



## THE FUTURE OF RACING IS HERE!

HOT WHEELS® Ai USES ARTIFICIAL INTELLIGENCE TO PUT YOU IN CONTROL OF THE RACE LIKE NEVER BEFORE! PROGRAM THE GAMING CONTROLLER WITH YOUR CHOICE OF 3 RACE MODES, 3 SKILL LEVELS, AND MUCH MORE. REAL-TIME RACE ANNOUNCEMENTS AND SOUND FX KEEP YOU IN THE HEAT OF THE ACTION – BUT HEADS UP! YOUR COMPETITION CAN ATTACK YOU AT ANY TIME WITH AN ENGINE FAILURE, OIL SPILL, OR OTHER TRACK HAZARDS!

CHECK OUT VIDEOS AND LOTS MORE AT: [HOTWHEELS.COM/Ai](http://HOTWHEELS.COM/Ai)

## RACING GUIDE



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**CAUTION:** To prevent entanglement, keep all hair away from the wheels.

COLORS AND DECORATIONS MAY VARY.  
REQUIRES 6 X AA & 6 X AAA BATTERIES (NOT INCLUDED).  
DISPOSE OF BATTERIES SAFELY. [service.mattel.com](http://service.mattel.com)  
[HOTWHEELS.COM](http://HOTWHEELS.COM)  
KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE AS THEY CONTAIN IMPORTANT INFORMATION.



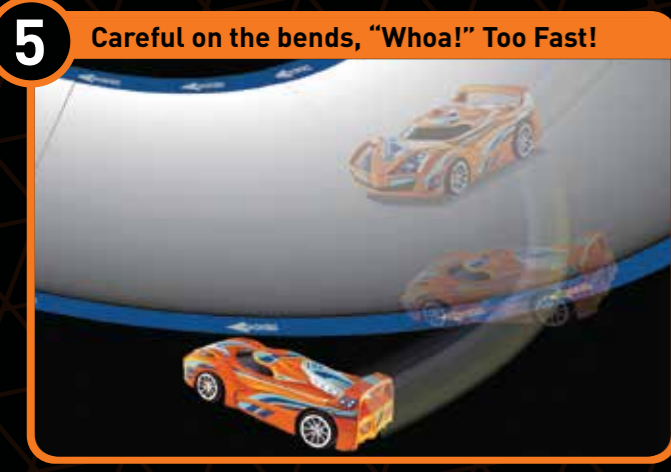
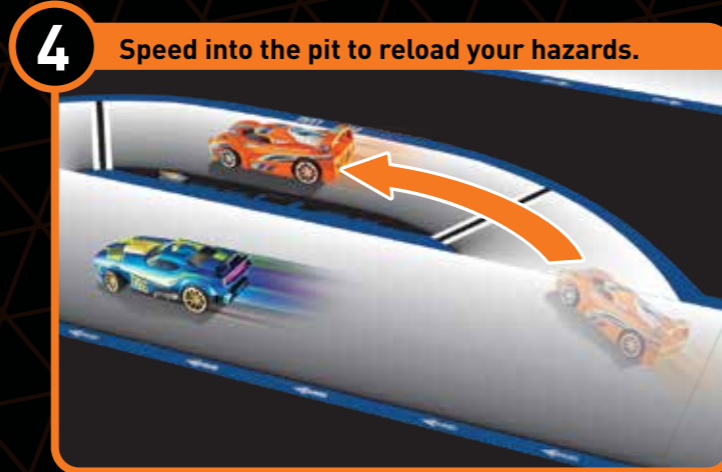
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8+

Welcome thrill seekers, record breakers, and speed demons to the most extreme Hot Wheels® racing experience EVER.


Welcome to 180mph scale speeds. Welcome to cut throat competition. Welcome to hairpin turns, trading paint and photo finishes. Welcome to tire blowouts, oils spills, engine failures and pit stops. Welcome to the FUTURE of racing.

**WELCOME TO HOT WHEELS® Ai. LET'S RACE!!**



In exceptional circumstances batteries may leak fluids that can cause a chemical burn injury or ruin your product. To avoid battery leakage:

- Non-rechargeable batteries are not to be recharged.
- Rechargeable batteries are to be removed from the product before being charged.
- Rechargeable batteries are only to be charged under adult supervision.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (nickel-cadmium) batteries.
- Do not mix old and new batteries.
- Only batteries of the same or equivalent type as recommended are to be used.
- Batteries are to be inserted with the correct polarity.
- Exhausted batteries are to be removed from the product.
- The supply terminals are not to be short-circuited.
- Dispose of battery(ies) safely.
- Do not dispose of this product in a fire. The batteries inside may explode or leak.

 Protect the environment by not disposing of this product with household waste [2012/19/EU]. Check your local authority for recycling advice and facilities.

## FOR PRODUCT SOLD IN USA

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

• This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.




## HINTS AND TIPS ON HOW TO OPERATE THE TOY SAFELY

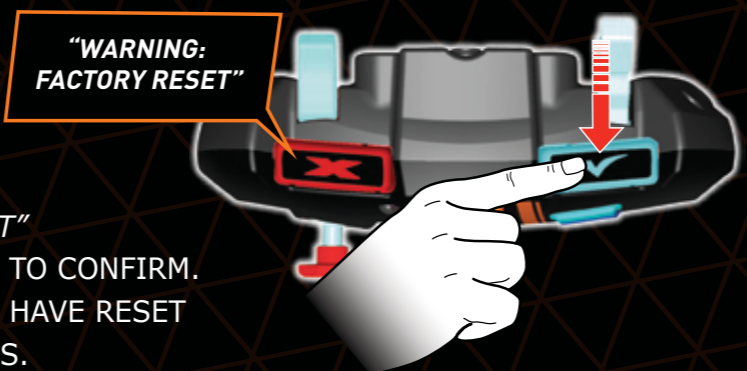
- IF CONTROLLER IS ACCIDENTALLY DROPPED IN THE WATER, REMOVE BATTERY(S) AND ALLOW CONTROLLER TO AIR DRY. REPLACE WITH FRESH BATTERY(S) BEFORE OPERATION.
- PLAY SAFELY! – DO NOT DRIVE VEHICLE ON COARSE SURFACES, OFF-ROAD OR IN THE STREET!

Symptom	Cause	Solution
Vehicle will not pair with the controller	Batteries in the vehicle or controller are low on power	Replace old batteries with high quality alkaline batteries
Vehicle and/or controller continually switches off or restarts	Batteries are low or faulty	Replace old batteries with high quality alkaline batteries
Vehicle running slowly/controller says "Vehicle Batteries Low"	Vehicle batteries are low	Replace old batteries with high quality alkaline batteries
Controller says "Connection Lost"	Vehicle batteries low (likely) or controller batteries low (possible)	Replace vehicle batteries, if the problem persists, replace controller batteries
Controller frequently says "Connection Lost" after replacing all batteries	Interference from other 2.4GHz equipment including WiFi	Turn off or move away from other sources of 2.4GHz transmissions
More than one vehicle pairs with one controller	Vehicles were turned on simultaneously	Turn off all vehicles and controllers and then turn each controller and vehicle on in turns
Vehicles slide off of the track at the bends even at low speed	Dust or dirt on the track or vehicle tires or direct sunlight on the track	Clean track and tires gently with a clean damp cloth and ensure there is no direct sunlight on the track
The controller is not speaking the language I require	Incorrect language set at startup	Switch on the controller while holding down the 'X' button
Vehicle is driving itself during a championship race	Vehicle is set in Ai car mode	Restart the race
Controller volume is low	Controller may be set to low volume	Increase volume in the system settings menu (see page 8)
Vehicle won't steer into the Pit	Freeplay mode not engaged	Push the RC button on Controller
Vehicle comes off track in AutoDrive mode	Dust on vehicle tires, sensor windows or Smart Track™/track pieces separated	Wipe with a clean cloth/Check that track pieces are joined correctly with no lumps underneath
Laps not being counted	Dust on sensor windows	Wipe with a clean cloth
Vehicle does not drive straight in Freeplay mode	Steering out of alignment	Adjust steering alignment (see page 17)
Vehicle does not steer properly	Vehicle tires/body not fitting correctly	Check tires are securely on the wheel covers/Check body shell is properly attached to the chassis

## FACTORY RESET

YOU CAN RETURN YOUR CONTROLLER TO THE ORIGINAL FACTORY SETTINGS AT ANY TIME. HERE'S HOW!

1. CONNECT THE VEHICLE AND PUSH THE  BUTTON.
2. TOGGLE THE STEERING STICK LEFT OR RIGHT UNTIL YOU HEAR: "FACTORY RESET".
3. PUSH THE  BUTTON.
4. AFTER YOU HEAR THE "WARNING: FACTORY RESET" VOICE PROMPT, PRESS THE  BUTTON AGAIN TO CONFIRM.
5. A SERIES OF 'BEEP'S WILL PLAY TO CONFIRM YOU HAVE RESET YOUR CONTROLLER TO ORIGINAL FACTORY STATUS.



FAST FISH®

SPIN KING™

- Like a dangerous piranha, this race car viciously darts around the track and is always ready to attack its prey.

- No one tops the high speed drifting moves of this ultimate speed machine as it carves the fastest lines through the most twisted corners.



GAMING CONTROLLERS



## 20 SMART TRACK™ PIECES



1x STARTING GRID



5x STRAIGHT TRACK



10x 45° CORNER TRACK



2x REVERSE 45° CORNER TRACK



1x PIT LANE IN

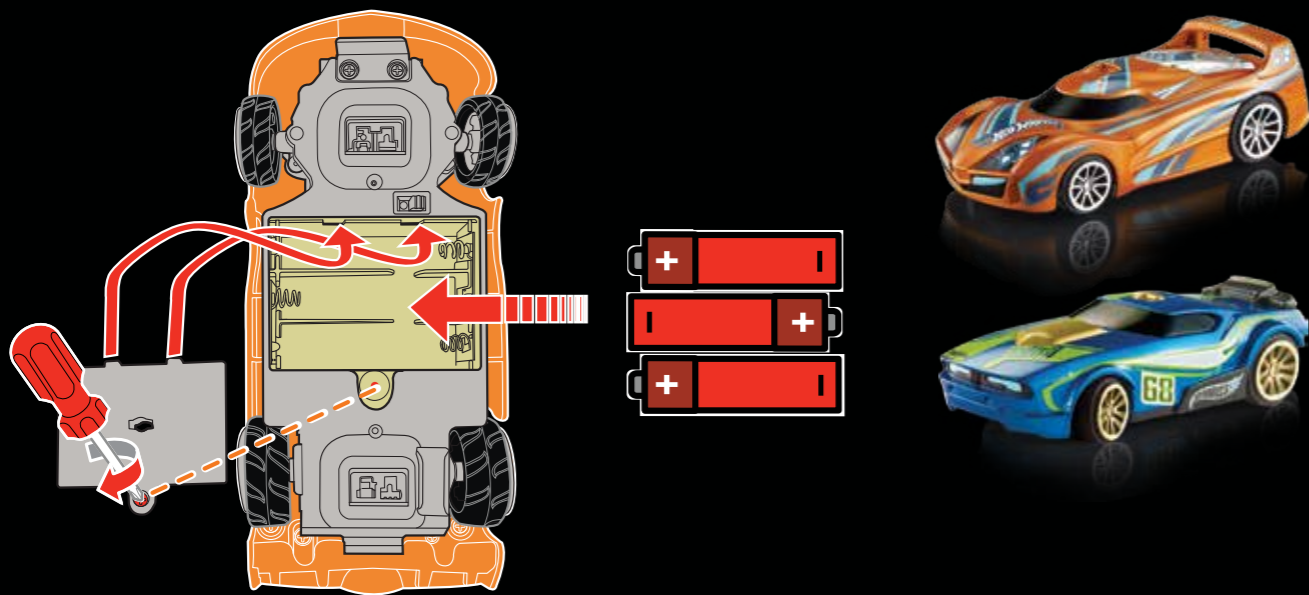


1x PIT LANE OUT

## PREP YOUR RACE VEHICLE

- EACH RACE VEHICLE REQUIRES THREE 1.5V AAA BATTERIES.
- BATTERIES NOT INCLUDED. DISPOSE OF BATTERIES SAFELY.

- OPEN AND CLOSE THE BATTERY COVER WITH A PHILLIPS HEAD SCREWDRIVER (NOT INCLUDED).



## AI SYSTEM CARE

- DO NOT STEP ON TRACK.

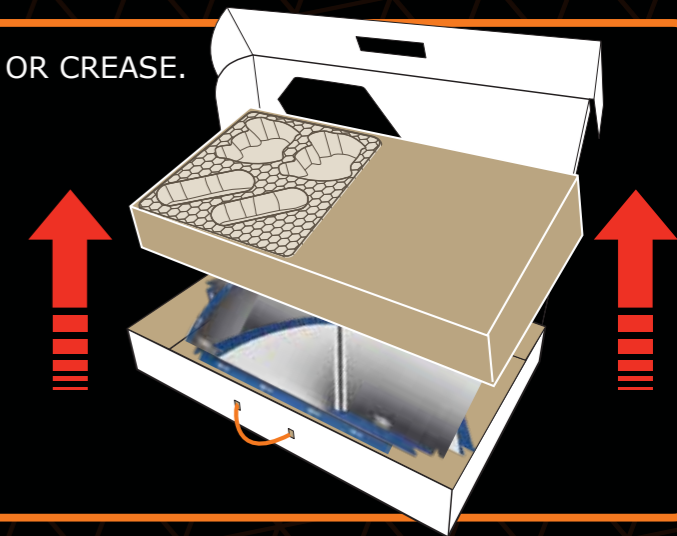


- DO NOT LEAVE TRACK IN DIRECT SUNLIGHT FOR PROLONGED PERIODS.



- ALWAYS PACK THE TRACK FLAT. DO NOT FOLD OR CREASE.

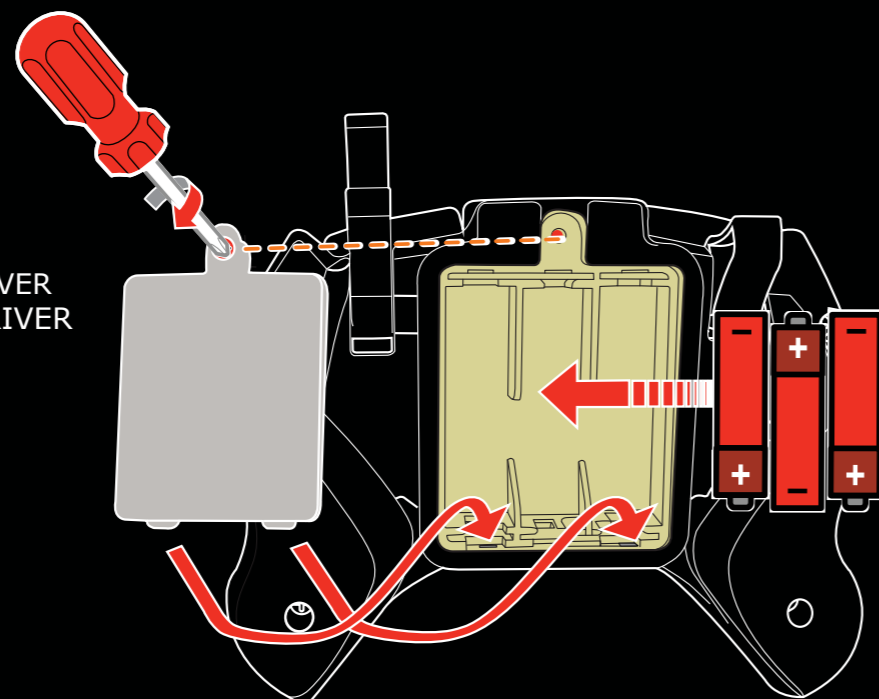
**NOTE:** KEEP SMART TRACK™ PIECES STORED IN THE INCLUDED STORAGE CASE AND ALWAYS PACK THE TRACK FLAT AND ENSURE THERE ARE NO CREASES.



## PREP YOUR GAMING CONTROLLER

- EACH CONTROLLER REQUIRES THREE 1.5V AA BATTERIES.
- BATTERIES NOT INCLUDED. DISPOSE OF BATTERIES SAFELY.

- OPEN AND CLOSE THE BATTERY COVER WITH A PHILLIPS HEAD SCREWDRIVER (NOT INCLUDED)



## ADJUST STEERING ALIGNMENT

FROM TIME TO TIME (ESPECIALLY AFTER YOU CRASH), YOU MAY NEED TO ADJUST THE STEERING ON YOUR HOT WHEELS® AI VEHICLES. IT'S EASY!

1. CONNECT THE VEHICLE AND PUSH THE BUTTON.
2. TOGGLE THE STEERING STICK LEFT OR RIGHT UNTIL YOU HEAR: "ADJUST STEERING".
3. PUSH THE BUTTON AND FOLLOW THE VOICE PROMPTS.
4. DRIVE YOUR SMART CAR SLOWLY BACKWARD AND FORWARD WITHOUT STEERING TO SEE IF IT RUNS TOWARDS THE LEFT OR RIGHT.
5. CORRECT THE STEERING BY PUSHING THE STEERING STICK IN THE OPPOSITE DIRECTION OF THE WAY THE SMART CAR RUNS TOWARDS.
6. EACH TIME YOU TURN THE STEERING STICK LEFT OR RIGHT, YOU WILL HEAR A 'BEEP' THAT CONFIRMS YOU HAVE ADJUSTED THE STEERING ONE NOTCH IN THAT DIRECTION.

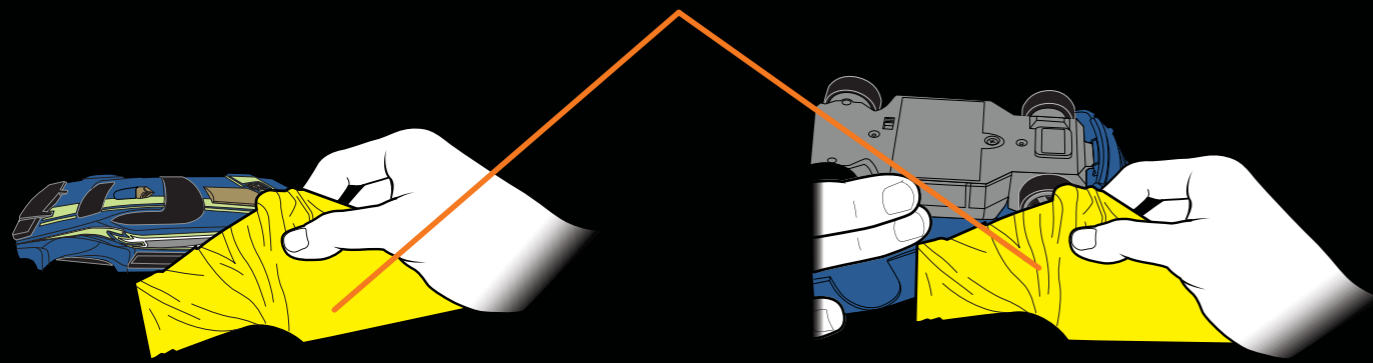
- Once you are done, press the button to return to the main menu.

For the best **Hot Wheels® Ai** performance, always keep your Ai Race System in prime operating condition.

## VEHICLE CARE

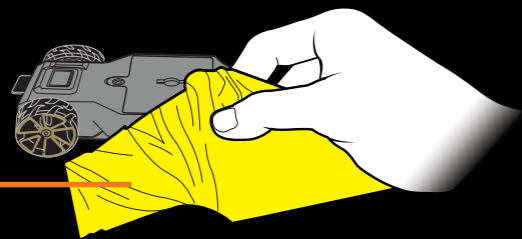
- Keep your SMART CARS tires and chassis clean.
  - Use a clean damp cloth when cleaning the vehicle body and tires.

DAMP CLOTH



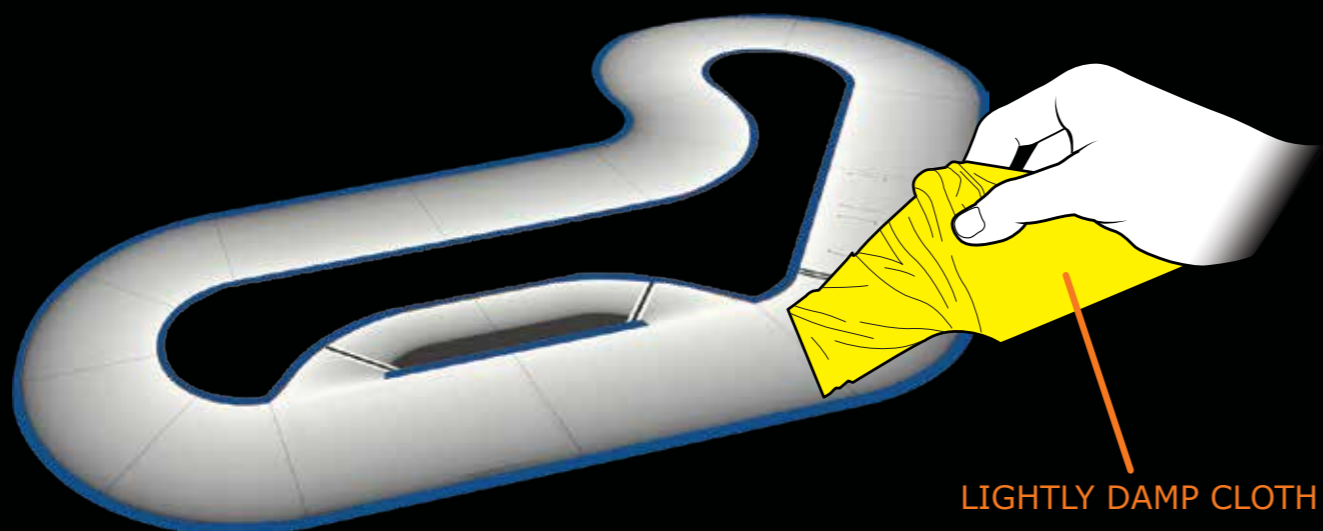
- Use a clean dry cloth when wiping down your chassis and track sensors.

DRY CLOTH



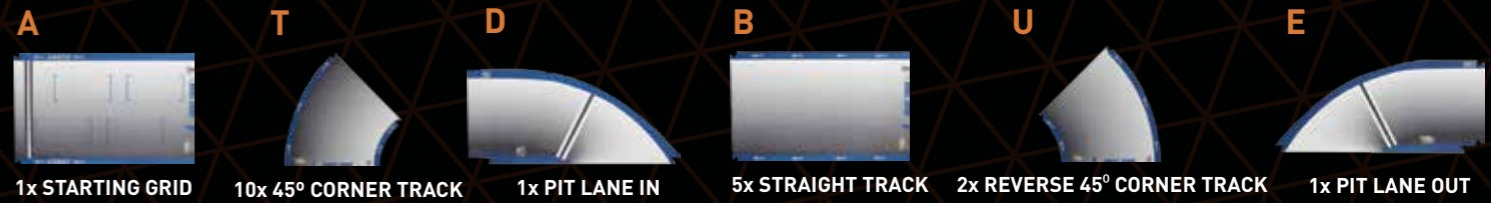
## SMART TRACK™ CARE

- Clean SMART TRACK™ with a lightly damp cloth.
  - Do not build track on a slippery surface.



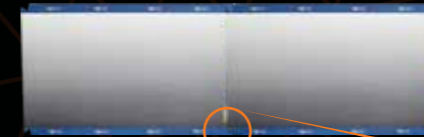
LIGHTLY DAMP CLOTH

**Hot Wheels® Ai** comes with 20 pieces of SMART TRACK™ so you can create and customize your own unique raceway. Place the Start / Finish line ANYWHERE you want and build an EPIC race with the additional track sections. Straight tracks add bursts of speed to the race while bends help slow things down.



### 1 SET UP

Setting up SMART TRACK™ is easy. Simply connect track pieces by inserting the tabs on one piece of track to the slots on another piece of track as shown below.



CONNECT

### 2 DISCONNECTING THE TRACK

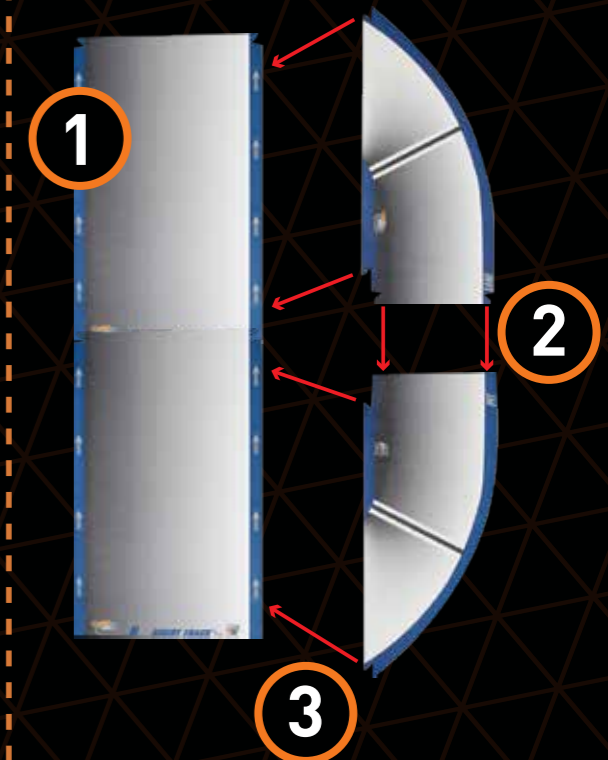
Take track apart by pulling tabs out of the slots as shown.

**!** Be careful not to pull the tabs at an angle as this may cause the tab or slot to tear or split.



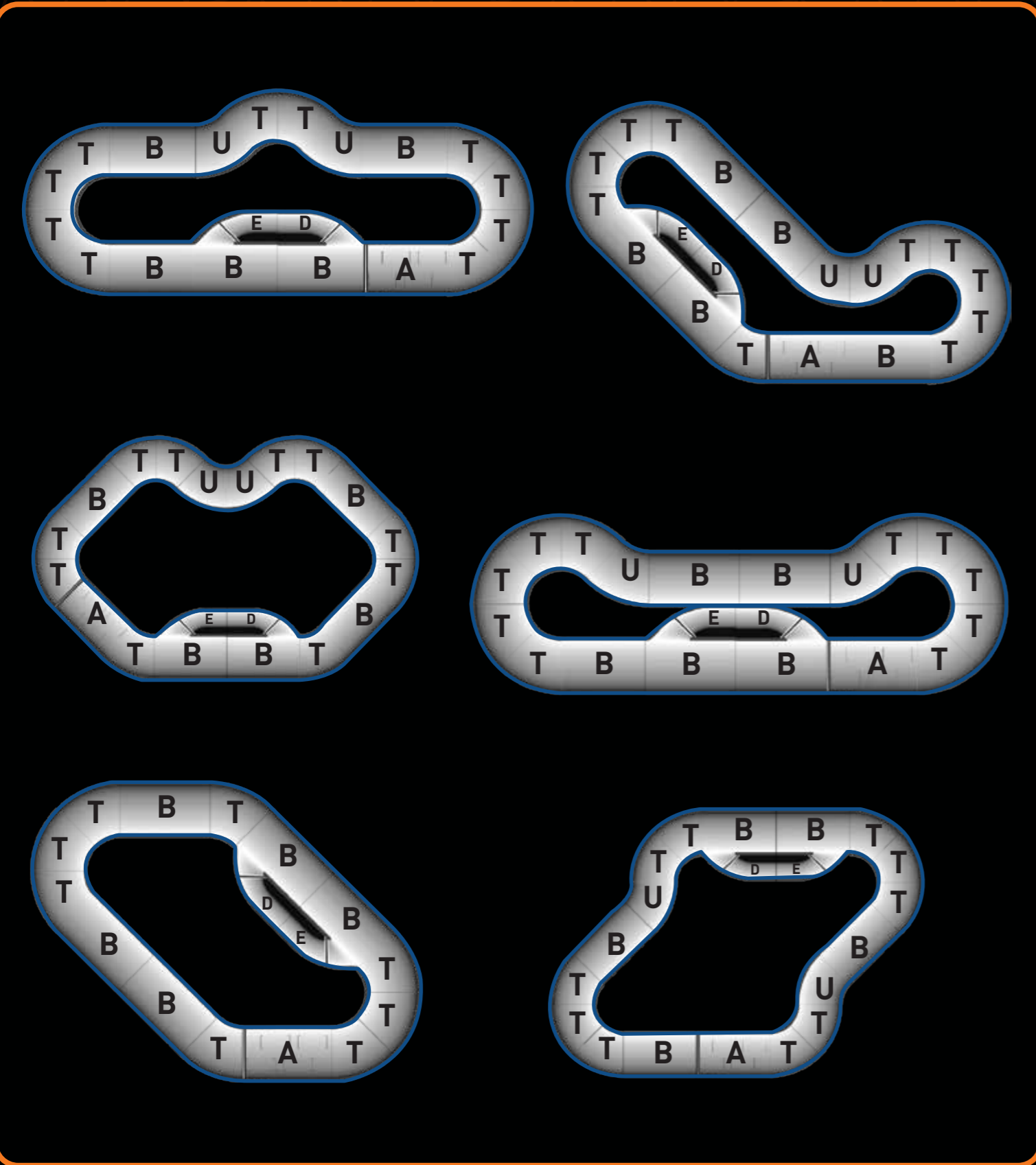
### ADDING THE PIT LANE

For the Pit Lane, look for the additional slots on the sides of the straight track pieces and attach both Pit Lane pieces. Then connect the Pit Lane In and Pit Lane Out pieces together as shown.

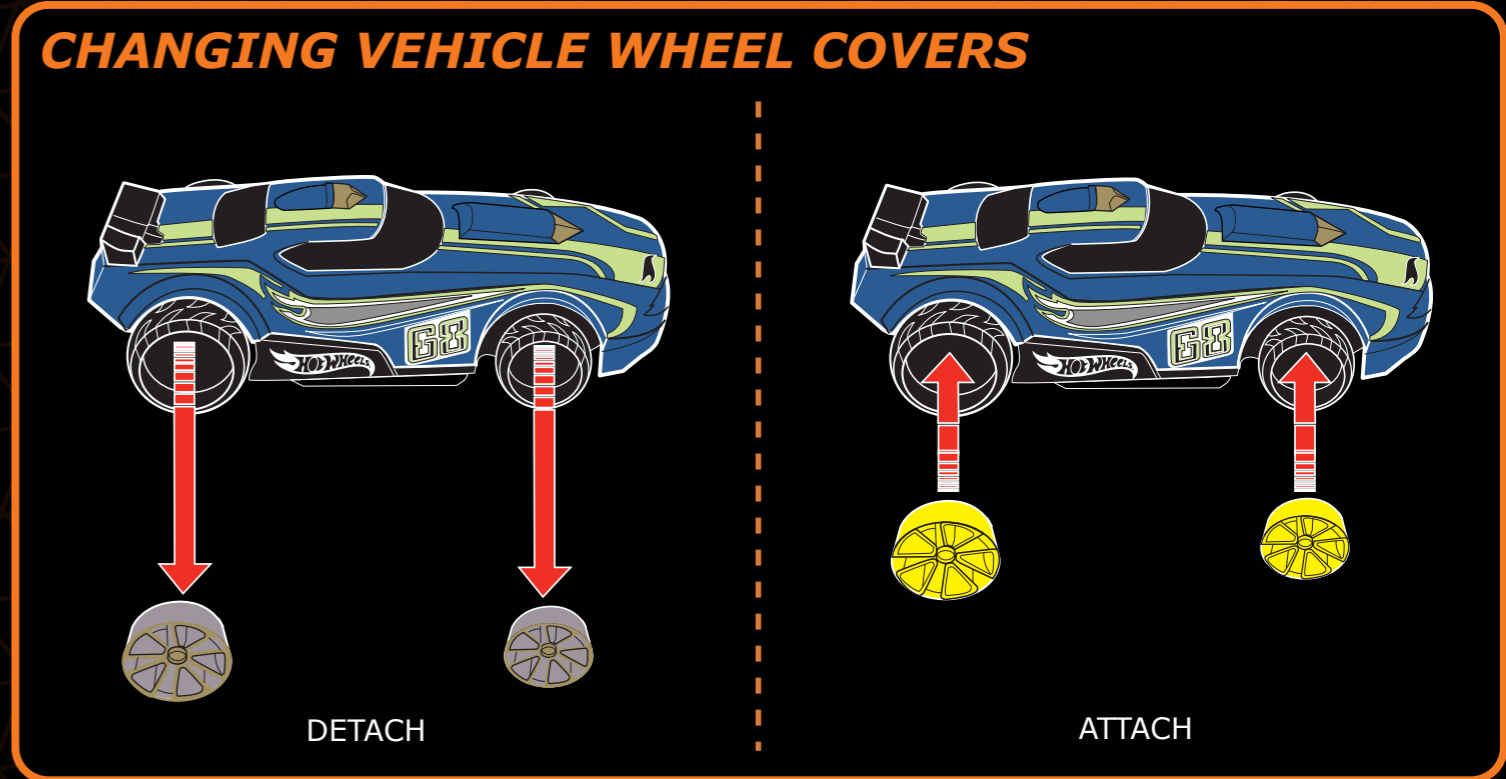
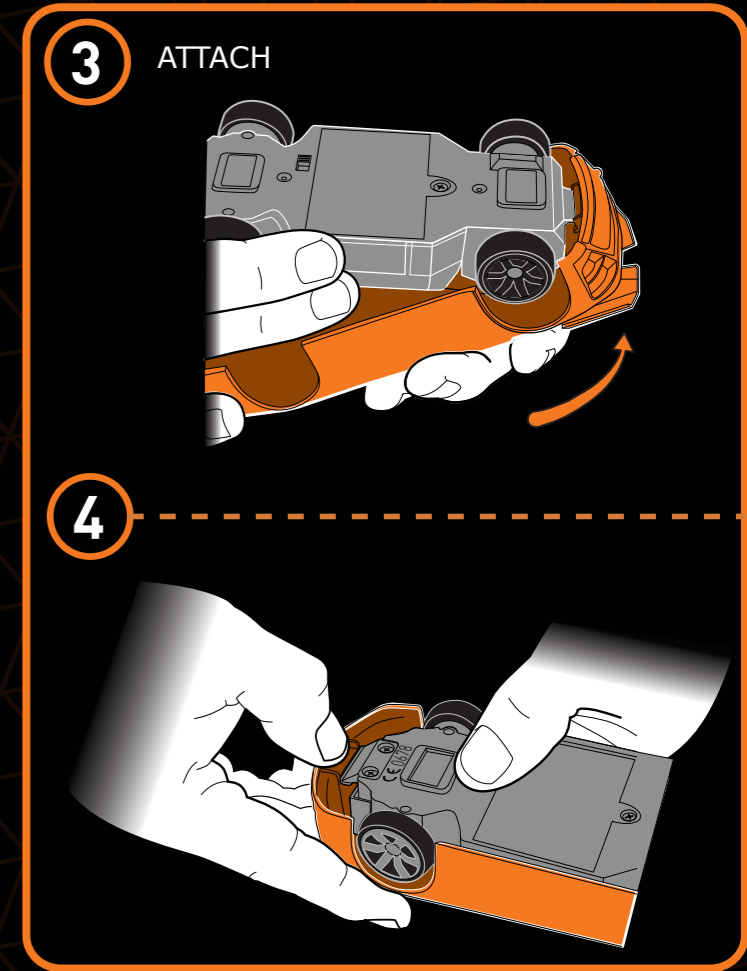
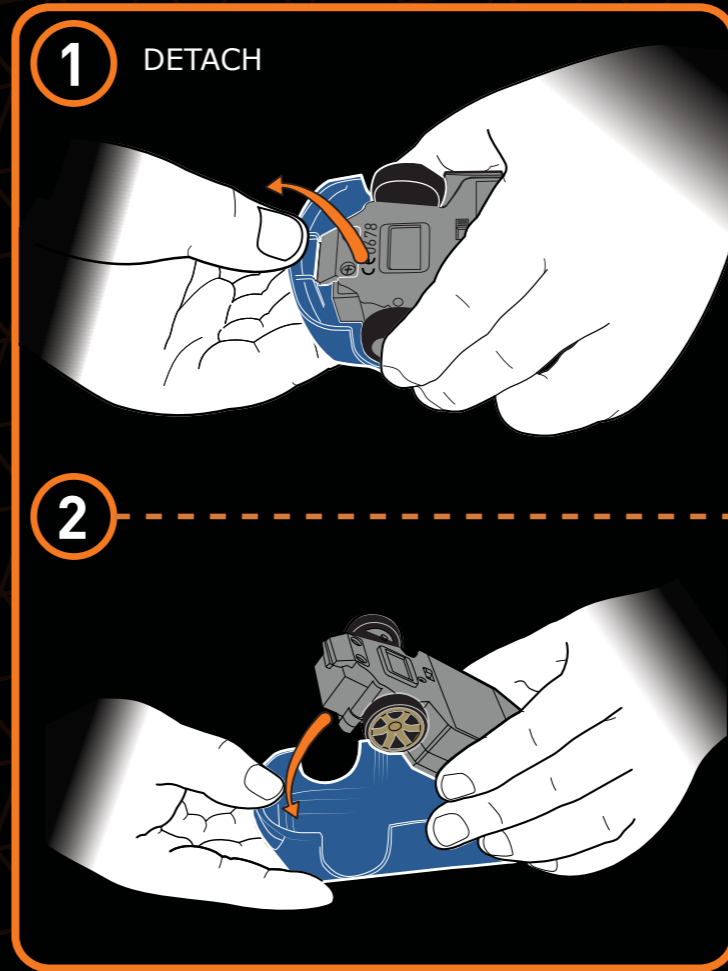


## NEVER RACE THE SAME WAY TWICE!

Build any of the SMART TRACK™ layouts below, visit: [HotWheels.com/Ai](http://HotWheels.com/Ai) for additional track layouts, or get creative and make your very own unique Hot Wheels® Ai race!



Hot Wheels® Ai lets you customize your race vehicle by swapping SMART CAR frames and wheel covers.

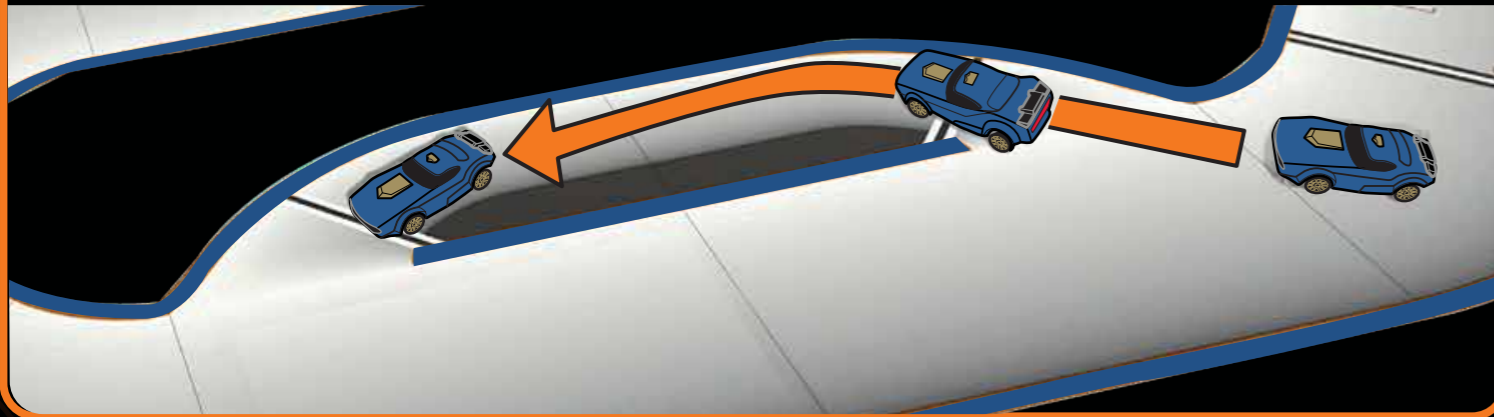


## PIT STOP

When you run out of Hazards ⚠️ you will need to make a PIT STOP to refill them.  
— Steer to the pit lane and carefully drive IN and OUT of the pit.

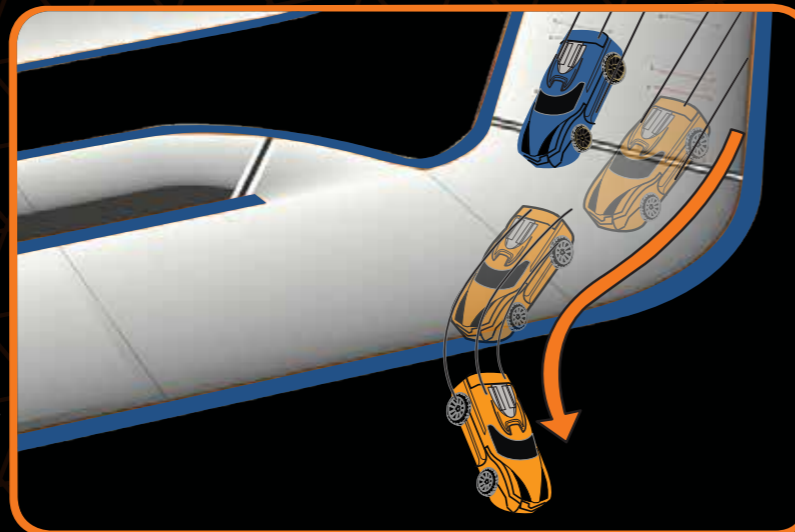
**IMPORTANT:** You need to switch on **RC ASSIST** mode to allow the car to steer into the pit. Once inside the pit, you can switch off **RC ASSIST** mode. (see below for info on RC ASSIST)

After you successfully PIT the gaming controller will let you know, "You're good to Go!" and hazards will now be refilled.



## RACING OFF TRACK

If you get hit by a hazard or take a turn too fast and race off the track, activate the **RC ASSIST** mode to disengage the track sensors and steer back to the track. (See below for more info on RC ASSIST)



## WINNING THE RACE

The car that completes all the race laps first, WINS! All other positions and lap times are announced after all player-controlled cars finish their current lap.

## RC ASSIST


- In **PRACTICE** and **CHAMPIONSHIP** modes, if at any time you drive off-track, or want to temporarily disable track assistance, you can push the  **RC button** to activate **RC ASSIST**.

This mode allows you to navigate back to track with **FREEPLAY** controls. A slow **BEEP** will alert you that you are in **RC ASSIST** mode, press the **RC button** again to deactivate and re-engage the sensors once you are back on track.



**THE ACTION STARTS ONCE YOU POWER ON YOUR CAR AND CONTROLLER.**

NOTE: Make sure you have correctly installed the batteries in both your vehicle and controller (see page 4).

- 1 Press the  button to POWER ON your controller.




- 2 If playing for the first time (or after loading a new set of batteries) you will be asked to select a language.

- 3 Use the STEERING STICK to toggle left and right until you hear the language you want to play in.



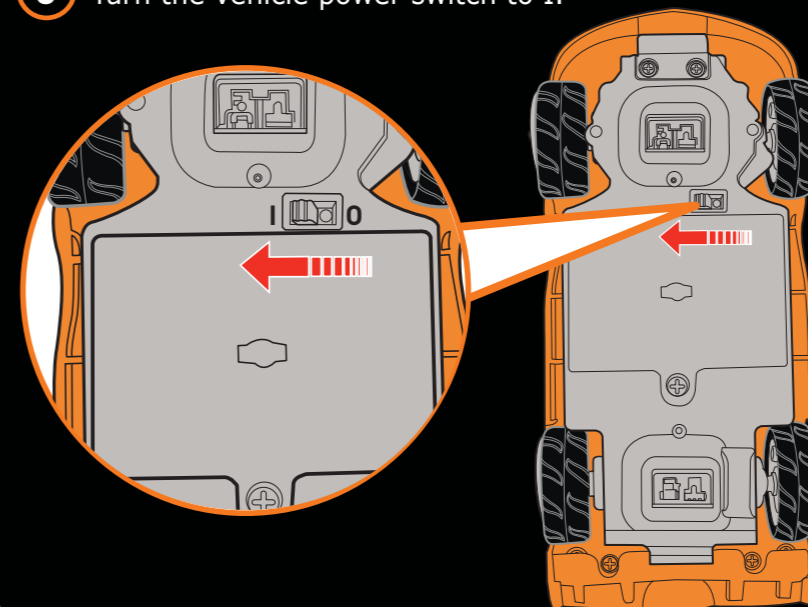
- 4 Press the  button to select.



**NOTE:** You can reset the language at any time by powering off the controller and turning it back on while pressing down on the  button.

- 5 Turn the vehicle power switch to I.

- 6 Listen for the voice prompt from the controller to confirm:



**"VEHICLE AND CONTROLLER CONNECTED"**

# USE YOUR GAMING CONTROLLER

The **GAMING CONTROLLER** gives you the power to control your vehicle and set up the race!



\*These controls can only be used when racing on HOT WHEELS® SMART TRACK™.

## CUSTOMIZE GAMING CONTROLLER SETTINGS

Your **GAMING CONTROLLERS** and **SMART CARS** come ready to race right out of the box — use them the way they are or tweak their performance.

- Press the button.
- Use the STEERING STICK to toggle left and right through the editable settings.

### ○ SPEAKER VOLUME

- Press the button to enter.
- Toggle left and right to adjust the controller volume from 1 to 5.
- Then press the button to confirm.

### ○ ENGINE SOUNDS

- Press the button to enter.
- Toggle left and right to turn engine sounds ON and OFF.
- Then press the button to confirm.

### ○ ADJUST STEERING

- See page 17

### ○ FACTORY RESET

- See page 18



# CHAMPIONSHIP MODE FEATURES

**CHAMPIONSHIP MODE** has **3 SKILL LEVELS**, each with its own unique set of gameplay features.



### • BEGINNER MODE:

For Hot Wheels® Ai newbies, BEGINNER mode provides:

- HIGH track assistance.
- Limited acceleration and steering.
- No race hazards.

There's no chance of driving off-track, so go ahead and step on the gas!



### • ADVANCED MODE:

For more skilled players, ADVANCED mode offers:

- MEDIUM track assistance.
- MODERATE acceleration and steering.
- Two race hazards (*Engine Failures and Missed Gears*).

Watch your speed on the turns or you may race off-track.



### • EXPERT MODE:

For experienced players, EXPERT mode offers:

- LOW track assistance.
- FULL acceleration and steering.
- All four race hazards (*Engine Failures, Missed Gears, Oils Spills and Tire Blowouts*).

This is the ultimate Hot Wheels® Ai race experience, GAME ON!

**The following features are only available in ADVANCED and EXPERT modes:**

### HAZARD ATTACKS:

Press the Hazard trigger to launch an attack at the player ranked ahead of you. If you are in 1<sup>st</sup> place, your attack will hit the 2<sup>nd</sup> place-ranked car.

- There are four different hazards in Hot Wheels® Ai. Each one affects your SMART CAR performance differently:

**ENGINE FAILURE** – Slows your vehicle to a crawl.

**MISSED GEAR** – Temporarily impacts vehicle speed.

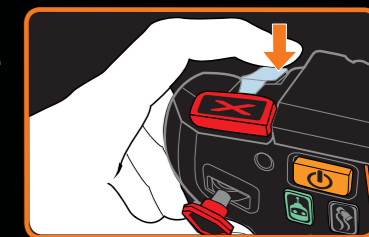
**OIL SPILL** – (*EXPERT MODE ONLY*) – SPIN OUT!

**TIRE BLOWOUT** – (*EXPERT MODE ONLY*) – Vehicle slows and swerves to the side of the track.



Use hazards wisely as you only get 3 per race and you will need to pit to reload them.


NOTE: *AUTODRIVE cars will not fire hazards unless you fire first. Once you do, it's battle on! Each time you pit and reload your hazards, all AUTODRIVE cars will reload automatically. So plan your attacks wisely because they can battle with no pit stop time penalty.*







## 2 SETTING UP A RACE (CONT.)


### • To add Ai-controlled vehicles.

- Connect gaming controller and vehicle in turns (see page 7).
- Press the  button.
- Wait to hear prompt, "Player X, you've joined the race!".


- Choose  after joining the race, but BEFORE placing vehicle on the track.


**NOTE:** Ai cars will automatically be set to the same SKILL LEVEL as Player 1 (the race host).


- Place the Ai vehicle on the starting grid and press the  button.

- When all vehicles are ready behind the starting line, player 1 must press the  button and wait for the race start command "3... 2... 1... GO!!!".

- In CHAMPIONSHIP MODE the gaming controller will give you updates on lap number, race position, hazard impacts if any (see page 13) and alert you when you need to Pit.

- Press the  button at any time to hear your player number and fastest lap time.

- You can exit CHAMPIONSHIP MODE at ANY time, simply press the  button to Exit.

- When asked to EXIT, press the  button. If you are Player 1, this will end the race for all Players.

**NOTE:** During the race, any Players except Player 1 can drop out at any time while others continue to race.



With Hot Wheels® Ai you can race how YOU want, on-track or off. You're in control!

- Press the **RC** button to engage Freeplay mode.





**RACE ON WOODEN FLOORS!**



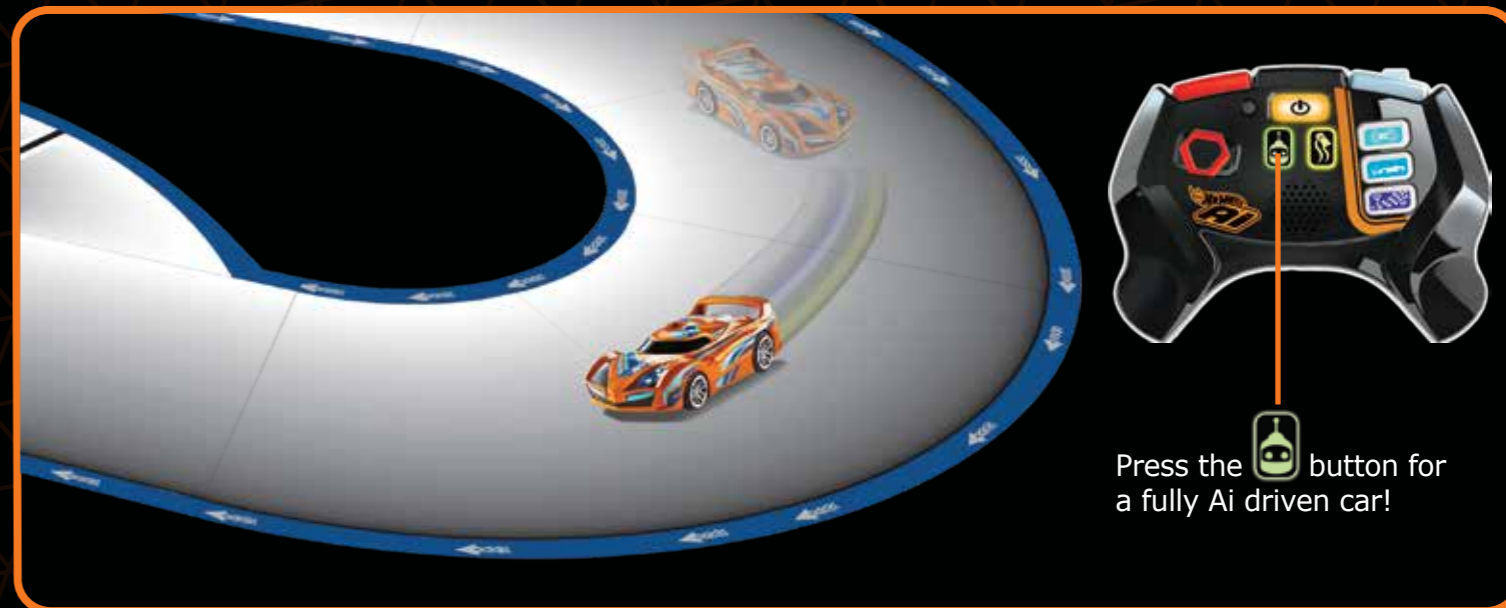
**RACE ON TILE FLOORS!**



- Race wherever you like without the Ai track assistance.  
NOTE: Hot Wheels® Ai vehicles contain advanced sensors that read the SMART TRACK™ pieces. Vehicles are not recommended for rough terrain or outdoor play.
- You can exit Freeplay mode at ANY time, simply press the  button to Exit. When asked if you want to EXIT mode, press the  button.

## AUTODRIVE MODE



Want to watch the **Ai SMART CARS** race around your custom track entirely on their own? Place your vehicle on the starting line and then choose the **AUTODRIVE** mode for the ultimate hands-free race.



# PRACTICE MODE

Want to hit the track fast and go for your fastest lap time? Then **PRACTICE MODE** is for you!

1

- Press the  button.
- Press the  button to choose your SKILL LEVEL.

**BEGINNER** – High track assistance and limited acceleration for Hot Wheels® Ai newbies.

**ADVANCED** – More power and more control for experienced players.





**EXPERT** – Low track assistance and HIGH power for real speed demons.

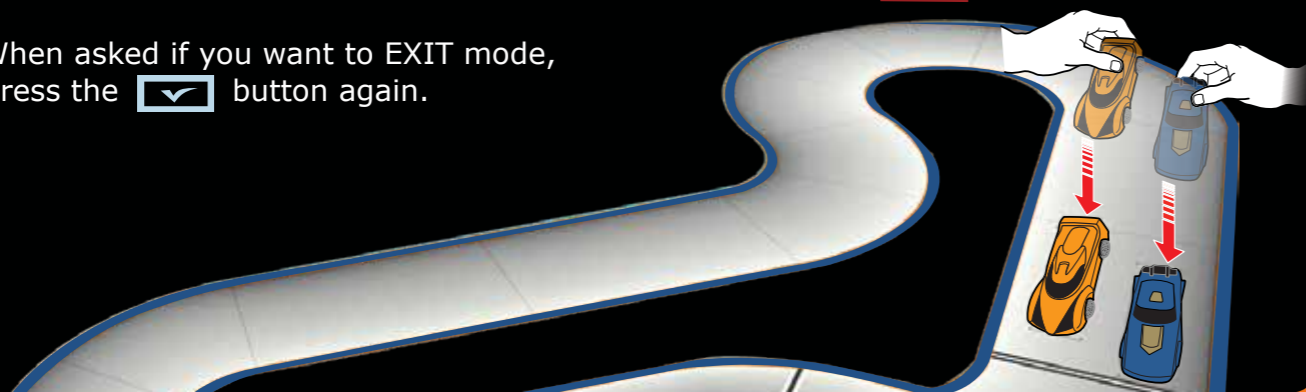
- **CAREFUL:** Even though Hot Wheels® Ai uses Artificial Intelligence to keep your car on track, in Expert mode the Track Assistance is turned way down, so turn your racing skills way up. Watch your speed on the turns or you WILL spin out and race off track.

2

- Place your vehicle behind the starting line.

**NOTE:** Always place vehicles on track so they race in a clockwise direction. Racing the wrong direction will severely affect the steering and performance of your Ai vehicles.

- Press the  button and wait for the race start command "3... 2... 1... GO!!!".
- In PRACTICE MODE the gaming controller will give you updates on lap times and your FASTEST LAP. Drive carefully and try to beat your best time.
- Press the  button at any time to hear your FASTEST LAP time again.
- You can exit PRACTICE MODE at ANY time, simply press the  button to Exit.
- When asked if you want to EXIT mode, press the  button again.



## RC ASSIST (see page 14 for more detailed info)

In PRACTICE and CHAMPIONSHIP modes, if at any time you drive off-track, or you want to temporarily disable track assistance, you can push the RC button to activate RC ASSIST. This mode allows you to navigate back to track with FREEPLAY controls. A slow BEEP will alert you that you are in RC ASSIST mode, press the RC button again to deactivate and re-engage the sensors once you are back on track.

# CHAMPIONSHIP MODE


Ready to compete against friends or challenge Hot Wheels® Ai vehicles controlled by Artificial Intelligence? Then it's time for **CHAMPIONSHIP MODE!**

1

## SETTING UP A RACE

- Press the  button.



**IMPORTANT!** The first controller to select CHAMPIONSHIP MODE will automatically become Player 1 and control the race and all race settings.

- Choose your SKILL LEVEL. Press the  button to toggle between three difficulty modes.




**BEGINNER**  
**ADVANCED**  
**EXPERT**

**NOTE:** See more about each SKILL LEVEL on page 13.

- Press the  button.
- Choose the number of laps.
  - Use the STEERING STICK to toggle left and right to set the number of laps.
  - When you hear the number of laps you want, press the  button.
  - Place your vehicle on the starting grid and wait for other players.

Other players can join the race too, either vehicles controlled by friends or vehicles controlled by Hot Wheels® Ai.

- To add friend-controlled vehicles.
  - Connect your gaming controller and vehicle in turns (see page 7).
  - Press the  button.
  - Wait to hear prompt, "Player X, you've joined the race!".
  - Place your vehicle on the starting grid.