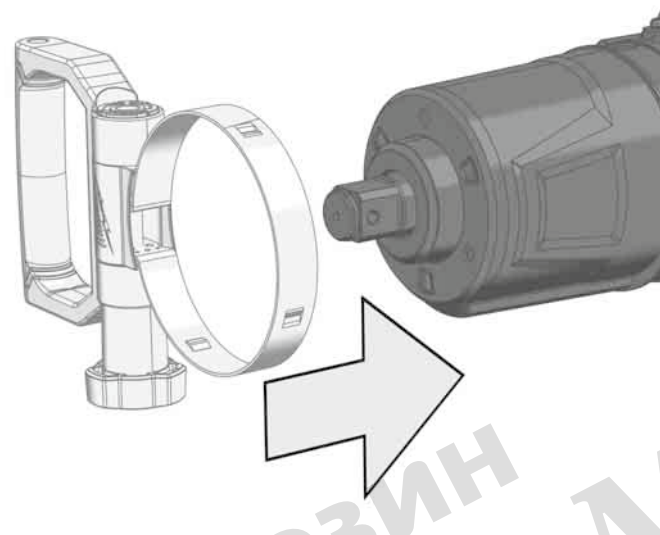


< 10 %

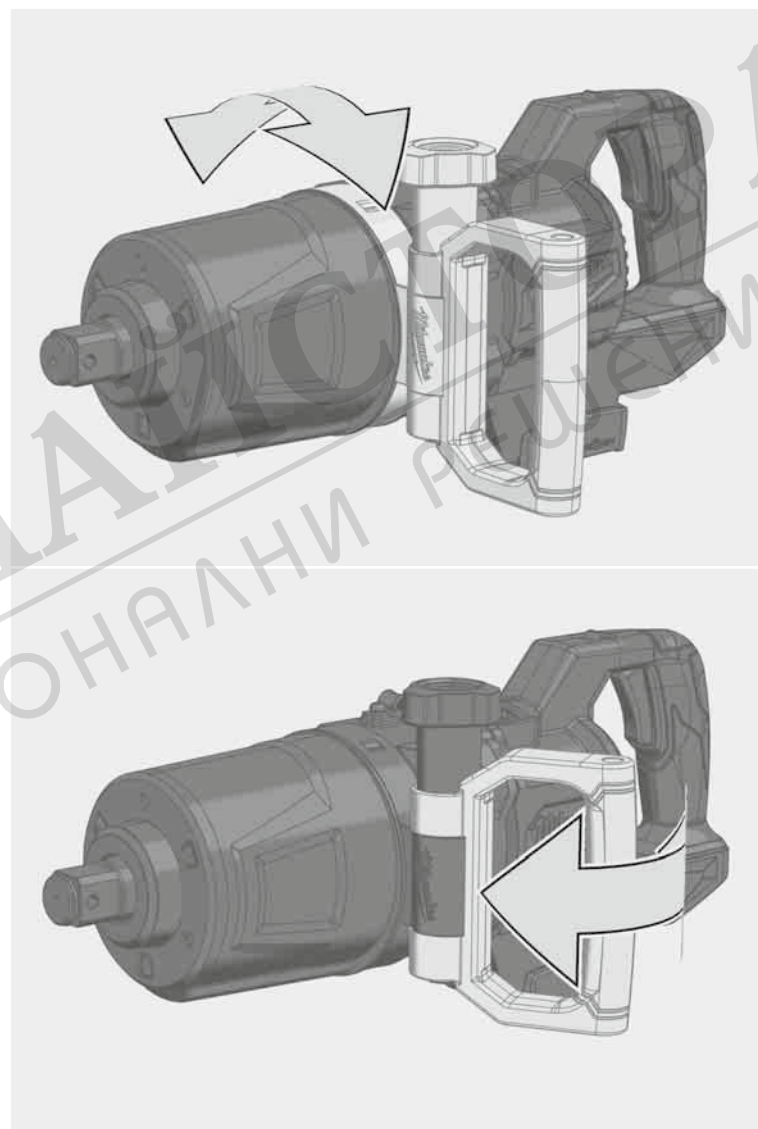
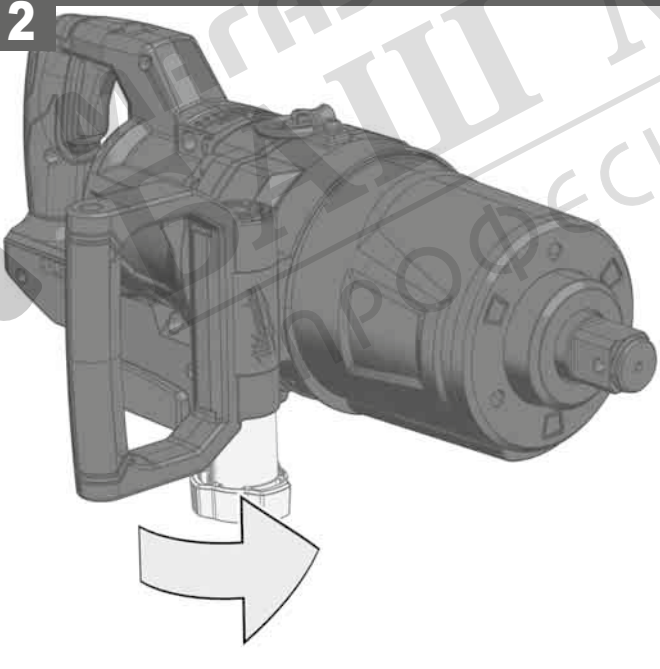


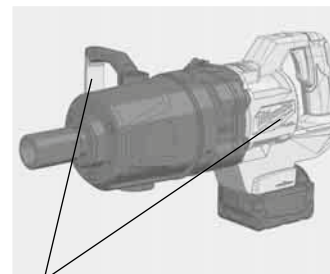
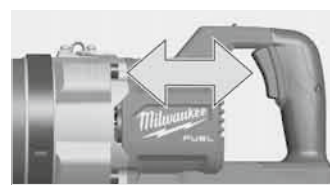
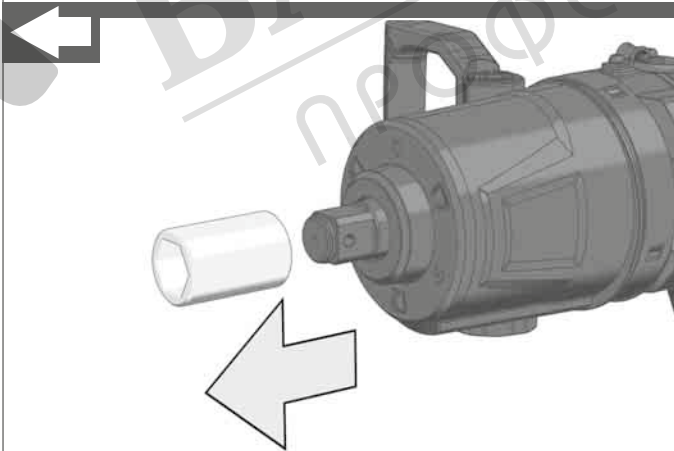
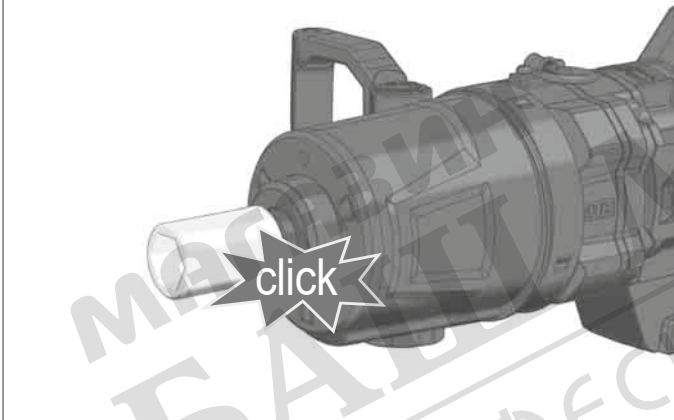
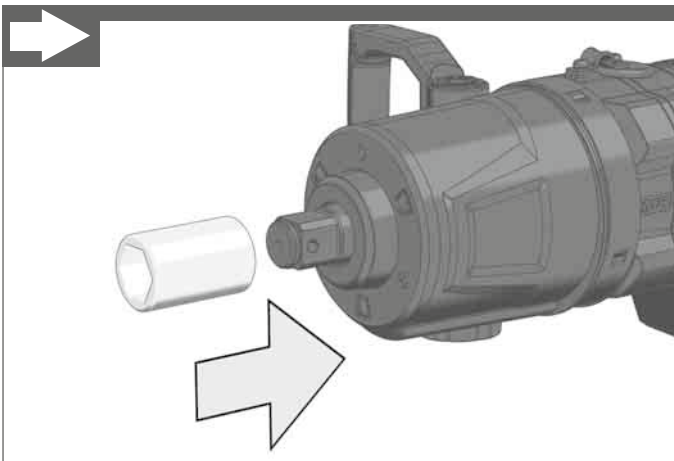
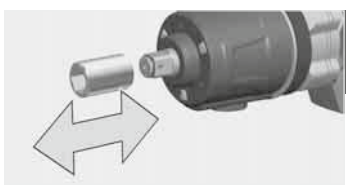


1



2

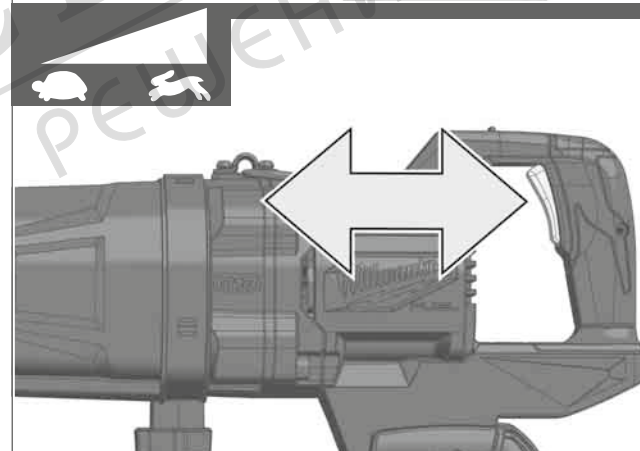
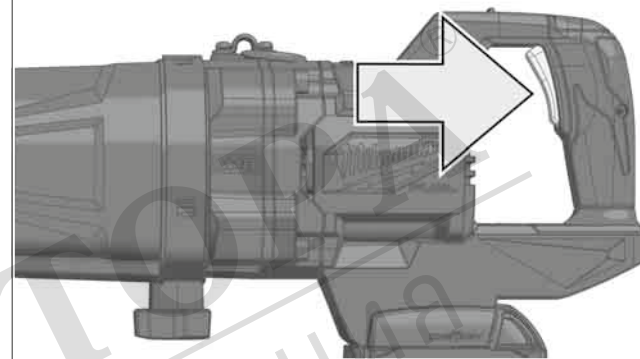




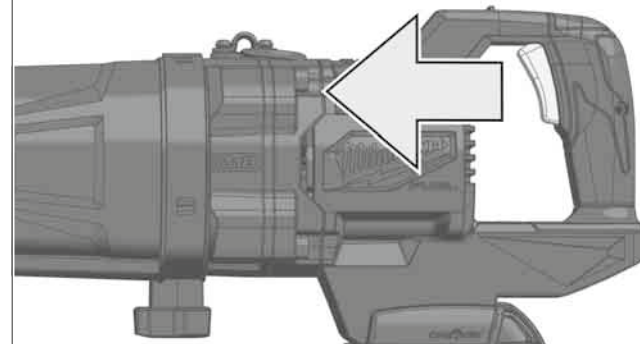
- Handle (insulated gripping surface)
- Handgriff (isolierte Grifffläche)
- Poignée (surface de prise isolée)
- Impugnatura (superficie di presa isolata)
- Empuñadura (superficie de agarre con aislamiento)
- Manipulo (superficie de pega isolada)
- Handgreep (geïsoleerd)
- Håndtag (isolerede gribefflader)
- Håndtak (isoleret gripeflate)
- Handtag (isolerad greppyta)
- Kahva (eristetty tarttumapinta)
- Χειρολαβή (μονωμένη επιφάνεια λαβής)
- El kulpu (izolasyonlu tutma yüzeyi)
- Rukojet' (izolovaná uchopovací plocha)
- Rukovät' (izolovaná úchopná plocha)
- Uchwyt (z izolowaną powierzchnią)
- Fogantyú (szigetelt fogófelület)
- Ročaj (izolirana prijemalna površina)
- Rukohvat (izolirana površina za držanje)
- Rokturis (izolēta satveršanas virsma)
- Rankena (izoliuotas rankenos paviršius)
- Käepide (isoleeritud pideme piirkond)
- Рукотка (изолированная поверхность ручки)
- Ръкохватка (изолирана повърхност за хващане)
- Måner (suprfață de prindere izolată)
- Дршка (изолирана површина)
- Ручка (изолирована поврхня ручки)
- Ručka (izolovana hvatna površina)
- Dorezë (sipërfaqe e izoluar e kapjes)

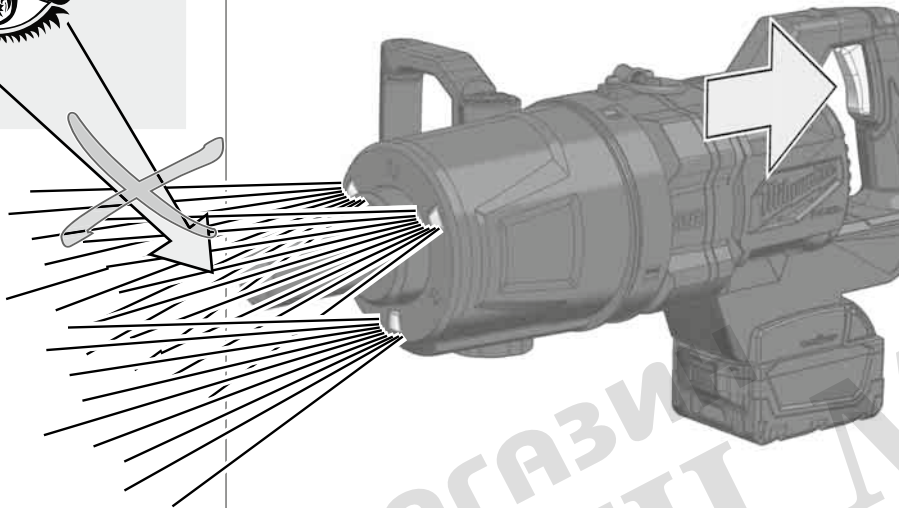
المقبض (مساحة القبض معزولة)

START

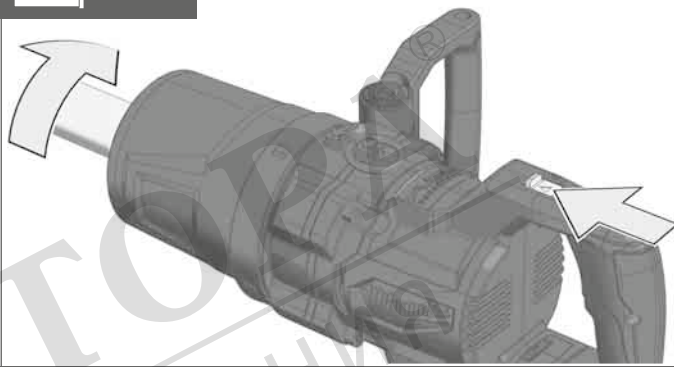
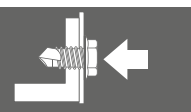
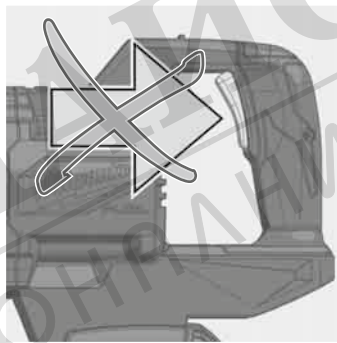


STOP

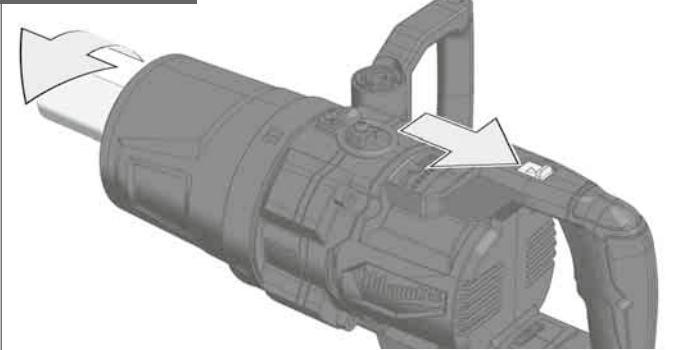
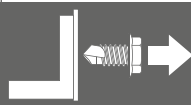
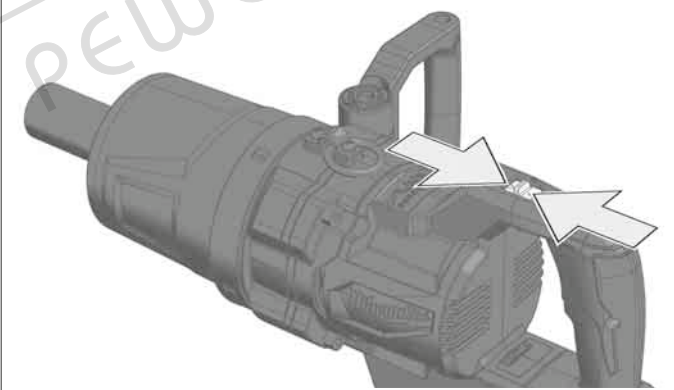


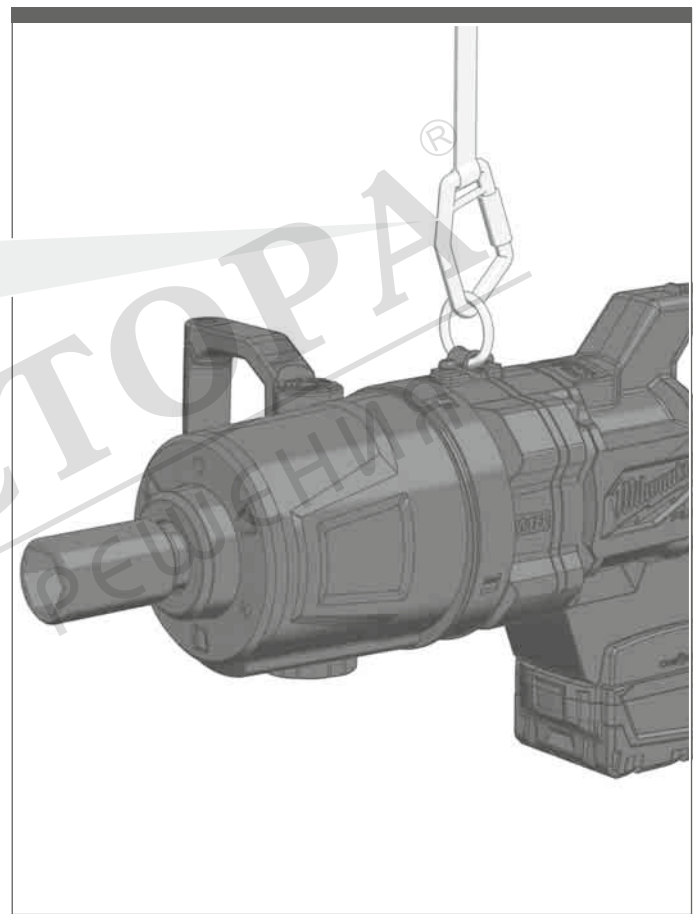
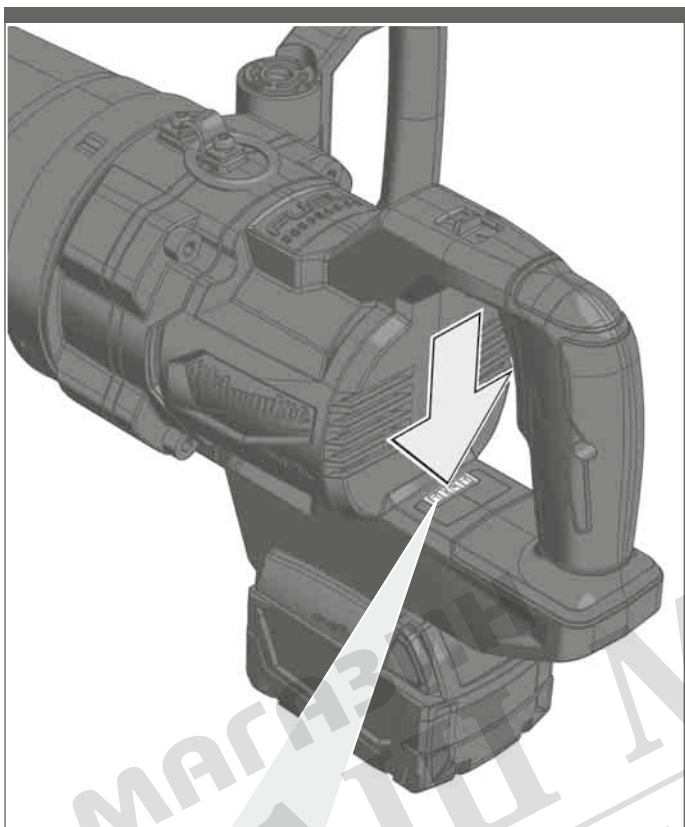


МАГАЗИН
БАШ
ПРОФЕСИОНАЛНИ РЕШЕНИЯ

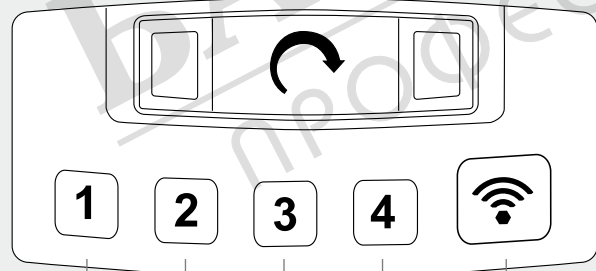


LOCK



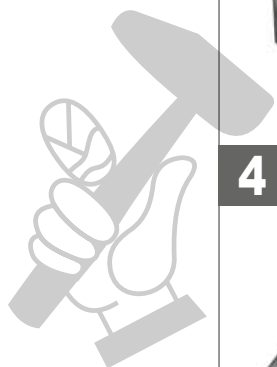
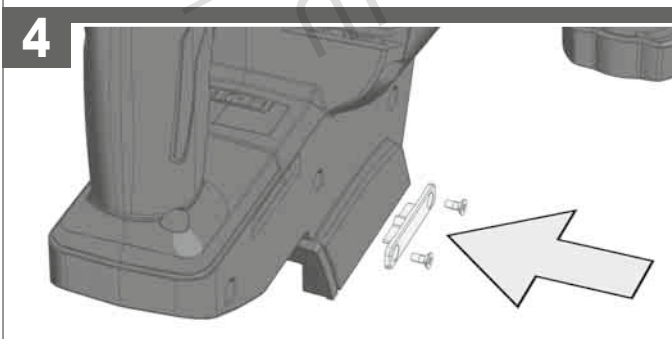
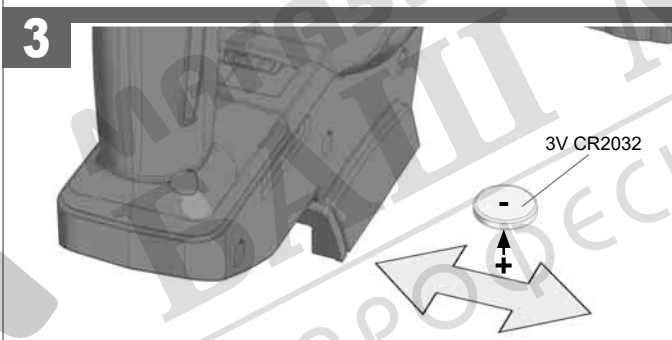
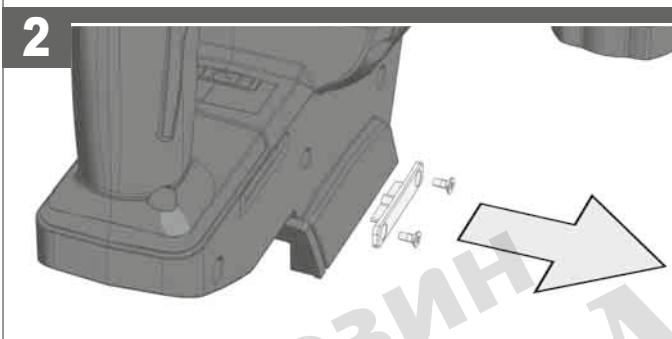
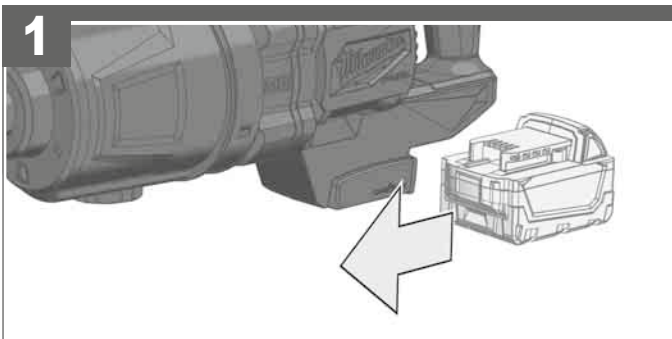














Accessory - Not included in standard equipment, available as an accessory.
 Zubehör - Im Lieferumfang nicht enthalten, empfohlene Ergänzung aus dem Zubehörprogramm.
 Accessoires - Ces pièces ne font pas partie de la livraison. Il s'agit là de compléments recommandés pour votre machine et énumérés dans le catalogue des accessoires.
 Accessorio - Non incluso nella dotazione standard, disponibile a parte come accessorio.
 Accesorio - No incluido en el equipo estándar, disponible en la gama de accesorios.
 Acessório - Não incluído no equipamento normal, disponível como acessório.
 Toebehoren - Wordt niet meegeleverd. Is apart leverbaar. Zie hiervoor het toebehorenprogramma.
 Tilbehør - Ikke inkluderet i leveringsomfanget, køb som tilbehør.
 Tilbehør - inngår ikke i leveransen, anbefalt komplettering fra tilbehørsprogrammet.
 Tillbehör - Ingår ej i leveransomfanget, erhålls som tillbehör.
 Lisälaite - Ei sisälly vakiovarustukseen, saatavana lisätarvikkeena.
 Εξαρτήματα - Δεν περιλαμβάνονται στα υλικά παράδοσης, συνιστούμενη προσθήκη από το πρόγραμμα εξαρτημάτων.
 Aksesuar - Teslimat kapsamında değildir, önerilen tamamlamalar aksesuar programında.
 Příslušenství není součástí dodávky, viz program příslušenství.
 Príslušenstvo - nie je súčasťou štandardnej výbavy, odporúčané doplnenie z programu príslušenstva.
 Wyposażenie dodatkowe dostępne osobno.
 Azokat a tartozékokat, amelyek gyárilag nincsenek a készülethez mellékelve, külön lehet megrendelni.
 Oprema - ni vsebovana v obsegu dobave, priporočeno dopolnilo iz programa opreme.
 Oprema - u opsegu isporuke nije sadržana, preporučena dopuna iz programa opreme.
 Piederumi - standartaprīkojumā neietvertās, bet ieteicamās papildus komplektācijas detaļas no piederumu programmas.
 Priedas - neįeina į tiekimo komplektaciją, rekomenduojamas papildymas iš priedų asortimento.
 Tarvikud - ei kuulu lame komplekti, sovitavat täiendused on saadaval tarvikute programmis.
 Принадлежности - В стандартную комплектацию не входит, поставляется в качестве дополнительной принадлежности.
 Аксесоари - Не се съдържат в обема на доставката, препоръчано допълнение от програмата за аксесоари.
 Accesorii - Nu este inclus în echipamentul standard, disponibil ca accesorii.
 Додаточна опрема - Не е вклучена во стандардната, а достапна е како додаток.
 Комплектувачи - не входить в обсяг поставання, рекомендовані доповнення з програми комплектувачих.
 Dodatna oprema - Nije uključena u obim isporuke, preporučeni dodatci iz asortimana dodatne opreme.
 Aksesore - Nuk përfshihen gjatë dorëzimit, suplement i rekomanduar nga gama e aksesoreve.
 الملحق - ليس مدرجاً كمعدة قياسية، متوفر كملحق.



| | | | | | |
|-------------------|-------|-------|--------|--------|--|
| min ⁻¹ | 0-600 | 0-700 | 0-900 | 0-1200 | |
| | 0-750 | 0-930 | 0-1200 | 0-1440 | |





| TECHNICAL DATA | CORDLESS IMPACT SCREWDRIVER | M18ONEHIWF1D | M18 ONEHIWF1DS |
|------------------------------------------------------------------------------------------------|--------------------------------------|--------------------------|----------------|
| Production code | 4771 34 02... | 4813 97 01 | 000001-999999 |
|  No-load speed | 0-600 min ⁻¹ | 0-600 min ⁻¹ | |
|  Impact range | 0-750 min ⁻¹ | 0-750 min ⁻¹ | |
|  Torque | 1180 Nm | 1180 Nm | |
|  No-load speed | 0-700 min ⁻¹ | 0-700 min ⁻¹ | |
|  Impact range | 0-930 min ⁻¹ | 0-930 min ⁻¹ | |
|  Torque | 1254 Nm | 1254 Nm | |
|  No-load speed | 0-900 min ⁻¹ | 0-900 min ⁻¹ | |
|  Impact range | 0-1200 min ⁻¹ | 0-1200 min ⁻¹ | |
|  Torque | 1966 Nm | 1966 Nm | |
|  No-load speed | 0-1200 min ⁻¹ | 0-1200 min ⁻¹ | |
|  Impact range | 0-1440 min ⁻¹ | 0-1440 min ⁻¹ | |
|  Torque | 2576 Nm | 2576 Nm | |
| Torque max | 2711 Nm | 2711 Nm | |
| Max. diameter bolt / nut | 1-1/2" | 1-1/2" | |
| Battery voltage | 18 V | 18 V | |
| Weight according EPTA-Procedure 01/2014 (12.0 Ah) | 12,3 kg | 11,3 kg | |
| Frequency band(s) of Bluetooth | 2400-2483,5MHz | 2400-2483,5 MHz | |
| Radio-frequency power | 0 dBm | 0 dBm | |
| Bluetooth version | 4.2 BT signal mode | 4.2 BT signal mode | |
| Recommended ambient operating temperature | -18 ... +50 °C | | |
| Recommended battery Type | M18B | M18HB | |
| Recommended charger Type | M12-18C, M12-18AC, M12-18FC, M1418C6 | | |

Noise/vibration information

Measured values determined according to EN 62841.

Typically, the A-weighted noise levels of the tool are:

Sound pressure level (Uncertainty K=3dB(A)) 101,42 dB (A) 101,29 dB (A)

Sound power level (Uncertainty K=3dB(A)) 112,42 dB (A) 112,29 dB (A)

Wear ear protectors!

Total vibration values (vector sum in the three axes) determined according to EN 62841.

Vibration emission value a_w

Impact tightening of fasteners of the maximum capacity of the tool 26,87 m/s² 31,71 m/s²

Uncertainty K= 1,5 m/s² 1,5 m/s²

WARNING

The vibration and noise emission level given in this information sheet has been measured in accordance with a standardized 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 noise such as: maintain the tool and the accessories, keep the hands warm, organization 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.

IMPACT DRIVER SAFETY WARNINGS

Hold the power tool by insulated gripping surfaces, when performing an operation where the fastener may contact hidden wiring. Fasteners contacting a „live“ wire may make exposed metal parts of the power tool „live“ and could give the operator an electric shock.

Wear ear protectors. Exposure to noise can cause hearing loss.

ADDITIONAL SAFETY AND WORKING INSTRUCTIONS

Use personal protective equipment. Always wear eye protection. Protective equipment such as a dust mask, non-skid safety shoes, hard hat or hearing protection used for appropriate conditions will reduce personal injuries.

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

Do not machine any materials that present a danger to health (e.g. asbestos).

Switch the device off immediately if the insertion tool stalls! Do not switch the device on again while the insertion tool is stalled, as doing so could trigger a

sudden recoil with a high reactive force. Determine why the insertion tool stalled and rectify this, paying heed to the safety instructions.

The possible causes may be:

- it is tilted in the workpiece to be machined
- it has pierced through the material to be machined
- the power tool is overloaded

Do not reach into the machine while it is running.

The insertion tool is sharp-edged and can become hot during use.

WARNING! Danger of cuts and burns

- when handling the insertion tools
- when setting the device down.

Wear protective gloves when handling insertion tools.

Chips and splinters must not be removed while the machine is running.

When working in walls ceiling, or floor, take care to avoid electric cables and gas or waterpipes.

Clamp your workpiece with a clamping device. Unclamped workpieces can cause severe injury and damage.

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. Milwaukee Distributors offer to retrieve old batteries to protect our environment.

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

Use only System M18 chargers for charging System M18 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

The cordless impact wrench can be used to tighten and loosen nuts and bolts wherever no mains connection is available.

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

EC DECLARATION OF CONFORMITY

We declare as the manufacturer under our sole responsibility that the product described under "Technical Data" fulfills all the relevant regulations and the directives 2011/65/EU (RoHS), 2014/53/EU, 2006/42/EC, and the following harmonized standards have been used:

EN 62841-1:2015
EN 62841-2-2:2014
EN IEC 55014-1:2021
EN IEC 55014-2:2021
EN 62479:2010
EN 301 489-1 V2.2.3
EN 301 489-17V3.2.4
EN 300 328 V2.2.2
EN IEC 63000:2018

Winnenden, 2021-08-18

Alexander Krug
Managing Director



Authorized to compile the technical file.

Techtronic Industries GmbH
Max-Eyth-Straße 10
71364 Winnenden
Germany

GB-DECLARATION OF CONFORMITY

We declare as the manufacturer under our sole responsibility that the product described under "Technical Data" fulfills all the relevant provisions of the following Regulations S.I. 2008/1597 (as amended), S.I. 2017/1206 (as amended), S.I. 2012/3032 (as amended) and that the following designated standards have been used:

BS EN 62841-1:2015
BS EN 62841-2-2:2014
BS EN IEC 55014-1:2021
BS EN IEC 55014-2:2021
BS EN 62479:2010
EN 301 489-1 V2.2.3
EN 301 489-17V3.2.4
EN 300 328 V2.2.2
BS EN IEC 63000:2018

Winnenden, 2021-08-18

Alexander Krug
Managing Director

Authorized to compile the technical file.

Techtronic Industries GmbH
Max-Eyth-Straße 10
71364 Winnenden
Germany

OPERATION

Note: It is recommended after fastening to always check the torque with a torque wrench.

The fastening torque is affected by a wide variety of factors including the following.

- State of battery charge – When the battery is discharged voltage will drop and the fastening torque will be reduced.
- Operation at speeds – Operating the tool at low speeds will cause a reduction in fastening torques.
- Fastening position – Holding the tool or the driving fastener in various angles will affect the torque.
- Drive accessory/socket – Failure to use the correct size accessory or socket, or a non-impact rated accessory may cause a reduction in the fastening torque.
- Use of accessories and extensions – Depending on the accessory or extension fitment can reduce the fastening force of the impact wrench.
- Bolt/Nut – Fastening torques may differ according to the diameter of the nut or bolt, the class of nut/bolt and the length of nut/bolt.
- Condition of the fastener – Contaminated, corroded, dry or lubricated fasteners may vary the fastening torques.
- Condition and base material – The base material of the fastener and any component in between the surfaces may effect the fastening torque (dry or lubricated base, soft or hard base, disc, seal or washer between fastener and base material).

IMPACTING TECHNIQUES

The longer a bolt, screw, or nut is impacted, the tighter it will become.

To help prevent damaging the fasteners or workpieces, avoid excessive impacting.

Be particularly careful when impacting smaller fasteners because they require less impacting to reach optimum torque.

Practice with various fasteners, noting the length of time required to reach the desired torque.

Check the tightness with a hand-torque wrench.

If the fasteners are too tight, reduce the impacting time.

If they are not tight enough, increase the impacting time.

Oil, dirt, rust or other matter on the threads or under the head of the fastener affects the degree of tightness.



The torque required to loosen a fastener averages 75% to 80% of the tightening torque, depending on the condition of the contacting surfaces.

On light gasket jobs, run each fastener down to a relatively light torque and use a hand torque wrench for final tightening.

DRIVE CONTROL

The drive control button is used to adjust the torque, rotation speed (RPM), and impact speed (IPM) for the application.

To select the drive control mode:

1. Pull and release the trigger to turn on the tool. The current mode indicator is lit.
2. Press the drive control button  to cycle through the modes. Select wireless  to change the default settings via the ONE-KEY™ App on your smart device. When the desired mode indicator is lit, begin work.

NOTE: Select the torque range in accordance with the equipment manufacturers fastening instructions.

For precision applications, confirm the final tightening torque with a calibrated device.

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.milwaukeeeetool.com/one-key. To download the ONE-KEY app, visit the App Store or Google Play from your smart device.

When the product experiences ESD, the speed LED shuts down and the product cannot adjust speed. It needs the battery and coin cell removed and reinserted to recover (see page 6 & 16).

Also, when the product experiences ESD, 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. |

BATTERIES

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

Temperatures in excess of 50°C (122°F) reduce the performance of the battery pack. Avoid extended exposure to heat or sunshine (risk of overheating).

The contacts of chargers and battery packs must be kept clean.

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

To obtain the longest possible battery life remove the battery pack 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 PACK PROTECTION

In extremely high torque, binding, stalling and short circuit situations that cause high current draw, the tool will vibrate for about 2 seconds and then the tool will turn OFF.

To reset, release the trigger.

Under extreme circumstances, the internal temperature of the battery could become too high. If this happens, the battery will shut down.

Place the battery on the charger to charge and reset it.

TRANSPORTING LITHIUM BATTERIES

Lithium-ion batteries are subject to the Dangerous Goods Legislation requirements.

Transportation of those batteries has to be done in accordance with local, national and international provisions and regulations.

- The user can transport the batteries by road without further requirements.
- Commercial transport of Lithium-Ion batteries by third parties is subject to Dangerous Goods regulations. Transport preparation and transport are exclusively to be carried out by appropriately trained persons and the process has to be accompanied by corresponding experts.

When transporting batteries:

- Ensure that battery contact terminals are protected and insulated to prevent short circuit.
- Ensure that battery pack is secured against movement within packaging.
- Do not transport batteries that are cracked or leak.

Check with forwarding company for further advice

MAINTENANCE















Refer to the ONE-KEY App for information regarding necessary servicing.

Use only Milwaukee accessories and spare parts. Should components need to be replaced which have not been described, please contact one of our Milwaukee service agents (see our list of guarantee/service addresses).

If needed, an exploded view of the tool can be ordered. Please state the machine type printed as well as the six-digit No. on the label and order the

drawing at your local service agents or directly at: Techtronic Industries GmbH, Max-Eyth-Straße 10, 71364 Winnenden, Germany.

SYMBOLS

| | |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | CAUTION! WARNING! DANGER! |
|  | Remove the battery pack before starting any work on the machine. |
|  | Please read the instructions carefully before starting the machine. |
|  | Wear gloves! |
|  | Do not swallow the coin cell battery! |
|  | Do not dispose of waste batteries, waste electrical and electronic equipment as unsorted municipal waste. Waste batteries and waste electrical and electronic equipment must be collected separately. Waste batteries, waste accumulators and light sources have to be removed from equipment. Check with your local authority or retailer for recycling advice and collection point. According to local regulations retailers may have an obligation to take back waste batteries and Waste electrical and electronic equipment free of charge. Your contribution to re-use and recycling of waste batteries and waste electrical and electronic equipment helps to reduce the demand of raw materials. Waste batteries, in particular containing lithium and waste Electrical and electronic equipment contain valuable, recyclable materials, which can adversely impact the environment and the human health, if not disposed of in an environmentally compatible manner. Delete personal data from waste equipment, if any. |
|  | No-load speed |
|  | Impact range |
|  | Volts |
|  | Direct current |
|  | European Conformity Mark |
|  | British Conformity Mark |
|  | Ukraine Conformity Mark |
|  | EurAsian Conformity Mark |