

**SFS** intec

**SFS**

**Panelmaster™**

# Instruction Manual

**⚠ WARNING**

THIS MANUAL CONTAINS SAFETY INFORMATION. READ MANUAL COMPLETELY BEFORE USING THIS PRODUCT. SAVE THESE INSTRUCTIONS FOR FUTURE USE.

**Employer must enforce compliance with the safety instructions contained in this manual. Keep this manual available for use by all people assigned to use the tool.**

# Safety Instructions/Warnings

## **⚠ WARNING**

### **Working area**

**Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks that 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**

**Do not abuse the cord. Never use the cord to carry the tools or chargers, 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. Damaged cords may create a fire.

**A battery-operated tool with integral batteries or a separate battery pack must be recharged only with the recharger 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.

**Use battery-operated tool only with specifically designated battery pack.**

Use of any other types of batteries may create a risk of fire.

### **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 jewelry. Contain long hair.**

Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry 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 switch depressed invites accidents.

**Do not overreach.** Keep proper footing and balance at all times. Proper footing and balance enable better control of the tool in unexpected situations.

# Safety Instructions/Warnings

## **⚠ WARNING**

### **Personal safety**

**Use safety equipment. Always wear eye protection.**

Failure to do so could result in personal injury.

### **Tool use and care**

**Do not use tool if switch does not turn it on or off.** Any 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 hand 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.

**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. Poorly maintained tools cause many accidents.



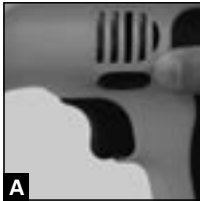
**Tool components**

- |                   |                          |                                    |
|-------------------|--------------------------|------------------------------------|
| 1. Drive unit     | 6. Tool body handle      | 11. Spray lubricant                |
| 2. Tool body      | 7. Battery charger       | 12. Extension handle               |
| 3. Driveshaft     | 8. Extra battery         | 13. Parts bag—extra bits, wrenches |
| 4. Flat footpiece | 9. Extension tube—short* |                                    |
| 5. Rib footpiece  | 10. Extension tube—long* | * one extension per kit            |

**1. Preparing the tool for operation**

**1.1 Open tool kit case**

Remove tool unit from case. Ensure the direction switch (A) on the drive unit is set in the lock (middle) position.



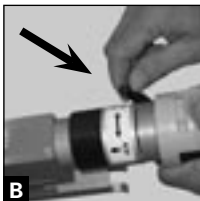
**1.3 Attach tool hand grip**

(Perform this step if not using extension tube piece) Thread hand grip into left or right hand side of tool body based on operator preference (C).



**1.2 Confirm drive bit**

Remove tool body from drive unit. Loosen the clamping holding the two components together (B). Separate the two parts. The drive shaft will be attached to the drive unit. Inspect the drive bit for correct size based on fasteners to be installed. If incorrect size, see step 6. Reattach drive unit to tool body. Collar flange of tool body must be tight against drive unit housing. Tighten clamp.



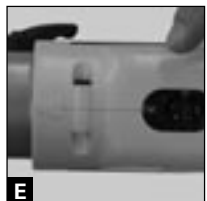
**1.4 Inspect and set footpiece**

Confirm correct footpiece is attached. Set footpiece depth based on fastener length to be installed, 1" through 3" in half-inch increments. Loosen knurled screw and slide footpiece to correct length (D). Retighten screw.



**1.5 Drive unit speed**

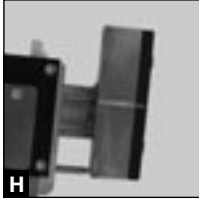
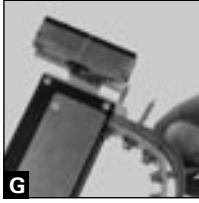
Drive unit has two speeds—1 and 2. The unit must always be set in the 2 position for proper operation of this tool with the number 2 being clearly visible (E).



## 2. Loading the tool

### 2.1 Insert belt into track

With the drive unit in lock position, and the tool in an angled upright position, load the belt into the bottom of the track (F). Slide it until it meets the tool body, inserting the belt end into the slots (G). Push the belt forward until two clicks are heard. The fastener should then be lined up with white line on the footpiece (H). Never pull the belt backwards as it will damage the belt feed system. Always move belt forward.



## 3. Fastener installation

### 3.1 Set direction

Switch the drive unit direction button (Ref. A) to forward.



### 3.2 Start drive unit

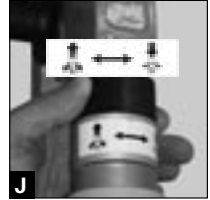
Press and hold trigger. Set the tool footpiece on panel (I). Push down on tool, compressing the unit fully. A ratcheting sound may be heard, signifying the seating of the fastener

and disengagement of the drive unit clutch. The tool is then allowed to rise up to the full level. This is the complete cycle required for fastener installation. The tool should be kept running for the duration of the full belt quantity to optimize battery life. This will also ensure the tool is running before tool compression. Failure to start the drive unit prior to tool compression can lead to misfeeds or fastener jamming.

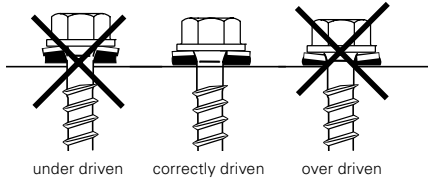
## 4. Fastener depth adjustment

### 4.1 Adjustments

After the first fastener is installed, check the fastener for proper depth setting. If the washer is not compressed correctly, it needs to be set lower. Turn the black setting ring to the right (J). Install another fastener and check again. If the washer is compressed too much, reduce depth by turning the setting ring to the left.



### 4.2 Proper Installation



## 5. Replacing belts

5.1 Always remove the belts in the direction of the transport, (K) ensuring complete removal. Then reload as per step 2.1.



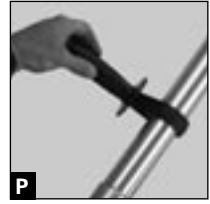
## 6. Replacing the drive bits

**6.1** Remove battery from drive unit. Detach tool body from drive unit by loosening clamp as in step 1.2. Remove drive shaft from drive unit with a swift pull. Never use pliers or visegrips on driveshaft as damage may occur to shaft.



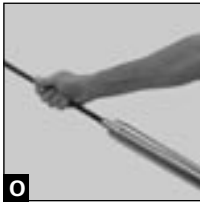
**6.2** For Hex drive bits, insert one bit tool into the hole in the drive shaft and one into the drive bit (L). For Torx® drive bits, insert one bit tool into the hole in the drive shaft and apply 1/4" hex wrench to Torx bit (M). Turn counterclockwise to unthread the bit from the shaft. Thread the new bit onto the driveshaft and tighten using the appropriate tools. Reconnect the tool body with the drive unit as per step 1.2.

and pull back on driveshaft to seat it properly into the extension piece. Slide hand grip onto shaft of extension piece, moving it about half way up before tightening it (P). Remove tool hand grip from tool body. Attach tool body to extension piece (Q). Operator should hold tool in installation position to determine if hand grip is at a correct position based on operator preference. Loosen, adjust, and retighten as necessary. Follow steps 1.4 through 4.1 for properly setting up tool. Some depth adjustments may be necessary when adding or removing extension pieces.



## 7. Adding extension pieces

**7.1** Set drive unit switch to the lock position. Detach the tool body from the drive unit. Detach the drive shaft from the drive unit with a swift pull. Attach extension piece (N) to the drive unit and tighten clamp. Collar flange of extension must be tight against drive unit housing. Attach drive shaft to the end of the extension piece (O). By holding drive shaft in one hand, turn drive unit to forward, pull trigger,



## 8. Changing the footpiece

**8.1** Turn the knurled screw counterclockwise to detach from the tool body. Slide footpiece out. Replace with other footpiece. Tighten knurled screw (Ref. D).

## 9. Maintenance

**9.1** Tool should be kept clean of dirt and debris as much as possible. Before returning tool to the case, it should be wiped down with a dry cloth. Special attention is to be paid to areas of sliding parts. Supplied lubricant should be sprayed into footpiece jaws. Excess to be wiped off.

# Troubleshooting

Symptom	Corrective action
1. Two fasteners stuck in the footpiece.	1. Remove the foot unit. Remove the belt in the direction of transport and remove fastener(s).
2. Fastener belt not feeding.	2. Remove belt and reinstall per step 2.1.
3. Reduced installation power. Reduced revs.	3. Insert fresh battery. Make sure drive unit speed is set in position 2 per step 1.5.
4. Tool does not return to start position.	4. Check for jammed screws or driveshaft and correct per #1 above.

**For technical assistance, contact the SFS Panelmaster Tool Hotline at 1-888-898-5102**

# WARRANTY STATEMENT

SFS intec's sole liability hereunder will be to replace any part or accessory which proves to be defective within the time period of ONE YEAR from the date of original sale by SFS intec. Any replacement part or accessory provided in accordance with this warranty will carry a warranty for the balance of the period of warranty applicable to the part it replaced.

This warranty is void as to any tool which has been subjected to misuse, abuse, accidental or intentional damage, used with fasteners not meeting SFS intec specifications, improperly maintained, repaired with other than genuine SFS intec replacement parts, damaged in transit or handling, normal wear and tear, or which, in SFS intec's opinion, has been altered, modified, or repaired in a way that affects or detracts from the performance of the tool.

SFS INTEC MAKES NO WARRANTY, EXPRESSED OR IMPLIED, RELATING TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OTHERWISE, EXCEPT AS STATED ABOVE, AND SFS INTEC'S LIABILITY AS STATED AND ASSUMED IN LIEU OF ALL OTHER WARRANTIES ARISING OUT OF THE USE OF, OR IN CONNECTION WITH, THE USE AND PERFORMANCE OF THE TOOL, EXCEPT TO THE EXTENT OTHERWISE PROVIDED FOR BY APPLICABLE LAW. SFS INTEC SHALL IN NO EVENT BE LIABLE FOR ANY DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES FROM THE SALE OR USE OF THE PRODUCT, INCLUDING BUT NOT LIMITED TO, DAMAGES, WHICH MAY ARISE FROM LOSS OF ANTICIPATED PROFITS OR PRODUCTION, SPOILAGE OF MATERIAL, INCREASED COST OF OPERATION OR OTHERWISE.

**For technical assistance, contact  
the SFS Panelmaster Tool Hotline  
at 1-888-898-5102**

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