TEAM HOT WHEELS™

5+

MATTEL®

W2992-0920

INSTRUCTION MANUAL

Keep these instructions for future reference, as they contain important information.

⚠ WARNING:
CHOKING HAZARD - Small parts. Not for children under 3 years.

⚠ **CAUTION:** This product contains a sharp edge(s). For adult assembly only. Take extra care during unpacking and assembly.

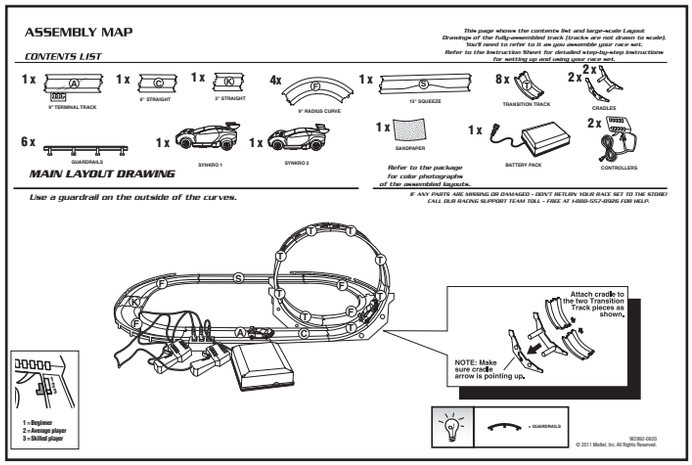
START HERE!

ADULT ASSEMBLY REQUIRED.

Follow the step-by-step instructions to set up your race set.

Please separate the "Assembly Map" page, and keep it handy during assembly. This page contains the contents list and large-scale Layout Drawings of the fully-assembled track. You'll need to refer to it as you go.

The Assembly Map looks like this:



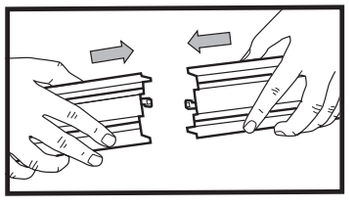
Look for this symbol throughout this manual. It indicates important information.

Be sure to check out the Troubleshooting Guide on the back of the Assembly Map.

I. BASIC TRACK ASSEMBLY

Start out on a clean, hard, flat racing surface – not carpeting. Take out all the track pieces (and other parts) and check them carefully against the contents list on the Assembly Map.

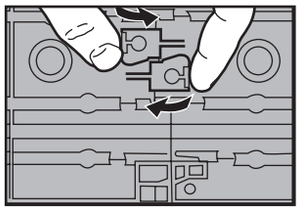
1. There are letters molded into each track piece. These letters are used in these instructions to indicate which track piece goes where. Following the layout drawings on the Assembly Map, you may want to lay out your track – without connecting any track pieces. That way you'll be able to see how the track layout goes together.



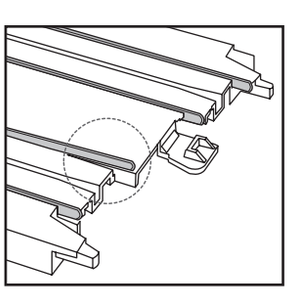
2. To connect track pieces: working on the flat surface, push the ends of the track pieces together. Make sure they snap together securely – you'll hear a click when they're properly connected.

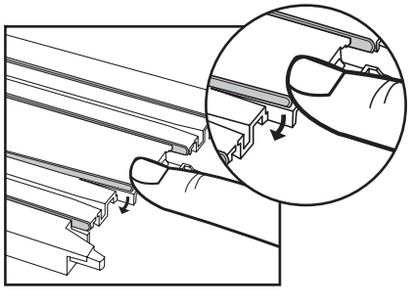
Remember: if the track connections aren't right, electric power won't flow from one track section to the next.

3. To disconnect track pieces, simply reach underneath where the track pieces meet and press the locking tabs together with thumb and forefinger as shown.



Occasionally the metal track rails will stick up too far from the surface of a track piece, as shown. This may interfere with vehicle movement. To correct, simply press the rail back down with your finger. If the problem persists, please contact Customer Service toll-free at 1-888-557-8926.



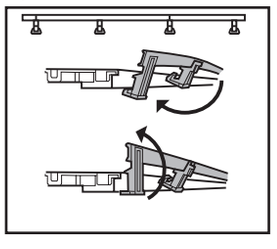


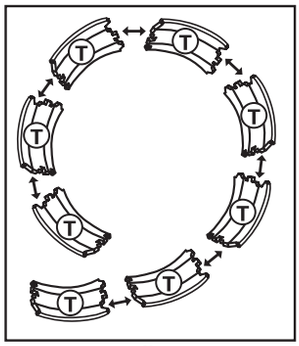
Sometimes brand-new track may need a quick cleaning for best performance. Check the Maintenance section of this manual for more information.

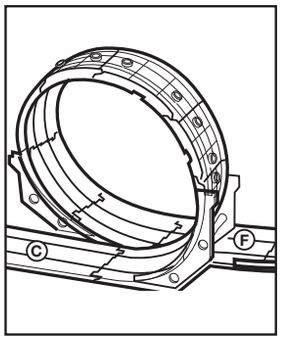
II. DETAILED TRACK ASSEMBLY

a. Refer to the Assembly Map for detailed track assembly. Start with the Terminal Track Ⓐ and continue adding track pieces until your layout is complete.

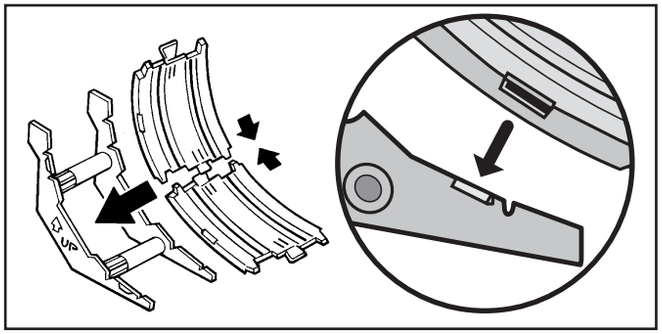
b. Once your layout is assembled, you'll need to add guardrails. Refer to the Assembly Map for placement. To attach a guardrail: gently flex the guardrail before attaching it. Carefully attach the bottom of the guardrail first. Then pull up and snap into place. Don't force guardrails into place.







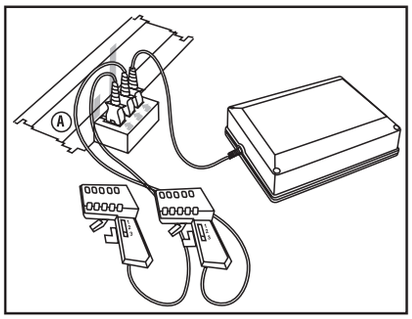
c. Assemble 8 (T) Transition Track pieces to form the loop, as shown. Then add 1 "F" and "C" track piece to each end of the loop, as shown.

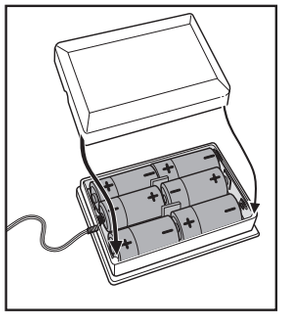


d. The loop is supported by 2 cradles. To attach the cradles, first make sure the arrow molded into the cradle is pointing upward. Then attach the cradles to the assembled loop section as shown.

III. BATTERY PACK / HAND CONTROLLER ASSEMBLY

Requires 6 x 1.5V "D" size (LR20) batteries (not included). Install 6 x 1.5V "D" size (LR20) alkaline batteries as shown.





USE ALKALINE BATTERIES ONLY.

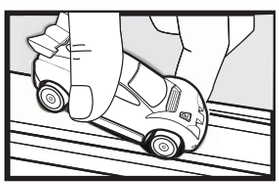
Battery Performance Note: For best performance use alkaline batteries (where disposable batteries are called for). Replace batteries when vehicle motion becomes too slow. If your product is supplied with standard (carbon-zinc) batteries for initial use and/or demonstration purposes, we recommend replacing them with alkaline batteries when necessary. Battery life may vary depending on battery brand.

Always unplug your Battery Pack when not in use!

a. The cables for the Battery Pack and the hand controllers have color-coded plugs to help you make your connections properly. First, plug the red plug into the red receptacle on the terminal track. Next, plug the yellow hand controllers into the yellow receptacles on the terminal track.

b. To test track and power connections, hold a car on the track with its metal contacts touching the metal track rails. Gently hold the front end of the car down while lifting the vehicle as shown (do not lift the vehicle by its rear tires). Squeeze the hand controller: the car's rear tires should spin. If they don't, there's a connection problem. Carefully check the track and power connections.

c. Your hand controller is your car's "throttle." The more you squeeze the trigger the faster your car will go. Practice at a slow speed for a few laps, until you're ready to race!



SPECIAL NOTE TO ADULTS:

- Always make sure your Race Set is unplugged before assembling or disassembling track. Always unplug Battery Pack when not in use. Regularly examine for damage to the cord, plug, enclosure and other parts.
- In the event of any damage, this toy must not be used with the battery pack until the damage has been repaired.
- Do not connect to more than the recommended number of Battery Packs.
- If this toy is being operated in the presence of children under 5 years old, adult supervision is recommended.
- This toy is not intended for children under 3 years old. The toy must be used only with the supplied battery pack.
- Disconnect from the battery pack before cleaning.

CONGRATULATIONS!

You're ready to race. For "pro" competition, please read the following driving tips and maintenance hints.

DRIVING TIPS

Here are some "inside" racing tips…for top performance!

1. Always race on a clean, hard, flat surface. For best racing performance, we don't recommend carpeting.

2. Clean track is IMPORTANT for best performance! Please refer to the Maintenance section for detailed instructions for cleaning the track.

3. Races are won in the curves! Slow down going into the curves… then speed up coming out of them. Accelerate to build up speed for loops and jumps.

4. Anyone can be a "pro" racer – the secret is practice! Remember to "break in" your new cars with a few "qualifying" laps. Cars always run better after they've "warmed up."

5. Experienced racers know that regular maintenance is the key to top racing performance. Read and follow the easy steps in Maintenance section.

6. If you have questions or difficulty operating your Race Set, check the Troubleshooting Chart first. Usually a quick "pit stop" will get you racing again!

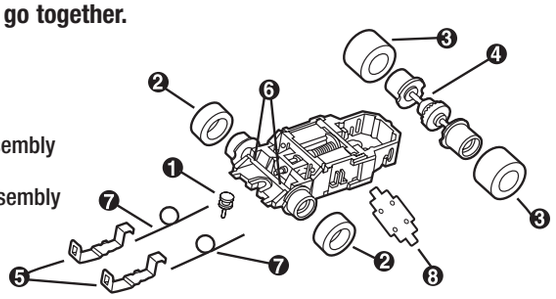
MAINTENANCE:

ADULTS NOTE: All "pro" racers know that their vehicles need maintenance from time to time…for best performance. Follow these simple steps to keep your car running at its best!

A. CHASSIS PARTS

This diagram will help you understand the parts of your vehicle, and how they go together.

❶ Guide Pin
❷ Front Tires
❸ Rear Tires
❹ Rear Axle Assembly
❺ Contacts
❻ Front Axle Assembly
❼ Springs
❽ Heat Shield



B. TRACK CLEANING

Clean track is IMPORTANT for best performance!

1. Dirty track may cause your vehicle to stall. Usually you can get it going again by pressing the hand controller trigger about halfway down while you give the vehicle a slight push from behind. After 3-4 laps your vehicle will run properly.
2. Sometimes oxidation may form on the track rails, and this may cause your car to stall. If this happens, you'll have to remove the oxidation. Using the supplied sandpaper, GENTLY rub the track rails. Don't rub hard – rails are clean when they're shiny. After cleaning, wipe the track with a soft, clean, lint-free cloth to remove any residue (don't use tissue or paper towels).

   NEVER use steel wool to clean your track: severe damage can result if a fiber of steel wool is picked up by the magnets in your car's motor. Use only very fine sandpaper for cleaning.

3. Sometimes debris can accumulate in the track slots. If this happens, use a toothpick to clear the debris from the slots.

C. VEHICLE CLEANING

1. CLEANING TIRES

Dirty tires can cause your car to lose traction and spin. To clean the tires, place a piece of adhesive tape on a hard, flat surface, with the sticky side facing up. Roll the rear tires across the tape until they're clean.

2. CLEANING AXLE

Lint may collect around your car's axles: this may cause the car to run slowly. Use tweezers or a toothpick to remove lint as shown.

D. ALIGNMENT

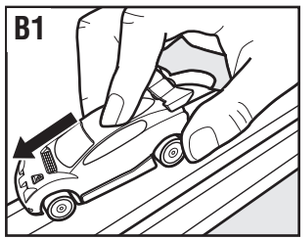
1. AXLE ALIGNMENT

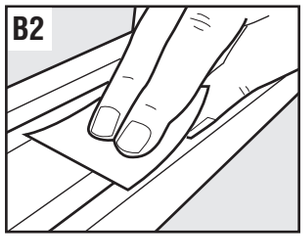
Your car's axle assembly may become "dislocated" from the chassis as a result of a sudden impact. To realign it, snap the assembly back into the chassis.

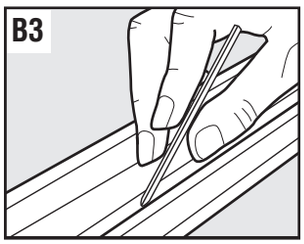
DO NOT use any type of tool to snap the chassis back in place. Use only your fingers.

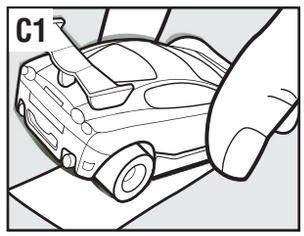
2. CHASSIS ALIGNMENT

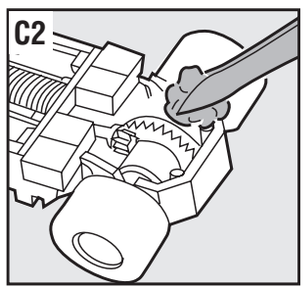
Occasionally check the position of the car's body to make sure it is properly aligned and not rubbing against the tires. If necessary, carefully snap chassis back onto the body tabs, as shown.

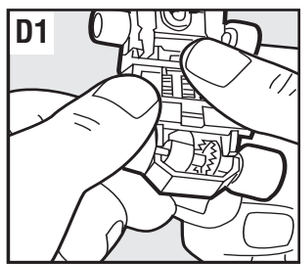


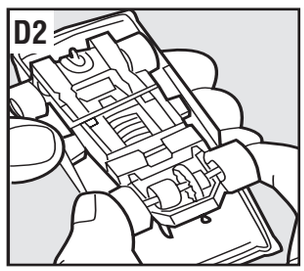












E. CONTACTS

1. CLEANING CONTACTS

Regularly clean your car's contacts to remove oxidation. Using a pencil eraser, as shown, carefully scrub the contacts. Do not apply too much pressure, or you may bend contacts.

DO NOT USE STEEL WOOL.

Worn-out contacts can be replaced.

2. CONTACT REPLACEMENT

Your vehicle's contacts should last a minimum of 8-10 total hours of racing, with regular cleaning. You may need to replace the contacts if they become overly worn or bent…or if they become dislodged after an impact.

The best way to replace contacts is one at a time, using the remaining contact assembly as a guide. Be careful not to bend the contacts out of shape (especially wide slotted end).

a. Hold chassis bottom side up. Hold the spring as shown (with your thumb on one side of the chassis and your forefinger on the other). You'll need to hold the spring securely throughout the assembly process.

b. Hook the narrow end of the contact under the motor shaft. Hook the curved side tab of the contact over the spring; the spring will be held in place by the curved tab. Place the wide (slotted) end of the contact into place, with the chassis tab through the slot. Making sure not to over bend the contact slot.

c. Still holding the spring securely, turn the chassis over. You may need to press the top of the contact into place with the tip of a pencil. When properly installed, the contact will spring back when pushed.

F. HEAT SHIELD

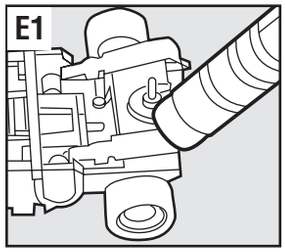
1. INSTALLATION

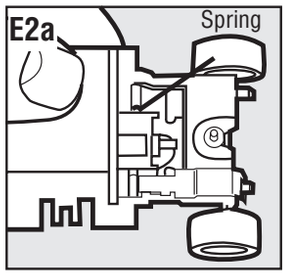
The heat shield is an important component, and it must be correctly installed for proper vehicle operation. Make sure the side tabs of the heat shield are properly inserted in the chassis slots, as shown. If the heat shield is not correctly installed, it may interfere with vehicle movement.

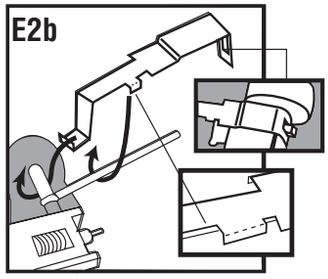
2. CLEANING

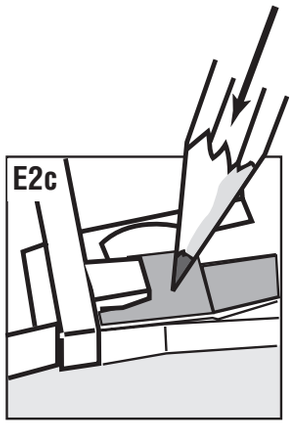
Occasionally dust and debris may build up under the vehicle's heat shield, interfering with operation. To check for this problem, stop racing and let the vehicle sit for 5 minutes. Remove the heat shield and gently blow out any dust. Reinstall the heat shield as described above.

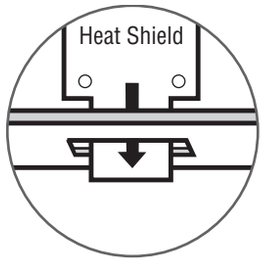
Don't operate any vehicle without a heat shield. If the heat shield is lost, or can't be installed properly, please contact Customer Service at the toll-free number shown in this manual.

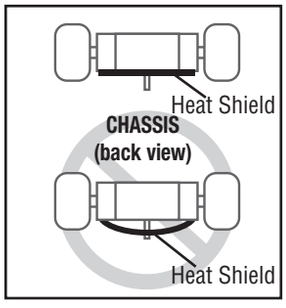












Battery Safety Information

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 (if designed to be removable).
- Rechargeable batteries are only to be charged under adult supervision (if designed to be removable).
- 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.

IV. CONSUMER INFORMATION

Note to Adults: To ensure that the child's play is both safe and fun, please review all operating instructions and safety rules with your child.

Safety Tips

- NEVER drive your vehicle on streets! They're for real cars!
- DO NOT pick up the vehicle while in motion.
- Keep fingers, hair and loose clothing away from the tires and the wheel hubs while the vehicle is switched ON.
- Adult supervision is recommended when this vehicle is being operated.
- To avoid accidental operation, remove all batteries when not in use.



Protect the environment by not disposing of this product with household waste (2002/96/EC) . Check your local authority for recycling advice and facilities.

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TROUBLESHOOTING GUIDE

If you have questions or difficulty operating your Race Set –
the cause is often a simple problem. And there's often a simple fix. Usually a quick "pit stop" will get you racing again. Please check below, and then turn to the Maintenance section of the Instruction Manual for detailed information.



If your vehicle stops…

- You may need to clean the track. *Please see Maintenance section: Track Cleaning.*
- You may need to clean the vehicle. *Please see Maintenance section: Vehicle Cleaning.*
- Check power connections. *Please see Battery Pack section.*
- Check your vehicle's alignment. *Please see Maintenance section: Alignment.*
- Check your vehicle's contacts. *Please see Maintenance section: Contacts.*
- Check to make sure track sections are properly connected. *Please see Basic Track Assembly section.*
- Check your vehicle's heat shield. *Please see Maintenance section: Heat Shield.*



If your vehicle runs slowly or hesitates…

- You may need to clean the track. *Please see Maintenance section: Track Cleaning.*
- You may need to clean the vehicle. *Please see Maintenance section: Vehicle Cleaning.*
- Check your vehicle's alignment. *Please see Maintenance section: Alignment.*
- Check your vehicle's contacts. *Please see Maintenance section: Contacts.*
- Check to make sure track sections are properly connected. *Please see Basic Track Assembly section.*
- Check your vehicle's batteries. *Check battery connector and replace with fresh alkaline batteries.*



If your vehicle spins out or flies off the track…

- You may need to clean the vehicle. *Please see Maintenance section: Vehicle Cleaning.*
- Check your vehicle's alignment. *Please see Maintenance section: Alignment.*
- Check to make sure track sections are properly connected. *Please see Basic Track Assembly section.*
- Check your vehicle's heat shield. *Please see Maintenance section: Heat Shield.*
- Check your vehicle for a missing guide pin. *Please see Maintenance section: Chassis Parts.*



If your vehicle runs in one lane, but not the other…

- You may need to clean the track. *Please see Maintenance section: Track Cleaning.*
- You may need to clean the vehicle. *Please see Maintenance section: Vehicle Cleaning.*
- Check power connections. *Please see Battery Pack section.*
- Check your vehicle's alignment. *Please see Maintenance section: Alignment.*
- Check your vehicle's contacts. *Please see Maintenance section: Contacts.*
- Check to make sure track sections are properly connected. *Please see Basic Track Assembly section.*
- Check your vehicle's heat shield. *Please see Maintenance section: Heat Shield.*



If your vehicle runs backwards…

- Your vehicle's rear axle assembly may be installed backwards. *Please see Maintenance section: Chassis Parts. Remove the rear axle assembly, reverse it and reinstall.*

IF YOU STILL HAVE PROBLEMS –

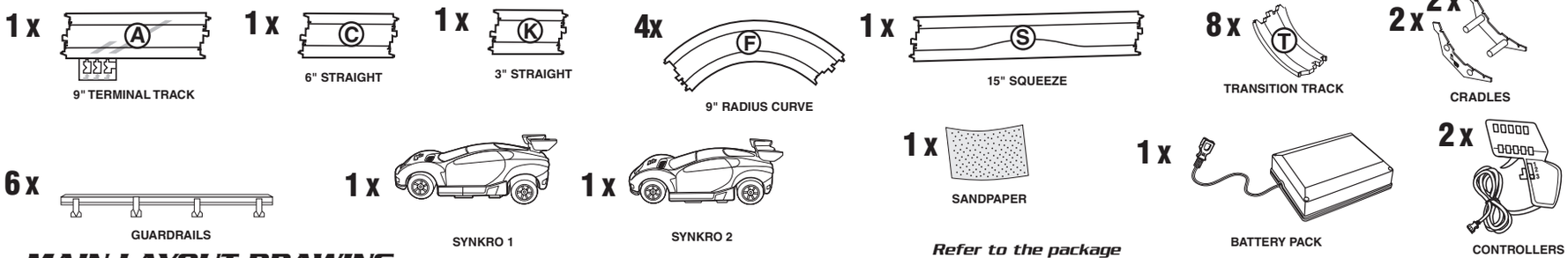
OR IF ANY PARTS ARE MISSING OR DAMAGED – DON'T RETURN YOUR RACE SET TO THE STORE!
CALL OUR RACING SUPPORT TEAM TOLL-FREE AT 1-888-557-8926 FOR HELP.

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ASSEMBLY MAP

This page shows the contents list and large-scale Layout Drawings of the fully-assembled track (tracks are not drawn to scale). You'll need to refer to it as you assemble your race set. Refer to the Instruction Sheet for detailed step-by-step instructions for setting up and using your race set.

CONTENTS LIST

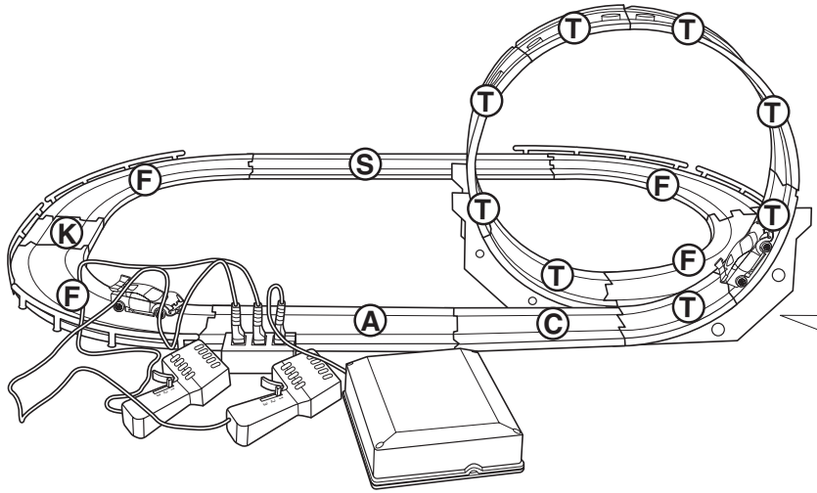


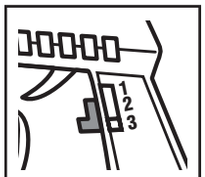
Refer to the package for color photographs of the assembled layouts.

IF ANY PARTS ARE MISSING OR DAMAGED - DON'T RETURN YOUR RACE SET TO THE STORE! CALL OUR RACING SUPPORT TEAM TOLL - FREE AT 1-888-557-8926 FOR HELP.

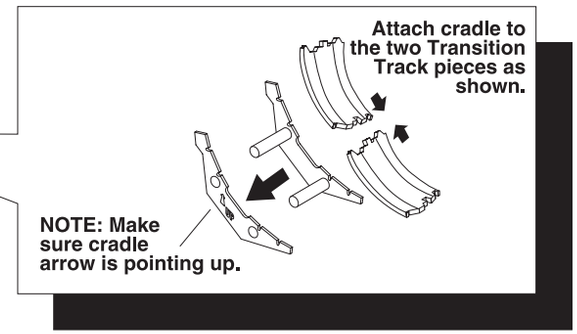
MAIN LAYOUT DRAWING

Use a guardrail on the outside of the curves.





1 = Beginner
2 = Average player
3 = Skilled player





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