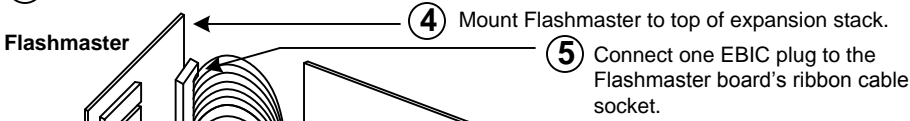
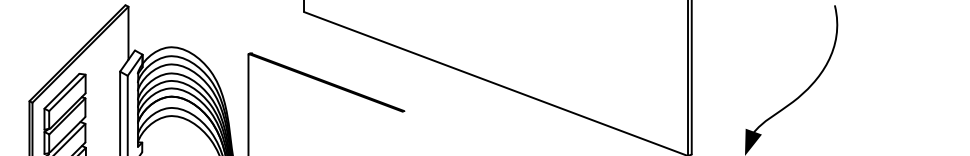


① Select controller to be used as a Flashmaster Station.

② Turn off all controller power.



③ Set DIP SW1 to ON. SW2-8 OFF



⑥ Remove CCM from another controller and plug it into the Flashmaster socket.

⑦ Reconnect the controller's AC power and turn on system power.

⑨ Turn all system power OFF, then remove CCM from Flashmaster socket.

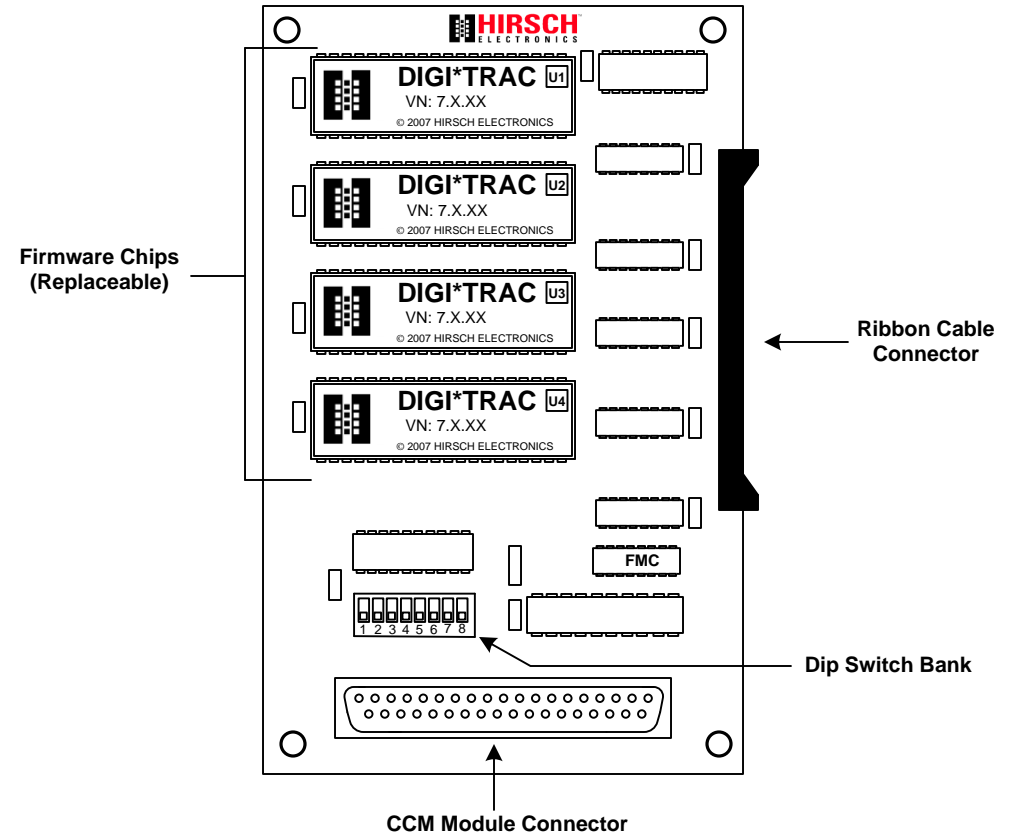
⑩ Replace CCM in original controller.

Repeat the above process for each CCM you need to reflash.

●	●	AC
○	○	BAT
●	●	SYS
○	○	KPD
●	●	NET
○		TEST
○		ALARM

When the flashing is finished, the light pattern looks like this with the TEST and ALARM lights flashing alternately.

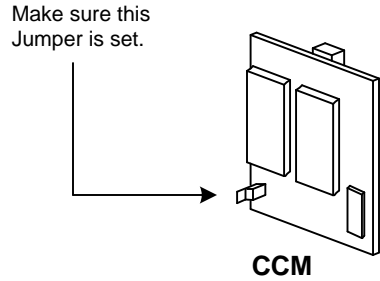
The Hirsch Flashmaster expansion card expedites the task of updating CCM 7 module firmware on Hirsch controllers.



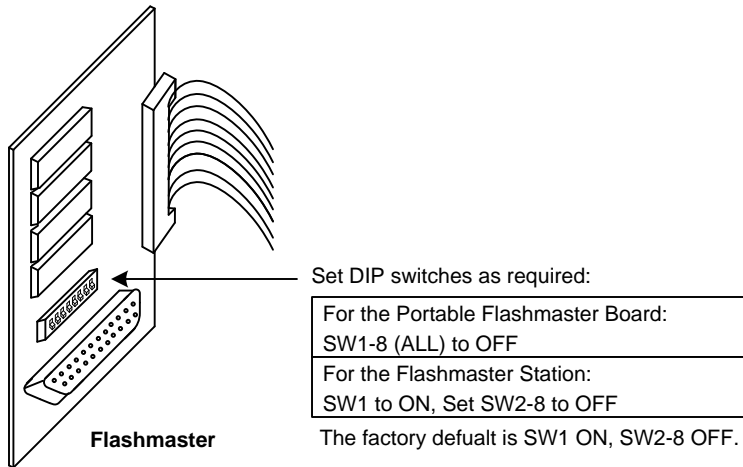
Reflashing the CCM 7 firmware transfers an updated version of the CCM's firmware to the ROM chip on the CCM module. This memory chip stores all of the basic DIGI*TRAC commands and instructions Hirsch's application, Velocity uses to run the controller.

To order : contact Hirsch Electronics. Specify Hirsch Part# CCM-FMB
To order upgrade firmware chips: Specify Hirsch Part# CCM-FMB-U
 Normal lead times and expedite fees may apply.

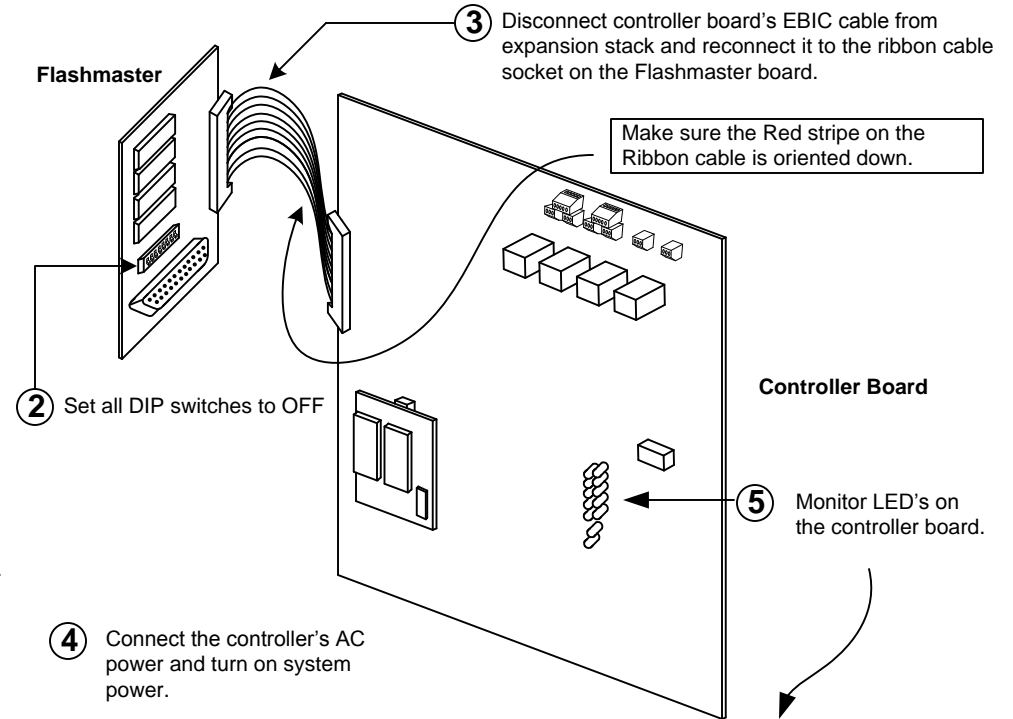
Setting CCM Jumper



Setting Flashmaster DIP Switches



1 Turn off all controller power.



4 Connect the controller's AC power and turn on system power.

6 Turn all system power OFF, then remove the Molex connector to the controller's AC power from the controller board.

7 Disconnect and remove the flashmaster board from the controller.

8 Reconnect the expansion stack to the controller board using the original EBIC cable.

9 Power up the controller.

When the flashing is finished, the light pattern looks like this with the TEST and ALARM lights flashing alternately.

●	●	AC
○	○	BAT
●	●	SYS
○	○	KPD
●	●	NET
○	○	TEST
○	○	ALARM