

3rd EDITION

36 TRACK PLANS



SCALEXTRIC®



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Scalextric Boxed Sets are supplied with good basic track circuits to introduce beginners to the fun of home motor racing. It is only natural that in time one should want to develop ones driving skill over something a little larger or more demanding.

The booklet has been prepared for this situation and shows a selection of shapes and sizes, in no particular order, for you to select whichever takes your eye.

The circuits should be regarded as suggestions and they may readily be varied by adding or removing sections but make sure you compensate each side of a circuit equally when doing this. Some of the larger circuits may seem “out of reach” but we know of many people who have joined up their Scalextric equipment with a friend or two to construct quite extensive circuits to their mutual advantage.

Some notes on driving

In the modern world of “consumerism” it is, perhaps, to be expected that Scalextric has been criticised by some on the grounds of it being too difficult to keep the cars on the track.

Our answer is that you do have to work at it. The hand throttle is a sensitive instrument and a sharp jab at the trigger will send a car screaming off the track. What is required is a controlled squeeze. This is best cultivated by driving a car round the circuit slowly. It will become apparent that some acceleration is needed when negotiating banked or tight radius inner curves. The extra squeeze required to maintain the car in motion is rapidly learnt and from then on you can start to pick up speed. But remember that real racing drivers have a long apprenticeship before taking part in a Grand Prix event! There is an old motor racing maxim about cornering, “slow in – fast out” and this is every bit as relevant to Scalextric as the real thing.

About the circuit plans

In order to equalise the lane lengths, changeover tracks (C.182) are usually shown where the design of the circuit is such that without them one car would always have the outside lane.

Generally, standard track sections are illustrated in the circuit plans. Chicane sections, straight and curved, can usually be substituted where appropriate as their dimensions are the same as those of standard straights and curves. Track borders can also be added when experience of racing on a circuit shows them to be desirable.

Wherever four C.151 Standard Curves are shown joined to make a 180° turn, three C.187 Banked Curves may be substituted for them and vice versa. The space requirements are practically identical.

Bridge Supports are supplied with many boxed sets and additional ones which may be needed in some circuits are supplied in C.710 Track and Bridge Supports Pack.

Track Sections

The diagram of curved track dimensions is useful for planning circuits and working out space requirements.



Once you have become familiar with handling Scalextric track sections it is easy to recognise which is which. For the benefit of newcomers to the hobby the illustrations below show their shapes and markings. Simplified symbols are used in the Circuit Plans on the following pages.

Curves



151



152



153



156



154



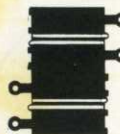
187

- 151 Standard Curve. Outside Radius 14 $\frac{5}{8}$ " 37.2cms 45°
- 152 Inner Curve. Outside Radius 8 $\frac{1}{2}$ " 21.5cms 45°
- 153 Outer Curve. Outside Radius 20 $\frac{3}{4}$ " 52.7cms 22 $\frac{1}{2}$ °
- 154 Half Standard Curve. Outside Radius 14 $\frac{5}{8}$ " 37.2cms 22 $\frac{1}{2}$ °
- 156 Double Inner Curve. Outside Radius 8 $\frac{1}{2}$ " 21.5cms 90°
- 187 Banked Curve. Inside Radius 8 $\frac{1}{4}$ " 20.8cms.
Outside Radius 13 $\frac{7}{8}$ " 35.2cms 60° (6 to a circle)

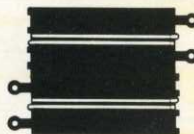
Straights



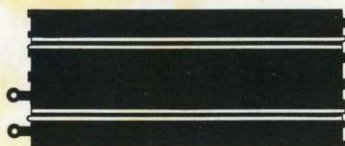
157



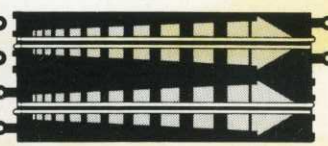
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159



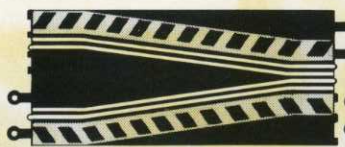
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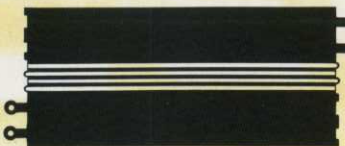
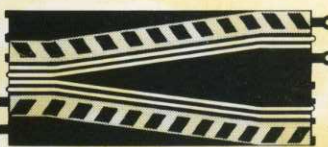
168

- 157 Short Straight 3 $\frac{1}{16}$ " 7.8cms
- 158 Quarter Straight 3 $\frac{7}{16}$ " 8.7cms
- 159 Half Straight 6 $\frac{7}{8}$ " 17.5cms
- 160 Straight 13 $\frac{3}{4}$ " 35cms
- 168 Starting Straight 13 $\frac{3}{4}$ " 35cms

Chicanes



174



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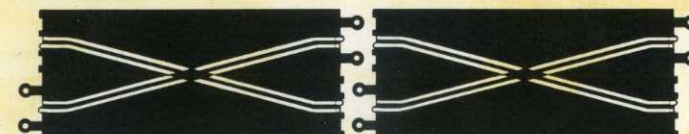
178

- 174 Short Chicane
13 $\frac{3}{4}$ " 35cms *2 supplied
- 176 Straight Chicane 13 $\frac{3}{4}$ " 35cms
- 178 Skid Chicane 13 $\frac{3}{4}$ " 35cms
- 179 Curved Chicane
Outside Radius
14 $\frac{5}{8}$ " 37.2cms 45°

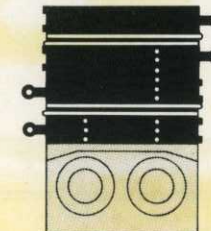


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Accessories



182



277

- 182 Changeover Tracks 13 $\frac{3}{4}$ " 35cms *2 supplied
- 277 Lap Counter 6 $\frac{7}{8}$ " 17.5cms

