

FCX18 II “TROUBLESHOOTING GUIDE”

FCX18 II 《故障排除指南》

TROUBLESHOOTING

故障排除

PROBLEM 故障问题	POSSIBLE CAUSES 故障可能的原因	SOLUTION 解决方案
Vehicle does not move 模型车无法移动	The transmitter's battery may not be installed correctly. 发射机的电池可能安装不正确	Make sure the battery's positive and negative terminals are installed correctly. Please refer to the "Preparation Before Use—Transmitter Battery Installation" section for instructions. 确保电池正负极安装正确，请参考使用前准备-发射机的电池安装指引。
	The transmitter's battery is low. 发射机的电池电量不足	Replace the transmitter's battery with a new one that has sufficient charge (with a voltage of at least 1.5V per cell). 更换发射机为电量充足的新电池（单个电池电压1.5V以上）。
	The model car's battery is low on power; the voltage is below 6.2V, and the low-voltage protection mechanism has been triggered. 模型车的电池电量不足，电压低于6.2V，电压低启动了低压保护装置	Fully charge the vehicle's battery and replace any batteries that are low on power. 更换模型车为充满电的电池，请参考功能说明-保护功能说明。
	The transmitter is not bound with the vehicle. 发射机与模型车对码未成功	Rebind the transmitter to the vehicle and ensure the binding is successful. Please refer to the operating instructions—binding instructions. 发射机与模型车重新对码，确保对码后连接上，请参考操作指引-对码说明。
	The vehicle's power switch is not set to the "ON" position. 模型车开关未拨至“ON”档	Set the vehicle's power switch to the "ON" position, unplug and then reinsert the battery connector, and make sure the ESC indicator light comes on. Please refer to the Operating Instructions—Power-On Instructions. 将模型车电源开关拨至“ON”档，重新插拔电池插头，确保电调指示灯亮起，请参考操作指引-开机说明。
	If the wrong battery is used in the vehicle, and the battery voltage is too high—greater than 9.0V—the overvoltage protection circuit on the ESC will be triggered, resulting in no output on CH2 motor channel. 模型车用错了电池，如果车辆的电池电压偏高，大于9.0V，电压过高致启动了电调过压保护装置，CH2马达通道无输出	Use a 2S, 7.4V lithium-ion battery of the same specifications, please refer to the Feature Description—Protection Features. 用同规格的2S型，7.4V的锂电池，请参考功能说明-保护功能说明。
	The motor temperature is too high. If it exceeds 110°C, the excessive temperature triggers the ESC's overheat protection, resulting in no output from CH2 motor channel. 模型车电机温度过高，如果超过110°C，温度过高致启动了电调过热保护装置，CH2马达通道无输出	Stop driving immediately and wait for the motor and ESC to cool down before continuing. Please refer to the Function Guide—Protection Features. 应马上停止使用，待电机与电调冷却后再继续，避免长时间高负荷运转，请参考功能说明-保护功能说明。
	It's in neutral. 挂到空档了	If Channel CH3 is set to the middle position (neutral), shift to either low or high gear to operate. 如CH3通道拨至中间位置为空档，需转到低速档或者高速档操作。

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Vehicle does not move 模型车无法移动	The wire is worn or broken. 电线磨损或断裂	Replace the power cables for any damaged motors, switches, ESCs, and steering servos, and ensure that the power cables are properly connected. 更换损坏的电机、开关、电调、转向舵机的电源线，确保电源线连接正常。
	The TH.TRIM knob on the transmitter is not set to the middle position. 发射机的TH.TRIM旋钮未调到中间位置	Before binding the vehicle with the transmitter, make sure the transmitter's TH.TRIM knob is set to the middle position, then turn the transmitter back on to complete the binding. 模型车与发射机对码连接前，确保发射机的TH.TRIM旋钮调到中间位置，再重新开机对码。
	The transmitter has entered sleep mode. 发射机已进入了休眠模式	Restart the transmitter to exit sleep mode. 重新启动发射机，才能退出休眠模式。
Vehicle's front wheels vibrate 模型车前轮抖动	If the transmitter's G.LED indicator is flashing slowly, it indicates that the battery is low and needs to be replaced. 发射机的指示灯G.LED是慢闪，表示电量低，需更换电池	Replace the transmitter's battery with a new one that has sufficient charge (with a voltage of at least 1.5V per cell). 更换发射机为电量充足的新电池（单个电池电压1.5V以上）。
High gear turn to neutral gear, the mode does not match the operation 高速档切换至空档模式时，模式与操作不匹配	When shifting from a high gear to neutral, the clutch teeth do not return to their original position due to inertia, making it impossible to engage neutral. 高速档转至空档时，由于惯性，离合齿未复位，挂不到空档	When shifting from a high gear to neutral, first shift to a lower gear, and then shift to neutral. 高速档切换至空档时，先从高速档切换至低速档，然后再切换至空档。
Vehicle responds slowly and transmitter are delayed 模型车响应迟钝，发射机操作延迟	Low battery power in the transmitter can cause unstable signal transmission. 发射机电池电量易导致信号传输不稳定	Replace the transmitter's battery with a new one that has sufficient charge (with a voltage of at least 1.5V per cell). 更换发射机为电量充足的新电池（单个电池电压1.5V以上）。
	The motor or servo is clogged with dust or dirt, causing it to malfunction. 电机或舵机被灰尘、泥土堵塞，运转受阻	Clean dust and dirt from the surfaces of the motor and servo; use a brush or air blower to clean out the crevices to ensure smooth operation. 清理电机、舵机表面的灰尘、泥土，用毛刷或气吹清理缝隙，确保运转顺畅。
	The wires for the motor, servo, ESC, and receiver have come loose. 电机、舵机、电调、接收机的电线松脱了	Check to make sure the wires for the motor, servo, ESC, and receiver are properly connected and powered. 检查确保电机、舵机、电调、接收机的电线是通电连接的。
	The model car and transmitter are experiencing signal interference or are too far apart. 模型车与发射机受到信号干扰或者距离太远	Avoid signal obstructions and sources of interference, and ensure that the transmitter and the model car remain within the effective operating range. 避开信号遮挡物和干扰源，保持发射机与模型车在有效距离内操作。
	Loose or jammed servo links or motor gears. 舵机连杆、电机齿轮松动或阻卡	Tighten the servo linkage screws and motor gear screws, adjust the linkage length, and ensure there is no binding. 拧紧舵机连杆螺丝、电机齿轮螺丝，调整连杆长度，确保无卡顿。
Vehicle only moves forward or backward and does not turn 模型车只能前进/后退，无法转向	The transmitter's steering angle is set too small. 发射机的转向角度设置偏小	To reset the steering angle, please refer to the "System Functions—Steering Angle Adjustment" guide. 重新设置转向角度，请参考系统功能-舵量调节指引。
	The knob for the transmitter's steering channel; the steering wheel is stuck. 发射机转向通道的旋钮，方向手轮被卡住	Check the knobs and control wheels on the transmitter's steering channel, remove any foreign objects, and ensure smooth operation. 检查发射机转向通道的旋钮、方向手轮，清理异物，确保操作顺畅。

PROBLEM 故障问题	POSSIBLE CAUSES 故障可能的原因	SOLUTION 解决方案
Vehicle only moves forward or backward and does not turn 模型车只能前进/后退，无法转向	The steering servo power cable is not properly connected. 转向舵机电源线未连接好	Reconnect the steering servo wires, ensuring that the connections are secure and free of loose or faulty connections. 重新插拔转向舵机的接线，确保接线牢固，无脱落、虚接。
Vehicle moves forward or backward without any input 发射机无操作情况下，模型车前进或者后退	The TH.TRIM throttle trim knob on the transmitter is not set correctly. 发射机的油门中位旋钮TH.TRIM未设置好	Reset the throttle trim knob (TH.TRIM) to the center position or an appropriate position. Please refer to the System Functions—Trims adjustment guide. 重新设置油门中位旋钮TH.TRIM，调到中间位置或者适当的位置，请参考系统功能-微调指引。
Vehicle lacks power 模型车动力不足，加速无力，跑不快	The vehicle's lithium-ion battery is low on power. 模型车锂电池电量不足	Fully charge the vehicle's lithium-ion battery. 给车辆锂电池充满电。
	The vehicle's lithium-ion battery has aged or is defective. 模型车锂电池老化或坏了	Replace the battery. 更换新电池。
	Dirt or debris is lodged in the gap between the tire and axle. 轮胎或轮胎与轮轴之间的间隙被泥土、杂物卡住	Remove any debris from the tire or from the space between the tire and the axle. 清理轮胎上或轮胎与轮轴之间的间隙的杂物。
	Motor gears and drive gears show signs of wear, are jammed by debris, or have foreign objects lodged between them. 电机齿轮、传动齿轮有磨损、有杂物卡滞，或齿轮间有异物	Remove any foreign objects from between the gears and replace any severely worn gears. 清理齿轮间的异物，更换磨损严重的齿轮。
	The ESC is broken. 电调坏了	Replace it with a new ESC of the same specifications and model. 更换新的同规格型号的电调。
Vehicle does not drive in a straight line 模型车不能直线行驶	The transmitter's ST.TRIM fine-tuning knob is not set to the correct position. 发射机的转向微调旋钮ST.TRIM未调至适当位置	Set the transmitter's steering trim knob (ST.TRIM) to the center position and recalibrate the steering neutral point. 将发射机的转向微调旋钮ST.TRIM 调至中间位置，重新校准转向中立点。
	The steering servo's linkage is bent, deformed, or improperly adjusted. 转向舵机的连杆弯曲、变形，或连杆长度调整不当	Replace any bent or deformed servo linkages, adjust the linkage lengths, and ensure symmetrical steering. 更换弯曲、变形的舵机连杆，调整连杆长度，确保转向对称。
	Loose or worn steering knuckles and steering arms cause the steering to feel stiff. 转向杯、转向臂松动、磨损，导致转向卡顿	Tighten the steering knuckles and steering arm screws, and replace any severely worn parts. 拧紧转向杯、转向臂螺丝，更换磨损严重的零件。
	The steering servo is broken. 转向舵机损坏了	Replace the steering servo with a new one of the same specifications. 更换新的同等规格的转向舵机。
	Tire deformation has caused the left and right front tires to be different sizes. 轮胎变形致前左右轮胎的大小不一	If a deformed tire cannot be restored to its original shape, replace the tire assembly. 将变形的轮胎整形，无法回复原形更换轮胎组件。
Throttle Operation Reversed 油门操作反转	The TH.REV throttle reverse switch on the transmitter is set incorrectly. 发射机的油门反向开关TH.REV设置不当	Reset the transmitter's throttle reverse switch (TH.REV). 重新设置发射机的油门反向开关TH.REV。

PROBLEM 故障问题	POSSIBLE CAUSES 故障可能的原因	SOLUTION 解决方案
Throttle Operation Reversed 油门操作反转	The motor wires are connected incorrectly. 电机线连接不正确	Reconnect the motor wires that are connected incorrectly. 将极线连接不正确的电机线按正确连接好。
Steering Operation Reversed 转向操作反转	The ST.REV direction reversal switch on the transmitter is set incorrectly. 发射机的转向反向开关ST.REV设置不当	Reset the transmitter's steering reverse switch (ST.REV). 重新设置发射机的转向反向开关ST.REV。
	The motor wires are connected incorrectly. 电机线连接不正确	Check that the motor leads are connected to the correct terminals, including any replacement motor leads. 检查电机线的极线是否正确，包括更换的电机线。
Motor does not run normally and makes unusual noises 电机有异响，无法正常运转	The motor's connection wires have come loose. 电机接线松动	Reconnect the motor wires, verify that the positive and negative terminals are connected correctly, and check that the connections are secure. 重新插拔电机接线，确认正负极接正确，接线牢固。
	The motor is broken. 电机坏了	Replace with a new motor of the same specifications and model. 更换新的同规格型号的电机。
	The ESC is broken. 电调坏了	Replace it with a new ESC of the same specifications and model. 更换新的同规格型号的电调。
	The motor gear is worn down. 电机齿磨损	Replace the motor gear. 更换电机齿。
Brake Failure 刹车失灵，无法减速或停车	Low battery power in the transmitter can cause unstable signal transmission. 发射机电池电量低易导致信号传输不稳定	Replace the transmitter's battery with a new one that has sufficient charge (with a voltage of at least 1.5V per cell). 更换发射机为电量充足的新电池（单个电池电压1.5V以上）。
	The transmitter's ESC brake and drag brake settings are not configured correctly. 发射机的电调刹车拖刹设置未设置好	Access the ESC settings on the transmitter and increase the brake strength. Please refer to the "System Functions—ESC Parameter Settings" guide. 进入发射机的电调设置，调高刹车力度，请参考系统功能-电调参数设置指引。
	The ESC is broken. 电调坏了	Replace it with a new ESC of the same specifications and model. 更换新的同规格型号的电调。
Vehicle suddenly stalls or shuts down 模型车运行中突然熄火、关机	The model car's battery is low on power; the voltage is below 6.2V, and the low-voltage protection mechanism has been triggered. 模型车的电池电量不足，电压低于6.2V，电压低启动了低压保护装置	Fully charge the vehicle's battery and replace any batteries that are low on power. 给模型车的电池充满电，更换电量不足的电池。
	The battery connector is loose, and vibrations while driving cause a poor connection. 电池插头松动，行驶中震动导致接触不良	Reconnect the battery connector. If it is loose, replace the loose connector or secure it with a cable tie. 重新插拔电池插头，如果松动，更换松动的插头或者用扎带固定松动的插头。
	The motor and ESC overheated, triggering the overheat protection switch. 电机与电调过热，触发过热保护开关	Stop driving immediately and wait for the motor and ESC to cool down before continuing. 应马上停止使用，待电机、电调冷却后再继续，避免长时间高负荷运转。
	There is damage or a short circuit in the wiring, resulting in a power loss. 线路有破损、短路，导致断电	Repair the damaged wiring, replace the shorted components, and install new parts of the same model. 修复破损处的线路，更换短路的零件，更换新的同型号的配件。

PROBLEM 故障问题	POSSIBLE CAUSES 故障可能的原因	SOLUTION 解决方案
Turn signal does not flash when the vehicle turns 转向时转向灯 不闪亮	The turn signal switch is set to the "OFF" position. 转向灯开关设置为关的状态	To set the turn signal switch to the "ON" position, refer to the Function Guide—Lighting System Controls. 将转向灯开关设置为开的状态，请参考功能说明-车灯控制指引。
	The turn signal is broken. 转向灯坏了	Replace the turn signal. 更换转向灯。
	Damaged or broken turn signal wires. 转向灯电线损坏或断裂	Reconnect the wires from the damaged turn signal. 接驳好损坏的转向灯的电线。