

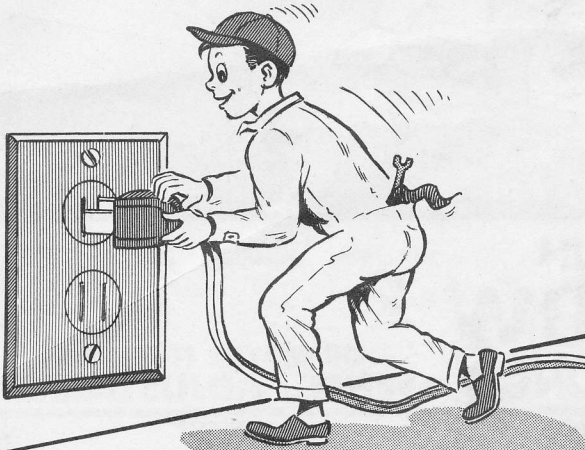
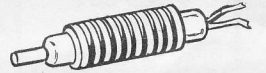
**AURORA**

**MODEL  
MOTORING**

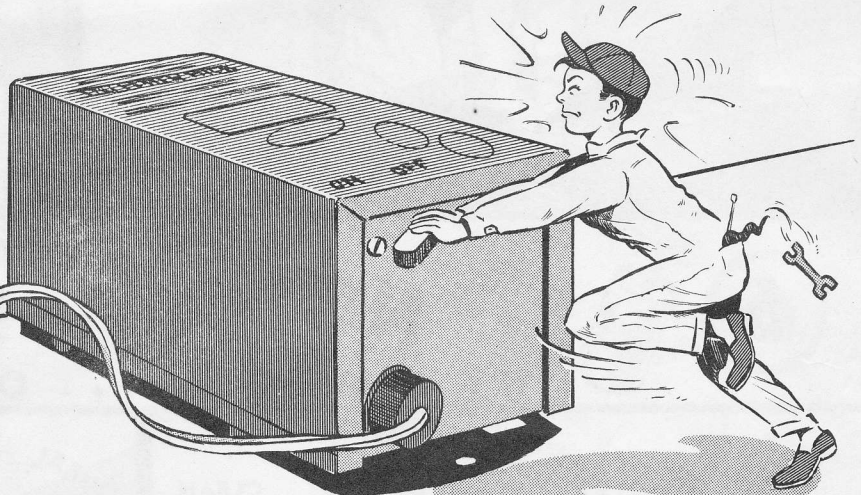
# "TROUBLE SHOOTING" HINTS

**1**

DO BOTH CARS FAIL TO START AT FULL SPEED ON CONTROL DIAL  
of "REVERSING" TYPE . . . or with FULLY DEPRESSED BUTTON  
on "RACING" TYPE ?



MAKE SURE SWITCH IS ON.  
CHECK PLUG IN 110 V AC  
OUTLET.



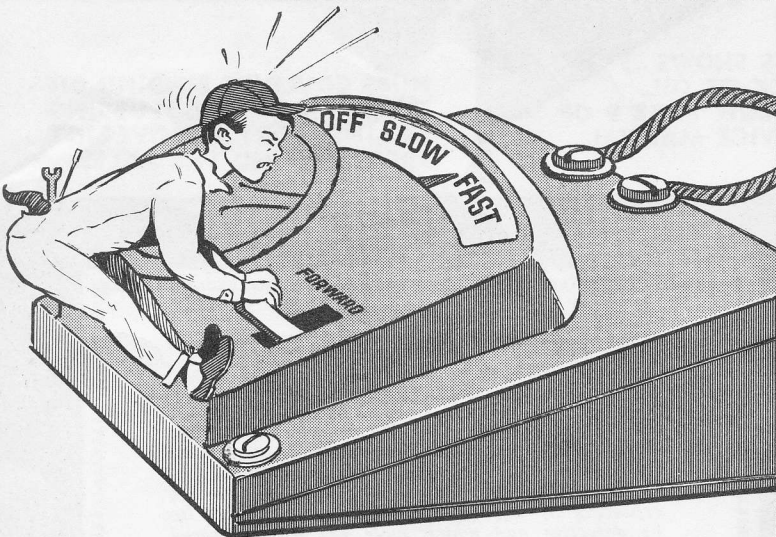
ARE YOU SURE 110 V OUTLET HAS POWER?  
CHECK WITH TABLE LAMP.

**2**

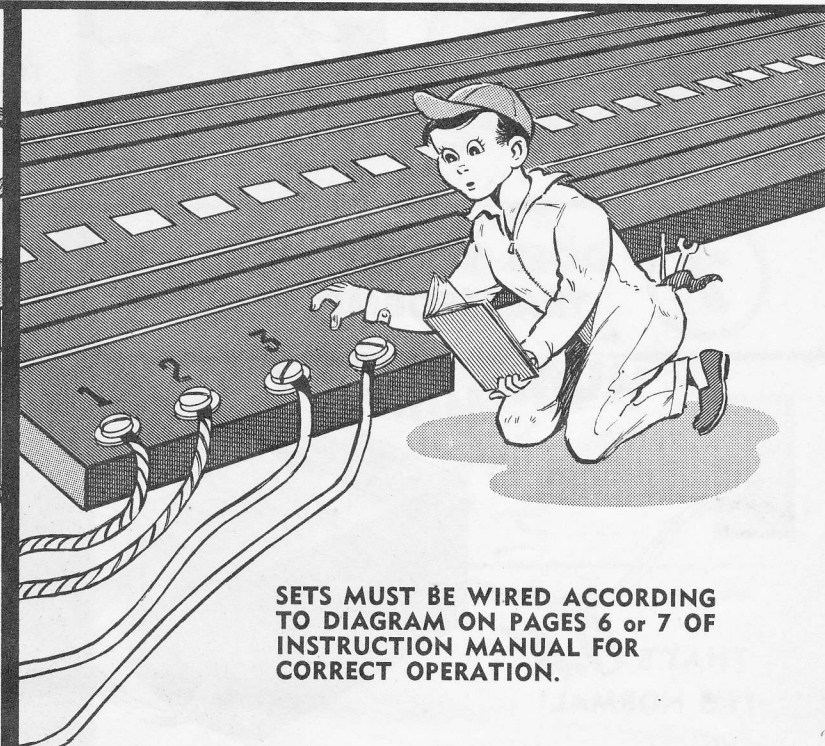
HAVE YOU CHECKED  
YOUR SPEED CONTROL  
SWITCH POSITION ?

**3**

IS THE WIRING CORRECT ?



SPEED CONTROL SWITCH MUST BE IN FULL  
FORWARD or REVERSE POSITION. BE SURE  
THAT YOU STRIPPED ENOUGH INSULATION  
FROM THE WIRE. ALL SCREWS MUST BE TIGHT.



SETS MUST BE WIRED ACCORDING  
TO DIAGRAM ON PAGES 6 or 7 OF  
INSTRUCTION MANUAL FOR  
CORRECT OPERATION.



4

IS A SECTION OF TRACK DEAD ?



INSPECT TRACK THOROUGHLY!

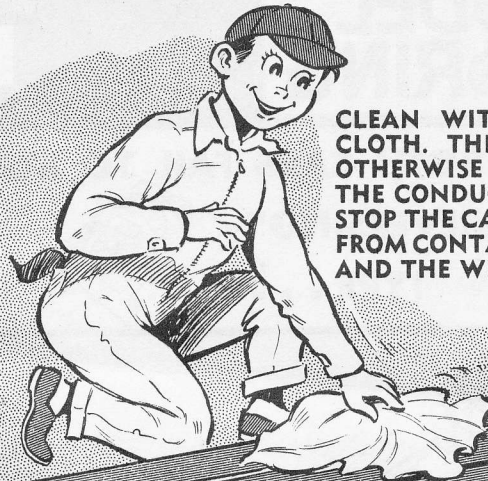
MAKE SURE THAT ALL "U" LOCKS ARE FULLY INSERTED.



HAVE THE TRACK RAIL CONTACTS BEEN OVER-BENT?

5

ROADWAYS MUST BE FREE OF DIRT and LINT



CLEAN WITH A LINT-FREE CLOTH. THIS IS IMPORTANT! OTHERWISE THE DIRT ON THE CONDUCTOR RAILS WILL STOP THE CARS PICKUP SHOES FROM CONTACTING THE RAIL, AND THE WILL NOT RUN.

6

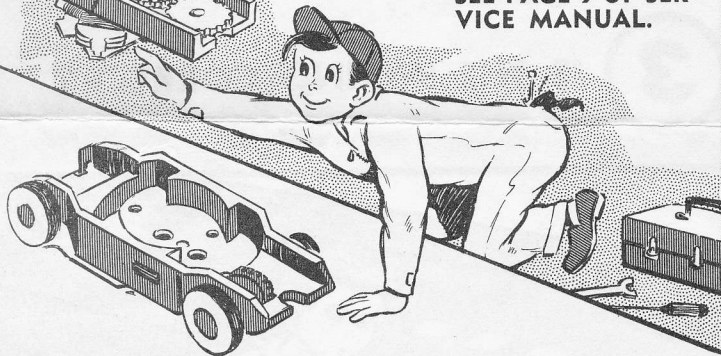


DOES THE CAR RUN NOISY or SLOW ?

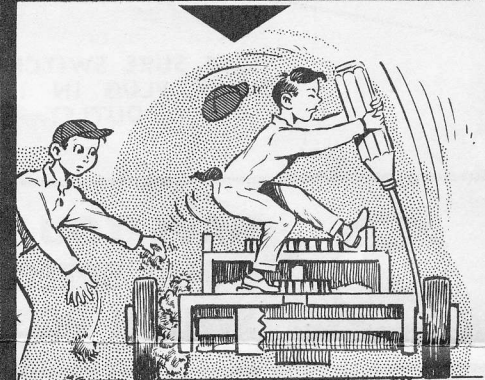


TRY CLEANING . . . . . OR OILING .. WHEEL ADJUSTMENT

REMOVE TOP PLATE OF CAR ... CLEAN COMMUTATOR, REMOVE ALL DUST, LINT OR FOREIGN MATTER . . . . AND REOIL. CAUTION: DO NOT OVER-OIL. SEE PAGE 9 OF SERVICE MANUAL.



THIS SHOWS LACK OF OIL. FOLLOW PAGE 9 OF SERVICE MANUAL.



HUBS COULD BE BINDING ON CHASSIS OR TIRES RUBBING AGAINST BODY. REMOVE LINT FROM AROUND THE AXLES.

7

DOES YOUR TRANSFORMER . . .

HUM-M-M-M ?



THAT'S O.K. -IT'S NORMAL!

AURORA PLASTICS CORP. MODEL MOTORING FACTORY GUARANTEE

"Model Motoring" sets are guaranteed against any defects due to faulty material or workmanship for 30 days from date of purchase. Our obligation under this guarantee is limited to the replacing of any part or parts which prove to be defective and which have not been misused or carelessly handled.

DO NOT RETURN COMPLETE SET - RETURN ONLY THE DEFECTIVE PART TO FACTORY

# AFX

## AURORA

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44 Cherry Valley Road  
West Hempstead, N.Y. 11552

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4-138

### AURORA AFX MODEL MOTORING

Collect and drive the entire series of AURORA AFX — the world's best selling electric HO racers.

1900: Dodge Charger Daytona	1913: '55 Chevy Bel Air
1901: Camaro Z-28 "Trans-Am"	1914: "Baja Bug" VW
1902: Porsche 917	1915: Porsche 510K "Can-Am"
1903: '57 Chevy "Nomad"	1916: Matador Stock Car
1904: Plymouth Road Runner	1919: Datsun Baja Pickup
1905: Ferrari 512M	1920: '29 Model "A" Woodie
1906: Javelin AMX "Trans-Am"	1921: Porsche 917-10 "Can-Am"
1907: Lola T-260 "Can-Am"	1922: Dodge Street Van
1908: Shadow "Can-Am"	1923: Roarin' Rolls "Golden Ghost"
1909: Ford "Baja Bronco"	1924: Peace Tank
1910: Dodge Charger Stock Car	1925: '31 Model "A" Ford Panel
1911: Bre-Datsun 240Z	1926: Grand-Am
1912: Bre-Datsun 510 "Trans-Am"	1927: Corvette
	1928: Model "A" 1930 Ford Coupe
	1929: Chevelle Stocker

1973: Porsche 917 Lighted Car  
1974: Ferrari 512M Lighted Car

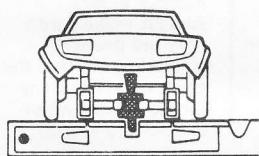
AURORA AFX FEATURING MAGNATRACTION sets new standards for styling, design and performance in electric HO model motoring.

Unmatched realism and authentic body detailing. Breathtaking speed. Unbelievable control. High-performance cars that can't be touched by anything in sight.

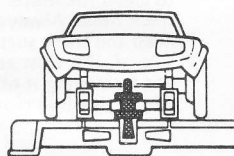
All with the exclusive AFX self-lubricating Nylatron chassis and a low, road-hugging center of gravity. Plus AFX super-fat sponge race tires, spring-balanced pick-up shoes and a reversible deep slot guide pin that makes for faster-than-ever cornering, better control and handling—lap after lap.

### AFX REVERSIBLE GUIDE PINS

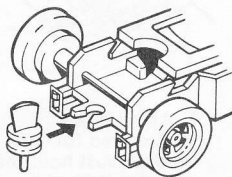
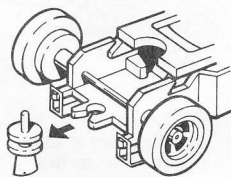
AFX cars come with AFX Reversible Guide Pins for every racing condition. The Blade side provides an extra handling edge on AFX Speed-Lok High-Performance extra-deep-slot track. (For old style Aurora HO track, simply reverse it and use the pin side).



PIN FOR CONVENTIONAL HO TRACK

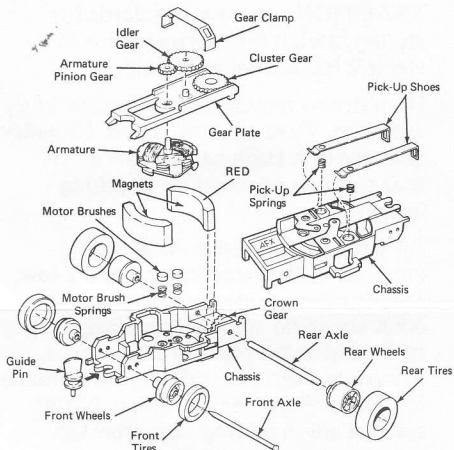


DEEP-SLOT BLADE FOR AFX SPEED-LOK HIGH-PERFORMANCE TRACK

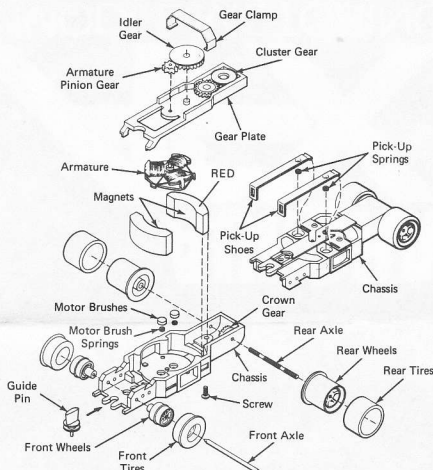


To change the AFX guide pin, simply snap it out of the chassis slot, reverse it and snap it back into place.

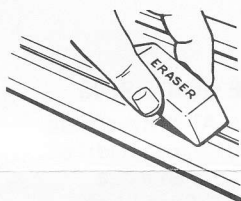
## AFX CAR FEATURING MAGNA-TRACTION



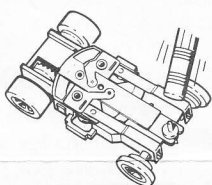
## SPECIALTY AFX CAR FEATURING MAGNA-TRACTION



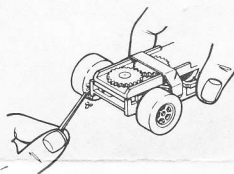
### 4 SIMPLE STEPS FOR TOP AFX PERFORMANCE



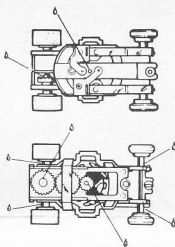
**1. CLEAN TRACK**  
Clean track is a "must" for your AFX cars to perform properly. Use an eraser to clean the metal track rails. Always keep the track surface free of dirt, dust and lint by wiping it off with a lint-free cloth.



**2. CLEAN PICK-UP SHOES**  
For top racing performance, clean pick-up shoes regularly with a pencil eraser. Always make sure they are properly aligned to contact the track rails, (Replace pick-up shoes when excessively worn.)

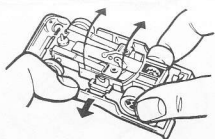


**3. CLEAN AXLES**  
Dirt, lint, carpet, hair, dust, etc. . . on the axles will slow down your AFX car. Use a toothpick or fine tweezers to remove this from the axles.

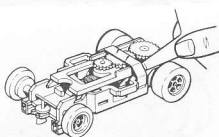


**4. PROPER LUBRICATION**  
Aurora's Model Motoring Special Racing Oil is formulated to help your AFX car run better, faster and smoother. Apply oil sparingly to specific oiling points.

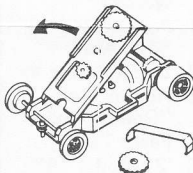
### AFX CAR MAINTENANCE TIPS



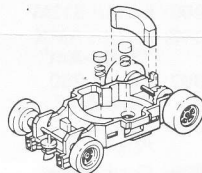
**A. AFX bodies** are designed for easy removal. Just hold the rear wheels firmly, pull one side of the body slightly until it clears the side chassis bar—and snap the body off.



**B. Taking an AFX chassis apart** is easy if you refer to the exploded view drawings. First, remove the gear clamp by prying it off with a small screwdriver or AFX quikee lock tool.



**C. Now lift the gear plate** and the armature from the chassis. Note how the gear plate snaps into place at the front of the chassis.



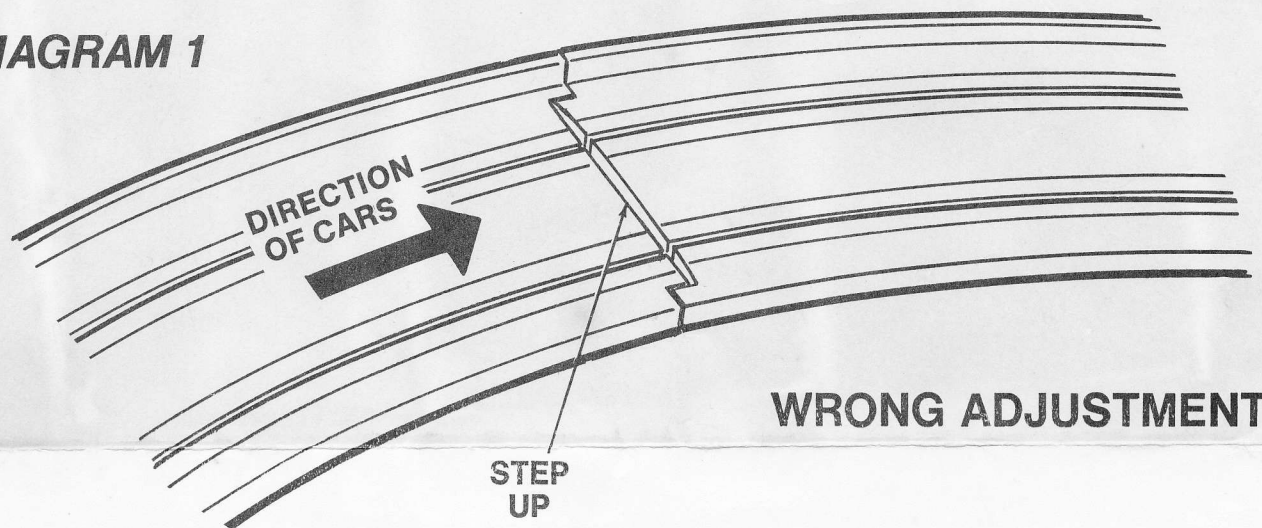
**D. Remove the magnets, commutator brushes and brush springs**, by turning the chassis over. They will drop out. Always replace the magnets in their original position or your car will run backwards.



**\* IMPORTANT \***  
**PLEASE READ CAREFULLY**

When assembling the **Daytona Banked Curve** and **Monza Banked Curve** care should be taken to avoid creating a "STEP" condition between each section of track (see *Diagram 1*)

**DIAGRAM 1**



The sections of track must be adjusted so your cars make the smoothest movement from one section to the next. This will insure greater cornering stability. (see *Diagrams 2 & 3*)

**NOTE DIRECTION OF YOUR CARS WHEN MAKING TRACK ADJUSTMENTS**

