

*Note: when using Holley Throttle Body (112-588, comes with Holley/Chrysler IAC motor) with a FAST XFI or XFI sportsman system, you will need to swap pins A and C on the idle air control connector.*

*The same modification will also be required when using a throttle body fitted with a GM IAC motor with a Holley Dominator or HP EFI system.*

*The above modification is required due to the fact that FAST EFI systems are factory -pinned for GM IAC motors and Holley EFI systems are pinned for Chrysler IAC motors. Swapping pins A and C will ensure proper operation of the IAC motor and will enable the ECU to provide the proper authority over idle speed.*

#### **IAC Pinout details:**

- IAC Motor Harness Connector PIN-OUTS:

**Holley (Chrysler)** IAC stepper motor pin-out *with flat connector*:

Use a magnifying glass to see the four IAC connector cavities - designated **A, B, C, D**.

These letters are located where the wire seal retainer clips to the connector body.

The four wires are **A: purple/blue "A LO", B: purple/black "B HI", C: purple/white "B LO", D: purple/yellow "A HI"**.

<http://documents.holley.com/techlibr...10555rev17.pdf> (Holley EFI Wiring Manual - page 31)

**General Motors (LS, LT, etc.)** IAC stepper motor pin-out *with flat connector*:

Use a magnifying glass to see the four IAC connector cavities - designated **A, B, C, D**.

These letters are located where the wire seal retainer clips to the connector body.

The four wires are **A: purple/white "B LO", B: purple/black "B HI", C: purple/blue "A LO", D: purple/yellow "A HI"**.

<http://documents.holley.com/techlibr...10555rev17.pdf> (Holley EFI Wiring Manual - page 37)

**GM Screw-In (threaded)** IAC stepper motor pin-out *with square connector* (Stealth Ram/TPI):

Use a magnifying glass to see the four IAC connector cavities - designated **A, B, C, D**.

These letters are located where the wire seal retainer clips to the connector body (C & D behind retainer).

The four wires are **A: purple/yellow "A HI", B: purple/blue "A LO", C: purple/black "B HI", D: purple/white "B LO"**.

<http://documents.holley.com/techlibr...10555rev17.pdf> (Holley EFI Wiring Manual - page 39)

<http://forums.holley.com/showthread...y-HP-Dominator> (Early harness wiring error.)