

# DEVON<sup>®</sup>大有

型号：5611-Li-4



中国 充电螺丝批

GB Cordless Screwdriver

各产品外观之间可能存在差异，请以实物为准

专业电动工具

# PROFESSIONAL TOOLS

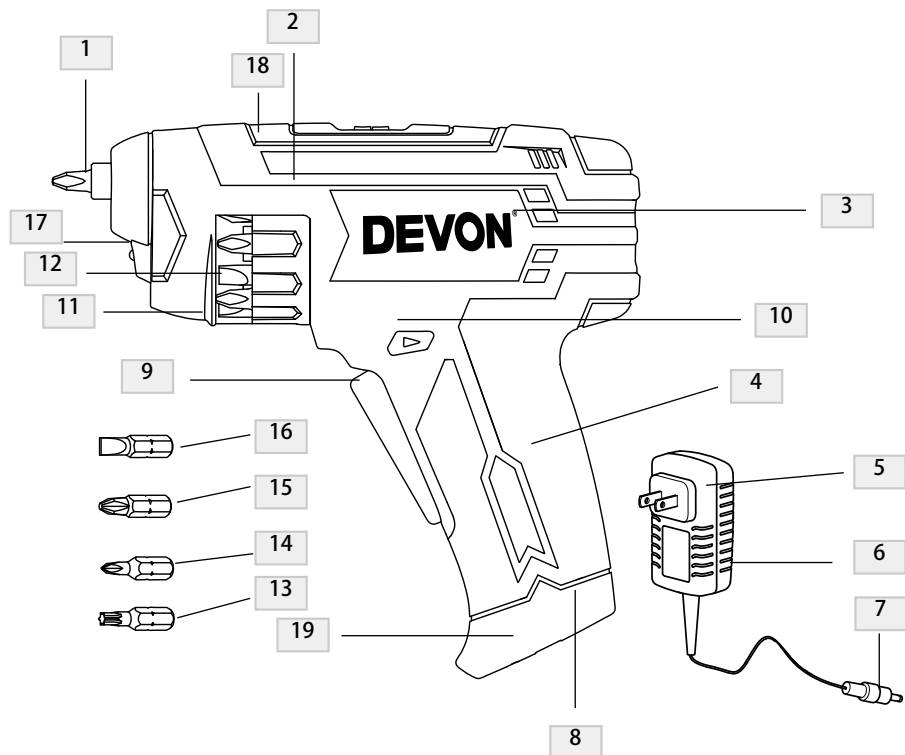
大有工具 “劲”在掌握

# 充电螺丝批简介



本电动工具适用25毫米的批头转入/转出螺丝。该产品不适合在材质比较硬的木头上工作，或用于大尺寸的螺钉；不可用于钻孔，不可用于在危害健康的材质上使用。

## 1、操作控制




- |            |                 |
|------------|-----------------|
| 1. 夹头      | 10. 正反转换按钮      |
| 2. 推送滑盖    | 11. 批头转换轮       |
| 3. 通风孔     | 12. 批头库         |
| 4. 把手      | 13. 梅花形批头 (x3)  |
| 5. 充电器     | 14. PH十字批头 (x3) |
| 6. 电源指示灯   | 15. PZ十字批头 (x3) |
| 7. 充电器DC插头 | 16. 一字批头 (x3)   |
| 8. 充电插孔    | 17. 工作照明灯       |
| 9. 起停开关    | 18. 批头视窗        |
|            | 19. 充电指示灯       |


### 注意:

- 1) 当电池由于电流过大或者温度过高而被系统保护后，需要将电池插到充电器上进行短时间充电后，电池才可恢复功能；
- 2) 当长时间使用的时候，机器可能会过热，需要将机器冷却到合适的温度再使用，以免损坏机器。

2. 工具规格

型号	5611-Li-4
输入电压（伏）	4 
空载转速（/ 分钟）	220
最大扭矩（牛顿米）	5
最大夹头直径（毫米）	6.35
重量（千克）	0.55
蓄电池类型	锂蓄电池
充电器电压（伏）	220-240,50~60 赫兹
输出电压（伏）	4.2
输出电流（安培）	1.8

注：为求改进，本说明书所载规格可能不预先通告而给予更改。

 **警告：**使用前请仔细阅读产品说明书，了解工具的性能、正确使用的方法及场合。务必确保使用前要熟悉所有的操作要点和安全手册。

# 安全操作须知



**警告：**阅读所有警告和所有说明。没有按照以下列举的警告或说明而使用或操作将导致触电、着火和 / 或严重伤害。在所有以下列举的警告中术语“电动工具”指市电驱动（有线）电动工具或蓄电池驱动（无线）电动工具。

## 保存这些说明

### 1. 工作场地

- 1) 保持工作场地清洁和明亮。混乱和黑暗的工作地会引发事故。
- 2) 不要在易爆环境，如有易燃液体、气体或粉尘的环境下操作电动工具。电动工具产生的火花会点燃粉尘或气体。
- 3) 让儿童和旁观者离开并操纵电动工具。分心会使您放松而失去控制。

### 2. 电气安全

- 1) 电动工具插头必须与插座相配。绝不能以任何方式改装插头。需接地的电动工具不能使用任何转换插头。未经改装的插头和相配的插座将减少触电危险。
- 2) 避免人体接触接地表面，如管道、散热片和冰箱。如果您身体接地会增加触电危险。
- 3) 不得将电动工具暴露在雨中或潮湿环境中。水进入电动工具将增加触电危险。
- 4) 不得滥用电线。绝不能用电线搬运、拉动电动工具或拔出其插头。让电动工具远离热、油、锐边或运动部件。受损或缠绕的电线会增加触电危险。
- 5) 当在户外使用电动工具时，使用适合户外使用的外接电线。适合户外使用的电线将减少触电危险。
- 6) 当在潮湿环境下使用该机器不可避免时，使用剩余电流装置（RCD）保护。剩余电流装置的使用可以减少触电的危险。

### 3. 人身安全

- 1) 保持警觉，当操作电动工具时关注所从事的操作并保持清醒。切勿在有疲倦、药物、酒精或治疗反应下操作电动工具。在操作电动工具期间精力分散会导致严重人身伤害。

- 2) 使用安全装置。始终配戴护目镜。安全装置，诸如适当条件下的防尘面具、防滑安全鞋、安全帽、听力防护等装置能减少人身伤害。
- 3) 避免突然起动。确保开关在插入插头时处于关断位置。手指放在已接通电源的开关上或开关处于接通时插入插头可能会导致危险。
- 4) 在电动工具接通之前，拿掉所有调节钥匙或扳手。遗留在电动工具旋转零件上的扳手或钥匙会导致人身伤害。
- 5) 手不要伸得太长。时刻注意脚下和身体平衡。这样在意外情况下能很好地控制电动工具。
- 6) 着装适当。不要穿宽松衣服或佩带饰品。让您的头发、衣服和袖子远离运动部件。宽松衣服、佩饰或长发可能会卷入运动部件。
- 7) 如果提供了与排屑装置、集尘设备连接用的装置，则确保他们连接完好且使用得当。使用这些装置可减少碎屑引起的危险。
- 8) 使用夹钳或其他方法将工件固定在平台上。用手握机器或将机器倚靠在身体上导致不平衡可引起失控。
- 9) 不要使用梯子或其他不稳定的支撑方法。在特殊情况下，稳固的立足使使用更好的控制机器。
- 10) 使手保持干燥，清洁，无油脂。带油的手可能导致失控。
- 11) 经常佩戴有侧面护罩的护目镜。日常戴的眼镜可能有防冲击的镜头，但它们不是安全护目镜。遵循该注意事项将减少眼睛伤害。
- 12) 保护您的呼吸器官。当有尘工作时，佩戴防尘面具。遵循该注意事项将减少严重的身体伤害。
- 13) 保护您的听觉。在长时间持续工作中，需佩戴耳塞。遵循该注意事项将减少严重的身体伤害。

### 4. 电动工具使用和注意事项

- 1) 不要滥用电动工具，根据用途使用适当的电动工具。选用适当的设计额定值的电动工具会使您工作更有效、更安全。
- 2) 如果开关不能接通或关断工具电源，则不能使用该电动工具。不能用开关来控制的电动工具是危险的且必须进行修理。

- 3) 在进行任何调节、更换附件或贮存电动工具之前，必须从电源上拔掉插头和 / 或将蓄电池盒脱开电源。这种防护性措施将减少电动工具突然起动的危险。
- 4) 将闲置电动工具贮存在儿童所及范围之外，并且不要让不熟悉电动工具或对这些说明不了解的人操作电动工具。电动工具在未经训练的用户手中是危险的。
- 5) 保养电动工具。检查运动件的安装偏差或卡住、零件破损情况和影响电动工具运行的其他条件。如有损坏，电动工具必须在使用前修理好。许多事故由维护不良的电动工具引发。
- 6) 保持切削刀具锋利和清洁。保养良好的有锋利切削刀的刀具不易卡住而且容易控制。
- 7) 按照使用说明书以及打算使用的电动工具的特殊类型要求的方式，考虑作业条件和进行的作业来使用电动工具、附件和工具的头刀等。将电动工具用作那些与要求不符的操作可能会导致危险情况。
- 8) 保存此说明书。向使用该机器的使用者提供该说明书。如果将此机器出借给别人使用，也将此说明书一并借出。

#### 5、电池工具使用和注意事项

- 1) 只用制造商规定的充电器充电。将适用于某种电池盒的充电器用到其他电池盒时会发生着火危险。
- 2) 只使用电动工具配套的蓄电池。使用其他电池盒会发生损坏和着火危险。
- 3) 当电池盒不使用时，将它远离金属物体，例如回形针、硬币、钥匙、螺钉或其他小金属物体，以防一端与另一端连接。电池端部短路会引起燃烧或火灾。
- 4) 在滥用条件下，液体会从电池中溅出；避免接触。如果液体碰到了眼睛，还要寻求医疗帮助。从电池中溅出的液体会发生腐蚀和燃烧。

#### 6、维修


- 1) 将您的电动工具送交专业维修人员，必须使用同样的备件进行更换。这样将确保所维修的电动工具的安全性。
- 2) 当维修时，仅使用有标示的零部件。

- 3) 按照本说明书中维修部分操作。使用未经授权的零件或未按该说明书中的指示操作可能引发触电的危险。

## 蓄电池使用注意事项

- 1、安装蓄电池前，先确定开关是否位在关闭的位置，正逆转开关是否位于中间位置，以防意外地开动电动工具。提携电动工具时如果把手指按在起停开关上，或者安装蓄电池时未关闭电动工具，都可能造成工作意外。
- 2、切勿打开蓄电池。可能造成短路。
- 3、蓄电池必须远离高温，例如长期的日晒和火焰等。有爆炸的危险。过度使用或高温情况下，蓄电池可能有渗漏出现。
- 4、如果蓄电池坏了，或者未按照规定使用蓄电池，蓄电池中会散发有毒蒸汽。工作场所必须保持空气流通，如果身体有任何不适必须马上就医。蓄电池散发的蒸汽会刺激呼吸道。
- 5、损坏的蓄电池会渗出液体，并且污染其它的零件。检查被污染的零件。清洁这些零件，必要时得换新零件。
- 6、如果从蓄电池渗出的液体碰到皮肤，立即用肥皂水冲洗。然后用柠檬汁涂抹。
- 7、如果从蓄电池渗出的液体进入眼睛里，立即用清水冲洗至少 10 分钟，并就医。按照此规定可减少严重的身体伤害。
- 8、本蓄电池只能配合 **DEVON** 的电动工具一起使用。这样才能保证蓄电池不会过载。
- 9、不要撞击或损坏电池，不要使用被撞过或者损坏的电池。使用损坏的电池会导致爆炸。迅速处理损坏的电池。
- 10、不要在潮湿或者雨中充电。按此做法可减少触电的危险

## 充电器使用注意事项

 警告：为减少触电的危险及充电器、蓄电池的损坏，使用充电器上所列的锂电池可充蓄电池。使用其它型号的蓄电池可导致爆炸引起伤害。

- 1、使用该充电器前，仔细阅读该操作说明书及

贴在说明书上充电器的警告，以防止错用导致伤害的危险。

- 2、充电器不要在室外使用，必须远离雨水或湿气。如果让水渗入机器中，会提高产生电击的危险。
- 3、不可以使用本充电器为其它厂牌的电池充电。如未按照规定使用机器可能引起火灾甚至有爆炸的危险。
- 4、不要滥用充电器和电线。不要通过拎电线来提取充电器。从电源上拔除充电器时不应拖拽电线。否则可损坏充电器及电线，引起触电。立即更换电线。
- 5、确保电线放置在合适的位置，不会与锋利的边缘及移动的部位碰触，否则将会被损坏。这将减少电线被损坏，从而导致触电的危险。
- 6、将电线和充电器远离高温，防止损坏充电器外壳及内部零件。
- 7、不要让汽油，石油等物质与塑料部分接触。这些物质含有的化学成分可损坏，削弱，或毁坏塑料。
- 8、没有特殊需求不需要使用延长线。使用了不适合的延长线可导致火灾及触电。如果必须使用延长线，确保：延长线插座的插针数量，尺寸，形状与充电器的插座一致。该延长线有完好的布线条件。
- 9、不要使用电线或插座损坏的充电器，它可能导致短路，触电。若损坏了，将该充电器送至**DEVON**授权维修中心进行维修。
- 10、充电器被撞击或其它任何方式受损后，不要使用。将该充电器送至**DEVON**授权维修中心进行检查确认充电器是否完好。
- 11、不可擅自拆开充电器。充电器只能交给**DEVON**合格的专业电工修理。错误的重组可导致触电及火灾的危险。
- 12、维护或清洁充电器时，务必将其从插座上拔下来，按照这种做法可以减少触电的危险。
- 13、将不在使用的充电器从电源上拔除，这样可以减少触电的危险，或防止金属物质掉进插孔内，损坏充电器。
- 14、防止触电。不要碰触插座不绝缘部位。

## 充电螺丝批使用注意事项

1. 使用合适的侦测器，以便找出隐藏着的电源线的位置。或者向当地供电单位索取相关资料。钻穿电线会造成火灾并遭受电击。损坏瓦斯管会引起爆炸。如果水管被刺穿了会导致财产损失。
2. 如果安装在机器上的工具被夹住了，必须马上关闭电动工具并保持镇静。此时机器会产生极高的反应力矩，并进而造成回击。当以下情况时，安装在机器上的工具容易被夹住：
  - 电动工具超荷了
  - 安装在机器上的工具在工件中歪斜了。
3. 安装在机器上的工具可能割断隐藏的电线，一定要握住绝缘手柄操作电动工具。电动工具如果割断了带电的电线，机器上的金属部件会导电，并进而导致操作者触电。
4. 务必握紧电动工具。在拧紧和放松螺钉时，可能出现短暂的强大的反击。
5. 请戴护目镜及耳罩。穿着坚硬的鞋具。
6. 勿在雨中或潮湿的环境中使用本机器。
7. 使用该工具时配戴安全手套，防止被损伤。
8. 拆卸批头时佩戴手套，或先让批头及夹头冷却下来。持续工作后，批头会变的很烫。
9. 手指不要挡住电机通风口。工作中的热风从通风口散出。
10. 当螺钉被拧紧后立即松开起停开关，以防止螺钉受损。
11. 固定好工件。使用固定装置或老虎钳固定工件，会比用手持握工件更牢固。
12. 工作场所必须保持清洁。不同的工作尘经过混合后容易产生化学反应，十分危险。轻金属尘容易着火或引起爆炸。
13. 等待电动工具完全静止后才能够放下机器。机器上的工具可能在工作中被夹住，而令您无法控制电动工具。



**警告：** 充电螺丝批工作时产生的粉尘可能含有致癌或对人体有害的化学物质。例如：

■ 油漆中含的铅。

■ 砷和铬与木材起反应后也会产生有毒物质。

为了减少这些有毒的化学物质对人体的伤害，要尽量保证在通风的环境下工作，并且工作时配戴合格的安全保护装置。

## 配备

- 充电螺丝批 1个
- 充电器 1个
- 批头 12个

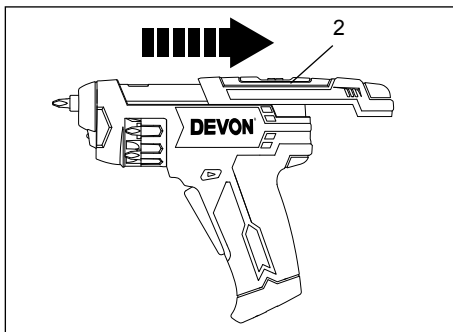
在某些国家或某些特殊的机型，其所提供的配备，可能与以上所给的资料稍有出入。

## 操作说明

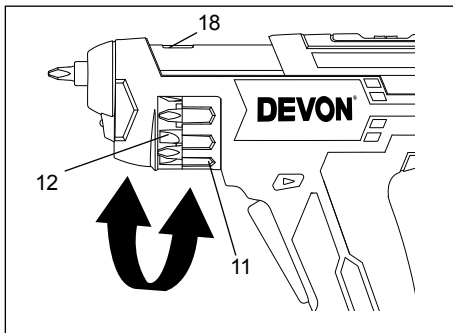
### 1. 批头

该机器有个批头库，内有 12 个不同形状的批头。不同的批头用于不同的螺钉。

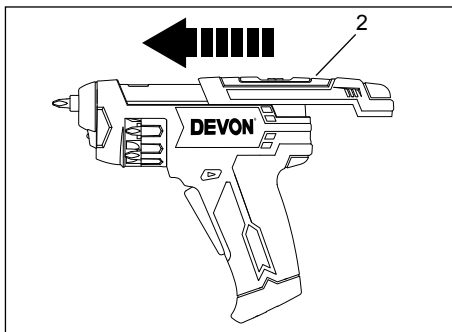
- 1) 用力将推送滑盖向机器尾部推，推至不能推了为止。



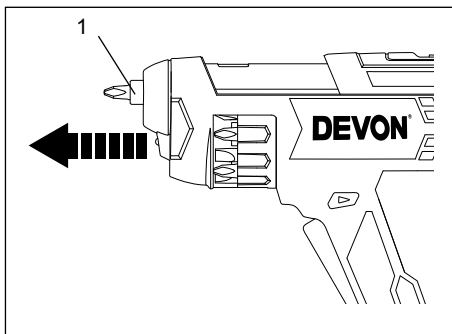
- 2) 转动批头转换轮，从批头视窗选择你所需要的批头。



- 3) 用力将推送滑盖向机器前部推，还原原来的位置。



- 4) 若要更换或拆卸批头，按照以上步骤，将批头安装至夹头内，从夹头上将批头拆卸，若要更换，在夹头内装入新的批头。




### 2. 充电

该机器采用的是内置电池，不可被插拔。该电池在出厂时部分被充电。初次使用前请充满电。

**注意：**该机器在使用过程中不能进行充电。


 **警告：**在安全的环境下充电，远离潮湿和发热源。

- 1) 将充电插头插进机器的充电插座内。
- 2) 将充电器连接到电源，电源指示灯亮红灯。

 **警告：**检查电压！电压必须与铭牌上的信息一致！

**注意：**充电过程中，充电器和机器把手会轻微发热，此为正常现象。如果产品充电不正常，

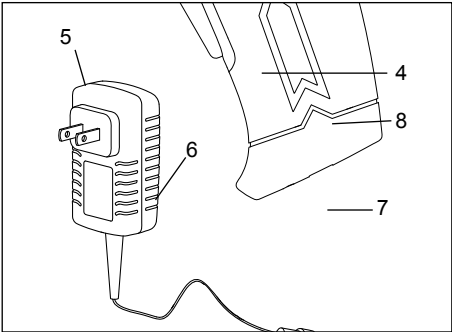
请检查各电子接触片是否带电。

 **警告：** 储存机器前，请将机器充满电。为减少火灾的危险，机器不要与充电器连接超过 24 小时。

3. 充电指示灯


产品上的指示灯显示充电状态。

指示灯颜色	状态
红	正在充电
绿	充电结束

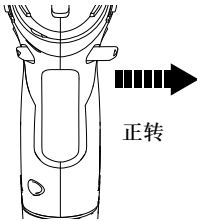

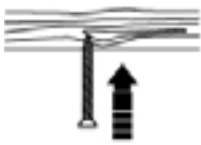
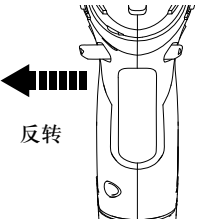

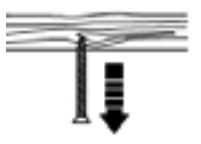
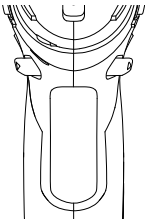




4. 改变转向

按下正反转拨钮改变批头旋转方向。

 **警告：** 只在机器处于关闭并完全停止旋转时改变转向。总是确保正反转拨钮根据实际操作需要调整在正确的位置。改变转向时，总是将正反转拨钮完全推到底，当正反转拨钮处于中间时，不要使用该机器。

- 1) 从操作者角度看，将正反转拨钮推至左侧，批头顺时针旋转。此功能用于拧紧螺钉。
- 2) 从操作者角度看，将正反转拨钮推至右侧，批头逆时针旋转。此功能用于松开螺钉。
- 3) 将正反转拨钮推至中间位置锁住开关，以防止突然启动。

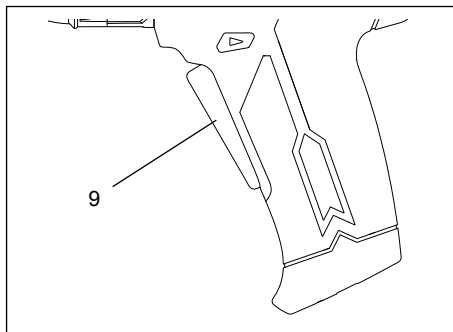
位置	旋转方向	应用
		 拧紧螺钉
		 松开螺钉
		 锁住开关以防机器突然启动

注意：每次切换批头旋转方向后，首次开机时会听到类似锁定的声音。这种现象是正常的，并非故障。



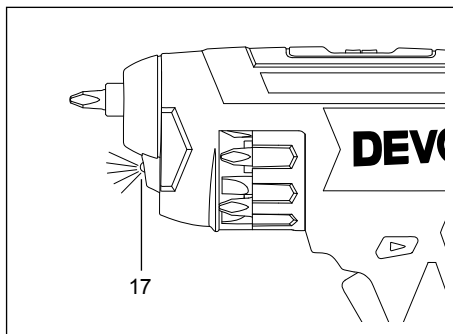
## 5. 打开 / 关闭


- 1) 按下该机器起停开关打开机器。
- 2) 松开起停开关关闭机器。



## 6. 工作照明灯

打开机器，工作照明灯自动亮。



 **警告：**不要直视工作照明灯。


## 实际应用项

### 1. 一般操作

- 1) 每次使用前，检查产品和充电器以及配件有无损坏。不要使用已损坏或磨损严重的机器。
- 2) 仔细检查配件或应用工具均固定在正确的位置。
- 3) 总是握住机器的把手。保持把手的干燥，以确保安全握持。
- 4) 确保通风孔整洁，无堵塞。根据需要，选用软刷清洁通风孔。通风孔堵塞可能导致机器过热且损坏机器。
- 5) 操作时，若有其他事，请将该机器关闭。等

机器完全停止转动后，将机器放下。

- 6) 不要过度劳累。定期休息，确保你可以专注于工作，并能完全控制机器。

 **警告：**确保在工作区域没有隐藏的煤气管，水管及电线。这个隐藏的管子及电线在操作时，可能会无意中碰到，导致触电，造成严重的人员伤害和财产损失。使用合适的探测器预先探测一下。

### 2. 拧紧螺钉

- 1) 用将要拧紧的螺钉预先钻一个小孔。
- 2) 将机器垂直于放在螺钉上。若有角度可能导致滑牙或者堵塞。
- 3) 将批头的顶端直接放在螺钉上，然后打开机器。
- 4) 使用合适的力度保持拧螺钉。用力过度，可能导致螺钉和批头损坏。用力太小，螺钉不能拧紧，还会滚到其他地方。
- 5) 操作结束，将正反反转按钮推至中间位置，使机器冷却下来。
- 6) 检查，清洁，储藏好机器。


**注意：**当螺钉被拧紧后立即松开起停开关，以防止螺钉受损。

## 工具维护保养



**警告：**对充电螺丝批进行维修检查之前，必须把正反反转按钮推至中间位置。

- 1、检查安装螺钉。经常检查安装螺钉是否紧固稳妥。螺钉松开极易引起严重事故。
- 2、定期检查线缆。电源线是特殊制备的，如发现损伤应立即委托**DEVON**授权的维修中心处理。此工具所用电源线为特殊结构，且勿擅自更换电源线，如需更换，请到**DEVON**授权的维修中心处理。
- 3、保持通风槽清洁顺畅。经常清除尘埃、油污，严防杂物入内。
- 5、必须由**DEVON**授权的维修中心进行维修。只能使用**DEVON**的配件、零件。
- 6、清洁。避免使用造成塑料龟裂损坏的溶剂擦拭塑料零件。建议使用稍微沾湿了肥皂水的柔布。
- 7、避免工具受到震荡、撞击或油脂影响。

 **请勿**让马达淋到水，禁止将整个机身投入水中，以免引起马达故障及触电事故！

# 环境保护



- 1、 **DEVON** 的包装可以百分之百进行回收再生处理。
- 2、 报废的电动工具和附件中含有大量有价值的原材料及合成材料，同样可以进行再生回收。
- 3、 磨屑或切割时所产生的粉尘中会包含有害物质因而不应作为普通垃圾倾倒，而应交给特殊垃圾回收站处理。

# 服务

- 1. 工具需要保修时，请自行送至当地特约维修中心，并提供有效保修卡及购机发票原件，遗失保修卡恕不补发。
- 2. 由于正常磨损、过载或不当使用而导致的损坏，不在保证范围内。

## 附：一般故障及排除方法

故障	原因	排除方法
螺丝批无法正常工作	电池没电	给电池充电
	正反转换按钮处于中间位置	将正反转换按钮推至左侧或右侧
	其他电子故障	送至专业的电气工程师处检查维修
螺丝批马力不足	电池低电量	充电
	通风孔被堵塞	清洁通风孔
工作效果不好	批头磨损	使用新的批头
	使用不合适的批头	使用合适的批头
螺丝批突然关闭	电池电量耗尽	充电
	电池过热	关闭机器，将其冷却
	机器过载	将机器从工件上移出，重新开机

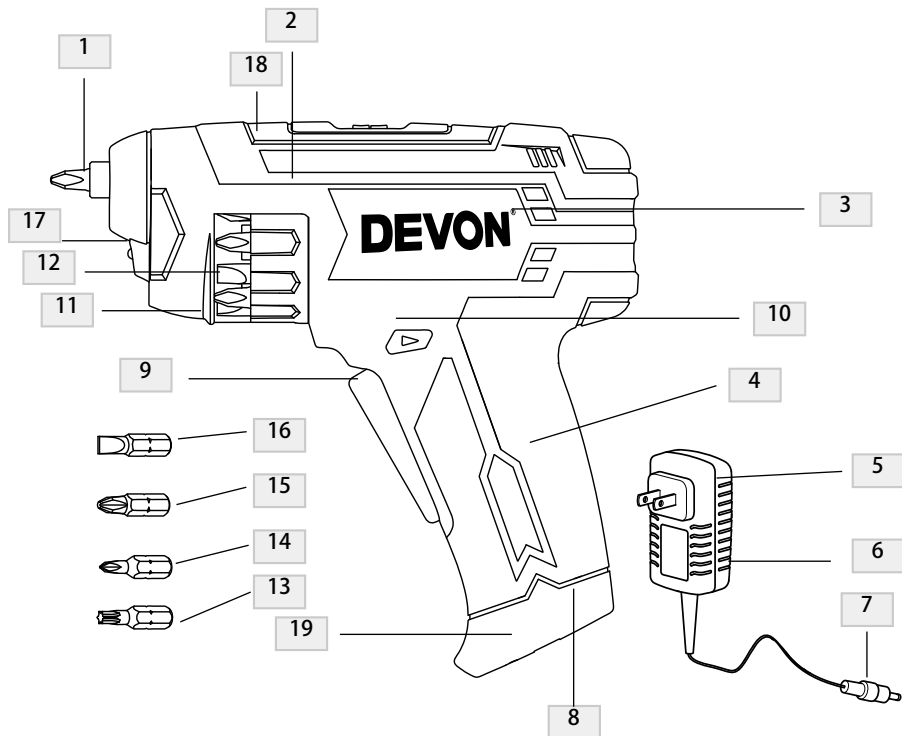
# DESCRIPTION OF THE TOOL

## OPERATING CONTROL



This product is intended for light fastening and removing screws with 25 mm driver bits. The product is not suitable for heavy duty screw driving work into hard wood or with large diameter screws. It must not be used for drilling and should not be used for working on materials that are dangerous to health.

## 1. MAIN PARTS



- 1.Tool socket
- 2. Loading cover
- 3 .Air vents
- 4. Handle
- 5.Charger
- 6.Power indicator
- 7.Charger jack
- 8.Charging socket
- 9.On/off switch
- 10.Forward/reverse rotation control
- 11.Wheel

- 12.Bit magazine
- 13.Driver bit torx(x 3)
- 14. Driver bit PH(x 3)
- 15. Driver bit PZ(x 3)
- 16. Driver bit slotted(x 3)
- 17.LED work light
- 18.Viewing window
- 19.Indicator light


## NOTE:

- 1) Attach the battery pack on the charger for short charging to resume the battery, when the battery

pack is protected as the redundant current and high temperature.

2) For continuous long operation, the tool may be hot; cool it down to appropriate temperature before reuse, otherwise, may damage the tool.

2. TOOL SPECIFICATIONS

Model	5611-Li-4
Voltage battery	4V 
Type battery	Li-Ion
Rated no load speed	220 /min
Maximum torque	5 N.m
Tool socket capacity	6.35 mm (1/4")hex
Weight	0.55kg
Charger rated input voltage	220-240V,50~60Hz

**NOTE:** Due to **DEVON**<sup>®</sup> 's continuing program of development, the specifications herein are subject of change without prior notice.

## GENERAL SAFETY RULES



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

### SAVE THESE INSTRUCTIONS

#### 1. WORK AREA SAFETY

- 1) Keep workplace clean and well lit.** Cluttered and dark workplaces invite accidents.
- 2) 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.
- 3) Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

#### 2. ELECTRICAL SAFETY

- 1) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- 2) Avoid body contact with earthed or grounded surfaces such as conduits, radiators, and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- 3) Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- 4) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- 5) When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.

- 6) If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply. Use of an RCD reduces the risk of electric shock.**

#### 3. PERSONAL SAFETY

- 1) Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- 2) Use safety equipment. Always wear eye protection.** Safety equipment such as dust mask, non- skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- 3) Avoid suddenly starting. Ensure the switch is in the off position before plugging in.** When your finger on the switch or plugging in power tools that have the switch on invites accidents.
- 4) Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- 5) Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- 6) Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- 7) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of these devices can reduce dust related hazards.
- 8) Use clamps or another practical way to support and secure the workpiece to a stable platform.** Holding the work by hand or against your body leaves it unstable and may lead to loss of control.
- 9) Do not use on a ladder or unstable support.** Stable footing on a solid surface enables better control of the power tool in unexpected situations.

**10) Keep handles dry, clean, and free from oil and grease.** Slippery hands cannot safely control the power tool.

**11) Always wear safety glasses with side shields.** Everyday glasses may have impact resistant lenses, but they are not safety glasses. Following this rule will reduce the risk of eye injury.

**12) Protect your lungs.** Wear a face or dust mask if the operation is dusty. Following this rule will reduce the risk of serious personal injury.

**13) Protect your hearing.** Wear hearing protection during extended periods of operation. Following this rule will reduce the risk of serious person injury.

#### **4. POWER TOOL USE AND CARE**

**1) Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.

**2) Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

**3) Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.

**4) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.

**5) Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tools operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.

**6) Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

**7) Use the power tool, accessories and tool bits etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

**8) Save these instructions.** Refer to them frequently and use them to instruct others who may use this tool. If you lend this tool to someone else, also lend them these instructions.

#### **5. BATTERY TOOL USE AND CARE**

**1) Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

**2) Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.

**3) When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.

**4) Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help.** Liquid ejected from the battery may cause irritation or burns.

#### **6. SERVICE**

**1) Have your power tool serviced by a qualified repair person.**

**2) When servicing a power tool, use only identical replacement parts.**

**3) 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.

## SAFETY RULES FOR BATTERY PACK

1. **Avoid unintentional switching on, ensure the on/off switch is in the off position before inserting battery pack.** Carrying the power tool with your finger on the on/off switch or inserting the battery pack into power tools that have the switch on invites accidents.
2. **Do not open the battery.** Danger of short-circuiting.
3. **Protect the battery against heat, e.g., also against continuous sun irradiation and fire.** There is danger of explosion.
4. **In case of damage and improper use of the battery, vapors may be emitted. Provide for fresh air and seek medical help in case of complaints.** The vapors can irritate the respiratory system.
5. **When the battery is defective, liquid can escape and come into contact with adjacent components. Check any parts concerned.** Clean such parts or replace them, if required.
6. **If liquid comes in contact with your skin,** wash immediately with soap and water, then neutralize with lemon juice or vinegar.
7. **If liquid from the battery gets in your eyes,** flush them with clean water for at least 10 minutes, and then seek immediate medical attention. Following this rule will reduce the risk of serious personal injury.
8. **Use the battery only in conjunction with your **DEVON** power tool.** This measure alone protects the battery against dangerous overload.
9. **Use the battery only with the charger list., use with other chargers could result in fire hazard.**
10. **Do not crush, drop or damage the battery pack.** Do not use a battery pack or charger that has been dropped or received a sharp blow. A damaged battery is subject to explosion. Properly dispose of a dropped or damaged battery immediately.

11. **Do not charge a battery tool in a damp or wet location.** Following this rule will reduce the risk of electric shock.

## SAFETY RULES FOR CHARGER

**⚠ WARNING:** To reduce the risk of electric shock or damage to the charger and battery, charge only those lithium-ion rechargeable batteries as specifically designated on your charger's label. Other types of batteries may burst, causing personal injury or damage.

1. Before using battery charger, read all instructions and cautionary markings in this manual and on the battery charger, the battery and the product using the battery to prevent misuse of the products and possible injury or damage.
2. Do not use the charger outdoors or expose it to wet or damp conditions. Water entering the charger will increase the risk of electric shock.
3. 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.
4. Do not abuse the cord or charger. Never use the cord to carry the charger. Do not pull the charger cord to disconnect the plug from receptacle. Damage to the cord or charger could occur and create an electric shock hazard. Replace damaged cords immediately.
5. Make sure that the cord is located so that it will not be stepped on, tripped over, come in contact with sharp edges or moving parts, or otherwise subjected to damage or stress. This will reduce the risk of accidental falls, which could cause injury and damage to the cord, which could then result in electric shock.
6. Keep cord and charger from heat to prevent damage to housing or internal parts.
7. Do not allow gasoline, oils, petroleum-based products, etc. to come in **contact with plastic parts. These materials contain chemicals that can damage, weaken, or destroy plastic.**
8. An extension cord should not be used

unless absolutely necessary. Use of an improper extension cord could result in a risk of fire and electric shock. If an extension cord must be used, make sure that:

The pins on plug of extension cord are the same number, size and shape as those of the plug on charger.

The cord is properly wired and in good electrical condition

9. Do not operate the charger with a damaged cord or plug, which could cause shorting and electric shock. If damaged, have the charger repaired or replaced by an authorized service technician at a **DEVON** Service Center.

10. Do not operate the charger if it has been damaged in any way. Take it to an authorized service technician at a **DEVON** Service Center for an electrical check to determine if the charger is in good working order.

11. Do not disassemble the charger. Take it to an authorized service technician at a **DEVON** Service Center when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.

12. Unplug the charger from the electrical outlet before attempting any maintenance or cleaning to reduce the risk of electric shock.

13. Disconnect charger from the power supply when not in use. This will reduce the risk of electric shock or damage to the charger if metal items should fall into the opening. It will also help prevent damage to the charger during a power surge.

14. Risk of electric shock. Do not touch the uninsulated portion of output connector or uninsulated battery terminal.

## ADDITIONAL SAFETY RULES FOR SCREWDRIVER

1. Use suitable detectors to determine if utility lines are hidden in the work area or call the local utility company for assistance. Contact with electric lines can lead to fire and electric shock. Damaging a gas line can lead to explosion. Penetrating a

water line causes property damage.

2. **Switch off the power tool immediately when the tool inserts jams. Be prepared for high reaction torque that can cause kickback.** The tool insert jams when:

--the power tool is subject to overload or  
--it becomes wedged in the workpiece.

3. **Hold the power tool only by the insulated gripping surfaces, when performing an operation where the cutting tool may run into hidden wiring.** Contact with a "live" wire will make exposed metal parts of the tool "live" and shock the operator.

4. **Hold the power tool with a firm grip.** High reaction torque can briefly occur while driving in and loosening screws.

5. Wear protective glasses and ear protection. Wear sturdy shoes.

6. Do not operate the machine in rain or moisture.

7. **Use protective gloves when operating the tool.** Protective gloves can help to keep you from being burnt and hurt.

8. Use protective gloves when removing the bit from the tool, or first allow the clamp to cool down. The bit may be hot after prolonged use.

9. **Keep your hands away from the motor-housing vents.** Hot gas comes from the vents during operation.

10. Release the trigger immediately when the screws are tightened to avoid breaking the screw.

11. **Secure the workpiece.** A workpiece clamped with clamping devices or in a vice is held more secure than by hand.

12. **Keep your workplace clean.** Blends of materials are particularly dangerous. Dust from light alloys can burn or explode.

13. **Always wait until the power tool has come to a complete stop before placing it down.** The tool insert can jam and lead to loss of control over the power tool.



**WARNING:** Some dust created by power Cutting contains chemicals known to cause cancer, birth defects or other



reproductive harm. Some examples of these chemicals are:

- lead from lead-based paints
- Arsenics and chromium from chemically reacted lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment.

## STANDARD ACCESSORIES

- |               |        |
|---------------|--------|
| ● Screwdriver | 1 Pc   |
| ● Charger     | 1 Pc   |
| ● Driver bits | 12 Pcs |

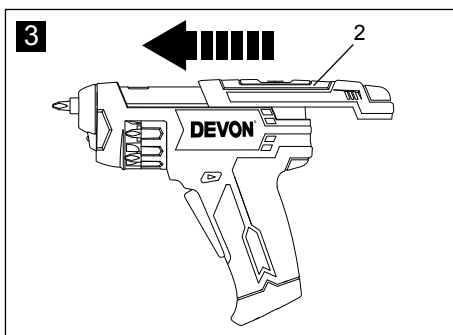
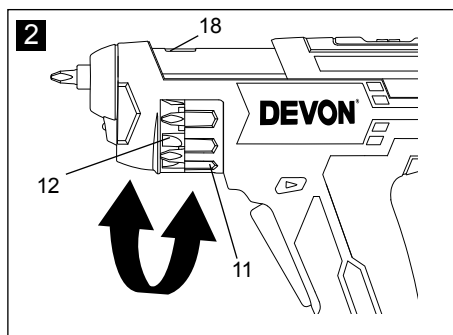
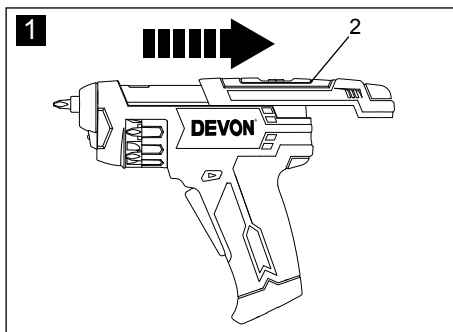
Be sure to check the accessories as it is subject to change by areas and models.

## OPERATION

### Driver bits

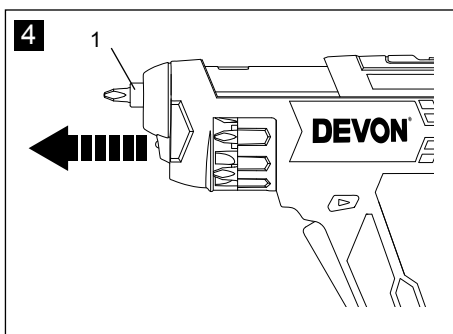
There is a bit magazine [12] in the product which holds 12 driver bits. Different driver bits can be used with this product depending on the screw head.

1. Pull the loading cover [2] backward all the way to the stop (Fig.1).
2. Turn the wheel [11] to choose the right driver bit as desired (can be seen from viewing window [18]) (Fig.2).
3. Push the loading cover [2] forward (Fig.3).



### Replacing/Removing

1. Remove the bit from the tool socket [1] and insert a new one (Fig.4).



**NOTE:** Use only short standard screwdriver bits (25mm). Longer screwdriver bits cannot be loaded into the bit magazine. If the bits magazine [12] are damaged, you can remove and replace them with new bits one by one following the above steps.

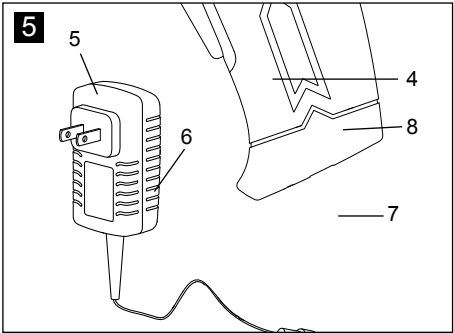
Charger

The battery of this product is integrated in the handle [4] and cannot be removed. The battery has been shipped in a low charge condition. Charge it fully before first use.

**NOTE:** The product cannot be operated while charging!

**⚠ WARNING:** Charge in safe location away from moisture or heat sources!

1. Insert the charger jack [7] to the socket [8] on the handle [4] (Fig. 5).



2. Connect the charger [5] to the power supply and the power indicator [6] on the charger is on red.

**⚠ WARNING:** Check the voltage! The voltage must comply with the information on the rating label!

**NOTE:** It is normal for the handle and charger to become warm (but not hot) during the charging process. If the product does not charge properly, check to make sure the electrical outlet is "live".

**⚠ WARNING:** Always charge the product before storage! To reduce risk of fire, never leave the product connected with the charger for more than 24 hours!

Indicator light

The indicator light [19] on the product shows the charging status

Light colour	Status
Red	Charging, charger connected to power supply
Green	Charging finished

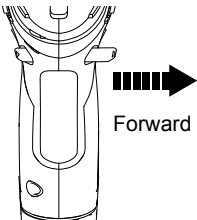

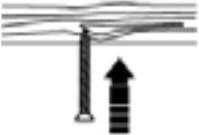
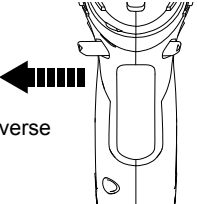

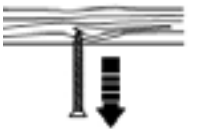
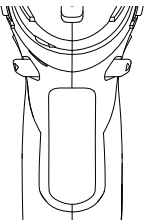


Forward/reverse rotation control

Change the rotational direction from forward to reverse by pressing the forward / reverse control [10].

**⚠ WARNING:** Only change the rotation direction when the product is switched off and has come to a complete stop! Always ensure that the forward / reverse rotation control is adjusted to the correct position depending on the intended operation!

Always push the forward / reverse rotation control as far as it will go! Do not use the product with the control switch in an intermediate position!

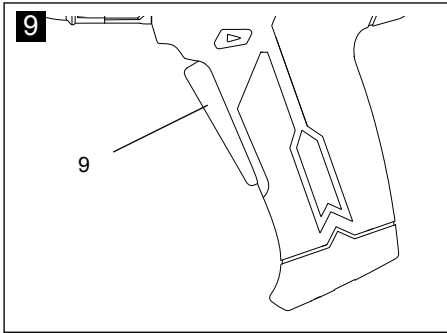
1. Move the forward / reverse rotation control [10] to the left in order to use the product in a clockwise rotational mode (as seen from the operator's position). Use this function for screw driving (Fig. 6).
2. Move the forward / reverse rotation control [10] to the right in order to use the product in anticlockwise rotational mode (as seen from the operator's position). Use this function to loosen jammed screws (Fig. 7).
3. Move the forward / reverse rotation control [10] to the centre position to lock the on/off switch [9] and avoid accidental starting (Fig. 8)

Position	Rotational direction	Application
<div>6</div> 		 Screw driving
<div>7</div> 		 Remove screw
<div>8</div> 		 Lock the on/off switch and avoid accidental starting

**NOTE:** If you are using the product for the first time after changing the rotational direction, a locking sound may be heard. This is normal and does not represent a defect.

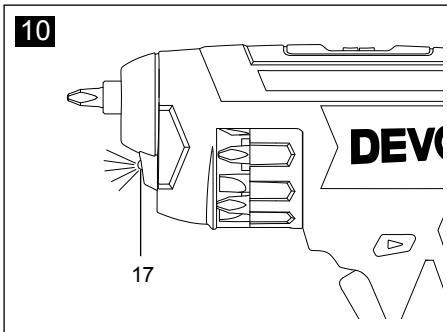
## On/off switch

1. Switch the product on by pressing the on/off switch [9].
2. Switch the product off by releasing the on/off switch [9].



## LED Work light

LED work light [17] will automatically illuminate when you turn the tool ON.



**⚠ WARNING:** Do not look directly into LED light.

## General operation

1. Check the product and charger as well as accessories for damage before each use. Do not use the product if it is damaged or shows wear.
2. Double check that accessories or application tools are properly fixed.
3. Always hold the product by its handle. Keep the handle dry to ensure safe support.
4. Ensure that the air vents are always unobstructed and clean. Clean them if necessary with a soft brush. Blocked air vents may lead to overheating and damage the product.
5. Switch the product off immediately if you are

disturbed while working by other people entering the working area. Always let the product come to complete stop before putting it down.

6. Do not overwork yourself. Take regular breaks to ensure you can concentrate on the work and have full control over the product.

**⚠ WARNING:** Keep in mind that there are buried objects hidden in every household! Ensure that there are no gas, water or power lines hidden in the working area that may be hit before operation – danger of electrical shock and serious injury to people and property damage! Use a suitable detector to trace such objects in advance!

## Screw driving

1. Pre-drill the holes with a smaller diameter of the screw to be screwed.
2. Hold the product perpendicular to the screw to be screwed in/out. Holding it at an angle may cause slipping or jamming of the driver bit.
3. Place the tip of the driver bit directly on the screw first and then switch the product on.
4. Only apply as much pressure as necessary to keep the screw in place and the driver bit in contact with the screw head. Too much pressure will cause damage to the screw head and driver bit; too little pressure will cause the driver bit to slide away.
5. Remove blocked and stuck screws by changing the rotation direction.

## After use


1. Switch the product off, move the forward / reverse rotation control [10] to the centre lock position and let it cool down.
2. Check, clean and store the product as described below.

## TOOL MAINTENANCE



**WARNING:** Before any work on the machine itself, remove the battery pack from the tool or unplug the tool from the power source.

1. Inspect bolts periodically. If the bolts loosen, tighten them immediately, or will result in serious accident.
2. Inspect tool cords periodically. The cord is special prepared, if damaged, have repaired at your nearest Authorized **DEVON** Service Center. This tool was used with the power cord as a particular structure, don't replace the power cord without authorization, such as replacement, please go to the Authorized **DEVON** Service Center.
3. Keep the vents clean. Clean all parts of the tool, clean dust periodically. To prevent debris from entry.
4. Replace the carbon brush when the carbon brush is worn out in certain length and motor stops running. All maintenance should be carried Out by Authorized **DEVON** Service Center.
5. All service **MUST** only be performed by Authorized **DEVON** Service Center. **ALWAYS** use only **DEVON** accessories that are recommended for this tool.
6. Cleaning. Avoid the use of plastic cracks caused by damage to the solvent. Use clean cloths and mild soap to remove dirt, dust, etc.
7. Avoid the tool vibration or impact, and keep it from oil and grease.

 **WARNING:** Do not allow the water entering the motor and the tool full immersed in the ware, which will result in motor malfunction and electric shock.

## ENVIRONMENT PROTECTION



1. Tool, accessories and packaging should be sorted for environment-friendly recycling.
2. Power tools and accessories at the end of their service life still contain large amounts of valuable raw materials and plastics which can likewise be fed back into a recycling process.
3. Some dust created by working contains harmful chemicals must be collected by special garbage re- cycle site.

## ENVIRONMENT PROTECTION

1. In case of guarantee, repair or purchase of replacement parts, always contact the qualified service center. And supplied with the efficient service card and invoice.
2. It is without the scope of guarantee when the tool was normal wear, overload or improper use of damage.

## Trouble Shooting

Problems	Reasons	Ways to Solve The problems
Product does not start	Battery discharged	Charge the product
	Forward/reverse rotation control at centre lock position	Push forward/reverse rotation control to left/right
	Other electrical defect to the product	Check by a specialist electrician
Product does not reach full power	Battery capacity too low	Charge the product
	Air vents are blocked	Clean the air vents
Unsatisfactory result	Driver bit worn	Replace with a new one
	Driver bit not suitable for intended operation	Use suitable driver bit
Product suddenly stops	Battery discharged	Charge the product
	Battery too hot	Switch the product off and leave to cool
	Product overloaded	Remove the tool from the workpiece then switch on again

## PROFESSIONAL TOOLS

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