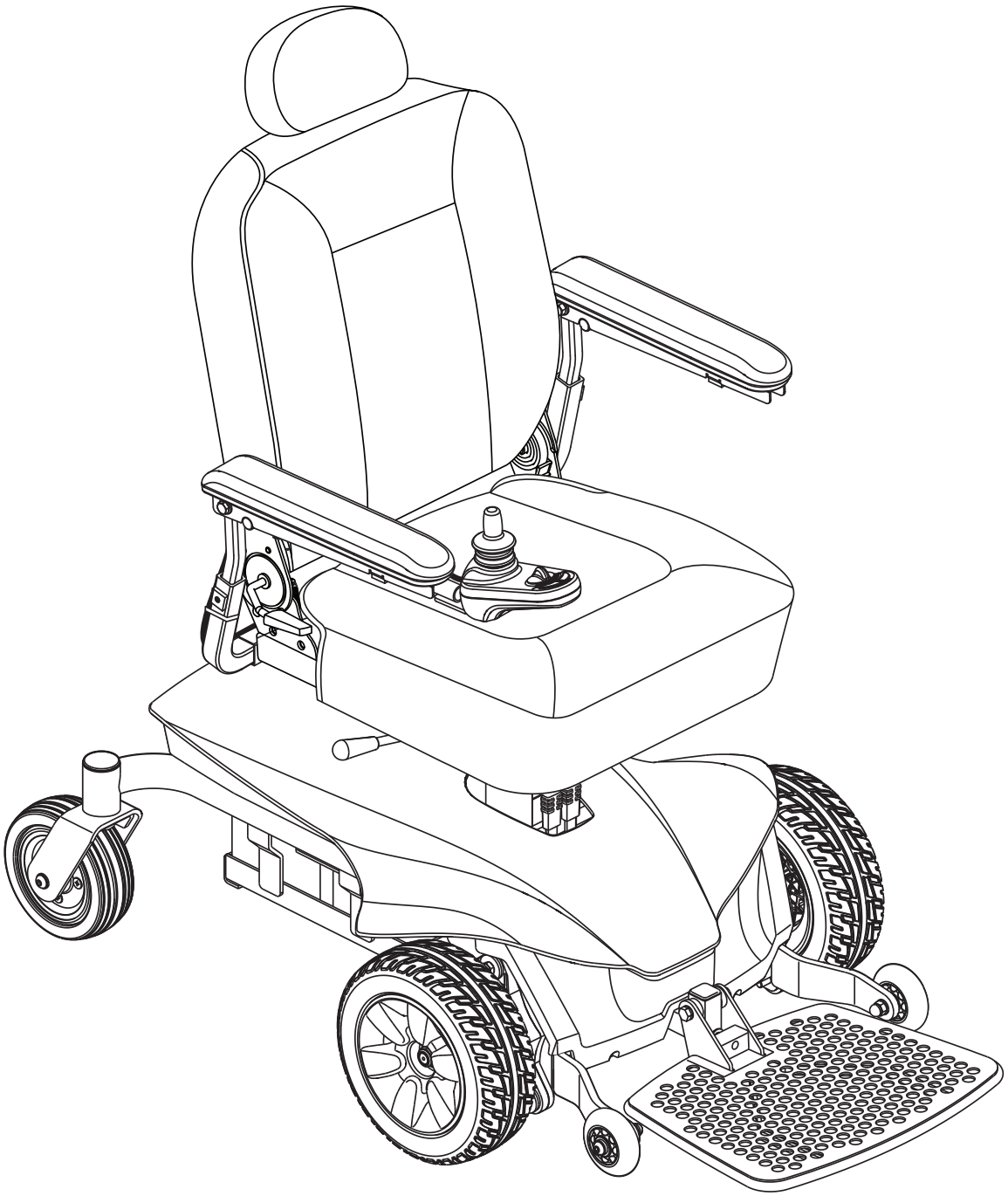
用户使用手册

Jazzy 系列

包括型号:
Jazzy Elite ES, Jazzy Elite ES Portable, Jazzy Sport Portable, Jazzy Select Elite



一、安全指南

警告！经授权供应商或合格的技术人员必须对本产品进行初始设置，并且执行本手册中的所有说明。

下列标志在本用户手册中以及电动轮椅上用以识别警告与重要信息。请阅读并完全理解其含义。这一点至关重要。

警告！表明有潜在的危险条件/情况。未遵循指定程序可能造成人身伤害、组件损坏或发生故障。该图标在产品上表示为一个黑色边框黄色三角形上的黑色标志。

强制性！这些行为应按规定执行。未执行强制性行为可能造成人身伤害和/或设备损坏。该图标在产品上表示为一个白色边框蓝色圆点上的白色标志。

禁止！这些行为被禁止。在任何时候或任何情况下，都不应这样做。否则会导致人员伤害和/或设备损坏。该图标在产品上表示为一个红色圆圈与红色斜杠的黑色标志。

快速参考信息

授权供应商:_____

地址:_____

电话号码:_____

购买日期:_____

备注：本用户手册系根据出版时最新的规格和产品信息制订。我公司保留在必要情况下进行修订的权利。对产品的任何修改均可能导致手册中的图示和说明和您购买的产品间出现细微差异。您可以访问我公司网站获取最新/当前版本的用户手册。

备注：本产品符合WEEE、RoHS以及REACH指令和要求。

注意：本产品符合国际电工委员会(IEC 60529)评定的异物防护等级X4级(IPX4)标准。

注：该产品和零件都不是以天然乳胶为原材料制造的。关于售后零配件信息请咨询相应制造商。

INFMANU4486/Rev E/November 2020

目录

二、安全

产品安全标志
下列标志在电动轮椅上用以识别警告、强制性行为和禁止行为。请阅读并完全理解其含义。这一点至关重要。

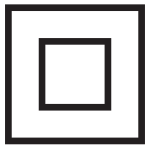
备注：在您的电动轮椅配送的用户安全指南中标出并解释了更多的警告图标。请熟悉掌握安全指南中的所有警告和安全信息，并经常参考本手册内容。

阅读并遵照用户手册中的信息。

未上锁自由滚动模式

上锁及驱动模式

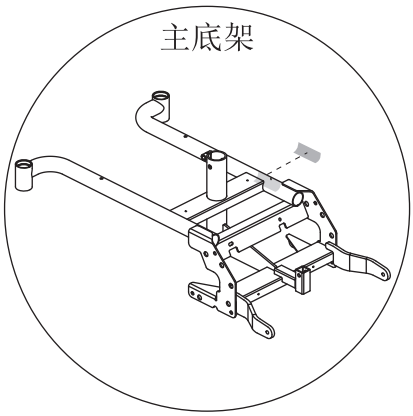
制造厂



二类设备

电动轮椅不可进入机动车道

电动轮椅信息标签



二、安全

通用指南

强制性！首次使用新电动轮椅前，应彻底读懂用户手册。

您购买的电动轮椅是一款可提高生活质量的先进装置，其目的是增加机动性。大范围的产品选择，迎合代步车用户的不同个人需求。请注意电动轮椅使用类型的最终选择和购买决定系轮椅使用者（有能力做出此决定）及其医疗人员（即，医师、理疗师等）责任。

本手册的编制前提是，机动装置专家已为轮椅使用者正确安装了轮椅并在产品使用过程中为医疗人员和/或授权供应商提供了协助。

一些情况下，如电动轮椅使用者因身体状况而需在有受训护理人员在场的情况下才能练习操作本电动轮椅。受训护理人员可以是家庭成员也可以是在各种日常生活活动中帮助电动轮椅用户的经过专门培训的专业护理人员。

当您开始在日常活动中使用您的电动轮椅时，您可能会遇到需要练习的情况。简而言之，您需要花些时间进行练习，要不了多久您就会对穿过门道、上下电梯、上下坡、穿越普通地形等完全掌控自如。

以下是帮助您适应安全操作电动轮椅的一些预防措施、技巧和其他安全注意事项。

乘坐前安全检查

了解一下您的电动轮椅的触感和功能。我们建议您每次使用您动力车之前先做安全检查确保开车顺利安全。

使用您的电动轮椅前进行下述检查：

- 检查轮胎是否适当充气。若配置的是充气轮胎，则要保持不超过每个轮胎指定的空气压力额定值 psi/bar/kPa。
- 检查所有电气连接。确保它们连接紧密，无腐蚀。
- 检查所有到动力底座的控制器连接。确保它们正确连接。
- 检查制动器，见七部分“维护与保养”。
- 检查蓄电池充电情况，见六部分“蓄电池与充电”。
- 坐上电动轮椅之前，请确保手动自由控制杆处在驱动模式。

注意：若您发现任何问题，请联系当地授权供应商以获得帮助。

三、电动轮椅

JAZZY ELITE SERIES电动轮椅

Jazzy Elite Series 电动轮椅有两大主要组件：座位组件及动力底座组件，见图1.座位组件通常包括扶手、靠背和基座。动力底座组件包括2个电动机/制动组件、2个驱动轮、2个后脚轮、2个前防倾轮、2个蓄电池及电线束。

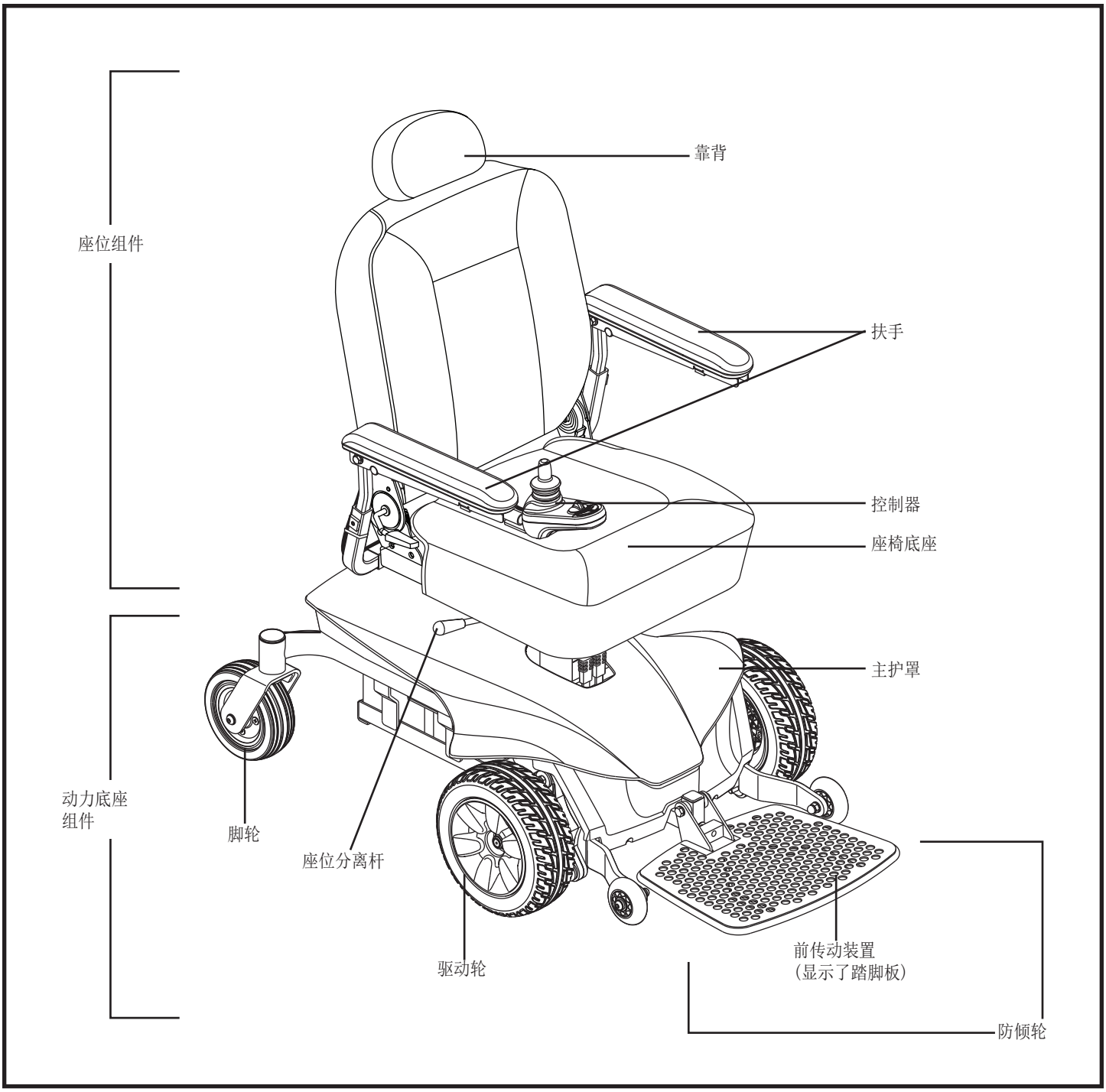


图1　Jazzy Elite Series电动轮椅

三、电动轮椅

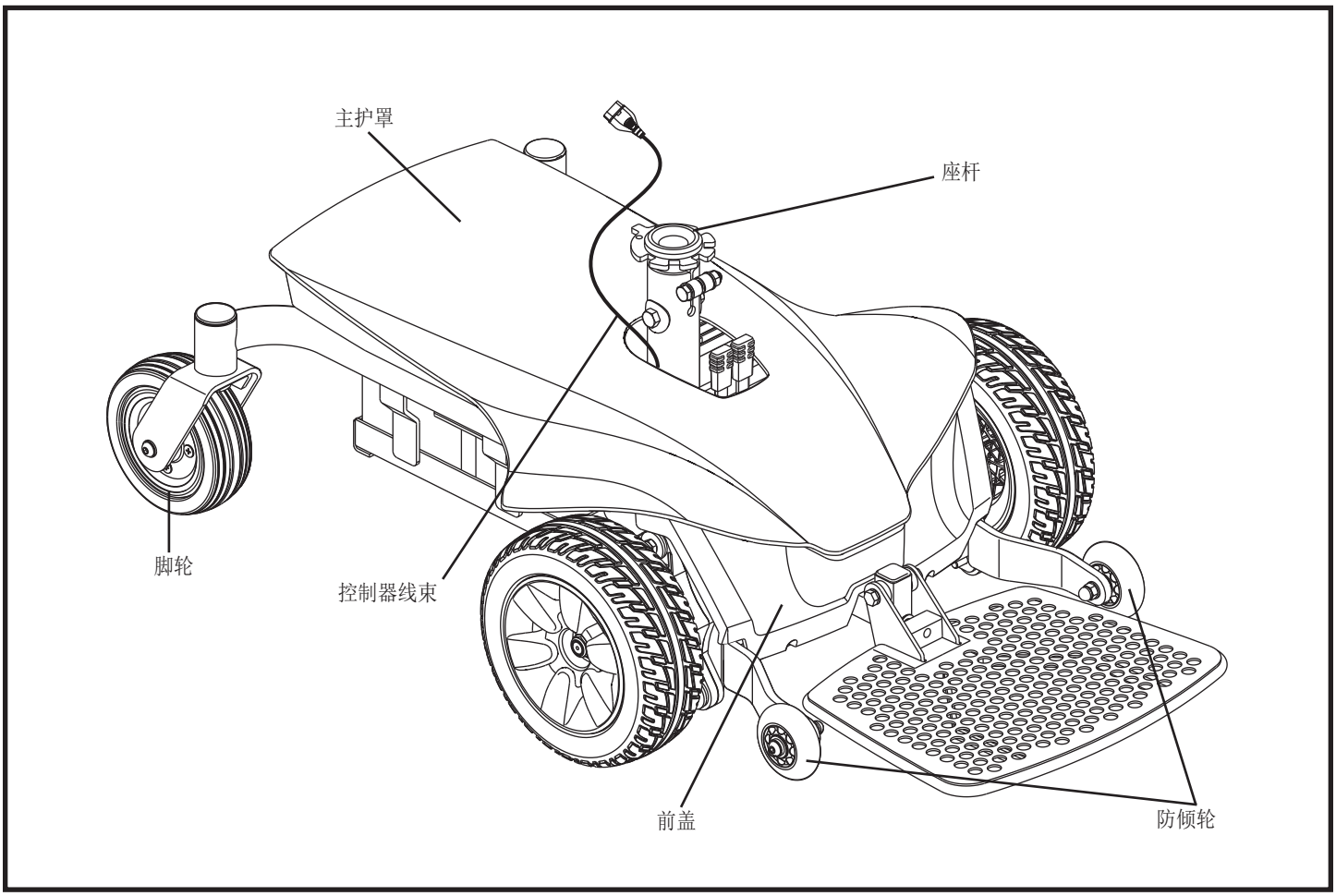


图2 Jazzy Elite Series动力底座

电气组件
电气组件位于动力底座上方或内部。主断路器位于动力底座侧面。电源模块位于前盖下方。见图3。

主断路器：主断路器是您电动轮椅内的安全装置组成部分。当蓄电池及电动机处于极度紧张状态时（例如，过度负荷），主断路器会跳闸来防止电动机及电子装置遭到损坏。电路跳闸时可允许您的电动轮椅“休息”大约1分钟。然后按下断路器按钮，打开控制器，继续正常运行。若主断路器不断跳闸，请联系当地授权供应商。

电源模块：用于连接控制器、电动机和蓄电池。

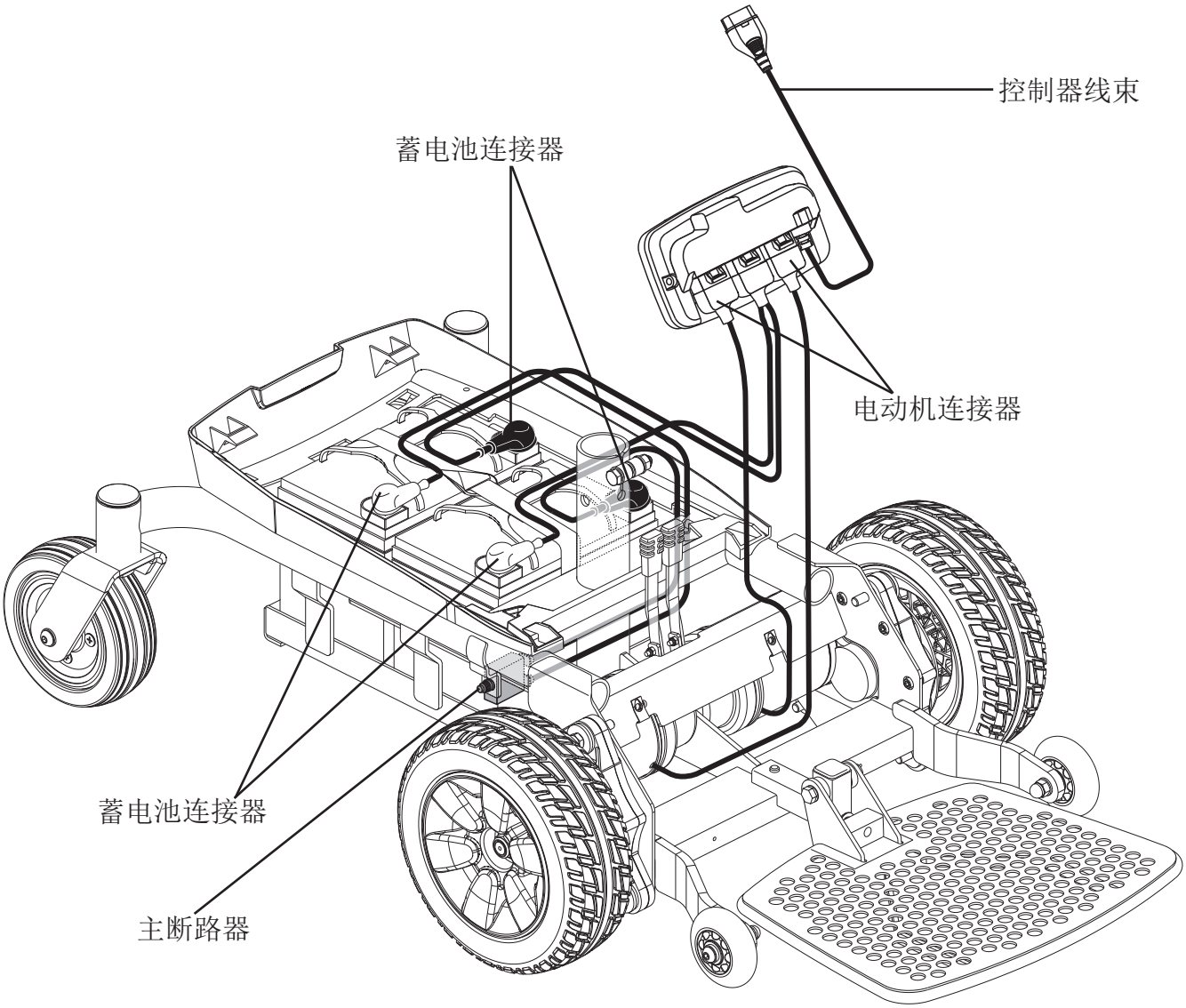


图3 Jazzy Elite Series电气组件

三、电动轮椅

手动自由轮操纵杆

电动轮椅的每个电动机上都有一个手动自由轮操纵杆。通过手动自由轮操纵杆，您可将驱动电动机变速模式转换成手动操纵轮椅模式。

警告！解除驱动电机时不要使用本电动轮椅！由于该装置可使电动轮椅自己向前滚动，因此当电动轮椅处于斜面或下滑时不要解除驱动电机。只有在平面上时才可使用自由滚动模式。

警告！请记住当您的电动轮椅处于自由滚动模式时制动系统未开启，这一点很重要。

使用或解除驱动电动机：

1. 使操纵杆位于动力底座的顶部。
2. 将两操纵杆向前推离座杆之后使用驱动电动机（使其处于驱动模式）。见图4。
3. 将两操纵杆向后推向座杆之后解除驱动电动机（使其处于自由滚动模式）。见图5。

若操纵杆向前后方向都难以移动时，请轻轻地前后摇动本电动轮椅。操纵杆就可朝着所需方向移动了。

警告！请勿对手动自由控制杆过度施力。

警告！请勿用脚来操作手动自由控制杆。请勿站立在手动自由控制杆上。对手动自由控制杆过度施力可能会导致手动自由控制杆、电机和制动器的损坏。

警告！不要将自由轮操纵杆手柄作为固定本产品的系缚点。

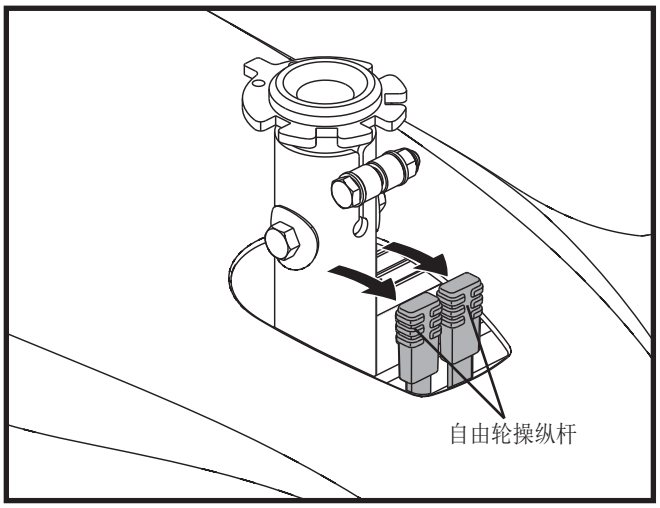


图4 驱动模式（使用驱动模式）

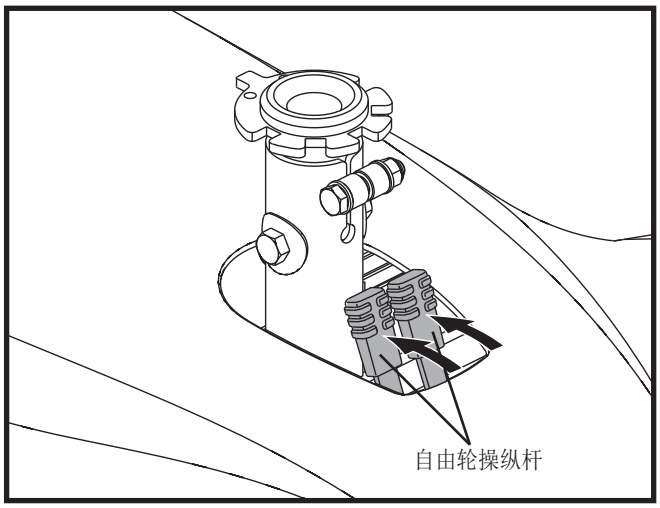


图5 自由轮模式（解除驱动模式）

四、装配

初装
您的电动轮椅在首次使用前或运输之后需要进行组装。

注意：拆卸或调整电动轮椅时取下的所有尼龙锁紧螺母都必须用新的尼龙锁紧螺母替换。不应重复使用尼龙锁紧螺母，因其可能损坏尼龙嵌入物，降低牢固性。可在当地五金店或通过联系当地授权供应商进行尼龙锁紧螺母的更换。

座位安装
初次操作前或运输之后可能需要安装座位。

警告！不要通过扶手拿起座架。它们可自由旋转，旋转时您可能无法控制座位。

安装座位：
1. 将上座杆调整到所需位置，将螺栓插入座杆，然后用螺母固定。见图6。
2. 将座位向下滑至上座杆。见图6。
3. 将控制器安装在其中一个扶手内。用提供的六角扳手上紧固定螺丝钉。见图6。
4. 将扶手直线升高，然后布置好控制器线束，并如图 6 和 7 所示用线带固定。

注意：用线带固定控制器线束之前将扶手直线升高，这一点很重要。

强制性！防止控制器线束被损坏！禁止将控制器线束布置在扶手垫之外。控制器线束应布置在扶手下方或朝扶手垫内部布置。使用正确的控制器线束栓系点，防止轮椅通过门口时卡进驱动轮胎、挤进座架中或被损坏。

5. 将控制器线束插入动力底座上的连接器。见图2。

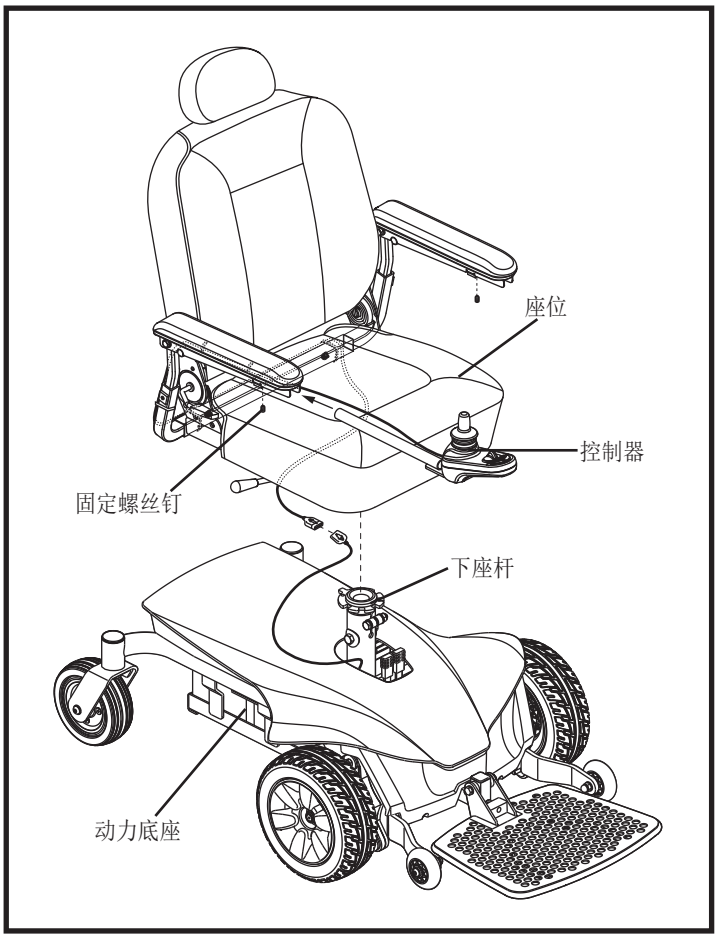


图6 座位及控制器装配

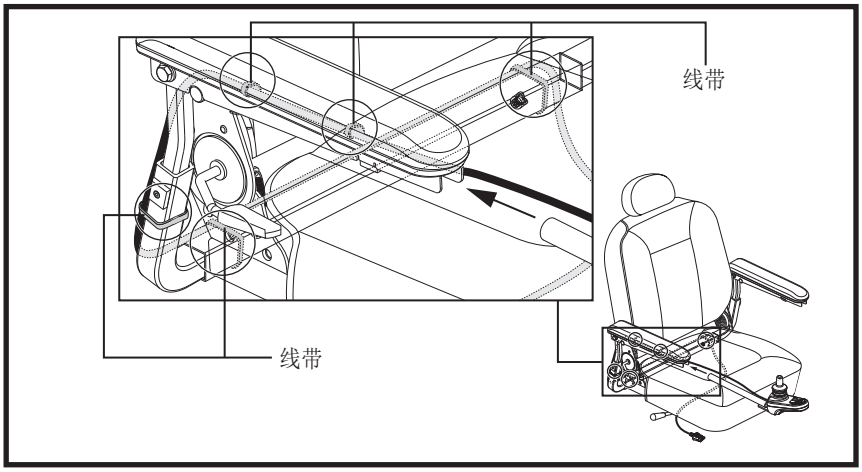


图7 控制器线束布置

五、舒适度调整

舒适度调整

熟悉电动轮椅操作之后，可能需要进行一些调整来提高您的舒适度，如调整座位高度、扶手角度、踏脚板角度以及控制器位置。进行舒适度调整之前请参考下述信息。

警告！电动轮椅的重心为工厂设置，满足大多数用户的需求。当地授权供应商已对您的电动轮椅进行了评估，并可针对您的具体要求对您的电动轮椅进行所需调整。如需改变座椅配置，应首先联系机动产品供应商或当地授权供应商。

警告！一些电动轮椅组件较沉重。您在提升或搬运时可能需要帮助。拆卸本电动轮椅之前请参考规格表了解具体组件重量。

警告！进行任何调整之前电动轮椅上不得有任何乘员。

您可能需要下述工具进行舒适度调整：
- 公制/标准套筒扳手组和棘轮
- 可调扳手
- 公制/标准套装六角扳手
- 螺丝防松用胶

座位高度调整
您可将座位高度更改至三个位置的任意一个，三个位置以2.5-cm（1-英寸）递增。

拆卸座位:
1. 关掉控制器电源。
2. 确保电动轮椅处于驱动模式。见图4。
3. 从动力底座断开控制器连接器。见图8。
4. 解开座位分离杆。见图8。
5. 向左或向右旋转座位，将其从动力底座拉起拆除。

调节座位高度：
1. 关掉控制器电源。
2. 确保电动轮椅处于驱动模式。见图4。
3. 从动力底座断开控制器连接器。见图8。
4. 将座位从动力底座拆除。
5. 松开座杆后面的硬件。见图8。
6. 从座杆上取下座位高度调整螺栓、垫圈和螺母。见图8。
7. 将上座杆升高或降低至所需位置。
8. 将座位高度调整硬件再次安装至座杆。
9. 上紧座杆后面的硬件。
10. 重新安装座位。
11. 重新将控制器连接至动力底座。

注意：要转动座位，使用座位下的座位分离杆。

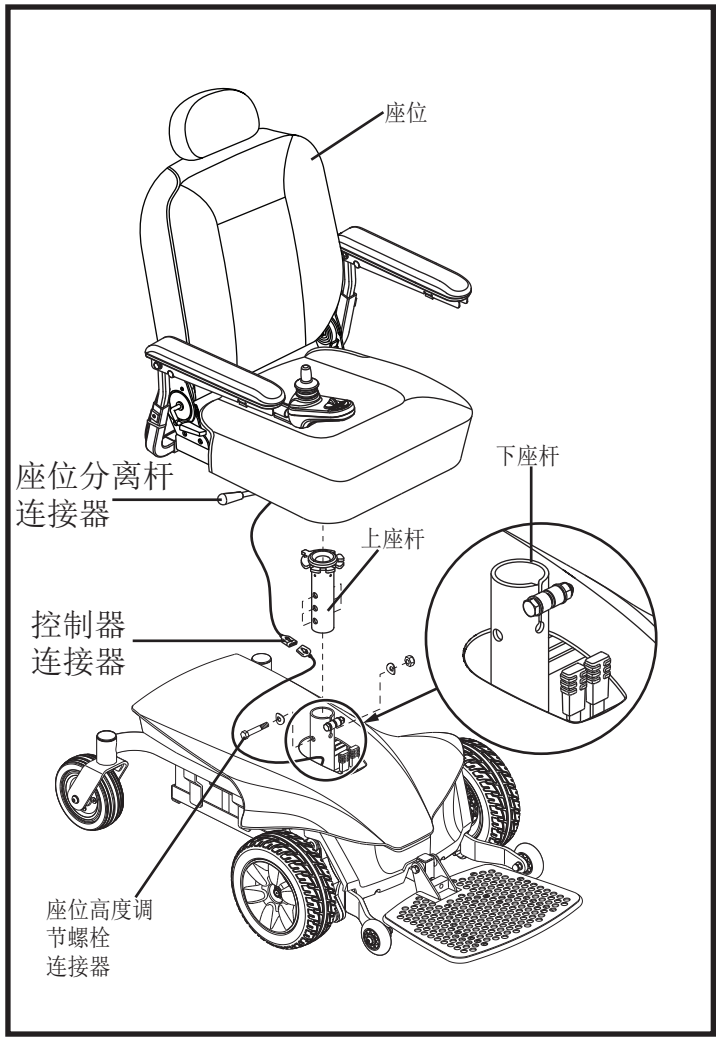


图8 座位高度调整

五、舒适度调整

座位位置
您可通过改变座椅底座安装位置来向前或向后移动座位。

改变座位位置:
1. 关掉控制器电源。
2. 确保电动轮椅处于驱动模式。
3. 从动力底座拔掉控制器连接器。
4. 将座位从动力底座拆除。
5. 拆除座位板底部的螺钉和垫圈。见图9。
6. 向前或向后滑动座位板，将板上的孔与座椅底座上相应的孔对齐。您必须将座位两侧向前或向后移动相同数量的孔。

警告！改变座位位置可能使座位不稳定。如需改变座椅配置，应首先联系机动产品供应商或当地授权供应商。

警告！进行任何调整、修理或维修之后和使用前，确保所有连接硬件牢固连接，防止受伤及/或设备受损。

7. 重新将螺钉和垫圈安装至座位板，牢固地上紧硬件。
8. 重新安装座位。
9. 重新将控制器连接至动力底座。

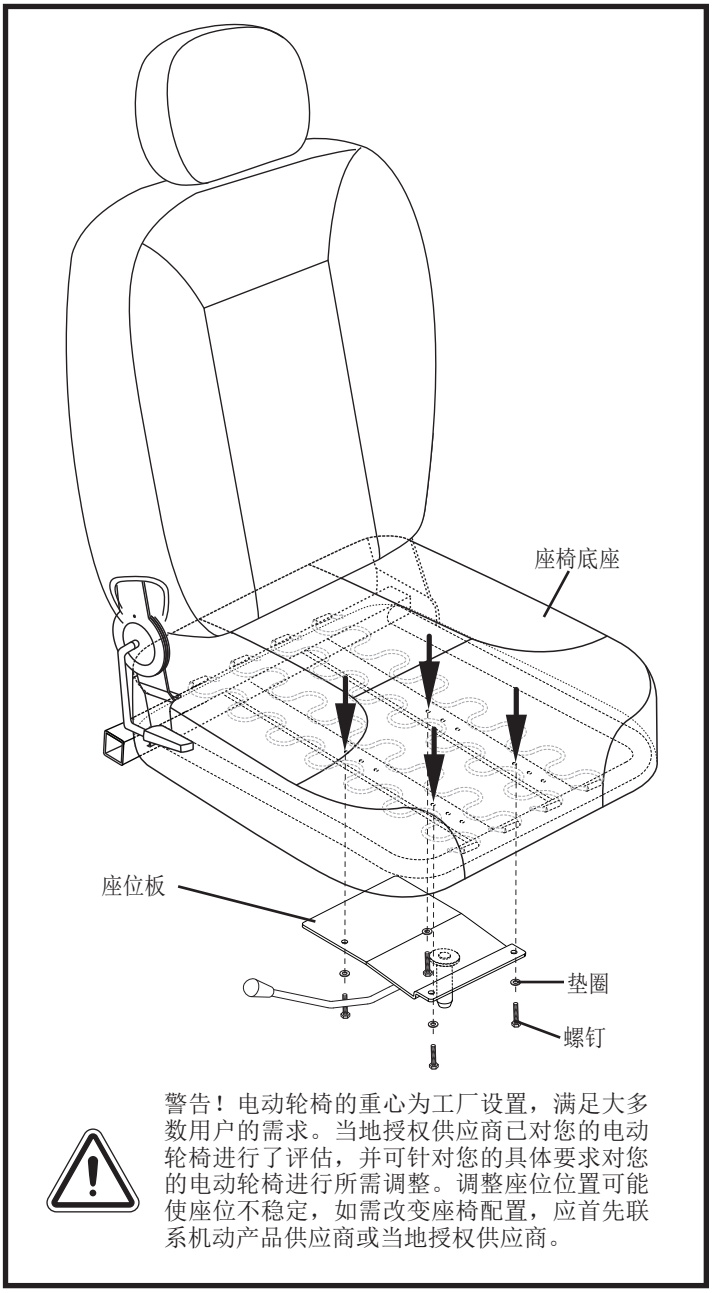


图9 座位位置调整

五、舒适度调整

手动调整倾斜靠背
若您的电动轮椅配置了手动倾斜靠背，您可通过靠背分离杆调整靠背角度。该分离杆位于座椅底座的右侧。见图10。

调整倾斜角度：
1. 往上拉出靠背分离杆。
2. 向前或向后倾斜至所需位置。
3. 释放操纵杆。

扶手宽度调整
您可以独立改变任一扶手宽度。

注意：改变扶手宽度可能会增加电动轮椅的总宽度。

改变扶手宽度：
1. 使扶手宽度调整旋钮位于扶手接收器架的每一侧。见图10。
2. 松开旋钮。
3. 按所需宽度将扶手滑入或滑出。
4. 上紧旋钮。

扶手角度调整
改变扶手角度：
1. 直线升高扶手，使其与地面垂直。
2. 松开防松螺母。
3. 转动调整螺钉，升高或降低扶手前部。
4. 上紧防松螺母，将调整螺钉锁固到位。

扶手高度调整
改变扶手高度：
1. 松开扶手上的固定螺丝钉。见图10。
2. 将扶手抬高或降低至所需高度。
3. 上紧固定螺丝钉，固定扶手。

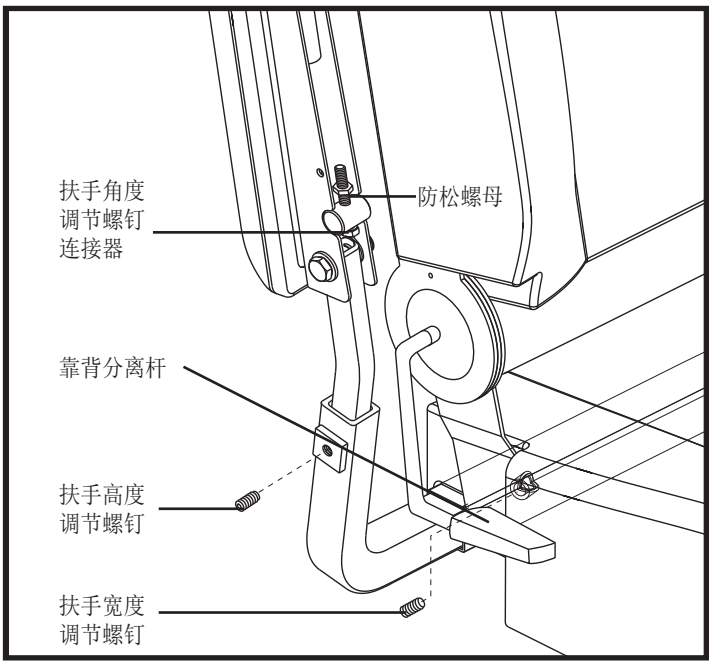


图10 扶手和靠背调整

五、舒适度调整

控制器位置
您可将控制器向内移向扶手或向外移动离开扶手，您还可以为改变控制器的位置以便于左手或右手操控。

警告！不要随意放置控制器线束，以免其被挤入座架或动力底座架内。

延长控制器：
1. 将扶手向上掀，使其与地面垂直。
2. 松开控制器架上的固定螺丝钉。见图11。
3. 按所需方向将控制器滑入或滑出扶手。
4. 上紧固定螺丝钉，固定控制器。

改变控制器位置：
1. 关掉控制器电源。
2. 从动力底座拔掉控制器线束。
3. 切断将控制器线束固定至扶手和座位的线带。
4. 将扶手向上掀，使其与地面垂直。
5. 松开控制器架上的固定螺丝钉。见图7。
6. 将控制器滑出扶手。
7. 松开另一扶手内的固定螺丝钉。
8. 将控制器放在另一扶手内。
9. 上紧固定螺丝钉，固定控制器。
10. 沿着座架布置控制器线束，用线带固定。见图7。
11. 将控制器连接器插入动力底座。见图2。

踏脚板高度调整
您可调整踏脚板高度。见图12。

调整踏脚板高度：
1. 除去将踏脚板固定至踏脚板架上的硬件。
2. 将踏脚板移至所需高度。
3. 重新安装并上紧将踏脚板固定至踏脚板架上的硬件。

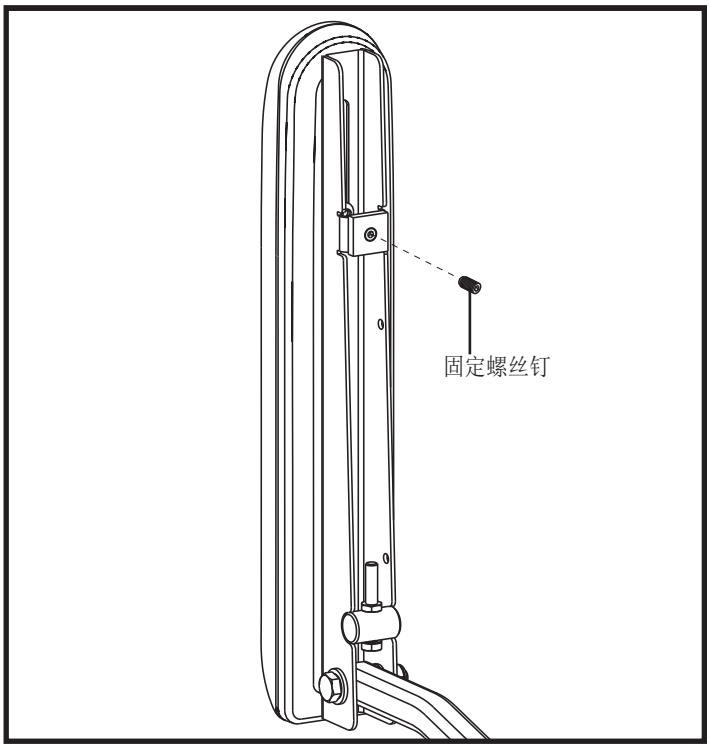


图11 扶手下侧

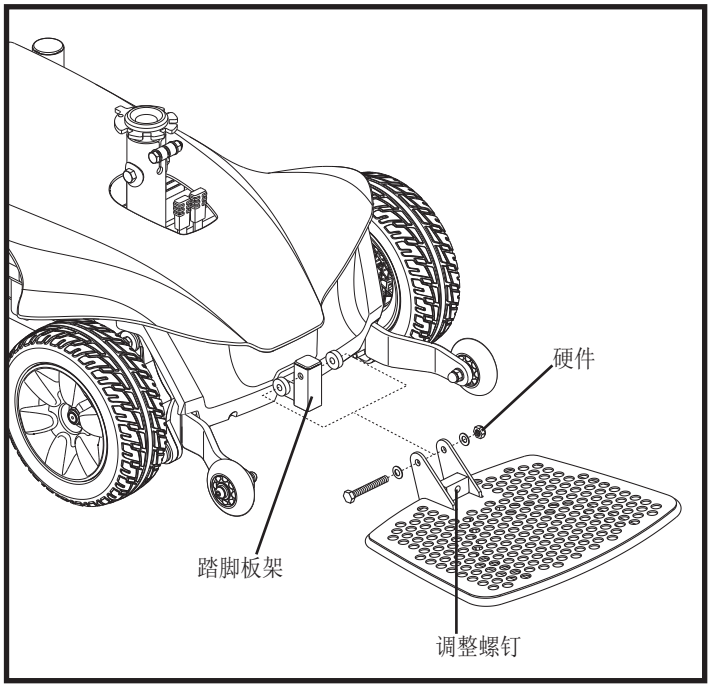


图12 踏脚板角度调整

五、舒适度调整

踏脚板角度调整
您可调整踏脚板角度。见图12。

调整踏脚板角度：
1. 将踏脚板向上掀，定位调整螺钉。
2. 转动调整螺钉，升高或降低踏脚板前部。

活动拆卸式脚靠
通过活动拆卸式脚靠，您可将脚靠转动至您上或下电动轮椅的那一侧。见图13。

转动活动拆卸式脚靠：
1. 推入分离杆。
2. 转动活动拆卸式脚靠。

调整活动拆卸式脚靠长度：
1. 从脚靠延伸处拆除调整螺钉。
2. 按所需长度向上或向下滑动脚靠。
3. 重新安装2个调整螺钉。

升降搁腿架
通过升降搁腿架（ELR），可在很大范围对腿的角度进行调整，同时可在30.48-48.26 cm（12-19英寸）范围内调整脚靠。见图14。

转动搁腿架：
1. 推入分离杆A。
2. 转动搁腿架。

调整搁腿架角度：
1. 下推分离杆B。
2. 按所需角度移动搁腿架。

调整搁腿架长度：
1. 从每个搁腿架的延伸处取下2个调整螺钉。
2. 按所需长度向上或向下滑动搁腿架。
3. 重新安装2个调整螺钉。

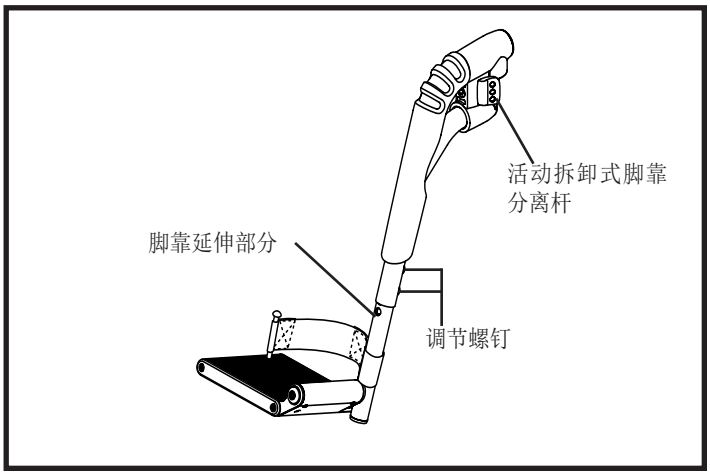


图13 活动拆卸式脚靠

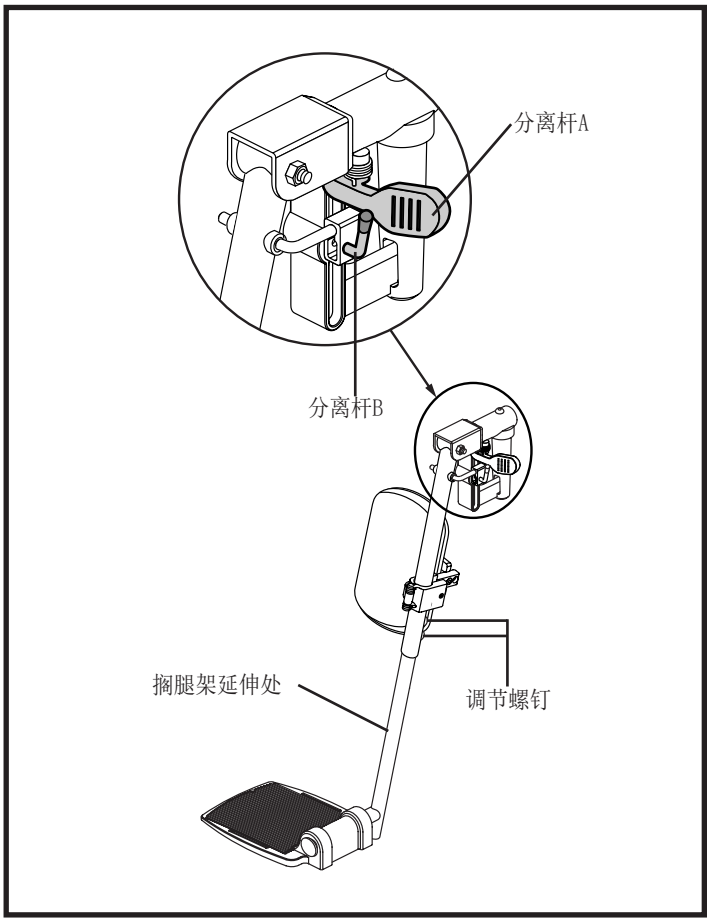


图14 升降搁腿架

五、舒适度调整

定位带

您的电动轮椅可能配置了定位带，可根据使用者舒适度进行调整。见图15。该定位带可防止使用者从座位上向下或向前滑动。该定位带不可用作束缚装置。

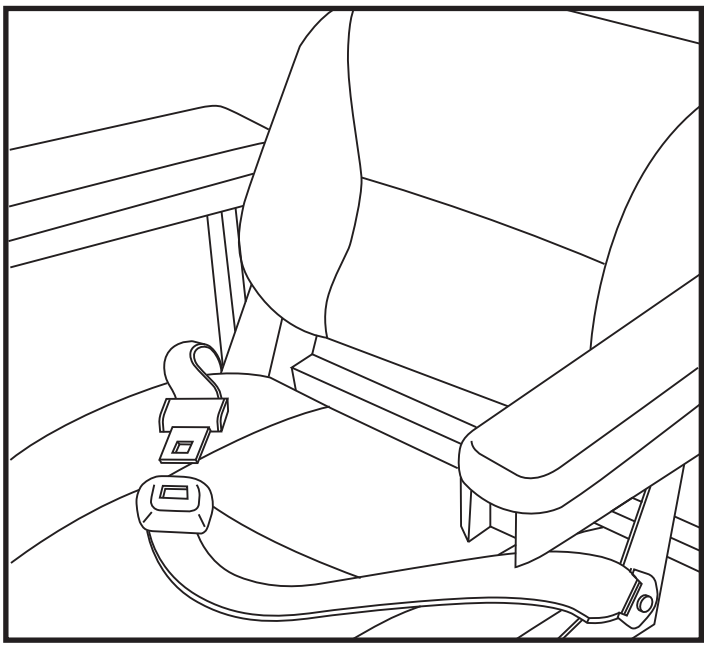


图15 定位带调整

警告！定位带不适用于汽车的安全带。乘车旅行的任何人都应正确地系在汽车制造商认可的座椅上。您的电动座椅不适合在任何车辆中用作座椅，但以下情况除外：车辆必须装有根据捆绑制造商的说明安装的轮椅捆绑和乘员约束系统（WTORS），并且符合ANSI / RESNA WC / Vol。 4，第18节/ ISO 10542标准以及电动座椅必须具有基于ANSI / RESNA WCNol的运输安全系统。 4，第19节/ ISO 7176-19标准。必须使用完整的WTORS将电动座椅固定到车辆上，并为电动座椅乘员提供经过适当设计和测试的安全约束系统。必须同时使用带有骨盆带和上躯干安全带的约束系统，以保护电动轮椅乘员，并在碰撞或突然制动期间将因接触车辆而受伤的可能性降到最低。

警告！定位腰带应当随时保持固定。不能让定位腰带悬置或在地板上拖动，否则可能会被缠住。

安装定位带：

1. 取下将座椅铰链固定至座椅底座的左边和右边座椅铰链上的最后面的螺钉。
2. 将螺钉插入提供的垫圈，穿过定位带，进入电动轮椅座位每一侧的座椅底座内。
3. 上紧两个螺钉。

根据使用者的舒适度调整定位带：

1. 坐上轮椅后，将定位带一侧金属扣插入对侧塑料壳内，直至听到咔哒一声。见图15。
2. 拉紧与金属扣相连的带子，直至牢固，但不宜拉的太紧，以免感觉不舒服。

松开定位带：

1. 按下金属壳上的按钮装置。

必须！确保将定位带正确固定在电动座椅上，并且每次使用前都要对操作员的舒适度进行调整。

必须！检查定位皮带是否有松动的零件或损坏，包括撕裂，磨损的斑点，每次使用电动座椅之前，弯曲的硬件，损坏的闩锁机构，灰尘或碎屑。如果发现问题，请联系授权的Pride Provider进行维护和维修。

六、蓄电池与充电

蓄电池与充电

电动轮椅采用两节耐久的12V深循环蓄电池。这些蓄电池是密封的，无需维护。由于它们是密封的，所以，无需检查电解液（液体）液位。深循环蓄电池旨在处理更长时间、更深的放电。虽然蓄电池外面与汽车用蓄电池类似，但它们不能互换。汽车用蓄电池的目的不是处理长时间的深度放电，用于电动轮椅也不安全。

强制性！蓄电池的极柱、终端和相关附件都含有铅和铅化合物。处理蓄电池时须穿戴护目镜和手套，处理后清洗双手。

禁止！始终使用两节型号、化学过程和容量（Ah）完全相同的蓄电池。见本手册和随推荐型号蓄电池充电器一起提供的手册的规格表。

警告！如果您对电动轮椅上的蓄电池有任何疑问，请联系当地授权供应商。

蓄电池充电

蓄电池充电器是确保电动轮椅蓄电池长使用寿命的基本条件。其目的是通过安全、快速、方便地为蓄电池充电，来优化电动轮椅的性能。充电器电源线插入插座时，才可使用蓄电池充电器。

禁止！卸除接地插脚会导致电气事故。如果必要，可给带2插脚插口的插座正确安装一个批准的3插脚适配器。

禁止！延长导线禁止插入蓄电池充电器。充电器直接插入正确布线的标准插座内。

禁止！没有大人监督的情况下，儿童不得在蓄电池充电时靠近电动轮椅玩耍。我们建议您在电池充电的时候不要使用动力车。

强制性！在蓄电池充电前，请阅读本手册和随蓄电池充电器提供手册的蓄电池充电说明。

警告！蓄电池充电期间可能产生爆炸性气体。当蓄电池充电时，电动轮椅和蓄电池充电器远离火源，如火焰、火花，并保持空气流通。

警告！必须用提供的非车载蓄电池充电器为电动轮椅充电。禁止使用汽车用蓄电池充电器。

警告！每次使用前，检查蓄电池充电器、电线和连接器有无损坏。如果发现损坏，请联系当地授权供应商。

警告！禁止打开蓄电池充电器外壳。如果蓄电池充电器运行异常，请联系当地授权供应商。

警告！当心充电期间，蓄电池充电器外壳可能发热。避免皮肤接触，以及不要放置在可能会受热影响的物品表面。

警告！如果蓄电池充电器配有冷却插槽，禁止在这些插槽中插入物体。

警告！如果蓄电池充电器未经试验批准在室外使用，则禁止充电器接触有害或恶劣电气条件。如果要使充电器接触有害或恶劣电气条件，在室内使用前，必须根据环境条件差异对蓄电池充电器进行调节。更多信息见随蓄电池充电器一起提供的手册。

六、蓄电池与充电

利用非车载充电器对蓄电池充电：

1. 将电动轮椅正面靠近标准插座。
2. 确定已经关闭控制器电源，自由轮操纵杆处于啮合位置。见第三部分“电动轮椅”。
3. 将非车载充电器插入控制器上的非车载充电器/编程插座。见图16。
4. 将非车载充电器插入插座。

警告！充电器上的LED 灯表明了充电器在不同时候的状态：充电器通电、充电中以及充电完成。如果LED 灯在24 小时内没有显示充电完成，请拔下充电器并联系授权供应商。请阅读充电器手册以获得指示灯的完整说明。

5. 当蓄电池充满电时，将非车载充电器拔出插座和控制器。

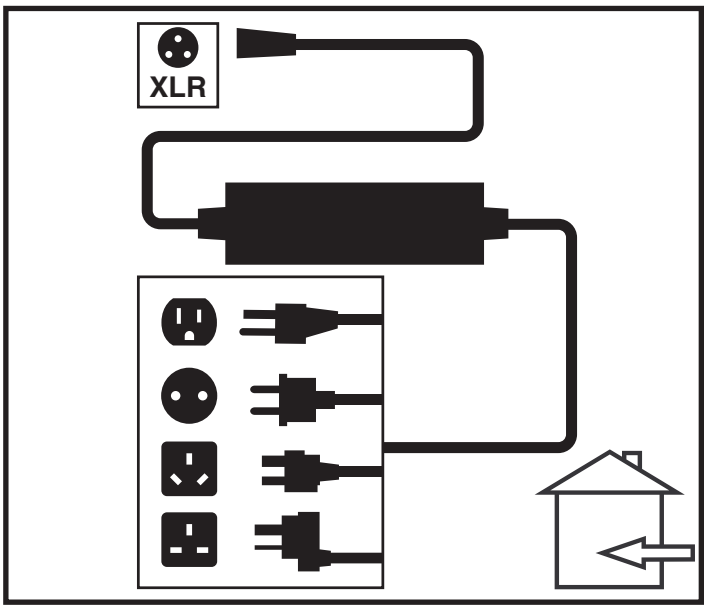


图 16 蓄电池充电

激活蓄电池

激活新的蓄电池获得最大效率：

1. 在首次使用前将新蓄电池充满电。这能够使蓄电池发挥其最佳性能水平的90%。
2. 在房间中以及地面上操作电动轮椅。开始应慢慢移动，在熟悉各项操作和蓄电池激活前，不要移动得太远。
3. 再次对蓄电池进行至少8-14小时的完全充电，并再次操作电动轮椅。此时，蓄电池将达到其 90% 以上的电量。
4. 在进行四或五次充电后，蓄电池将达到100%的电量，并维持相当长一段时间。

常见问题（FAQ）

充电器是怎样工作的？

蓄电池充电器获取标准插座电压（交流电）并将其转换成24 VDC（直流电）。电动轮椅蓄电池利用直流电运行电动轮椅。当蓄电池电压低时，充电器更努力运行对蓄电池充电。当蓄电池电压接近完全充电时，充电器不再猛烈地工作完成充电循环。当蓄电池充满电时，充电器的电流强度接近于零。这就是充电维持电量的过程，但不会对蓄电池过度充电。

能够使用不同的蓄电池充电器吗？

应该使用随电动轮椅一起提供的充电器。它是蓄电池充电最安全、最有效率的工具。我们建议不使用其它类型的充电器（例如，汽车用蓄电池充电器）。

注意：在蓄电池已经放电到接近零电压后，电动轮椅充电器将不会运行。如果发生这种情况，请联系授权供应商寻求帮助。

多长时间对蓄电池充一次电？

在决定多少时间对蓄电池充一次电时，需要考虑许多因素。您可能每日全天使用电动轮椅或您可能一周使用一次。

六、蓄电池与充电

■ 日常使用
如果您每天使用电动轮椅，在不使用电动轮椅时就应立即对蓄电池充电。电动轮椅每天早晨为您提供全天服务所需的电量。建议在日常使用后对蓄电池充电至少8-14小时。我们推荐您在电池提示充满电后再额外为电池充4小时电。

■ 很少使用
如果您不是经常使用电动轮椅（一周一次或更少），应每周对蓄电池充电24小时。

注意：蓄电池应充满电，并避免深度放电。充电说明见随蓄电池充电器一起提供的手册。我们建议您每个月为您的电池持续充48小时的电，提高电池性能和寿命。

怎样能够知道每次充电后能使用的最大移动范围或距离？
很少会有理想的出行条件，如光滑、平坦的路面、复杂地形无风、斜坡或弯道。更多的是斜坡、有裂缝的人行道、松散不平的路面、弯道或风中使用。所有这些因素将影响每次蓄电池充电的出行距离或使用时间。以下提供数个获得每次充电最大移动范围的建议：
■ 在出行前，始终将蓄电池充满电。
■ 如果可能，事先计划出行路线，避免斜坡。
■ 只携带必需物品。
■ 尽力保持均速行使，避免走走停停。
■ 我们建议您每个月为您的电池持续充48小时的电，提高电池性能和寿命。

应该使用哪种类型的蓄电池？
我们建议使用密封，免维护的深循环蓄电池。AGM和Gel-Cell均是具有类似性能的深循环蓄电池。

警告！蓄电池中含有腐蚀性化学物质。使用AGM 和Gel-Cell 蓄电池，减少泄露或爆炸危险。

为什么新蓄电池好象不耐用？
深循环蓄电池采用与车用蓄电池、镍镉（nicads）或其它普通类蓄电池不一样的化学工艺。深循环蓄电池是专门设计的，用于为其供电和放电以及相对快速充电。应尽可能经常地对AGM和Gel-Cell蓄电池充电。和镍镉蓄电池一样，它们无“内存”。

我们和我们的蓄电池制造商密切配合，提供最适合电动轮椅特殊需要的蓄电池。定期推出并及时发运充满电的新蓄电池。在运输期间，蓄电池偶然会遇到可能影响初始性能的极端温度。（和汽车蓄电池一样）高温会使蓄电池失去电荷，寒冷会减慢可用电量和延长蓄电池充电时间。

稳定蓄电池温度和调节到其新环境温度可能需要数天时间。更重要的是，通过数个“充电循环”（部分放电——然后充满电）建立对维持蓄电池最佳性能和长使用寿命的必要的重要化学平衡。花时间去正确激活蓄电池是非常值得的。

怎样确保蓄电池使用寿命最长？

充满电的深循环蓄电池将提供可靠的性能并可延长蓄电池使用寿命。只要可能，保持电动轮椅蓄电池充满电。定期深度放电，未经常充电或未充满电保存的蓄电池可能造成永久性损坏，使电动轮椅运行不稳定和减少蓄电池使用寿命。

注意：蓄电池使用寿命通常反映出蓄电池维护程度。

六、蓄电池与充电

怎样存放电动轮椅及其蓄电池？
如果不是定期使用电动轮椅，我们建议，每周至少对蓄电池充一次电，以维持蓄电池活力。

如果打算很长一段时间不使用电动轮椅，在存放前将蓄电池充满电。断开蓄电池线束，将电动轮椅存放在暖和、干燥的环境。避免极端温度，如低温和极度高温，绝对不能试图对被冻结的蓄电池充电。受冷或被冻结蓄电池应温暖数天后再充电。

怎样进行公共运输？
AGM和 Gel-Cell 蓄电池设计用于电动轮椅和其它机动车辆。这些蓄电池获得了联邦航空管理局（FAA）的批准，允许在无溢出或泄漏危险的情况下通过飞机、汽车和火车安全运输。我们建议您提前联系承运人票务处，预先确定承运人的具体要求。

怎样发货？
如果您希望由货运公司将电动轮椅运往您目的地，用原始货运纸箱重新包装电动轮椅，并用单独的箱子装运蓄电池。

七、维护与保养

维护与保养

Jazzy Elite Series是一款精密的电动轮椅。和任何机动车一样，需要日常保养检查。您可以进行部分检查，其它检查则需要授权服务代表的帮助。定期检修很重要。如果您按时进行本章节规定的保养检查，就能在数年内确保电动轮椅可靠的运行。如果您对电动轮椅的维护或操作有任何疑问，请联系当地授权供应商。

警告！禁止在座位上有人时维修电动轮椅。

电动轮椅和许多电气设备一样，部件容易损坏。避免在潮湿环境中使用和存放。

警告！直接或长期接触水或湿气可能造成电动轮椅的电气和机械故障。水能够造成电气部件被腐蚀以及椅架生锈。应定期检查电动轮椅有无因接触水、接触体液或失禁而被腐蚀的迹象。受损部件应立即更换或处理。

如果电动轮椅接触水：

1. 用毛巾尽可能彻底地擦干电动轮椅。
2. 将电动轮椅在温和、干燥的环境中放置12小时，以蒸发看不见的水。
3. 再次使用电动轮椅前，检查操纵杆运行情况和制动器。
4. 如果发现任何不协调的地方，请将电动轮椅送往授权维修中心。经常接触水源（如失禁）的电动轮椅应经常检查是否被腐蚀，以及需要经常更换电子部件。

温度

- 尽管您的电动椅可以承受-40° F（-40° C）至149° F（65° ’ ）的短期存储温度。我建议长期使用温度在-L：° F（-25° C）和I 22° F（50° （）。理想的密封条件下为68° F（ ‘.WO ）LO 70° F（21° ）\\在这里是可能的，但由于不同的气候和环境，我意识到我也不可行。
- 蓄电池在超低温条件可能被冻结。蓄电池被冻结的具体温度条件取决于若干因素，如蓄电池充电、用法和蓄电池种类（例如，AGM或GEL-CELL）。

通用指南

- 避免敲打或碰撞控制器，特别是操纵杆。
- 如果安装有控制器盖，不得拆除。如果需要任何维护，请联系当地授权供应商。
- 避免电动轮椅长期接触恶劣条件，如高温、寒冷和潮湿环境。
- 保持控制器清洁。
- 检查所有连接器，确保各连接器完好无损，并正确固定。
- 确保充气轮胎充气达到轮胎上规定的 psi/bar/kPa空气压力等级。

警告！确保轮胎充气达到充气轮胎上规定的 psi/ bar/ kPa空气压力等级。不得充气不足或充气过足。低压可能导致失控，充气过足的轮胎可能爆裂。充气过多的轮胎可能发生爆炸。

警告！禁止使用高压软管对轮胎加气。

- 使用轮胎侧壁上的橡胶调节器有利于防止失控、爆裂、爆炸。

警告！绝不能使用胎面上的橡胶调节器；否则可能使轮胎变光滑，并造成电动轮椅打滑。

- 所有车轮轴承已预润滑和密封。无需再次滑润。
- 如果您的电动椅的主体罩具有光亮的表面，则该主体罩已喷有透明的
- 密封胶涂料。 您可以涂一层薄薄的汽车蜡以帮助其保持高光泽外观。 如果你有力量椅子具有带哑光表面的护罩，只能使用专为哑光面漆开发的产品。 不使用蜡，细部喷雾剂，ArmorAll®或任何用于光面漆的产品。

  警告！ 仔细选择正确的产品，以保护电动座椅的光洁度裹尸布。 仅将为哑光漆开发的产品用于带有保护层的罩上。哑光效果。不遵守此警告可能会损坏导流罩的磨砂漆完。

七、维护与保养

- 检查所有电气连接。确保它们连接紧密，无腐蚀。蓄电池必须平放在蓄电池盒和蓄电池井架内，蓄电池接线柱向前。正确线路配置图见蓄电池接线标签。

警告！虽然电动轮椅已经符合必要的液体浸入试验要求，电气连接还是应远离湿气源，包括直接接触水或体液和失禁。经常检查电气组件是否具有腐蚀现象，必要及时予以更换。

日常检查

- 关闭控制器后检查操纵杆。确保操纵杆未弯曲或受损，当释放时，操纵杆能够返回空档位置。检查操纵杆基座周围橡胶护套是否损坏。检查护套外观。禁止处理或试图修理它。如果出现问题，请联系当地授权供应商。
- 检查控制器线束外观。确保线束未散口、无切口或无任何外露电线。如果出现问题，请联系当地授权供应商。
- 检查实心轮胎上的平点。平点可能对稳定性造成不利影响。
- 检查座椅系统、扶手和前传动装置有无松动硬件、应力点或损坏。如果出现问题，请联系当地授权供应商。

每周检查

- 检查控制器和充电器线束有无被腐蚀。必要时，联系受权供应商。
- 确保控制器系统所有部件牢固地固定在电动轮椅上。任何螺钉不得拧得过紧。
- 检查轮胎是否适当充气。如果轮胎漏气，请联系受权供应商更换内胎。
- 检查制动器。应使电动轮椅在水平面上移动至少1米（3英尺）进行该项检查。

检查制动器:

1. 打开控制器，调小您的电动轮椅的速度等级。
2. 1秒钟后检查蓄电池电能指示表。确保仍有电能。
3. 向前慢慢推动操纵杆直至您听到电力制动器的咔哒声，立即释放操纵杆。操纵杆运动的几秒钟内您每次一定能听到电子制动器的响声。重复测试3次，先向后推操纵杆，然后向左再向右。

每月检查

- 您操作本电动轮椅时检查防倾轮是否摩擦地面。必要时对其进行调整。
- 检查防倾轮是否磨损严重。必要时进行更换。
- 检查驱动轮胎磨损情况。如有磨损，请联系当地授权供应商进行修理。
- 检查脚轮磨损情况。必要时进行更换。
- 检查脚轮前叉是否有损坏或是否摇摆，如有损坏或有摇摆说明其需要调整或需要更换轴承。请联系当地授权供应商进行修理。
- 检查整个电动轮椅是否有松动的硬件，是否有功能或性能变化。这种情况下，请联系当地授权供应商进行修理。
- 保持电动轮椅清洁，无异物，如泥、污垢、毛发、食物和饮料等。

年度检查

将电动轮椅带到当地授权供应商处地进行年度维护，尤其当您每天都使用电动轮椅时更应将其带去维护。这有助于确保电动轮椅正常工作，同时可防止今后出现故障。

存放

电动轮椅应存放在干燥且温度适中的地方。存放时请从电动轮椅取下蓄电池。见第六部分。“蓄电池及充电”。

警告！若您未正确存放本装置，电动轮椅框架可能会生锈，电子装置也可能被损坏。

七、维护与保养

蓄电池若经常深度放电，又不经常充电，且存放在极端温度下或未充满电存放都会造成永久性损坏，从而影响其性能和使用寿命。建议您在长期存放期间定期为蓄电池充电，以确保其正常的性能。

您可以在长期存放期间放几块板在电动轮椅框架下将其抬离地面。这样就减轻了轮胎所受的重量，减少了轮胎与地面接触面产生平点的可能性。

处理电动轮椅

您必须按当地及国家适用法律法规来处理电动轮椅。联系当地废物处理机构或授权供应商，获取妥善处理产品包装、金属结构组件、塑料组件、电子设备、蓄电池、氯丁橡胶、硅树脂和聚胺脂材质的信息。

警告！塑料袋有窒息危险。正确处理塑料袋，不要让儿童玩耍。

清洁和消毒

- 采用湿布及温和的非摩擦性清洁剂清洁您的电动轮椅的塑料及金属部件。避免使用可能擦伤电动轮椅表面的产品。
- 如有必要，采用经批准的消毒剂清洁电动轮椅。但使用前您要确保该消毒剂对电动轮椅是安全的。

警告！使用消毒剂及/或清洁剂清洁电动轮椅前请遵守正确使用这些消毒剂/及或清洁剂的安全说明。若未能遵守所述说明，则有可能导致皮肤刺激或过早破坏衬垫物及/或表面光洁度。

警告！绝对不能用软管冲洗电动轮椅或直接用水洗电动轮椅。电动轮椅带有一个油漆的ABS塑性体护罩，用湿布很容易擦拭干净。

警告！绝对不能用任何化学制品清洁乙烯座位，因其可能使座位变得光滑或干燥破裂。请使用肥皂水清洁座位，并彻底擦干。

更换轮子

若充气轮胎爆胎了，您就要更换内胎。若电动轮椅配置的是插入型实心轮胎，则必须更换整个轮总成。可在当地授权供应商处更换现成的轮胎、内胎及轮总成。

警告！只能由当地授权供应商或合格的技术人员维修更换电动轮椅上的轮子。

警告！进行该程序之前确保关掉控制器电源，且电动轮椅不在自由滚动模式。

警告！更换轮胎时，只需取下中心轮爪螺母和垫圈后，然后取下轮子。若需进一步拆卸，则要彻底将轮胎放气，否则可能爆胎。

七、维护与保养

按照下述简单步骤快速安全修理充气轮胎和实心轮胎：

1. 关掉控制器电源。
2. 确保电动轮椅处于驱动模式。见图4。
3. 抬起并支撑动力底座，使轮子离地至少 2.5 cm（1 英寸）。
4. 从车轴上取下驱动轮螺母和垫圈。见图17。
5. 从车轴上取下驱动轮。确保键保持在原来的位置。
6. 更换总体总成。
7. 将轮向后滑到轴上。确保轴键在轴槽中。

警告！若未能确保轴键正确装入轴槽内，则安装轮时可能会出现电子制动故障、人身伤害及/或产品损坏。8.

8. 重新将驱动轮螺母和垫圈安装到车轴上并上紧。见图17。

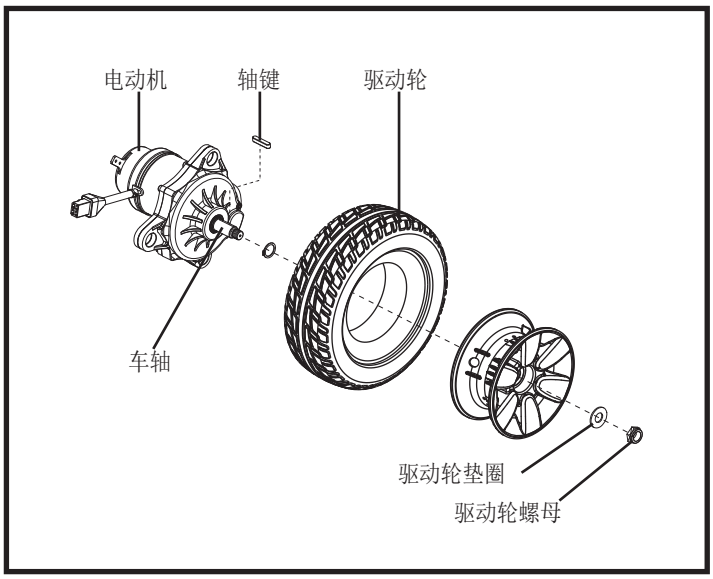


图 17 拆除Jazzy Elite Series 驱动轮

注意：拆卸或调整电动轮椅时取下的所有尼龙锁紧螺母都必须用新的尼龙锁紧螺母替换。不应重复使用尼龙锁紧螺母，因其可能损坏尼龙插入物，降低牢固性。可在当地五金店或通过联系当地授权供应商进行尼龙锁紧螺母的更换。

警告！确保螺母和垫圈重新正确安装并上紧。

9. 从底座支架上取下电动轮椅。

蓄电池更换

动力底座上的贴花纸上印有蓄电池接线图。正确的蓄电池规格见第六部分 “蓄电池与充电”。

强制性！蓄电池的极柱、终端和相关附件都含有铅和铅化合物。处理蓄电池时须穿戴护目镜和手套，处理后清洗双手。

警告！只能由当地授权供应商或合格的技术人员维修更换电动轮椅上的蓄电池。

警告！不要在轮椅上有人时更换蓄电池。

警告！电动轮椅蓄电池比较沉重。见规格表。若您不能抬起太重的蓄电池，您一定要找人帮助。要使用正确的提升方法抬起蓄电池，这样您就不会感到太重。

警告！切勿混合使用新旧蓄电池。始终同时更换蓄电池组。

禁止！工具和其他金属物体须远离蓄电池终端。工具接触蓄电池终端会引起电击事故。

您可能需要下述工具来更换您的蓄电池：

- 公制/标准套筒扳手组和棘轮扳手
- 活动扳手

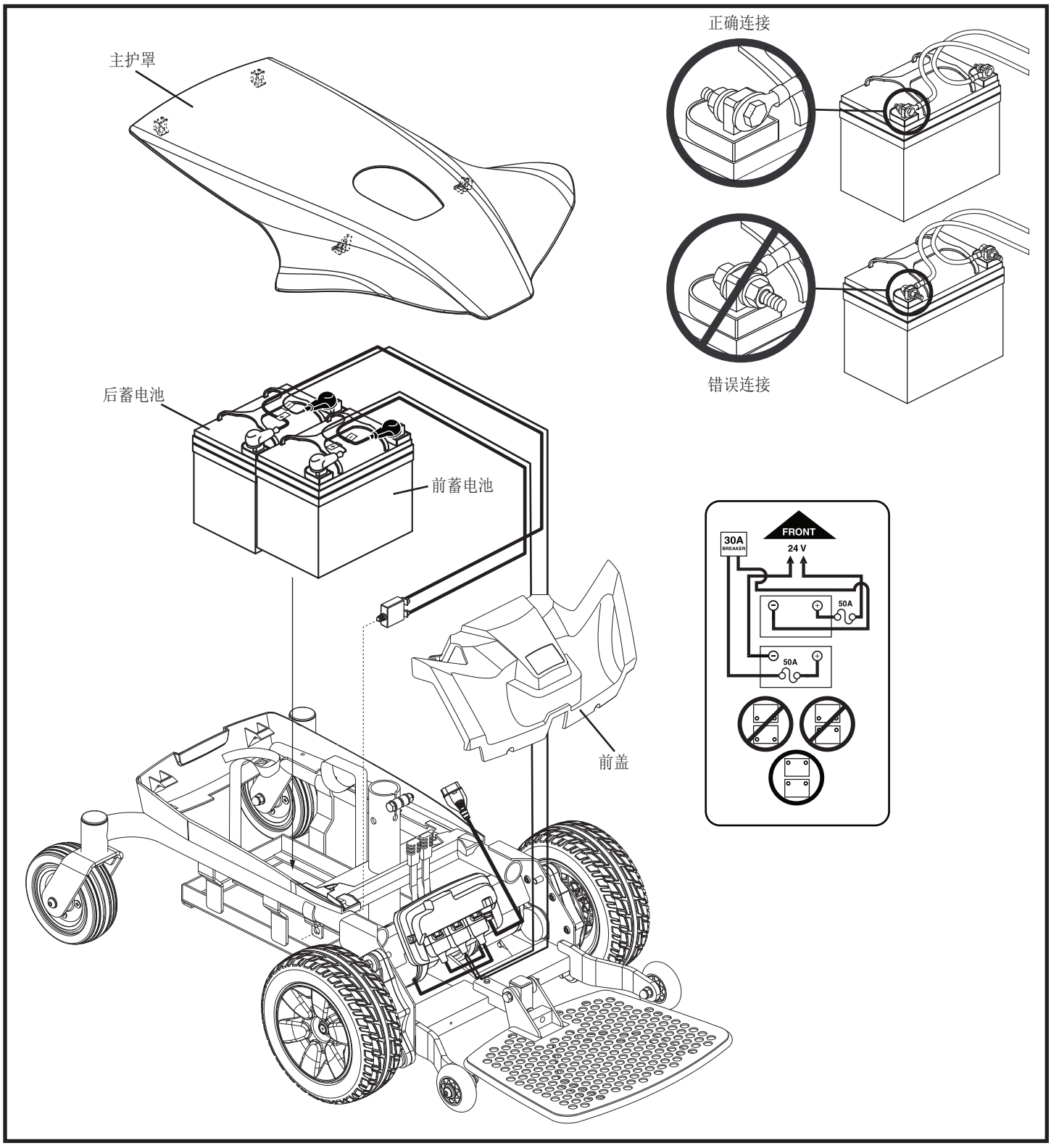


图18. 蓄电池安装（座位分拆图）

七、维护与保养

更换蓄电池:
1. 关掉控制器电源。
2. 确保电动轮椅处于驱动模式。见图4。
3. 取下座位。
4. 抬升主护罩后部拆卸主护罩，直至其与椅身护罩脱离。与椅身护罩脱离后，将主护罩向前滑动，直至卡扣与椅身护罩分离。将护罩抬高到座杆的正上方。见图18。
5. 解开蓄电池带。见图18。
6. 将蓄电池缆线与每个蓄电池的接线柱分离。见图18。
7. 从动力底座抬出前后蓄电池。
8. 将新蓄电池装入蓄电池座盘。确保每个蓄电池的接线柱面向电动轮椅前部。见图18。

禁止！禁止使用不同容量（Ah）的蓄电池。切勿混合使用新旧蓄电池。始终同时更换蓄电池组。

9. 根据蓄电池接线图将前部蓄电池缆线连接至前部蓄电池接线柱。确保蓄电池接线柱硬件面向正确方向。见图18。
10. 根据蓄电池接线图将后部蓄电池缆线连接至后部蓄电池接线柱。确保蓄电池接线柱硬件面向正确方向。见图18。


警告！确保上紧紧固件，连接牢固。

11. 扎牢蓄电池带。
12. 主护罩降低到座杆正上方进行重新安装。向后滑动主护罩直至与椅身护罩牢固连接。牢固连接后，用力按压主护罩的后部，直至主护罩啮合到位。
13. 重新安装座位。
14. 蓄电池充电。见第六部分“蓄电池与充电”。

什么时候联系当地授权供应商进行维修呢？
若出现下述情况则表明电动轮椅出现了严重问题。这时如有必要，请联系当地授权供应商。打电话时应说明型号、序列号和问题性质，若有错误代码时也应说明。
- 电动机噪音
- 线束磨损
- 连接器破裂后破碎
- 任何一只轮胎上磨损不均匀
- 出现剧烈运动
- 跑偏
- 轮总成弯曲或破损
- 不能通电
- 虽然通电但不移动
- 座位或座位零部件松动

故障检修
若接通电源时蓄电池电能表未亮：
- 检查线束连接。确保线束牢固连接。
- 检查断路器。必要时应重置。
- 检查蓄电池连接。

若上述检查中未查出问题，您可通过蓄电池负荷仪来检查蓄电池负荷。可在汽车零部件店购得蓄电池负荷仪。负荷测试前断开2个蓄电池，然后用负荷仪进行测试。若任何一个蓄电池未能通过负荷测试，则两个蓄电池都要更换。若更换蓄电池后电动轮椅仍然不能通电，请联系当地授权供应商。

八、其他说明

建议：使用本公司自己认可的部件。

生产商可向认可的维修单位提供维修技术资料。

适用范围：供行动有困难的残疾人和年老体弱者短距离出行代步用。

生产日期：

产品使用有效期：5 年

电动轮椅车的附件及废弃物禁止随意丢弃，具体处理方式参见第 24 页。

充电器应符合“GB 9706.1-2007 的要求”

Jazzy Elite ES、 Jazzy Select Elite 2 电动轮椅车的外形尺寸应符合表 1 的规定，外观如图：

表 1 电动轮椅车外形尺寸（单位：毫米）

项目	室外型
总长 L	1065
总长 L	600
总高 H	1055

Jazzy Elite ES

Jazzy Select Elite 2

Jazzy Elite ES、 Jazzy Select Elite 2 电动轮椅车的总质量应为 51kg，误差±10%。

Jazzy Elite ES、 Jazzy Select Elite 2 电动轮椅车的性能要求应符合表 2 的规定

八、其他说明

表 2　　电动轮椅车性能要求

项目内容		标准要求
		室外型
最大速度		≤6km/h
行驶制动性能	水平路面制动	≤1.5m
	最大安全坡度制动	≤3.6m(6°)
驻坡性能		9°
静态稳定性		≥9°
动态稳定性		≥6°
越障高度		≥40mm
越沟宽度		100mm
爬坡能力		≥6°
最小回转半径		1200mm
理论行驶距离		≥20km

基本参数及电气参数见表 3 和表 4：

表 3　基本参数

编号	项目		型号		误差范围
			Jazzy Elite ES	Jazzy Select Elite 2	
1	总长/mm		1065	1065	±10%
2	总宽/mm		600	600	
3	总高/mm		1055	1055	
4	座位宽度/mm		460	460	
5	座位离地高(前端)/mm		457	457	
6	扶手高度/mm		102	102	
7	扶手高度/mm		508	508	
8	质量/kg		51	51	
9	最大使用者质量/kg		100	100	
10	前后轮规格/mm	驱动轮直径	228.6	228.6	
		脚轮直径	152.4	152.4	

表4　电气参数

组件	项目	型号	
		Jazzy Elite ES	Jazzy Select Elite 2
电动机	额定电压/V	22.5	22.5
	额定功率/W	80	80
电池(组)	额定容量/Ah	33	33
	额定电压/V	12	12
	配备数量/个	2	2
充电器	电源/V, Hz	100-240V, 50-60Hz	100-240V, 50-60Hz
	最大输出电流/A	3.5	3.5
控制器	最大输出电流/A	40	40

八、其他说明

附录A 安全特性

A.1.1 按防电击类型分类：内部电源

A.1.2 按防电击程度分类：B 型应用部分

A.1.3 按对进液的防护程度分类：IPX4

A.1.4 按在与空气混合的易燃麻醉气或与氧或氧化亚氮混合的易燃麻醉气情况下使用时的安 全程度分类：非AP/APG 型。

A.1.5 按运行模式分类：连续运行。

A.1.6 额定电压：DC 24V。

A.1.7 不具有对除颤放电效应防护的应用部分

A.1.9 不具有信号输出或输入部分。

A.1.10 为非永久性安装设备。

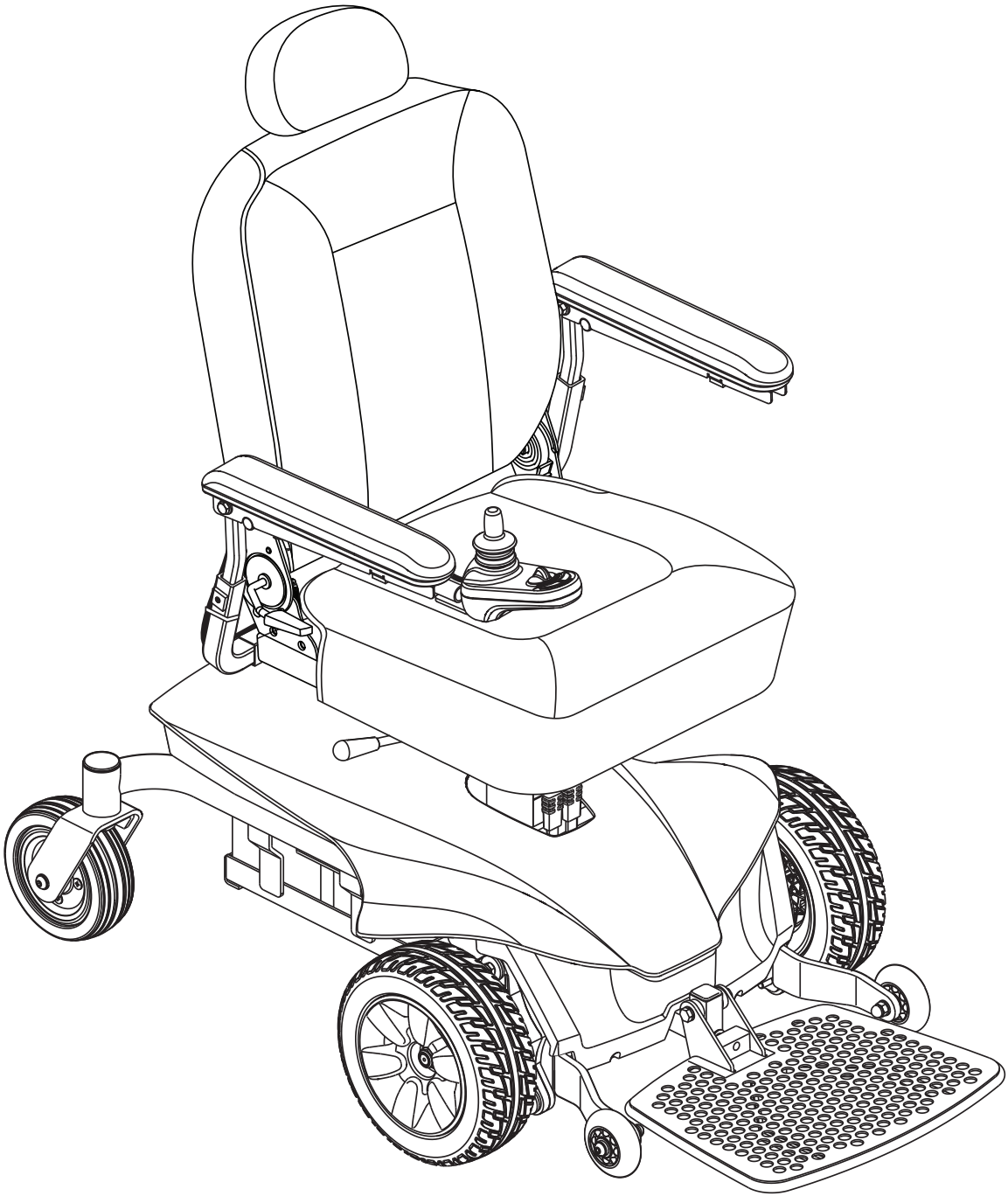
医疗器械注册证编号：国械注进20162562456
产品技术要求编号：

生产商：PRIDE MOBILITY PRODUCTS CORP.
生产商地址：401 York Avenue. Duryea, PA 18642
电话：800-8008586-1381
中国区服务机构：普拉德机动产品商贸（上海）有限公司
中国区服务机构地址：上海浦东新区建韵路500 号4 幢508 室
代理人名称：普拉德机动产品商贸（上海）有限公司
代理人住所：上海浦东新区建韵路500 号4 幢508 室
代理人联系方式：+86-021-5192-3035

笔记

Owner's Manual

Jazzy Elite Series



SAFETY GUIDELINES

WARNING! An authorised provider or a qualified technician must perform the initial setup of this power chair and must perform all of the procedures in this manual.

The symbols below are used throughout this owner's manual and on the power chair to identify warnings and important information. It is very important for you to read them and understand them completely.

WARNING! Indicates a potentially hazardous condition/situation. Failure to follow designated procedures can cause either personal injury, component damage, or malfunction. On the product, this icon is represented as a black symbol on a yellow triangle with a black border.

MANDATORY! These actions should be performed as specified. Failure to perform mandatory actions can cause personal injury and/or equipment damage. On the product, this icon is represented as a white symbol on a blue dot with a white border.

PROHIBITED! These actions are prohibited. These actions should not be performed at any time or in any circumstances. Performing a prohibited action can cause personal injury and/or equipment damage. On the product, this icon is represented as a black symbol with a red circle and red slash.

Quick Reference Information

Authorised Provider: _____

Address: _____

Phone Number: _____

Purchase Date: _____

NOTE: This owner's manual is compiled from the latest specifications and product information available at the time of publication. We reserve the right to make changes as they become necessary. Any changes to our products may cause slight variations between the illustrations and explanations in this manual and the product you have purchased. The latest/current version of this manual is available on our website.

NOTE: This product is compliant with WEEE, RoHS, and REACH directives and requirements.

NOTE: This product meets IPX4 classification (IEC 60529).

NOTE: This product and its components are not made with natural rubber latex. Consult with the manufacturer regarding any after-market accessories.

CONTENTS

II. SAFETY

PRODUCT SAFETY SYMBOLS

The symbols below are used on the power chair to identify warnings, mandatory actions, and prohibited actions. It is very important for you to read and understand them completely.

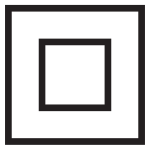
NOTE: There are more warnings identified and explained in the Consumer Safety Guide that is included with your power chair. Please become familiar with all of the warnings and safely information found in the Consumer Safety Guide and refer to this resource often.

Read and follow the information in the owner's manual.

Unlocked and in freewheel mode

Locked and in drive mode

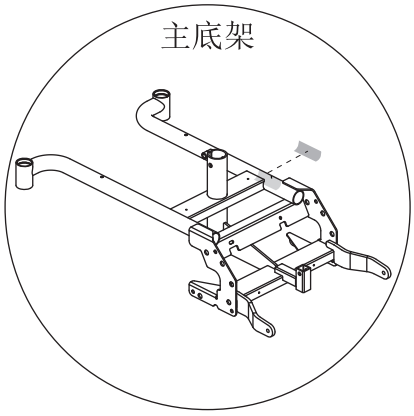
Manufactured in



Class II Equipment

Power chair not rated for occupied transit.

Power chair information label



II. SAFETY

GENERAL GUIDELINES

MANDATORY! Do not operate your new power chair for the first time without completely reading and understanding this owner's manual.

Your power chair is a state-of-the-art life-enhancement device designed to increase mobility. An extensive variety of products are offered to best fit the individual needs of the power chair user. Please be aware that the final selection and purchasing decision regarding the type of power chair to be used is the responsibility of the power chair user, who is capable of making such a decision, and his/her healthcare professional (i.e., medical doctor, physical therapist, etc.).

The contents of this manual are based on the expectation that a mobility device expert has properly fitted the power chair to the user and has assisted the prescribing healthcare professional and/or the authorised provider in the instruction process for the use of the product.

There are certain situations, including some medical conditions, where the power chair user will need to practice operating the power chair in the presence of a trained attendant. A trained attendant can be defined as a family member or care professional specially trained in assisting a power chair user in various daily living activities.

As you begin using your power chair during daily activities, you will probably encounter situations in which you will need some practice. Simply take your time and you will soon be in full and confident control as you maneuver through doorways, on and off of lifts, up and down ramps, and over moderate terrain.

Below are some precautions, tips, and other safety considerations that will help you become accustomed to operating your power chair safely.

Pre-Ride Safety Check

Get to know the feel of your power chair and its capabilities. It is recommended that you perform a safety check before each use to make sure your power chair operates smoothly and safely.

Perform the following inspections prior to using your power chair:

- Check for proper tyre inflation. Maintain but do not exceed the psi/bar/kPa air pressure rating indicated on each tyre if equipped with pneumatic tyres.
- Check all electrical connections. Make sure they are tight and not corroded.
- Check all controller connections to the power base. Make sure they are secured properly.
- Check the brakes. See VII. "Care and Maintenance."
- Check battery charge. See VI. "Batteries and Charging."
- Ensure the manual freewheel levers are in drive mode before sitting on the power chairs.

NOTE: If you discover a problem, contact your authorised provider for assistance.

THE JAZZY SELECT ELITE POWER CHAIR

The Jazzy Select Elite Power Chair has two main assemblies: the seat assembly and the power base assembly. **See figure 1.** Typically, the seat assembly includes the armrests, seatback, and seat base. The power base assembly includes two motor/brake assemblies, two drive wheels, two rear caster wheels, two front anti-tip wheels, two batteries, and wiring harnesses.

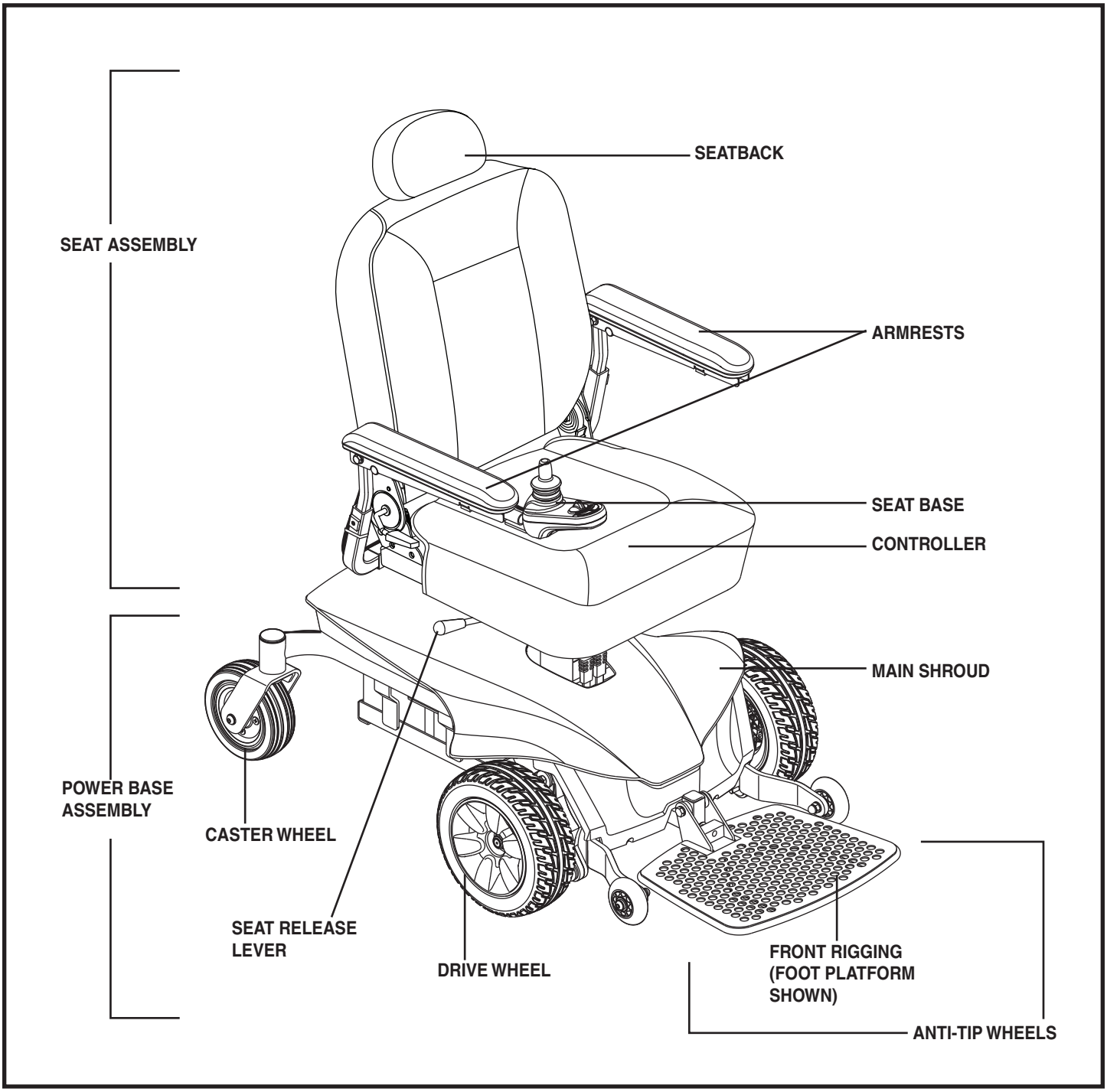


Figure 1. The Jazzy Select Elite Power Chair

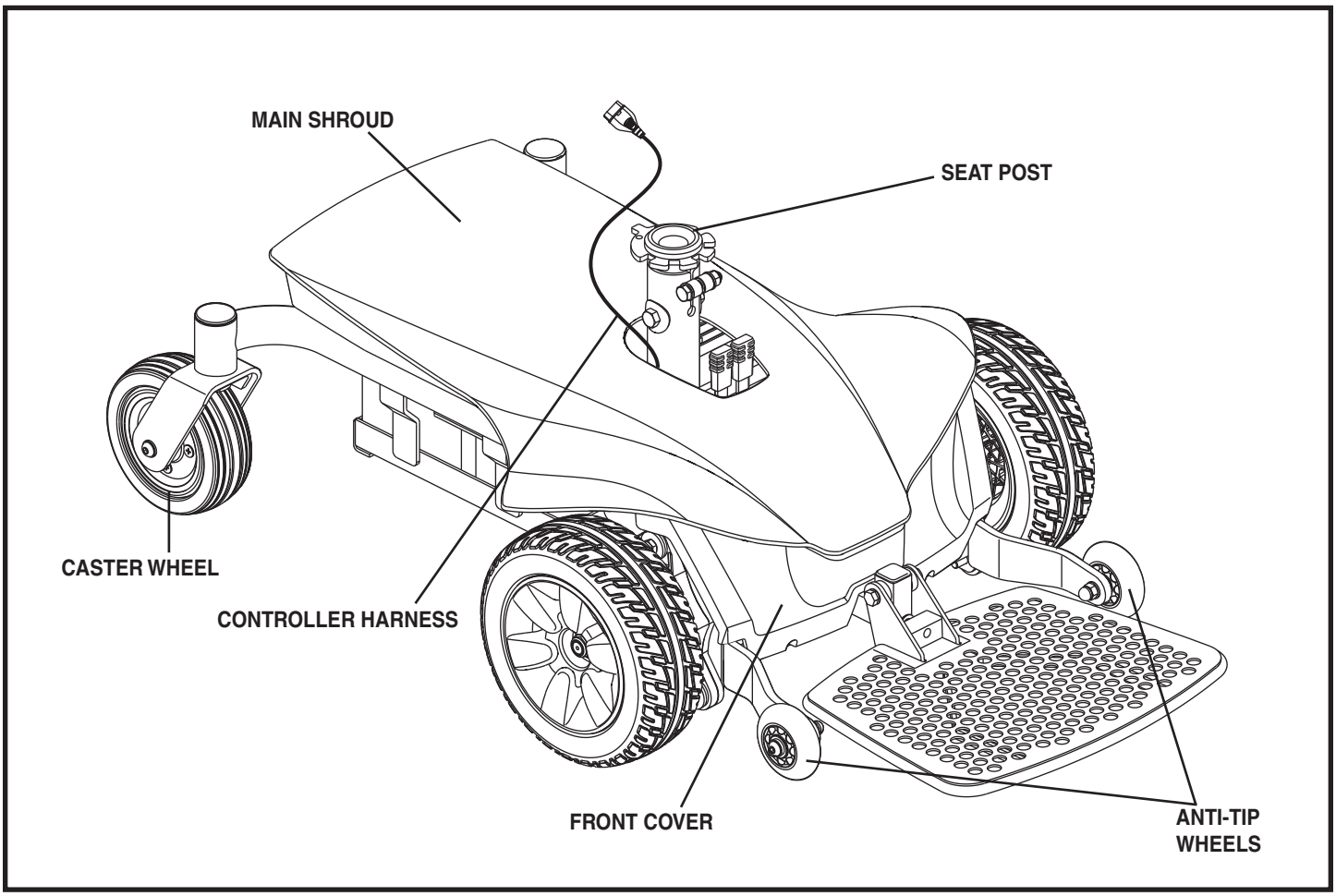


Figure 2. The Jazzy Select Elite Power Base

Electrical Components

The electrical components are located either on or inside the power base. The main circuit breaker is located on the side of the power base. The power module is located under the front cover. **See figure 3.**

Main Circuit Breaker: The main circuit breaker is a safety feature built into your power chair. When the batteries and the motors are heavily strained (e.g., from excessive loads), the main circuit breaker trips to prevent damage to the motors and the electronics. If the circuit trips, allow your power chair to "rest" for approximately one minute. Next, push in the circuit breaker button, turn on the controller, and continue normal operation. If the main circuit breaker continues to trip repeatedly, contact your authorised provider.

Power Module: Provides connection between the controller and the motors and batteries.

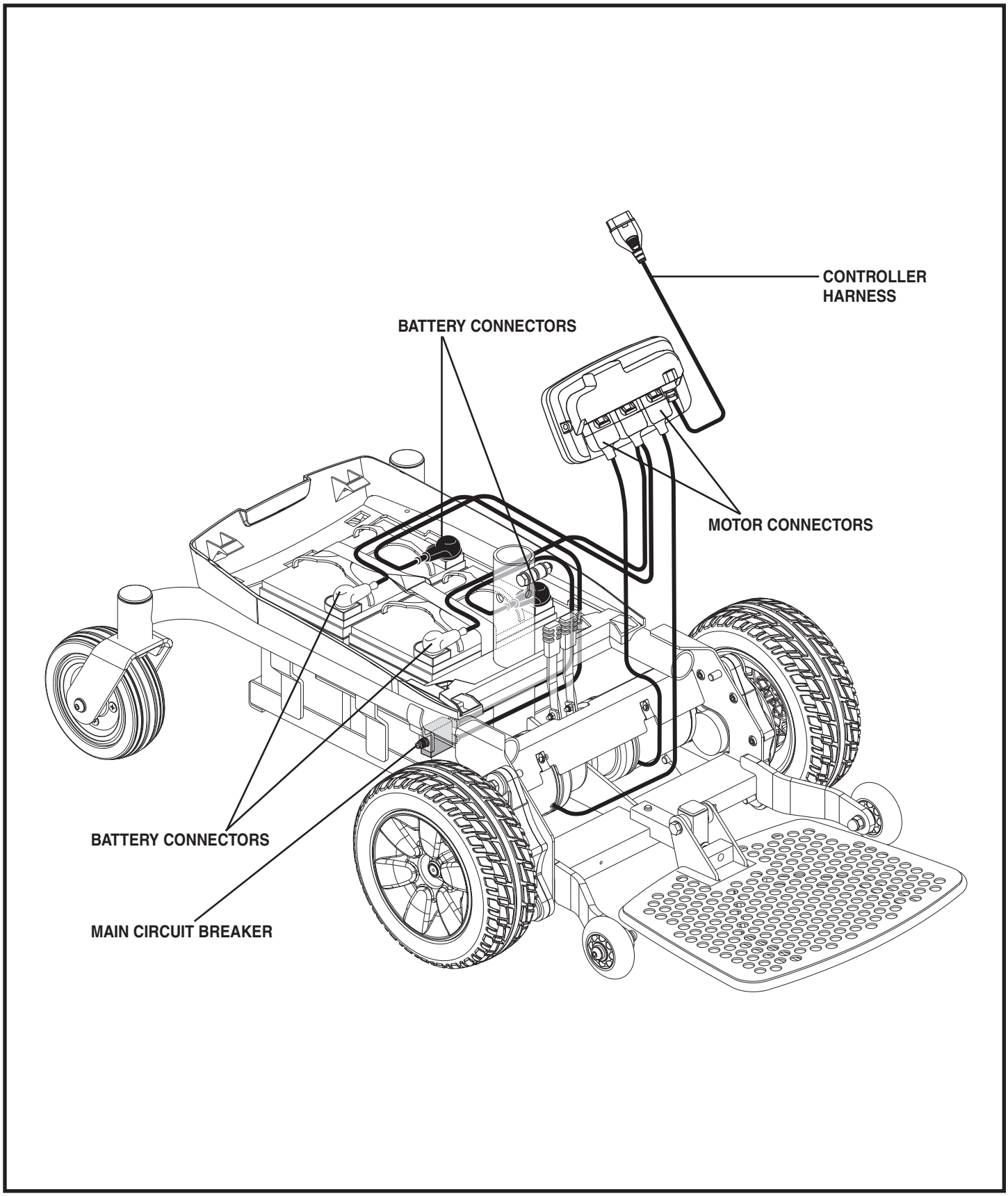


Figure 3. Jazzy Select Elite Electrical Components

Manual Freewheel Levers

Your power chair has a manual freewheel lever on each motor. Manual freewheel levers enable you to disengage the drive motors from the gearboxes and maneuver the chair manually.

WARNING! Do not use the power chair while the drive motors are disengaged! Do not disengage the drive motors when the power chair is on an incline or decline, as the unit could roll on its own. Only engage the freewheel mode when on a level surface.

WARNING! It is important to remember that when your power chair is in freewheel mode, the braking system is disengaged.

To engage or disengage the drive motors:

1. Locate the lever on the top of the power base.
2. Push both levers forward away from the seat post to engage the drive motors (drive mode). **See figure 4.**
3. Pull both levers rearward toward the seat post to disengage the drive motors (freewheel mode). **See figure 5.**

If a lever is difficult to move in either direction, slightly rock the power chair back and forth. The lever should then move to the desired position.

WARNING! Avoid applying excessive force to the manual freewheel levers.

WARNING! Do not use your foot to operate the manual freewheel levers. Do not stand on the manual freewheel levers. Applying excessive force to the manual freewheel levers may result in damage to the freewheel levers, motors, and brakes.

WARNING! Do not use the freewheel lever handles as tie-down points to secure this product.

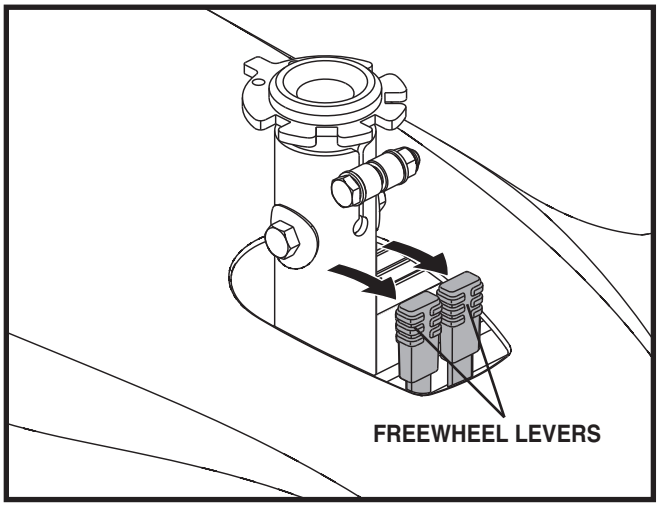


Figure 4. Drive Mode (Drive Engaged)

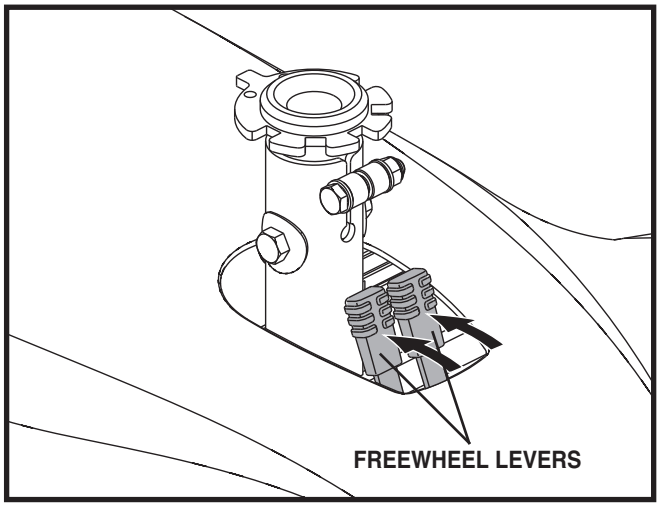


Figure 5. Freewheel Mode (Drive Disengaged)

IV. ASSEMBLY

INITIAL ASSEMBLY

Your power chair may require some assembly either before initial use or after transportation.

NOTE: Any nylon insert lock nut removed during the disassembly or adjustment of the power chair must be replaced with a new nylon insert lock nut. Nylon insert lock nuts should not be reused as it may cause damage to the nylon insert, resulting in a less secure fit. Replacement nylon insert lock nuts are available at local hardware stores or by contacting your authorised provider.

SEAT INSTALLATION

It may be necessary to install the seat either prior to initial operation or after transporting your power chair.

WARNING! Do not pick up the seat frame by the armrests. They are free to pivot, and you may lose control of the seat if they do so.

To install the seat:

1. Adjust the upper seat post to the desired position and insert the bolt through the seat post and secure with the nut. **See figure 6.**
2. Slide the seat down onto the upper seat post. **See figure 6.**
3. Install the controller into one of the armrests. Tighten the setscrew with the supplied hex key. **See figure 6.**
4. Lift the armrest straight up, then route the controller harness and secure with wire ties as shown in **figures 6 and 7.**

NOTE: It is important that the armrest be lifted straight up prior to securing the controller harness with wire ties.

MANDATORY! Prevent controller harness damage! Avoid routing the controller harness on the outside of the armrest pad. Route the harness under the armrest or toward the inside of the armrest pad. Use correct tie-down points for the controller harness to prevent the harness from getting caught in the wheels, pinched in the seat frame, or damaged when passing through doorways.

5. Plug the controller harness into the connector on the power base. **See figure 2.**

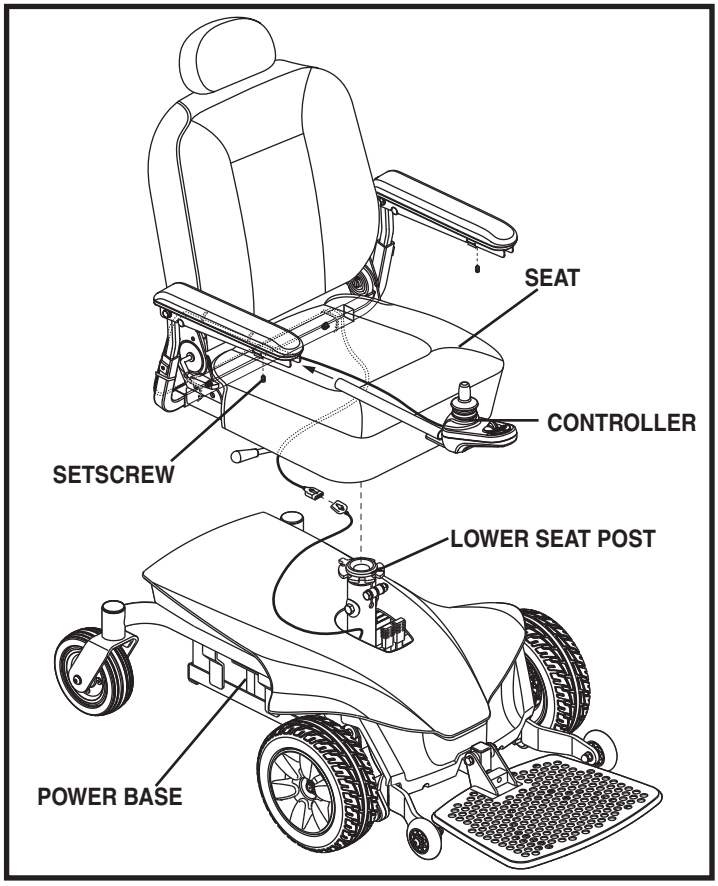


Figure 6. Seat and Controller Assembly

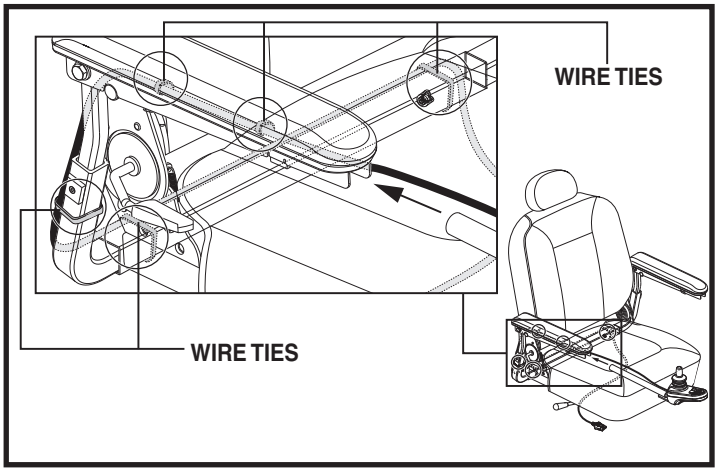


Figure 7. Controller Harness Routing

V. COMFORT ADJUSTMENTS

Comfort Adjustments

After becoming familiar with your power chair's operation, you may find the need to make some adjustments to increase your comfort, such as seat height, armrest angle, foot platform angle, and controller position. Refer to the following information before making comfort adjustments.

WARNING! The centre of gravity of your power chair was factory set to a position that meets the needs of the demographic majority of users. Your authorised provider has evaluated your power chair and made any necessary adjustments to suit your specific requirements. Do not change your seating configuration without first contacting your authorised provider.

WARNING! Some power chair components are heavy. You may need assistance to lift or carry them. Please refer to the specification table for specific component weights before you disassemble the power chair.

WARNING! Remove the occupant from the power chair before making any adjustments.

You may need the following to make comfort adjustments:

- metric/standard socket set and ratchet
- adjustable spanner
- metric/standard hex key set
- thread lock

Seat Height Adjustment

You can change the seat height to one of three positions in 2.5-cm (1-in.) increments.

To remove the seat:

1. Turn off the power to the controller.
2. Ensure the power chair is in drive mode. **See figure 4.**
3. Disconnect the controller connector from the power base. **See figure 8.**
4. Disengage the seat release lever. **See figure 8.**
5. Swivel the seat left or right and then pull it up and off of the power base.

To change the seat height:

1. Turn off the power to the controller.
2. Ensure the power chair is in drive mode. **See figure 4.**
3. Disconnect the controller connector from the power base. **See figure 8.**
4. Remove the seat from the power base.
5. Loosen the hardware at the rear of the seat post. **See figure 8.**
6. Remove the seat height adjustment bolt, washers, and nuts from the seat post. **See figure 8.**
7. Raise or lower the upper seat post to the desired position.
8. Reinstall the seat height adjustment hardware to the seat post.
9. Tighten the hardware at the rear of the seat post.
10. Reinstall the seat.
11. Reconnect the controller to the power base.

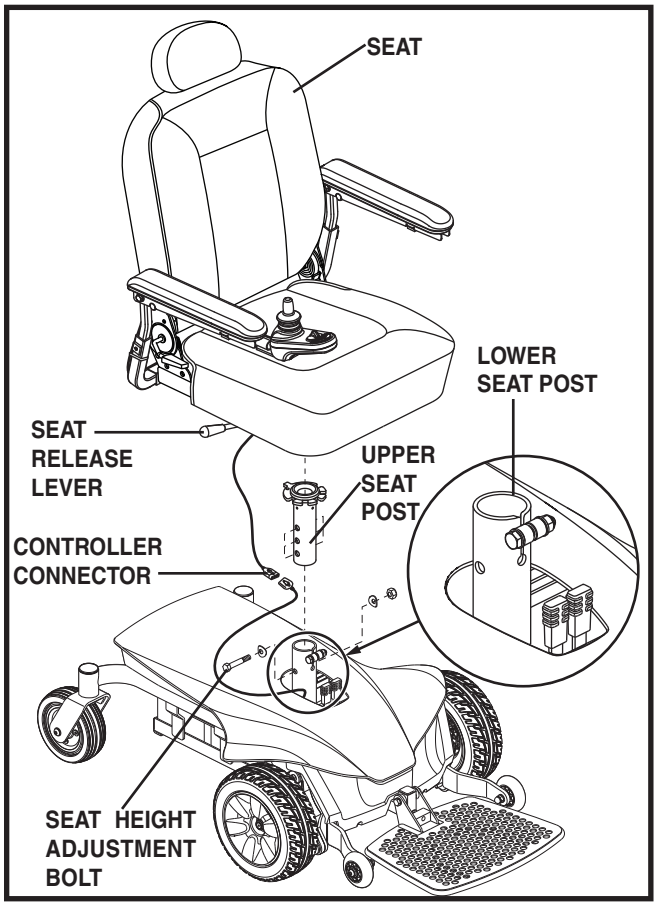


Figure 8. Seat Height Adjustment

NOTE: To rotate the seat, use the seat release lever located under the seat.

V. COMFORT ADJUSTMENTS

SEAT POSITION

You can move the seat forward or rearward by changing the seat base mounting position.

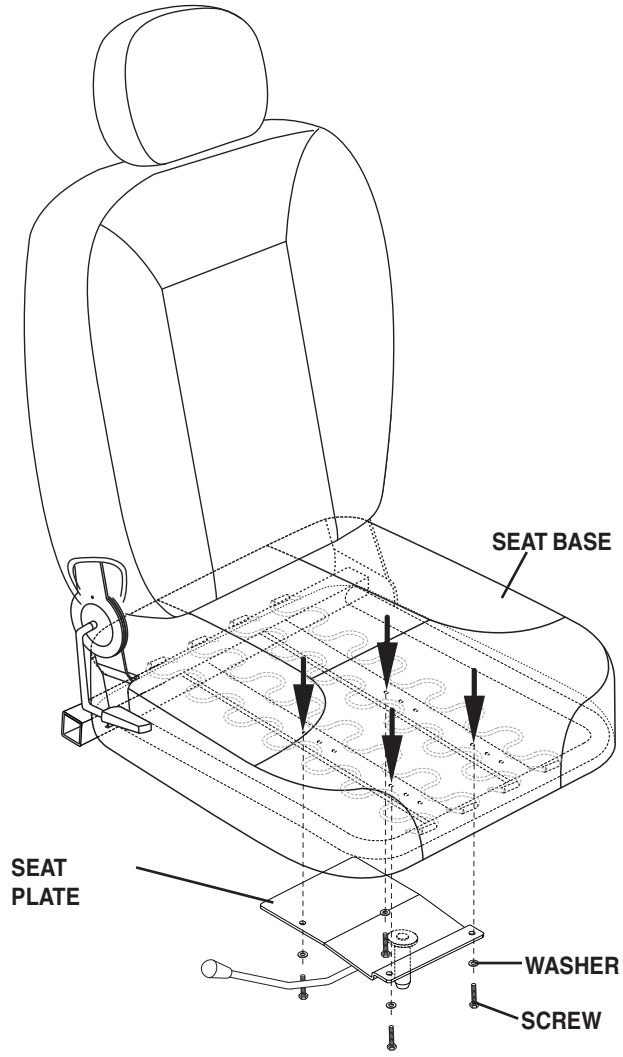
To change the seat position:

1. Turn off the power to the controller.
2. Make sure the power chair is in drive mode.
3. Unplug the controller connector(s) from the power base.
4. Remove the seat from the power base.
5. Remove the screws and washers from the bottom of the seat plate. **See figure 9.**
6. Slide the seat plate forward or rearward, aligning the holes in the plate with the corresponding holes on the seat base. You must move both sides of the seat forward or rearward the same number of holes.

WARNING! Changing the position of the seat can cause instability. Do not change your seating configuration without first contacting your authorised provider.

WARNING! After any adjustments, repairs, or service and before use, make sure that all attaching hardware is tightened securely to prevent injury and/or equipment damage.

7. Reinstall the screws and washers to the seat plate and tighten the hardware firmly.
8. Reinstall the seat.
9. Reconnect the controller to the power base.



WARNING! The centre of gravity of your power chair was factory set to a position that meets the needs of the demographic majority of users. Your authorised provider has evaluated your power chair and made any necessary adjustments to suit your specific requirements. Adjusting the seat position can cause instability. Do not change your seating configuration without first contacting your authorised provider.

Figure 9. Seat Position Adjustment

V. COMFORT ADJUSTMENTS

MANUAL RECLINE SEATBACK ADJUSTMENT

If your power chair is equipped with a manual recline seatback, you can adjust the seatback angle with the seatback release lever. The lever is located on the right side of the seat base. **See figure 10.**

To adjust the recline angle:

1. Pull up on the seatback release lever.
2. Lean forward or rearward to the desired position.
3. Release the lever.

Armrest Width Adjustment

You can change each armrest's width independently of the other.

NOTE: Changing the armrest width may increase the overall width of your power chair.

To change the armrest width:

1. Locate the armrest width adjustment knob on each side of the armrest receiver bracket. **See figure 10.**
2. Loosen the knob.
3. Slide the armrests in or out to the desired width.
4. Tighten the knob.

Armrest Angle Adjustment

To change the armrest angle:

1. Lift the armrest straight up so that it is perpendicular to the floor.
2. Loosen the locking nut.
3. Turn the adjustment screw to raise or lower the front of the armrest.
4. Tighten the locking nut to lock the adjustment screw into place.

Armrest Height Adjustment

To change the armrest height:

1. Loosen the setscrew on the armrest. **See figure 10.**
2. Raise or lower the armrest to the desired height.
3. Tighten the setscrew to secure the armrest.

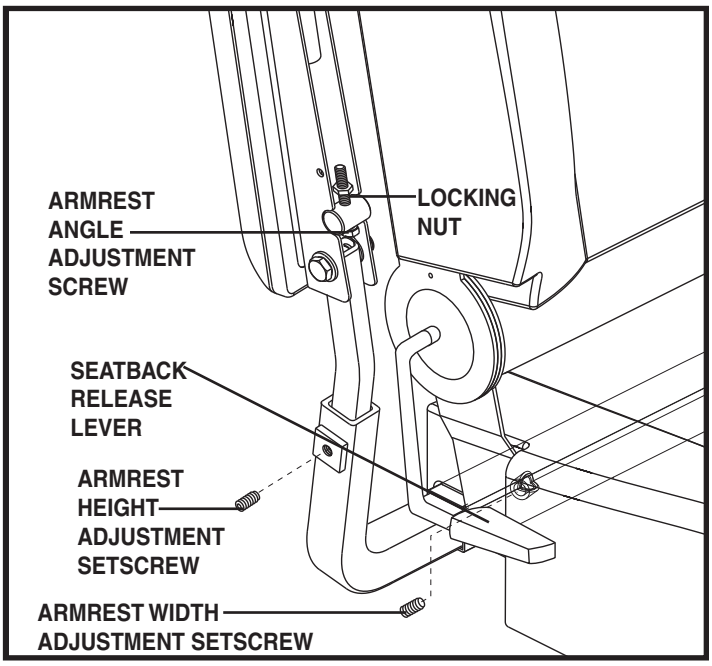


Figure 10. Armrest and Seatback Adjustments

V. COMFORT ADJUSTMENTS

CONTROLLER POSITION

You can move the controller in toward or out away from the armrest, or change the position of the controller for either left-hand or right-hand use.

WARNING! Do not place the controller harness so that it can be pinched in the seat frame or the power base frame.

To extend the controller:

1. Flip up the armrest so it is perpendicular to the floor.
2. Loosen the setscrew on the controller bracket. **See figure 11.**
3. Slide the controller into or out of the armrest to the desired position.
4. Tighten the setscrew to secure the controller.

To change the controller position:

1. Turn off the power to the controller.
2. Unplug the controller harness from the power base.
3. Cut the wire tie(s) that secure the controller harness to the armrest and seat.
4. Flip up the armrest so it is perpendicular to the floor.
5. Loosen the setscrew on the controller bracket. **See figure 7.**
6. Slide the controller out of the armrest.
7. Loosen the setscrew in the other armrest.
8. Place the controller in the other armrest.
9. Tighten the setscrew to secure the controller.
10. Route the controller harness along the seat frame and secure with wire ties. **See figure 7.**
11. Plug the controller connector into the power base. **See figure 2.**

FOOT PLATFORM HEIGHT ADJUSTMENT

You may be able to adjust the height of the foot platform. **See figure 12.**

To adjust the foot platform height:

1. Remove the hardware that secures the foot platform to the foot platform bracket.
2. Move the foot platform to the desired height.
3. Reinstall the hardware that secures the foot platform to the foot platform bracket and tighten.

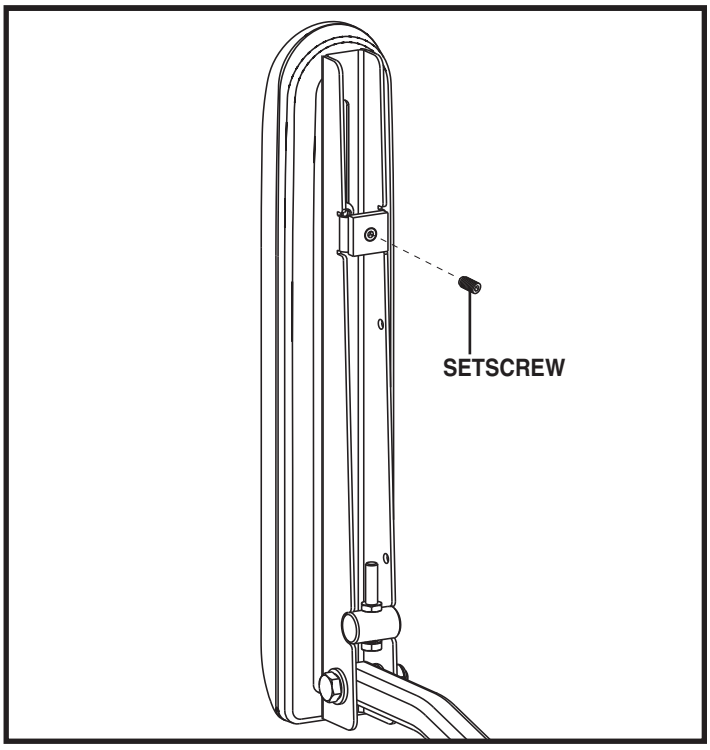


Figure 11. Underside of Armrest

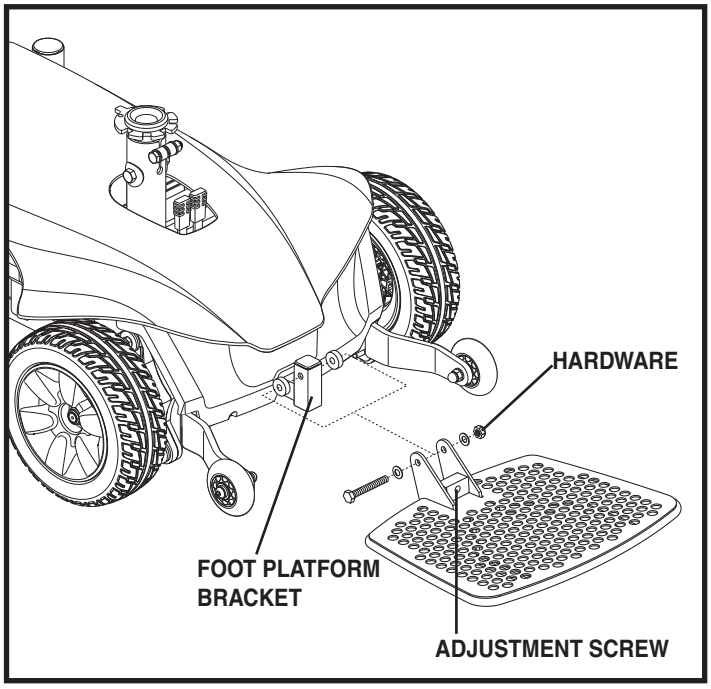


Figure 12. Foot Platform Angle Adjustment

V. COMFORT ADJUSTMENTS

FOOT PLATFORM ANGLE ADJUSTMENT

You can adjust the angle of the foot platform. **See figure 12.**

To adjust the foot platform angle:

1. Flip up the foot platform and locate the adjustment screw.
2. Turn the adjustment screw to raise or lower the front of the foot platform.

SWING-AWAY FOOTRESTS

Swing-away Footrests (SFRs) enable you to rotate the footrests to the side before you transfer onto or off of your power chair. **See figure 13.**

To rotate the SFRs:

1. Push in the release lever.
2. Rotate the SFRs.

To adjust the SFR length:

1. Remove the adjustment screws from the footrest extension.
2. Slide the footrest up or down to the desired length.
3. Reinstall the two adjustment screws.

ELEVATING LEG RESTS

Elevating Leg Rests (ELRs) offer an infinite range of adjustment for the leg angle and a footrest adjustment range of 30.48-48.26 cm (12-19 in.). **See figure 14.**

To rotate the ELRs:

1. Push in release lever A.
2. Rotate the ELRs.

To adjust the ELR angle:

1. Push down release lever B.
2. Move the leg rest to the desired angle.

To adjust the ELR length:

1. Remove the two adjustment screws from the side of each leg rest extension.
2. Slide the leg rest up or down to the desired length.
3. Reinstall the two adjustment screws.

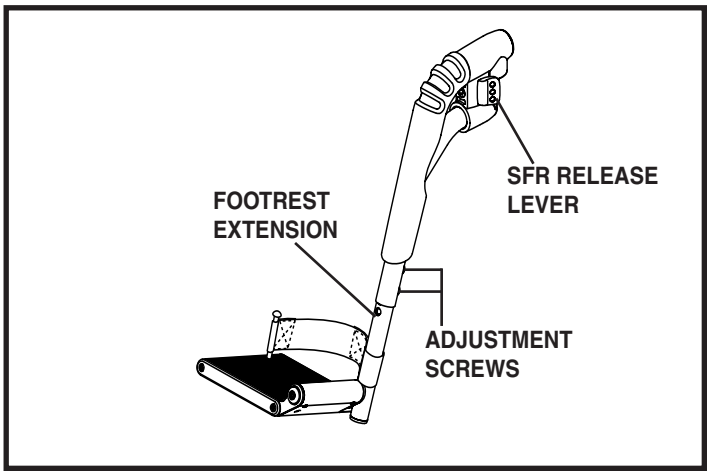


Figure 13. Swing-Away Footrests

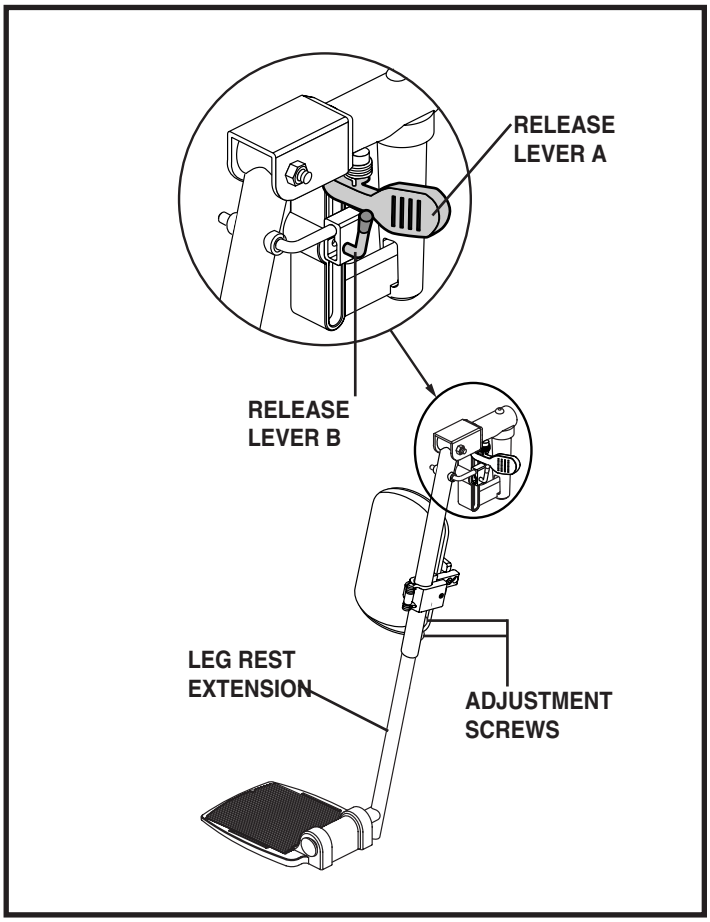


Figure 14. Elevating Leg Rests

V. COMFORT ADJUSTMENTS

POSITIONING BELT

Your power chair may be equipped with a positioning belt that can be adjusted for operator comfort. **See figure 15.** The positioning belt is designed to support the operator so that he/she does not slide down or forward in the seat. The positioning belt is not designed for use as a restraining device.

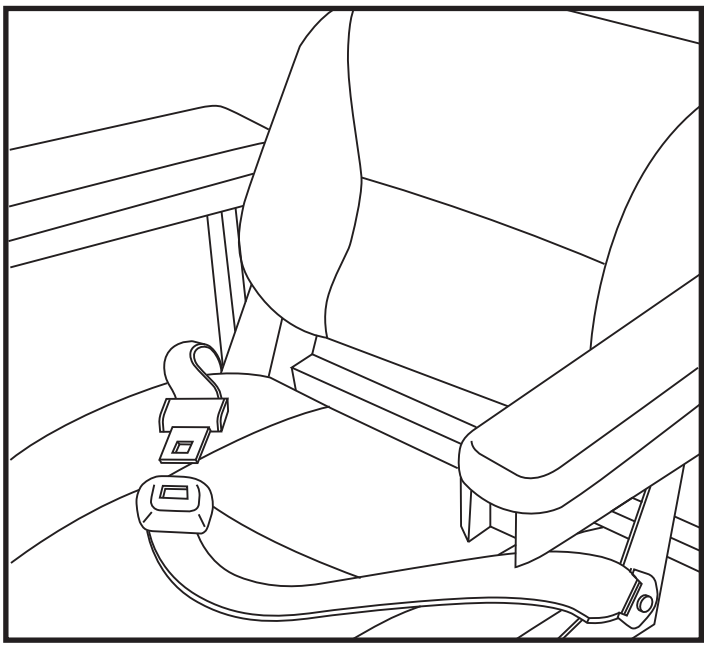


Figure 15. Positioning Belt Adjustment

WARNING! The positioning belt is not designed for use as a seat belt in a motor vehicle. Anyone traveling in a vehicle should be properly belted into seats approved by the vehicle manufacturer. Your power chair is not suitable for use as a seat in any vehicle with the following exception: The vehicle must be equipped with a Wheelchair Tiedown and Occupant Restraint System (WTORS) that has been installed in accordance with the tie-down manufacturer's instructions, and is compliant with ANSI/RESNA WC/Vol. 4, Section 18/ISO 10542 standards, and the power chair must have a transit securement system onforming to ANSI/RESNA WCNol. 4, Section 19/ ISO 7176-19 standards. It is essential to use a complete WTORS to secure the power chair to the vehicle and to provide the power chair occupant with a properly designed and tested safety restraint system. A restraint system with both pelvic and upper-torso belts must be used to protect the power chair occupant and minimize the likelihood of injury caused by contact with the vehicle during a crash or sudden braking.

WARNING! The positioning belt should be secured at all times. Never allow the positioning belt to hang or drag on the floor as it may become entangled.

To install the positioning belt:

1. Remove the rearmost screw that holds the seat hinge to the seat base on both the left and right seat hinges.
2. Insert the screw through the supplied washer, through the positioning belt and into the seat base for each side of the power chair seat.
3. Tighten both screws.

To adjust the positioning belt for operator comfort:

1. Once seated, insert the metal tab on one side of the belt into the plastic housing on the opposite side until you hear a click. **See figure 19.**
2. Pull the excess strap attached to the metal tab until it is secure, but not so tight as to cause discomfort.

To release the positioning belt:

1. Press the push button mechanism on the plastic housing.

MANDATORY! Make sure the positioning belt is properly secured to the power chair and is adjusted for operator comfort before each use.

MANDATORY! Inspect the positioning belt for loose parts or damage, including tears, worn spots, bent hardware, damaged latch mechanisms, dirt or debris, before each use of the power chair. If you discover a problem, contact your authorized Pride Provider for maintenance and repair.

VI. BATTERIES AND CHARGING

BATTERIES AND CHARGING

Your power chair uses two long-lasting, 12-volt, deep-cycle batteries. These batteries are sealed and maintenance free. Since they are sealed, there is no need to check the electrolyte (fluid) level. Deep-cycle batteries are designed to handle a longer and deeper discharge. Though they are similar in appearance to automotive batteries, they are not interchangeable. Automotive batteries are not designed to handle a long, deep discharge, and also are unsafe for use in power chairs.

MANDATORY! Battery posts, terminals, and related accessories contain lead and lead compounds. Wear goggles and gloves when handling batteries and wash hands after handling.

PROHIBITED! Always use two batteries of the exact same type, chemistry, and amp-hour (Ah) capacity. Refer to the specifications table in this manual and in the manual supplied with the battery charger for recommended type.

WARNING! Contact your authorised provider if you have any questions regarding the batteries in your power chair.

Charging the Batteries

The battery charger is essential in providing long life for your power chair batteries. It is designed to optimize your power chair's performance by charging the batteries safely, quickly, and easily. The battery charger is only functional when the charger power cord is plugged into an electrical outlet.

PROHIBITED! Removal of grounding prong can create electrical hazard. If necessary, properly install an approved 3-pronged adapter to an electrical outlet having 2-pronged plug access.

PROHIBITED! Never use an extension lead to plug in your battery charger. Plug the charger directly into a properly wired standard electrical outlet.

PROHIBITED! Do not allow unsupervised children to play near the power chair while the batteries are charging. It is recommended that you do not charge the batteries while the power chair is occupied.

MANDATORY! Read the battery charging instructions in this manual and in the manual supplied with the battery charger before charging the batteries.

WARNING! Explosive gases may be generated while charging the batteries. Keep the power chair and battery charger away from sources of ignition such as flames or sparks and provide adequate ventilation when charging the batteries.

WARNING! You must recharge your power chair's batteries with the supplied off-board battery charger. Do not use an automotive-type battery charger.

WARNING! Inspect the battery charger, wiring, and connectors for damage before each use. Contact your authorised provider if damage is found.

WARNING! Do not attempt to open the battery charger case. If the battery charger does not appear to be working correctly, contact your authorised provider.

WARNING! Be aware that the battery charger case may become hot during charging. Avoid skin contact and do not place on surfaces that may be affected by heat.

WARNING! If the battery charger is equipped with cooling slots, then do not attempt to insert objects through these slots.

WARNING! If your battery charger has not been tested and approved for outdoor use, then do not expose it to adverse or extreme weather conditions. If the battery charger is exposed to adverse or extreme weather conditions, then it must be allowed to adjust to the difference in environmental conditions before use indoors. Refer to the manual supplied with the battery charger for more information.

VI. BATTERIES AND CHARGING

To charge the batteries using the off-board charger:

1. Position the front of your power chair next to a standard electrical outlet.
2. Be certain the controller power is turned off and the freewheel levers are in the engaged position. See III. "Your Power Chair."
3. Plug the off-board charger into the off-board charger/programming socket on the controller. **See figure 16.**
4. Plug the off-board charger into the electrical outlet.

WARNING! The LED lights on the charger indicate different charger conditions at various times: charger power on, charging in progress, and charging complete. If the LED does not indicate that charging is complete within 24 hours, unplug the charger from the outlet and contact your provider. Refer to the manual supplied with the charger for a complete explanation of these indicators.

5. When the batteries are fully charged, unplug the off-board charger from the electrical outlet and then from the controller.

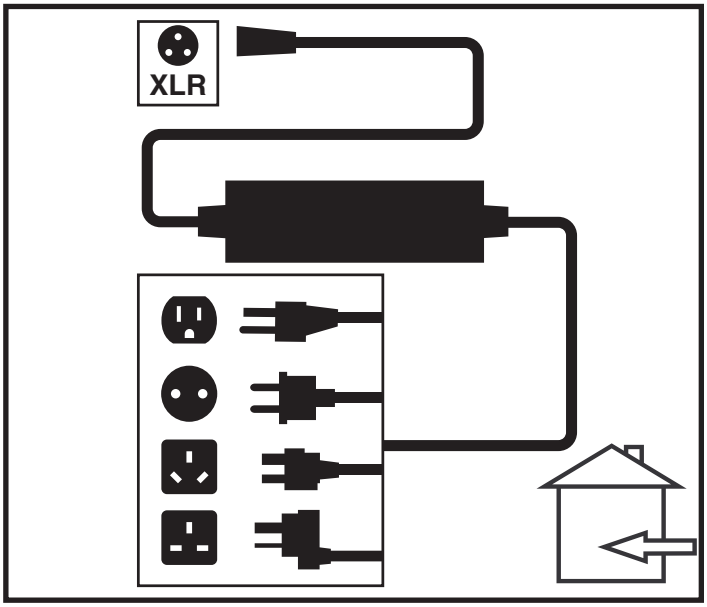


Figure 16. Battery Charging

Battery Break-in

To break in new batteries for maximum efficiency:

1. Fully recharge any new battery prior to its initial use. This brings the battery up to about 90% of its peak performance level.
2. Operate your power chair throughout the house and grounds. Move slowly at first, and do not travel too far until you become accustomed to the controls and break in the batteries.
3. Give the batteries another full charge of 8 to 14 hours and operate your power chair again. The batteries will now perform at over 90% of their potential.
4. After four or five charging cycles, the batteries will top off at 100% charge and last for an extended period.

FREQUENTLY ASKED QUESTIONS (FAQS)

How does the charger work?

The battery charger takes the standard electrical outlet voltage (alternating current) and converts it to 24 VDC (direct current). The power chair batteries use direct current to run your power chair. When the battery voltage is low, the charger works harder to charge the battery. As the battery voltage approaches full charge, the charger doesn't work as hard to complete the charging cycle. When the battery is fully charged, the amperage from the charger is nearly at zero. This is how the charger maintains a charge but does not overcharge the battery.

Can I use a different battery charger?

You should use the charger supplied with the power chair. It is the safest, most efficient tool to charge the batteries. We do not recommend using other types of chargers (e.g., an automotive battery charger).

VI. BATTERIES AND CHARGING

NOTE: Your power chair's charger will not operate after the batteries have been discharged to nearly zero voltage. If this happens, contact your authorised provider for assistance.

How often must I charge the batteries?
Many factors come into play when deciding how often to charge the batteries. You may use your power chair all day on a daily basis or you may not use it for weeks at a time.

- **Daily Use**
  If you use your power chair on a daily basis, charge the batteries as soon as you are finished using your power chair. Your power chair will be ready each morning to give you a full day's service. It is recommended that you charge the batteries at least 8 to 14 hours after daily use. Pride recommends that you charge the batteries for an additional 4 hours after the battery charger indicates the charging is complete.

- **Infrequent Use**
  If you use your power chair infrequently (once a week or less), you should charge the batteries at least once per week for at least 24 hours.

NOTE: Keep your batteries fully charged a11d llvoid deeply discharging your batteries. Refer to the manual supplied witli the battery charger for charging instructions. Pride recommends charging your batteries for at least 48 continuous hours once per month to improve battery performance and battery life.

How can I get maximum range or distance per charge?
Rarely do you have an ideal driving situation such as smooth, flat, hard terrain with no wind, hills, or curves. More often you are presented with hills, pavement cracks, uneven and loosely packed surfaces, curves, and wind. All of these factors will affect the distance or running time per battery charge. Below are a few suggestions for obtaining the maximum range per charge:

- Always charge the batteries fully prior to your trip.
- Plan your trip in advance to avoid inclines if possible.
- Limit baggage weight to essential items.
- Try to maintain an even speed and avoid stop-and-go driving.
- Pride recommends charging your batteries for at least 48 continuous hours once per month to improve battery Lperformance and battery life.

What type of batteries should I use?
We recommend deep-cycle batteries that are sealed and maintenance free. Both AGM and Gel-Cell are deep-cycle batteries that are similar in performance.

WARNING! Corrosive chemicals contained in batteries. Use only AGM or Gel-Cell batteries to reduce the risk of leakage or explosive conditions.

Why do my new batteries seem weak?
Deep-cycle batteries employ a much different chemical technology than that used in car batteries, nickel-cadmium (nicads), or in other common battery types. Deep-cycle batteries are specifically designed to provide power, drain down their charge, and then accept a relatively quick recharge. AGM and Gel-Cell batteries should be charged as often as possible. They do not have a "memory" like nickel-cadmium batteries.

VI. BATTERIES AND CHARGING

We work closely with our battery manufacturer to provide a battery that best suits your power chair's specific demands. Fresh batteries arrive regularly and are promptly shipped with a full charge. During shipping, the batteries encounter temperature extremes that may influence initial performance. Heat robs the charge from the battery, and cold slows the power available and extends the time needed to recharge the battery (just as with a car battery).

It might take a few days for the temperature of the battery to stabilise and adjust to its new ambient temperature. More importantly, it will take a few "charging cycles" (a partial drain — then a full recharge) to establish the critical chemical balance that is essential to the battery's peak performance and long life. It will be well worth it to take the time to break in your battery properly.

How can I ensure maximum battery life?
A fully charged deep-cycle battery will provide reliable performance and extended battery life. Keep your power chair's batteries fully charged whenever possible. Batteries that are regularly and deeply discharged, infrequently charged, or stored without a full charge may be permanently damaged, causing unreliable power chair operation and limited battery life.

NOTE: The useful life of a battery is quite often a reflection of the care it receives.

How should I store my power chair and its batteries?
If you do not use your power chair regularly, we recommend maintaining battery vitality by charging the batteries at least once per week.

If you do not plan on using your power chair for an extended period, fully charge the batteries prior to storage. Disconnect the battery harnesses and store the power chair in a warm, dry environment. Avoid temperature extremes, such as freezing and excessively hot conditions, and never attempt to charge a frozen battery. A cold or frozen battery should be warmed for several days prior to recharging.

What about public transport?
AGM and Gel-Cell batteries are designed for application in power chairs and other mobility vehicles. These batteries are Federal Aviation Administration (FAA) approved, allowing safe transportation on aircraft, buses, and trains, as there is no danger of spillage or leakage. We suggest you contact the carrier's ticket counter in advance to determine that carrier's specific requirements.

What about shipping?
If you wish to use a freight company to ship your power chair to your final destination, repack your power chair in the original shipping container and ship the batteries in separate boxes.

VII. CARE AND MAINTENANCE

CARE AND MAINTENANCE

Your Jazzy Select Elite is a sophisticated power chair. Like any motorized vehicle, it requires routine maintenance checks. You can perform some of these checks, but others require assistance from an authorised service representative. Preventive maintenance is very important. If you follow the maintenance checks in this section as scheduled, you can help ensure that your power chair gives you years of trouble-free operation. If you have any doubt as to your power chair's care or operation, contact your authorised provider.

WARNING! Do not service the power chair when the seat is occupied.

Your power chair, like most electrical equipment, is susceptible to damage from the elements. Avoid damp areas of any kind.

WARNING! Direct or prolonged exposure to water or dampness could cause the power chair to malfunction electronically and mechanically. Water can cause electrical components to corrode and the chair's frame to rust. Power chairs should be examined periodically for signs of corrosion caused by water exposure, bodily fluids exposure, or incontinence. Damaged components should be replaced or treated immediately.

Should your power chair come in contact with water:

1. Dry your power chair as thoroughly as possible with a towel.
2. Allow your power chair to sit in a warm, dry place for 12 hours to allow unseen water to evaporate.
3. Check the joystick operation and the brakes before using your power chair again.
4. If any inconsistencies are found, take your power chair to an authorised service centre. Power chairs that are frequently exposed to sources of water, such as incontinence, should be inspected often for corrosion and electronic components may need to be replaced frequently.

Temperature

- Although your power chair can withstand short-term storage temperatures between -40°F (-40°C) to 149°F (65°C), it is recommended that long-term storage temperatures be between -13°F (-25°C) and 122°F (50°C). Ideal storage conditions are 68°F (20°C) to 70°F (21°C) wherever possible, but we realize that is not always feasible due to different climates and environments.
- In extremely cold temperatures the batteries may freeze. The specific temperature at which they freeze depends on a number of factors, such as battery charge, usage, and composition of the batteries (e.g., AGM or Gel-Cell).

General Guidelines

- Avoid knocking or bumping the controller, especially the joystick.
- Do not remove the controller cover, if equipped. Contact your authorised provider if any maintenance is required.
- Avoid prolonged exposure of your power chair to extreme conditions, such as heat, cold, or moisture.
- Keep the controller clean.
- Check all connectors to ensure that they are all tight and secured properly.
- Make sure pneumatic tyres are inflated to the psi/bar/kPa air pressure rating indicated on the tyre.

WARNING! Make sure your tyres are inflated to the psi/bar/kPa air pressure rating indicated on the tyre for pneumatic tyres. Do not underinflate or overinflate your tyres. Low pressure may result in loss of control, and overinflated tyres may burst. Overinflating tyres can cause them to explode.

WARNING! Do not use a high pressure hose to inflate your tyres.

- Use a rubber conditioner on the tyre sidewalls to help preserve them.

WARNING! Never use a rubber conditioner on the tread area of the tyres; doing so may make the tyres slippery and cause your power chair to skid.

- All wheel bearings are prelubricated and sealed. They require no subsequent lubrication.

VII. CARE AND MAINTENANCE

- If your power chair has a body shroud with a **glossy finish**, the body shroud has been sprayed with a clear sealant coating. You can apply a light coat of car wax to help it retain its high-gloss appearance. If your power chair has a body shroud with a **matte finish**, use ONLY products developed for matte-finish paint. Do not use wax, detail spray, ArmorAll®, or any product made for glossy paint.

WARNING! Carefully choose the correct product to protect the finish of your power chair's shroud(s). ONLY products developed for matte-finish paint should be used on shrouds with amatte finish. Failure to follow this warning may result in damage to the shroud's matte paint finish.

- Check all electrical connections. Make sure they are tight and are not corroded. Batteries must sit flat within the battery boxes and battery well frame with the battery terminals facing forward. Refer to the battery wiring label for the correct wiring layout.

WARNING! Even though the power chair has passed the necessary testing requirements for ingress of liquids, you should keep electrical connections away from sources of dampness, including direct exposure to water or bodily fluids and incontinence. Check electrical components frequently for signs of corrosion and replace as necessary.

Daily Checks

- With the controller turned off, check the joystick. Make sure it is not bent or damaged and that it returns to the neutral position when you release it. Check the rubber boot around the base of the joystick for damage. Visually inspect the boot. Do not handle or try to repair it. See your authorised provider if there is a problem.
- Visually inspect the controller harness. Make sure that it is not frayed, cut, or has any wires exposed. See your authorised provider if there is a problem.
- Check for flat spots on solid tyres. Flat spots could adversely affect stability.
- Inspect the seating system, armrests, and front riggings for loose hardware, stress points, or damage. See your authorised provider if there is a problem.

Weekly Checks

- Inspect the controller and charger harnesses for corrosion. Contact your authorised provider if necessary.
- Ensure that all parts of the controller system are securely fastened to your power chair. Do not overtighten any screws.
- Check for proper tyre inflation. If a tyre does not hold air, contact your authorised provider for replacement of the tube.
- Check the brakes. This test should be carried out on a level surface with at least 1 metre (3 feet) of clearance around your power chair.

To check the brakes:

1. Turn on the controller and turn down the speed level of your power chair.
2. After one second, check the battery condition meter. Make sure that it remains on.
3. Slowly push the joystick forward until you hear the electric brakes click. Immediately release the joystick. You must be able to hear each electrical brake operating within a few seconds of joystick movement. Repeat this test three times, pushing the joystick rearward, then left, and then right.

Monthly Checks

- Check that the anti-tip wheels do not rub the ground when you operate the power chair. Adjust them as necessary.
- Check for extreme wear on the anti-tip wheels. Replace them as necessary.
- Check for drive tyre wear. See your authorised provider for repair.
- Check the caster wheels for wear. Replace them as necessary.
- Check the caster forks for damage or fluttering which indicates that they may need to be adjusted or have the bearings replaced. See your authorised provider for repair.

VII. CARE AND MAINTENANCE

- Check the entire power chair for loose hardware and changes in the function or performance of the power chair. See your authorised provider for service or repair.
- Keep your power chair clean and free of foreign material, such as mud, dirt, hair, food, drink, etc.

Yearly Checks

Take your power chair to your authorised provider for yearly maintenance, especially if you use your power chair on a daily basis. This helps ensure that your power chair is functioning properly and helps prevent future complications.

Storage

Your power chair should be stored in a dry place, free from temperature extremes. When storing, disconnect the batteries from the power chair. See VI. “Batteries and Charging.”

WARNING! If you fail to store the unit properly, the frame can rust and the electronics can be damaged.

You may wish to place several boards under the frame of your power chair to raise it off of the ground during periods of prolonged storage. This takes the weight off the tyres and reduces the possibility of flat spots developing on the areas of the tyres contacting the ground.

Disposal of Your Power Chair

Your power chair must be disposed of according to applicable local and national statutory regulations. Contact your local waste disposal agency or authorised provider for information on proper disposal of power chair packaging, metal frame components, plastic components, electronics, batteries, neoprene, silicone, and polyurethane materials.

WARNING! Plastic bags are a suffocation hazard. Dispose of plastic bags properly and do not allow children to play with them.

Cleaning and Disinfection

- Use a damp cloth and mild, non-abrasive cleanser to clean the plastic and metal parts of your power chair. Avoid using products that may scratch the surface of your power chair.
- If necessary, clean your product with an approved disinfectant. Make sure the disinfectant is safe for use on your product before application.

WARNING! Follow all safety instructions for the proper use of the disinfectant and/or cleaning agent before applying it to your product. Failure to comply may result in skin irritation or premature deterioration of upholstery and/or power chair finishes.

WARNING! Never hose off your power chair or place it in direct contact with water. Your power chair has a painted, ABS plastic body shroud that allows it to be easily wiped clean with a damp cloth.

WARNING! Never use any chemicals to clean a vinyl seat, as they may cause the seat to become slippery or dry out and crack. Use soapy water and dry the seat thoroughly.

Wheel Replacement

If you have pneumatic tyres and you have a flat tyre, replace the tube. If your chair is equipped with a solid tyre insert, then you must replace the whole wheel assembly. Replacement tyres, tubes, and wheel assemblies are readily available through your authorised provider.

WARNING! The wheels on your power chair should only be serviced or replaced by an authorised provider or a qualified technician.

WARNING! Be sure that the power to the controller is turned off and the power chair is not in freewheel mode before performing this procedure.

WARNING! When changing a tyre, remove only the centre lug nut and washer, then remove the wheel. If any further disassembly is required, deflate the tyre completely or it may explode.

VII. CARE AND MAINTENANCE

Follow these easy steps for a quick and safe repair for both pneumatic and solid tires:

1. Turn off the power to the controller.
2. Make sure that the power chair is in drive mode. **See figure 8.**
3. Raise and support the power base so that the wheel is at least 2.5 cm (1 in.) off of the ground.
4. Remove the drive wheel nut and washer from the axle. **See figure 21.**
5. Remove the drive wheel from the axle. Make sure that you keep the key.
6. Replace the entire assembly.
7. Slide the wheel back onto the axle. Make sure that the key is in the axle slot.

WARNING! Failure to ensure that the axle key is properly installed into the axle slot when mounting the wheel can result in electronic brake failure, personal injury, and/or product damage.

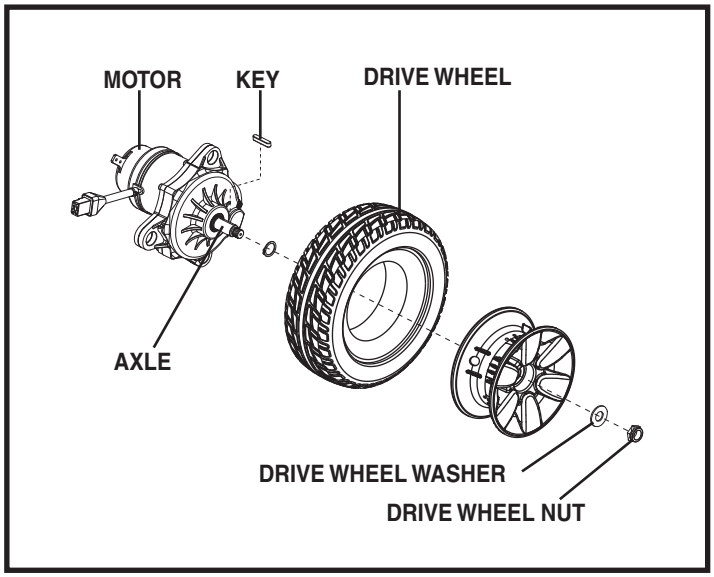


Figure 17. Jazzy Select Elite Drive Wheel Removal

8. Reinstall the drive wheel nut and washer onto the axle and tighten. **See figure 17.**

NOTE: Any nylon insert lock nut removed during the disassembly or adjustment of the power chair must be replaced with a new nut. Nylon insert lock nuts should not be reused as it may cause damage to the nylon insert, resulting in a less secure fit. Replacement nylon insert lock nuts are available at local hardware stores or through your authorised provider.

WARNING! Make sure both the nut and the washer are reinstalled and tightened properly.

9. Remove the power chair from the base support.

Battery Replacement

A battery wiring diagram is printed on a decal located on the power base. See VI. “Batteries and Charging” for correct battery specifications.

Pb Lead

MANDATORY! Battery posts, terminals, and related accessories contain lead and lead compounds. Wear goggles and gloves when handling batteries and wash hands after handling.

WARNING! The batteries in your power chair should only be serviced or replaced by an authorised provider or a qualified technician.

WARNING! Do not replace batteries when seat is occupied.

WARNING! Power chair batteries are heavy. See specifications table. If you are unable to lift that much weight, be sure to get help. Use proper lifting techniques and avoid lifting beyond your capacity.

WARNING! Do not mix old and new batteries. Always replace both batteries at the same time.

PROHIBITED! Keep tools and other metal objects away from the battery terminals. Contact with tools can cause electrical shock.

You may need the following to change your batteries:

- metric/standard socket set and ratchet
- adjustable spanner

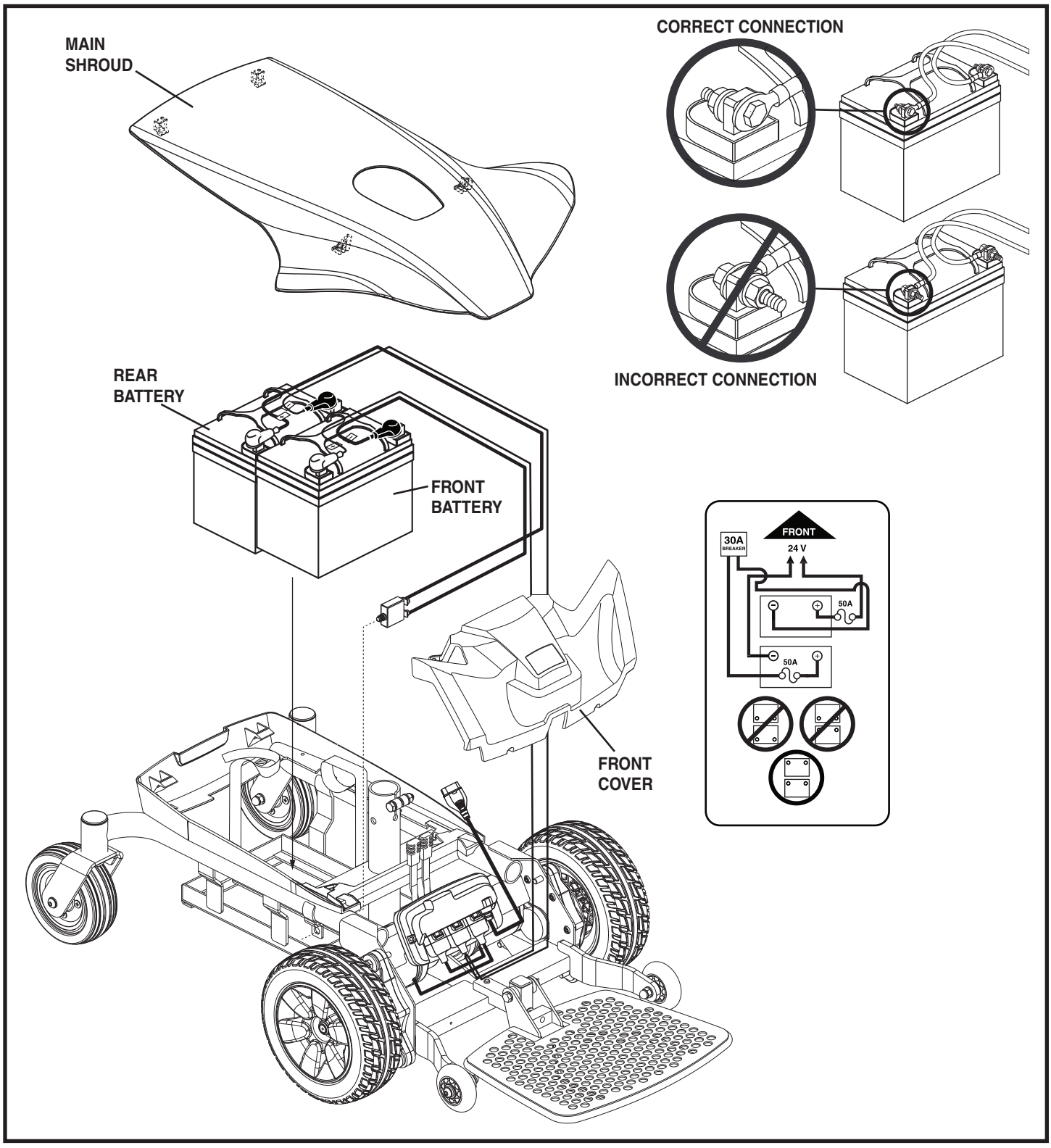


Figure 18. Battery Installation (Seat Removed for Clarity)

VII. CARE AND MAINTENANCE

To replace the batteries:

1. Turn off the power to the controller.
2. Make sure that the power chair is in drive mode. **See figure 4.**
3. Remove the seat.
4. Remove the main shroud by lifting the rear of the main shroud until it disconnects from the body shroud. Once disconnected from the body shroud, slide the main shroud forward until the tabs are free from the body shroud. Lift the shroud up and over the seat post. **See figure 18.**
5. Unfasten the battery strap. **See figure 18.**
6. Disconnect the battery cables from the battery terminals of each battery. **See figure 18.**
7. Lift the front and rear batteries out of the power base.
8. Install new batteries into the battery tray. Make sure the terminals of each battery are facing the front of the power chair. **See figure 18.**

PROHIBITED! Do not use batteries with different amp-hour (Ah) capacities. Do not mix old and new batteries. Always replace both batteries at the same time.

9. Connect the front battery cable to the front battery terminals according to the battery wiring diagram. Make sure that the battery terminal hardware is facing the correct direction. **See figure 18.**
10. Connect the rear battery cable to the rear battery terminals according to the battery wiring diagram. Make sure that the battery terminal hardware is facing the correct direction. **See figure 22.**

WARNING! Make sure you tighten the fasteners so that the connections are secure.

11. Fasten the battery strap.
12. Reinstall the main shroud by lowering it over the seat post. Slide the main shroud rearward until the tabs are secured with the body shroud. Once secure, press firmly on the rear of the main shroud until the main shroud snaps into place.
13. Reinstall the seat.
14. Charge the batteries. See VI. “Batteries and Charging.”

When to Contact Your Authorised Provider for Service

The following symptoms could indicate a serious problem with your power chair. If necessary, contact your authorised provider. When calling, have the model number, serial number, nature of the problem, and the error code if available.

- Motor noise
- Frayed harnesses
- Cracked or broken connectors
- Uneven wear on any of the tyres
- Jerky motion
- Pulling to one side
- Bent or broken wheel assemblies
- Does not power up
- Powers up, but does not move
- Loose seat or seating components

VII. CARE AND MAINTENANCE

Corrective Maintenance

If the battery condition meter does not light up when you turn on the power:

- Check the harness connections. Make sure they are tight.
- Check the circuit breaker. Reset it if necessary.
- Check the battery connections.

If the above conditions prove normal, you can load test the batteries with a battery load tester. These testers are available at automotive parts stores. Disconnect both batteries before load testing and follow the directions that come with the load tester. If either one of the batteries fails the load test, replace both of them. If your power chair still does not power up, contact your authorised provider.

8. OTHER INSTRUCTIONS

Suggestion: Use parts approved by our company.

The manufacturer can provide maintenance technical information to the approved maintenance organization.

Scope of application: It is used for short-distance travel for the disabled and the elderly and infirm with mobility difficulties.

Production Date:

Product validity period: 5 years

Accessories and wastes of electric wheelchairs are not allowed to be thrown away at will. Please refer to page 24 for specific disposal methods.

The charger should meet the requirements of “GB 9706.1-2007”

The external dimensions of the Jazzy Elite ES and Jazzy Select Elite 2 electric wheelchairs should meet the requirements in Table 1. The appearance is shown in the figure:

Table 1 Dimensions of Electric Wheelchair (Unit: mm)

Project	Outdoor Type
Total Length L	1065
Total Length L	600
Total Height H	1055

Jazzy Elite ES

Jazzy Select Elite 2

The total mass of the Jazzy Elite ES and Jazzy Select Elite 2 electric wheelchairs should be 51kg with an error of ±10%.

The performance requirements of Jazzy Elite ES and Jazzy Select Elite 2 electric wheelchairs shall meet the requirements of Table 2

8. OTHER INSTRUCTIONS

Table 2 Performance requirements for electric wheelchairs

Project Description		Standard requirement
		Outdoor type
Maximum speed		≤6km/h
Driving braking performance	Horizontal road braking	≤1.5m
	Maximum safe slope braking	≤3.6m(6°)
Standing performance		9°
Static stability		≥9°
Dynamic stability		≥6°
Obstacle height		≥40mm
Ditch width		100mm
Gradeability		≥6°
Minimum turning radius		1200mm
Theoretical driving distance		≥20km

The basic parameters and electrical parameters are shown in Table 3 and Table 4:

Table 3 Basic parameters

Numbering	Project	Model		Tolerance scope
		Jazzy Elite ES	Jazzy Select Elite 2	
1	Total length/mm	1065	1065	±10%
2	Total width/mm	600	600	
3	Total height/mm	1055	1055	
4	Seat width/mm	460	460	
5	Seat height above ground (front end)/mm	457	457	
6	Armrest height/mm	102	102	
7	Armrest height/mm	508	508	
8	Mass/kg	51	51	
9	Maximum user mass/kg	100	100	
10	Front and rear wheels/mm Drive wheel diameter	228.6	228.6	
	Caster diameter	152.4	152.4	

8. OTHER INSTRUCTIONS

Table 4 Electrical parameters

Components	project	Model	
		Jazzy Elite ES	Jazzy Select Elite 2
Electric motor	Rated voltage/V	22.5	22.5
	Rated power/W	80	80
Battery	Rated capacity/Ah	33	33
	Rated voltage/V	12	12
	Equipped with quantity/piece	2	2
Charger	Power/V, Hz	100-240V 50-60Hz	100-240V 50-60Hz
	Maximum output current/A	3.5	3.5
Controller	Maximum output current/A	40	40

Appendix A Security Features

A.1.1 Classification according to the type of protection against electric shock: internal power supply

A.1.2 Classification by degree of protection against electric shock: Type B applied part

A.1.3 Classification according to the degree of protection against ingress of liquid: IPX4

A.1.4 According to the degree of safety when used under flammable anesthetic gas mixed with air or flammable anesthetic gas mixed with oxygen or nitrous oxide
Class: Non-AP/APG type.

A.1.5 Classification by operation mode: continuous operation.

A.1.6 Rated voltage: DC 24V.

A.1.7 Application parts that do not have protection against defibrillation discharge effects

A.1.9 has no signal output or input part.

A.1.10 is non-permanent installation equipment.

Medical device registration certificate number: National Machinery Injection 20162562456
Product technical requirement number:

Manufacturer: PRIDE MOBILITY PRODUCTS CORP.
Manufacturer Address: 401 York Avenue, Duryea, PA 18642
Phone: 800-8008586-1381
Service agency in China: Prader Motor Products Trading (Shanghai) Co., Ltd.
China Service Agency Address: Room 508, Building 4, No. 500 Jianyun Road, Pudong New Area, Shanghai
Agent name: Prader Motor Products Trading (Shanghai) Co., Ltd.
Agent residence: Room 508, Building 4, No. 500 Jianyun Road, Pudong New Area, Shanghai
Agent contact information: +86-021-5192-3035

NOTES

NOTES

USA
401 York Avenue
Duryea, PA 18642
www.pridemobility.com

Canada
5096 South Service Road
Beamsville, Ontario L0R 1B3
www.pridemobility.com

Australia
20-24 Apollo Drive
Hallam, Victoria 3803
www.pridemobility.com.au

New Zealand
38 Lansford Crescent
Avondale, Auckland 0600
www.pridemobility.co.nz

UK
32 Wedgwood Road
Bicester, Oxfordshire OX26 4UL
www.pride-mobility.co.uk

Netherlands
(Authorised EU Representative)
De Zwaan 3
1601 MS Enkhuizen
www.pride-mobility.nl

Italy
Via del Progresso-ang. Via del Lavoro
Loc. Prato della Corte
00065 Fiano Romano (RM)
www.pride-italia.it

France
26 Rue Monseigneur Ancel
69800 Saint-Priest
www.pridemobility.fr

Spain
Calle Las Minas Número 67
Polígono Industrial Urtinsa II, de Alcorcón
28923 Madrid
www.quantumrehab.es

Germany
Hövelrieger Str. 28
33161 Hövelhof
www.pridemobility.de

China
普拉德机动产品商贸（上海）有限公司
上海市浦东新区建韵路500号天纳商汇4幢508室

INFMANU4486