

4TEC
DRIFT

MODEL 105237-4



M U S T A N G

TRAXXAS

QUICK START GUIDE



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FIRE HAZARD! Your model is able to use LiPo batteries. Charging and discharging batteries has the potential for fire, explosion, serious injury, and property damage if not performed per the instructions. Before use, read and follow all manufacturer's instructions, warnings, and precautions. In addition, Lithium Polymer (LiPo) batteries pose a SEVERE risk of fire if not properly handled per the instructions and require special care and handling procedures for long life and safe operation. LiPo batteries are intended only for advanced users that are educated on the risks associated with LiPo battery use. Traxxas does not recommend that anyone under the age of 18 use or handle LiPo battery packs without the supervision of a knowledgeable and responsible adult. Dispose of used batteries according to the instructions.

Important Warnings for users of Lithium Polymer (LiPo) batteries:

- Your model is able to use LiPo batteries. LiPo batteries have a minimum safe discharge voltage threshold that should not be exceeded. The electronic speed control is equipped with built-in Low-Voltage Detection that alerts the driver when LiPo batteries have reached their minimum voltage (discharge) threshold. It is the driver's responsibility to stop immediately to prevent the battery pack from being discharged below its safe minimum threshold.
- Low-Voltage Detection is just one part of a comprehensive plan for safe LiPo battery use. It is critical to follow all instructions for safe and proper charging, use, and storage of LiPo batteries. Make sure you understand how to use your LiPo batteries. If you have questions about LiPo battery usage, please consult with your local hobby dealer or contact the battery manufacturer. As a reminder, all batteries should be recycled at the end of their useful life.
- ONLY use a Traxxas iD charger to charge Traxxas iD batteries. ONLY use a Lithium Polymer (LiPo) balance charger with a balance adapter port to charge LiPo batteries. Never use NiMH or NiCad-type chargers or charge modes to charge LiPo batteries. DO NOT charge LiPo batteries with a NiMH-only charger. The use of a NiMH or NiCad charger or charge mode will damage LiPo batteries and may cause fire, personal injury, and/or property damage.
- NEVER charge LiPo battery packs in series or parallel. Charging packs in series or parallel may result in improper charger cell recognition and an improper charging rate that may lead to overcharging, cell imbalance, cell damage, and fire.
- ALWAYS inspect your LiPo batteries carefully before charging. Look for any loose leads or connectors, damaged wire insulation, damaged cell packaging, impact damage, fluid leaks, swelling (a sign of internal damage), cell deformity, missing labels, or any other damage or irregularity. If any of these conditions are observed, do not charge or use the battery pack. Follow the disposal instructions included with your battery to properly and safely dispose of the battery.
- DO NOT store or charge LiPo batteries with or around other batteries or battery packs of any type, including other LiPos.
- Store and transport your battery pack(s) in a cool dry place. DO NOT store in direct sunlight. DO NOT allow the storage temperature to exceed 140°F or 60°C, such as in the trunk of a car, or the cells may be damaged and create a fire risk.
- DO NOT disassemble LiPo batteries or cells.
- DO NOT attempt to build your own LiPo battery pack from loose cells.

WARNING! CAUTION! DANGER!



Charging and handling precautions for all battery types:

- BEFORE you charge, ALWAYS confirm that the charger settings exactly match the type (chemistry), specification, and configuration of the battery to be charged. DO NOT exceed the maximum manufacturer recommended charge rate.
- DO NOT attempt to charge batteries that have an internal charge circuit or a protection circuit, batteries that have been altered from original manufacturer configuration, or batteries that have missing or unreadable labels, preventing you from properly identifying the battery type and specifications.
- ALWAYS use a Traxxas iD charger to charge Traxxas iD batteries.
- DO NOT let any exposed battery contacts or wires touch each other. This will cause the battery to short circuit and create the risk of fire.
- While charging or discharging, place the battery (all types of batteries) in a fire retardant/fire proof container and on a non-flammable surface such as concrete.
- DO NOT charge batteries inside of an automobile. DO NOT charge batteries while driving in an automobile.
- NEVER charge batteries on wood, cloth, carpet, or on any other flammable material.
- ALWAYS charge batteries in a well-ventilated area.
- REMOVE flammable items and combustible materials from the charging area.
- DO NOT leave the charger and battery unattended while charging, discharging, or anytime the charger is ON with a battery connected. If there are any signs of a malfunction or in the event of an emergency, unplug the charger from the power source and disconnect the battery from the charger.
- DO NOT operate the charger in a cluttered space, or place objects on top of the charger or battery.
- If any battery or battery cell is damaged in any way, DO NOT charge, discharge, or use the battery.
- Keep a Class D fire extinguisher nearby in case of fire.
- DO NOT disassemble, crush, short circuit, or expose the batteries to flame or other source of ignition. Toxic materials could be released. If eye or skin contact occurs, flush with water.
- If a battery gets hot to the touch during the charging process (temperature greater than 110°F / 43°C), immediately disconnect the battery from the charger and discontinue charging.
- Allow the battery pack to cool off between runs (before charging).
- ALWAYS unplug the charger and disconnect the battery when not in use.
- ALWAYS unplug the battery from the electronic speed control when the model is not in use and when it is being stored or transported.
- DO NOT disassemble the charger.
- REMOVE the battery from your model or device before charging.
- DO NOT expose the charger to water or moisture.
- ALWAYS store battery packs safely out of the reach of children or pets. Children should always have adult supervision when charging and handling batteries.
- Nickel-Metal Hydride (NiMH) batteries must be recycled or disposed of properly.
- Always proceed with caution and use good common sense at all times.

All of us at Traxxas want you to safely enjoy your new model. Operate your model sensibly and with care, and it will be exciting, safe, and fun for you and those around you. Failure to operate your model in a safe and responsible manner may result in property damage and serious injury. The precautions and instructions provided or available for this product(s) should be strictly followed to help ensure safe operation. You alone must see that the instructions are followed and the precautions are adhered to.

Important Points to Remember

- Your model is not intended for use on public roads or congested areas where its operation can conflict with or disrupt pedestrian or vehicular traffic.
- Never, under any circumstances, operate the model in crowds of people. Your model is very fast and could cause injury if allowed to collide with anyone.
- Because your model is controlled by radio, it is subject to radio interference from many sources that are beyond your control. Since radio interference can cause momentary losses of radio control, always allow a safety margin in all directions around the model in order to prevent collisions.
- The motor, battery, and speed control can become hot during use. Be careful to avoid getting burned.
- Don't operate your model at night, or anytime your line of sight to the model may be obstructed or impaired in any way.

Speed Control

Your model's electronic speed control (ESC) is an extremely powerful electronic device capable of delivering high current. Please closely follow these precautions to prevent damage to the speed control or other components.

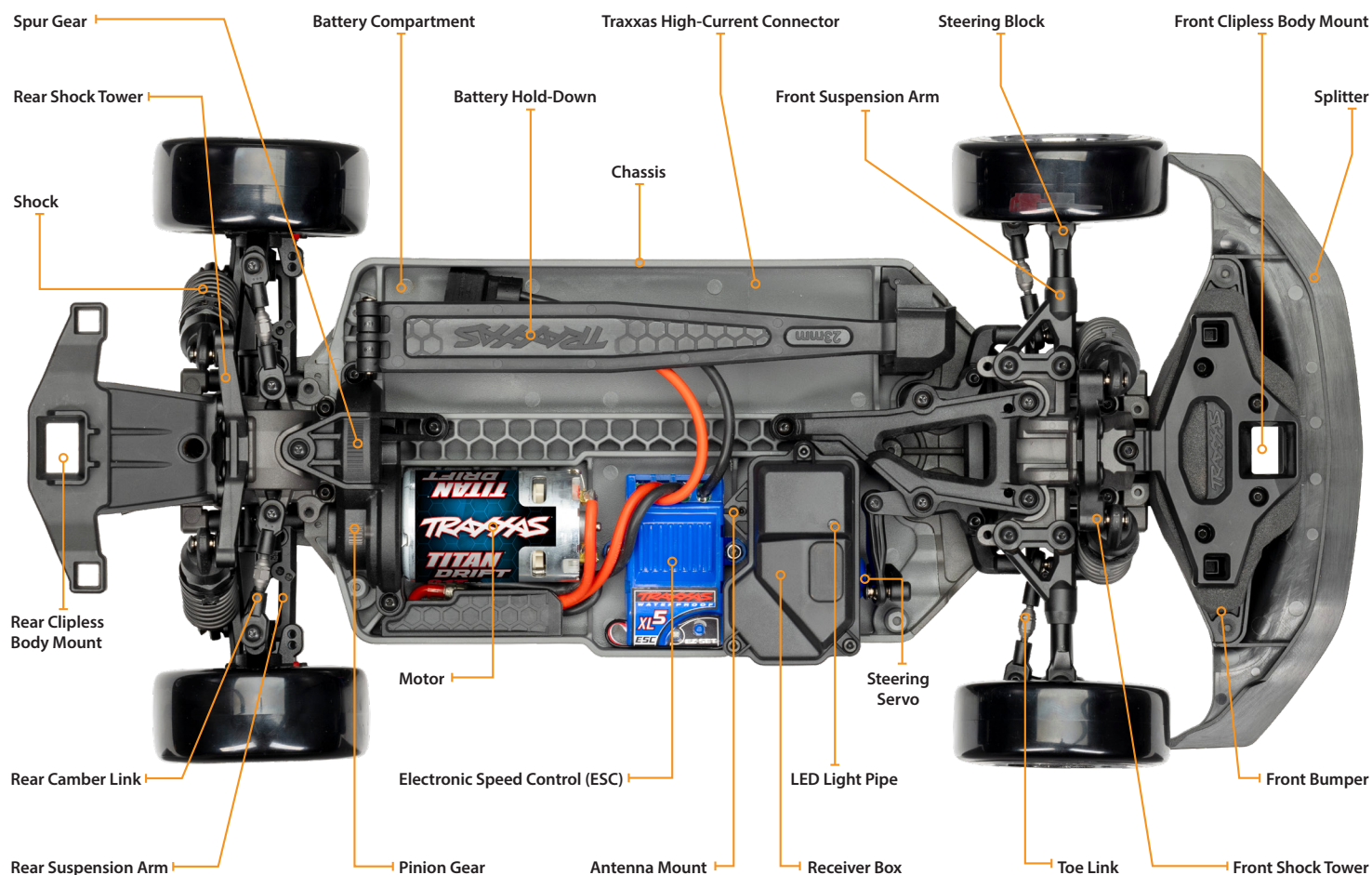
- **Disconnect the Battery:** Always disconnect the battery or batteries from the speed control when not in use.

- **Insulate the Wires:** Always insulate exposed wiring with heat shrink tubing to prevent short circuits.
- **Transmitter on First:** Switch on your transmitter first before switching on the speed control to prevent runaways and erratic performance.
- **Don't Get Burned:** The ESC and motor can become extremely hot during use, so be careful not to touch them until they cool. Supply adequate airflow for cooling.
- **Use the Factory-Installed Connectors:** Do not change the battery and motor connectors. Improper wiring can cause fire or damage to the ESC. Please note that modified speed controls can be subject to a rewiring fee when returned for service.
- **No Reverse Voltage:** The ESC is not protected against reverse polarity voltage.
- **No Schottky Diodes:** External Schottky diodes are not compatible with reversing speed controls. Using a Schottky diode with your Traxxas speed control will damage the ESC and void the 30-day warranty.
- **Always** adhere to the minimum and maximum limitations of the speed control as stated in the specifications table in the Owner's Manual. If your ESC operates on two batteries, do not mix battery types and capacities. Use the same voltage and capacity for both batteries. Using mismatched battery packs could damage the batteries and electronic speed control.

Recycling Traxxas iD® NiMH Batteries

Traxxas strongly encourages you to recycle iD® NiMH batteries when they reach the end of their useful life. Do not throw batteries in the trash. All Traxxas iD® NiMH battery packs display the RBRC (Rechargeable Battery Recycling Corporation) icon, indicating they are recyclable. To find a recycling center near you, ask your local hobby dealer or visit www.call2recycle.org.

MODEL OVERVIEW



Supplied Tools and Equipment



2.0mm "L" wrench



1.5mm "L" wrench



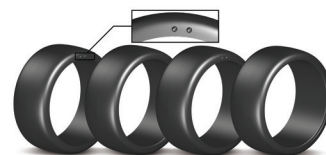
4-way wrench



Turnbuckle wrench



Pre-load spacers and shock pistons



Tires for indoor drift tracks
(for smooth surfaces)

Required Equipment



6 or 7-cell NiMH battery pack, or 2s LiPo battery pack,
with Traxxas iD® High-Current connector*

USB-C 4-amp NiMH/LiPo
Balance Charger
(part #2985)



Battery charger*

EZ-Peak® Plus
(part #2970)



4 AA alkaline batteries

Use genuine Traxxas iD® batteries and chargers for safer charging, maximum battery life, and performance.

QUICK START GUIDE

The following guide is an overview of the procedures for getting your model running. The complete manual for your model can be viewed and downloaded by following the link on the cover of this Quick Start Guide or by scanning the QR code. Please read the entire manual for complete instructions on the proper use and maintenance of your model.

Read All Warnings and Safety Precautions

For your own safety, understand where carelessness and misuse could lead to personal injury and property damage.

Prepare Your Model

Selecting a charger and batteries for your model

Your model does not include a battery or charger. The speed control in the model is compatible with both LiPo and NiMH batteries. One NiMH or 2s LiPo iD® battery equipped with a Traxxas High Current connector is required. Use Traxxas iD® batteries with Traxxas iD® chargers for maximum performance and safer charging. The following chart lists available Traxxas batteries for your model:

LiPo Batteries with iD

2827X 3000mAh 7.4v 2-Cell 20C LiPo Battery*

2842X 5000mAh 7.4V 2-Cell 25C LiPo Battery*

2843X 5800mAh 7.4V 2-Cell 25C LiPo Battery*

2869X 7600mAh 7.4V 2-Cell 25C LiPo Battery

NiMH Batteries with iD

2923X Battery, Power Cell, 3000mAh (NiMH, 7-C flat, 8.4V)

2940X Battery, Series 3 Power Cell, 3300mAh (NiMH, 7-C flat, 8.4V)

2950X Battery, Series 4 Power Cell, 4200mAh (NiMH, 7-C flat, 8.4V)

2960X Battery, Series 5 Power Cell, 5000mAh (NiMH, 7-C flat, 8.4V)



WARNING: FIRE HAZARD!

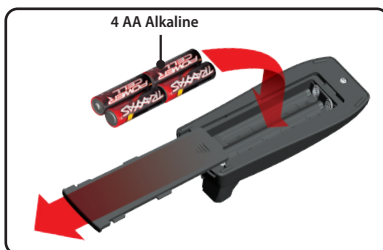
Users of Lithium Polymer (LiPo) batteries must read the Warnings and Precautions beginning on page 2. You **MUST** use a LiPo balance charger for LiPo batteries or battery damage with the potential for fire will result.

Make certain you choose the correct type of charger for the batteries you select. Traxxas recommends you choose a genuine Traxxas EZ-Peak iD charger for safer charging and maximum battery life and performance.

Charger AC Powered	Part No.	NiMH Compatible	LiPo Compatible	Battery iD	Max. Cells
EZ-Peak Plus, 4 amps	2970	YES	YES	YES	3s
EZ-Peak Live, 12 amps	2971	YES	YES	YES	4s
EZ-Peak Dual, 8 amps	2972	YES	YES	YES	3s
EZ-Peak Live Dual, 26 amps	2973	YES	YES	YES	4s
EZ-Peak Plus 4s, 8 amps	2981	YES	YES	YES	4s

Charger USB-C Powered	Part No.	NiMH Compatible	LiPo Compatible	Battery iD	Max Cells
USB-C Balance Charger, 4 amps	2985	YES	YES	YES	3s

Install batteries in the transmitter



Removing and installing the body

Your Ford Mustang includes an innovative latching system for securing the body to the chassis.

To remove the body for chassis access:

1. Pull forward on the front latch while pushing up on the body to release it from the front body mount.
2. Repeat for the rear latch to release the body from the rear body mount.
3. Lift the body straight up from the chassis.

To reinstall the body on the chassis:

1. Align the pegs on the body posts with the holes in the front and rear body mounts on the chassis.
2. Press down on the body until the latches snap into place.



Install the battery pack in the model

Install the battery pack with the battery wires facing the front of the model. Swing the battery hold down towards the chassis and snap (lock) the end into the front hold-down retainer. **Note:** The battery hold-down can be rotated on its pivot to accommodate different height battery packs.

Compatible batteries:

- 6-7 cell NiMH
- 2-cell LiPo



ATTENTION: USERS OF LiPo BATTERIES

Activate Low-Voltage Detection when using LiPo batteries. Refer to the EZ-Set Tips card attached to your model, or see the "Electronic Speed Control Adjustments" section of this guide.



Turning on Your Model

Turn on the transmitter

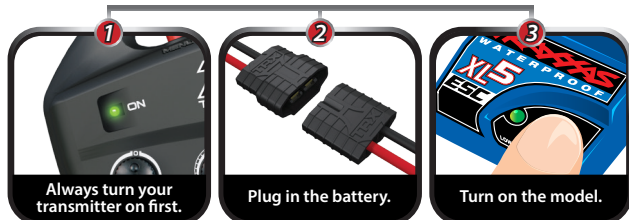
Always turn the transmitter on first, before turning on the model. The transmitter's LED will glow.

Plug the battery into the speed control

Align the + and - markings. Make certain the battery plug is completely inserted.

Turn on the model

Press and release the EZ-Set button on the speed control. Do not hold the button down. The speed control's LED will glow.



Before Operating Your Model

Check servo operation

Confirm the model's wheels turn right and left when the transmitter steering wheel is turned right and left. The front wheels should be pointing straight ahead. If they are turned slightly, slowly adjust the steering trim control on the transmitter until they are pointing straight ahead (see the "Transmitter Adjustments" section for more information).

Range test the radio system

With a friend's help, check servo operation at a distance and that there is no interference before running your model.

Operating Your Model



Traxxas Hand Brake

The transmitter is equipped with a **Hand Brake** button that can be used to apply instant braking force to the rear wheels. It will lock the rear wheels momentarily to allow the rear tires to break traction and make it easier for the car to begin rotating and setting up to drift around a turn.

Transmitter Adjustments

Steering Trim

Turn the steering trim knob to precisely set the steering neutral point so that the vehicle will drive straight ahead. **Note:** The vehicle must be stationary with no throttle or steering input for 5 seconds before adjusting steering trim.



Steering Angle

Turn the Multi-Function knob to adjust the maximum steering angle. Out of the box, the steering angle is set to 50% to make the car easier to drift on smooth, low-traction surfaces. To increase the steering angle, turn the Multi-Function knob clockwise; to reduce the steering angle, turn the knob counterclockwise.



Drift-Tuned Traxxas Stability Management (TSM Drift)

TSM Your vehicle is equipped with Drift-Tuned Traxxas Stability Management (TSM Drift). This exclusive feature makes millisecond-fast steering and throttle adjustments to help maintain precise drift angles and prevent spin-outs. TSM Drift is turned on by default and we recommend that you experiment with TSM Drift adjustments to tune for different surface conditions and driving styles.

Traxxas Link™ Wireless Module

The TQi transmitter is equipped with the Traxxas Link™ Wireless Module. Download the Traxxas Link App from the Apple App Store™ or on Google Play™ and follow the on-screen directions to pair your device with the Traxxas Link Wireless Module and gain access to the Drift Tuning functions. Open the app, touch the Garage button, and then touch the Traxxas Stability Management button.

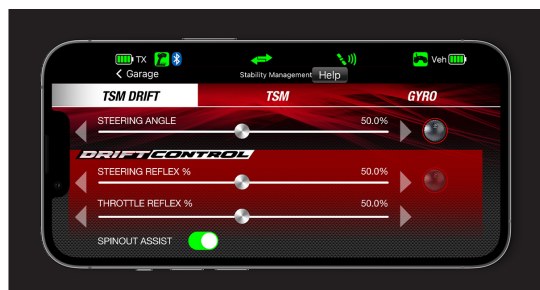


Drift Profile Selection

Your TSM receiver has three (3) preset drift profiles to assist with acceleration and drifting while driving your model.

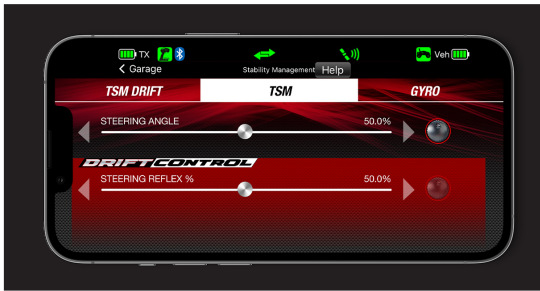
TSM Drift (Profile 1 - default setting):

The TSM Drift Profile activates both electronic throttle and steering aids to make it easier to drift. As you rotate the car in a turn, TSM Drift modulates steering angle and throttle (rear wheel speed) to help maintain the desired drift angle. **Steering Reflex** controls how much steering input TSM provides from zero to 100%. **Throttle Reflex** controls how much throttle input TSM provides from zero to 100%. Adjust the sliders to see how much TSM you need for your driving style and the surface conditions. **Spin-Out Assist** is a function that quickly reduces throttle and provides maximum steering input to help prevent a spin out when detected.



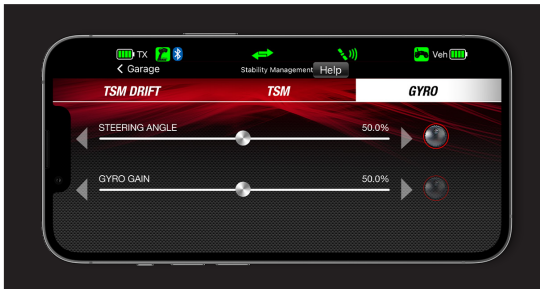
TSM (Profile 2):

Profile 2 is very similar to TSM Drift except in this mode, TSM does not provide any throttle input. This mode is similar to the TSM mode commonly used on many Traxxas models to maintain stability and make the model easier to drive on loose surfaces.



Gyro (Profile 3):

TSM operates like a traditional drift gyro for drivers who are used to driving with a gyro. The car will be more difficult to drift without the assistance of TSM. Use the slider to adjust the gyro gain from 0 to 100%.



Tuning Your Model

Once you become familiar with driving your model, you may want to make chassis adjustments for enhanced driving performance. Front or rear camber angles, front toe-in, caster angle, ackerman angle, and track width are all adjustable. For detailed instructions, refer to your Owner's Manual or visit Traxxas.com.

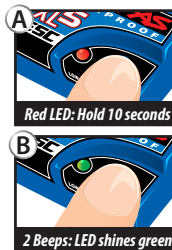
Electronic Speed Control Adjustments

ATTENTION: IF USING A LIPO BATTERY

To prevent over-discharging of LiPo batteries, Low-Voltage Detection must be switched on. To check the status of your model, turn it on. If the speed control's LED is green, Low-Voltage Detection is already activated. If the LED is red, Low-Voltage Detection is not active. Follow these steps to turn on Low-Voltage Detection:

1. Turn the model on. Make sure the LED on the speed control is on and red.
2. Press and hold the EZ-Set button for ten seconds. The LED will turn off and then light green, and the motor will beep twice. Release the button.
3. Low-Voltage Detection is now ACTIVATED.

LiPo batteries are intended only for the most advanced users that are educated on the risks associated with LiPo battery use.



WARNING: FIRE HAZARD!
Do not use LiPo batteries in this vehicle with Low-Voltage Detection disabled.

To disable Low-Voltage Detection when using NiMH batteries, repeat the steps above. The motor will beep three times and the LED will glow red.

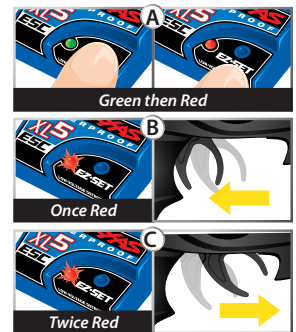
Selecting a Throttle Mode: SPORT, RACE, or TRAINING

1. Connect a fully charged battery to the model and turn on your transmitter.
2. With the model off, press and hold the EZ-Set button until the LED turns solid green, then solid red, and then begins blinking red. It will blink once, then twice, then three times, then repeat.
One blink = Sport Mode will allow full forward and reverse throttle.
Two blinks = Race Mode is the default setting. It removes reverse throttle.
Three blinks = Training Mode will slow the model down by 50% for young or inexperienced drivers.
3. Release the EZ-Set button after the number of blinks for the mode you wish to select. **Note:** If you missed the mode you wanted, keep the EZ-Set button pressed down and the blink cycle will repeat.
4. The LED will blink and then turn solid green (Low-Voltage Detection ACTIVE) or red (Low-Voltage Detection DISABLED). The model is now ready to drive.

Calibrating the Speed Control

The speed control is calibrated at the factory. If the LED on the speed control is flashing green, then follow these steps to recalibrate it.

1. Connect a fully charged battery to the model.
2. Turn on the transmitter (with the throttle at neutral).
3. Press and hold the EZ-Set button (A). The LED will first turn green and then red. Release the EZ-Set button.
4. When the LED blinks RED ONCE, pull the throttle trigger to the full throttle position and hold it there (B).
5. When the LED blinks RED TWICE, push the throttle trigger to the full reverse and hold it there (C).
6. When the LED blinks GREEN ONCE, programming is complete. The LED will then shine green or red (depending on Low-Voltage Detection setting).



Support and Maintenance

Running in Wet Conditions

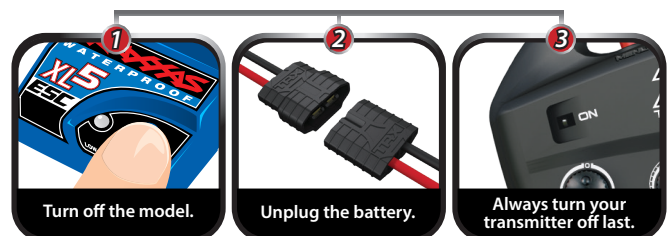
Your Traxxas model is designed with water-resistant features to protect the electronics in the model (receiver, servos, electronic speed control). Though highly water resistant, the model should not be treated as though it is submersible or totally, 100% waterproof. Water resistance applies only to the installed electronic components. Running in wet conditions requires additional care and maintenance to prevent corrosion and maintain proper function. Download the complete manual for full precautions and maintenance requirements. Read and understand all precautions before operating your model in wet conditions. The complete manual for your model can be viewed and downloaded by following the link on the cover of this manual, or by scanning the QR code. Please read this entire manual for complete instructions on the proper use and maintenance of your model.

After You Run Your Model

Turn the model off: Press and release the EZ-Set button on the speed control. The speed control's LED will go out.

Unplug the battery and remove it from the model: Do not store the model with the battery installed.

Turn the transmitter off: Always turn the transmitter off last, after the model has been turned off.



Drifting Performance Tips

Drifting is a driving technique that prioritizes style over speed and lap times. Slow down when driving; small inputs of throttle, brake, and steering work best. Below are several tips to practice. The more you do it, the better you will be.

- Use small, smooth steering and throttle inputs.
- Experiment with the Multi-Function knob to find a steering angle setting that best suits your driving style. If the car is frequently pushing into the turn (going straight with the wheels turned), reduce the steering angle. If the car is performing well and you need more driver control, increase the steering angle.



1. Entering the drift

- Slow down as you enter the turn.
- Use throttle input or the brake/hand brake to start rotation.
- Turn into the corner.
- TSM will automatically countersteer to maintain the drift angle.



2. Maintaining the drift

- Use combined throttle and steering inputs to maintain the drift.
- TSM Drift will increase or decrease throttle and steering as needed to maintain the drift angle.
- As TSM is working, you may notice that the front wheels will be turned more than your steering input. You may also hear TSM modulating the throttle.



3. Exiting the drift

- Reduce steering input while reducing throttle.
- Countersteer to change vehicle direction for the next corner.

