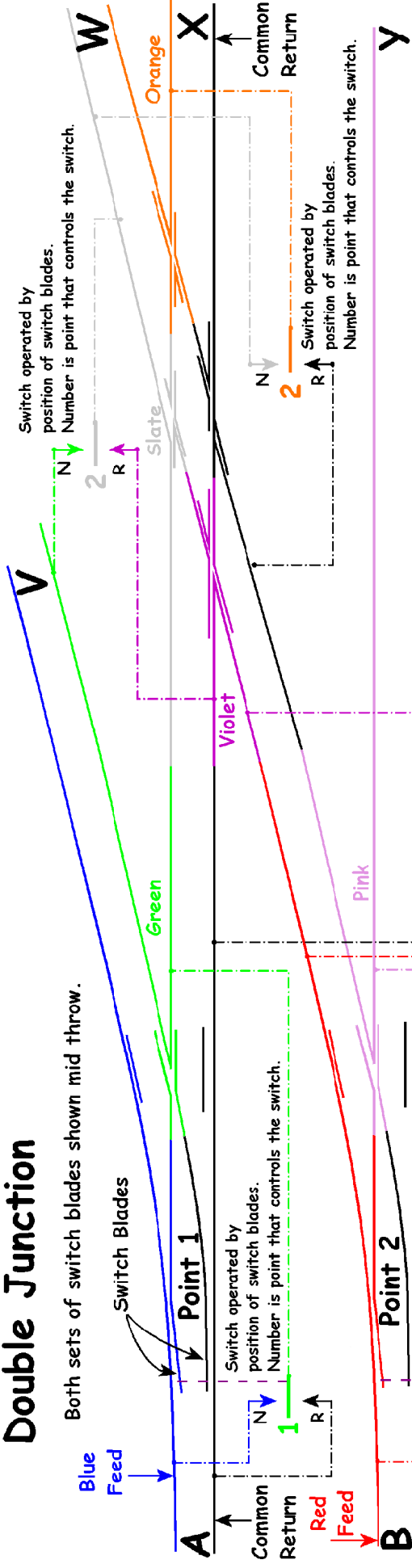


Double Junction

Both sets of switch blades shown mid throw.



There are some basic rules concerning a double junction such as this which need to be stated before starting.

In order to set route W to B, that is to reverse Points 2, Points 1 must first be reversed.

Only three combinations of the routes are permitted, they are:.

AV & WB.

AV & YB.

AX & YB.

Point 1 Normal sets route A to X.

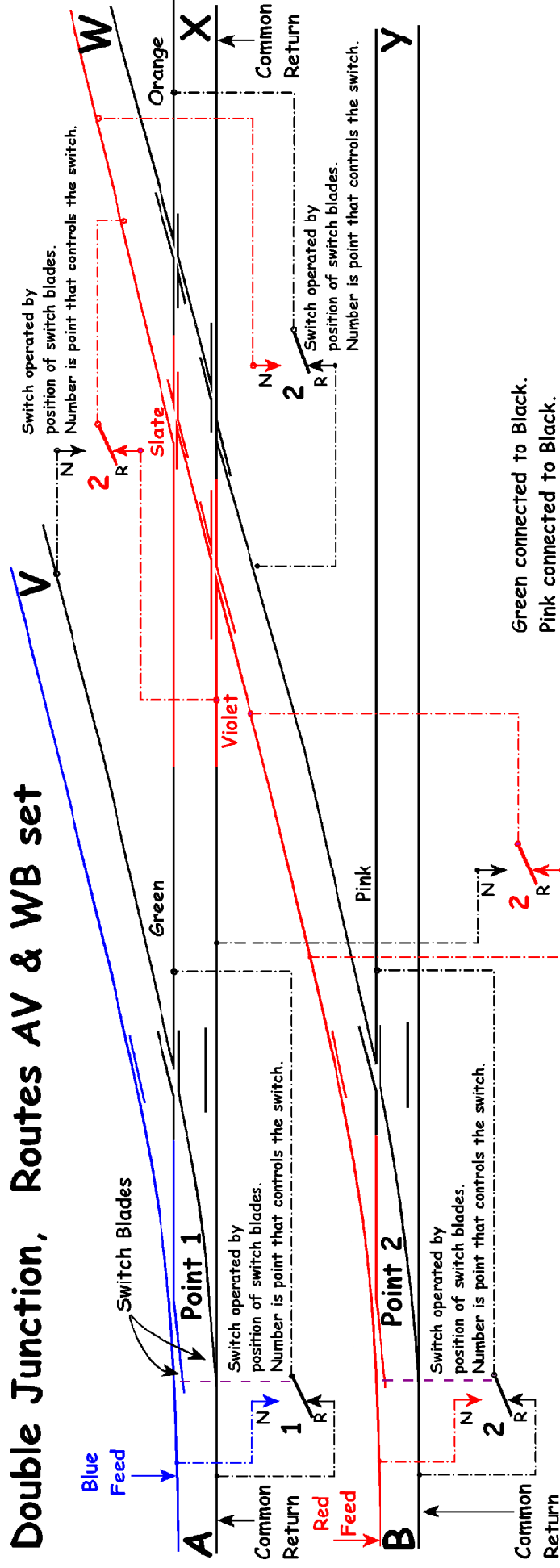
Point 1 Reversed sets route A to V.

Point 2 Normal sets route Y to B.

Point 2 Reversed sets route W to B.

All rails of same colour should be bonded to each other.

Double Junction, Routes AV & WB set



Green connected to Black.

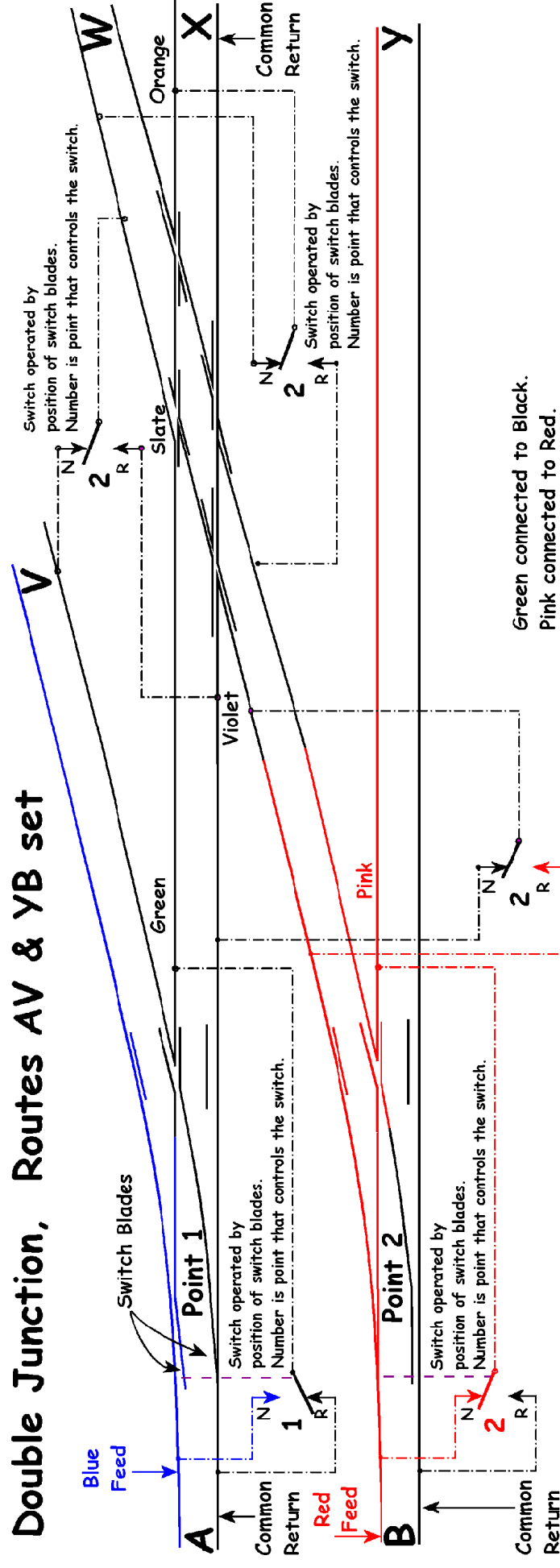
Pink connected to Black.

Orange connected to Pink which is connected to Black.

Violet connected to Red.

Slate connected to Violet, which is connected to Red.

Double Junction, Routes AV & YB set



Green connected to Black.

Pink connected to Red.

Orange connected to Slate which is connected to Black.

Violet connected to Black.

Slate is connected to Green which is connected to Black.

Double Junction, Routes AX & YB set

The diagram illustrates a double junction for routes AX and YB set. It shows a central horizontal track with two vertical tracks branching off. The top vertical track is labeled 'V' and the bottom vertical track is labeled 'W'. The central track has points 'A' and 'B' marked. The top track has points 'X' and 'Y' marked. The bottom track has points 'Z' and 'W' marked. The diagram shows the following components and routes:

- Blue Feed:** A blue line entering from the left, passing through a switch controlled by point 1, and continuing to point A.
- Green:** A green line entering from the left, passing through a switch controlled by point 1, and continuing to point A.
- Violet:** A violet line entering from the left, passing through a switch controlled by point 1, and continuing to point A.
- Red Feed:** A red line entering from the left, passing through a switch controlled by point 2, and continuing to point B.
- Pink:** A pink line entering from the left, passing through a switch controlled by point 2, and continuing to point B.
- Switch Blades:** Two switch blades are shown, one controlled by point 1 and one by point 2. The blades are labeled 'N' and 'R'.
- Common Return:** A common return line is shown at the bottom, labeled 'Common Return'.
- Routes:** The diagram shows routes AX and YB set. Route AX is indicated by a blue line from A to X. Route YB is indicated by a red line from Y to B.

