

Instructional Guide For

SUPER SCALE RACING™



MB
Milton Bradley

series
FORMULA 1
1/32 scale

CONTENTS

TRACK LAYOUT	2
SPECIAL TRACK SECTIONS	4
DRIVING ON THE SUPER SCALE TRACK	4
SMOKING START TRACK	5
TROUBLE SHOOTING	6
TRACK CONFIGURATIONS	7
TOTAL PARTS	11
WARRANTY	12

NOTE TO PARENTS:

Please read these instructions carefully and explain to your children how to safely operate and care for your Super Scale Racing set. Also, you should periodically inspect all components of your Super Scale Racing set (including tracks, cars and power pack) for any damage. If damage is found, your Super Scale Racing set should not be used until repaired. Caution: use only the power pack provided with your Super Scale set.

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.**

INPUT: 120 VAC 50/60 HZ ONLY. OUTPUT: 14 VDC 10W

FORMULA 1 SUPER SCALE RACING™ SET

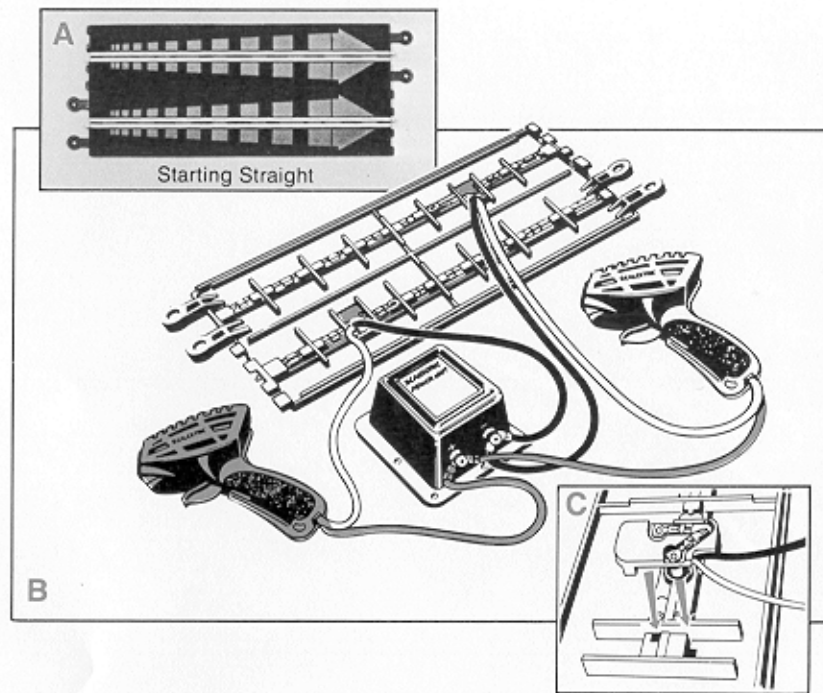
Formula 1 racing—where man and machine are pushed to their limits. Where strategy and timing are all important and where one wrong move can cost you the race. Test your racing skills with the awesome Formula 1 Super Scale Racing set.



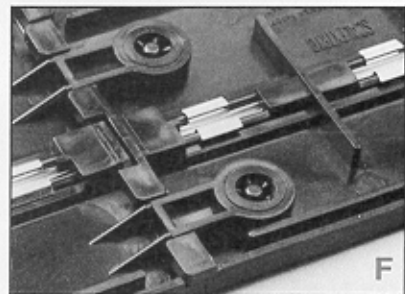
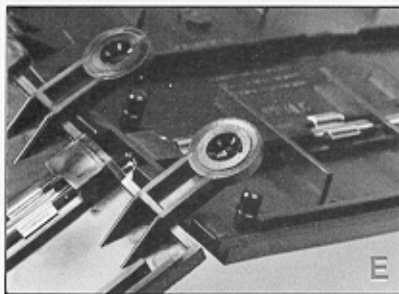
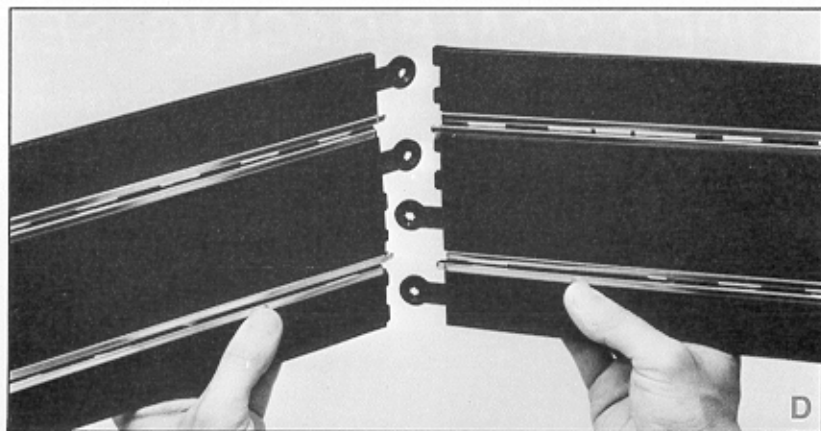
SUPER SCALE RACING EXCLUSIVE! SMOKING START™ TRACK!

Put your cars on the exclusive Rev Start track section—then rev-up and burn out!! Just add a few drops of special smoke oil, as shown in the enclosed directions. No extra electrical connections required.

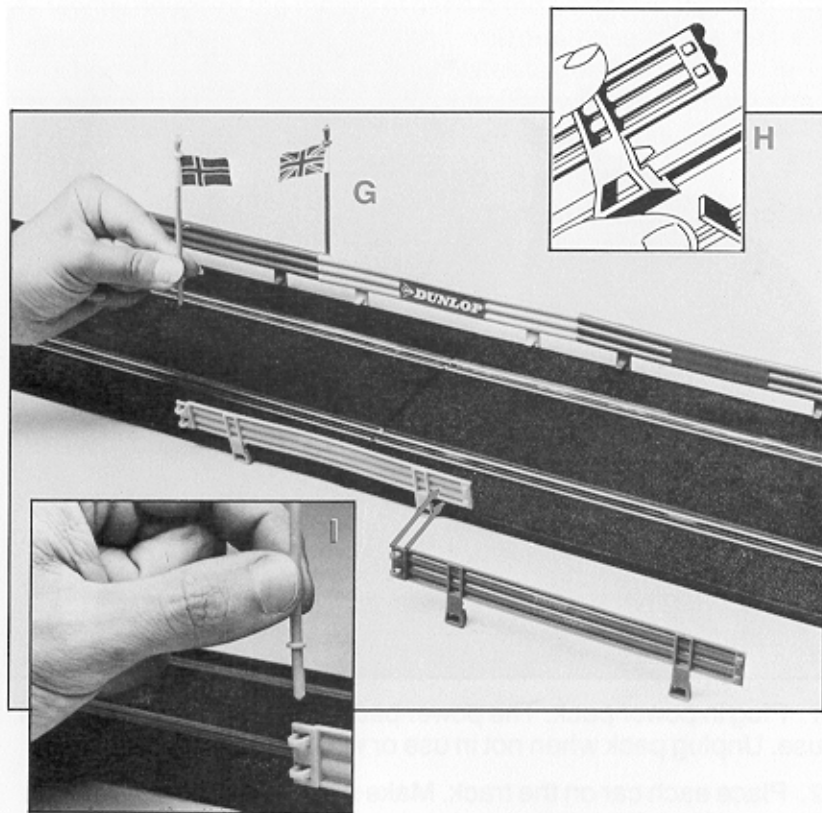
TRACK LAYOUT



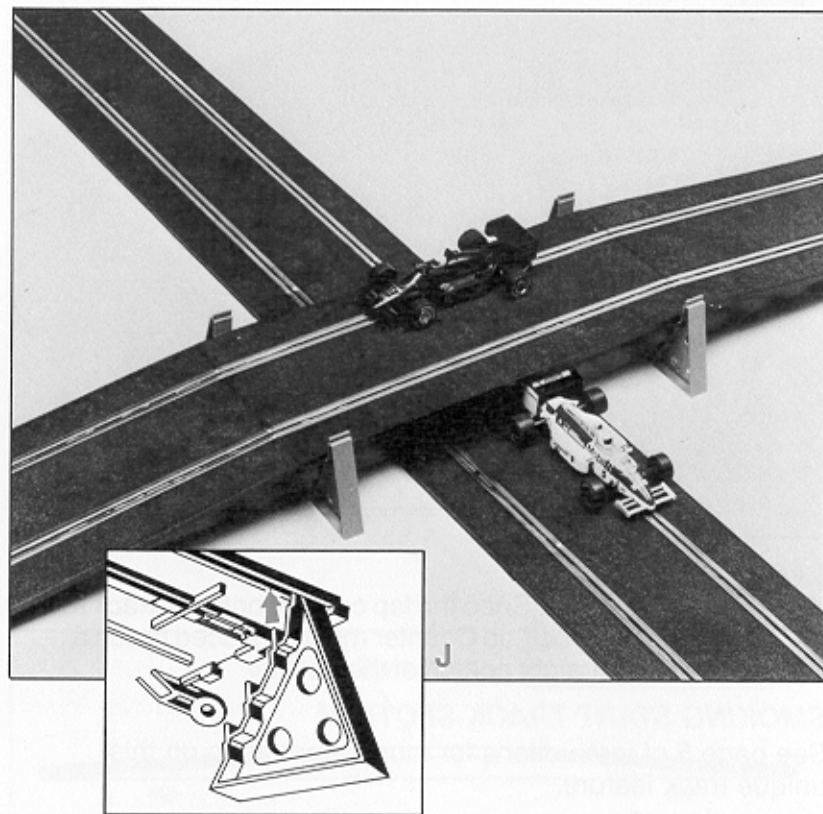
1. The first time you assemble your race track, we recommend building a basic oval shape. (See Track Configurations Section for other layout ideas.) Always assemble track on a clean, flat surface.
2. Begin assembly with the **starting line** section of track shown in Figure A. Turn this section of the track upside down and snap in the two hand controller **terminal plates**, as shown in Figures B and C. (Terminal plates can also be installed on any standard straight section of track.)
3. Connect the red wire from each hand controller to the **positive** terminal (+) on the power pack. Then connect the black wire from each terminal plate to the **negative** terminal (-) on the power pack, as shown in Figure B.



4. Turn the Starting Line track section rightside up—it is now ready for assembly with other track sections.
5. Practice joining a couple of track sections together. Do this by taking 2 pieces of track and making test connections. See Figure D. Track sections snap together as shown in Figures E and F.

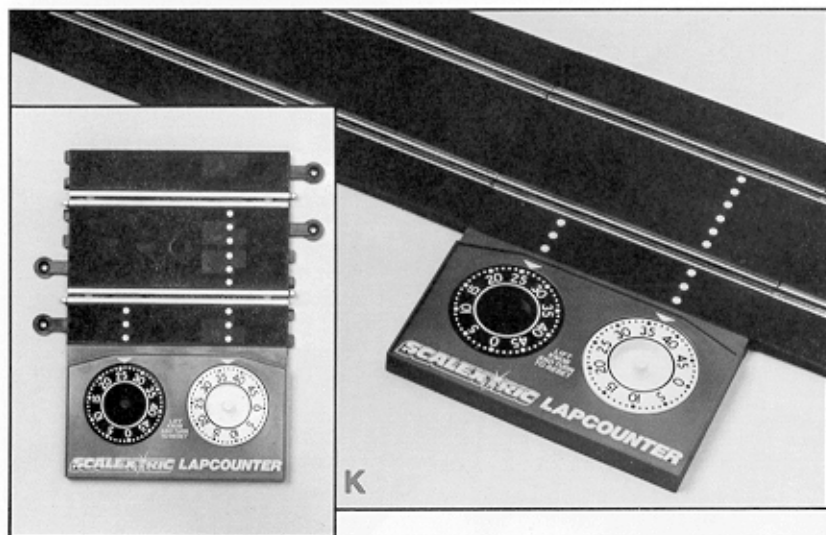


6. After assembling your track layout, attach the **crash barriers** (guard rails) to the outside of the track sections, as shown in Figures G and H. Flag poles fit into crash barriers as shown in Figure I. Self-stick flag labels are enclosed on separate label sheet.



7. When building more complex, cross-over track layouts, position **bridge supports** as shown in Figure J. Adjust track height by placing track on appropriate cross-over step. Make sure you choose a height that allows proper clearance for the cars you are using. See track diagrams elsewhere in this booklet.

SPECIAL TRACK SECTIONS

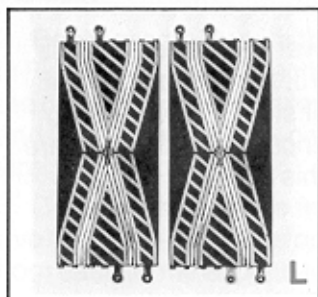


LAP COUNTER

Keep track of every lap! Snap the lap counter onto the track as shown in Figure K. The Lap Counter must be placed flat on a level surface in a straight portion of the track.

SMOKING START TRACK SECTION

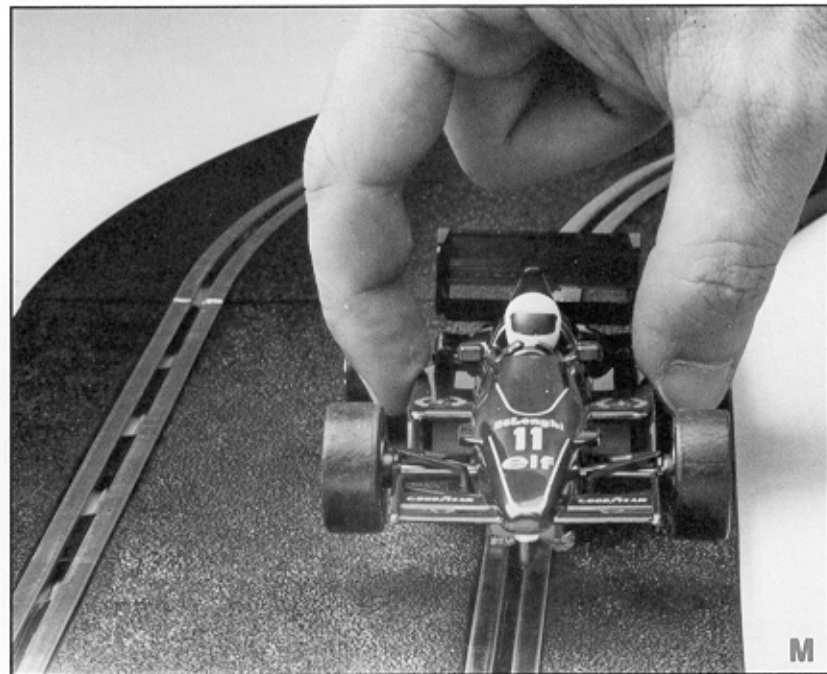
See page 5 of instructions for more information on this unique track feature.



CHANGEOVER TRACK SECTIONS

These 2 track sections allow cars to switch back and fourth between lanes during a race. See Figure L. Make sure the cross-over rails are kept completely flat during operation to prevent possible damage to the car bottom. *Both sections* must be used for the changeover feature to work properly. Sections can be used side-by-side or in different parts of the track.

DRIVING ON THE SUPER SCALE TRACK



1. Plug in power pack. The power pack will get slightly warm with use. Unplug pack when not in use or when adjusting track.
2. Place each car on the track. Make sure plastic guide blade on bottom of car slides into metal slot on track. See Figure M.
3. Check to see that the braided metal pick-ups on the bottom of the car are in contact with the metal rail on the track. (See Car Maintenance section of instructions for more information pertaining to the pick-ups.)

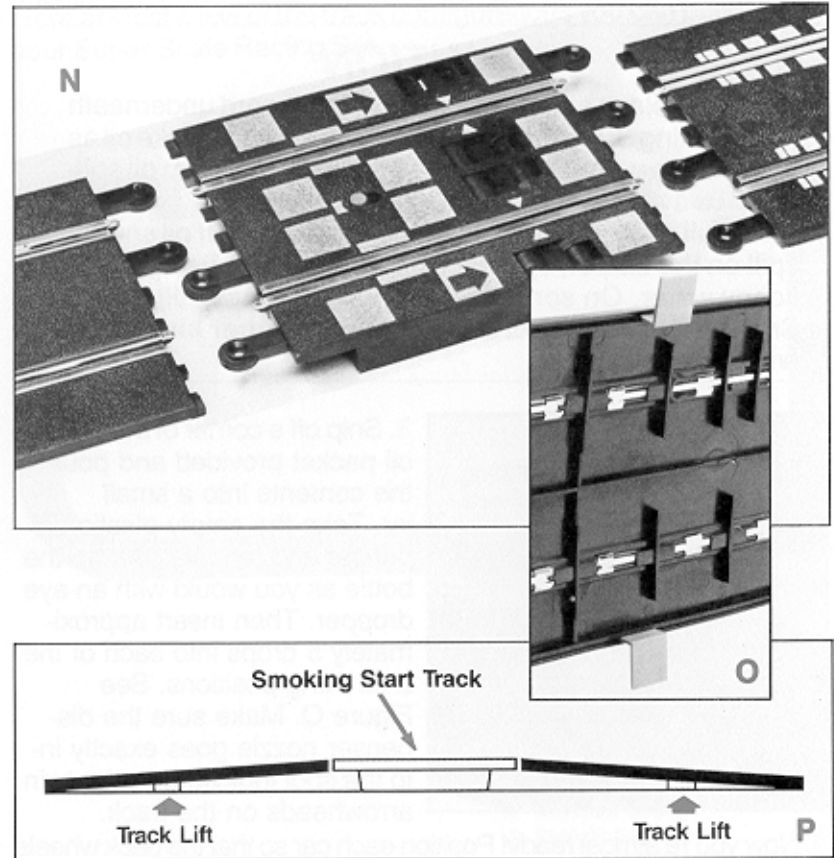
SMOKING START TRACK

4. Gently squeeze the trigger of each hand controller to determine which one controls which lane. You may have to reverse the direction of the cars or the terminal plates to get the cars to go in the direction you want. The hand controllers will get slightly warm in use and may produce a slight smell when new. This should stop after approximately 5 minutes use.

To avoid over-heating of the hand controllers, do *not* hold the trigger at one constant speed for longer than 2 minutes. Be sure to vary the speed as you race.

5. Squeeze trigger on hand controller to increase car speed. Lessen your grip to slow your car and release the trigger completely to stop the car.

6. Drive the vehicle around the entire track to make sure all track connections are working properly. If a vehicle fails to run on a section of track, unplug the power pack and check all track connections.



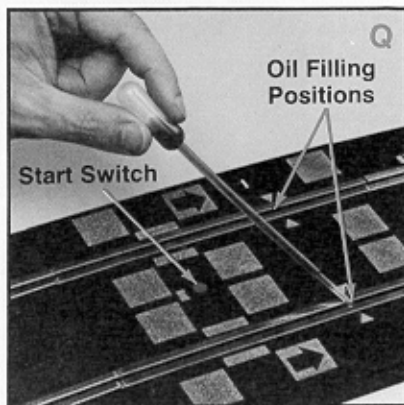
Rev up your cars and "burn out" with the exciting Smoking Start track section. To install and operate the Smoking Start, please follow the directions below:

1. Snap in the Smoking Start Track section next to the Starting Line section (or any other straight section of track). See Figure N.
2. Insert 4 track lifts into the edges of neighboring track sections to insure a smooth incline. See Figures O and P.

SMOKING START TRACK *(cont.)*

CAUTION

Be sure to place a sheet of plastic or cardboard underneath the Smoking Start track section before adding smoke oil as shown below. This is to protect floor or carpet from oil spillage. To avoid spillage, do not tip the Smoking Start track when full of oil. Do not overfill the generators. If oil should spill on the carpet, sponge it off immediately using warm soapy water. On some carpets, staining may still occur. Smoke oil is non-toxic. **Do not use any other kind of oil with this track!**



3. Snip off a corner of the smoke oil packet provided and pour the contents into a small jar. Take the empty plastic dispenser and remove oil from the bottle as you would with an eye dropper. Then insert approximately 5 drops into each of the 2 oil filling positions. See Figure Q. Make sure the dispenser nozzle goes exactly into the spot indicated by the twin arrowheads on the track.

4. Now you're almost ready! Position each car so that the back wheels are positioned between the rollers in each lane. Move the start switch on the Smoking Start track section towards the cars. This lifts the track rollers which in turn lifts the tires off the track surface.

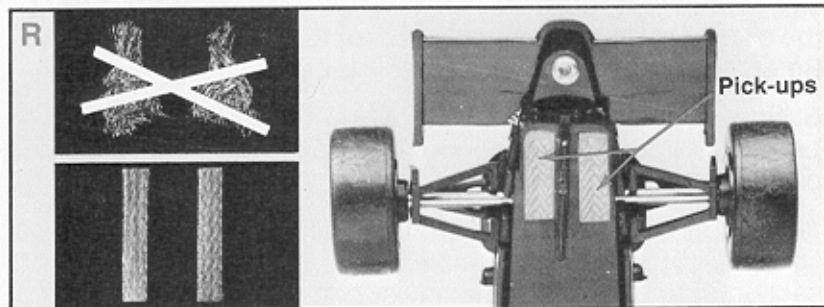
5. Squeeze the handle controller to full throttle. As the tires spin, the track's generators will begin to emit smoke! Squeeze and release the hand controller in bursts to rev the engine and spin the tires!

6. Push the start switch in the reverse direction to lower the rollers. You're off to a smoking start! The smoke generators shut off as soon as the cars begin moving down the track.

TROUBLE-SHOOTING

TRACK MAINTENANCE

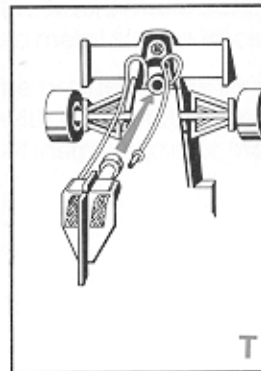
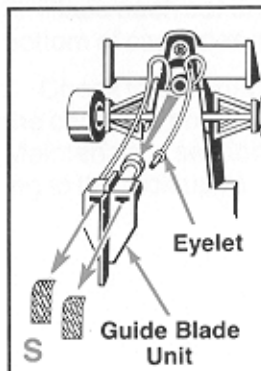
1. Keep track and metal rail surfaces clean using a lint-free cloth. A dirty track may result in poor car performance.
2. If a section of track is not operating properly, unplug power pack and double-check all track connections. Make sure all sections are snapped together properly.



CAR MAINTENANCE

1. Check the two braided metal **pick-ups** located on the bottom of your race cars. These pick-ups transfer power from the track to the car. Pick-ups should be kept neat, clean and of equal length. See Figure R. They may be trimmed with scissors when necessary.

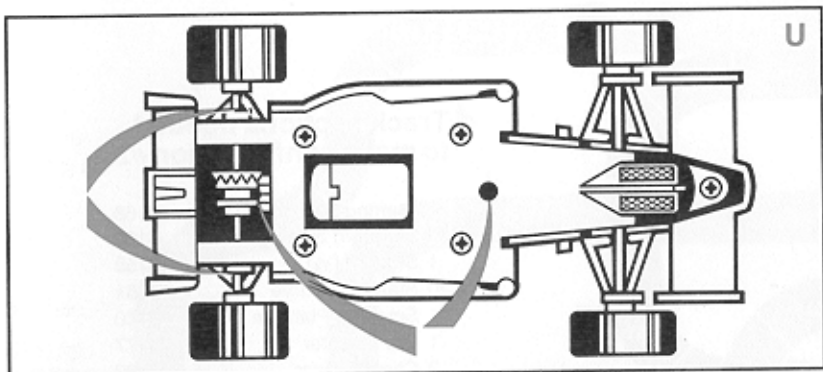
Spare pick-up braids are supplied with each vehicle and may be fitted as follows:



- To replace pick-up braids, you must first remove **guide blade unit** by pulling it down firmly, as shown in Figure S.
- Ease out the wired eyelets from the guide blade unit, as shown in Figure S. The braids can then be removed. Replace with new braids and refit the whole unit, as shown in Figure T.

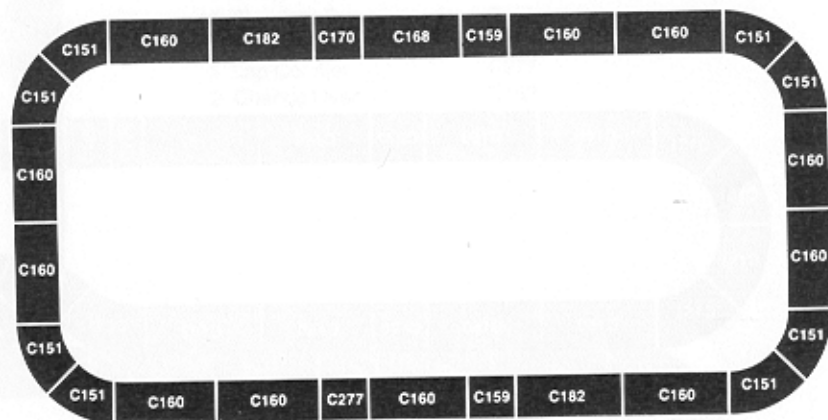
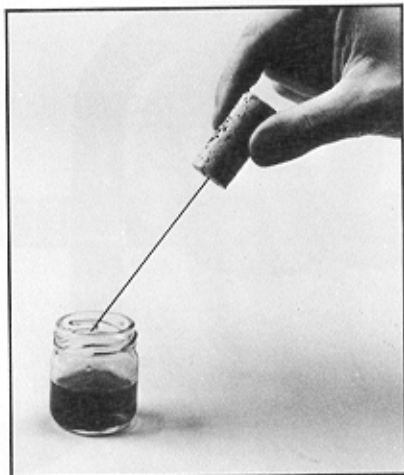
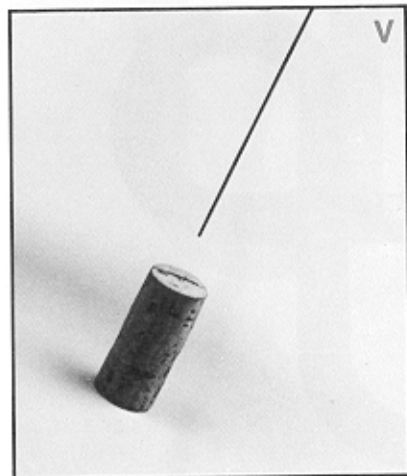
TRACK CONFIGURATIONS

Here are just a few of the track configurations you can build with your Super Scale Racing Set.



LUBRICATION

To keep your cars operating in peak condition, it is a good idea to lubricate them from time to time. Figure U shows the lubrication points. Place a few drops of "3 in 1" or similar light machine oil (not included) into a small container and transfer 1 drop onto the parts marked with an arrow. An oiling tool can easily be made from a cork and a paper clip as shown in Figure V. Remember, one drop is sufficient.

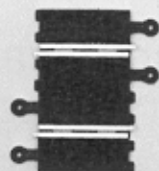


Track sections needed to make configuration #1

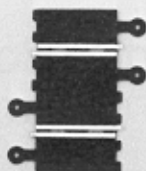
1	Starting Straight	C168
11	Standard Straight	C160
2	Straight (1/2)	C159
8	Standard Curve	C151
1	Smoking Platform	C170
1	Lap Counter	C277
2	Change Over	C182

Additional track configurations shown on next 3 pages.

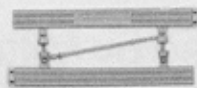
TOTAL PARTS



C158
2 Straight



C157
1 Straight



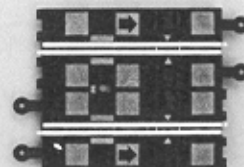
8953/6/7
26 Crash Barriers
13 Flag Supports



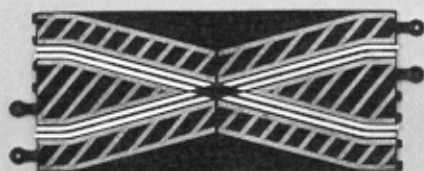
06030
27 Bridge Supports



C274
4 Small Track Lifts



C170
1 Smoking Start Platform



C182
1 Changeover (2 pieces)



C151
20 Standard Curve



C521
1 Smoking Oil Bag



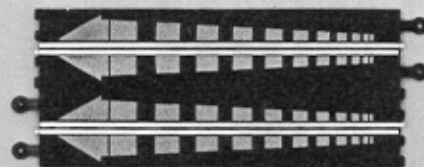
1 Oil Dispenser



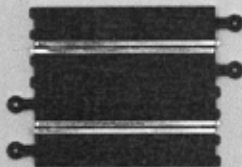
C297
1 Hand Controller



C298
1 Hand Controller



C168
1 Starting Straight



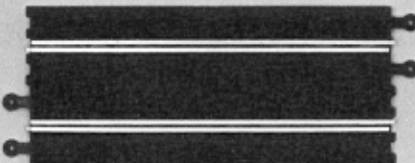
C159
2 Straight



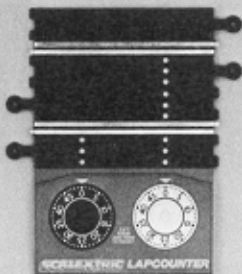
C274
4 Flag Label Sheets



C936
1 Power Pack



C160
11 Standard Straight



C277
1 Lap Counter



C910
6 Replacement Braids



C374
1 Williams Honda



C373
1 Lotus Renault

90 DAY LIMITED WARRANTY (Super Scale Racing Set)

Your Super Scale Racing Set is warranted by Milton Bradley Company for a period of 90 days from the original purchase date under normal use and service against defective workmanship and materials.

This warranty is void if Super Scale has been damaged by accident or unreasonable use, neglect, misuse, abuse, improper service or other causes not arising out of defects in workmanship or materials.

During the warranty period, if found to be defective due to workmanship or materials, Super Scale will either be repaired or replaced with a new or reconditioned product of an equivalent quality (at Milton Bradley's option) without charge to the purchaser when returned with proof of purchase date, shipping prepaid to the address listed below. In the event that Super Scale is replaced, the warranty on the replacement will be continued for 90 days.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

If you have any questions regarding this warranty, you may call the toll-free number shown on the enclosed certificate.

SUPER SCALE RACING
MILTON BRADLEY COMPANY

Springfield, MA 01101