



OWNER'S MANUAL

HRN216YXB-VKA4

HRN216YXB-VKC4

LAWN MOWER

Before operating the mower for the first time, please read this Owner's Manual. Even if you have operated other mowers, take time to become familiar with how this mower works and practice in a safe area until you build up your skills.

QUICK FIND

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REGISTER YOUR PRODUCT

To register your mower, scan the QR code or see [page 7](#) for additional ways to register.



QUESTIONS?

Contact your Honda dealer.

There is a dealer locator at powerequipment.honda.com

HONDA

WELCOME

Congratulations on your selection of a Honda lawn mower! We are certain you will be pleased with your purchase of one of the finest lawn mowers on the market. We want to help you get the best results from your new mower and to operate it safely. This manual contains information on how to do that; please read it carefully.

When your mower needs scheduled maintenance, keep in mind that Honda Power Equipment servicing dealership personnel are specially trained in servicing Honda lawn mowers and are supported by the parts and service divisions of American Honda.

Please read the *DISTRIBUTOR'S LIMITED WARRANTY* on [page 22](#) to fully understand what is covered by warranty and your responsibilities of ownership.


FOR YOUR SAFETY

Your safety and the safety of others are very important. We have provided important safety messages in this manual and on the mower. This information alerts you to potential hazards that could hurt you or others. Please read these messages carefully.

Of course, it is not practical or possible to warn you about all the hazards associated with operating or maintaining a lawn mower. You must use your own good judgment.

Safety Instructions

You will find important safety information in a variety of forms:

- **Safety Labels** – on the lawn mower.
- **Instructions** – how to use this mower correctly and safely.
- **Safety Messages** – preceded by a safety alert  symbol and one of three signal words: DANGER, WARNING, or CAUTION. Each message tells you what the hazard is, what can happen, and what you can do to avoid or reduce injury. These signal words mean:

DANGER

You **WILL** be KILLED or SERIOUSLY HURT if you don't follow instructions.

WARNING

You **CAN** be KILLED or SERIOUSLY HURT if you don't follow instructions.

CAUTION

You **CAN** be HURT if you don't follow instructions.

- **Damage Prevention Messages** – You will also see other important messages that are preceded by the word NOTICE. This word means:

NOTICE

Your mower, other property, or the environment can be damaged if you don't follow instructions.

Important Message to Parents

The safety of children and adolescents is important to Honda. Lawn mowers are powerful tools, not toys. As with any equipment, bad judgments can result in serious injuries. Please ensure before any child, adolescent, or inexperienced person begins using this device, they:

- Possess the necessary level of physical strength and have the mental capability of using the device in a safe manner.
- Can fully operate all controls and understand the safety instructions and warnings provided.

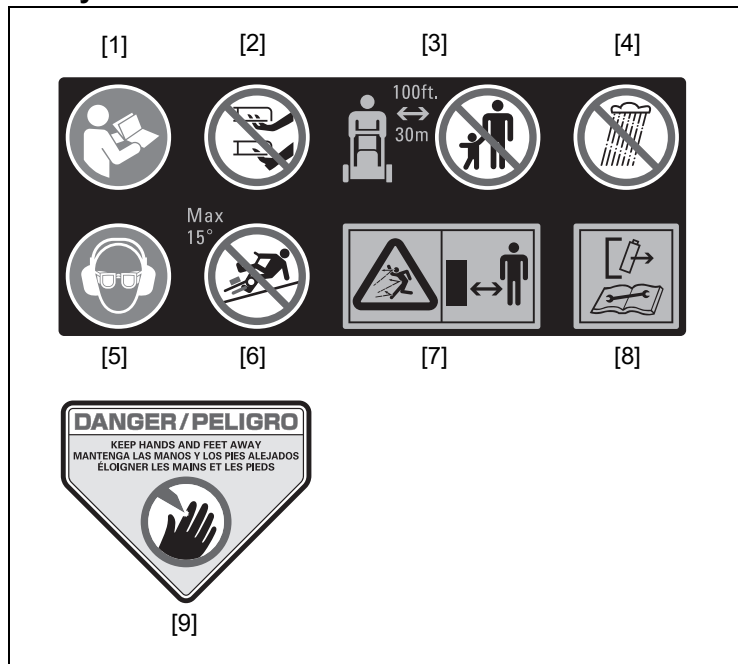
Honda strongly recommends that all young, inexperienced or first time users receive initial training and supervision from a competent adult, in accordance with these instructions.

Safety Label Locations

These labels warn you of potential hazards that can cause serious injury. Read them carefully. If a label comes off or becomes hard to read, contact an authorized Honda servicing dealer for a replacement.



Safety Label Definitions



- [1] Read the owner's manual before using the mower.
- [2] Risk of cuts. Rotating blades: Do not put hands or feet inside the mower deck enclosure.
- [3] Keep out of reach of children, and keep all persons or pets at least 100 ft. (30 m) away from the mowing area.
- [4] Do not operate the lawn mower or handle the battery pack in wet or rainy conditions.
- [5] Wear eye protection.
- [6] Avoid steep slopes of more than 15 degrees. You could slip, fall, and lose control of the mower.
- [7] Risk of projections: Keep third persons away from the area during use.
- [8] Remove the battery pack before performing any operation of maintenance or repairs.
- [9] Keep hands and feet away.

Lawnmower safety warnings

⚠ WARNING Read all safety warnings, instructions, illustrations and specifications provided with this lawnmower. *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.

1) Work Area Safety

- a) To avoid bystander contact with the moving blade or a thrown object injury, *keep the area of operation clear of all bystanders, particularly small children. Stop the lawnmower and any attachment(s) if anyone enters the area. Contact with the moving blade or thrown objects may result in serious personal injury or death.*
- b) Only operate the lawnmower in daylight or good artificial light. *Dark areas invite accidents.*
- c) Do not operate lawnmowers in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. *Lawnmowers create sparks which may ignite the dust or fumes.*
- d) Do not use the lawnmower in bad weather conditions, especially when there is a risk of lightning. *This decreases the risk of being struck by lightning.*
- e) Thoroughly inspect the area where the lawnmower is to be used and remove all stones, sticks, wires, bones, and other foreign objects. *Thrown objects can cause personal injury.*

2) Electrical Safety

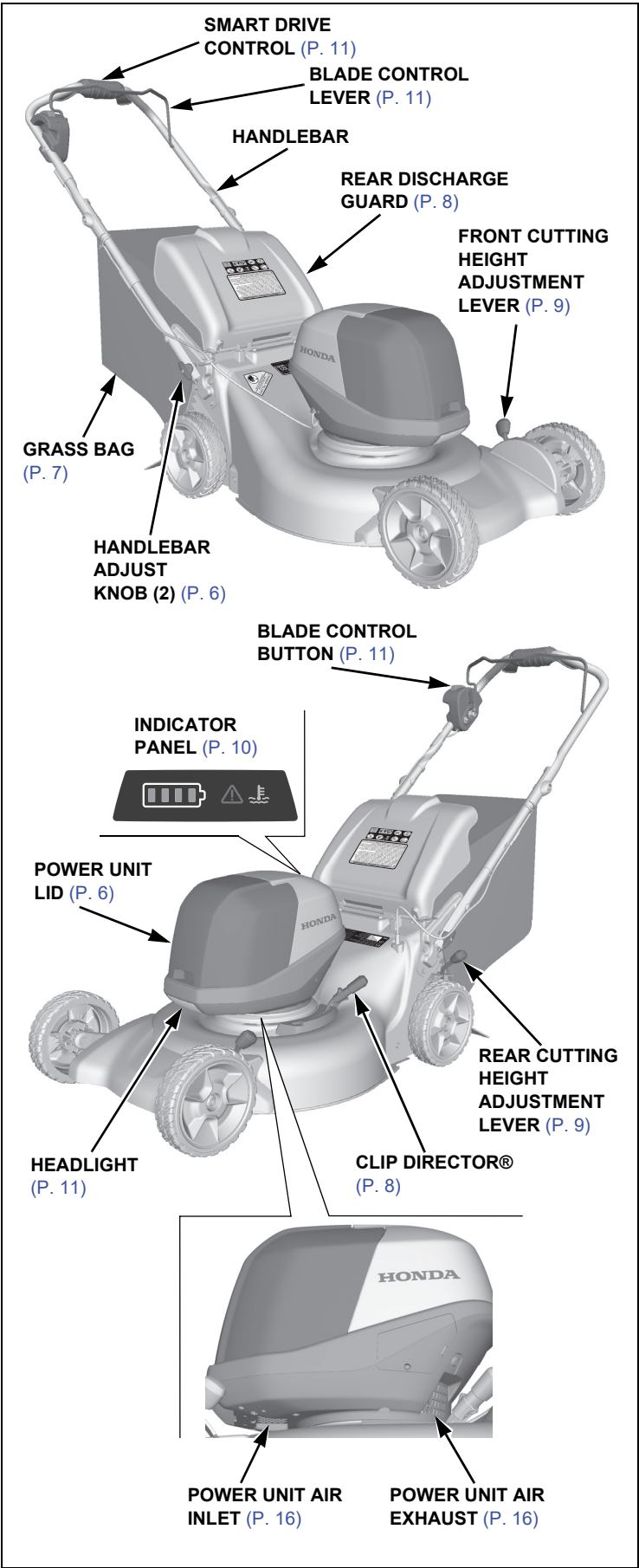
- a) Do not expose the lawnmower to rain or wet conditions. *Water entering a lawnmower may increase the risk of electric shock.*

3) Personal safety

- a) Use personal protective equipment. Always wear eye protection. *Protective equipment will reduce personal injuries.*
- b) Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing away from moving parts. *Loose clothes, jewellery or long hair can be caught in moving parts.*
- c) While operating the lawnmower, always wear long trousers. *Exposed skin increases the likelihood of injury from thrown objects.*
- d) While operating the lawnmower, always wear non-slip and protective footwear. Do not operate the lawnmower when barefoot or wearing open sandals. *This reduces the chance of injury to the feet from contact with the moving blade.*
- e) Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or batteries, picking up or carrying the lawnmower. *Carrying a lawnmower with your finger on the switch or energising a lawnmower that has the switch on invites accidents.*
- f) Remove any adjusting key or wrench before turning the lawnmower on. *A wrench or a key left attached to a rotating part of the lawnmower may result in personal injury.*
- g) Keep proper footing and balance at all times. *This enables better control of the lawnmower in unexpected situations.*
- h) Stay alert, watch what you are doing and use common sense when operating a lawnmower. Do not use a lawnmower while you are tired or under the influence of drugs, alcohol or medication. *A moment of inattention while operating a lawnmower may result in serious personal injury.*

- i) Do not let familiarity gained from frequent use of lawnmower allow you to become complacent and ignore lawnmower safety principles. *A careless action can cause severe injury within a fraction of a second.*
 - j) To avoid operator blade contact or a thrown object injury, stay in the operator zone behind the lawnmower handles. *Blade contact or thrown objects may result in serious personal injury.*
 - k) Do not touch blades and other hazardous moving parts while they are still in motion. *This reduces the risk of injury from moving parts.*
- 4) Lawnmower use and care
- a) Use the lawnmower and accessories in accordance with these instructions, taking into account the working conditions and the work to be performed. *Use of the lawnmower for operations different from those intended may result in a hazardous situation.*
 - b) Before using the lawnmower, always visually inspect to see that the blade(s) and the blade(s) assembly are properly secured and not worn or damaged. *Loose, worn, or damaged parts may increase the risk of injury.*
 - c) Keep guards and other safety devices in place, properly mounted, and in working order. *A guard or other safety device that is loose, damaged, or is not functioning correctly may result in personal injury.*
 - d) Keep all cooling air inlets clear of debris. *Blocked air inlets and debris may result in overheating or risk of fire.*
 - e) Do not use the lawnmower if the switch does not turn it on and off. *Any lawnmower that cannot be controlled with the switch is dangerous and must be repaired.*
 - f) Do not operate the lawnmower in wet grass. Walk, never run. *This reduces the risk of slipping and falling which may result in personal injury.*
 - g) Do not operate the lawnmower on excessively steep slopes. *This reduces the risk of loss of control, slipping and falling which may result in personal injury.*
 - h) Do not force the lawnmower. Use the correct lawnmower for your application. *The correct lawnmower will do the job better and safer at the rate for which it was designed.*
 - i) Be aware of the mower and attachment discharge direction and do not point the mower discharge at anyone. *Thrown objects can cause personal injury.*
 - j) Use extreme caution when reversing or pulling the lawnmower towards you. Always be aware of your surroundings. *This reduces the risk of tripping during operation.*
 - k) When working on slopes, always be sure of your footing, always work across the face of slopes, never up or down and exercise extreme caution when changing direction. *This reduces the risk of loss of control, slipping and falling which may result in personal injury.*
 - l) Operate the disabling device and/or remove all battery packs, if removable, from the lawnmower before making any adjustments, changing accessories, or storing the lawnmower. *Such preventive safety measures reduce the risk of starting the lawnmower accidentally.*
 - m) Keep handles and grasping surfaces dry, clean and free from oil and grease. *Slippery handles and grasping surfaces do not allow for safe handling and control of the lawnmower in unexpected situations.*
 - n) Check the grass bag frequently for wear or deterioration. *A worn or damaged grass bag may increase the risk of personal injury.*
 - o) Before removing the grass bag, turn off the motor and wait until the blade(s) comes to a complete stop. The cutting blade(s) continues to rotate after the blade control is released. Never place any part of the body in the blade(s) area until you are certain the motor is off and the blade(s) has stopped rotating. *Contact with the moving cutting blade(s) may result in serious personal injury.*
- p) Before unclogging the chute, turn off the motor, wait until the blade(s) comes to a complete stop, operate the disabling device and/or remove all batteries, if removable. The cutting blade(s) continues to rotate after the blade control is released. Never place any part of the body in the blade(s) area until you are certain the motor is off and the blade(s) has stopped rotating. *Contact with the moving cutting blade(s) may result in serious personal injury.*
- q) Before cleaning or inspecting the lawnmower, turn off the motor, wait until the blade(s) comes to a complete stop, operate the disabling device and/or remove all batteries, if removable. Accidental contact with the moving blade and moving parts may result in personal injury.
- r) Maintain the lawnmower and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the lawnmower's operation. If damaged, have the lawnmower repaired before use. *Many accidents are caused by poorly maintained lawnmowers.*
- s) Store idle lawnmowers out of the reach of children and do not allow persons unfamiliar with the lawnmower or these instructions to operate the lawnmower. *Lawnmowers are dangerous in the hands of untrained users.*
- 5) Battery lawnmower use and care
- a) Use lawnmowers only with specifically designated battery packs. *Use of any other battery packs may create a risk of injury and fire.*
 - b) Recharge only with the charger specified by the manufacturer. *A charger that is suitable for one type of battery pack(s) may create a risk of fire when used with another battery pack(s).*
 - c) Follow all charging instructions and do not charge the battery pack(s) or lawnmower outside the temperature range specified in the instructions. *Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.*
 - d) Do not use a battery pack or lawnmower that is damaged or modified. *Damaged or modified batteries may exhibit unpredictable behaviour resulting in fire, explosion or risk of injury.*
 - e) Do not expose a battery pack(s) or lawnmower to fire or excessive temperature. *Exposure to fire or temperature above 265 °F (130 °C) may cause explosion.*
 - f) Under abusive conditions, liquid may be ejected from the battery(ies); avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. *Liquid ejected from the battery(ies) may cause irritation or burns.*
 - g) When battery packs are not in use, keep them 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.*
- 6) Service
- a) Have your lawnmower serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the lawnmower is maintained. *Use of parts which do not meet the original equipment specifications may lead to improper performance and compromise safety.*
 - b) Never service damaged battery packs. *Service of battery packs should only be performed by the manufacturer or authorized service providers.*

PARTS AND CONTROLS



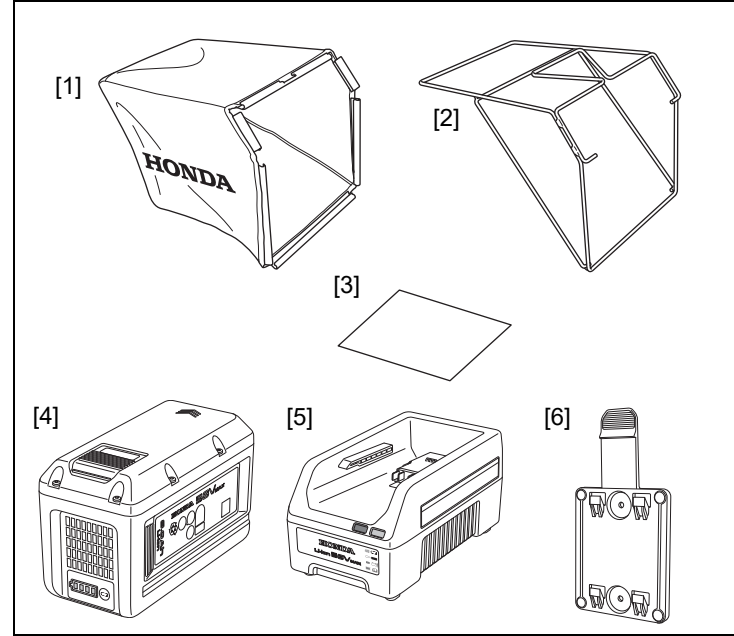
INITIAL MOWER SETUP

List of Parts

With help from an assistant, carefully remove the mower and loose parts from the carton and compare the loose parts against the following list. Contact the authorized Honda dealer from whom you purchased the mower if any of the loose parts shown are not included with your mower.

Ref. No.	Description	Qty.
[1]	Grass bag	1
[2]	Grass bag frame	1
[3]	Lawn Mower Owner's Manual	1
[4]	Battery Pack (Standard 8A)	1
[5]	Battery Charger (Standard)	1
[6]	Charger Wall Bracket	1

* The owner's manuals for the battery pack and battery charger are separate manuals that are provided in battery pack and battery charger packaging.

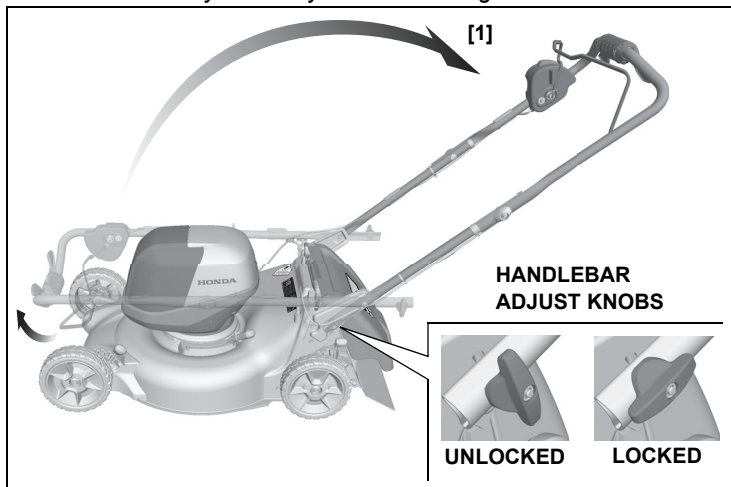


Adjust the Handlebar

1. With the handlebar adjust knobs in the unlocked position. Carefully raise the handlebar into the mowing position [1].

NOTICE

Do not allow the Smart Drive control cable to become caught, pinched, or kinked while unfolding the handlebar. The cable or blade control system may become damaged.



2. Align the adjust knobs with one of the two holes on each handle stay. Setting the adjust knobs in the lowest holes raises the handlebar to its highest position.
3. Turn the handlebar adjust knobs 90 degrees into the lock position, making sure both sides are positioned at the same height.
4. Remove all the cardboard from around the handlebar.

Battery

⚠ WARNING

Handling the battery with wet hands or in rainy conditions can create an electric shock hazard.

You can be electrocuted and seriously injured if you are shocked.

Never handle the battery with wet hands or in rainy conditions.

⚠ CAUTION

Closing the power unit lid can cause a pinch hazard.

Your hands or fingers can be pinched and injured when lowering the power unit lid.

Keep your hands and fingers clear of the power unit lid when closing it.

Charging the Battery Pack

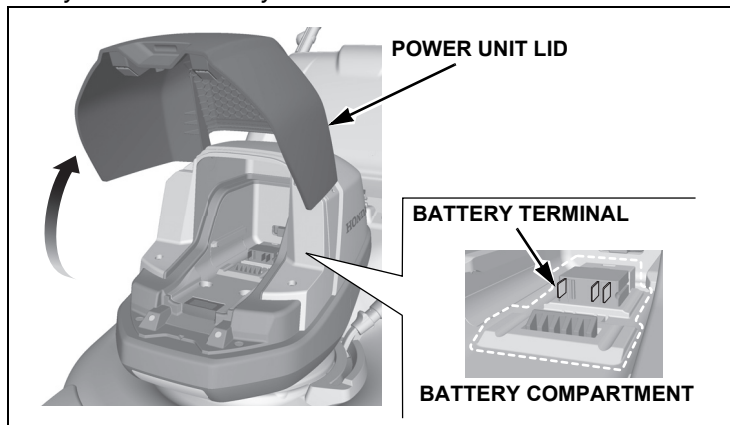
- Refer to the owner's manual for battery pack and charger.

Installation

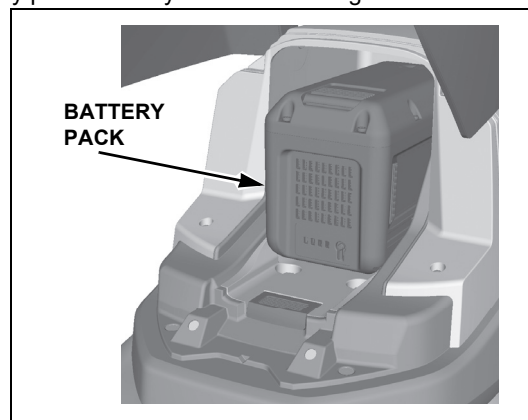
1. Lift the power unit lid.

NOTICE

Ensure that the battery compartment and battery terminals are clean. The battery and power unit can overheat or become damaged if the battery terminals are dirty.



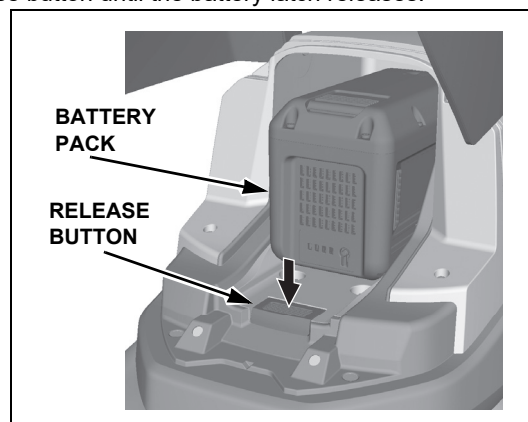
2. Hold the power unit lid open while inserting the battery pack. Push the battery pack in until you hear a clicking sound.



3. After ensuring the battery pack is securely connected, close the power unit lid gently.

Removal

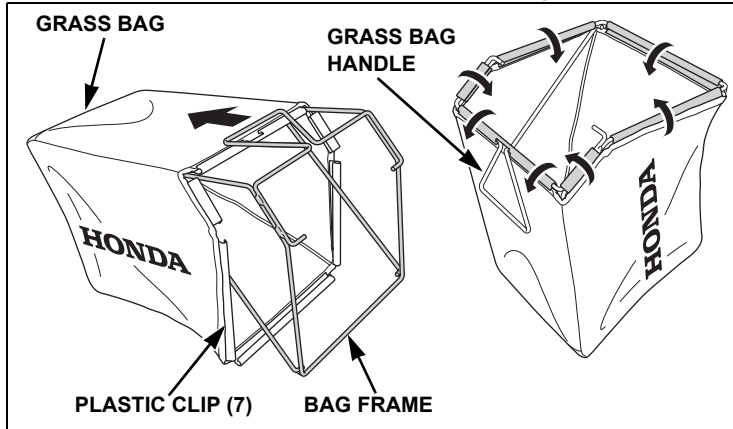
1. Lift and hold the power unit lid open.
2. Press the release button until the battery latch releases.



3. Remove the battery pack.
4. Close the power unit lid gently.

Assemble the Grass Bag

1. Install the assembled frame into the fabric grass bag, keeping the grass bag handle exposed.
2. Secure the seven plastic clips to attach the bag to the frame.



Please Register Your Mower

For USA

For mowers purchased in the USA, please take a few minutes and register your purchase with Honda. You can register by:

- Scanning the QR code to the right and completing the online form
- Going online to powerequipment.honda.com/reg



Before Using Your Lawn Mower

Before using the lawn mower, all mower operators must read the following sections:

- **FOR YOUR SAFETY** (page 2)
- **BEFORE EACH OPERATION** (page 7)
- **OPERATION** (page 9)
- **MAINTENANCE SCHEDULE** (page 14)

BEFORE EACH OPERATION

Your safety is your responsibility. A little time spent in preparation will significantly reduce your risk of injury.

Read and understand this manual. Know what the controls do and how to operate them.

Familiarize yourself with the lawn mower and its operation before you begin using it. Know how to quickly shut off the lawn mower in case of an emergency.

Check Your Mower

For your safety, and to maximize the service life of your lawn mower, it is very important to take a few moments before you operate the lawn mower to check its condition. Be sure to take care of any problem you find, or have your servicing dealer correct it, before you operate the lawn mower.

⚠ WARNING

Improperly maintaining this lawn mower, or failing to correct a problem before operation, could cause a significant malfunction.

Some malfunctions can seriously hurt or kill you.

Always perform a pre-operation inspection before each operation, and correct any problem.

- Make sure the lawn mower is on a level surface.
- Look for signs of damage.
- Check each control for proper operation.
- Check the blades for wear. Replace as necessary (page 15).
- Check that the blade mounting bolts are tight (page 15).
- Check that all nuts, bolts, and screws are tightened.
- Check the battery level (page 10). Starting with a fully charged battery will help to eliminate or reduce operating interruptions to charge the battery.

Check Your Mowing Area

For your safety and the safety of others, always inspect the area before operating the lawn mower.

Anything that can be picked up by the blades and thrown is a potential hazard to you and others. Look for things like stones, sticks, nails, and wire, and remove them from the lawn area.

People and animals near the lawn area can move into your lawn mower's path or into a position where they could be struck by thrown objects. Clear the area of pets and people, especially children. Their safety is your responsibility. Use extra care when approaching blind corners, shrubs, trees, or other objects that may block your view of a child.

Check the height and condition of the grass. Adjust your lawn mower cutting height, ground speed, and mowing swath accordingly. See page 12 for mowing tips and recommendations.

Check the Lawn Mower Operation

Ensure your mower is operating properly by starting the power unit and blade rotation, checking for any malfunctions, abnormal noises or vibrations, and then ensure the power unit and blades stop rotating when the blade control lever is released.

If there is a malfunction, abnormal noise or unusual vibration, stop the power unit and refer to the TROUBLESHOOTING on page 17 to possible causes. If you cannot determine the problem, contact your servicing dealer.

Clip Director®

The Clip Director can be adjusted to either the BAG or MULCH position to achieve the desired mowing results.

Adjust the Clip Director lever to either the bag (shutter door fully open) or mulch (shutter door fully closed).

To adjust the Clip Director, release the lock by pulling it away from the mower toward the end of the lever, and then move the lever to the desired position. Release the lock and allow it to snap into the groove.

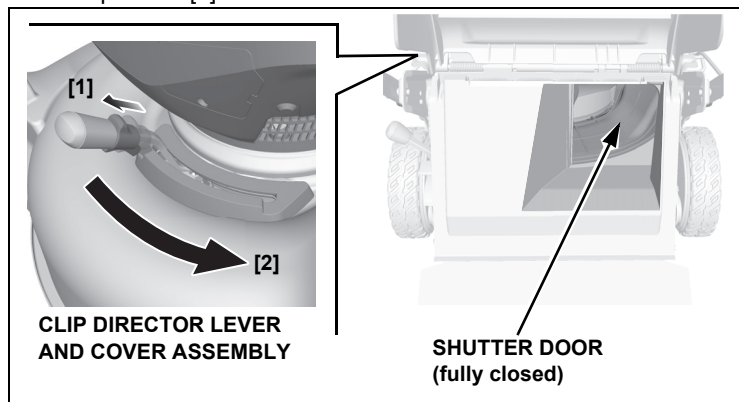
If the Clip Director is difficult to move or the lever will not lock fully:

- With the power unit OFF and battery removed, lift the discharge guard and remove the grass clippings from around the shutter door.
- With a garden hose and nozzle, spray around and under the Clip Director lever and cover assembly to remove the grass clippings. Do not allow water to contact the power unit or inside the battery compartment.

See [page 16](#) for additional mower deck cleaning instructions.

Mulching

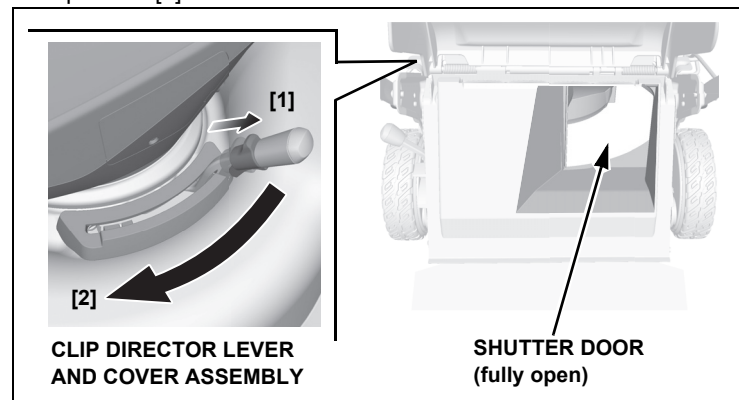
Release the lock [1] and then move the Clip Director lever into the MULCH position [2].



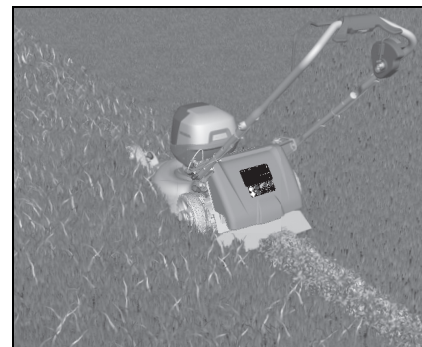
Some grass accumulation in the discharge opening is normal when the Clip Director is in the MULCH position. To remove this grass, close the discharge guard, set the Clip Director to the BAG position, engage the blade control lever, and start the power unit.

Bag or Rear Discharge

Release the lock [1] and then move the Clip Director lever into the BAG position [2].

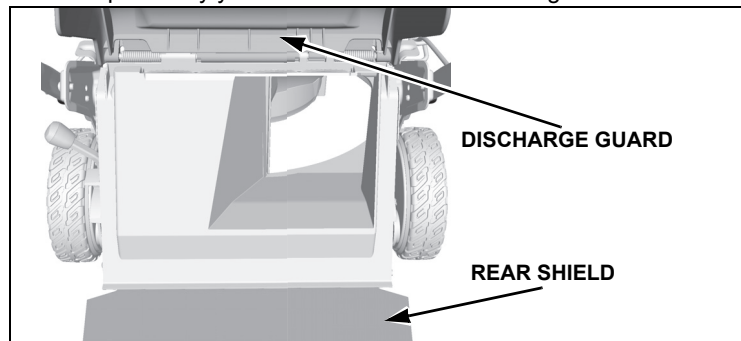


To discharge clippings to the rear, remove the grass bag and leave the Clip Director lever in the BAG position.



Rear Shield

During normal use, the rear shield is subject to deterioration and wear. Remove the grass bag and raise the discharge guard to check the rear shield for cracks or tears. If the rear shield is excessively worn, have it replaced by your authorized Honda servicing dealer.



Grass Bag

A lawn mower works like a vacuum cleaner; it blows air through the bag fabric, which traps the grass clippings. Always empty the grass bag before it becomes filled to the limit of its capacity. Bagging performance will diminish after the bag becomes about 90% filled. Also, the bag is easier to empty when it is not packed full.

You can leave the grass bag on the mower during mowing, even when full mulching is selected.

To minimize dust and fine particles from passing through the grass bag fabric, it is best to mow grass in the morning when the grass is damp.

Inspection

During use, the grass bag material is subject to normal wear and tear.

⚠ CAUTION

An excessively worn grass bag may allow objects to be thrown toward the operator.

Thrown objects can hurt you.

Replace a worn grass bag to prevent possible injury.

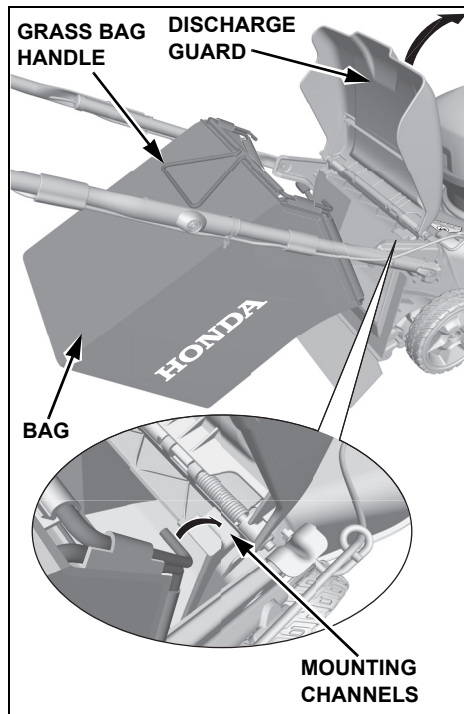
Installing a new grass bag is explained on [page 7](#).

Installation

1. Raise the discharge guard and clean out any grass or debris in the mounting channels with your finger.
2. Hook the grass bag onto the mower deck as shown.
3. Release the discharge guard to secure the grass bag.

Removal

1. Raise the discharge guard, grasp the grass bag handle, and remove the grass bag.
2. Release the discharge guard.
3. When the grass bag is clear of the discharge guard, you can lift it through the handlebar opening or remove it to the rear of the mower below the handlebar.



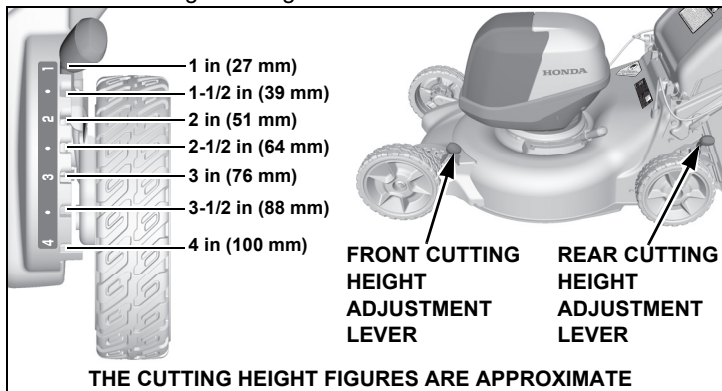
Cutting Height Adjustment

There are two cutting height adjustment levers found on the left-hand side of the lawn mower. The lever on the left front wheel adjusts the height of both front wheels, and the lever on the left rear wheel adjusts the height for both rear wheels. Both levers can be adjusted to one of seven settings. The actual height of cut grass will vary with lawn and soil conditions.

Be sure the battery pack is removed when adjusting the cutting height.

Move the front and rear adjustment levers to the same position, forward for tall grass and rearward for short grass.

To adjust the cutting height, move the rear cutting height adjustment lever first. Grasp the handlebar and lift the mower up slightly, and then pull the adjustment lever toward the wheel and move it into the desired height. Adjust the front cutting height adjustment lever to match the rear height setting.



If you are not sure what cutting height to select, start with a high setting and check the appearance of the lawn after mowing a small area. Then readjust the cutting height if necessary. Refer to the "Mowing Tips" on [page 12](#) for additional cutting height recommendations.

OPERATION

Safe Mowing Practices

Most injuries and property damage with walk-behind mowers can be prevented if you follow all instructions in this manual and on the mower. The most common hazards are discussed below, along with the best way to protect yourself and others.

General

Do not pull the mower backward unless absolutely necessary. Always look down and behind before and while moving backward.

Operate the mower only in daylight or good artificial light.

Do not operate the mower after consuming alcohol or drugs.

Avoid Rotating Blades

Rotating blades can cause serious cuts and even amputate fingers, hands, toes, or feet. Keep away from the mower deck whenever the power unit is running. If you need to adjust the cutting height or work around the deck for any other reason, always shut off the power unit and remove the battery pack. Wear heavy gloves and remove the battery pack when you need to clean the mower deck or handle the blades.

⚠ DANGER

The blades are sharp and spin at high speed. If you come in contact with a spinning blade, it will cut you severely and can amputate fingers and toes.

- Wear protective footwear.
- Keep your hands and feet away from the mower deck while the power unit is running.
- Remove the battery pack before performing any adjustment, inspection, or maintenance.

Clear Mowing Area

Mower blades can throw rocks and other objects with enough force to cause serious injury. Before mowing, carefully inspect the area and remove all sticks, stones, pieces of wire, and other loose objects. Never operate the blades over gravel.

NOTICE

Striking objects with the spinning blades can cause severe power unit damage, which is not covered by the DISTRIBUTOR'S LIMITED WARRANTY.

Keep Shields in Place

Guards and shields are designed to protect you from being hit by thrown objects and from hot power unit parts and moving components. For your safety and the safety of others, keep all shields in place when the power unit is running.

Wear Protective Clothing

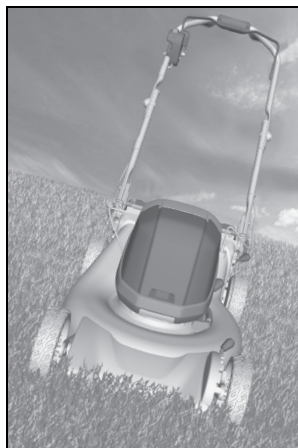
Wearing protective clothing will reduce your risk of injury. Long pants and eye protection reduce the risk of injuries from thrown objects. Sturdy shoes with aggressive soles will help protect your feet and give you better traction on slopes or uneven ground.

Stop the Power Unit When Not Mowing

If you need to leave the mower for any reason, even just to inspect the lawn ahead, always release the blade control lever and stop the power unit.

Avoid Slopes

Avoid steep slopes of more than 15°. Mow across slopes, not up and down. Be careful when changing direction. Mowing on a slope when the grass is damp or wet could cause you to slip, fall, and lose control of the mower. Never operate the mower in wet grass.



Keep all four wheels on the ground, and be careful to avoid losing your footing and your control of the mower. Keep a firm grip on the handlebar, and walk, never run, with the mower. Be very careful when mowing uneven or rough ground. Do not mow near drop offs, ditches, or embankments. You could lose your footing or balance.

If stuck, do not kick or shove the mower with your foot. Use the handlebar to control the mower.

Avoid Obstacles

Gravel, loose stones, and landscaping material can be picked up by the mower and thrown many feet with enough force to cause serious personal injury and/or property damage. Never direct discharged material toward anyone. Avoid discharging material against a wall or obstruction. Material may ricochet back toward the operator. The best way to prevent potential injury from thrown objects is to release the blade control lever to stop the blades before reaching areas with gravel, loose stones, or landscaping material.

Be careful when mowing over obstacles that stick up above the surface of the lawn such as sprinkler heads, paving, edging, raised tree roots, etc.

If the blade hits something, or if the mower starts to vibrate, stop the mower immediately and check for damage (page 15). Striking objects may damage the blades, bend the motor shaft, and/or break the mower deck or other components. Vibration usually indicates serious trouble.

WARNING

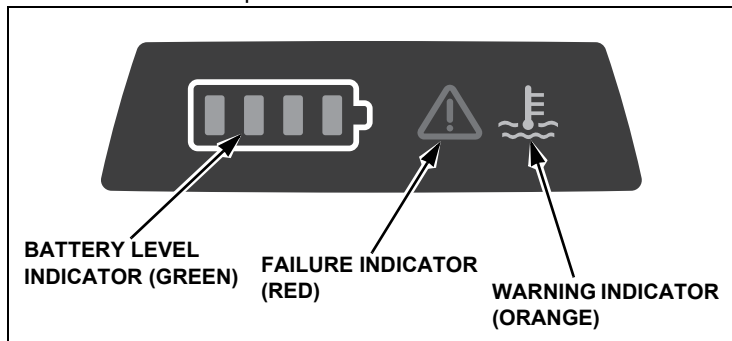
A worn, cracked, or damaged blade can break, and pieces of the damaged blade can become dangerous projectiles. Blades thrown from the mower could seriously hurt or kill someone. Inspect the blades regularly (see page 15), and do not operate the mower with a worn or damaged blade.

The *DISTRIBUTOR'S LIMITED WARRANTY* (page 22) does not cover parts damaged by accidental impact collision.

Indicator Panel

The indicator panel provides the battery's current battery level, as well as informs the operator if there is a problem or failure with the lawn mower.

The failure and warning indicators will light up momentarily when the blade control button is pressed.

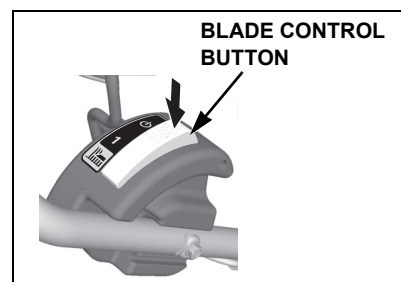


Battery Level Indicator

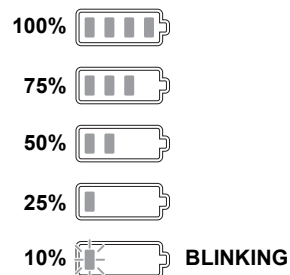
The battery level indicator shows the current battery pack charge level and is displayed using four LED bars. One bar equals to 25% of battery charge. If only one bar of the battery indicator is blinking, the battery has approximately 10% charge left and requires charging.

The battery level indicator remains on any time the mower is in operation. The battery level indicator will remain on for 3 minutes after all controls have been released. If the blade control lever or blade control button is not used for 3 minutes, the battery level indicator will turn off.

1. Press the blade control button for 2 seconds to turn on the battery level indicator.



2. The battery level indicator will display the battery's current state of charge as shown below.



Failure Indicator

The failure indicator blinks at different intervals for situations such as low battery charge level, overheated battery pack, or internal failures within the power unit. See page 18 for more information.

Warning Indicator

The warning indicator blinks if the battery pack requires charging, or if the blade control lever or blade control button are being incorrectly operated. See page 18 for more information.

Headlight

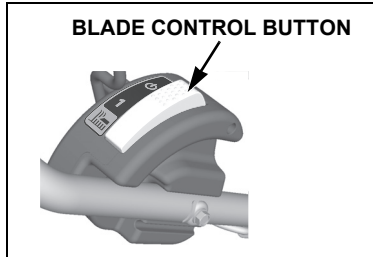
The headlight turns on while the mower is in operation or when the blade control lever or blade control button are activated. The headlight will remain on for 3 minutes after all controls have been released. If the blade control lever or blade control button is not used for 3 minutes, the headlight will turn off.

Operating the Controls

Blade Control Button

The blade control button functions as a dual action switch that turns on the power unit and acts as a safety switch to prevent accidental blade rotation.

Pressing and holding the button for 2 seconds will turn the power unit ON, which causes the Indicator Panel and Headlight to turn on. Before the cutting blades can rotate, the blade control button must be held down before operating the blade control lever.

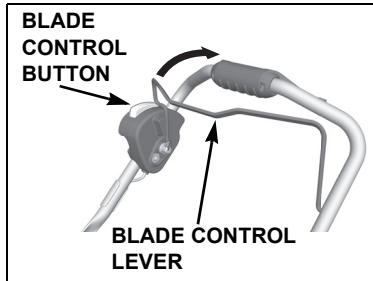


Blade Control Lever

Press and hold the blade control button, and then pull the blade control lever back against the handlebar to begin blade rotation.

Continue to hold the lever fully against the handlebar. This will keep the motor and blades rotating.

Release the blade control lever to stop the motor and stop blade rotation whenever you need to leave the mower.



Smart Drive Control

With the power unit running and the blades rotating, slowly push the Smart Drive control to propel the mower forward.

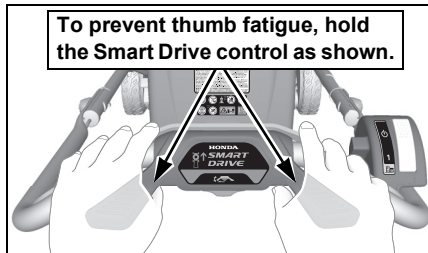
Ground speed will increase as more pressure is applied to the Smart Drive control.

After maximum ground speed is obtained, applying additional pressure will not further increase ground speed. Apply only enough pressure to achieve the desired speed.

Release the Smart Drive control to disengage the drive when mowing around trees and other obstacles. Push the mower around obstacles for better directional control.

Ground speed varies with terrain, grass height, slope, and grass bag weight. Moving the Smart Drive control allows you to maintain the desired ground speed under constantly changing mowing conditions.

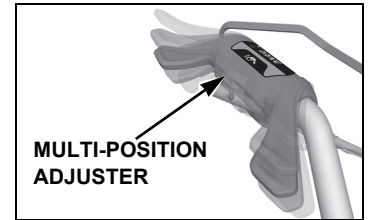
Release the Smart Drive control to disengage (stop) the rear wheels.



Adjusting the Smart Drive Control

The Smart Drive control can be adjusted up or down into any one of five positions for operator comfort.

Do not attempt to adjust the position of the Smart Drive control while the mower is in motion.

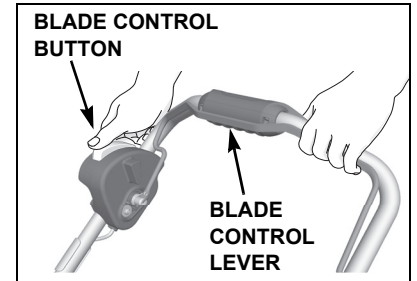


Slide the multi-position adjuster to the left to unlock the control, move the Smart Drive control up or down into the most comfortable position, and then release the multi-position adjuster and allow it to engage.

Starting the Power Unit or Mower

The blades turn when you start the power unit. Start the power unit in a clear or mowed area where the blades can turn freely.

1. Press and hold the blade control button.
2. Pull back on the blade control lever and hold it against the handlebar. Listen for the blades to begin spinning.
3. Release the blade control button.



Continue to hold the blade control lever against the handlebar; the power unit stops when the blade control lever is released.

Stopping the Power Unit or Mower

1. Release the blade control lever to stop the blades. The power unit and headlight will automatically turn off if the blade control lever or blade control button is not used for 3 minutes.
2. Clean your mower after each mowing; refer to "Cleaning" on [page 16](#).

Mowing Tips

When to Mow

Most grasses should be mowed when they have grown $\frac{1}{2}$ to 1 in (12 ~ 25 mm) above their recommended height. More frequent mowing is required for mulching than for bagging. For best mulching results, you may need to mow the lawn twice a week during the growing season.

Cutting Height

Consult a local nursery or lawn and garden center for cutting height recommendations and advice about specific types of grasses and growing conditions in your area.

Most grass has stems and leaves. If you cut off the leaves, you'll scalp the lawn. Let the grass recover between mowings. Your mower will work better, and your lawn will look better.

Cutting grass that is too tall or mowing the lawn too quickly can clog the mower deck with grass and may cause the power unit to stall. If your grass gets too tall, cut it once at the highest cutting height setting using a slow ground speed, then mow again in 2 or 3 days. Don't take off more than one third of the total grass height in any one mowing, or brown patches may develop. Cutting height adjustment is explained on [page 9](#).

Cutting Width

For an even lawn finish, overlap each mowing swath by a few inches. If the grass is very tall or thick, use more overlap and a narrower mowing swath.

Blade Speed

The blades must spin very fast to cut properly. If the motor speed drops, it could mean the motor is being overloaded by the blades trying to cut too much grass. Mow a narrower swath, move the mower slower, use the rear discharge chute, or raise the cutting height.

Blade Sharpness

A sharp blade cuts cleanly. A dull blade tears the grass, leaving shredded ends that turn brown. When your blades don't cut cleanly anymore, have them sharpened or replaced.

Dry Grass

If the ground is too dry, mowing will stir up a lot of dust. Besides being unpleasant to work in, too much dust will clog the power unit air inlet and exhaust. If dust is a problem, water your lawn the day before mowing. Mow when the grass is dry to your touch, but the soil is still moist.

Wet Grass

Wet grass is slippery and can make you lose your footing. Also, wet grass clippings will clog the mower deck and collect in clumps on the lawn. Always wait for wet grass to dry before mowing.

Fallen Leaves

When equipped with the grass bag, your mower can be used to pick up fallen leaves for disposal. If using the mower to bag large amounts of fallen leaves, and not for mowing, adjust the front cutting height adjustment lever so the front of the mower deck is one or two settings higher than the rear.

If you want to mulch fallen leaves into your lawn, don't let the leaf cover get too deep before you begin. For best results, start mulching while grass still shows through the leaf cover. In places where fallen leaves completely cover the grass, remove the leaves by raking, or install a grass bag, so your mower can pick them up for disposal.

Clogged Mower Deck

Before clearing a clogged mower deck, stop the mower and remove the battery pack.

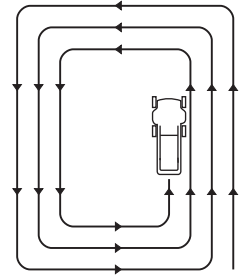
Clear a clogged deck with a stick, not your hands.

Mowing Patterns

Your Honda mower will work most efficiently if you use the following mowing patterns as much as possible. Mower deck and equipment design, and the direction in which the blade rotates, cause these mowing patterns to provide the best results.

Mulching

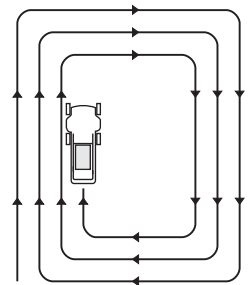
Use a counterclockwise mowing pattern. If the lawn has an irregular shape, or many obstacles, divide it into sections where you can use counterclockwise patterns.



MULCHING PATTERN

Bagging

Use a clockwise mowing pattern. This will give the best bagging performance, leaving the least amount of clippings on the lawn.



BAGGING PATTERN

SERVICING YOUR MOWER

Proper maintenance is essential for safe, economical, and trouble-free operation.

WARNING

Improperly maintaining this lawn mower, or failing to correct a problem before operation, could cause a significant malfunction.

Some malfunctions can seriously hurt or kill you.

Always perform a pre-operation inspection before each operation, and correct any problem.

To help you properly care for your mower, the following pages include a maintenance schedule, routine inspection procedures, and simple maintenance procedures using basic hand tools. Other service tasks that are more difficult or require special tools are best handled by professionals and are normally performed by a Honda technician or other qualified mechanic.

The maintenance schedule applies to normal operating conditions. If you operate your mower under severe conditions, such as sustained high load, high temperature, or unusually wet or dusty conditions, consult your servicing dealer for recommendations applicable to your individual needs and use.

Remember that an authorized Honda servicing dealer knows your mower best and is fully equipped to maintain and repair it. To ensure the best quality and reliability, use only new, Honda Genuine parts or their equivalents for repair and replacement.

Maintenance Safety

Some of the most important safety precautions follow. However, we cannot warn you of every conceivable hazard that can arise in performing maintenance. Only you can decide whether or not you should perform a given task.

WARNING

Improper maintenance can cause an unsafe condition.

Failure to properly follow maintenance instructions and precautions can cause you to be seriously hurt or killed.

Always follow the procedures and precautions in this manual.

Safety Precautions

- Make sure the power unit is off, and the battery pack is removed before you begin any maintenance or repairs. This will eliminate several potential hazards:
 - **Injury from moving parts.**
Do not run the power unit unless instructed to do so.
- Read the instructions before you begin, and make sure you have the tools and skills required.

Maintenance Schedule

Item	Action	Before each use	First 25 hours of use	50 hours of use or every 6 months	100 hours of use or every year	150 hours of use or every two years	See page
Rear shield	Check	O					8
Blades	Inspect	O					15
Blade mounting bolts	Inspect	O					15
Battery location	Clean	O					17
Motor rotation condition	Check	O					7
Power unit air inlet / exhaust	Clean			O ⁽¹⁾			16
Grass bag	Check	O					8
Blade control operation	Check	O					16
Smart Drive cable	Adjust		O	O	O	O	16
Drive belt	Inspect					O ⁽²⁾	—
Pinion gears	Clean-grease				O ⁽²⁾		—
Transmission axle bearings	Inspect-replace					O ⁽²⁾	—

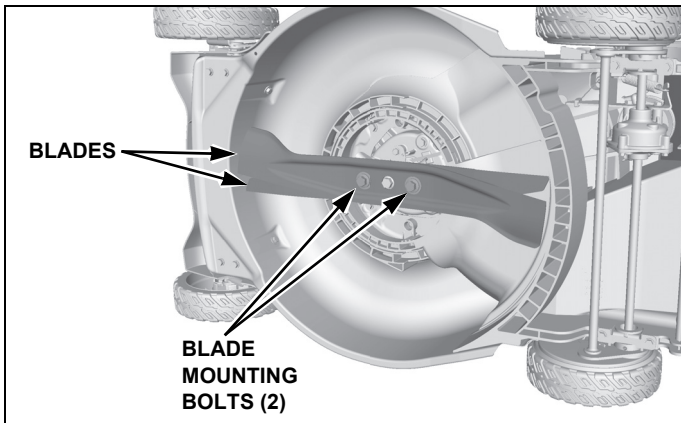
(1) Service more frequently when used in dusty areas.

(2) These items should be serviced by an authorized Honda servicing dealer unless you have the proper tools and are mechanically proficient. Refer to the Honda shop manual for service procedures. See "Honda Publications" on [page 21](#) for ordering information.

Failure to follow this maintenance schedule could result in non-warrantable failures.

Blade Inspection

1. Remove the battery pack ([page 6](#)).
2. Tilt the mower over.
3. Inspect the blades for damage, cracks, and excessive rust or corrosion.



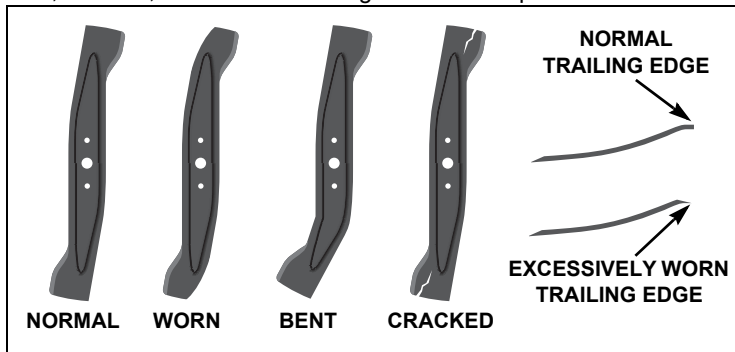
⚠ WARNING

A worn, cracked, or damaged blade can break, and pieces of the damaged blade can become dangerous projectiles.

Blades thrown from the mower could seriously hurt or kill someone.

Inspect the blades regularly, and do not operate the mower with worn or damaged blades.

A dull blade can be sharpened, but a blade that is excessively worn, bent, cracked, or otherwise damaged must be replaced.



If a blade is bent, take the lawn mower to an authorized Honda servicing dealer for inspection.

Blade Mounting Bolt Inspection

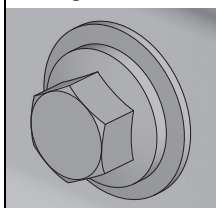
Inspect the blade mounting bolts for any signs of damage or looseness. If they are damaged, they must be replaced.

If the blade mounting bolts appear loose, a torque wrench must be used to accurately tighten the blade mounting bolts to the required torque. If you do not have a torque wrench, take your lawn mower to an authorized dealer to have the blade mounting bolts replaced and/or tightened.

Use only Honda Genuine blade mounting bolts and special washers, since they are specifically designed for this purpose.

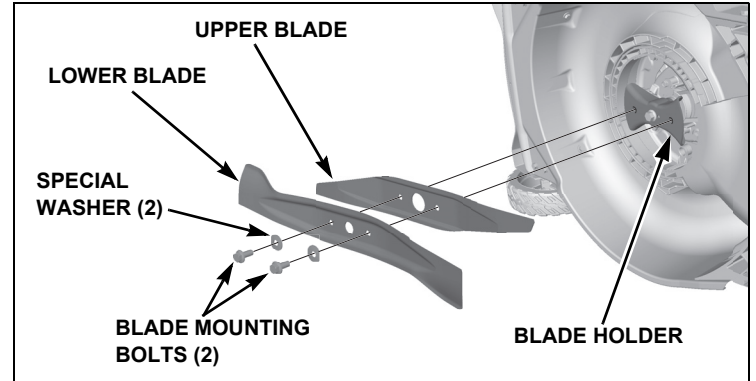
Replacement part numbers are on [page 20](#).

Inspect the washers and blade mounting bolt heads for looseness and damage.



Blade Replacement

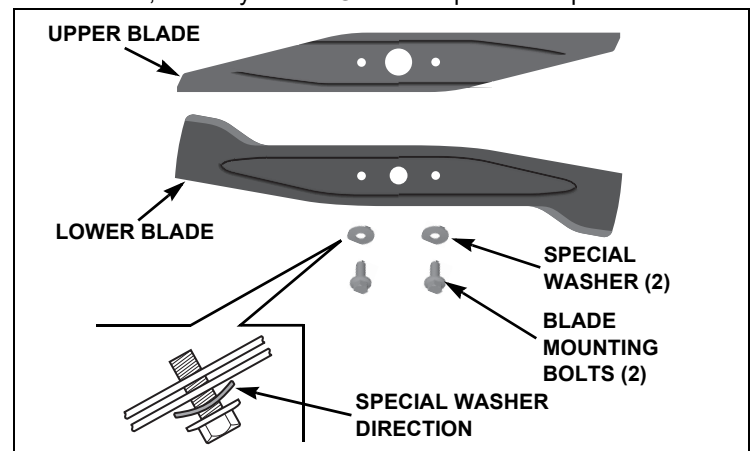
1. Remove the battery pack ([page 6](#)).
2. Tilt the mower over.
3. Remove the blade mounting bolts with a 14 mm (6 point) socket wrench. Wear thick leather gloves and hold the blades with your hand to prevent the blades from turning when removing the blade mounting bolts. Remove the blades.
4. Inspect the blade holder and blade mounting surface for damage. If damage is found or the blades have impacted a hard object, the blade holder should also be replaced.



5. Clean dirt and grass from around the blade mounting area.
6. Install the sharpened or replacement blades using the blade mounting bolts and special washers as shown.

Always install both blades as a set.

The blade mounting bolts and washers are specially designed for this application. When replacing the blade mounting bolts and washers, use only Honda Genuine replacement parts.



7. Tighten the blade mounting bolts with a torque wrench. Wear thick leather gloves and hold the blades with your hand to prevent the blades from turning when tightening the blade mounting bolts, as shown on [page 16](#).

Blade mounting bolt torque: 36 ~ 43 ft-lb (49 ~ 59 N·m)

If you do not have a torque wrench, have an authorized Honda servicing dealer tighten the blade mounting bolts.

⚠ WARNING

If the blade mounting bolts are not torqued properly, the blades could loosen and be thrown from the mower.

Blades thrown from the mower could seriously hurt or kill someone.

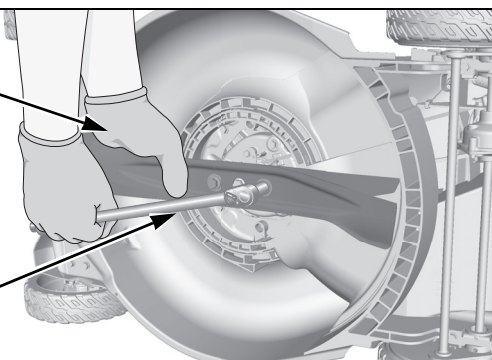
Ensure the blade mounting bolts are torqued properly.

Wear thick leather gloves to hold the blades with your hand to prevent the blades from turning.

TORQUE WRENCH

TORQUE:

36 ~ 43 ft-lb
(49 ~ 59 N·m)

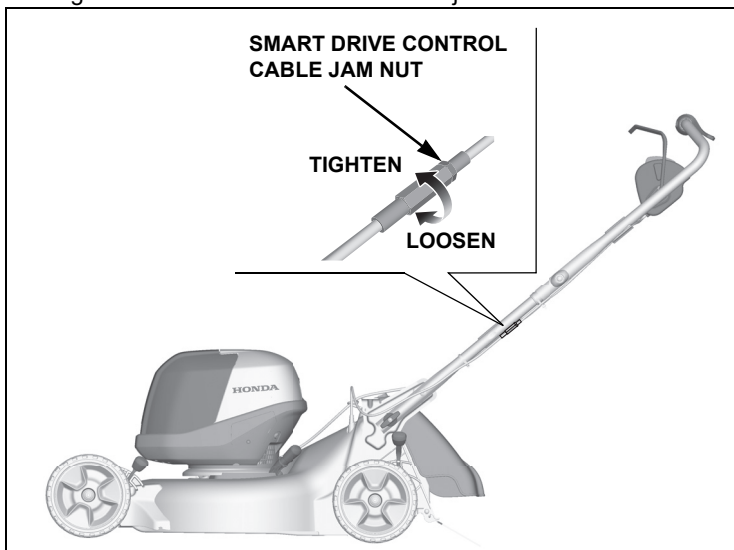


Smart Drive Cable Adjustment

Perform this procedure with the wheels on a level surface.

Ensure that the power unit is off and battery pack removed when performing cable adjustment.

1. Loosen the Smart Drive control cable jam nut.
2. To engage the drive sooner when the Smart Drive control is pressed, adjust the cable in the tighten direction.
3. To engage the drive later when the Smart Drive control is pressed, adjust the cable in the loosen direction.
4. After the cable is adjusted, test drive the mower by installing the battery pack and running the power unit.
5. The drive should engage when the Smart Drive control is pressed down approximately 1 inch on flat level surface.
6. Readjust the cable in the same manner until correct adjustment is achieved.
7. Tighten the Smart Drive control cable jam nut.



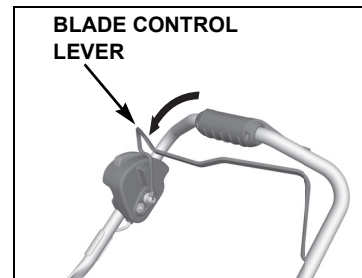
NOTICE

If the clutch does not engage correctly even when the cable is correctly adjusted, the system may need to be repaired. Take the mower to an authorized Honda servicing dealer.

Blade Control Check

1. Start the power unit outdoors.
 2. Release the blade control lever; the blade rotation should stop quickly.
- If it does not, take your mower to an authorized Honda servicing dealer for repair.

BLADE CONTROL LEVER



TRANSPORTING

Always remove the battery pack from the mower before transporting the mower or folding the handlebar.

If installed, remove the grass bag.

If a suitable loading ramp is not available, two people should lift the mower on and off the transport vehicle while holding the mower level.

Position the mower so all four wheels are on the bed of the transport vehicle. Tie the mower down with rope or straps, and block the wheels. Keep the tie-down rope or straps away from the controls, adjustment levers, cables.

Fold the handlebar so the mower will take up less space (page 17).

STORAGE

Proper storage preparation is essential for keeping your lawn mower trouble free and looking good. To help keep rust and corrosion from impairing your lawn mower's function and appearance, follow the instructions described in this section to:

- Remove the battery pack.
- Clean the mower, power unit air inlet/exhaust, battery location and grass bag.
- Choose a storage location.

Cleaning

Battery Pack and Charger

Refer to the owner's manual for battery pack and charger storage instructions.

Mower Deck

Allow the mower to cool before cleaning.

Before cleaning the underside of the mower deck, remove the battery pack. Wear heavy gloves to protect your hands from the blades.

Clean the underside of the mower deck and the areas surrounding the Clip Director with a soft rag or brush.

NOTICE

Do not use water to wash the machine as it may enter the power unit air inlet/exhaust, damage the electronics inside the power unit, or cause the transmission, controls, or cables to prematurely rust or corrode.

Power Unit Air Inlet / Exhaust

Clean dirt and grass from around the air inlet and exhaust with a soft rag or towel.

Battery Compartment

Clean dirt and grass from the battery location area and terminal with a soft rag or brush.

Power Unit

Allow the mower to cool before cleaning.

Clean the power unit by hand using a damp soft rag or towel.

NOTICE

Do not use water to wash the machine as it may enter the power unit air inlet/exhaust, damage the electronics inside the power unit, or cause the transmission, controls, or cables to prematurely rust or corrode.

Grass Bag

Remove the bag from the mower, and wash it with a garden hose or pressure washer. Allow the bag to dry completely before storage.

Storage Preparations

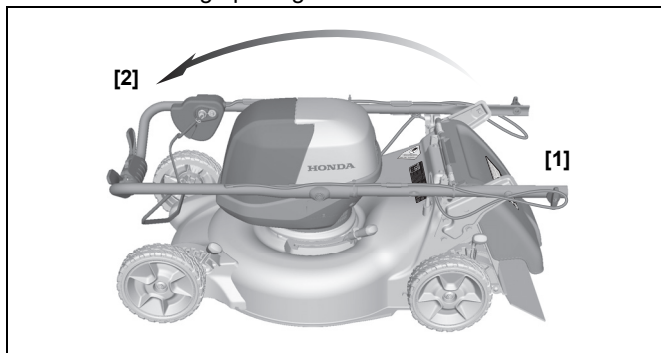
After cleaning the lawn mower, place the mower with its wheels on a level surface. After the lawn mower is clean, touch up any damaged paint, and coat other areas that may rust with a light film of oil.

Storage Location

With the power unit cool, cover the mower to keep out dust. Do not use sheet plastic as a dust cover. A nonporous cover will trap moisture around the mower, promoting rust and corrosion.

Handlebar

Remove the grass bag if installed. You can place it on top of the power unit with the bag opening to the front.



1. Turn the handlebar adjust knobs 90 degrees to release the locating pins [1].
2. Fold the handlebar forward [2]; do not pinch or kink the cables.

NOTICE

Do not allow the blade control cable to become caught, pinched, or kinked by the handlebar while folding the handlebar down into the storage position. The cable or control system may become damaged causing the lawn mower to not function properly.

Removing From Storage

When unfolding the handlebar, be sure to lock the handlebar adjust knobs to secure the handlebar in the mowing position.

Check your mower as described in *BEFORE OPERATION* (page 7).

TROUBLESHOOTING

Power Unit Will Not Start

Possible Cause	Correction
Blade control not engaged	Hold blade control lever against the handlebar (page 11).
Blade control button not pressed and held	Press and hold the blade control button (page 11).
Battery pack not fully inserted	Fully insert battery pack.

Power Unit Starts and then Stops

Possible Cause	Correction
Battery pack not fully inserted	Fully insert battery pack.
Blade wound with tough long grass	Remove the battery pack and unblock the blade.

Loss of Power

Possible Cause	Correction
Grass is too tall	Raise the cutting height (page 9), cut a narrower swath, use a slower ground speed, or cut more frequently. Instead of mulching, try rear discharging or bagging.
Mower deck is clogged	Clean out the mower deck (page 16).




Vibration

Possible Cause	Correction
Grass and debris lodged under the mower deck	Clean out the mower deck (page 16).
Blades loose	Tighten loose blade mounting bolts (page 15).
Blades bent, damaged, or unbalanced by improper sharpening	Take the mower to an authorized Honda servicing dealer for repair.
Mechanical damage, such as a bent motor shaft	

Mowing and Bagging Problems

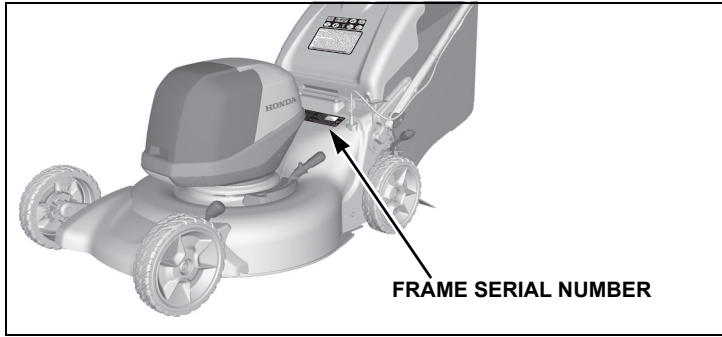
Possible Cause	Correction
Mower is moving too fast for lawn conditions	Apply less pressure to the Smart Drive paddles.
Mower leaves behind cut grass when bagging	Grass bag may be full. Empty the grass bag.
Cutting height adjustment levers set at different positions	Set all levers at the same cutting height position (page 9).
Grass bag clogged	Wash the grass bag (page 17).
Grass bag full	Empty the grass bag.
Mower deck is clogged	Clean out the mower deck (page 16).
Blades dull, worn, or damaged	Sharpen or replace the blades if necessary (page 15).
Wrong blades installed	Install correct blades (page 20).

Mower Status with Indicator Display

Display status						Correction
						
1	2	3	4			
Blinking					Blinking	Charge the Battery pack.
				Blinking		
				ON		Remove the battery pack and reinsert. If the error persists, it is recommended to discontinue using the battery, use a different battery, and contact your servicing dealer.
		ON			Blinking 2 times	Do not hold the blade control lever against the handlebar while turning the power unit on or before pressing the blade control button.
		ON			Blinking 3 times	Do not hold down blade control button while powering ON.
		ON		Blinking 2 times		Remove the battery pack and reinsert. If the error persists, contact your servicing dealer.
		ON		Blinking 3 times		
		ON		Blinking 4 times		
		ON		Blinking 5 times		
		ON		Blinking 6 times		
		ON		Blinking 7 times		
		ON		Blinking 9 times		
		ON		ON		Allow the mower to cool. Reset the power unit by releasing all controls for at least 3 minutes, and then turn the power unit back on by holding the blade control button for 2 seconds. If the error persists, contact your servicing dealer.
	ON			Blinking 2 times		Fully charge the battery pack and recheck operation. If the error persists, contact your servicing dealer.
	ON			Blinking 3 times		
	ON			Blinking 4 times		
	ON			Blinking 5 times		Remove the battery pack and reinsert, If the error persists, contact your servicing dealer.
	ON			Blinking 6 times		Allow the battery pack to cool before continuing operation.

TECHNICAL INFORMATION

Serial Number Locations



Record the frame serial number in the space below. You will need the serial number when ordering parts and when making technical or warranty inquiries.

Serial number: _____

Date of purchase: _____

Model Types

To identify your mower's type and features, refer to the model descriptions below.

HRN216YXB-VKA4	Honda rotary mower, 21-inch mower deck, 3-in-1 Clip Director®, Smart Drive variable speed transmission, single bay battery compartment, USA model.
HRN216YXB-VKC4	Honda rotary mower, 21-inch mower deck, 3-in-1 Clip Director®, Smart Drive variable speed transmission, single bay battery compartment, Canada model.

Maintenance

As the power equipment power unit owner, you are responsible for completing all required maintenance listed in your owner's manual. Honda recommends that you retain all receipts covering maintenance on your power equipment, but Honda cannot deny warranty coverage solely for the lack of receipts or for your failure to ensure that all scheduled maintenance has been completed.

Follow the **MAINTENANCE SCHEDULE** on [page 14](#). Remember that this schedule is based on the assumption that your Honda product will be used for its designed purpose. Sustained high-load or high-temperature operation, or use in dusty conditions, will require more frequent service.

Specifications

General Characteristics

Length	62.2 in (1,580 mm)
Width	22.6 in (575 mm)
Overall height*	40.8 in (1,037 mm)
Dry mass [weight]**	82.3 lb (37.4 kg)
Cutting width	20.9 in (530 mm)
Cutting heights	1 ~ 4 in (27 ~ 100 mm)
Wheelbase	26.6 in (676 mm)
Sound power level	93 dB

* Cutting height set at 1 in (27 mm) and handlebar set in highest position.

** Including grass bag and battery.

Power unit Type and Performance

Model	GCE1.5V
Type	1.5 kW Single Bay

Transmission Type and Performance

Transmission type	Variable speed belt drive
Ground speeds	0 ~ 3.80 mph (0 ~ 1.7 m/s)

Maintenance

Item	Description	Page
Blade Mounting Bolt Torque	36 ~ 43 ft-lb (49 ~ 59 N•m)	page 15
Smart Drive Cable	Adjust for proper operation.	page 16
Maximum Blade Speed	2,700 ~ 2,900 rpm*	Shop manual

* Do not try to increase the power unit speed above the maximum governed speed; the blades could fracture and come apart.

CUSTOMER INFORMATION

Parts, Accessories, and Service Items

Contact an authorized Honda servicing dealer to purchase any of these (or other) Honda Genuine items for your lawn mower.

Replacement Parts

Item	Part Number	Notes
Lower blade	72511-V0B-N00	Always use an upper and lower blade as a set.
Upper blade	72531-V0B-N00	
Blade mounting bolt	90105-VA3-000	2 required, 10 x 25 mm
Spring washer (special washer)	90502-VG3-000	2 required
Grass bag	81320-V0B-N00	Fabric bag only, no frame
Wheel/tire	44710-VR8-N00	Front
	42710-VR8-N00	Rear
Battery pack	1D200-V0B-N20	Standard 8A
	1D100-V0B-N00	Option (2.5A)
	1D100-V0B-N20	Option (4A)
	1D200-V0B-N00	Option (5A)
	1D300-V0B-N20	Option (12A)
Charger	1C600-V0B-N00	Standard
	1C600-V0B-N10	Option (Quick)

Accessories

Item	Part Number	Notes
Lawn mower cover	08P59-VE2-000AH	Custom fitted, waterproof, and breathable

Dealer Locator Information

For USA

To find an Authorized Honda Servicing Dealer anywhere in the United States, visit powerequipment.honda.com and click on Find a Dealer.

For Canada

To find an Authorized Honda Servicing Dealer anywhere in Canada:
Call (888) 9Honda9
or visit our website: www.honda.ca

Disposal



To protect the environment, do not dispose of this product using standard waste collection. Observe the local laws and regulations or consult your authorized Honda dealer for disposal. Do not dispose of electric equipment together with household waste material. If electrical appliances are disposed of in landfills or dumps, substances can leak and react and enter into the foodchain, damaging your health and well-being. For further information on the disposal of this product, please contact your dealer or your nearest domestic waste collection service.

How to Contact Honda

Honda Power Equipment dealership personnel are trained professionals. They should be able to answer any question you may have. If you encounter a problem that your dealer does not solve to your satisfaction, please discuss it with the dealership's management. The Service Manager or General Manager can help. Almost all problems are solved in this way.

If you are dissatisfied with the decision made by the dealership's management, contact the Honda Power Equipment Customer Relations Office. You can write:

American Honda Motor Co., Inc.
Power Equipment Division
Customer Relations Office
4900 Marconi Drive
Alpharetta, GA 30005-8847

Or telephone: (770) 497-6400 M-F, 9:00 a.m. - 7:30 p.m. ET

Honda Canada, Inc.
180 Honda Blvd. Markham, ON L6C 0H9
or visit www.honda.ca
Telephone: (888) 9HONDA9 Toll Free
(880) 946-6329
Facsimile: (877) 939-0909 Toll Free

When you write or call, please give us this information:

- Model and serial number ([page 19](#))
- Name of the dealer who sold the lawn mower to you
- Name and address of the dealer who services your lawn mower
- Date of purchase
- Your name, address, and telephone number
- A detailed description of the problem

Honda Publications

These publications will give you information for maintaining and repairing your lawn mower.

Owner's Manual

Keep this owner's manual handy so you can refer to it at any time. Consider this owner's manual a permanent part of the lawn mower; please give it to the new owner if you resell the lawn mower.

The information and specifications included in this publication were in effect at the time of approval for printing. Honda Motor Co., Ltd. reserves the right, however, to discontinue or change specifications or design at any time without notice and without incurring any obligation whatever. No part of this publication may be reproduced without written permission.

Shop Manual

For USA

This manual covers complete maintenance and overhaul procedures. It is intended to be used by a skilled technician. Available for purchase by visiting publications.powerequipment.honda.com.

Parts Catalog

For USA

This manual provides complete, illustrated parts lists for your mower. Visit powerequipment.honda.com and then click on *Support* for free online access to parts catalog. It is also available for purchase in paper form by visiting publications.powerequipment.honda.com.



Frequently Asked Questions

For USA

The Honda Power Equipment web site provides additional information for users of Honda power equipment. Visit powerequipment.honda.com and click on FAQs or scan the QR code shown.

DISTRIBUTOR'S LIMITED WARRANTY

Honda Power Equipment

This warranty is limited to the following Honda Power Equipment products when distributed by American Honda Motor Co., Inc., Power Equipment Division, 4900 Marconi Drive, Alpharetta, Georgia 30005-8847. The following warranty applies to products manufactured on or after April 1, 2023.

PRODUCTS COVERED BY THIS WARRANTY	LENGTH OF WARRANTY (from date of original retail purchase)	
	PRIVATE RESIDENTIAL ⁽¹⁾	COMMERCIAL/ RENTAL/ INSTITUTIONAL
HRN Series	36 months	3 months

(1) Private residential: Used in maintaining owner's primary and/or secondary residence. Any other use, including but not limited to informal "for hire" use, is considered commercial/rental/institutional use.

To Qualify for This Warranty:

The product must be purchased in the United States, Puerto Rico, or the U.S. Virgin Islands from American Honda or a dealer authorized by American Honda to sell those products. This warranty applies to first retail purchaser and each subsequent owner during the applicable warranty time period, unless noted otherwise.

What American Honda Will Repair or Replace Under Warranty:

American Honda will repair or replace, at its option, any part that is proven to be defective in material or workmanship under normal use during the applicable warranty time period. Warranty repairs and replacements will be made without charge for parts or labor. Anything replaced under warranty becomes the property of American Honda Motor Co., Inc. All parts replaced under warranty will be considered as part of the original product, and any warranty on those parts will expire coincident with the original product warranty.

To Obtain Warranty Service:

You must, at your expense, take the Honda Power Equipment product, accessory, replacement part, apparel, or the power equipment on which the accessory or replacement part is installed, and proof of purchase to any Honda Power Equipment dealer in the United States, Puerto Rico, or the U.S. Virgin Islands who is authorized to sell and/or service that product, during the dealer's normal business hours. To locate a dealer near you, visit our web site at PowerEquipment.Honda.com and click on Find a Dealer. If you are unable to obtain warranty service or are dissatisfied with the warranty service you receive, contact the owner of the dealership involved; normally this will resolve the problem. However, if you should require further assistance, write or call the Power Equipment Customer Relations Department of American Honda Motor Co., Inc. See "How to Contact Honda" on [page 20](#).

Exclusions:

- Any damage or deterioration resulting from the following:
 - Neglect of the periodic maintenance as specified in this manual
 - Improper repair or maintenance
 - Operating methods other than those indicated in the product owner's manual
 - Increasing engine speed beyond factory specification
 - The use of non-genuine Honda parts, accessories, lubricants, and fluids other than those approved by Honda
 - Exposure of the product to soot and smoke, chemical agents, bird droppings, sea water, salt or other corrosive environments
 - Collision, fuel contamination or deterioration, neglect, unauthorized alteration, misuse, incorporation or use of unsuitable attachments or parts
 - Normal wear and tear (including, but not limited to, normal fading of painted or plated surfaces, sheet peeling, and other natural deterioration)
- Consumable parts: Honda does not warrant parts deterioration due to normal wear and tear. The following parts are not covered by warranty (unless they are needed as a part of another warranted repair): spark plug, fuel filter, air cleaner element, clutch disc, tire, wheel bearing, recoil starter rope, cable, belt, cutter blade, oil, and grease.
- Cleaning, adjustment, and normal periodic maintenance work (carburetor cleaning, engine oil draining, blade sharpening, belt and cable adjustments).
- Any product that has ever been declared a total loss or sold for salvage by a financial institution or insurer.
- Auger and paddle assemblies of snow throwers, tiller tines of roto-tillers, mower blades and mower deck housings, are specifically not warranted against impact damage, including but not limited to, abrasive damage.

Disclaimer of Consequential Damage and Limitation of Implied Warranties:

American Honda disclaims any responsibility for loss of time or use of the product, transportation, commercial loss, or any other incidental or consequential damage. Any implied warranties are limited to the duration of this written limited warranty.

Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusions and limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Honda Parts, Accessories, and Apparel

This warranty is limited to Honda Power Equipment parts, accessories, and apparel when distributed by American Honda Motor Co., Inc., 4900 Marconi Drive, Alpharetta, Georgia 30005-8847.

PRODUCTS COVERED BY THIS WARRANTY	LENGTH OF WARRANTY (from date of original retail purchase)	
	PRIVATE RESIDENTIAL	COMMERCIAL/ RENTAL/ INSTITUTIONAL
Parts	6 months	3 months
Accessories	12 months	3 months
Apparel	6 months	3 months

To Qualify for This Warranty:

- The parts, accessories, or apparel must be purchased from American Honda or a dealer authorized by American Honda to sell those products in the United States, Puerto Rico, and the U.S. Virgin Islands. Parts and Accessories must be purchased for installation on original Honda equipment or engines to be eligible for warranty coverage. Installing parts and accessories on non-Honda products or engines voids this warranty.
- You must be the first retail purchaser. This warranty is not transferable to subsequent owners.

What American Honda Will Repair or Replace Under Warranty:

American Honda will repair or replace, at its option, any Honda Power Equipment parts, accessories, replacement parts, or apparel that are proven to be defective in material or workmanship under normal use during the applicable warranty time period. Anything replaced under warranty becomes the property of American Honda Motor Co., Inc. The warranty on all parts, accessories, and apparel replaced under warranty will expire coincident with the original warranty on the replaced parts, accessories, or apparel.

Parts and accessories installed by a dealer who is authorized by American Honda to sell them will be repaired or replaced under warranty without charge for parts or labor. If installed by anyone else, parts and accessories will be repaired or replaced under warranty without charge for parts, but any labor charges will be the responsibility of the purchaser.

Apparel will be repaired or replaced under warranty without any charge.

To Obtain Warranty Service:

You must, at your expense, take the Honda Power Equipment part, accessory, apparel or the Honda Power Equipment on which the part or accessory is installed, and proof of purchase to any Honda Power Equipment dealer in the United States, Puerto Rico, or the U.S. Virgin Islands who is authorized to sell that product, during the dealer's normal business hours. To locate a dealer near you, visit our web site at PowerEquipment.Honda.com and click on Find a Dealer.

If you are unable to obtain warranty service or are dissatisfied with the warranty service you receive, contact the owner of the dealership involved; normally this will resolve the problem. However, if you should require further assistance, write or call the Power Equipment Customer Relations Department of American Honda Motor Co., Inc. See "How to Contact Honda" on [page 20](#).

Exclusions:

This warranty does not extend to parts, accessories, or apparel affected or damaged by collision, normal wear, use in an application for which the product was not designed or any other misuse, neglect, incorporation or use of unsuitable attachments or parts, unauthorized alteration, improper installation, or any causes other than defects in material or workmanship of the product. Installing parts and accessories on non-Honda products or engines voids this warranty.

Disclaimer of Consequential Damage and Limitation of Implied Warranties:

American Honda disclaims any responsibility for loss of time or use of the product, or the power equipment on which the product is installed, transportation, commercial loss, or any other incidental or consequential damage. Any implied warranties are limited to the duration of this written warranty. Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusions and limitations may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

PWL50623-Y

DISTRIBUTOR'S WARRANTY

Honda Canada, Inc., 180 Honda Blvd. Markham, Ontario for and on behalf of Honda Motor Co. Ltd., Tokyo, Japan, gives the following written warranty on each new power product manufactured by Honda Motor Co. Ltd., Japan, distributed in Canada by Honda Canada Inc. and sold by authorized Honda Power Equipment dealers. Whenever used herein, the word "Honda" refers to Honda Canada Inc. and/or Honda Motor Co. Ltd. as appropriate from the context.

Honda warrants that each new Honda power product will be free, under normal use and maintenance, from any defects in material or workmanship for the relevant warranty period set forth below. If any defects should be found in a Honda power product within the relevant warranty period, necessary repairs and replacements with a new part or the Honda equivalent shall be made at no cost to the consumer for parts and labour, when Honda acknowledges that such defects are attributable to faulty material or workmanship at the time of manufacture.

Warranty Period

Warranty coverage commences from the original date of sale or when the unit is first put into use as a demonstrator. The following warranty applies to power products purchased at retail or placed into rental service on or after August 1, 2011.

PRODUCTS COVERED BY THIS WARRANTY	LENGTH OF WARRANTY (from date of original retail purchase)	
	PRIVATE RESIDENTIAL	COMMERCIAL/RENTAL/ INSTITUTIONAL
HRN Lawn Mowers	36 months	12 months

This Warranty Covers

- Any Honda power product purchased in Canada from an authorized Honda dealer which has been registered at the time of purchase on a form provided by Honda, which has had set-up and pre-delivery service performed by an authorized Honda dealer and which is normally operated on Canada;
- Any factory installed part (except normal maintenance parts) referred to in "THIS WARRANTY DOES NOT COVER"; and
- Any power product on which required maintenance services have been performed as prescribed in the Owner's Manual.

This Warranty Does Not Cover

- Any repairs required as a result of collision, accident, striking any object, misuse or lack of required maintenance;
- Any repairs required as a result of any attachments, parts or devices installed by or repairs done by a party other than an authorized Honda dealer;
- Any repairs required as a result of any parts not supplied by Honda, and this part is responsible for the failure or malfunction;
- Any power equipment modified, altered, disassembled or remodelled;
- Normal maintenance services, including tightening of nuts, bolts and fittings and engine tune-up and the replacement of parts made in connection with normal maintenance services including filters, spark plugs and wires, fuses, belts, lubricants and other expendables susceptible to natural wear;
- The Honda lawn mower blades and mower deck housings are specifically not warranted against impact damage including, but not limited to, abrasive damage; and
- All accessories or attachments.

The Owner's Obligation

In order to maintain the validity of this DISTRIBUTOR'S WARRANTY, the required maintenance services as set forth in the Owner's Manual must be performed at the proper intervals and detailed receipts and records retained as proof.

To Obtain Warranty Service

You must take the Honda power product, at your expense, during normal service hours, to any authorized Honda Power Equipment dealership. If you are unable to obtain or are dissatisfied with the warranty service you receive, first contact the owner of the dealership involved; this should resolve the problem. If you require further assistance, contact Honda Canada's Customer Relations Department.

Honda Canada, Inc.

180 Honda Blvd. Markham, ON L6C 0H9

or visit www.honda.ca

Telephone: (888) 9HONDA9 Toll Free

(880) 946-6329

Facsimile: (877) 939-0909 Toll Free

Replacement Parts And Accessories Warranty

New Honda Genuine replacement parts or accessories sold to a consumer or installed by an authorized Honda Power Equipment dealer which are not covered by the DISTRIBUTOR'S WARRANTY are warranted for a period of one year from date of purchase, provided, however, that this Replacement Parts and Accessory Warranty does not apply to any replacement parts modified, used with, or installed on a power product for which the replacement parts were not intended. Electrical components that are not installed by the dealer (sold over the counter) are not covered by warranty. Refer to Battery & Charger owners manual.

Entire Written Warranty:

This DISTRIBUTOR'S WARRANTY and the REPLACEMENT PARTS AND ACCESSORY WARRANTY are the only and the entire written warranties given by Honda for Honda power products. No dealer or his agent or employee is authorized to extend or enlarge on these warranties on behalf of Honda by any written or verbal statement or advertisement.

Disclaimer

To the extent the law permits, Honda disclaims any responsibility for loss of time or use of the product, transportation or towing costs or any other indirect, incidental or consequential damage, inconvenience or commercial loss.

Notice To Consumer

The consumer protection, sales of goods and consumer warranty laws of certain jurisdictions (including Quebec) do not allow the exclusion or limitation of certain legal warranties, conditions or representations. The provisions contained in this warranty are not intended to limit, modify, take away from, disclaim or exclude any warranties that you may have under such laws. If these laws apply to you, some or all of the exclusions or limitations in this warranty (including the preceding disclaimer) may not apply and you may have additional rights. To the extent that we may not, as a matter of applicable law, disclaim any implied warranty or condition, the scope and duration of such warranty or condition will be the minimum permitted under such applicable law.

Privacy Statement

The owner information submitted may be used by Honda and its related companies, their dealers, and service provides to communicate marketing, product, and service information to you. If you prefer not to receive marketing information, please contact us at 1-888-946-6329.

HONDA

