

GETTING STARTED

CAUTION-ELECTRIC TOY

NOT RECOMMENDED FOR CHILDREN UNDER 8 YEARS OF AGE
AS WITH ALL ELECTRIC PRODUCTS, PRECAUTIONS SHOULD BE
OBSERVED DURING HANDLING AND USE TO PREVENT ELECTRIC SHOCK

PARENTS PLEASE NOTE: IT IS RECOMMENDED THAT THIS TOY BE
PERIODICALLY EXAMINED FOR ANY FAULTS AND SHOULD NOT BE
USED UNTIL REPAIRS ARE MADE.

POWER PACK RATING: INPUT: 120VAC, 60Hz, 450mA
OUTPUT: 22.0VDC, 1A, 22.0VA; 12.0VDC, 1A, 12.0VA; 8.0VDC, 1A, 8.0VA

IMPORTANT!!

- Always clean the track before you start racing. Use an eraser or coin to clean the track rails, then a clean, dry cloth to wipe away residue.
- Blow out any material that may have fallen into the slots.



Track



Dry Cloth



Track Rails Coin

NEVER use Steel Wool to clean the track.

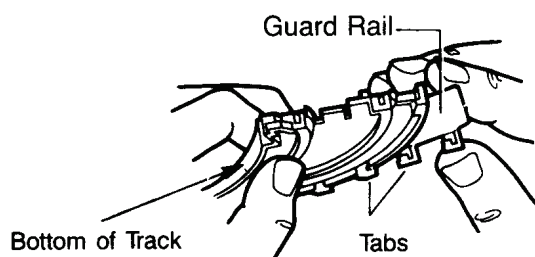
GO TO AFXRACING.COM FOR ADDITIONAL TIPS AND VIDEO INSTRUCTION

- 1 Choose a layout from the Instruction Sheet.

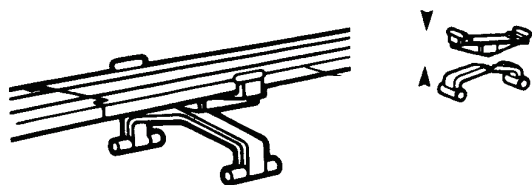
- 2 Assemble track pieces on a flat, clean surface, preferably not on carpet.



- 3 Attach a guardrail to each curve section.

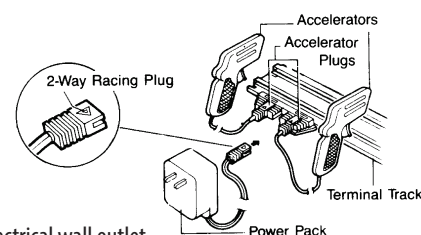


- 4 Snap the bridge supports together and attach to track as needed.



- 5 The 2-Way Racing Plug allows you to change direction of travel.

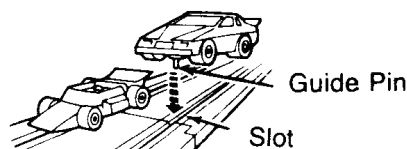
- 6 Slide the controller plugs and 2-Way Racing Plug into terminal track as shown.



Plug power pack into an electrical wall outlet.

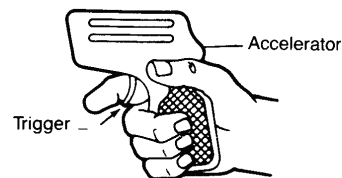
If power cord is damaged in any way, **it must be repaired or replaced** by the manufacturer or a similar qualified person to avoid a hazard.

- 7 Place cars on track. Make sure guide pin fits into slot.



Operate only 1 car per lane!

- 8 Squeeze trigger to make cars go faster. Release trigger to stop the car.



NOTE: Occasionally, preservative will cause the controller to emit a little smoke when used the first few times.
This is normal and goes away after several minutes.

- 9 Always disconnect the power pack when not in use. Never pull on wires, only pull on the plug.

PERFORMING A TUNE-UP

To keep your car running its best, here's the mechanic's guide to AFX tune-ups. A Tune-up Kit is included in your set.

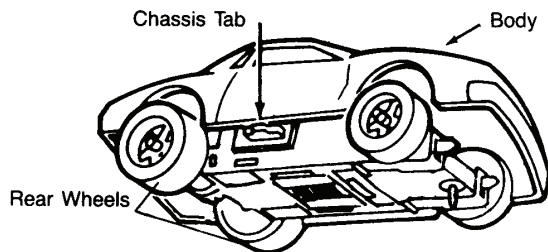
The **AFX Tune-up Kit**, which includes all the parts you need for a complete tune-up, is sold separately.

TIP: Before you begin, place a piece of white paper under your work area to make pieces easier to find.

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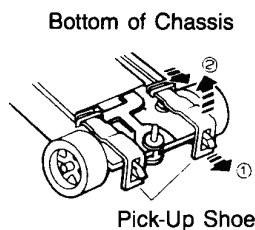
1 Removing Body

- Hold rear wheels. Pull out on one side of body until it clears the chassis, tab, then remove body.



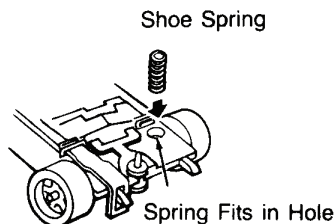
2 Replacing Pick-up Shoes

- Carefully pull pick-up shoe forward
- Lift shoe and remove
- Replace with new shoe



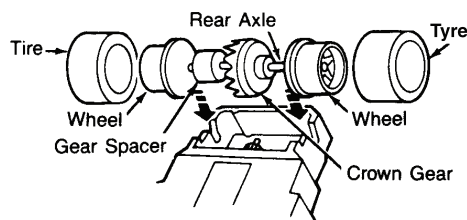
3 Replacing Shoe Springs

- After removing pick-up shoes (see "Replacing Pick-up Shoes" above), replace springs as shown



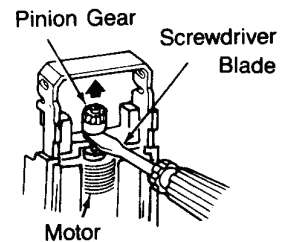
4 Replacing Rear Axle Assembly

- The rear axle comes assembled with gear spacer and crown gear in place. Simply snap rear axle assembly in as shown, then slide tires onto wheel.



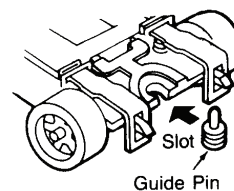
5 Replacing Pinion Gear

- **NOTE:** Rear axle must first be removed before replacing pinion gear (See section #4, "Replacing Rear Axle Assembly" for instructions).
- Insert small screwdriver blade as shown and push pion gear rearward to remove.
- Slide new pinion gear onto motor. Push into place.



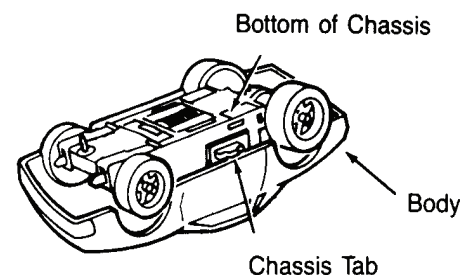
6 Replacing Guide Pin

- Simply push the guide pin out of slot and replace with new guide Pin.



7 Replacing Body

- Slide one end of chassis tab into body then snap other side into place.



TROUBLE SHOOTING

GO TO AFXRACING.COM FOR ADDITIONAL TIPS AND VIDEO INSTRUCTION

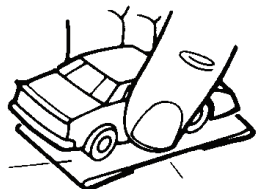
PROBLEM

SOLUTION

| | Clean Tires | Clean Track, Rails | Replace Rear Axle Assembly | Check Track Connections | Clean Axles, Gears | Clean/Replace Pick-up Shoes | Realign Chassis | Need More Break-in Time (~1 Hour) |
|--------------------------------|-------------|--------------------|----------------------------|-------------------------|--------------------|-----------------------------|-----------------|-----------------------------------|
| CARS WON'T RUN | | X | X | X | | X | X | |
| CARS HESITATE | | X | | X | X | X | | |
| CARS SQUEAK, MAKE NOISE | | | X | | | | X | |
| CARS RUN SLOWLY | | X | X | | | X | X | X |
| EXCESSIVE SPINOUTS | X | X | | | | | | |

1 Clean Tires

- Place a strip of cellphone tape on a table as shown. Roll rear tires across the tape a few times.



2 Clean Track, Rails

- See "IMPORTANT" at top of "GETTING STARTED" section.

3 Replace Rear Axle Assembly

- If the rear wheels rub against the car's chassis, see #4 in the "Performing a Tune-up" section.

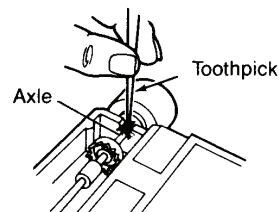
4 Check Track Connections

- Check that all track sections are properly connected.



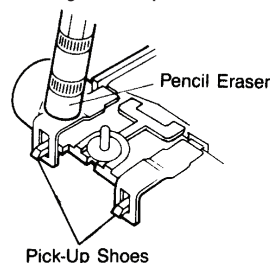
5 Clean Axles / Gears

- Use a toothpick to remove excess lint, dirt and dust from around axles and gears.



6 Clean / Replace Pick-up Shoes

- Regularly clean pick-up shoes by carefully rubbing with a clean pencil eraser or the track pad provided. After excessive wear, see #2 in the "Performing a Tune-up" section and replace shoes.



7 Realign Chassis

- Hold car upside down and center the chassis until it snaps back into position and tires no longer rub on body.

