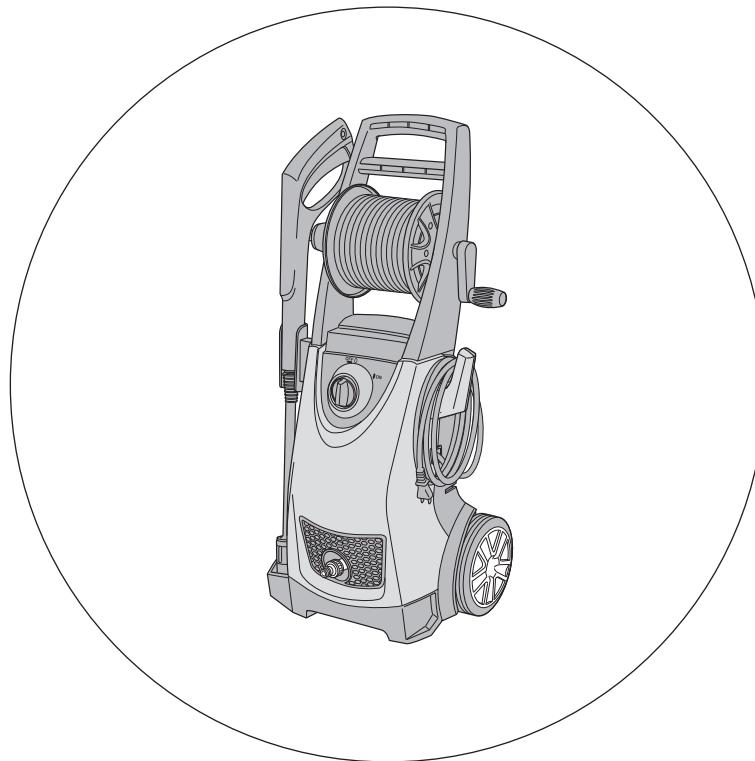


HIKOKI

高压清洗机 High Pressure Washer

AW 150



保留备用
Keep for future reference



使用说明书
Handling instructions



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电动工具通用安全警告

⚠ 警告！

阅读所有安全警告和所有说明。

不遵照以下警告和说明会导致电击、着火和 / 或严重伤害。

保存所有警告和说明书以备查阅。

1. 保持工作场地清洁和明亮。

否则可能会引发事故。

2. 使用清洗机时，需充分考虑周围环境。

○ 保持工作场地清洁和明亮。

○ 不要在易燃液体或气体附近使用清洗机。

3. 谨防触电事故。

使用高压清洗机时，不要触碰任何接地的物体。（例如：管道、加热器、微波炉和冰箱等）

4. 不要在儿童附近使用清洗机。

○ 除清洗机的操作人员之外任何人不得触碰清洗机或电线。

○ 除清洗机的操作人员之外任何人不得靠近工作场地。

5. 清洗机长时间不使用时请放于安全的地方。

将清洗机放在干燥通风的较高位置，或锁在儿童无法触碰的地方。

6. 请正确使用本清洗机。

○ 使高压清洗机在其性能范围内发挥安全、高效的效果。

○ 不要将清洗机用于设计用途之外的其他用途。

7. 使用清洗机时，请穿着安全服。

如有必要，请穿戴好安全靴、护目镜头盔和耳塞。

8. 使用清洗机时，请佩戴护目镜和防尘口罩。

否则可能导致液体或灰尘进入眼中和口中。

9. 请细心收好电源线。

- 不要仅通过拉拽电源线来移动高压清洗机，或在握住电源线将插头从插座拔下。
- 使电源线远离热源、油或尖锐物体。

10. 确保要清理的物体已固定到位。

有时候水压的力量可能导致会较轻的物体飞离。不要将清洗机用于无法固定的较轻物体。

11. 使用清洗机时，请保持正确的姿势。

确保双脚站稳以保持平衡。

12. 注意仔细维护高压清洗机。

- 定期清洁清洗机，以确保其可以安全高效地使用。
- 参阅使用说明书更换零件。
- 定期检查电源线，如发生损坏，请联系经销商进行维修。
- 如使用延伸线缆，请定期进行检查，并在发生损坏时及时更换。
- 确保夹卡始终保持干燥和清洁，不要接触到润滑油。

13. 若发生以下情况，关闭和拔下高压清洗机的插头：

- 不使用或维修时。
- 安装或拆卸随附零件或另购零件时。
- 明显要发生危险时。

14. 不要忘记拆下调节用的设备。

接通电源前，检查并确保已拆下所有调节用的设备。

15. 避免意外接通电源。

- 确保清洗机在插入插头后不会意外接通电源。
- 检查并确保清洗机在插入电源前已关闭。

16. 若延伸线缆长度不足，可能导致危险。

17. 使用清洗机时，请时刻保持小心。

- 使用高压清洗机时，请参阅使用说明书中记载的使用方法，并注意周围环境。
- 疲劳时不要使用清洗机。

18. 请使用指定的配件和附件。

请注意，若使用非本说明书或HiKOKI产品目录中指定的配件和附件，可能会导致事故或人身伤害。

19. 高压清洗机必须委托专业人员进行维修。

- 高压清洗机符合所有安全规定，不得进行改装。
- 所有维修工作均需委托HiKOKI授权服务中心进行操作。若无专业维修技能而擅自维修可能导致事故或人身伤害。

20. 机器的电源线或安全装置、高压软管、喷枪等重要零件发生损坏时，请停止使用本机器。

21. 请使用符合铭牌上记载电压的电源。

否则可能使清洗机的运行速度过高，导致过热、喷出烟雾或引起火灾，进而造成设备损坏或人身伤害。

中文

22. 请使用额定功率为 15A 或更高的独立电源插座。
与其他设备共用电源插座可能导致断路器断开。
23. 使用清洗机时，双手紧握喷枪。
否则可能导致人身伤害。
24. 若未正确使用高压水射流，可能导致危险。
不要向人、动物、易碎物品、电气设备或清洗机本身喷射高压水射流。
25. 不要使用汽油、油、有机溶剂、其他易燃、有毒液体或任何其他不适合的液体。
否则可能导致爆炸、着火、喷出烟雾或其他意外，进而造成设备损坏或人身伤害。
26. 清洗汽车轮胎时，请确保喷嘴前端与要清洗的轮胎表面有至少 50cm 的距离。
否则可能导致轮胎或刹车损坏，进而造成严重事故。
27. 不要用湿手触摸电源插头或电源插座。
否则可能导致触电。
28. 禁止儿童或未经培训的人员使用高压清洗机。
29. 水流经防回流阀后便无法饮用。
将清洗机连接饮用水的水龙头时，请确保防回流阀能够正常使用。
水流经防回流阀后便无法饮用。
30. 确保水不会溅到高压清洗机、电源线、延伸线缆、电源插头、电源插座或其他位置。不要将高压清洗机暴露在雨中或在雨中使用。
否则可能导致触电。
31. 喷枪固定到位后不要用手持握。
32. 若清洗机无法正常运转、发出奇怪响声或产生振动，则立即关闭机器，联系 HiKOKI 授权服务中心进行检查或维修。
继续使用可能导致人身伤害。
33. 若清洗机意外倾倒或撞到坚固物体，请立即检查是否损坏、出现裂纹或变形。
否则可能导致人身伤害。
34. 不要直接对自己或他人喷射水流清洗衣物或鞋子。
35. 无人看管机器时，务必断开主要断路开关。

注意！

1. 断开高压软管前，请将清洗机内的压力全部释放。
2. 请参阅使用说明书正确安装所有随附的附件。
否则可能导致附件脱离或人身伤害。
3. 检查并确保要清洗的物体中不含任何异物。
否则可能导致异物飞离，造成意外受伤。
4. 不要在要清洗物体上的标签周围喷射水流。
否则可能导致标签脱落。
5. 移动清洗机时请握紧把手。
6. 使用自吸功能时，除了水龙头中流出的干净水之外，不要使用任何积水（水中含有污垢、淤泥、沙子等）。
7. 应看管好小孩，确保他们不玩弄本机。

符号

警告！

如下所示的符号用于本机。使用前请务必理解其含意。

	为降低伤害风险，用户必须阅读使用说明书 不遵照以下警告和说明会导致电击、着火和 / 或严重伤害。		二类工具
			警告
		V	伏特
		A	安培
	若未正确使用高压水射流，可能导致危险。不要向人、电气设备或清洗机本身喷射高压水射流。	Hz	赫兹
		W	瓦特
		kg	千克
~	交流电	MPa	兆帕

规格

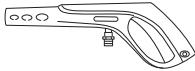
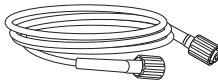
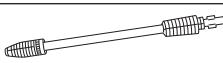
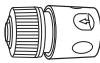
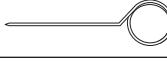
型号	AW150
电压 (因地区而异) *1	单相 AC 50/60 Hz 电压 220 V ~ 240 V
输入功率 *1	2000 W
额定压力 (1MPa:10.2 kgf/cm ²)	11.0 MPa
最大容许压力	15.0 MPa
最大输送压力	1.0 MPa
额定流量	6.67 L/min
最高进水温度	40 °C 或以下
尺寸 (长 × 宽 × 深)	425 mm × 345 mm × 905 mm (包括软管摇柄、电源线支架、喷枪支架、喷枪底座和进水管接头)
重量 *2	12.4 kg

*1 各地区的产品铭牌有所不同，因此请务必仔细确认。

*2 重量：包括电源线、喷枪、高压软管、可调喷嘴、进水管接头和附件支架。

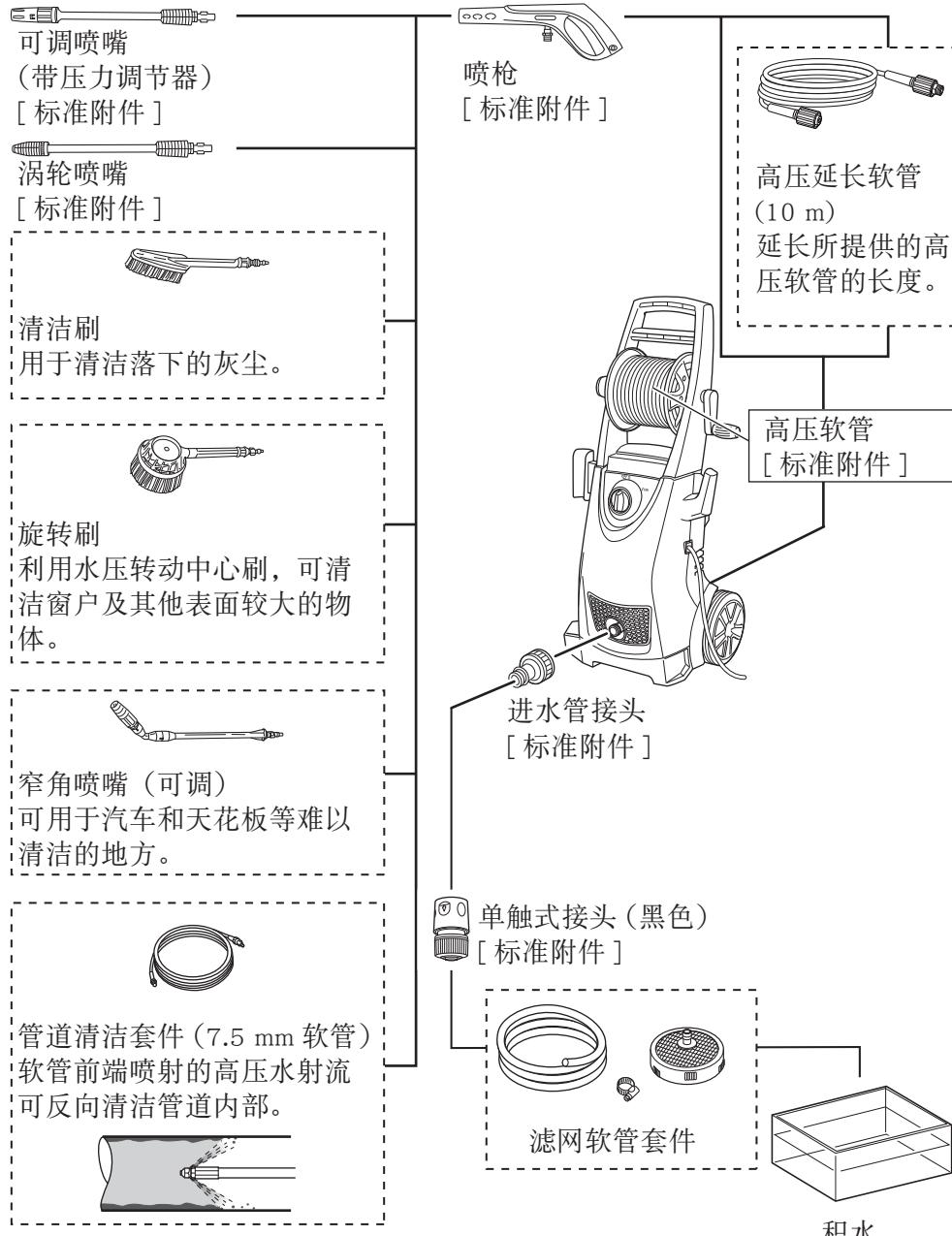
标准附件

除了主机（1台）外，产品包中还包括表中所列的附件。

	喷枪	1
	高压软管 (10 m)	1
	可调喷嘴 (带压力调节器)	1
	涡轮喷嘴	1
	清洁剂瓶喷嘴 (放在装置内)	1
	单触式接头 (黑色) (与滤网软管配套使用)	1
	进水管接头	1
	喷嘴清洗通针	1
	喷枪支架	1
	软管摇柄	1
	喷枪底座 (带 1 个螺丝)	1

选购附件 (分开销售)

图中所示的零件为分开销售。若标准附件损坏或破裂,请联系HiKOKI授权服务中心进行更换。



用途

- 清洗纱门、窗玻璃、地板、墙壁等
- 清洗汽车、摩托车等。
- 清洗园艺设备和农业机具的污泥。

作业之前

1. 安装漏电断路器

若漏电流达到 30 mA 并超过 30 毫秒，建议立即切断连接清洗机的漏电断路器的电源，以防触电。

2. 保持工作场地清洁和明亮。

使用清洗机时会喷溅脏水。因此，需要检查并确保工作区域内没有障碍，并保持工作场地清洁和明亮。

3. 放置清洗机

请选择清洗时不会溅水的平坦位置。

4. 使用延伸线缆

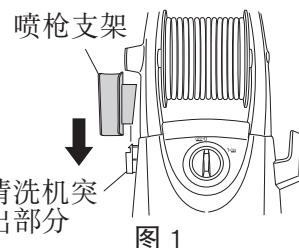
确保线缆足够结实以持续供电，同时，线缆应尽可能短一些。

容许线缆厚度（标称横截面电缆）和线缆长度如下所示。

线缆厚度 (mm ²)	线缆长度 (m)
1	12.5
1.5	20
2.5	30

5. 安装喷枪支架（图 1）

将清洗机的突出部分对准喷枪支架上的凹槽，向内压入直至完全嵌入。



6. 准备进水管（图 2）

准备符合以下条件的进水管：

- 能够承受住压力的软管（带网眼）
- 内径为 14 ~ 15mm 的软管。
- 外径不超过 20mm 的软管。

7. 安装喷枪底座（图 3）

(1) 按图示中的角度按压喷枪底座上的突出部分，使其嵌入清洗机的长孔中。

(2) 用十字螺丝刀将随附的螺丝紧紧旋入螺孔内。

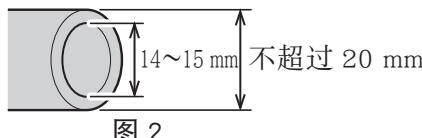


图 2

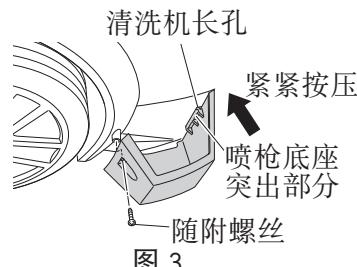


图 3

8. 安装软管摇柄 (图 4)

(1) 将软管摇柄插入清洗机的固定孔内。

(2) 向下按压的同时旋转插

入约 15mm 深。

(3) 继续向下按压并旋转，
直至插入约 15mm 深并
完全嵌入。

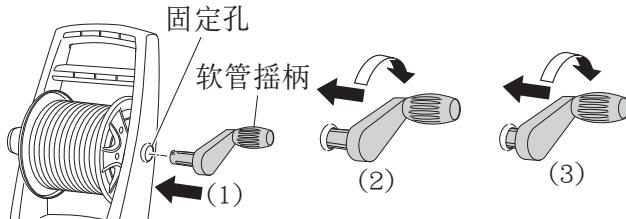


图 4

使用前的安全检查

警告！

使用清洗机前请检查以下事项。插入电源插座前，请检查 1 和 2 中所列事项。

1. 检查并确保开关处于“OFF”状态 (图 5)

在开关处为“ON”的状态下将清洗机的插头插入电源插座后，机器会意外启动，从而导致严重事故。

2. 检查供电情况

只能使用额定电压。

不要使用发动机或直流电。否则不仅会导致清洗机损坏，而且也非常危险。

3. 检查电源插座

若电源插座松动或插头容易脱落，则需要维修。

在这种状态下使用非常危险。请咨询当地的电气产品经销商。

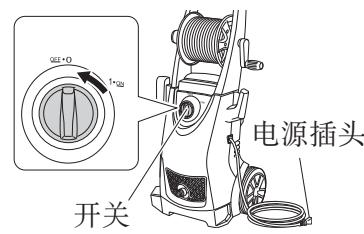


图 5

安装零件

请务必按照以下顺序正确安装所有零件，以确保安全使用。

警告！

务必关闭清洗机并断开电源插座，以防发生意外事故。

1. 将进水管接头安装在清洗机的进水口 (图 6)

取下清洗机的进水口盖帽，紧紧安装好进水管接头。

连接松动可能会导致漏水。

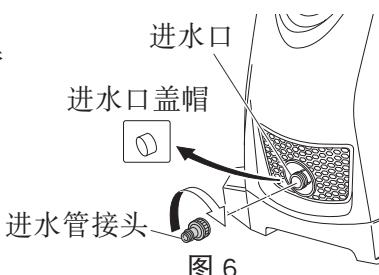


图 6

2. 从软管卷盘拉动高压软管 (图 7)

将软管卷盘上盘绕的高压软管全部拉开，同时固定卷盘防止发生倾倒。

注：

若在部分软管仍卷绕在卷盘上的时候使用清洗机，可能导致压力不足或产生振动。

3. 将高压软管安装到喷枪上。(图 8)

握住高压软管较厚的一端，将其插入喷枪的接头，然后旋紧软管上的圆环加以紧固。

注：

○ 若软管难以插入，可以用水将 O 型环浸湿再进行连接。

○ 若无法旋紧圆环，则意味着高压软管的末端未完全插入。

4. 将喷嘴安装到喷枪上。

< 附件 (图 9) >

(1) 将喷嘴的突出部分对准喷枪的入口孔并充分压入。

注：

○ 清除喷枪入口孔和喷嘴突出部分的所有污垢、污泥和其他异物。

○ 若喷嘴难以插入，可以用水将 O 型环浸湿再进行连接。

(2) 紧紧按压喷嘴，然后按照箭头方向转动，直至停止 (旋转半周)。

(3) 检查并确保喷嘴在安装后无法拔出。

< 拆卸 (图 10) >

紧紧按压喷嘴，然后逆时针方向旋转，直至停止。

在该位置可取下喷嘴。

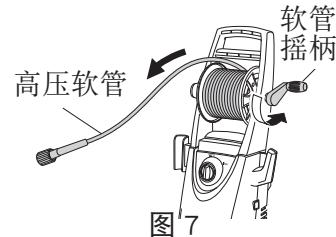


图 7

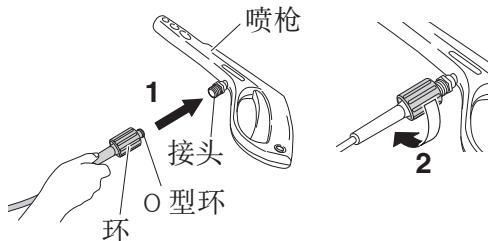


图 8

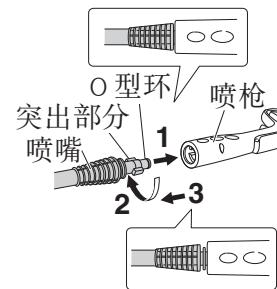


图 9

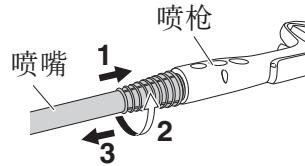


图 10

使用不同的喷嘴

可调喷嘴（带压力调节器）(图 11)

可调喷嘴（带压力调节器）可切换“喷射”模式、“喷雾”模式和“高压”模式、“低压”模式。

顺时针旋转喷嘴末端切换至“喷射”模式，逆时针旋转则切换至“喷雾”模式。

顺时针旋转压力调节器切换为“低压”模式，逆时针旋转则切换为“高压”模式。

- **喷射清洗模式**

水流呈直线喷出，可清洗农业机械上的顽固污泥及其他污垢。

- **喷雾清洗模式**

水雾呈较大扇形面喷出，可清洗墙壁、摩托车和汽车等。

整个喷嘴可以旋转约 90 度，进而改变喷雾在水平和垂直方向上的形状。

注：

- 还可以旋转压力调节器切换“喷射”模式和“喷雾”模式，调节后可根据需要重新调节。
- 使用喷雾模式时先调为“喷射”，然后在拉动扳机时逐渐将其移动到“喷雾”位置。
请注意，若完全旋转至“喷雾”位置，则可能致使水雾沿水平方向大范围喷出。
- 请注意，若切换“喷射”和“喷雾”时强行将喷嘴越过停止位置，则可能导致喷嘴损坏。

涡轮喷嘴

旋转涡轮喷嘴可雾状喷出高压水射流，进行高效清洗。

注：

设为“喷射”模式时，涡轮喷嘴仅可喷射强力水射流。

尽量避免用于易破损或易剥落的物体。

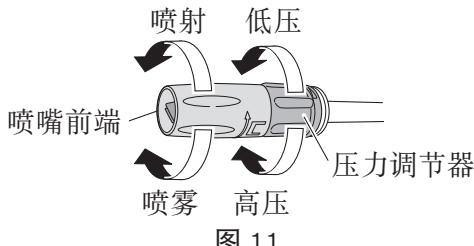


图 11

使用清洁剂瓶 (图 12)

水与清洁剂混合后呈雾状喷出。
可在公开市场购买中性清洁剂。

警告！

不要使用酸性或碱性清洁剂。仅限使用公开市场中销售的中性清洁剂。
使用中性清洁剂以外的清洁剂或化学试剂可能导致事故或故障。

注：

检查并确保进水管已紧紧连接在清洗机上。

清洁剂不要用于喷雾以外的模式。

- ① 取下清洁剂瓶盖，然后倒入清洁剂。
- ② 确保清洁剂瓶的进水管前端的滤网已插入液体中，然后拧紧瓶盖。

注：

使用清洁剂瓶时，可调喷嘴（带压力调节器）仅适用于“低压”模式。

若在“高压”模式下使用可调喷嘴（带压力调节器）或涡轮喷嘴，则无法雾状喷出清洁剂。

- ③ 使用可调喷嘴（带压力调节器）时，将调节器设置为“低压”模式。
- ④ 拉动喷枪的扳机，含有清洁剂的水将以雾状低压喷出。

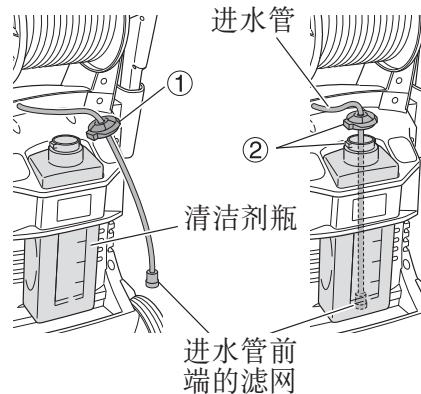


图 12

清洗清洁剂瓶 (图 13 和 14)

- ① 从清洗机取下清洁剂瓶进水管。
- ② 从底部将清洁剂瓶推出，从顶部将其取下。
- ③ 用水龙头的流水将清洁剂瓶、进水管和滤网清洗干净。
- ④ 重新装入瓶子时，按图 14 所示，按住瓶子尽量推压底部的突出部分到底。
- ⑤ 将进水管插入清洗机，拧紧瓶盖以防灰尘或污垢进入。

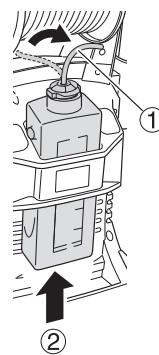


图 13

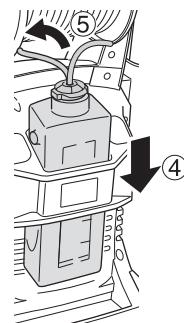


图 14

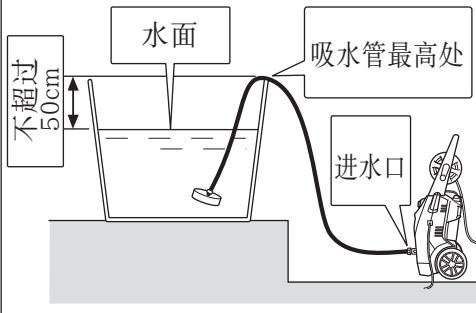
使用滤网软管套件 (分开销售)

将分开销售的滤网软管套件安装到 AW150 连接后，可从水箱中自动吸水。

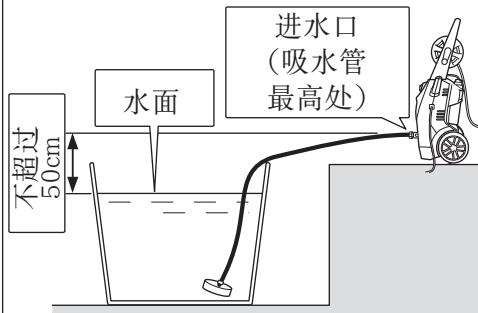
最大吸水高度 (上升范围) 约为 0.5m。

根据情况正确安装。

出水口高度低于吸水管最高处时的吸水高度：从吸水管最高处到水面的高度。



出水口高度与吸水管最高处相同时的吸水高度：从出水口到水面的高度。



1. 将滤网安装到吸水管 (图 15)

- (1) 将吸水管穿过随附的软管卡箍，然后轻轻用水润湿吸水管的内部。
- (2) 将滤网插入到底，然后使用平头螺丝刀拧紧软管卡箍。

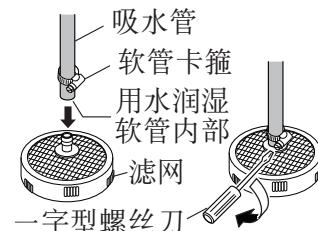


图 15

2. 将单触式接头 (黑色) 安装到吸水管 (图 16)

将随附的标准附件中的单触式接头 (黑色) 安装到吸水管。

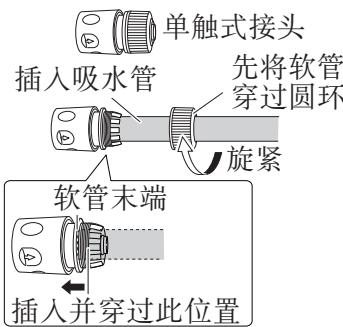


图 16

中文

3. 开始从吸水管吸水 (图 17)

将滤网软管套件沉入装满水的容器中。

开始吸水 (将水引入吸水管)。

注：

- 不要使用干净的水以外的任何水 (河水、池塘水或含有沙粒的浑水)。

否则可能导致故障。

- 在未安装喷嘴的情况下将开关设置为“ON”。

否则可能空载运转，导致故障。

4. 将单触式接头插入进水管接头 (图 18)

从积水中取出单触式接头，并将其插入清洗机上的进水管接头，同时确保软管不会漏水。

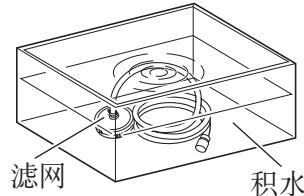


图 17



图 18

5. 检查以确保水正在流出 (图 19)

- (1) 取下喷枪的喷嘴后，将喷枪连接到高压软管上。

- (2) 插入电源插座，并将开关设置为“ON”。

- (3) 拉动喷枪的扳机，确认有足够的水流出后，将开关设置为“OFF”。

6. 安装喷嘴。

注：

若 2 分钟后，水仍未流出，请将开关设置为“OFF”。

否则可能导致故障 (空载运转)。



图 19

7. 清洗

将开关设置为“ON”，然后拉动喷枪的扳机开始清洗。

8. 清洁

除去滤网的所有污垢，用水清洗等水干后存放好。

清洗

警告！

- 不要在接通清洗机时拔下喷枪。

否则可能立即喷射出高压水射流，导致意外事故。

- 不要将喷嘴对准人或动物。

否则可能导致人身伤害。

注意！

- 若软管从水龙头或清洗机脱落，或者水流无法输送至清洗机，请立即将开关设置为“OFF”。
否则可能立即导致故障（空载运转）。
- 暂停操作时，务必将开关设置为“OFF”。
否则可能导致电机自动启动。
- 操作时，请将手指放在扳机中心（图 20）
否则可能夹伤手指。
双手紧握喷枪和喷嘴。
- 排水时，喷枪可能发生反冲。

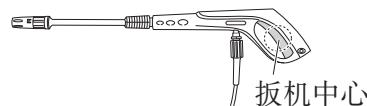


图 20

注：

- 水龙带卷绕在卷盘上时，请立即停止使用。
否则可能导致进水不足。
- 开始时，可以在约 2~3 米远处清洗目标物体，然后逐渐靠近并检查清洗情况，直至达到可高效去污的距离。
清洗机喷出的喷雾压力约比自来水的压力大 20 倍。高压水射流可能使要清洗物体的涂层损坏或剥落。
- 若使用后立即排出泵和软管中的空气，有时可能会导致无法稳定喷出水雾。
这种情况下，请将水流尽，直至恢复稳定。
- 拉动和松开扳机时，请至少间隔 2 秒以上。
否则可能导致压力继电器故障。
- 不要使清洗机连续运转超过三十分钟。

1. 将水龙头打开至最大。

将喷嘴指向安全的方向，然后将水龙头打开至最大。检查并确保接头处无漏水。

断开清洗机开关后松开扳机掣，将扳机从喷枪拔下，仅凭借自来水的压力即可从喷嘴排出少量的水。检查并确保无漏水。

注：

水龙头关闭状态下，不要接通清洗机。
否则可能导致故障。

2. 将开关设置为“ON”（图 21）

启动清洗机后，电机将开始运转。清洗机的水压达到足够值时，电机将自动关闭。

3. 拉动扳机（图 22）

双手紧握喷枪，将喷嘴对准要清洗的物体，然后拉动扳机。
喷出高压水射流。

根据需要调整喷嘴，切换“喷射”模式和“喷雾”模式。

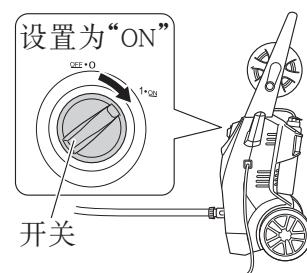


图 21

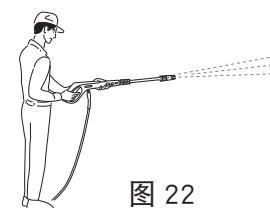


图 22

中文

扳机掣 (图 23)

喷枪上装有扳机掣，以防拉动扳机。

按照箭头所示的方向按压扳机掣，锁定或释放扳机。扳机掣

注：

若要暂停使用，请在清洗完毕后用扳机掣锁定扳机。

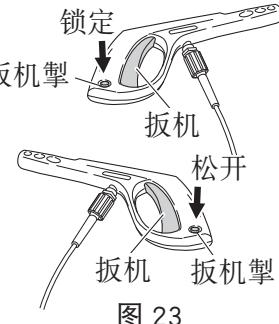


图 23

使用后

目标物体清洗完毕后，排净清洗机残余的水，并将其放于通风良好的场所进行干燥。

软管里的水在冬季可能会结冰，因此，请尽量将水排出并存放于室内。

警告！

使用后，确保已排净清洗机、喷枪和软管等装置内残余的水。

否则可能结冰，导致故障。

1. 从清洗机排水

(1) 停止进水。

(2) 将开关设置为“ON”，然后拉动喷枪的扳机排出清洗机内的水。持续上述操作直至排尽水（约 30～60 秒）。

(3) 按下喷枪的扳机掣将其锁定。

2. 将开关设置为“OFF”。

(1) 关闭清洗机。

(2) 从电源插座拔下电源线。

注：

清洗机开关一直接通有可能会产生空转，进而导致故障。

3. 拆下喷枪。

按照与“将高压软管安装到喷枪上”的内容相反的步骤进行操作，拆下喷枪。

4. 卷绕高压软管 (图 24)

使高压软管的末端低于卷盘，排净软管内残留的水后开始卷绕。

5. 从清洗机排水 (图 25)

(1) 将清洗机倾斜，排出剩余的水。

(2) 用干燥的抹布擦干水分。

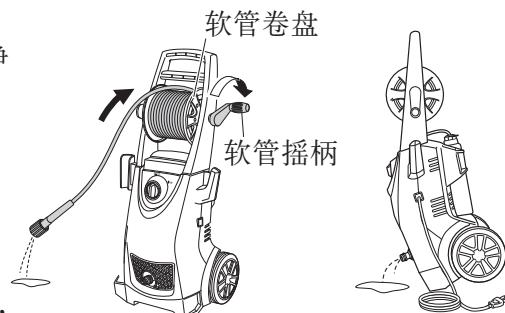


图 24

图 25

注意！

清洗机内的水可能会在冬季结冰，导致水泵损坏。

安全装置

清洗机配有以下安全装置以确保安全使用。

电源开关

防止清洗机意外运转。

可锁定的喷枪

防止拉动扳机，使清洗机意外运转。

压力继电器

防止清洗机内的压力超出容许水平。松开喷枪的拉杆，利用水压调节阀门停止泵操作，通过进水释放压力。拉动拉杆后可以重新启动泵。

热保护器

检测到电机中热量异常时可以停止运转保护电机。电机冷却后热保护器将重新启动。

维护和检查

警告！

检查和清洁清洗机时，请关闭清洗机电源并将插头从电源插座上拔下。

1. 检查清洗机和软管（图 26）

检查确认没有损坏、裂纹或变形。

务必定期使用喷嘴清洗通针清洁喷嘴孔。

注：

拆下喷枪并清洁喷嘴孔。

2. 检查滤网（图 27）

定期用水将网格的堵塞物清洗干净。

注：

使用扁嘴电工钳取下进水口的滤网。

3. 清洁清洗机

用肥皂水浸湿抹布，拧出多余的水分后擦拭清洗机。

不要使用汽油、稀释剂、苯、煤油等进行清洁。否则可能导致机器变形。

4. 检查螺丝是否松动。

定期检查螺丝是否松动，并拧紧松动的螺丝。否则可能导致危险。



图 26



图 27

5. 清洗机使用后的整理和存放（图 28）

当不使用或要携带清洗机时，可以如图 28 中所示将附件放入清洗机内。

清洗机长时间不使用时，避免将清洗机和附件放在以下环境中，应放在安全、干燥的地方。

- 不要放在儿童能够碰到或使用的地方。
- 不要暴露在房屋前等易于淋雨或非常潮湿的地方。
- 不要放在温度变化较大或阳光直射的地方。
- 不要放在含有易燃易爆物的挥发性物质的地方。

6. 更换电源线

如果需要更换电源线，请联系HiKOKI授权服务中心进行操作，以免发生危险。

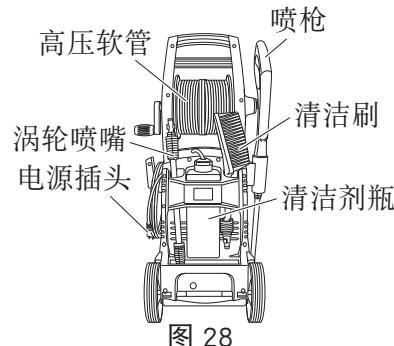


图 28

注意！

在电动工具的操作和维护期间，必须遵守每个国家制定的安全条例和标准。

故障解决方法

若工具无法正常运转，请按照下表进行检查。若仍无法解决问题，请咨询经销商或HiKOKI授权服务中心。

问题	可能原因	解决方法
拉动扳机后，电机未运转。	电源插头未插入电源插座。	将电源线插入电源插座。
	将开关设置为“OFF”。	接通开关。
	延伸线缆中途被拔下或断开。	更换延伸线缆或使用不同的电器检查。
	热保护器已启动。	参照第 17 页“安全装置”中的详细内容解决问题。
松开扳机后，电机继续运转。	水龙头的水量或压力过低。	<ul style="list-style-type: none">○ 将水龙头打开至最大。○ 整理好卷绕的水龙带和高压软管。○ 检查确认水龙带的内径是否适合。○ 检查确认水龙带未缠绕在卷筒上。
	发生漏水。	检查软管接头。

无法排水。	未连接水龙带。	连接水龙带。
	水龙带或高压软管卷绕。	解开卷绕。
	单触式接头的防回流阀未运转。	检查确认水龙带的内径是否适合。
	扳机掣已锁定。	参照第 16 页“扳机掣”中的详细内容解决问题。
	水龙头已关闭。	将水龙头打开至最大。
	喷嘴堵塞。	用喷嘴清洗通针清洁喷嘴末端。
	滤网堵塞。	参照第 17 页“检查滤网”中的详细内容清洗进水口的滤网。
水压未上升。	电源插头未插入电源插座。	将电源线插入电源插座。
	将开关设置为“OFF”。	接通开关。
	水龙头的水量或压力过低。	<ul style="list-style-type: none"> ○ 将水龙头打开至最大。 ○ 整理好卷绕的水龙带和高压软管。 ○ 检查确认水龙带的内径是否适合。 ○ 检查确认水龙带未缠绕在卷筒上。
	喷嘴堵塞。	用喷嘴清洗通针清洁喷嘴末端。
	电压过低。	检查确认延伸线缆的厚度和长度是否适中。
	发生漏水。	检查软管接头。

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GENERAL POWER TOOL SAFETY WARNINGS

WARNING

Read all safety warnings and all instructions.

Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

1. Make sure the work area is always kept neat and tidy.

Failure to observe this may result in accidents.

2. Take the surrounding environment into consideration when using the washer.

Make sure the work area is brightly lit.

Do not use the washer near flammable liquid or gas.

3. Beware of electric shocks.

Do not touch anything that is earthed (grounded) when using the High Pressure Washer.

(For example, pipes, heaters, microwave ovens, refrigerators, etc.)

4. Do not use the washer near children.

People other than the person using the washer must not be allowed to touch the washer or the cord.

People other than the person using the washer must not come near the work area.

5. Store the washer in a safe place when not in use.

Store the washer in a dry, high location or protected with a lock out of the reach of children.

6. Do not use the washer in inappropriate ways.

Use the High Pressure Washer within the limits of its capabilities to ensure safe and efficient results.

Do not use the washer for any purpose other than that for which it was designed.

7. Wear safe clothing when using the washer.

Use safety boots, gloves, helmets with visors and earplugs in accordance with necessity.

8. Use protective goggles and dust-protection masks when using the washer.

There is a chance that splashes and dust may enter the eyes and mouth when using the washer.

9. Do not handle the power cord roughly.

Do not carry the High Pressure Washer with only the power cord or pull the plug from the socket while holding the power cord.

Keep the power cord away from heat, oil and sharp corners.

10. Make sure the item being cleaned is firmly fixed in place.

There are cases in which the power of the water pressure will cause light objects to fly off.

Do not use the washer on light objects that cannot be fixed in place.

11. Maintain a proper stance when using the washer.

Make sure your feet are always placed firmly on the ground to maintain balance.

12. Pay close attention to maintaining the High Pressure Washer.

Clean the washer regularly to ensure safe and efficient use.

Refer to the instruction manual when replacing supplied parts.

Regularly check the power cord and ask your dealer for repairs in the event of it being damaged.

If using an extension cord, check it regularly and replace it in the event of it being damaged.

Make sure the grip is always kept dry and clean, and do not allow oil or grease to come into contact with it.

13. Switch off and unplug the High Pressure Washer in the following situations:

When it is not in use and when it is being repaired.

When attaching or detaching supplied or purchased parts.

In other situations in which risks seem apparent.

14. Always remove equipment used for adjustment purposes.

Check to make sure that all equipment used for adjustment purposes has been removed before switching on the power.

15. Avoid accidentally switching on the power.

Make sure you do not accidentally switch on the power to the washer when it is plugged in.

Check to make sure that the washer is switched off before plugging it into the power supply.

16. Inadequate extension cords can be dangerous.**17. Pay attention at all times when using the washer.**

Pay attention to the methods of use stipulated in the instruction manual and the surrounding environment when using the High Pressure Washer.

Do not use the washer when tired.

18. Only use specified accessories and attachments.

Using accessories and attachments other than those specified in the instruction manual or in HiKOKI catalogs may result in accidents or injuries and must be avoided at all costs.

19. High Pressure Washer repairs to be performed only by experts.

The High Pressure Washer conforms to all relevant safety regulations and must not be modified.

All repairs must be requested to HiKOKI authorized service centers. Attempting to carry out repairs without the correct skills may result in accidents or injuries.

English

20. **Do not use the machine if a supply cord or important parts of the machine are damaged, e.g. safety devices, high pressure hoses, trigger gun.**
Failure to observe this may result in the washer operating at higher speeds than normal, leading to overheating and the outbreak of smoke and fire, which may cause damage or injuries.
21. **Use a power supply that conforms to the voltage listed on the name plate.**
Failure to observe this may result in the washer operating at higher speeds than normal, leading to overheating and the outbreak of smoke and fire, which may cause damage or injuries.
22. **Use an independent power socket with a rated value of 15 A or more.**
Sharing a power socket with other equipment may result in the breaker shutting down.
23. **Hold the trigger gun firmly in both hands when using the washer.**
Failure to observe this may result in injury.
24. **High-pressure water can be dangerous if used incorrectly.**
High-pressure water jets must not be directed at people, animals, easily-broken items, electrical equipment or the washer itself.
25. **Do not use gasoline, oil, organic solvents or other inflammable or toxic liquids, or any other inappropriate liquid.**
Failure to observe this may result in explosions, the outbreak of fire or smoke, or other accidents, which may cause damage or injury.
26. **When washing automobile tires, make sure that the tip of the nozzle is kept at least 50cm distant from the surface being washed.**
Failure to observe this may result in damage to the tire or brakes, which may cause serious accidents.
27. **Do not touch the power plug or power socket with wet hands.**
Failure to observe this may result in electric shocks.
28. **High pressure cleaners shall not be used by children or untrained personnel.**
29. **Water that has flown through backflow preventers is considered to be non-potable.**
Make sure that a backflow valve is used without fail when connecting the washer to a drinking water faucet.
Water that has passed through the backflow valve cannot be used for drinking.
30. **Make sure that water is not splashed onto the High Pressure Washer, power cord, extension cable, power plug, power socket or other areas. Also, neither exposes it to rain nor use it in the rain.**
Failure to observe this may result in electric shocks.
31. **Do not hold the trigger gun when fixing it in place.**
32. **If the washer is not functioning normally or is emitting strange noises or vibrations switch it off immediately and contact HiKOKI authorized service centers to request inspections or repairs.**
Continued use may result in injury.
33. **If the washer is accidentally dropped or banged into something solid, inspect it for damage, cracks and malformation.**
Failure to observe this may result in injury.
34. **Do not direct the jet against yourself or others in order to clean clothes or foot-wear.**
35. **Always switch off the mains disconnecting switch when leaving the machine unattended.**

CAUTION

1. Purge all of the pressure within the washer before disconnecting the high-pressure hose.
2. Attach all supplied accessories correctly in accordance with the instruction manual.
Failure to observe this may result in the accessories becoming detached or in injury.
3. Check to make sure that no foreign matter is adhering to the object being washed.
Failure to observe this may result in the matter flying off and causing unexpected injury.
4. Do not spray a jet of water at the areas surrounding labels on the object being washed.
Failure to observe this may result in the labels peeling off.
5. Grip the handle firmly when carrying the washer.
6. Do not use any accumulated water other than clean water from the faucet (water containing dirt, mud, sand, etc.) when using the auto-suction function.
7. Children should be supervised to ensure that they don't play with the appliance.

SYMBOL**WARNING**

The following show symbols used for the machine. Be sure that you understand their meaning before use.

	To reduce the risk of injury, user must read instruction manual. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.	<input type="checkbox"/>	Class II tool
		<input type="checkbox"/>	Warning
		<input type="checkbox"/>	Volts
		<input type="checkbox"/>	Amperes
	High-pressure water can be dangerous if used incorrectly. High-pressure water jets must not be directed at people, electrical equipment or the washer itself.		Hertz
			Watts
			Kilograms
~	Alternating current		Megapascals

SPECIFICATIONS

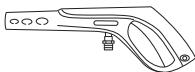
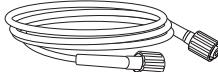
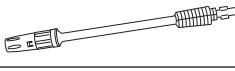
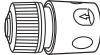
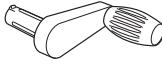
Model	AW150
Voltage (by areas)*1	Single-phase AC 50/60 Hz Voltage 220 V to 240 V
Power input*1	2000 W
Max. discharge pressure (1MPa: 10.2 kgf/cm ²)	11.0 MPa
Max permissible pressure	15.0 MPa
Max feed pressure	1.0 MPa
Max water discharge	6.67 L/min
Permissible temperature	40 °C or less
Dimensions (Length x Width x Depth)	425 mm x 345 mm x 905 mm (Including the hose handle, power cord holder, gun holder, gun support and water feed connector)
Weight*2	12.4 kg

*1 Be sure to check the nameplate on product as it is subject to change by areas.

*2 Weight: Excluding the power cord, weight consists of trigger gun, high-pressure hose, variable nozzle, water feed connector and accessory holder.

STANDARD ACCESSORIES

In addition to the main unit (1 unit), the package contains the accessories listed in the below.

	Trigger gun	1
	High-pressure hose (10 m)	1
	Variable nozzle (with pressure adjuster)	1
	Turbo nozzle	1
	Detergent bottle nozzle (stored inside the unit)	1
	One-touch joint (black) (For use with the strainer hose)	1
	Water feed connector	1
	Nozzle cleaner pin	1
	Gun holder	1
	Hose handle	1
	Gun support (with 1 attachment screw)	1

OPTIONAL ACCESSORIES (sold separately)

Items shown in [] are sold separately. Contact HiKOKI authorized service centers for replacements if the standard accessories become damaged or broken.



Variable nozzle
(With pressure adjuster)
[Standard accessory]



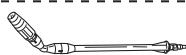
Turbo nozzle
[Standard accessory]



Cleaning brush
Washes away dirt that has been dislodged with the brush.



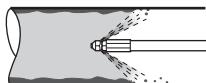
Rotary brush
The central brush is rotated by water pressure for cleaning the windows and other items with large surfaces.



Angle nozzle (variable)
Used for cleaning difficult-to-reach places, such as the underneath of cars and ceilings, etc.



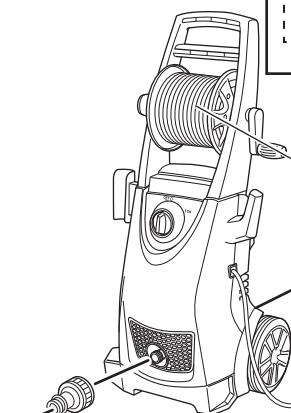
Pipe cleaning kit (7.5 mm hose)
High-pressure water jets from the front of the hose are reversed to clean the inside of the pipe.



Trigger gun
[Standard accessory]



High-pressure extension hose
(10 m)
Extends the length of the high-pressure hose supplied.



High-pressure hose
[Standard accessory]

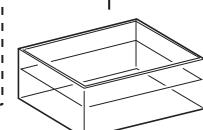
Water feed connector
[Standard accessory]



One-touch joint (black)
[Standard accessory]



Strainer hose set



Accumulated water

APPLICATIONS

- Cleans screen doors, window glass, floors, walls, etc.
- Cleans automobiles, motorbikes, etc.
- Cleans mud off gardening equipment and agricultural equipment.

PRIOR TO OPERATION

1. Installation of an earth leakage circuit breaker

It is recommended that an earth leakage circuit breaker is connected to the washer to shut off the power if leaking current exceeds 30 mA for 30 milliseconds in order to prevent electric shocks.

2. Keep the work area neat and tidy

Dirty water will be sprayed about when using the washer. It is therefore necessary to check the area to make sure there are no hindrances, and keep the work area neat and tidy.

3. Situating the washer

Select flat locations where the washer will not be splashed with water when cleaning.

4. Using extension cords

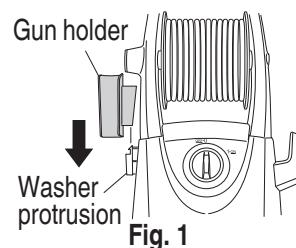
Make sure the cord is thick enough to provide a constant supply of electricity, and use cords that are as short as possible.

Acceptable cord thicknesses (Nominal cross sectional area cable) and cord length are indicated in the table below.

Cord Thickness (mm ²)	Cord Length (m)
1	12.5
1.5	20
2.5	30

5. Attaching the gun holder (Fig. 1)

Align the groove on the gun holder with the protrusion on the washer and push until it clicks into place.



6. Prepare a water feed hose (Fig. 2)

Prepare the following when using water feed hoses:

- Hoses that can withstand pressure (equipped with meshes)
- Hoses with an inner diameter of 14 to 15 mm.
- Hoses with an outer diameter of 20 mm or less.

7. Attaching the gun support (Fig. 3)

- (1) Press the protrusion on the gun support into the long hole on the washer at an angle shown in the illustration.
- (2) Firmly screw the screw supplied into the screw hole with a Phillips screwdriver.

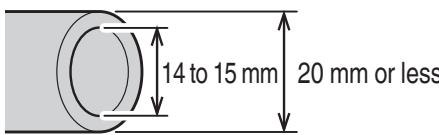


Fig. 2

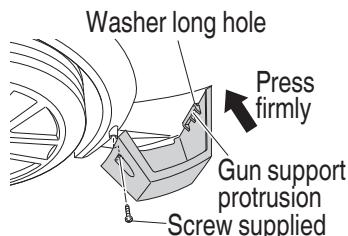


Fig. 3

English

8. Attaching the hose handle (Fig. 4)

- (1) Insert the hose handle into the attachment hole on the washer.
- (2) Press down while rotating it until it reaches a position approximately 15 mm deep.
- (3) Continue to press down and rotate it until it clicks into place at approximately 15 mm deep.

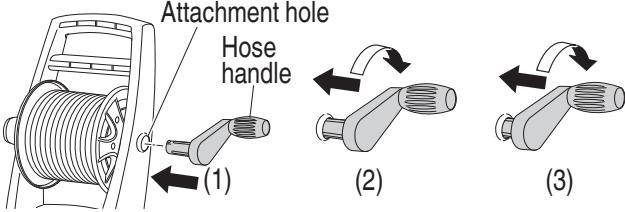


Fig. 4

INSPECTIONS PRIOR TO USE

WARNING

Check the following before using the washer. Check the items listed in 1 and 2 before plugging into the power socket.

1. Check to make sure the switch is at the "OFF" position (Fig. 5)

Plugging the washer into the power socket with the switch set at "ON" will cause the washer to immediately begin operating, which may result in unexpected injuries.

2. Check the power supply

Only use a rated voltage.

Do not use motor engines are direct current. Failure to observe this will not only result in damage to the washer, it is also very dangerous.

3. Check the power socket

If the power socket is loose or the plug is easily dislodged, it needs to be repaired. It is dangerous to use it in this condition. Consult with your local electrical engineering outlet.

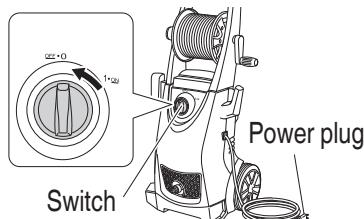


Fig. 5

ATTACHING PARTS

Make sure all parts are correctly attached in the following sequence in order to guarantee safe usage.

WARNING

Switch off the washer and disconnect it from the power socket without fail to prevent unexpected accidents.

1. Attach the water feed connector to the water feed inlet on the washer (Fig. 6)

Remove the cap on the washer's water feed inlet and firmly attach the water feed connector.

Loose connections may result in water leaks.

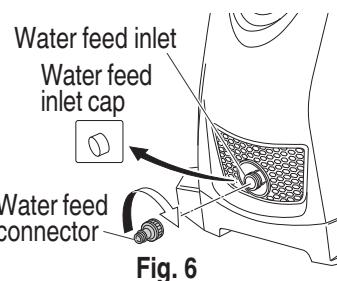


Fig. 6

2. Pull the high-pressure hose from the hose reel (Fig. 7)

Pull the entire length of the high-pressure hose from the reel while steadyng the reel to prevent it from toppling over.

NOTE

Using the washer with part of the hose wrapped around the reel may result in insufficient pressure or abnormal vibrations.

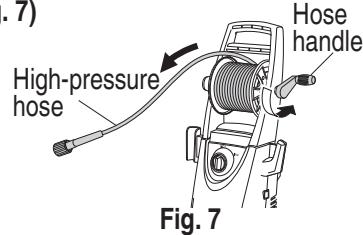


Fig. 7

3. Attach the high-pressure hose to the trigger gun. (Fig. 8)

Grip the thick end of the high-pressure hose, insert it into the connector on the trigger gun, and then rotate the ring on the hose to fix it in place.

NOTE

- Moisten the O-ring with water to facilitate the connection if it is difficult to insert the hose.
- If the ring cannot be tightened, it means that the end of the high-pressure hose has not been sufficient inserted.

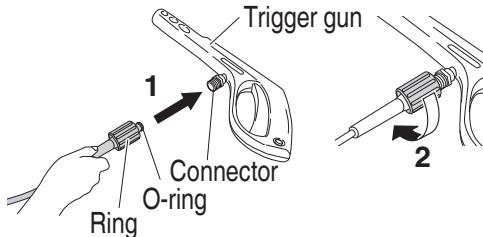


Fig. 8

4. Attach the nozzle to the trigger gun.

<Attachment (Fig. 9)>

- (1) Align the protrusion on the nozzle with the entry hole on the trigger gun and press it into place.

NOTE

- Remove all dirt, mud and other matter from the trigger gun's entry hole and the protrusion on the nozzle.
- Moisten the O-ring with water to facilitate the connection if it is difficult to insert the nozzle.

- (2) Press down firmly on the nozzle and then rotate it in the direction of the arrow until it stops (half rotation.)
- (3) Check to make sure that the nozzle cannot be pulled out once it has been attached.

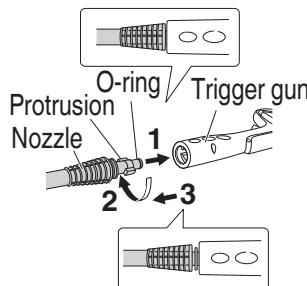


Fig. 9

<Detachment (Fig. 10)>

Press down firmly on the nozzle and then rotate it counter-clockwise until it stops. The nozzle can be withdrawn at that position.

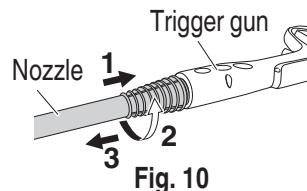


Fig. 10

USING DIFFERENT NOZZLES

Variable nozzle (with pressure adjustor) (Fig. 11)

The variable nozzle (with pressure adjustor) can be used to alternation between "Jet" and "Spray" and between "High Pressure" and "Low Pressure".

Rotate the end on the nozzle clockwise for "Jet", and counter-clockwise for "Spray".

Also, rotate the pressure adjuster clockwise for "Low Pressure", and counter-clockwise for "High Pressure".

- **Jet washer**

A water jet is discharged in a direct line to remove stubborn mud and other dirt from agricultural machinery, etc.

- **Spray washer**

The water is discharged in a wide fan for cleaning walls, motorbikes and automobiles, etc.

The entire nozzle can be rotated by approximately 90 degrees to change the shape of the spray between horizontal and vertical.

NOTE

- The pressure adjuster will also be rotated when alternating between "Jet" and "Spray", so readjust this to the required setting after making the adjustment.
- Set the spray adjustment to "Jet" first of all, and then gradually move it to the "Spray" position while pulling the trigger.
Note that there is a chance of the water being sprayed horizontally over a wide area if this is rotated fully to the "Spray" position.
- Note that the nozzle may be damaged if it is forced to move past the stop position when alternating between "Jet" and "Spray".

Turbo nozzle

The turbo nozzle rotates as it sprays high-pressure jets of water for efficient washing.

NOTE

The turbo nozzle only discharges powerful jets of water when set at the "Jet" mode.

Avoid using this on items that are easily broken or for which coatings are easily peeled.

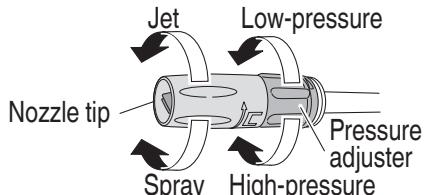


Fig. 11

USING THE DETERGENT BOTTLE (Fig. 12)

Sprays water mixed with detergent.

Uses neutral detergents available on the open market.

WARNING

Do not use acidic or alkali detergents. Use only neutral detergents available on the open market.

Using detergents other than neutral detergents or chemical agents may result in accidents or malfunctions.

NOTE

Check to make sure that the water feed pipe is firmly connected to the washer.

The detergent will not be mixed with the spray otherwise.

- ① Remove the cap from the detergent bottle and pour the detergent into it.
- ② Make sure the filter on the tip of the detergent bottle's water feed pipe is inserted into the liquid and then tighten the cap firmly.

NOTE

Only the "Low Pressure" setting can be used for variable nozzles (with pressure adjustors) when using the detergent bottle.

The detergent will not be sprayed if the "High Pressure" setting on variable nozzles (with pressure adjustors) or turbo nozzles are used.

- ③ Set the adjustor to "Low Pressure" when using variable nozzles (with pressure adjustors.)
- ④ Water containing the detergent will be sprayed at low pressure when the trigger on the trigger gun is pulled.

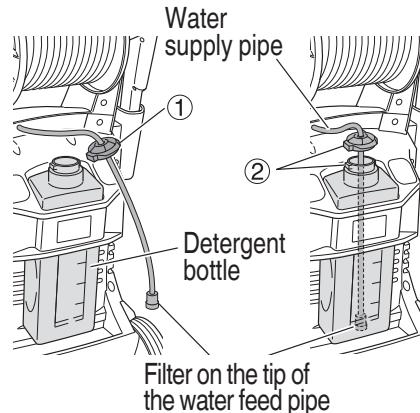


Fig. 12

Cleaning the detergent bottle (Figs. 13 and 14)

- ① Remove the detergent bottle's water feed pipe from the washer.
- ② Push the detergent bottle from the bottom and withdraw it from the top.
- ③ Wash the detergent bottle, water feed pipe and filter with water from the faucet.
- ④ When reattaching the bottle, hold it as shown in **Fig. 14**, and then push the protrusion on the bottom in as far as it will go.
- ⑤ Insert the water feed pipe into the washer and tighten the cap while making sure dust or dirt does not enter.

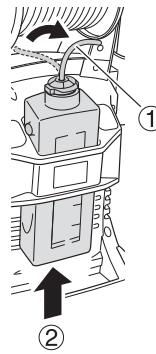


Fig. 13

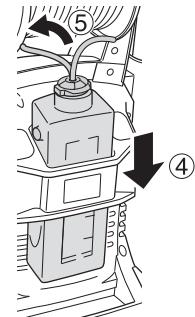


Fig. 14

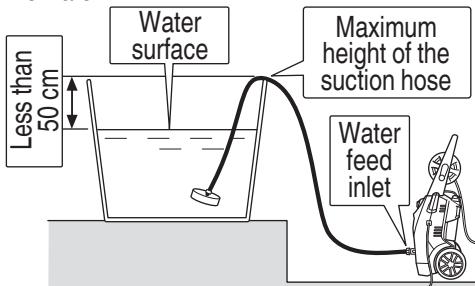
USING THE STRAINER HOSE SET (sold separately)

The separately-sold strainer hose set is equipped with a function that will automatically suck water from a water tank, etc., when attached to the AW150.

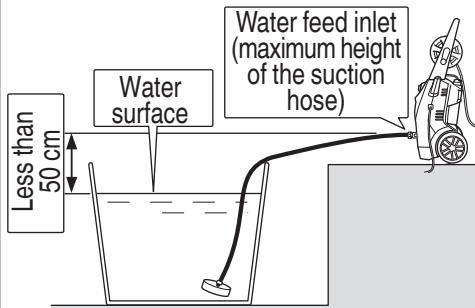
The maximum height of suction (lifting range) is approximately 0.5 m.

Attach this correctly in accordance with conditions.

Suction height when the height of the water feed outlet is lower than the maximum height of the suction hose: From the maximum height of the suction hose to the surface of the water.



Suction height when the height of the water feed outlet is the same as the maximum height of the suction hose: From the water feed outlet to the surface of the water.



1. Attaching the strainer to the suction hose (Fig. 15)

- (1) Pass the suction hose through the hose band supplied and then gently moisten the inside of the suction hose with water.
- (2) Insert the strainer as far as it will go, and then firmly tighten the hose band with a flat-headed screwdriver.

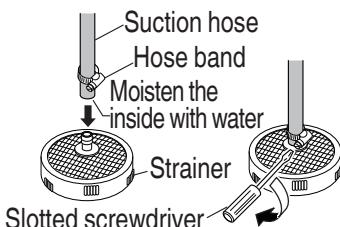


Fig. 15

2. Attaching the one-touch joint (black) to the suction hose (Fig. 16)

Attach the one-touch joint (black) supplied as a standard accessory to the suction hose.

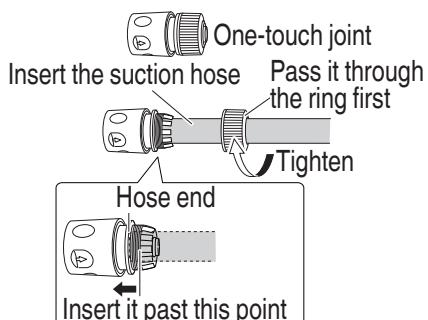


Fig. 16

3. Starting the suction hose water suction process (Fig. 17)

Sink the strainer hose set into a container filled with water.

Start off the suction process (introduce water to the suction hose.)

NOTE

- Do not use anything other than clean water (river or pond water, muddy water containing sand granules.)
Failure to observe this may result in malfunctions.
- Set the switch at "ON" without the nozzle attached.
Failure to observe this may result in dry operations, leading to malfunctions.

4. Insert the one-touch joint into the water feed connector (Fig. 18)

Withdraw the one-touch joint from the accumulated water and insert it into the water feed connector on the washer while making sure that the water inside the hose does not escape.

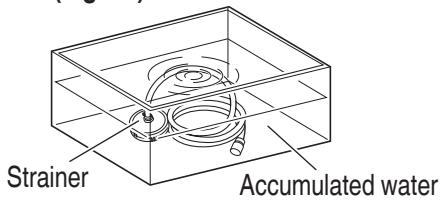


Fig. 17

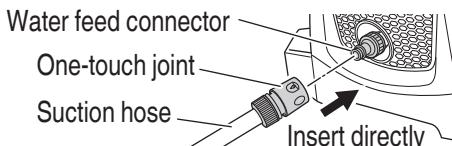


Fig. 18

5. Check to make sure the water is flowing out (Fig. 19)

- (1) Connect the trigger gun from which the nozzle has been removed to the high-pressure hose.
- (2) Plug in the power socket and set the switch to "ON".
- (3) Pull the trigger gun's trigger, and then set the switch to "OFF" after checking that sufficient water is flowing out.

6. Attach the nozzle.

NOTE

Set the switch at "OFF" if water does not flow out within two minutes.

Failure to observe this may result in malfunctions (dry operations.)

7. Washing

Set the switch at "ON" and pull the trigger gun's trigger to commence washing.

8. Cleaning

Remove all dirt from the strainer's grill, wash it with water and store it after it has dried.

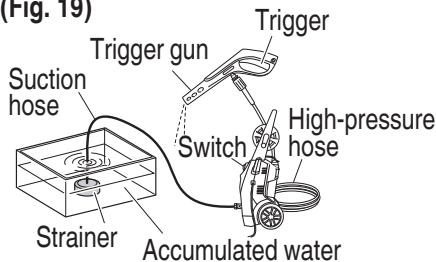


Fig. 19

WASHING

WARNING

- Do not switch the washer on while the trigger is being pulled.
Failure to observe this may result in high-pressure water being sprayed immediately, leading to unexpected accidents.
- Do not point the nozzle at people or animals.
Failure to observe this may result in injury.

CAUTION

- Set the switch to “OFF” immediately if the hose becomes detached from the faucet or washer, and if water is no longer being fed to the washer.
Failure to observe this may result in immediate malfunctions (dry operations.)
- Set the switch to “OFF” without fail when temporarily suspending operations.
Failure to observe this may result in the motor automatically starting up.
- Place your finger in the center of the trigger during operations (Fig. 20)
Failure to observe this may result in injury from pinched fingers.
Grip the gun and nozzle firmly with both hands.
- The trigger gun may kick back when water is discharged.

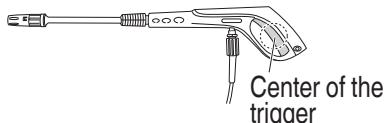


Fig. 20

NOTE

- Do not use the water hose when it is wound onto the reel.
Failure to observe this may result in insufficient water feed.
- Commence initial washing approximately 2 to 3 meters away from the targeted item, and then move gradually closer while checking the level of cleaning until you reach a distance in which soiling is effectively washed away.
The pressure of the spray from the washer is approximately 20-times greater than tap water. High-pressure water jets may therefore damage or peel the coating from the items being washed.
- There are cases when the water spray will appear unstable owing to the fact that air that has built up in the pump and hose is purged together with the water immediately after use. In this event, allow the water to flow out until it stabilizes.
- Leave two or more seconds gap between pulling and releasing the trigger.
Failure to observe this may result in the pressure switch malfunctions.
- Do not use the washer for more than thirty consecutive minutes without giving it a break.

1. Open the faucet to its fullest.

Point the nozzle in a safe direction and then fully open the faucet. Check to make sure no water is leaking from the joints.
Release the trigger stopper with the washer switched off, pull the trigger on the trigger gun to discharge a small amount of water from the nozzle with just the pressure from the tap water. Check to make sure that no water is leaking.

NOTE

Do not switch the washer on with the faucet turned off.
Failure to observe this may result in malfunctions.

2. Set the switch to the "ON" position (Fig. 21)

The motor will start operating when the washer is switched on. The motor will automatically switch off once sufficient water pressure has built up inside the washer.

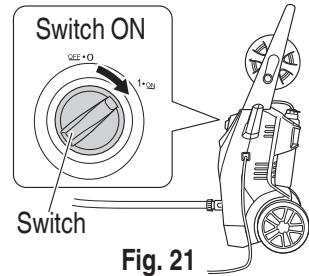


Fig. 21

3. Pull the trigger (Fig. 22)

Hold the trigger gun firmly in both hands, point the nozzle at the item to be washed, and then pull the trigger.

The high-pressure water jet will spray out.

Adjust the nozzle between "Jet" and "Spray" in accordance with need.

Trigger stopper (Fig. 23)

The trigger gun is fitted with a trigger stopper to prevent the trigger from being pulled.

The trigger is locked and released by pressing the stopper in the direction shown by the arrows.

NOTE

Lock the trigger with the trigger stopper during pauses and after washing has been completed.

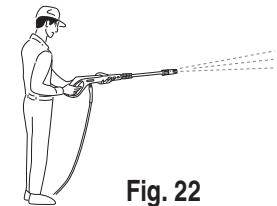


Fig. 22

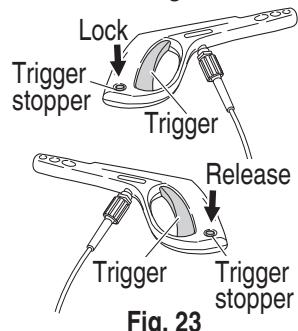


Fig. 23

ON COMPLETION OF USE

Once the targeted item has been washed, drain the residual water from the washer and store it in a well-ventilated location to dry.

There are cases in which water left in the hose may freeze during the winter, so drain as much water as possible and store it indoors.

WARNING

Make sure all residual water is drained from the washer, the trigger gun and the hose, etc., after use.

Failure to observe this may result in freezing, leading to malfunctions.

1. Draining water from the washer

- (1) Stop the water supply.
- (2) Set the switch to "ON" and pull the trigger on the trigger gun to drain the water from the inside of the washer. Continue this until water is no longer discharged (approximately 30 to 60 seconds.)
- (3) Press the trigger stopper on the trigger gun to lock it in place.

English

2. Set the switch to “OFF”.

- (1) Switch off the washer.
- (2) Unplug the power cord from the mains socket.

NOTE

Leaving the washer switched on may result in dry operations, leading to malfunctions.

3. Detach the trigger gun.

Follow the reverse procedure explained in “Attach the high-pressure hose to the trigger gun” to detach the trigger gun.

4. Rewind the high-pressure hose (Fig. 24)

Place the end of the high-pressure hose at a position lower than the reel and then rewind it while draining out all residual water.

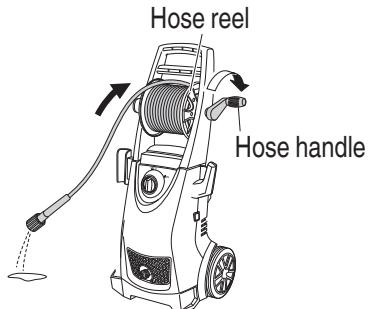


Fig. 24

5. Drain the water from the washer (Fig. 25)

- (1) Tilt the washer to drain out the residual water.
- (2) Wipe away all moisture with a dry cloth.

CAUTION

Water left in the washer may freeze in the winter, which could result in damage to the pump.

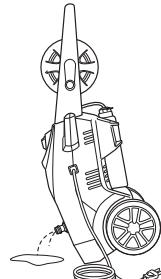


Fig. 25

SAFETY MECHANISMS

The washer is equipped with the following safety mechanisms to ensure safe usage.

Power switch

This prevents the washer from being unintentionally operated.

Trigger gun equipped with a lock

This prevents the trigger from being pulled, unintentionally operating the washer.

Pressure switch

This prevents the pressure inside the washer from exceeding permissible levels. Releasing the lever on the trigger gun causes the valve operated by water pressure to halt pump operations, which allows the pressure to be released through the water feed. The pump is started again when the lever is pulled.

Thermal protector

This protects the motor by halting operations when abnormal heat is detected in the motor. It will start operating again when the motor cools down.

MAINTENANCE AND INSPECTION

WARNING

Switch off the washer and disconnect the plug from the power socket without fail when inspecting and cleaning it.

1. Inspecting the washer and hoses (Fig. 26)

Check to make sure that there is no damage, cracks or malformations.

Make sure you clean the hole on the nozzle with the nozzle cleaner pin supplied on a regular basis.

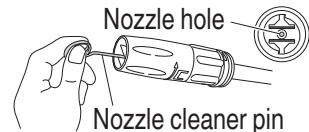


Fig. 26

NOTE

Detach the trigger gun and clean the nozzle hole.

2. Inspecting the strainer (Fig. 27)

Wash all blockages out of the grid with water on a regular basis.

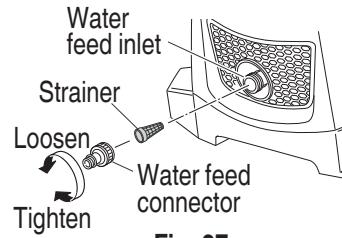


Fig. 27

NOTE

Withdraw the strainer from the water feed inlet with the use of flat radio pliers.

3. Clean the washer

Squeeze the excess moisture from a cloth soaked in soap and water and wipe the washer. Do not use gasoline, thinner, benzene, kerosene, etc. Failure to observe this may result in malformations.

4. Check for loose screws.

Check for loose screws on a regular basis and tighten any screws that are loose. Failure to observe this could be dangerous.

5. Tidying up and storing the washer after use (Fig. 28)

The accessories can be stored inside the washer as shown in **Fig. 28** when not in use and when being carried around.

Avoid the following environments and store the washer and accessories in a safe, dry location when not in use.

- Do not store within the reach of children, or in locations where children can use it.
- Do not store in location where rain can reach it, such as in front of the house, or in locations with high humidity.
- Do not store in locations that are subject to drastic changes in temperature or direct sunlight.
- Do not store in locations containing volatile substances that may ignite or explode.

6. Replacing supply cord

If the replacement of the supply cord is necessary, it has to be done by a HIKOKI Authorized Service Center to avoid a safety hazard.

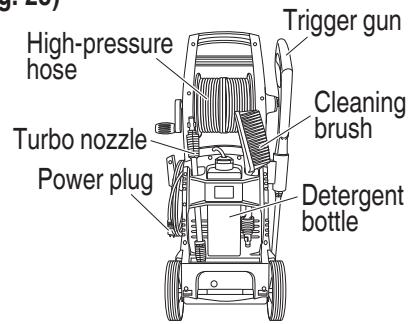


Fig. 28

CAUTION

In the operation and maintenance of power tools, the safety regulations and standards prescribed in each country must be observed.

TROUBLESHOOTING

Use the inspections in the table below if the tool does not operate normally. If this does not remedy the problem, consult your dealer or the HiKOKI Authorized Service Center.

Symptom	Possible cause	Remedy
The motor won't operate when the trigger is pulled.	The power plug is not plugged into the power socket.	Plug the power cord into the power socket.
	The switch is set at "OFF"	Switch the washer on.
	The extension cord is unplugged or severed midway.	Replace the extension cord or check it with a different electrical appliance.
	The thermal protector has been activated.	Remedy the problem in accordance with the details listed in "Safety Mechanisms" on page 36.
The motor continues operating when the trigger is released.	The water volume or pressure from the faucet is too low.	<ul style="list-style-type: none">○ Open the faucet fully.○ Unravel any twists in the water hose and high-pressure hose.○ Check to make sure that the inner diameter of the water hose is correct.○ Check to make sure that the water hose is not wound onto the reel.
	Water is leaking.	Check the hose connections.
Water is not being discharged.	The water hose is not connected.	Connect the water hose.
	The water hose or high-pressure hose is twisted.	Unravel the twists.
	The backflow valve on the one-touch joint is not operating.	Check to make sure that the inner diameter of the water hose is correct.
Water is not being discharged.	The trigger stopper is locked.	Remedy the problem in accordance with the details listed in "Trigger Stopper" on page 35.
	The faucet it turned off.	Open the faucet fully.
	The nozzle is blocked.	Clean the end of the nozzle with the nozzle cleaner pin supplied.
	The strainer is blocked.	Wash the strainer, which is incorporated into the water feed inlet, in accordance with the details listed in "Inspecting the Strainer" on page 37.

The water pressure won't rise.	The power plug is not plugged into the power socket.	Plug the power cord into the power socket.
	The switch is set at "OFF".	Switch the washer on.
	The water volume or pressure from the faucet is too low.	<ul style="list-style-type: none"><input type="radio"/> Open the faucet fully.<input type="radio"/> Unravel any twists in the water hose and high-pressure hose.<input type="radio"/> Check to make sure that the inner diameter of the water hose is correct.<input type="radio"/> Check to make sure that the water hose is not wound onto the reel.
	The nozzle is blocked.	Clean the end of the nozzle with the nozzle cleaner pin supplied.
	The electrical voltage is too low.	Check to make sure that the thickness and length of the extension cord is appropriate.
	Water is leaking.	Check the hose connections.

服务中心
高壹工机商业(上海)有限公司
上海市闵行区召楼路3576号5幢

制造商
工机控股株式会社
日本国东京都港区港南

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