

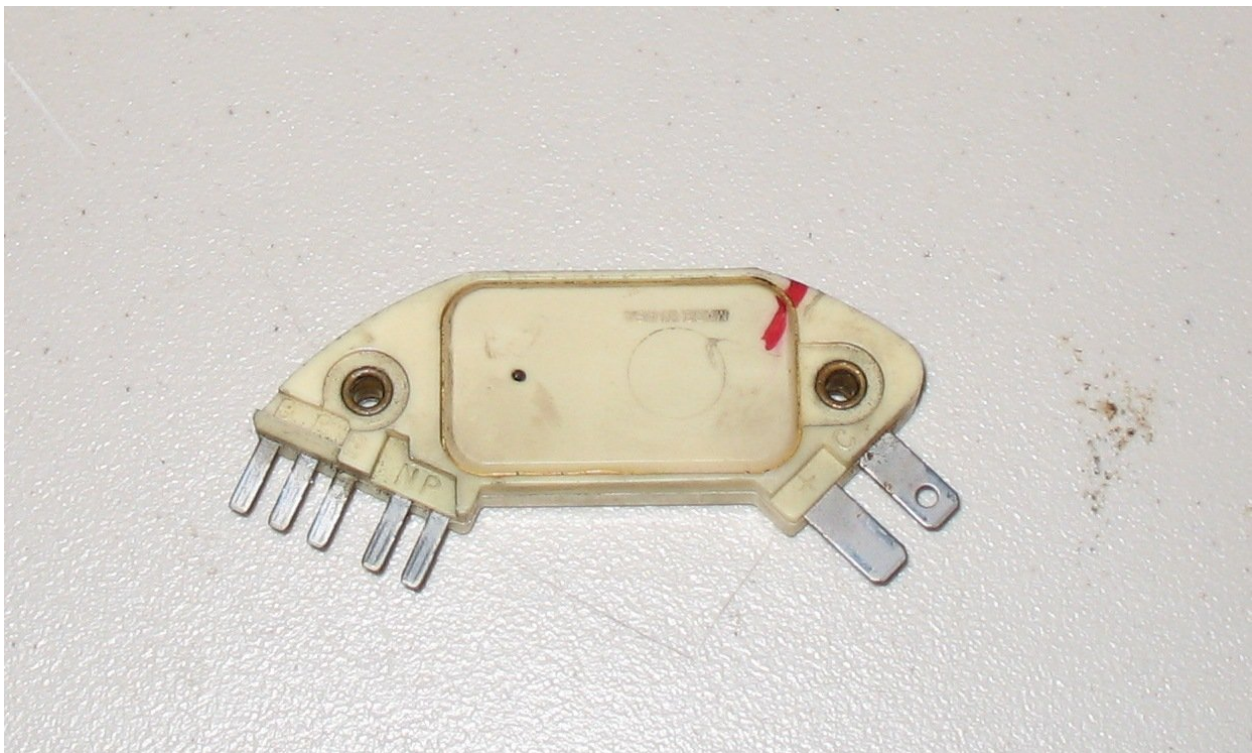
## Dizzy interface cross reference table for GM C3 ECM's

Large HEI module	Pig tail wire color	Pig tail connector	Small HEI Ignition module	Connector Pins	Circuit #	ECM Pin	Function
R	PPL/WHT	B	R	C	430	B5	Reference pulse in
E	WHITE	A	E	D	423	D4	EST
B	TAN	C	B	B	424	D5	Bypass
GND	BLK/RED	D	G	A	453	B3	REF_LOW

In cross reference table above two distributors ECM interfaces are set side by side. In essence, they are functionally identical.

### Large hat HEI

Remove cap and rotor from CCC distributor (large hat) and on the right side of the distributor base plate ignition module is mounted:



**Figure 1 7-pin module used in Large HEI**

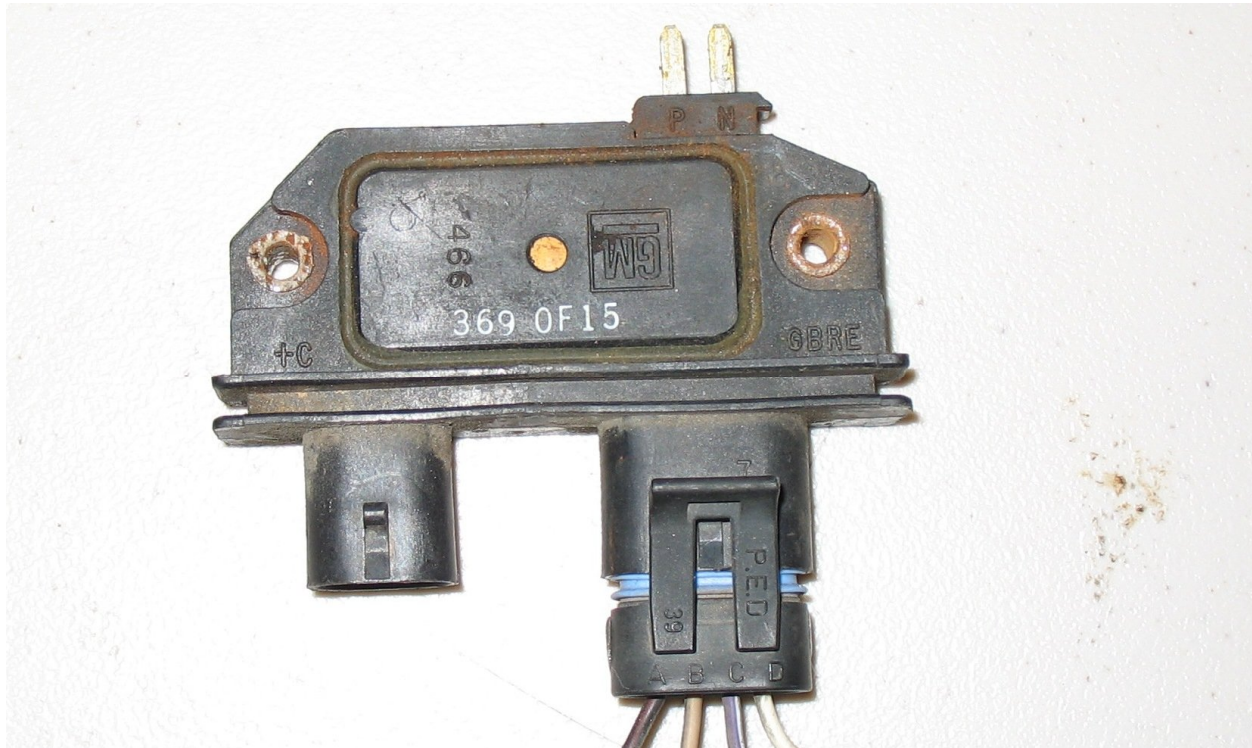
If you look closely, Fig 1, at the top three pins on the left side of the module you should see reference designators next to each pin ('B' 'R' 'E'). Note the wire colors used for each pin in

a small slide on 3-pin connector plugged into the module. Your wire colors maybe different, as over years GM may have altered wire color on application by application bases.

The lower two pins ('N' and 'P') are connected to reluctor coil. Fourth wire (BLK-RED) is attached with 6-32 screw to distributor body. This is a 'REF\_LOW' circuit or ground which is a must for ECM interface to function properly. The 'pig tail' connector is attached to a four wire harness which is connected inside distributor. The pig tail connector is a four pole, full size PED weather pack socket connector similar in appearance to a MAP connector. Make sure that you have a proper plug mate for this socket, since there are orientation slots used to prevent incorrect connector pair mating. Look directly at the connector pins and note the orientation of the alignment slots which surround connector pins. Hence, when roaming JY cut them off as a mated pair, or alternatively have a ready replacement and pins.

## Small hat HEI

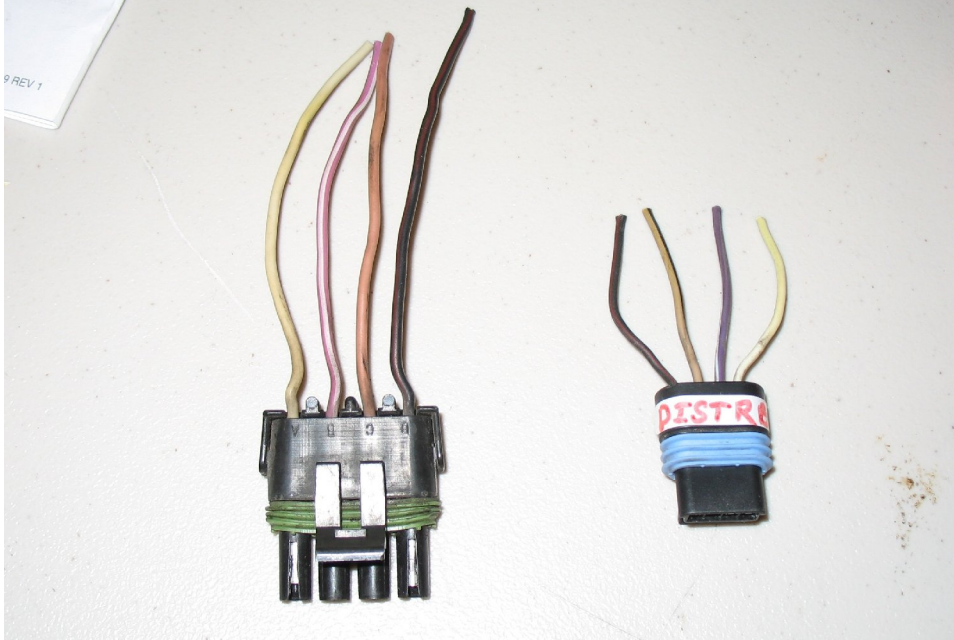
Small hat HEI disposes of a pig tail harness by integrating ECM interface into compact 4 pin PED weather pack connector. In your case remove this connector and install replacement mating connector as outlined in table 1 above. Before removing connector take a note of wire colors and their position relative to ignition module.



**Figure 2: Small HEI ignition module**

## Harness Connectors

Small hat HEI as mentioned before uses a compact PED weather pack connector (on the right) while large hat HEI uses full size PED connector (on the left) see Figure 3.



**Figure 3: Dizzy Harness side connectors**