How to Read a Switch

outside rails / A

single track end

points

outside rails / B

C

double track end
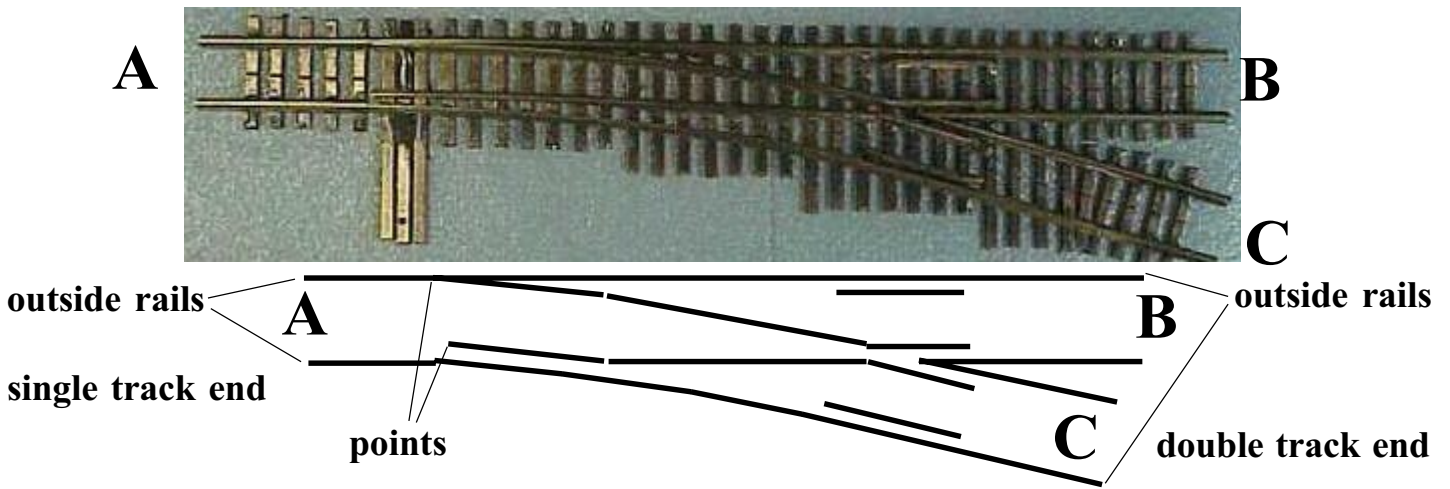
At the <u>single track end</u>, one point will be closed (touching an outside rail), and one point will be open (not touching the outside rail). Follow the outside rail <u>where the point is open</u> (not touching) to determine which way the train will go. In the case above, trains can move from "A to C" and "C to A". Trains coming from "B" will derail (hop off the tracks and crash).

Circle the ways a train could go through these switches safely:

1. A

B

C

1. <u>A to B</u> <u>A to C</u> <u>B to C</u>

<u>B to A</u> <u>C to A</u> <u>C to B</u>

2. A

B

C

2. <u>A to B</u> <u>A to C</u> <u>B to C</u>

<u>B to A</u> <u>C to A</u> <u>C to B</u>

3. A

B

C

3. <u>A to B</u> <u>A to C</u> <u>B to C</u>

<u>B to A</u> <u>C to A</u> <u>C to B</u>

4. A

B

C

4. <u>A to B</u> <u>A to C</u> <u>B to C</u>

<u>B to A</u> <u>C to A</u> <u>C to B</u>