

## Boot Key Recovery of a 128 Pin Module on a Simulator

In order to use a boot-key to program an ECM-565-128 module on the simulator, a few small modifications must be made.

1. Since the 128 pin module does not have a true ESTOP, so you must wire it into DG1.
  - Turn the DG1 and the STOP switches down to “off”.
  - Jumper DG1 To STOP as shown.
2. The ISO 9141 pins are used to trigger the internal WIC boot code(Woodward/GAP/Toolkit) for GAP programming and must be switched off prior to using the boot key for recovery. Since the 128 pin module doesn't have CAN3, the ISO 9141 pins are wired to CAN3 on the simulator board. Setting the CAN3 switches to off ensures that the WIC boot code will not get triggered.
  - Turn CAN3 H and L switches to off
3. Then,
  - Key Off, Start Programming in Mototune, and WITHIN 2-3 Seconds Key On

