

**Intex**

**ASG18V** LITHIUM-ION  
TECHNOLOGY

**Operation Manual**

操作手冊:頁

## General safety rules

Thank You for purchasing the Intex Auto Feed Screw Gun. Manufactured to high standard for dependability, properly cared for, it will give you years of trouble free performance.

### Important:

Carefully read through this entire owner's manual before using your new tool. Pay close attention to the Rules for Safe Operation, Warnings and Cautions. Use your tool properly and only for what it is intended. The use of safety symbols in this manual to attract your attention to possible dangers. The safety symbols, and the explanations with them, require your full understanding. The safety warnings do not by themselves eliminate any danger, nor are they substitutes for proper accident prevention measures.



**SYMBOL** This Safety Alert Symbol indicates caution, warning, or danger. Failure to obey a safety warning can result in serious injury to yourself or others. To reduce the risk of injury, fire, or electric shock always follow the safety precautions.

### know your tool

Safe operation of this tool requires that you read and fully understand this owner's manual and all labels affixed to the tool. Learn its applications and limitations as well as the potential hazards peculiar to a power tool. Keep this manual readily available for future reference.

### IMPORTANT

Servicing of a tool requires extreme care and knowledge and should be performed only by a qualified service technician. For service or repair contact and Authorized Service Centre.



**CAUTION** Do not attempt to operate this tool until you have thoroughly read and completely understood all instructions, safety rules, etc., contained in this manual. Failure to comply can result in accidents involving fire, electric shock, or serious personal injury. Save the Owner's Manual and review frequently for continuing safe operation and for instructing others who may use this tool.



When using power tools, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the precautions following.

## READ ALL INSTRUCTIONS THOROUGHLY

### GENERAL SAFETY PRECAUTIONS

**Keep The Work Area clean.** Cluttered work areas and work benches invite injuries.

**Consider Work Area Environment.** Keep work area well lit. Do not use tool in presence of flammable liquids or gases.

**Guard Against Electrical Shock** By Preventing Body Contact With Grounded Surfaces. For example: pipes, radiators, ranges, refrigerator enclosures.

**Keep children Away.** Do not let visitors contact tool or extension cord. All visitors should be kept away from work areas.

**Store Idle Tools.** When not in use, tools should be stored in a dry, high and/or locked place out of the reach of children.

**Do Not Force Tool.** It will do the job better and safer at the rate for which it was intended.

**Wear proper Clothing.** Do not wear loose clothing or jewellery. They can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.

**Use Safety Glasses.** Also use face or dust mask if cutting operation is dusty.

**Secure Work.** Use clamps or a vice to hold work. It is safer than using your hand and it frees both hands to operate the tool.

**Do Not Overreach.** Keep proper footing and balance at all times.

**Maintain Tools With Care.** Keep tools sharp and clean for better and safer performance. Follow instructions for lubricating and changing accessories. Keep handles dry, clean and free from oil and grease.

**Disconnect Battery Pack.** When not in use, before servicing and when changing accessories such as blades, bits and cutters.

**Remove Adjusting Keys And Wrenches.** Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.

**Avoid Unintentional Starting.** Do not carry the tool with your finger on the switch. Be sure switch is off when installing battery pack or bits.

**Stay Alert.** Watch what you are doing. Use common sense. Do not operate tool when you are tired.

**Check Damaged Parts.** before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may alter its operation. Any part that is damaged should be properly repaired or replaced by an Authorized Service centre. Have defective switches replaced at an Authorized Service Centre. Do not use tool if switch does not turn it on and off.



**WARNING:** The operation of any tool can result in foreign objects being thrown into your eyes, which can result in severe eye damage. Before operating power tool, always wear safety goggles or safety glasses with side shields and a full face shield when needed. We recommend Wide Vision Safety Mask for use over eyeglasses or standard safety glasses with side shields.

# General safety rules

**WARNING:** Read and understand all instructions. Failure to follow all instructions listed below, may result in electric shock, fire and/or serious personal injury.

## SAVE THESE INSTRUCTIONS

### Work Area

- Keep your work area clean and well lit. Cluttered benches and dark areas invite accidents.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep bystanders, children, and visitors away while operating a power tool. Distractions can cause you to lose control.

### Electrical Safety

- A battery operated tool with integral batteries or a separate battery pack must be recharged only with the specified charger for the battery. A charger that may be suitable for one type of battery may create a risk of fire when used with another battery.

### Personal Safety

- Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use tool while tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating power tools may result in serious personal injury.
- Dress properly. Do not wear loose clothing or jewellery. Contain long hair. Keep your hair, clothing, and gloves away from moving parts. Loose clothes, jewellery, or long hair can be caught in moving parts.
- Avoid accidental starting. Be sure switch is not depressed before inserting battery pack. Carrying tools with your finger on the switch or inserting the battery pack into a tool with the trigger depressed invites accidents.
- Remove adjusting keys or wrenches before turning on the tool. A wrench or a key that is left attached to a rotating part of the tool may result in personal injury.
- Do not overreach. Keep proper footing and balance at all times. Proper footing and balance enable better control of the tool in unexpected situations.
- Use safety equipment. Always wear eye protection. Dust mask, non-skid safety shoes, hard hat, or hearing protection must be used for appropriate conditions.

### Tool Use and Care

- Use clamps or other practical ways to secure and support the work piece to a stable platform. Holding the work by hand or against your body is unstable and may lead to loss of control.
- Do not force tool. Use the correct tool for your application. The correct tool will do the job better and safer at the rate for which it is designed.
- Do not use tool if switch does not turn it on or off. A tool that cannot be controlled with the switch is dangerous and must be repaired.
- Disconnect battery pack from tool or place switch in locked or off position before making any adjustments, changing accessories, or storing the tool. Such preventive safety measures reduce the risk of the tool starting accidentally.

- Store idle tools out of reach of children and other untrained persons. Tools are dangerous in the hands of untrained users.
- When battery pack is not in use, keep it away from other metal objects like: paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another. Shorting the battery terminals together may cause sparks, burns, or a fire.
- 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. Keep handles dry, clean and free from oil and grease.
- Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation and safety. If damaged, have the tool serviced before using. Many accidents are caused by poorly maintained tools.
- Use only accessories that are recommended by the manufacturer for your model. Accessories that may be suitable for one tool may create a risk of injury when used on another tool.

### Service

- Tool service must be performed only by qualified repair personnel. Service or maintenance performed by unqualified personnel may result in a risk of injury.
- When servicing a tool, use only identical replacement parts. Follow instructions in the Maintenance section of this manual. Use of unauthorized parts or failure to follow Maintenance Instructions may create a risk of shock or injury.
- 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 the exposed metal parts of the tool "live" and shock the operator.

### SPECIFIC SAFETY RULE AND/OR SYMBOLS

- **SAVE THESE INSTRUCTIONS** This manual contains important safety and operating instructions for battery(B186) & charger(C186).

### SAFETY RULES FOR CHARGER & BATTERY CARTRIDGE

- Before using battery(B186) & charger(C186), read all instructions and cautionary markings on (1) battery charger, (2) battery, and (3) product using battery.



**CAUTION:** To reduce risk of injury, charge only batteries. Other types of batteries may burst causing personal injury and damage.

# General safety rules

- Do not expose charger to water, rain or snow.
- Use of an attachment not recommended or sold by the battery charger manufacturer may result in a risk of fire, electric shock, or injury to persons.
- To reduce risk of damage to electric plug and cord, pull by plug rather than cord when disconnecting charger.
- Make sure cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
- An extension cord should not be used unless absolutely necessary. Use of improper extension cord could result in a risk of fire and electric shock. If extension cord must be used, make sure:
  - a. That pins on plug of extension cord are the same number, size, and shape as those of plug on charger;
  - b. That extension cord is properly wired and in good electrical condition; and
  - c. That wire size is at least as large as the one specified in the table.
- Do not operate charger with damaged cord or plug. If damaged, have replaced immediately by a qualified serviceman.
- Do not operate charger if it has received a sharp blow, been dropped, or otherwise damaged in any way; take it to a qualified serviceman.
- Do not disassemble charger or battery cartridge; take it to a qualified serviceman when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.
- To reduce risk of electric shock, unplug charger from outlet before attempting any maintenance or cleaning.

## ADDITIONAL SAFETY RULES FOR CHARGER & BATTERY CARTRIDGE

Do not charge battery cartridge when temperature is BELOW 10°C (50°F) or ABOVE 40°C (104°F).

- Do not attempt to use a step-up transformer, an engine generator or DC power receptacle.
- Do not allow anything to cover or clog the charger vents.
- Do not use tool without Danger Label on tool. If label is missing, damaged or unreadable, contact your representative to obtain a new label at no cost.
- Do not operate charger with damaged cord or plug. If damaged, have replaced immediately by a qualified service man.

## SPECIFICATIONS

Rated Voltage	DC 18V
Drill capacity	#6 -#9 3/4"(19mm)~2 3/16"(55mm)
No load speed	0~4800 min <sup>-1</sup>
Fastener capacity	50 Screws / one strip
Vibration	Less than 2.5m/sec <sup>2</sup>
Battery Model No	B186 Lithium-ion
Charger Model No	C186

## PRECAUTIONS ON USING YOUR CORDLESS TOOL

This product contains batteries which must be disposed of properly.

1. Be aware that this tool is always in an operating condition, because it does not have to be plugged into an electrical outlet.
2. Fully charge the battery for better operation.
3. Be sure the battery is snapped in place.
4. When not in use, lock the switch.
5. When operating at a high place, be aware of things below and around you.
6. Before drilling into walls, ceilings, or floors, ensure that there are no concealed power cables inside.

## IMPORTANT SAFETY INSTRUCTIONS FOR CHARGER

### Save These Instructions

Input: Only use the rated voltage marked in charger.

### IMPORTANT SAFETY INSTRUCTIONS FOR CHARGER

1. Charging Output : MAX DC21V  
Charging Current : MAX 2.8A  
Charging time : 3.0Ah : 68min  
Charging Input : 120 V 60HZ

**NOTE:** The charging time may vary according to an ambient temperature and power source voltage.

2. Before charging, study the instruction sheet;
  3. Disconnect the supply before making or breaking connections to the battery;
  4. For indoor use or do not expose to rain (for ordinary battery chargers).
  5. Correct use: Universal fast chargers are to be used exclusively for charging 18V serious rechargeable battery packs. Any other may result in risk of fire, electric shock or electrocution. The user bears sole responsibility for any damage caused by inappropriate use. The generally recognized accident prevention regulations and the safety instructions which accompany them must be adhered to.
- Use only C186 chargers for charging System B186 packs. Do not use battery packs from other systems. The following battery packs can be charged with this charger.

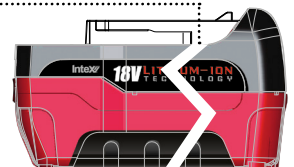


**DANGER:** High voltage present at charging terminals. Do not probe with conductive objects. Danger of electric shock or electrocution.











**DANGER:** If battery pack case is cracked or damaged, do not insert into charger. Danger of electric shock or electrocution.

Cracked



# General safety rules

LED INDICATOR	BATTERY PACK	RED LED	GREEN LED	ACTION
 <b>HI/LO TEMP. (SEE MANUAL)</b> 	Hot/Cold battery	On	Off	Charging will begin when battery returns to 32°F (0°C)-104°F (40°C)
 <b>DEFECTIVE BATTERY</b> 	Defective	Flashing	Off	Battery pack or Charger is defective
 <b>BATTERY CHARGING</b> 	Charging	Off	Flashing	Charging
 <b>BATTERY FULL</b> 	Fully charged	Off	On	Charging is complete Maintenance charging

### CHARGING A HOT BATTERY PACK

If the battery pack is above normal temperature range, the red LED will be lit and the green LED will be off. When the battery pack cools down to approximately 104°F (40°C), the Charger will automatically begin charging.

### CHARGING A COLD BATTERY PACK

If the battery pack is below the normal temperature range, the red LED will be lit and the green LED will be off. When the battery warms to a temperature of more than 32°F (0°C), the Charger will automatically begin charging.

### DEFECTIVE BATTERY

If the Charger detects a problem, the red LED will begin flashing and the green LED will be off.

- If defective, remove and reinsert the battery pack in the Charger. If the LED status reads “defective” a second time, try charging a different Lithium-Ion battery pack.
- If a different Lithium-Ion battery pack charges normally, dispose of the defective battery pack (see Maintenance section).
- If a different Lithium-Ion battery pack also indicates “defective,” the Charger may be defective.

### BATTERY CHARGING

If the battery pack is within normal temperature range, the green LED will begin flashing and the red LED will be off. The Lithium-Ion battery pack will reach a full charge. The POWER BAR LED lights will cycle right to left during charging. This is part of the normal charging operation. The POWER BAR LED lights will not be displayed when the POWER BAR button is pressed while the battery pack is on the Charger.

### BATTERY FULL

If the battery pack is within normal temperature range, the green LED will be lit and the red LED will be off. The Lithium-Ion battery pack is fully charged and ready to use. The battery pack will fully charge, but will not overcharge, if left on the Charger. The POWER BAR LED lights will not be displayed when the POWER BAR button is pressed while the battery pack is on the Charger.

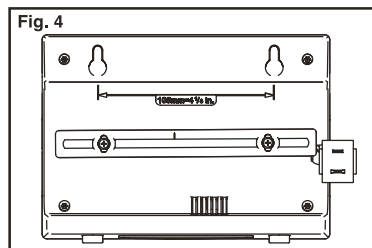
**NOTE: Charger may warm up with several continuous charge cycles. This is part of the normal operation of the Charger. Charge in a well ventilated area.**

### WALL-MOUNT CAPABLE

The Charger has a key-hole hanging feature for convenient storage. Screws should be installed so that the center distance is 4 1/8-in. Use appropriate wall fasteners to accommodate the combined weight of the Charger and battery pack. (approximately 3.5 lbs.)

### CORD WRAP

The Charger is equipped with a cord wrap on the rear of the unit. Utilize this feature to minimize workspace clutter and hazards.



# Operation

**WARNING:** Before attempting to use any tool, make sure you are familiar with all operating features and safety requirements.



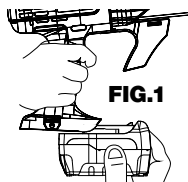
- A** Adjustable Nose Piece
- B** Belt Hook
- C** Forward / Reverse Switch
- D** Cushioned Trigger
- E** Press Button to Release the attachment
- F** Screw Guard
- G** Comfortable Grip
- H** Charger



- I** Press down the adjustment button to adjust screw nail size
- J** Depth of Drive Control
- K** Main screwdriver
- M** Battery
- L** Carbon brush

## BATTERY CHARGING

To charge the battery pack it must first be removed from the drill. To remove the battery pack, grasp both sides of the battery pack and depress that battery clips as shown in Fig 1. Now gently pull the battery pack from the housing.



**WARNING:** Excessive tightening by hand may damage the screw.

## • FORWARD REVERSE SWITCH

This switch determines the direction of rotation of the bit, ie. clockwise or counter clockwise. To alter the direction of rotation stop the drill then push the selection lever to the left of right. When the lever is in the "F" (Forward) position the bit will rotate clockwise. When the lever is in the "R" (Reverse) position the bit will rotate counter clockwise. Before operation check that the switch is set in the required position.



## • TRIGGER

When the trigger is depressed the bit will rotate (provided the forward/ reverse switch is set in the forward or reverse position)The trigger can be locked in the OFF position. This helps reduce the possibility of accidental starting when not in use. To lock trigger, place selection lever in the center position.



**WARNING:** Be prepared for binding or break through. When these situations occur, the drill has a tendency to grab and kick in the opposite direction, and could cause loss of control. If you are not prepared, this loss of control can result in possible serious injury.

**WARNING:** Always wear safety goggles or safety glasses with side shields when operating tool. Failure to do so could result in objects being thrown into your eyes, resulting in possible serious injury.

**WARNING:** Read all instructions Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury. The term "power tool" in all of the warnings listed below refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

**WARNING:** Read section titled 'Safety Warnings' before maintaining tool.

For best results, charge new battery before using. Loading the Tool: Check to be sure the heads of the screws are resting on top of the plastic collation material. This will prevent damage to the strip guide. Check for proper fastener length setting. Feed the strip into the strip guide. The screw guard may be removed to simplify the loading process.

Move the strip forward until the 2nd empty slot is aligned with the bit. This will allow for the proper strip advancement once the nose piece is depressed.

To remove the strip, pull it through from the top of the nose piece. Whenever possible, hold the tool at a right angle to the work surface.

Pull the trigger to start the motor. Press the nose piece, with constant force, against the work surface. Do not remove the tool from the work surface until the clutch disengages and the bit stops rotating, signalling a fully driven screw. Continue to allow the motor to run. The next screw will be automatically fed into place when the tool is depressed against the work surface.

This tool is equipped with a depth control adjustment. Test drive one screw before finalizing the depth to ensure appropriate countersink. Adjust the countersink by turning the depth adjustment thumb wheel: Refer to the graphics on the tool for proper direction.

This tool has a depth-sensing clutch. When the screw is countersunk to the pre-set depth, it automatically disengages and makes a click or ratcheting sound. This is normal and signals completion of the drive.

When the battery is low or the drive requires too much torque, the tool may stall at the bottom of the drive (before the clutch can disengage). Continuous operation in this manner can cause over-heating and permanent damage.

Switch tool from forward to reverse: To switch to reverse, push reverse button. Remove the strip, pull it through from the top of the nose piece.

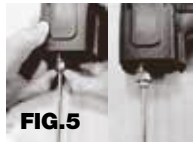
Depress nose piece while inserting bit into screw. Maintain forward pressure on tool. Pull the trigger to start motor.

Changing the bit: Due to wear or damage, the bit will need to be replaced periodically or when changing from Phillips to Square Drive fasteners.

- Press the button to disassemble the nail box(Fig.4)



- Material assembly and dismantling explanation: Push down the flexible shaft and load the bit(Fig.5)



- Push the nail box to be fitted closely with the screwdriver. (Fig.6)



- Press the button to assemble the nail box (Fig.7)



- Operation explanation: Adjusting the nail box to the suitable measurement according to the screw size (there's scale on the plate and just press down the adjustment button to adjust screw nail size)(Fig.8)



- Push the nail band along the bottom chute.(Fig.9)



- Push the nail band to the outlet,then close the guard cover and pull out the nail band.(Fig.10)



- Button the nail band tip on the nail-feeder gear socket.(Fig.11)



- Adjusting the nail to the suitable depth.(Fig.12)



- Operate the screwing process (same with the screwdriver process,the difference is don't need to support with hand and Auto-feeding). (Fig.13)







# PARTS LIST

CODE	Item No.	Description
ASG101	101	Anchor Block
ASG102	102	Adjust Axle
ASG103	103	Steel Ball
ASG104	104	Positioning Spring
ASG105	105	Special Screw
ASG106	106	Spring
ASG107	107	Gasket
ASG108	108	Magazine Assembly Casing
ASG109	109	Magazine Casing C'sunk Screw
ASG110	110	Magazine Slide Guider
ASG111	111	Magazine Ass'y Main Spring
ASG112	112	Location Block
ASG113	113	Nose Piece Case - Left
ASG114	114	Nose Piece Gasket - Small
ASG115	115	Nose Piece Guide Bushing Unit
ASG116	116	Nose Piece Spring
ASG117	117	Nose Piece Gear - Small
ASG118	118	Nose Piece Screw
ASG119	119	Nose Piece Gear A
ASG120	120	Nose Piece Locating Wheel
ASG121	121	Nose Piece Gear B
ASG122	122	Nose Piece Collar
ASG123	123	Nose Piece Gasket - Large
ASG124	124	Nose Piece Pin - Small
ASG125	125	Nose Piece Flat Washer
ASG126	126	Nose Piece Positioning Sheet
ASG127	127	Nose Piece 2 Prong Spring
ASG128	128	Nose Piece Pin - Large
ASG129	129	Nose Piece Latch Spring Bushing
ASG130	130	Nose Piece Stopper
ASG131	131	Nose Piece Case - Right
ASG132	132	Nose Piece Socket Head Bolt
ASG133	133	Magazine Assembly Arm
ASG134	134	Magazine Assembly Arm Spring
ASG135	135	Slide Guide Roller

CODE	Item No.	Description
ASG136	136	Slide Guide Roller Screw
ASG137	137	Belt Guide Tap Bolt
ASG138	138	Belt Guide Socket Head Bolt
ASG139	139	Belt Guide Cover - Left
ASG140	140	Strip Guide Cover - Right
ASG141	141	Mag Assy Half Round Hex Bolt
ASG142	142	Mag Assembly Positioning Clip
ASG143	143	Rubber Nose Protector
ASG144	144	Magazine Assembly Stopper
ASG145	145	Magazine Stopper C'sunk Screw
ASG201	201	Driver Bit
ASG301	301	Casing Screw
ASG302	302	Gun Body - Right
ASG303	303	Forward Reverse Lever
ASG304	304	Latch Spring Bushing
ASG305	305	Clutch Unit
ASG306	306	Motor Spring
ASG307	307	Planetary Gear Unit
ASG308	308	Gear Box
ASG309	309	Motor
ASG310	310	Safety Unit
ASG311	311	Safety Unit Collar
ASG312	312	Trigger Switch Unit
ASG313	313	Connector Unit
ASG314	314	Gun Body - Left
ASG315	315	Holder Lock Nut
ASG316	316	Holder Clip
ASG317	317	Holder Retaining Screw
ASG318	318	Battery Unit
ASG401	401	Charger Unit



[intexinternational.com](http://intexinternational.com)

Giraffe®, starmix®, Useit® & Jost® are registered Trademarks of Intex International.  
The information contained in this brochure was correct at the time of printing. E&OE