

BATRAZZI

Tracks for FCX24 and FCX18

Assembly Instructions

Background

In 1901, the American company Lombard invented the first practical caterpillar tracks. In 1904, California engineer Holt applied Lombard's invention to design and manufacture the No. 77 crawler steam tractor. After the tractor was equipped with the crawler system, the ground area was increased, the unit pressure was reduced, and the mobility was greatly improved, completely saving the traditional vehicle from the mud. If you added artillery or machine guns to the crawler tractor, it would be invincible! Ten years later, after intensive research on track systems, weapons and simple armor, the first tank, named the "Little Nomad", was born into the world and became invincible in "trench warfare". Sir Ernest Dunlop Winston is known as the father of the tank! After the baptism of the two world wars, the tank with heavy armor and big guns began to constantly evolve, two tracks endlessly rolled throughout Eurasia. In the civil field, all kinds of engineering vehicles and mining machinery also favored the track crawler mechanism, in all kinds of terrain, tracks are synonymous with the road. Civilian vehicles have a long history of installing tracks to drive in snowy areas.

Product Info

Batrazzi's track module is characterized by small and compact appearance simulation and simple assembly. The inducer can adjust the tightness of the track to adapt to different road conditions. The swing roadwheel automatically fits the road surface and can be upgraded to the roadwheel with rubber bearings.

After the track is installed, the unit pressure is reduced, and the off-road vehicle can pass through the snow and other soft roads. Even when driving slowly on a flat surface, the track system's unique mechanical beauty is intoxicating!

- Crawler module, finished product assembly;
- Link type, rather than rubber tracks;
- Track tightness can be adjusted through the induction;
- Durable nylon material

背景介绍

1901年美国入伦巴德发明了第一条实用型履带。1904年，加利福尼亚工程师霍尔特应用伦巴德的发明，设计制造了“77”型履带式蒸汽拖拉，加装履带系统之后的拖拉机，接地面积增大，单位压力降低，通过性大大提升，彻底把传统农业从泥泞中拯救出来。如果再在履带式拖拉机上加上火炮或者机枪，那不就无敌了吗！十年后，经过对履带系统的潜心研究，加武器和简单的装甲后，世界上第一辆坦克“小游民”诞生，在“堑壕战”中所向披靡。欧内斯特·邓禄普·温斯顿爵士以坦克之父闻名于世！经过两次大战的洗礼，身披重甲巨炮的坦克不断进化，两条履带在欧亚大陆反复碾压，履带无所不往。在民用领域，各类工程车辆、矿山机械也都青睐履带式行走机构，在山峦丘陵，水网湖泽间，履带就是路的代名词。

民用车辆加装履带在积雪地带行走的历史由来已久，在遥控模型上加装履带的品牌不胜枚举，Batrazzi这款履带模组的特点是小型和紧凑，外观仿真，组装简单。诱导轮可调节履带松紧以适应不同路况，摇摆式负重轮自动贴合路面，可升级为包胶轴承负重轮。采用窄节距履带，方便调节履带松紧，两组串联更可扩展为加长履带模组，适用于6×6车辆。加装履带后，单位压强降低，越野车可通行于雪地等松软路面，即使是在平坦的桌面缓慢行驶，履带系统独特的机械美观，也令人陶醉！

- 履带模组，组装完成品；
- 采用链接式，而非橡胶履带；
- 履带松紧可通过诱导轮调节；
- 尼龙材质履带经久耐用；



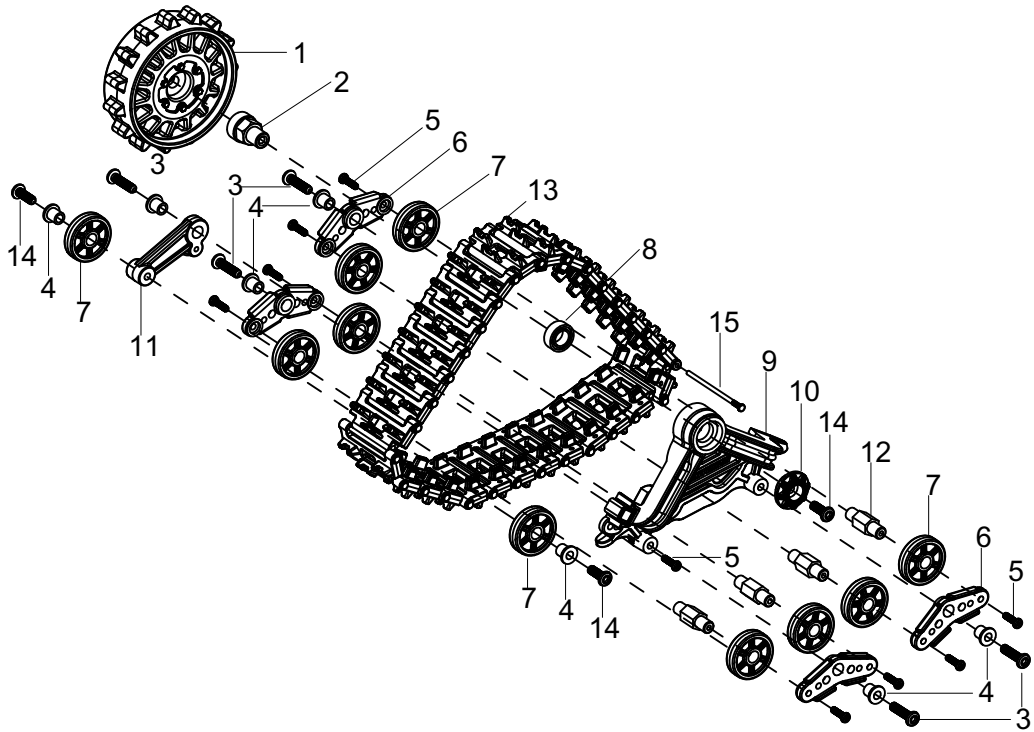
Attention please!!!

1. When using the tracks on the FCX24 chassis, it is recommended to use it with a 32T BTZ 12,000 rpm motor. Since the running resistance of the track module is greater than that of the wheels, greater torque is required during use, and the motor may heat up or even burn out. Due to this situation, it is recommended to use a motor with greater torque, and use it with a heat sink for better results.
2. It is not recommended to run the vehicle in high-speed gear mode for a long time. Recommended single use time in low gear is 20-40 minutes.
3. These tracks are made for FCX24 and FCX18 RC cars. Batrazzi is not responsible for any adverse consequences if used on other products.
4. Batrazzi is not responsible for motor burnout or any other adverse consequences of improper use.
5. If any foreign matter is found stuck on the track, please remove it immediately so as not to cause damage to the RC car.

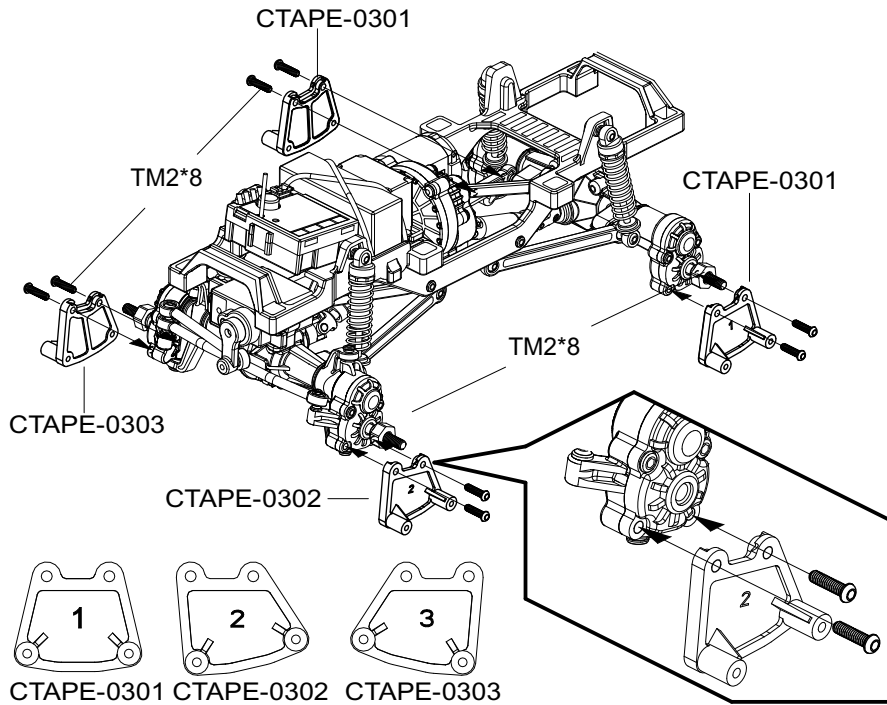


必看（注意事项）：

1. 如在FCX24底盘上使用履带，推荐搭配使用32T BTZ 12000rpm电机。由于履带模组运行阻力比车轮大，需要更大扭力，原装电机有发热甚至烧毁的风险，因此推荐使用扭力更大的电机并配搭散热片。
2. 不建议长时间在高速档模式下运行，低速档单次使用时间以20-40分钟为宜。
3. 此款产品设计主要针对FMS FCX24和FCX18 系列底盘的遥控车。如果在其他产品上使用，Batrazzi不对可能产生的任何不良后果负责。
4. 我们不对因不当使用产生的电机烧毁或其它任何不良后果负责。
5. 如发现异物卡在履带上，请及时清理。以免对遥控车造成损坏。



1	CTAPE-0101	DRIVING GEAR	驱动轮
2	MET-G1484	CONNECTOR PIN	连接螺栓
3	SRW-G0213	HEXAGON BUCKET SCREW TM2*8 BLACK STAINLESS STEEL	TM 2x8 内六角头
4	MET-G1605	T-BUSHING	T套
5	SRW-G0185	CROSS HEAD SCREW PM1.4*5 BLACK STAINLESS STEEL	PM 1.4 X 5 十字头螺丝
6	CTAPE-0401	DRIVEN WHEEL BRACKET	从动轮支架
7	CTAPE-0404	DRIVEN WHEEL	从动轮
8	MET-G0874	BALL BEARING 4*7*2.5mm	轴承 4 x 7 x 2.5mm
9	CTAPE-0103	TRACK BRACKET	左支架
10	CTAPE-0403	TABLETING COVER	压盖
11	CTAPE-0402	ADJUSTMENT BRACKET	调节轮支架
12	MET-G1485	WHEEL SHAFT	轮轴
13	CTAPE-0201	CHAIN BELT PARTS	连接节
14	SRW-G0137	HEXAGON BUCKET SCREW TM2*6 BLACK STAINLESS STEEL	TM 2x6 内六角头 黑色
15	MET-G1486	CHAIN BELT PIN	轴针
	CTAPE-0301	CONNECTING MOUNT(1)	连接座 (1)
	CTAPE-0302	CONNECTING MOUNT(2)	连接座 (2)
	CTAPE-0303	CONNECTING MOUNT(3)	连接座 (3)

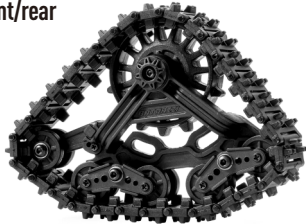


FCX24/FCX18 Kits FCX24/FCX18 配件包:

Right front/rear
右
前/后



Left front/rear
左
前/后



Heat Sink
散热片



MET-G1605

SRW-G0213
TM2X8



Rear wheel connecting mount
(CTAPE-0301)
后轮连接座



Left front wheel connecting mount
(CTAPE-0302)
左前轮连接座



Right front wheel connecting mount
(CTAPE-0303) 右前轮连接座



TIP: Use threadlock on screws to ensure screws stay tight. 在螺丝上涂螺纹胶, 以确保螺丝拧紧。

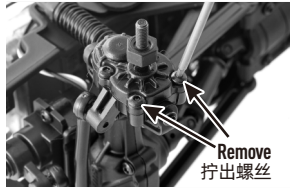
Installation steps 安装步骤

- 1** Remove the original wheels
拆卸原装轮胎



the chassis shown is the FMS FCX24
图例底盘为FMS的FCX24系列底盘

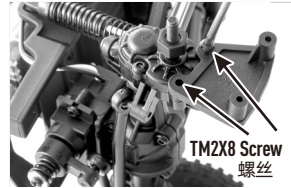
- 2** Install the chain belt seat 安装连接座



Remove
拧出螺丝

1. First, remove the two bottom screws of the portal cover (with a 1.5mm inner hexagon screwdriver).

1. 拧出桥盖下方的2颗螺丝
(使用1.5mm内六角螺丝刀)



TM2X8 Screw
螺丝

2. Then, install Connecting mount CTAPE-0301/CTAPE-0302/CTAPE-0303 on the 4 portal covers respectively according to the figure.

2. 然后, 把CTAPE-0301/CTAPE-0302/CTAPE-0303连接座分别安装到4个桥盖上

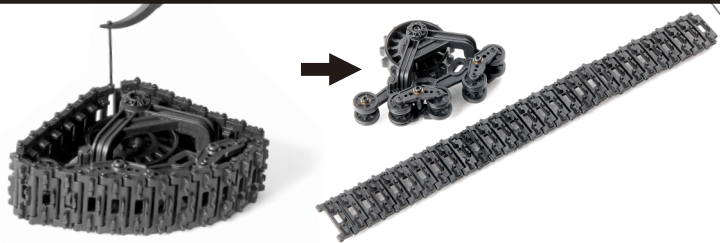
- 3** The tracks come completely assembled and will need to be disassembled before they can be installed on your RC car.
出货状态是整套组装好, 需要拆开再分步骤安装到车上

Note: In the next step, you can choose Method 1 or Method 2 according to your personal preference.
注意: 接下来的步骤可根据个人习惯选择拆卸方法1或者方法2

Track Removal Method 1: By removing chain belt pin 履带拆卸方法1: 抽出任意一根轴

First, check that the track is in completely assembled condition. Then, push out any chain belt pin with a pair of tweezers or a needle (1mm head) to remove the track.

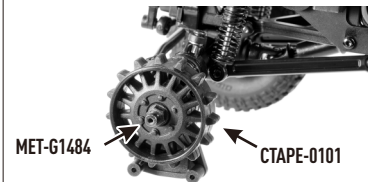
首先, 用镊子或者针状工具(不大于1mm头)推出任意一根轴, 得到平铺的履带



- 4-1** Unscrew the TM 2x6 screws (SRW-G0137) with a 1.5mm inner hexagon screwdriver. Remove the driving gear (CTAPE-0101), and keep the track bracket and gear assembly. 用1.5mm内六角螺丝刀拧出螺丝, 拆下驱动轮(CTAPE-0101), 保留负重轮总成

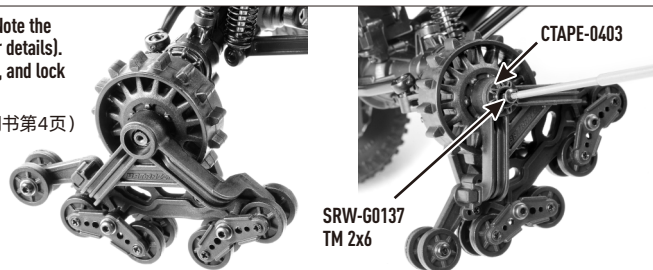


- 5-1** Put on the driving gear (CTAPE-0101) and lock it with a connector pin (MET-G1484) 套上驱动轮(CTAPE-0101)并用连接螺栓(MET-G1484)锁紧



- 6-1** Put on the Track Bracket and Gear assembly (Note the direction: refer to the instructions in page 4 for details). Then install the Tableting Cover (CTAPE-0403), and lock it in place with 2x6 screws.

套上负重轮总成(注意方向: 详细参考说明书第4页)再安装上压盖(CTAPE-0403), 并用2x6内六角螺丝锁上。

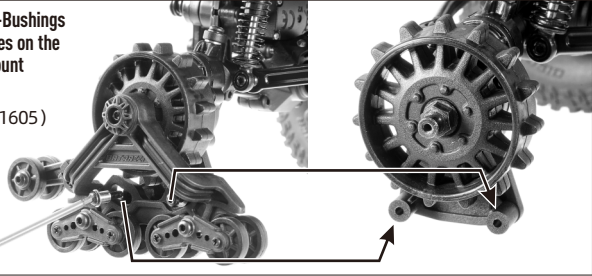


SRW-G0137
TM 2x6

CTAPE-0403

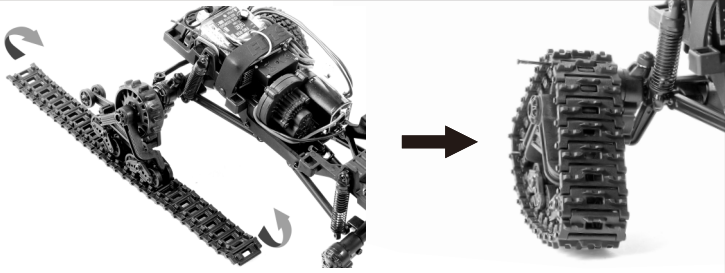
- 7-1** As shown in the picture, use 2 TM2x8 screws (put on T-Bushings (MET-G1605) respectively, then pass through the 2 holes on the load assembly, and screw them into the connecting mount (Note: avoid over-tightening)

如图，使用2颗TM2x8螺丝（分别套上T套MET-G1605）穿过负重总成上的2个孔，拧进连接座（注意：此处螺丝不需拧得过紧）。



- 8-1** Put the track back on as shown in the picture, and insert the Chain Belt Pin at the connection. Note the direction of the tracks. (Head of pivot facing outward)

如图把履带重新套好，连接处插回轴针，注意履带的方向（轴针大头在外）



Track Removal Method 2: By removing the adjusting bracket screw 履带拆卸方法2: 通过拆卸调节轮支架螺丝

1. Unscrew the adjusting bracket screw (PM1.4X5 cross screw)

1. 拧出调节轮支架上的螺丝（PM1.4X5 十字螺丝）

2. Push the adjustment bracket upward to make enough space inside the track, and then peel off the entire track directly by hand.

2. 将调节轮支架向上推，使轨道内部留有足够空间，然后直接用手将整条轨道剥离

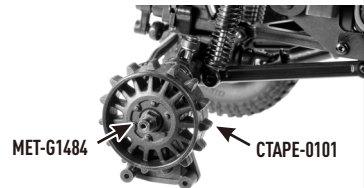


- 4-2** Unscrew the TM 2x6 screws (SRW-G0137) with a 1.5mm inner hexagon screwdriver. Remove the driving gear (CTAPE-0101), and keep the track bracket and gear assembly. 用1.5mm内六角螺丝刀拧出螺丝，拆下驱动轮 (CTAPE-0101)，保留负重轮总成



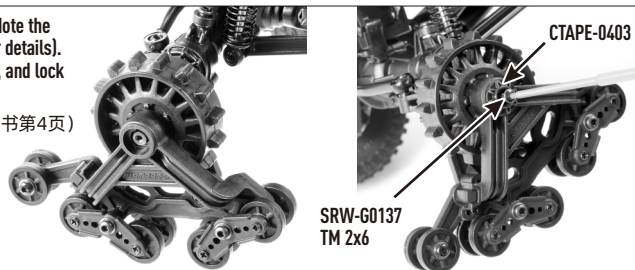
- 5-2** Put on the driving gear (CTAPE-0101) and lock it with a connector pin (MET-G1484)

套上驱动轮 (CTAPE-0101) 并用连接螺栓 (MET-G1484) 锁紧



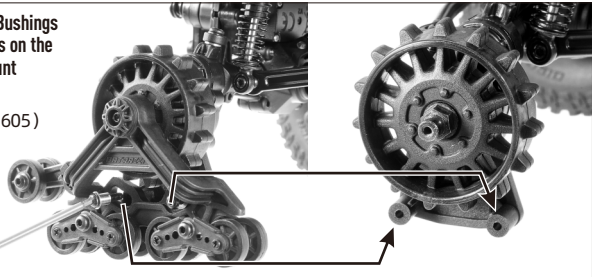
- 6-2** Put on the Track Bracket and Gear assembly (Note the direction: refer to the instructions on page 4 for details). Then install the Tableting Cover (CTAPE-0403), and lock it in place with 2x6 screws.

套上负重轮总成（注意方向：详细参考说明书第4页）再安装上压盖 (CTAPE-0403)，并用2x6内六角螺丝锁上。



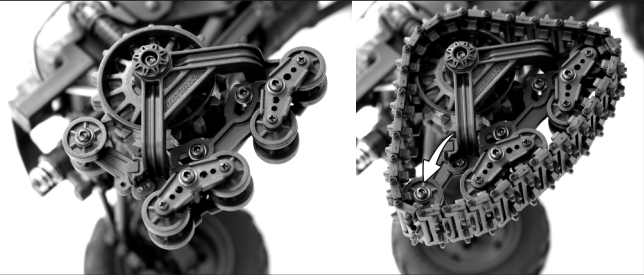
7-2 As shown in the picture, use 2 TM2x8 screws (put on T-Bushings (MET-G1605) respectively, then pass through the 2 holes on the load assembly, and screw them into the connecting mount (Note: avoid over-tightening)

如图，使用2颗TM2x8螺丝（分别套上T套MET-G1605）穿过负重总成上的2个孔，拧进连接座（注意：此处螺丝不需拧得过紧）。



8-2 Put the track back on and push the adjustment bracket down finally lock the screws.

将轨道套回原处，将调节支架向下推，最后锁紧螺丝。



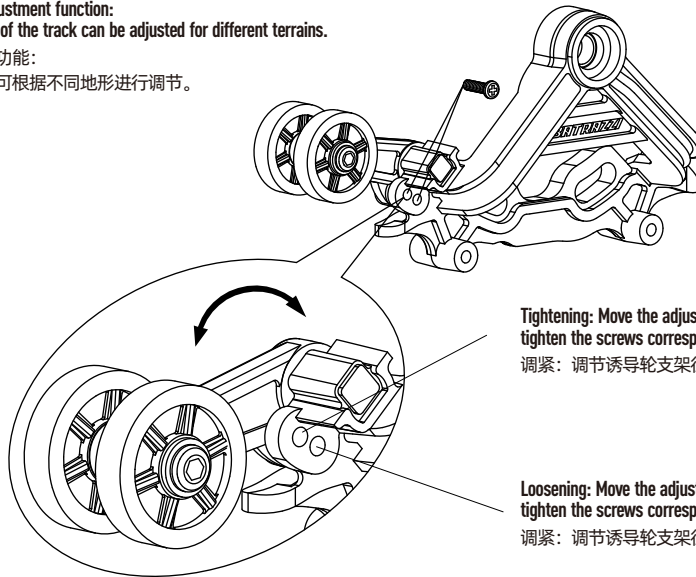
Track tightness adjustment 履带松紧度调节

Tips: When the track is used for a long time, it may wear out, causing the track to become loose. At this time, you can adjust the tightness of the track so that the track can maintain normal operation.

小贴士：当轨道长时间使用时，它可能会磨损，导致轨道变得松散。此时，可以调整轨道的松紧度，使轨道保持正常运行。

Tightness adjustment function:
the tightness of the track can be adjusted for different terrains.

松紧度调节功能：
轨道松紧度可根据不同地形进行调节。



Tightening: Move the adjustment bracket upwards and tighten the screws corresponding to this hole.

调紧：调节诱导轮支架往上，对应此孔打紧螺丝

Loosening: Move the adjustment bracket downwards and tighten the screws corresponding to this hole.

调松：调节诱导轮支架往下，对应此孔打紧螺丝