



OPERATOR'S MANUAL



Cat. No.

M12 HJ BLACK9

M12 HJ GREY9

**M12™ TOUGHSHELL STRETCH POLYESTER HEATED JACKET
AND M12™ COMPACT CHARGER AND POWER SOURCE**

 **WARNING**

To reduce the risk of injury, user must read and understand operator's manual.



GENERAL PRODUCT SAFETY WARNINGS

WARNING Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury. Save all warnings and instructions for future reference.

WORK AREA SAFETY

•Keep work area clean and well lit. Cluttered or dark areas invite accidents.

ELECTRICAL SAFETY

•Do not expose heated jacket to rain or wet conditions. Water will increase the risk of electric shock.
•Do not abuse the power cable. Never use the cord for carrying, pulling or unplugging the heated jacket. Keep cord away from heat, oil, sharp edges or moving parts.

PERSONAL SAFETY

•Stay alert, watch what you are doing and use common sense when using the heated jacket. Do not use while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention may result in serious personal injury.

PRODUCT USE AND CARE

•Do not use the heated jacket if the power button does not turn it on and off. Any heated jacket that cannot be controlled with the power button is dangerous and must be repaired.
•Disconnect the battery pack from the heated jacket before storing. Such preventive safety measures reduce the risk of starting the heated jacket accidentally.
•Store out of the reach of children and do not allow persons unfamiliar with these instructions to operate the heated jacket. Heated jacket can be dangerous in the hands of untrained users.
•Maintain heated jacket. Check for breakage of parts and any other condition that may affect the heated jacket's operation. If damaged, have the heated jacket repaired before use.
•Use the heated jacket in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the heated jacket for operations different from those intended could result in a hazardous situation.

BATTERY TOOL USE AND CARE

•Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
•Use heated jacket only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.
•When battery pack is not in use, keep it away from other metal objects like paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire.
•Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

SERVICE

•Have your heated jacket serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the heated jacket is maintained.

SPECIFIC SAFETY RULES FOR HEATED JACKET

Read instructions carefully.

Use:

•Do not use this heated jacket with an infant, child, a helpless person, or anyone insensitive to heat, such as a person with poor blood circulation.
•If you have a medical condition making you sensitive to overheating, or you use any personal medical devices, consult the device manufacturer and/or your physician to determine if use of this product is appropriate.
•Never use if inner liner is wet.
•Heating elements are not recommended to touch bare skin.
•Shut off power immediately if discomfort occurs.
•Do not allow the cords to be pinched.
•If improper operation of this heated jacket is observed, discontinue its use immediately and contact a MILWAUKEE® service facility for repair.
•Do not use pins. They may damage the electric wiring.

Care:

•Before washing, disconnect and remove battery pack and battery controller from battery controller pocket. Push the power cord completely into the battery controller pocket and zip pocket closed.
•Follow Care Instructions on jacket tags. Machine wash, Gentle Cycle in warm water. Tumble Dry Low Heat.
•Do not bleach.
•Do not iron.
•Do not wring or twist.
•Do not dry clean. Do not use dry-cleaning fluid on this heated jacket. Do not bleach. Cleaning solvents may have a deteriorating effect on the insulation of the heating element.
•Maintain labels and nameplates. These carry important information. If unreadable or missing, contact a MILWAUKEE® service facility for a replacement.

ADDITIONAL BATTERY SAFETY RULES

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.

SPECIFICATIONS

Cat. No. M12 HJ BLACK9
..... M12 HJ GREY9
Volts 12V DC
Battery Type M12™
Charger Type M12™

SYMBOLOLOGY

-  Volts
-  Direct Current
-  Machine wash, gentle cycle in warm water
-  Do not bleach
-  Do not wring or twist
-  Tumble dry, low heat
-  Do not iron
-  Do not dry-clean
-  Regulatory Compliance Mark (RCM).
This product meets applicable regulatory requirements.
-  Read Operator's Manual
-  This charger was only suitable for indoor use. Never expose the charger to rain.
-  Class III appliance
-  Time-lag fuse 3.0A

ASSEMBLY

⚠ WARNING Recharge only with the charger specified for the battery. For specific charging instructions, read the operator's manual supplied with your charger and battery.

Inserting/Removing the Battery

To **insert** the battery, slide the pack into the body of the battery controller. Make sure it latches securely into place.

Insert the power cable (from inside the battery controller pocket) into the power cable port on the battery controller.

Place the battery controller into the pocket and zip closed. Use the smaller rear section of the pocket to hold smaller M12™ batteries and if necessary the front section of the pocket which can accommodate larger battery packs.

To **remove** the battery, push in the release buttons and pull the battery pack away out of controller.

Using the USB Out Port

The USB port can be used to charge a cell phone, MP3 player, or other personal device that uses less than 5V, 2.1A of DC electrical current. The cord can be run from the battery controller pocket, through the grommet and channel on the interior of the jacket, and through another grommet into a side pocket. It is not recommend to use the pocket warmer when an electronic device is charging in a pocket.

To turn on the USB Out Port, press the USB power button. The USB Out Port will remain on for two hours before turning off automatically.

Fuel Gauge

Press the USB power button to display the battery pack's remaining power on the fuel gauge LEDs.

OPERATION

The zone power buttons are located on the upper left side of the jacket. Use the jacket  and pocket  power buttons to control the two zones.

To **turn on**, press and hold (1 to 2 seconds) the desired zone's power button. The desired zone will turn on to High and the red LED will illuminate.

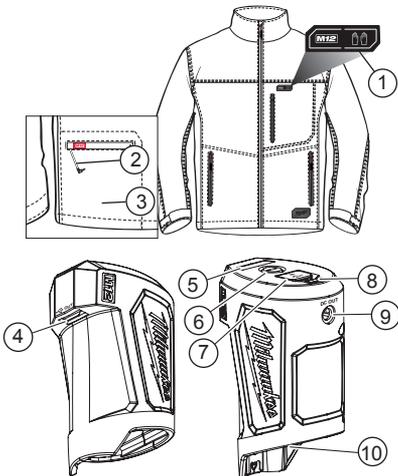
Temperature setting can be adjusted at any time by pressing the specific zone's power button. Each press will cycle through the selected zone's temperature settings. To turn off the heated jacket, press and hold (1 to 2 seconds) each of the zone's power buttons. The LED(s) will turn off. If the heated jacket turns off unexpectedly, check connections and charge the battery pack.

CARE

⚠ WARNING To reduce the risk of injury, always unplug the charger and remove the battery pack and battery controller from the heated jacket before performing any maintenance. Never disassemble the heated jacket, battery pack or charger. Contact a MILWAUKEE® service facility for ALL repairs.

If the heated jacket does not start or operate properly with a fully charged battery pack, clean the contacts on the battery pack. If the heated jacket still does not work properly, return the heated jacket, charger and battery pack, to a MILWAUKEE® service facility for repairs.

FUNCTIONAL DESCRIPTION



1. Jacket  and Pocket  Power Buttons
High: Red LED
Medium: White LED
Low: Blue LED
2. Power Cable
3. Battery Controller Pocket
4. USB out
5. Fuel Gauge LEDs
6. USB power button
7. Micro USB in
8. Charging LEDs
RED: Charging
Green: Charging complete
9. DC out
10. Battery port

If the heated jacket does not start or operate properly with a fully charged battery pack, clean the contacts on the battery pack. If the heated jacket still does not work properly, return the heated jacket, charger and battery pack, to a **MILWAUKEE®** service facility for repairs.

WARNING To reduce the risk of personal injury and damage, disconnect and remove battery pack and battery controller from battery controller pocket before washing. Never immerse your battery controller, battery pack, or charger in liquid or allow a liquid to flow inside them.

To clean the heated jacket:

1. Remove battery pack and battery controller.
2. Push the power cord completely into the battery controller pocket and zip closed.
3. Machine wash, Gentle Cycle in warm water. Do not use bleach. Do not dry clean. Do not wring or twist.
4. Tumble Dry on Low Heat. Do not iron.

MILWAUKEE® LI-ION CHARGER

CHARGING THE BATTERY

WARNING Charge only **MILWAUKEE® 12V Li-Ion** batteries in **MILWAUKEE® 12V Li-Ion** Chargers. Other types of batteries may cause personal injury and damage.

When to Charge the Battery Pack with this **MILWAUKEE®** Charger

Remove the battery pack from the tool for charging when convenient for you and your job. **MILWAUKEE®** batteries do not develop a "memory" when charged after only a partial discharge. It is not necessary to run down the battery pack before placing it on the charger.

- Use the Fuel Gauge to determine when to charge your **MILWAUKEE®** Li-Ion battery pack.
- You can "Top-Off" your battery pack's charge before starting a big job or long day of use.

• The only time it is necessary to charge the **MILWAUKEE®** Li-Ion battery pack is when the battery pack has reached the end of its charge. To signal the end of charge, power to the tool will drop quickly, allowing you just enough power to finish making a cut, drilling a hole, or driving a fastener. Charge the battery pack as needed.

Charging the Battery Pack

1. Plug your USB A end of the cable into a power source such as an AC wall adaptor, computer or car port.
2. Insert the Micro-USB end of the cable into the Micro-USB port in the charger.
3. Insert the battery pack into charger. The indicator light will display the charging status:
 - Red: Charging
 - Green: Charged
 - Red Flashing: Battery is too hot or too cold
 - Red/Green Flashing: Damaged or Faulty Battery

- During charging, press the power button to display the current charge on the fuel gauge.
- USB A Port (for device charging) and DC out port (for powering heated gear) is shut down when the Micro-USB port is being used.
- A fully discharged battery pack with an internal temperature in the normal range will charge in about 130 to 525 minutes, depending on the battery pack.
- Heavily cycled batteries may take longer to charge completely.
- After charging is complete, the continuous green light will come on.
- The charger will keep the battery pack fully charged if it is left on the charger.
- The Red Flashing Indicator light on the charger indicates that the battery pack temperature is outside the charging range. Once the battery pack is within the acceptable range, normal charging will take place and the red light will be continuous. Hot or cold batteries may take longer to charge.
- If the light indicator flashes red and green, check that the battery pack is fully seated into the bay. Remove the battery pack and reinsert. If the light continues to flash red and green, the battery pack may be extremely hot or cold, or wet. Allow the battery pack to cool down, warm up, or dry out and then reinsert. If the problem persists, contact a **MILWAUKEE®** service facility.
- If the light indicator does not come on, check that the battery pack is fully seated into the bay. Remove the battery pack and reinsert. If the light indicator still does not come on, remove pack and unplug charger for at least 2 minutes. After 2 minutes, plug charger back in and insert pack. If after these attempts the light indicator still does not come on, contact a **MILWAUKEE®** service facility.

Maintenance and Storage

Store your charger in a cool, dry place. Unplug battery chargers and remove batteries when not in use. Do not store battery packs in the M12™ Compact Charger and Power Source.

ACCESSORIES

WARNING Use only recommended accessories. Others may be hazardous.

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. Please visit www.milwaukeetools.com.au/ or www.milwaukeetools.co.nz or contact our customer service centre (Australia Toll Free Telephone Number 1300 645 928) (New Zealand Toll Free Telephone Number 0800 279 624) or visit www.milwaukeetools.com.au

WARRANTY - AUSTRALIA and NEW ZEALAND

Please refer to Australian and New Zealand warranty supplied with tool. This warranty applies only to product sold 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 279 624)

or visit www.milwaukeetools.com.au / www.milwaukeetools.co.nz.

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