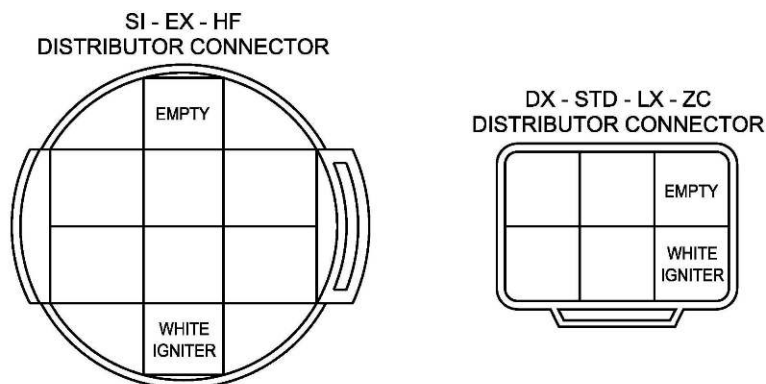


SI TO DOHC ZC WIRING CHANGES

1. You will need to swap your SI engine wiring harness onto the DOHC ZC engine.
2. Before you remove the harness from the Si engine, label both sides of all connectors so that you will know what goes where on the ZC engine. Use a small piece of masking tape on each side of the connector and using a felt tip pen, write a different number on each connector with the same number occurring on each half of each connector. Where connectors just plug onto a sensor, wrap one piece of the tape around the sensor itself and number it. Unless indicated below, all connectors and sensors are in the same location on both engines. By marking where the connectors are located, you eliminate any chance of plugging the wrong connector into a sensor when you install the harness on the ZC engine.
3. Distributor wiring – The SI engine harness has a round 7-wire connector at the distributor. The DOHC ZC distributor has a square 5-wire connector. You will need to swap a 5-wire square connector onto the SI harness. Usually the harness that comes with the DOHC ZC engine will have the connector you need plugged into the distributor. If it is not there, you can get one from any 88-91 CRX DX, 88-91 Civic STD, DX or LX or 88-89 Acura Integra from a salvage yard.
4. When replacing the connector, match the wire colors on the harness side with the wires in the connector on the DOHC ZC distributor. You will have (5) matching wires. The wire colors are White – Orange – White – White with Blue stripe and Orange with Blue stripe. You will have (2) wires left over on the engine harness. There will be a Blue with Green stripe and a Blue with Yellow stripe.
5. You may have noticed that there are 2 white wires in the connectors. To make sure you don't mix them up, take a marker (Sharpie, felt-tip, etc.) and mark the ones for the igniter. The white wires for the igniter are located as shown in this picture:



- 6. Connect a short length of wire to each of the leftover wires and extend them to the Green connector on the CYLinder Position Sensor, which is on the end of the exhaust camshaft, again matching the wires color for color.**
- 7. For the 89-91 Si (not 88) your engine harness will have one connector left over which isn't used on the ZC. It is the connector for the Fast Idle Control Valve on the back of the Si intake manifold on the driver's side.**