



GM DISTRIBUTORLESS IGNITION SYSTEM ULTRA COILS

INSTALLATION INSTRUCTIONS

INSTALLING JACOBS' HIGH PERFORMANCE COIL(S) ("DELCO" TYPE)

Caution: Disconnect the negative battery terminal before proceeding!

STEP 1: IDENTIFY COIL LOCATION: The coils will usually be located on the top of the engine (V6s) or on the back of the engine (4cyl). (Refer to Fig. 1, below)

STEP 2: MARK THE SPARK PLUG WIRES: Mark the wires before you remove them to maintain the correct firing order! Then remove the spark plug wires from only one of the coils. (Refer to Fig. 2a & 2b, below)

STEP 3: UNBOLT AND REMOVE THE FIRST OEM COIL: The coil is held to the module backing plate by two (2) bolts. Remove both bolts before gently lifting off the first coil assembly. (Refer to Fig. 3a & 3b below)

Caution: UNBOLT AND REPLACE ONLY ONE COIL AT A TIME TO PREVENT SEPARATION OF THE MODULE FROM THE BACKING PLATE! IF YOU SEPARATE THE MODULE FROM THE BACKING PLATE YOU MUST CLEAN AND RE-APPLY HEAT SINK GREASE OR THE MODULE WILL OVERHEAT AND FAIL!

STEP 4: INSTALLING THE NEW JACOBS' ELECTRONICS HIGH PERFORMANCE COIL: Carefully install the new Jacobs' Electronics High Performance Coil onto the module backing plate. Make sure the electrical connection tabs are inserted correctly, make sure the coil is still aligned correctly before tightening the mounting bolts! Reinstall the spark plug wires and repeat steps 3 and 4 for the remaining coil or coils.



FIGURE 1



FIGURE 2a

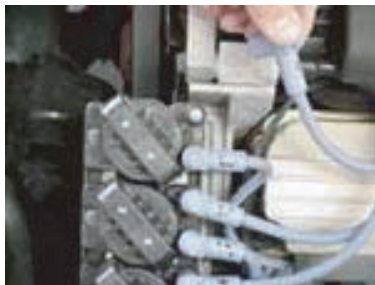


FIGURE 2b



FIGURE 3a

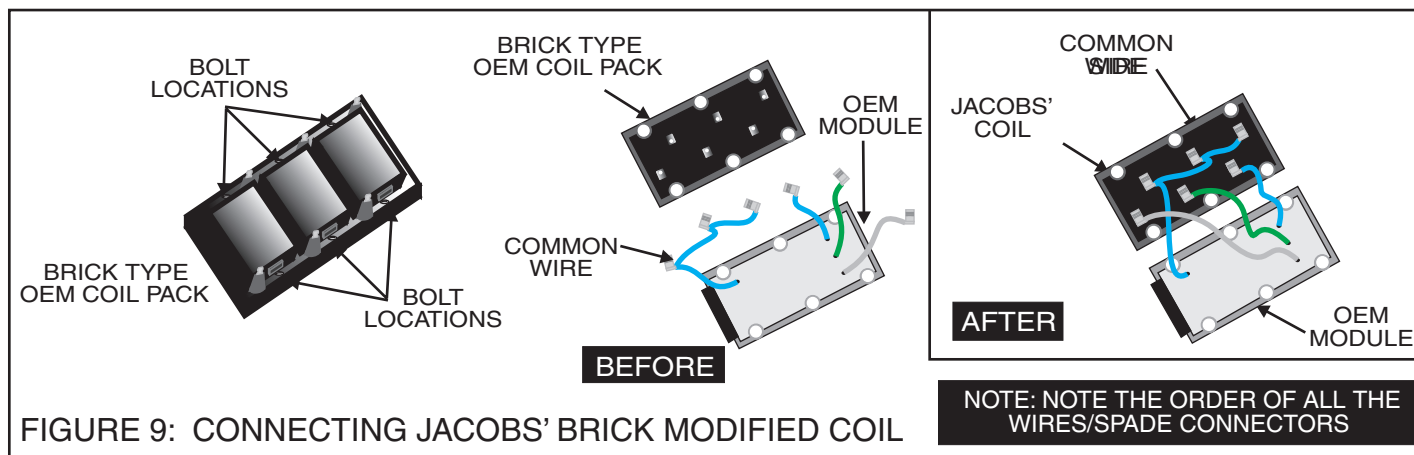


FIGURE 3b

II INSTALLING JACOBS' HIGH PERFORMANCE COIL(S) (BRICK TYPE)

1. Note the location of each spark plug wire and remove them from the OEM COIL PACK. (Refer to Fig. 9, below)
2. Remove the six bolts securing the OEM COIL PACK to the OEM MODULE and gently lift up the OEM COIL PACK.
3. Note that there are four wires that connect to the bottom of the OEM COIL PACK. One wire assembly will have three spade connectors on it and is called the "COMMON WIRE." The remaining three wires will have one spade connector each. Note the wire locations for re-assembly.
4. Unplug the three spade "COMMON WIRE" from one side of the OEM COIL PACK and ensure that you have noted the order of the remaining individual wire/spade connectors (left, center, right).
5. Unplug the remaining three wires.
6. The OEM COIL PACK can now be removed from the car. (Leave the rubber gasket attached to the base, it will be reused.)
7. Reconnect the "COMMON WIRE" assembly to the Jacobs' Coil Pack in the same manner you unplugged it from the OEM COIL PACK.
8. Reconnect the remaining three wires to the bottom of the Jacobs' coil in the same order they were unplugged from the OEM COIL PACK (left, center, right, etc.).
9. Gently place the Jacobs Coil Pack back over the OEM MODULE (make sure it is located correctly!) and reinstall the six bolts removed in Step 1. Tighten evenly.
10. Transfer the spark plug wires to the Jacobs Coil Pack one at a time in the same relative location and order as on the OEM COIL PACK. This will maintain the correct firing order.

Note: IF YOU DECIDE LATER TO INSTALL JACOBS' ENERGY CORE SPARKPLUG WIRES WE ALSO RECOMMEND YOU CHANGE THEM ONE AT A TIME.



IF YOU NEED HELP
WITH WARRANTY INFORMATION, TECHNICAL INFORMATION OR INSTALLATION ASSISTANCE:
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M-F 8:00 AM - 5:00 PM EST



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