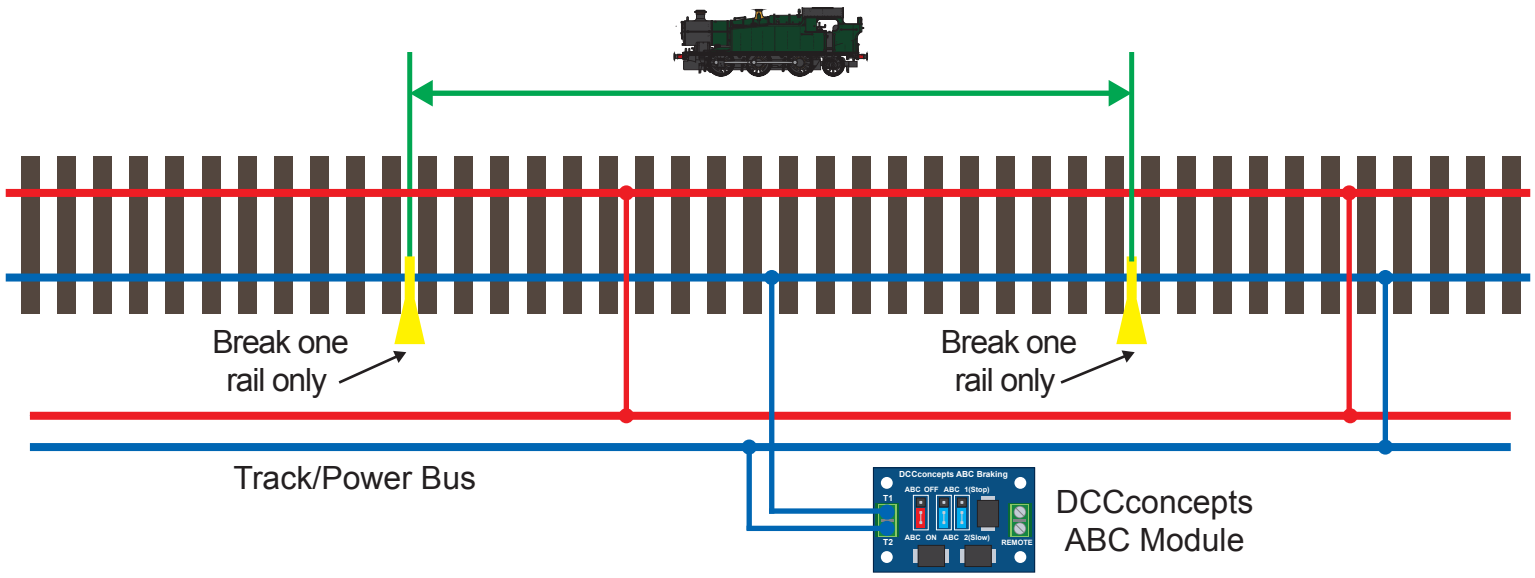
LAYOUT CONCEPTS

Layout Concepts ABC Shuttle - Slow Or Mid-Stop At One Location

Guideline for the ABC stop section length is the average loco length plus stopping distance



Step 1 - Create an isolated section on your test track. It should be long enough for the loco to slow down and stop plus one extra loco length.

Step 2 - Install an ABC control module to that section, making sure it is powered from your track bus, and set the **RED** header to the **ON** position on the control board.

Step 3 - Install a **DCCconcepts ZEN BLACK** decoder in your locomotive.

Step 4 - Set **CV3** and **CV4** to give your loco a nice smooth acceleration and deceleration.

Step 5 - Set **CV27** to either 1, 2 or 3:
CV27=1 - A loco running in **FORWARD** will stop in an activate ABC section
CV27=2 - A loco running in **REVERSE** will stop in an activate ABC section
CV27=3 - A loco running in **EITHER** direction will stop in an activate ABC section

Step 6 - Run the loco into the ABC section - the train should come to a smooth, steady stop - Please Note, the overall speed of the loco and deceleration, **CV4**, will affect the stopping distance.

Step 7 - Turn the ABC control module off, with the **RED** header on the control board, and the loco will now return to normal running speed or you can use an external **ON/OFF** switch on the remote terminals.

Step 8 - If the loco does not stop in the ABC section change the two **BLUE** headers on the ABC board from ABC 1 to ABC 2 - **STOP** to **SLOW** or vice versa.