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ENGLISH VERSION TILL PAGE 10 中文版从第 12 页起

ITM INTEGRATED HANDLEBAR USER MANUAL

WARNING!

Read the following instructions for the correct use of the ITM integrated Handlebar. These instructions and any update are available for download at www.itm.it

Riding a bicycle can be and often really extremely dangerous. Even though the ITM products has been designed and manufactured using the most advanced technology and materials, **Even the** ITM integrated Handlebars exceed the requirements of European standards, the poor state of many roads, the cyclist's speed at the moment of Impact, hazardous climatic conditions, the cyclist's weight, and their steering skills are just some of the factors that may contribute to situations beyond the capabilities of the component. No handlebar or stem, including the ITM one, can withstand all possible impact factor

Keep this manual and all the documentation supplied by ITM as it contains important information. NOTE:

ITM RESERVES THE RIGHT TO MODIFY THIS USER'S MANUAL. ANY SUCH MODIFICATION WILL BE REPORTED ON THE ITM INTERNET SITE (www.itm.it) AND/OR MAY BE OBTAINED BY CONTACTING ITM AND/OR YOUR OWN AUTHORIZED ITM DEALER. CHECK OUT THESE THREE SOURCES OF INFORMATION PERIODICALLY TO SEE IF CHANGES HAVE BEEN MADE TO THIS USER'S MANUAL.

NOTICES TO READ WITH EXTREME CARE

Carefully check every bike component, paying particular attention to the integrated handlebar before every outing. Check that there are no breakages or deformations. If you find any, do not use the bicycle. Contact a professional mechanic for all the repairs/replacements necessary.

Get your mechanic to check the ITM integrated handlebar regularly. ITM's experience shows that many accidents can be easily avoided by having a qualified mechanic perform preliminary checks on all components.

Given the product material type, check that it is still intact after impacts or falls and replace it immediately if damage is noticed.

ITM declines all responsibility for injuries and/or damage caused by failure to replace damaged components immediately

ITM declines all responsibility for injuries and/or damage caused by failure to scrupulously observe the instructions regarding bolt tightness. A different bolt tightness can affect and indeed affects the intactness of the ITM integrated handlebar.

Technical description

- The ITM integrated handlebar are super-lightweight professional

- Headset set for steerer: Ø 28,6

For better specification see each type of integrated HB your choice

- Spacer rings, optional, to adjust the handlebar height to the cyclists needs, available in height 5, 10, 15, or 20 mm; depend on the model you cho

Assembling the components

The ITM integrated Handlebar is a hi-tech product and, therefore, must be assembled exclusively by a specialized mechanic using professional tools.

DO NOT ATTEMPT TO FIT THE ITM INTEGRATED HANDLEBAR ON YOUR OWN.

If you decide not to follow our recommendation, comply scrupulously with these instructions and be aware that you do so exclusively at your own risk and peril.

Tighten the bolts to the torque value indicated. Always use a torque wrench.

ITM declines all responsibility in the event of operations not carried out in compliance with these instructions. It is important to comply with the indicated torque values because other values may irretrievably deform the various components or damage the bolts or the component itself, and compromise its integrity.

CHOICE YOUR INTEGRATED HB

If your choice is

ITM50CR

ASSEMBLING TO THE FORK STEERER.



If you use a fork with a carbon fibre steerer, to cut it, use the special anti-crushing devices (to insert inside the steerer) that can be found on the market or provided with the fork itself or a ITM expander. Insure no burrs at steerer. We recommend the expander must have an appropriate length, well longer than the stem clamping area.

Sand the hole 17 with fine-grain and then clean carefully using methylated spirit.

Clean and degrease the fork steerer carefully using methylated spirit.

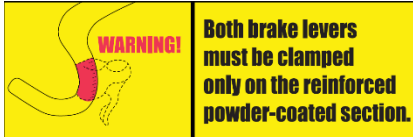
We recommend to pre-adjust cable routing before final tightening and before headset pre-loaded. Assemble and pre-adjust expander.

Centre the integrated HB so that it is coaxial with the bicycle centreline.

CABLE INSTALLATION:

Consult brake and shifter manufacturer for specific instruction of cable rout.

Both brake levers must be clamped only on the reinforced powder-coated section



Never modify the cable guide holes! Do not enlarge or use different shape of original delivered part.

The assembly of all the headset must be done by special skilled mechanical person

Position and size must be maintained in order to guaranty the handlebar right assembly.

Computer mount / Go Pro: (for ITM 50CR)

1. Remove ITM badge (A) (use hand to pull up).
2. Choose your computer device. Position the plastic adaptable kit for your computer device (see diagram and insert the plastic kit paying attention to the position of the tooth. See the red circle). (B)
3. Install, but do not fully tighten the 2XM3X6mm flat head screws belonging to the computer device.
4. Carefully torque the 2XM3X6mm flat head screws to a Max. of 0.8N-m
5. Align the tabs on the back of the computer device with the bike mount notches. (C)
6. Press down slightly and turn the computer device clockwise until it locks into place. (D)
- Exchange different computer
7. Releasing the computer device anticlockwise to unlock the device.
8. Lift the computer device on the mount.
9. Remove the 2XM3X6mm flat head screws and the adaptable kit. Then repeat the steps over described.



Go pro/light (optional)

position the alum adaptor with the holes prepare under integrated HB.

Install 2xM3 screws. Carefully torque the screw to a Max of 0.8 N-m

Loosing M5 screw from adaptor, align the connection of the go pro device or light mount notches

Install M5 screw and carefully torque the screw

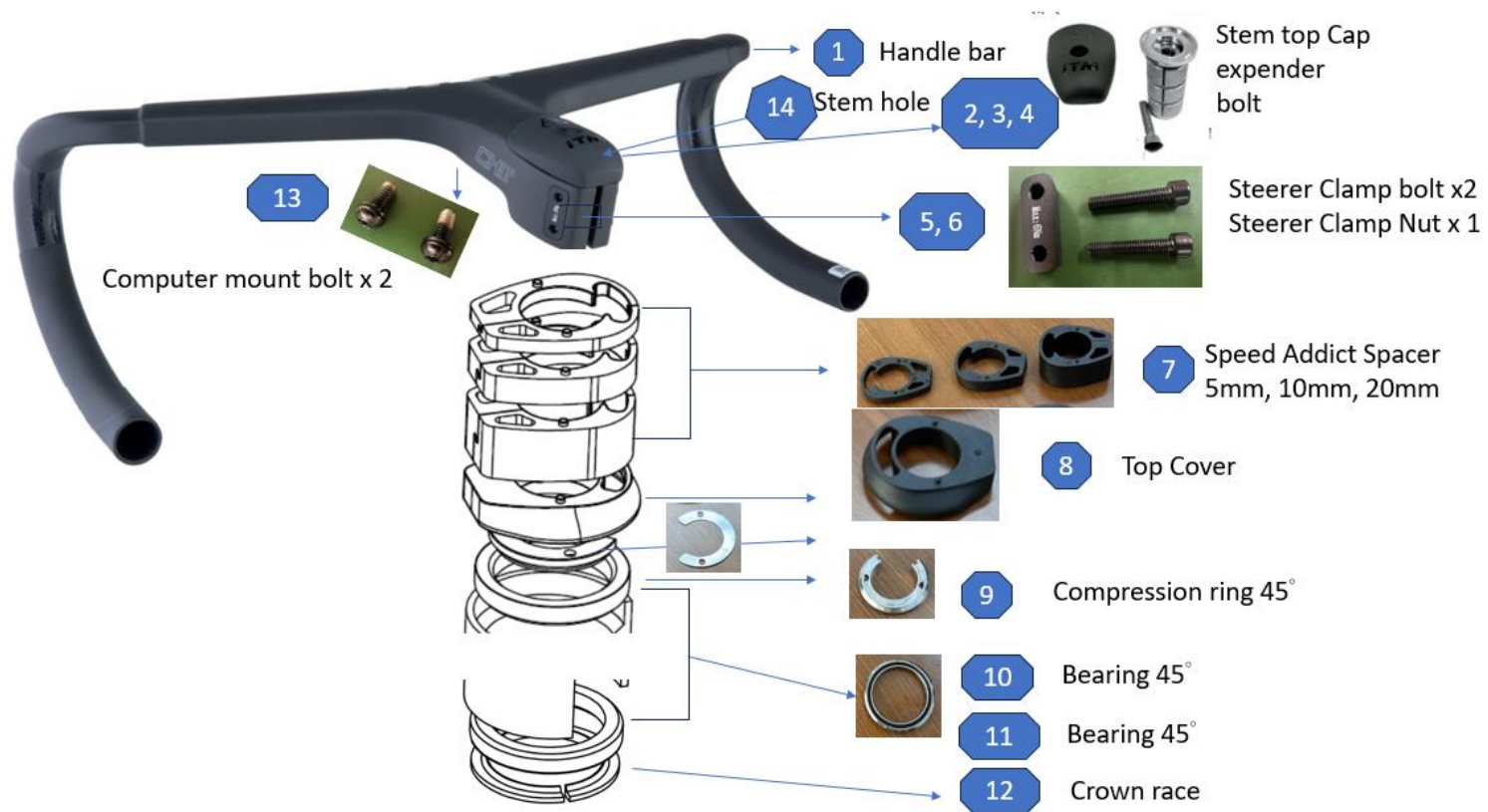
Please follow the manufacture instruction and use the Go Pro bolt and do not tight bolt over manufacture suggestion.



If your choice is

CH1R

ASSEMBLING TO THE FORK STEERER.



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Sand the stem hole 14 with fine-grain and then clean carefully using methylated spirit.

Clean and degrease the fork steerer carefully using methylated spirit.

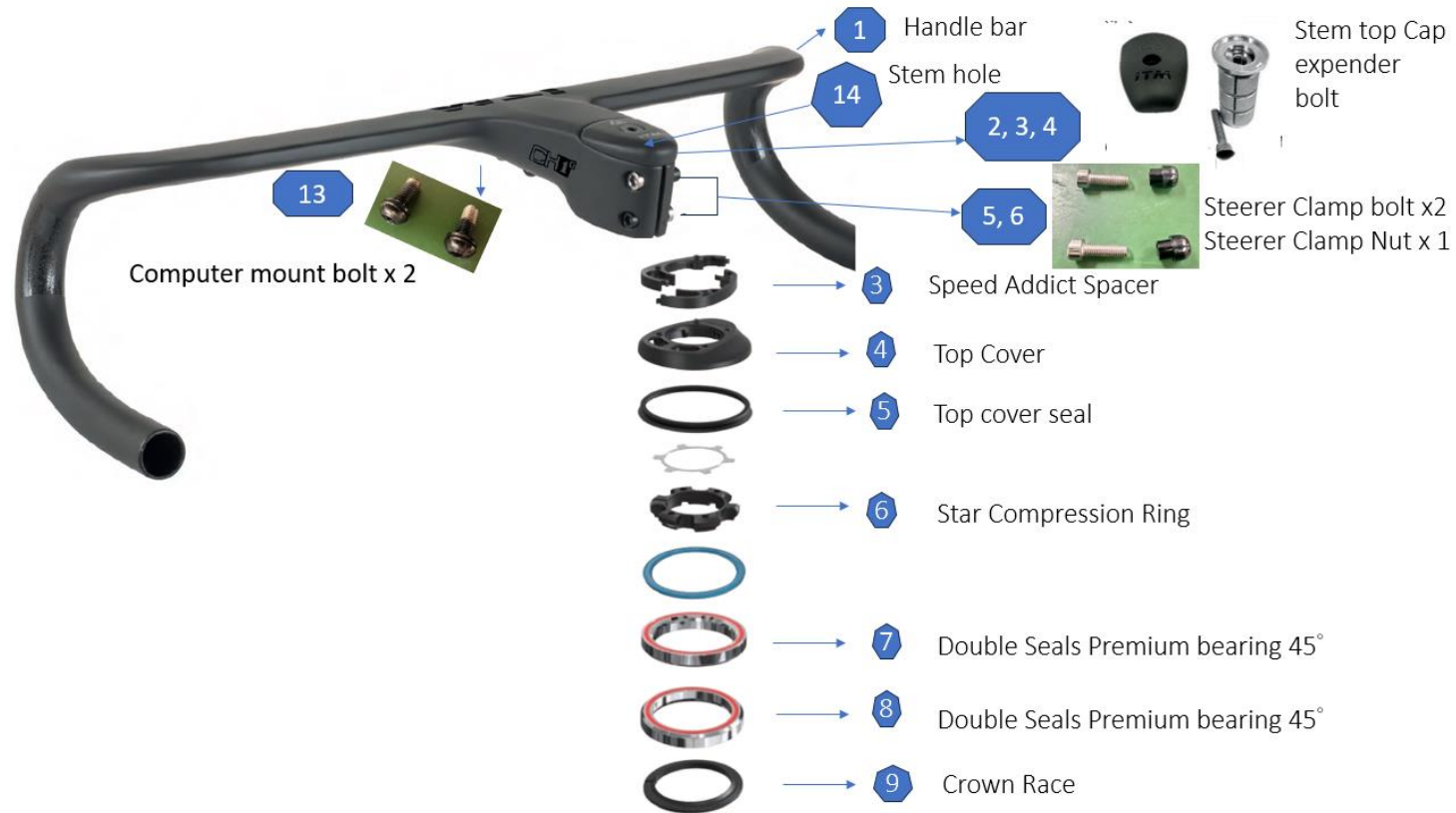
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If your choice is

CH1G

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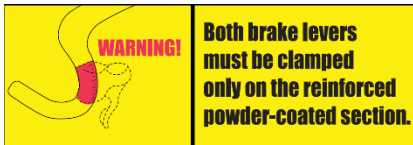
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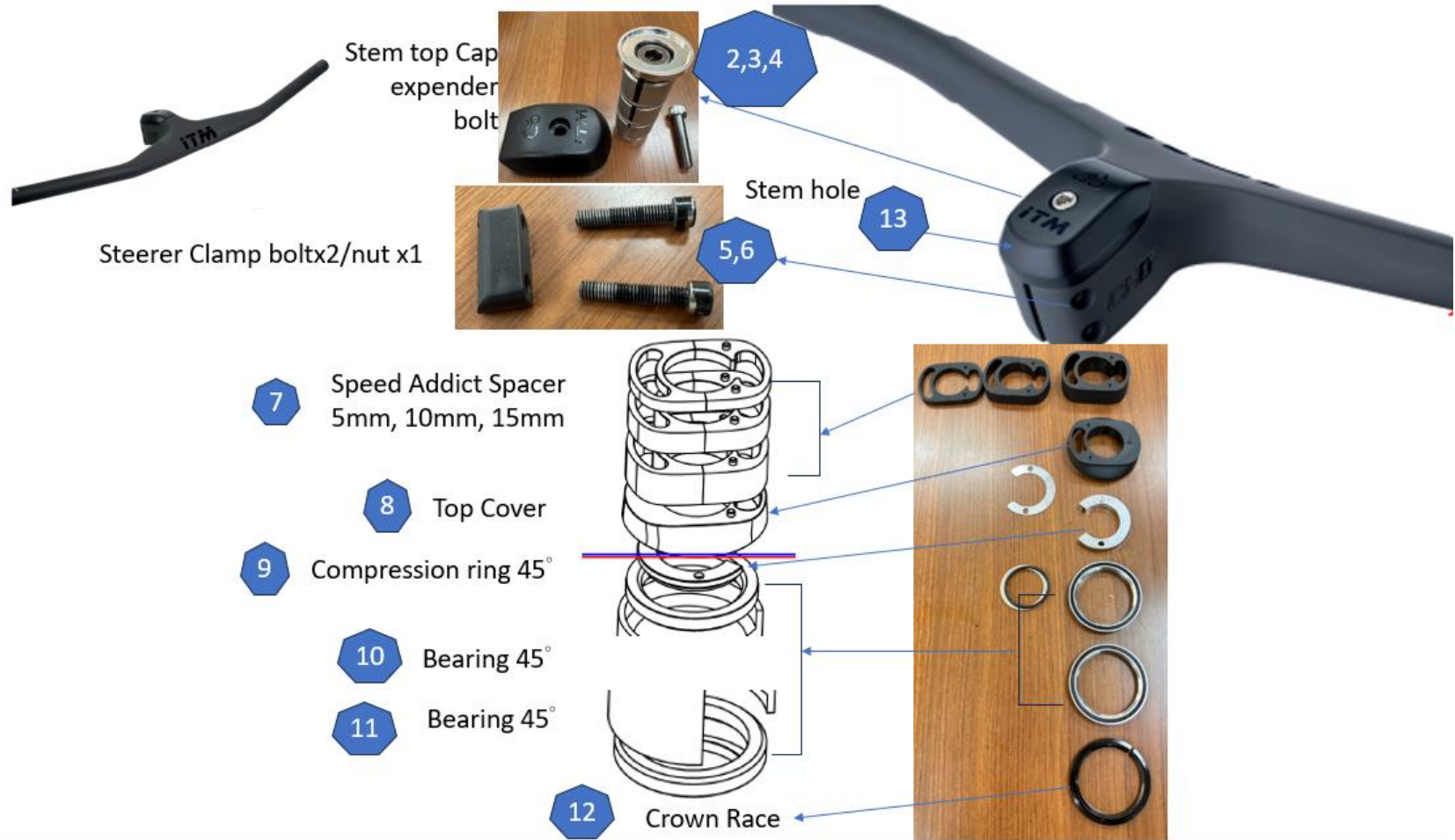
Computer mount (for CH1R) optional not included

1. Remove 2xM5 screws
2. Consult to the instruction from computer mount supplier you selected and adjust to right position
3. Install 2xM5 screw carefully torque



If your choice is (MTB integrated)

CH1M



If you use a fork with a carbon fibre steerer, to cut it, use the special anti-crushing devices (to insert **inside** the steerer) that can be found on **the** market or provided with the fork itself or a ITM expander. Insure no burrs at steerer. We recommend the expander must have an appropriate length, well longer than the stem clamping area.

Sand the stem hole 13 with fine-grain and then clean carefully using methylated spirit.

Clean and degrease the fork steerer carefully using methylated spirit.

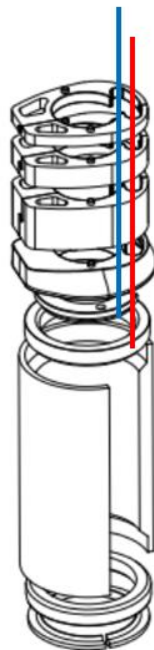
We recommend to pre-adjust cable routing before final tightening and before headset pre-loaded. Assemble and pre-adjust expander.

Centre the integrated HB so that it is coaxial with the bicycle centreline.

NEVER CUT THE ENDS/EXTRIMATYS OF THE HANDLEBAR MORE THAN THE LINES/SIZES



CABLE INSTALLATION:



Cleaning maintenance

Periodically wash the component thoroughly using detergents available on the market that do not contain abrasives or solvents.

If you have to remove the bolts, we recommend greasing the threaded section with neutral grease before putting them back. If they are dirty, you must wash them using a grease removal product before greasing them.

Do not use bolts different from those provided.

Nm = Newton metre (bolt tightness torque unit of measurement) ITM reserves the right to make improvements and changes without notice.

Warranty limits

The final decision to repair or substitute the defective items covered by warranty is on discretion of ITM. It is the user's responsibility to check periodically the product to determine whether it is necessary to contact ITM service center.

Claim under this warranty must be made through an authorised ITM dealer. **Together with the warranty card, a proof of purchase is required**

Not covered by warranty

- Products modified, not correctly used.
- Products not correctly assembled or repaired.
- Products damaged by the use of other materials or assembled by unskilled personnel.
- Products used in competitions, on acrobatic races or during exhibitions.
- Aesthetical finishes.

请注意!

请仔细阅读以下正确使用 ITM 立管和车手把的操作方式 此操作手册及其更新版本, 将会放在 www.itm.it 的网页上可随时下载

骑乘自行车确实往往是非常危险的, 尽管 ITM 的立管和车手把已经使用尖端科技和材料来设计制造, 但许多道路状况不佳、骑乘者在撞击时的速度、恶劣的气候条件、骑乘者的体重以及他们的转向技巧, 这些只是可能导致超出组件承受能力的情况的部分因素。任何一体车把, 包括 ITM 的, 都无法承受所有可能的冲击力。

请保留这份操作手册以及所有 ITM 提供的 随货文件, 因为这里面有涵盖重要的讯息。

ITM 保留修改使用手册的权力.任何修改都会被放到 ITM 网页内 (www.itm.it)以及/或者可以藉由联系 ITM 以及/或者被授权为 ITM 的销售商店取得,定期的查询这三方面的信息来源, 确保取得最新版本的使用手册。

注意小心阅读

小心检查自行车每一个零件,在出门前仔细注意一体车手把,检查是否有破损或损坏.如果有发现异状,请勿使用自行车并联系专业的自行车技师做所有必要的维修/更替。

请你的自行车技术人员定期检查 ITM 一体车手把,在经验上 ITM 发现这样的做法可以避免相当多意外的产生藉由预先请专业自行车技术人员检查自行车上的零件。

所给予的产品材料,在碰撞或摔落后需要检查是否产品仍当完整,如果已经明确的看到受损,请立刻更换。

ITM 拒绝负担因为没有实时的将已经损伤的零件做更换而导致受伤以及/或者损失。

ITM 拒绝负担因为没有小心遵从锁螺丝的指示而导致受伤以及/或者损失,因为一个螺丝锁紧的差异能够导致/影响 ITM 一体车手把的完整性。

技术性说明

- ITM 一体车手把是超轻量专业样式前叉束管
- 前叉束管用的车头碗组: $\varnothing 28.6\text{mm}$
- 欲了解更详细的规格,请查看您选择的每种一体车把类型
- 垫圈,依骑乘者的需求来调整车手把的高度,目前提供的高度依据不同型号 5-10-15 或者 20mm

组装零件

ITM 一体车把是高科技产品所以必须只能由自行车专门的技术人员使用专业的工具来组装。请勿企图自行组装 ITM 一体车手把。

如果你未遵照我们的建议,小心执行这些指示,请自行承受所有风险及危险的情况。

将螺丝锁紧到指示的扭力,需要使用扭力扳手

ITM 拒绝承担其意外状况是因为操作者没有遵守警告和操作说明所造成。

遵守指示的扭力值是非常重要的,因为不同的扭力值可能会造成不同零件不可挽回的损伤或者是拧到螺丝或者是零件本身,以及危及零件的完整性,

选择你的一体把选择你的一体把

如果你选择的是

ITM50CR

组装在前叉竖管



如果你的前叉竖管是碳纤维材质, 请使用特殊防止压碎的设备(放入前叉竖管内), 你可以在市场上找到或者附在所购买的前叉或者使用 ITM 的扩大器. 我们建议扩大器必须有足够的长度较立管挟持处更长

用细小颗粒的金刚沙磨竖管的孔 17 然后小心清洁的用酒精清洁

小心使用酒精来清洁和去除前叉竖管的油渍

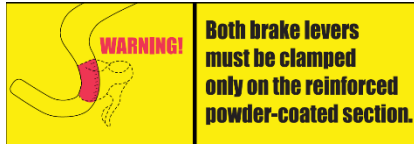
我们建议预先调整所有导线后再装碗组, 最终拧紧螺丝。组装并预调整扩大器。

将整合式车把置于中心位置, 使其与自行车中心线同轴。

安装导线

有关导线安装的具体说明，请咨询煞车和变速杆制造商。

两个煞车杆仅能夹在结构补强区，也是颗粒漆涂层的部分。



切勿改装线导孔！请勿扩大或使用与原厂交付零件不同形状的零件。

所有车头碗组的组装必须由专业熟练的技术人员完成。

必须保持位置和尺寸，以确保车把正确组装。

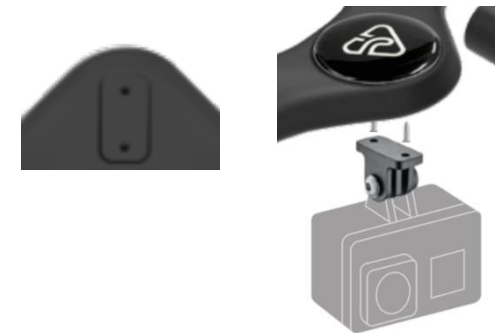
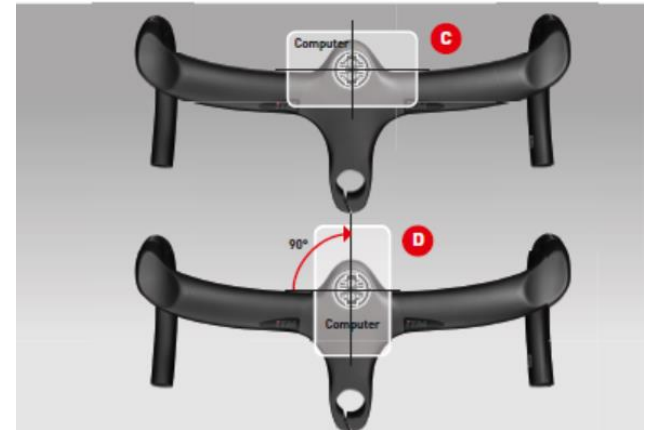
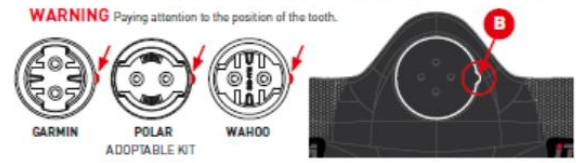
码表转接座 / Go Pro: (用于 ITM50CR)

码表转接座安装说明

1. 取出 ITM 塞子(A) (用手拉出)
2. 选择你的码表. 置入码表相对应的塑料转接座
(看图并安装塑料座, 注意凸齿的位置. 请见红圈) (B)
3. 安装上去, 但请不要完全锁紧 2xM3x6mm 的平头螺丝
4. 小心将 2xM3x6mm 螺丝锁紧, 最大扭力值为 0.8M-m
5. 对齐码表背面的安装钮跟自行车车把上的安装凹槽 (C)
6. 轻轻压下并将码表以顺时针的方向旋转到锁紧的位置 (D)

更换不同的码表

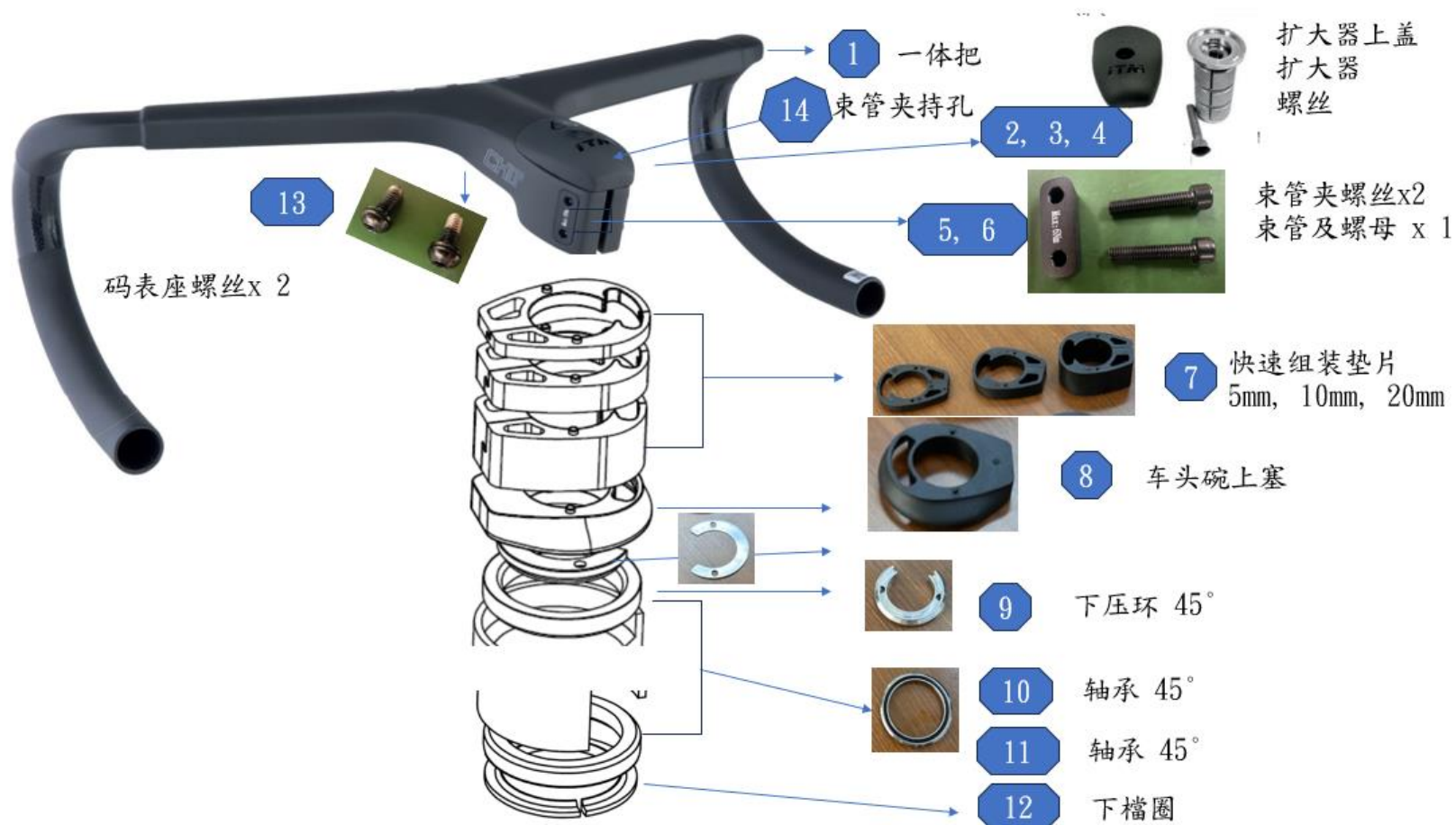
7. 将码表依逆时针方向松开
8. 将码表从凹槽内取出
9. 移除 2xM3x6mm 平头螺丝跟转接座. 然后重复上述步骤



如果你选择的是

CH1R

组装在前叉竖管



如果你的前叉竖管是碳纤维材质, 请使用特殊防止挤压装置(放入前叉竖管内), 你可以在市场上找到或者附在所购买的前叉或者使用 ITM 的扩大器. 我们建议扩大器必须有足够的长度较立管挟持处更长

用细小颗粒的砂纸打磨立管孔 14 然后用酒精仔细清洁

小心使用酒精来清洁和去除前叉竖管的油渍

我们建议预先调整所有导线后再装碗组, 最终拧紧螺丝。组装并预调整扩大器。

将一体车把置于中心位置, 使其与自行车中心线同轴。

如果你选择的是

CH1G

组装在前叉竖管



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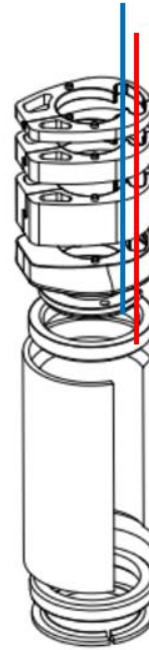
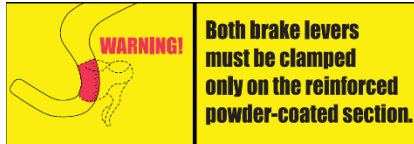
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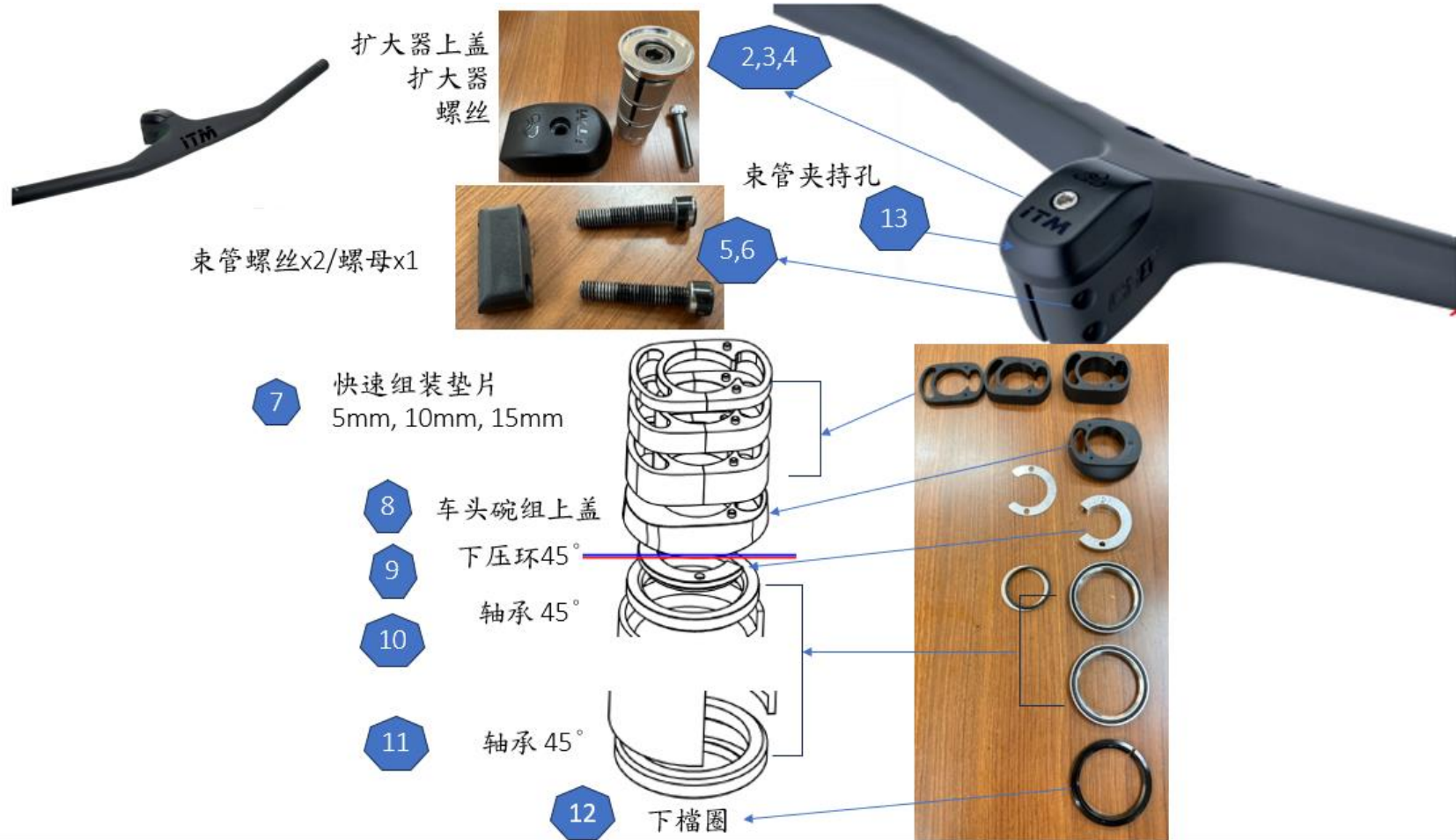
必须保持位置和尺寸，以确保车把正确组装。

码表座(用于 CH1R) 选用, 不含在产品内

1. 移开 2 颗 M5 螺丝
2. 参考您选择的码表支架供货商的说明，调整到正确的位置
3. 小心用扭矩组装 2 颗 M5 螺丝

如果你选择是(登山车一体把)

CH1M



如果你的前叉竖管是碳纤维材质, 请使用特殊防止挤压装置(放入前叉竖管内), 你可以在市场上找到或者附在所购买的前叉或者使用 ITM 的扩大器. 我们建议扩大器必须有足够的长度较立管挟持处更长

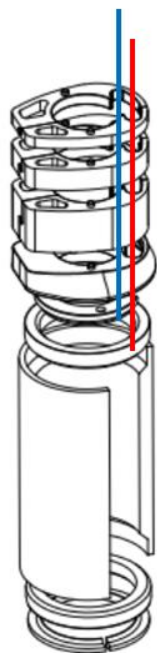
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切勿将车把的末端/边缘切割得超过线/尺寸



安装导线

清洁保养

定期使用市售不含研磨剂或溶剂的清洁剂彻底清洗组件。

如果必须拆卸螺丝，建议先用中性油脂润滑螺纹部分，然后再装回。如果螺丝脏了，必须先用除油产品清洗，然后再涂抹油脂。请勿使用与产品提供的螺丝不同的螺丝。

Nm = 牛顿·米（螺栓锁紧扭力的计量单位）。ITM 保留改进和变更的权利，恕不另行通知。

保固范围

ITM 保留最终决定权，有权维修或更换保固范围内的瑕疵产品。

用户有责任定期检查产品，以确定是否需要联络 ITM 服务中心。

根据本保固条款提出索赔，必须透过授权的 ITM 经销商进行。除保固卡外，还需提供购买凭证。

以下情况不在保固范围内：

- 改装或不当使用的产品。
- 未正确组装或维修的产品。
- 使用其他材料或非专业人员组装而损坏的产品。
- 用于比赛、杂技比赛或展览的产品。
- 外观表面缺陷。



Bike Machinery Trading Co.Ltd 4F-2, No 497, Zhongming S. Rd. West district, Taichung, Taiwan

ITM Bike Consultancy Srl via Roma 133 D/G, 24064 Grumello del Monte (BG) - Italy

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