

Limited 2 Year Warranty

What Is Covered

Manufacturer warrants to the original purchaser that eligible products are free from defects in materials and workmanship for the period of 2 years from the date of purchase under normal usage.

What Is Not Covered

This warranty does not cover damage due to abuse, improper maintenance, failure to follow directions, neglect, unauthorized repair/alteration, ordinary wear, or expendable parts and accessories expected to become unusable after a reasonable period of use. This warranty not valid for use by a professional contractor or if the eligible products are used as rental equipment. Also, consequential and incidental damages are not recoverable under this warranty. Some states do not allow the exclusion or limitation of consequential or incidental damages, so the above limitation or exclusion may not apply to you.

What Test Rite Will Do

Test Rite will repair or replace any product that proves to be defective in materials or workmanship. In the event repair is not possible, Test Rite will either replace your product with a new product of similar composition and price, or refund the full purchase price of your product.

How To Get Service

In order to be eligible for service under this warranty, you must:

- Return warranty registration card within (30) days of purchasing product
- Register product online
- Write or call
- Or bring defective item to closest dealer/distributor

How State Law Applies

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

For questions, please contact

American Customer Service
5805C Peachtree Corners
East Norcross,
GA 30092, U.S.A 30092

1-800-840-7856
ITEM # AQ75034G
PHONE LINES AVAILABLE
MONDAY THROUGH FRIDAY
8:00AM- 5:00PM EST
E-mail:
acs@americancustomerservice.com



Remember To Recycle

HYPER TOUGH™ 20 CORDLESS DRILL VOLT MAX* LITHIUM ION BATTERY

INSTRUCTION MANUAL



Electronic Version of this Manual Available on Walmart.com

* Maximum initial battery voltage (measured without load) is 20 volts. Normal voltage is 18.

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CALIFORNIA PROP 65

WARNING: Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paints,
- Crystalline silica from bricks and cement and other masonry products, and
- Arsenic and chromium from chemically-treated lumber.

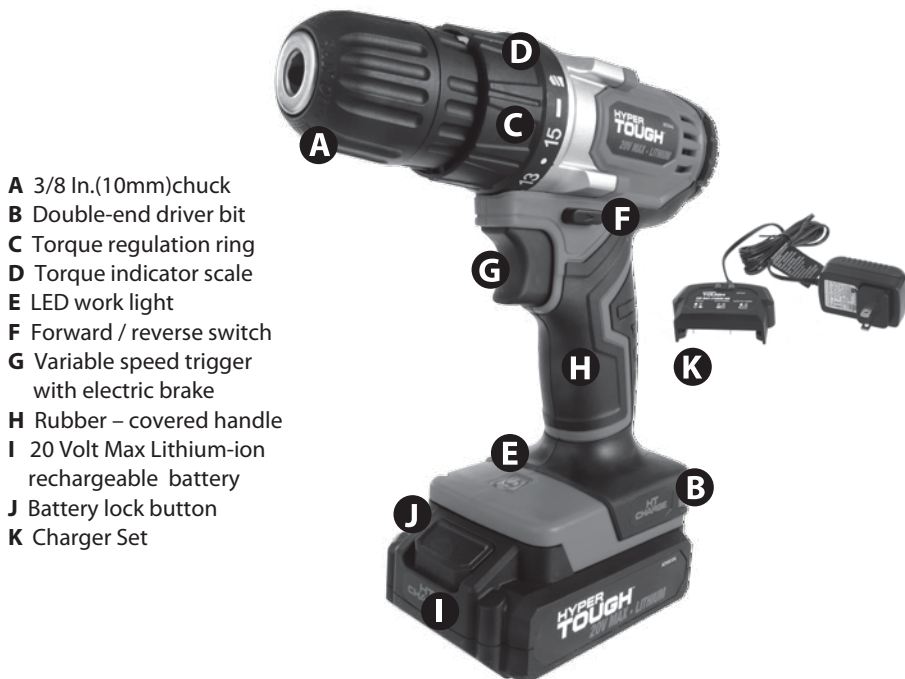
Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemical: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles."

For more information go to **HYPERLINK**

<http://www.P65Warnings.ca.gov>

Electronic Version of this Manual Available on Walmart.com

Overview



- A 3/8 In.(10mm)chuck
- B Double-end driver bit
- C Torque regulation ring
- D Torque indicator scale
- E LED work light
- F Forward / reverse switch
- G Variable speed trigger with electric brake
- H Rubber – covered handle
- I 20 Volt Max Lithium-ion rechargeable battery
- J Battery lock button
- K Charger Set

Please read before returning this product for any reason:

If you have questions or experience a problem with your Hyper Tough purchase, call **1-800-840-7856** from 8:00 a.m. to 5:00 p.m. Eastern Standard Time, Monday through Friday.

SAFETY GUIDELINES

Be sure to read and understand this manual for your safety. When using this product it is important to read and understand this information. It will protect you and help prevent any problems.

Here are the guidelines to help you understand the symbols used in this guide.

⚠ DANGER: indicates a potentially hazardous situation which could result in death or serious injury.

⚠ WARNING: indicates the situation which could result in death or serious injury

⚠ CAUTION: indicates a potentially hazardous situation which could result in mild to moderate injury

NOTICE: When used without the Safety Alert symbol, this indicates a potentially hazardous which, if not avoided, can result in property damage.



GENERAL POWER TOOLS SAFETY WARNINGS

 **WARNING: Read all of the instructions and pay close attention to the safety warnings.** Failure to follow the warnings and instructions can result in electric shock fire and or serious injury.

**SAVE THESE WARNINGS AND INSTRUCTIONS
YOU MAY NEED TO REFER TO THEM LATER**

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

SAFETY WARNINGS AND INSTRUCTIONS

- 1) This manual contains important safety and operating instructions.**
- 2) Be sure that any attachments are recommended or sold by Hyper Tough;** use of attachments by other manufacturers may not meet the same requirements and can result in fire, electric shock, or injury.
- 3) Never pull by the cord** - always pull by the plug when disconnecting.
- 4) Never open the power tool** - there are no parts inside that are serviceable by the customer.
- 5) NEVER incinerate the power tool when it is ready to be discarded.** It can explode in a fire.

SAVE THESE INSTRUCTIONS**1) WORK AREA SAFETY**

- **Keep your area well lit and clear of clutter that can invite accidents.**
- **Operate your tools in a safe area free of the presence of flammable liquids, gases, dust or potentially explosive atmospheres.** Power tools can create sparks which can combust.
- **Keep all distractions such as children away while operating the power tool.** Distractions can cause accidents, or cause you to lose control.

2) ELECTRICAL SAFETY

a) To reduce the risk of electrical shock power tool plugs must match the outlet. Double insulated tools are equipped with a polarized plug (one blade is wider than the other). The plug is designed to fit into a polarized outlet only one way. If the plug does not fit properly into the outfit, try reversing the plug - if it still does not fit, you need to find an outlet that is polarized, or contact a qualified electrician to install a polarized outlet.

Don't modify the plug and don't use any plug adapters with earth grounded power tools. Double insulation eliminates the need for the three wire grounded power cord and grounded power supply system.

b) Avoid bodily contact with grounding services such as ranges, refrigerators, pipes, radiators ; there is a higher risk of electrical shock if your body is grounded.

c) Don't expose your power tools to wet conditions or rain. Water entering a power tool will increase the risk of electrical shock.



- d) Do not abuse the cord. Never use the cord to carry the tools or pull the plug from an outlet.** Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately. Damaged cords increase the risk of electric shock.
- e) Be sure to use electrical supplies that are suitable for the conditions. If working outdoors, use extension cords rated for outdoor use (marked "W-A" or "W") - this reduces the risk of electrical shock.**
- f) If you have to work in a damp location, be sure to use a ground fault circuit interrupter (GFCI) protected supply.** This will help reduce the risk of electrical shock.

ELECTRICAL SAFETY (CONT.) - EXTENSION CORD USE

- 1) Make sure the cord is clear and secure** - do not step on, trip or otherwise damage or stress the cord.
- 2) Don't use an extension cord unless you have to** - use of an improper extension cord can result in fire, shock or electrocution.
- a. Two-wire cords can be used with 2-wire or 3-wire extension cords. Only round jacketed U.L. (Underwriters Laboratories) listed extension cords should be used.** If you are going to use an extension cord outside, make sure the cord is manufactured for outdoor use. NOTE: Most cords used for outdoor use can also be used indoors. The letters "W" or "WA" on the cord jacket mean the cord is suitable for outdoor use.
- b. An extension cord must be of the proper gauge (wire size) - AWG or American Wire Gauge to be used safely, prevent power loss, and prevent overheating.** NOTE: the smaller the wire gauge number, the greater the capacity of that cable; for instance, 16 gauge has more capacity than 18 gauge. If you must use more than one extension cord, be sure each extension has at least the minimum required gauge size.

Recommended Minimum Wire Gauge for Extension Cords						
Amps from Tool Nameplate	25' length	50' length	75' length	100' length	150' length	200' length
0-5 amps	16 ga.	16 ga.	16 ga.	14 ga.	12 ga.	12 ga.
5.1-8 amps	16 ga.	16 ga.	14 ga.	12 ga.	10 ga.	Do Not Use
8.1-12 amps	14 ga.	14 ga.	12 ga.	10 ga.	Do Not Use	Do Not Use
12.1-15 amps	12 ga.	12 ga.	10 ga.	10 ga.	Do Not Use	Do Not Use
15.1-20 amps	10 ga.	10 ga.	10 ga.	Do Not Use	Do Not Use	Do Not Use

3. PERSONAL SAFETY

- a) Stay alert when operating this machinery to avoid the possibility of personal injury. Do not use these tools if you are under the influence of drugs, alcohol, or medication.** Do not operate this machinery if you are tired.
- b) Use adequate personal protection - always wear eye protection.** Suggested protective equipment include nonskid safety shoes, dust mask, hearing protection and/or a hard hat.

- c) Prevent unintentional starting - ensure that the power switch is off before plugging into a power source or connecting the battery.** Don't carry the tool by the trigger.
- d) Remove adjusting keys or switches before turning the tools on.** A wrench or a key that is left attached to a rotating part of the tools may result in personal injury.
- e) Do not overreach.** Keep proper footing and balance at all times. Proper footing and balance enables better control of the tools in unexpected situation.
- f) Dress properly. Loose clothing or long hair can become entangled in the moving parts of this machine -** keep your clothes, gloves, hair or jewelry away from any moving machinery.
- g) Be sure to properly connect and use any devices that extract and collect dust.** When used properly, dust collection can reduce situations related to dust and debris hazards.
- h) Do not run the cordless drill while carrying it at your side.** A spinning socket or bit could become entangled with clothing and injury may result.
- i) Disconnect the plug or remove the battery pack from tool and place the switch in the locked or "OFF" position before making any assembly adjustments, changing accessories, performing any inspection, maintenance or cleaning procedures.** Such preventive safety measures reduce the risk of starting the tool accidentally.
- J) Do not use the cordless drill if it has been damaged, left outdoors in the rain, snow, wet or damp environments, or immersed in liquid.**

4. POWER TOOL USE AND CARE

- a) Use clamps or other practical way to secure and support the workpiece to a stable platform.** Holding the work by hand or against your body is unstable and may lead to loss of control.
- b) Do not force tool. Use the correct tools for your application.** The correct tools will do the job better and safer at the rate for which it is designed.
- c) Do not use tools if switch does not turn it on or off.** Any tool that cannot be controlled with the switch is dangerous and must be repaired.
- d) Disconnect the plug from the power source before making any adjustments, changing accessories or storing the tool.** Such preventive safety measures reduce the risk of starting the tools accidentally.
- e) Store idle tools out of reach of children and other untrained persons.** Tools are dangerous in the hands of untrained users.
- f) Maintain tools with care. Keep cutting tools sharp and clean.** Properly maintained tools with sharp cutting edges are less likely to bind and are easier to control.
- g) Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the tools operation. If damaged, have the tools serviced before using.** Many accidents are caused by poorly maintained tools.
- h) Use only accessories that are recommended by the manufacturer for your model.** Accessories that may be suitable for one tool, may become hazardous when used on another tool.



I) Use this power tool and accessories in accordance with the instructions; always take into account the work to be performed and the conditions in which the work will be performed. Use of this tool for anything other than what it was designed could be harmful.

5. Hold tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring or its own cord. Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.

6. SERVICE

a) Tool service must be performed only by qualified repair personnel.

Service or maintenance performed by unqualified personnel could result in a risk of injury.

b) When servicing a tool, use only identical replacement parts. Follow instructions in the maintenance section of the manual. Use of unauthorized parts or failure to follow. Maintenance instructions may create a risk of electric shock or injury.

SPECIFIC SAFETY RULES

- **Exposure to loud noise can cause hearing damage.** Always wear ear protection when using power equipment.



WARNING: ALWAYS use safety glasses. Everyday eye glasses are NOT safety glasses.

- **Use face or dust mask if operation is dusty.**

ALWAYS WEAR CERTIFIED SAFETY EQUIPMENT:

- **ANSI Z87.1 eye protection (CAN/CSA Z94.3)**

- **ANSI S12.6 (S3.19) hearing protection**

- **NIOSH/OSHA respiratory protection**

- **For optimum control of your power tool, always use the auxiliary handles if that come with the tool.**

- **Your tool has insulated gripping surfaces - be sure to hold the power tool by these surfaces to avoid electrical shock if the cutting part of the tool should make contact with a "live" wire.**

- **For best safety measures, lay the tool on it's side when not in use, particularly if you're working on a ladder or scaffold, high off the ground.** If tools with large battery packs can stand upright, but they're easily tipped over, which could cause result in an injury.

- **Power tools exert extreme force - be sure the item you're working on is firmly secured with clamps or other reliable means.** Do not try to hold the item by hand or against your body - you might lose control and be injured.

- **Keep hair, clothing or gloves away from air vents,** as they may become entangled in the moving mechanism around these areas.

- **Hold the tool firmly with both hands. Use the auxiliary handle if available; if there is no auxiliary handle, grip the handle at the bottom.** Losing control of the device can result in personal injury.



STAY ALERT

Watch what you are doing and use common sense. Don't operate any tool when you are tired.

 **WARNING: Some dust created when using power tools to sand, grind, drill or saw and/or other construction activities contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm. Some examples of these types of chemicals:**

- lead from lead-based paint
- crystalline silica from bricks and cement and other masonry products
- arsenic and chromium from chemically treated lumber

Your risk from these exposures varies depending on how often you do work that involves these materials.

To reduce exposure risk, work in a well ventilated area with approved safety equipment like dust masks that are designed to filter out microscopic particles.

• **Avoid prolonged contact with dust from construction activities like power sanding, sawing, grinding, and drilling. Always wear protective clothing and immediately wash any exposed areas with soap and water.** If you allow dust to get into your eyes or mouth, or stay on your skin, you risk absorption of these harmful chemicals.

 **WARNING: Dust from use of this tool on construction material may cause serious and/or permanent respiratory (or other) injury.** Direct the particles away from your face, and be sure to use NIOSH/OSHA approved respiratory protection against dust exposure.

Symbols

For your easy reference, here are the tools symbols you may see on your tool label:

- | | |
|--|--|
| V.....volts | A.....amperes |
| Hz.....hertz | W.....watts |
| min.....minutes | ~alternating current |
| ==direct current | η_0no load speed |
| Class II Construction | earthing terminal |
| safety alert symbol | .../min ...revolutions or reciprocations per minute |



ALWAYS FOLLOW THE SAFETY RULES FOR USE OF THIS PRODUCT. You can get seriously hurt by using this tool unsafely or incorrectly.

- 1) Always use caution, particularly if operating the power tool around electrical wiring.** Your tool has insulated gripping surfaces - be sure to hold the power tool by these surfaces to avoid electrical shock if the cutting part of the tool should make contact with a "live" wire.
- 2) Only operate the tool when you are securely holding it with both hands;** do not leave the tool running.
- 3) Don't use water on your work surface** - this tool is not waterproofed.
- 4) Always ventilate your working area adequately.**
- 5) Make sure to use appropriate respiratory protection.** Use of this tool on some paints, wood and particular products may produce dust containing hazardous substances



WARNING: Do not allow the terminals of the battery to contact metal objects when carrying or storing the battery.

If the battery terminals come in contact with conductive materials, it can cause fires - so use caution when transporting the battery. NOTE: the US Department of Transportation Hazardous Material Regulations (HMR) prohibit transporting batteries in commerce or on airplanes (i.e. packed in suitcases and carryon luggage) UNLESS they are properly protected from short circuits. Take special precaution when transporting individual batteries to make sure the terminals are well insulated and protected from anything that could contact them and cause a short circuit.

SAFETY WARNINGS AND INSTRUCTIONS: CHARGING THE BATTERY PACK

- 1) This manual contains important safety and operating instructions.**
- 2) Before using the battery charger, read and become familiar with all of the use instructions and caution markings on the battery charger, battery pack, and product using battery pack.**
- 3) CAUTION: Always use Hyper Tough battery packs to reduce the possibility of injury; other battery types may burst, causing potentially harmful results.**
- 4) Keep the charger out of bad elements, such as rain and snow.**
- 5) Be sure that any attachments are recommended or sold by Hyper Tough;** use of attachments by other manufacturers may not meet the same requirements and can result in fire, electric shock, or injury.
- 6) Never pull by the cord** - always pull by the plug when disconnecting the charger.
- 7) Make sure the cord is clear and secure** - do not step on, trip or otherwise damage or stress the cord.
- 8) Extension cords** - refer to **ELECTRICAL SAFETY (CONT.) - EXTENSION CORD USE** in this manual.
- 9) Use only the supplied charger when charging your drill.** Using a different charger can be hazardous or damage the drill.



10) Use only one charger when charging.

11) Never open the charger or power tool - there are no parts inside that are serviceable by the customer. Return the power tool to Hyper Tough for service.

12) Never attempt to open or modify battery for any reason. Released electrolyte is corrosive and may cause damage to eyes and skin. It may be toxic if swallowed.

13) NEVER incinerate the power tool or battery pack when they are ready to be discarded. The batteries can explode in a fire.

14) There are certain conditions, such as extreme usage, charging or temperature conditions that can result in a small amount of leakage from the battery pack cells. This does not indicate a failure - however, should the outer seal get broken and the leakage touches your skin:

a. Immediately wash with soap and water.

b. Neutralize with a mild acid such as lemon juice or vinegar.

c. In case the battery liquid gets in your eyes, flush your eyes with clean water for a minimum of 10 minutes and seek immediate medical attention. MEDICAL NOTE: the liquid is a 25-35% solution of potassium hydroxide.

CHARGING THE BATTERY PACK

Chargers are designed to use standard 120 volt AC, 60 Hz power. Do not use DC or any other voltage.

BEFORE ATTEMPTING TO CHARGE YOUR BATTERY PACK, THOROUGHLY READ ALL THE SAFETY INSTRUCTIONS.

- The battery is not fully charged. Before first use, the battery pack requires 5-7 hours charge time to be fully charged. Subsequent recharging needs 3-4 hours for the battery to be fully charged.
- Longest life and best performance of the battery pack is obtained when charging between air temperatures of 41°F and 95°F (5°C - 35°C). DO NOT charge the battery pack in air temperatures below 41°F (5°C) or above 95°F (35°C). This is important and will prevent serious damage to the battery pack.
- Always switch to a fresh battery when tool performance begins to diminish. Severe heat is most destructive to a battery; the more heat generated, the faster the battery loses power. A battery that gets too hot can have a shortened life.
- Never over-discharge a battery by using the tool even after tool performance has decreased. Do not attempt to discharge a tool's battery by continuing to pull on the tool trigger. When tool performance begins to diminish, stop the tool and recharge the battery for optimal performance.
- Allow the battery pack to cool down after use; Avoid placing the charger and battery pack in a warm environment.
- The charger and battery pack may become warm to touch while charging. This is normal and does not indicate problem.



- 1) Batteries will reach full performance after about five charge/discharge cycles.
- 2) Always have drill rotation switch in neutral/lock position when removing or inserting battery to avoid unintentional starting.
- 3) To remove battery pack from the tool, press the lock spring buttons (J in the functional description) and pull out.
- 4) To insert, simply push pack in until lock spring clicks.
- 5) To charge, connect the switching adapter/plug low-voltage lead to the charging stand.
- 6) Insert the switching adapter/plug into a 120V household current receptacle.
- 7) The step of the battery pack has positive and negative terminal markings on it. Align these with the identical markings on the top of the charging stand and insert pack into base. (Pack will not insert properly if reversed)
- 8) The green light is the charge indicator. When the charger is connected to AC household current, the green light is on.
- 9) The red light is the power indicator. When the battery is properly inserted into the charger and charging, the red light is on.
- 10) Normal charging time is 3 to 4 hours. The charger will charge the battery at the normal rate until charging is complete. The red charging indicator light will turn off once charging is complete. After the battery is fully charged according to the charging time provided in the instructions, remove the battery pack from the charging stand. Battery temperature will cool to normal.
- 11) When charging more than one battery pack, allow 15 minutes between charges.
- 12) After many charge/discharge cycles, your battery will lose its ability to hold a charge. It should then be replaced. Dispose of batteries at an appropriate waste disposal facility. Do not throw batteries away in common trash receptacles.

**Caution:**

1. Place and charge the Battery Pack on a dry fireproof location in a room where the temperature is from +41°F(5°C)–95°F(35°C).
2. During charging the battery, the Battery Pack, Charger base, and Adapter may become warm when you touch it. This is a normal condition, and does not indicate a problem.
3. If recharging a newly spent Battery pack, make sure it is undamaged and cool completely.
4. Always unplug the Charger when charging completed.
5. Be sure the battery is cool before using it.

ROTATION DIRECTION

Your drill is equipped with a 3-position forward / reverse / neutral-lock switch (F in the functional description) through the housing above the trigger.



1. When knob is pushed toward the left, rotation is forward (clockwise).
2. When pushed in from the left to the right side, rotation is reversed (counter-clockwise).
3. When in center position, it is locked in neutral and the trigger is blocked. Do not push the rotation direction knob until the chuck stops turning.

TORQUE REGULATOR

- This is a 15+1 position ring (C in the functional description) situated between the chuck and the drill body.
- When arrow on the top of the housing points to 1 on the Torque indicator scale (D in the functional description), torque is at minimum before the clutch disengages the chuck from the drive.
- When indicator is just past 15, output is at maximum before it is disengaged. This is useful in driving screws into different types of material.
- More torque will set a screw deeper into material, less torque will prevent it stripping. Larger screws require more torque to drive than small ones. A little trial and error will show you which is the optimum setting for the situation.
- Release the trigger when the clicking sound indicates the chuck will not turn further.
- For drilling, always use the drill setting, indicated by the pictogram of a drill bit. At this setting, the drive does not disengage from the chuck.

KEYLESS CHUCK OPERATION

Center the rotation direction knob to prevent the motor accidentally starting. To insert a drill bit or other accessory:

1. Grasp the rear half of the chuck (A) with one hand and use your other hand to rotate the front half in the counterclockwise direction, as viewed from the chuck end.
2. Insert the bit or other accessory fully into the chuck, and tighten securely by holding the rear half of the chuck and rotating the front portion in the clockwise direction as viewed from the chuck end.

 **WARNING: Never attempt to tighten drill bits or any other accessory by holding the front part of the chuck and turning the tool on - damage and/or personal injury can result.**

SCREW DRIVING

For driving fasteners, the reversing switch should be pushed to the left; for removing fasteners, the reversing switch should be pushed to the right.



DRILLING

- **Only use sharp drill bits.**
- **Secure work properly; do not try to hold object by hand.** (Refer to Safety Instructions)
- **Be sure to wear appropriate, required safety equipment.** (Refer to Safety Instructions)
- **Make sure work area is safe and secure.** (Refer to Safety Instructions)
- **Start drilling slowly**, using light pressure to start the hole and prevent the bit from slipping out of it.
- **Drill in a straight line**, applying enough pressure to keep the bit biting, but not too much to stall the motor or deflect the bit.
- **HOLD THE DRILL FIRMLY WITH TWO HANDS TO CONTROL THE TWISTING ACTION.**
- **In case the drill stalls, do not attempt to start it by clicking the trigger on and off - this can damage the drill.**
- **Minimize stalling upon breakthrough by reducing applied pressure** and reducing speed through the last part of the hole.
- **Once the hole is drilled, keep the motor running as you pull the drill bit out** of the hole to reduce jamming.
- **When drilling metals (except for cast iron and brass) use a cutting lubricant such as sulphurized cutting oil or lard oil.** *Note: cast iron and brass should be drilled dry.*
- **Drilling wood builds up chips in the flutes of twist drill bits.** Frequently pull the bit out of the wood and clear the wood chips from the bit flutes during use.
- **Make sure the switch turns the drill on and off.**

DRILLING IN WOOD

- Holes in wood can use the same twist drill bits that you would use for metal (or spade bits). Make sure the bits are sharp and frequently stop to clear the wood particles from the flutes.

DRILLING IN METAL

- **When drilling metals (except for cast iron and brass) use a cutting lubricant such as sulphurized cutting oil or lard oil.** *Note: cast iron and brass should be drilled dry.*

DRILLING IN MASONRY

Use carbide tipped masonry bits (refer to Drilling Section). Drill evenly keeping a uniform force on the drill, but not too much or you can crack the brittle material. If you are experiencing a smooth, even flow of dust, that indicates a good drilling rate.



TROUBLESHOOTING

Problem	Possible cause	Possible solution
• Unit will not start	• Battery not installed properly • Battery not charged	• Check battery installation • Check battery charging requirements
• Battery will not charge	• Battery not installed into charger • Charger not plugged in • Surrounding air temperature too hot or cold	• Insert battery into charger until red LED appears • Plug charger into working outlet. Refer to "Important Charging Notes" for details • Move charger and tool to a surrounding air temperature of above 41°F (5°C) or below 95°F (35°C)

MAINTENANCE

Keep the tool clean using a soft damp (not wet) cloth. Do not use solvents on the plastic parts.

Lubrication is not necessary. After long use, have an authorized service center maintain and lubricate the tool.

Should the chuck require replacement,

- 1. Remove the battery pack
- 2. Open the chuck jaws as widely as possible so you can get at the chuck retaining screw.

Unscrew the chuck retaining screw with a Phillips screwdriver. Note that this is a left hand threaded screw and you remove it by turning it clockwise. Clamp the shorter arm of a large Allen wrench in the chuck, aligning it with the jaws so they grip three of its six flat sides.

Place the drill on a flat surface, and support the chuck with a piece of wood about 3/8" (10 mm) above that surface. Or press the drill body on the working table and make the chuck hanging in the air. (Be careful with your hand!) Strike the long arm of the wrench with a hammer so that the chuck turns counter-clockwise and unscrews from the spindle. This may require a fairly sharp blow.

Repeat the process in reverse to install a new chuck.

4. To maintain the best performance of your rechargeable Li-ion battery, protect it from overheating, both from overcharging and during storage. Occasionally charge the battery for 7 hours. The battery may also benefit from a full discharge from time to time.

IMPORTANT: to assure product SAFETY and RELIABILITY, all maintenance, repairs or adjustments (other than those mentioned in this manual) should be performed by authorized repair centers using identical replacement parts.



**THE RBRC™ SEAL**

The RBRC™ Seal (Rechargeable Battery Recycling Corporation) on the lithium-ion battery (or battery pack) indicates that the cost of recycling the battery or battery pack have already been paid by Hyper Tough. In some areas it is illegal to place spent lithium-ion batteries in the trash or municipal solid waste stream and the RBRC program provides an environmentally conscious alternative.

RBRC in cooperation with Hyper Tough and other battery users, has established programs in the United States and Canada to facilitate the collection of spent lithium-ion batteries. Help protect our environment and conserve natural resources by contacting your local recycling center for information on where to drop off the spent battery, or call **1-877-2-RECYCLE**.



WARNING: Only use recommended accessories - use of unauthorized accessories can be hazardous and/or result in injury or damage.

This product contains lead, a chemical known to the State of California to cause cancer, and birth defects or other reproductive harm.

Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and reproductive harm.

Wash hands after handling!

**WARNING:**

Do not expose battery to fire or intense heat as it may explode. If Battery contains acid. If case should become cracked, dispose of immediately taking adequate safety precautions to prevent damage to persons or property.

**CONTAINS NON-SPILLABLE
SEALED LEAD ACID BATTERY.
BATTERY MUST BE RECYCLED
OR DISPOSED OF PROPERLY.**

**ACCESSORIES**

If you need accessories for use with your tool, most recommended accessories are available from your local dealer or authorized service center. If you need accessory information, please call: **1-800-840-7856**



 **WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.**

 **WARNING :** FCC Parts 15 marking and instruction

Marking shall include:

This device complies with part 15 of the FCC Rules .

Operation is subject to the following two conditions:

(1) this device may not cause Harmful interference ,and

(2) this device must accept any interference received ,including interference that may cause undesired operation .

Instruction manual shall include :

 **Warning :** Changes or modification to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules . This limits are designed to provide reasonable protection against harmful interference in a residential installation .

This equipment generates, uses and radiate radio frequency energy and, if not installed and used in accordance with the instruction ,may cause harmful interference to radio communication. However ,there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- . Reorient or relocate the receiving antenna.
- . Increase the separation between the equipment and receiver .
- . Connect the equipment into an outlet on a circuit different from that to which the receiver is connected .
- . Consult the dealer or an experienced radio /TV technician for help .



WARNING: Only use recommended accessories - use of unauthorized accessories can be hazardous and/or result in injury or damage.

The following accessories should be used only in these sizes:

- **BITS,METAL DRILLING-Up to 3/8 In.(9.5mm)**
- **BITS,MASONRY DRILLING-Up to 3/8 In.(9.5mm)**
- **WOOD DRILLING- Up to 1/2 In.(12.7mm)**

FULL TWO YEAR HOME USE WARRANTY

Hyper Tough warrants this product for two years against defects in materials and assembly. This LIMITED WARRANTY does not cover products that are improperly used,abused,altered or repaired by unauthorized personnel. This warranty does not apply to accessories.This warranty gives you specific legal rights and you may have other legal rights which vary from state to state or province to province.For warranty questions,replacement, or repair,call American Customer Service at 1-800-840-7856. This product is not intended for commercial use.



WARNING: Repairs should be made by an authorized repair center. Opening this tool could invalidate your warranty.



NOTE: Due to continuous product improvement, we reserve the right to change the product specification without prior notice.



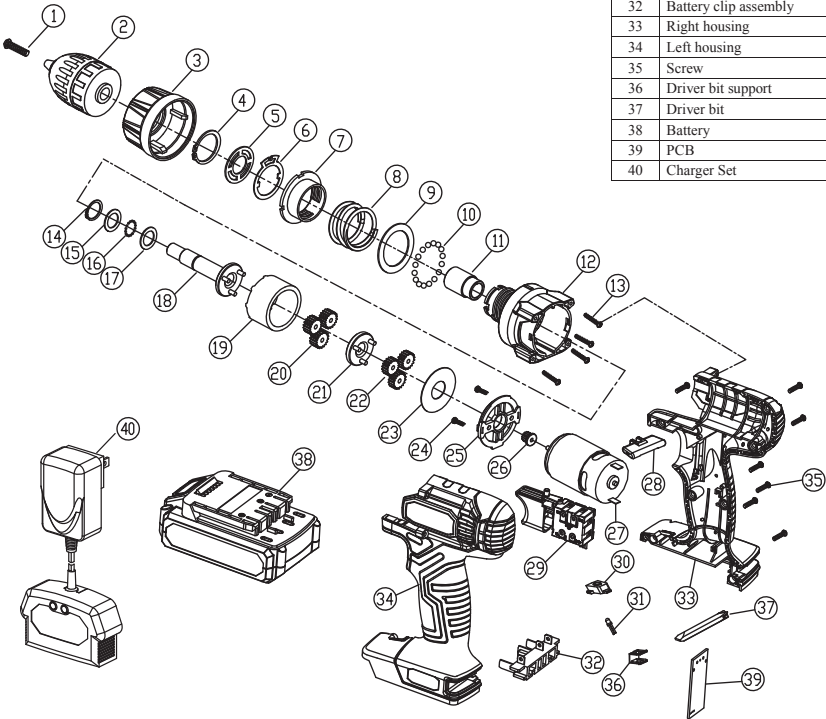
SPECIFICATIONS

- 20V Max Li-ion battery
- 3/8"(10mm) keyless chuck
- No Load Speed: 0-600 RPM
- 15+1 position adjustable torque clutch
- Variable speed reversible trigger with electric brake
- Comfortable rubberized grip
- Build-in double-ended driver bit
- Bright LED work light
- 3 - 4 hours charging time

Includes:

- 20V Max Drill/Driver
- Double-end driver bit
- 20V Max Li-ion battery pack
- Charger
- Instruction manual

NO.	DESCRIPTION
1	Screw
2	Chuck
3	Torque setting ring
4	Shaft spring washer
5	Plate
6	Sounder
7	Threaded ring
8	Torsion spring
9	Adjustable washer
10	Steel ball
11	Shaft sleeve
12	Front gear box
13	Screw
14	Shaft spring washer
15	Shaft washer
16	Steel ball
17	Shaft washer
18	Shaft
19	Rear gear case
20	2 Class planet gear
21	2 Class planet support
22	1 Class planet gear
23	Washer
24	Screw
25	Motor connecting piece
26	Motor gear
27	DC motor
28	Forward / Reverse switch
29	Switch
30	LED transparent cover
31	LED light
32	Battery clip assembly
33	Right housing
34	Left housing
35	Screw
36	Driver bit support
37	Driver bit
38	Battery
39	PCB
40	Charger Set



HYPER TOUGH™ WARRANTY CARD

20V MAX Lithium-Ion Cordless Drill



Your details:

Name _____

Address _____

Phone _____ E mail _____

Date of purchase* _____

*We recommend you keep the receipt with this warranty card

Location of purchase _____

Description of malfunction:

Return your completed warranty card to:

American Customer Service

5805C Peachtree Corners

East Norcross,

GA 30092, U.S.A 30092

E-mail:

acs@americancustomerservice.com

Customer Service

1 800 840 7856

ITEM # AQ75034G

PHONE LINES AVAILABLE

MONDAY THROUGH FRIDAY

8 AM - 5 PM EST

2
**YEAR LIMITED
WARRANTY**



Remember To Recycle

WARRANTY CONDITIONS

Dear Customer,

The **Hyper Tough warranty** offers you extensive benefits compared to the statutory obligation arising from warranty:

Warranty period: 2 years from date of purchase.

Costs: Free repair/exchange or refund.
No transport costs.

Please contact our service hotline by phone, e-mail or fax before sending in the device. This allows us to provide support in the event of possible operator errors.

In order to make a claim under the warranty, please send us:

- together with the faulty item the original receipt and the warranty card properly completed.
- the faulty product with all components included in the packaging.

The warranty does not cover damage caused by:

- Accident or unanticipated events (e.g. lightning, water, fire).
- Improper use or transport.
- Disregard of the safety and maintenance instructions.
- Other improper treatment or modification.

After the warranty period, you still have the possibility to have your product repaired at your own expense. If the repair or the estimate of costs is not free of charge you will be informed accordingly in advance.

This warranty does not limit the statutory obligation of the seller arising from a warranty. The period of warranty can only be extended in accordance with a legal standard. In countries where a (compulsory) warranty and/or spare part storage and/or a system for compensation are/is required by law, the statutory minimum conditions apply. In the event that a product is received for repair, neither the service company nor the seller will assume any liability for data or settings possibly stored on the product by the customer.



Remember To Recycle