Installation Instructions for 40150 CD Ignition Coil

PARTS INCLUDED IN THIS PACKAGE:

(1) Coil *(see Fig. 1)*
(4) #10 Sheet Metal Screws *(see Fig. 2)*
(4) M-5 Machine Screws and Nuts *(see Fig. 3)*
(2) M-5 Coil Terminal Nuts
(2) Ring Terminals
(1) Coil Wire Boot
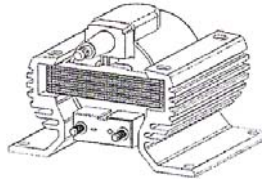(1) Coil Wire Terminal

Fig. 1   **Fig. 2**   **Fig. 2**
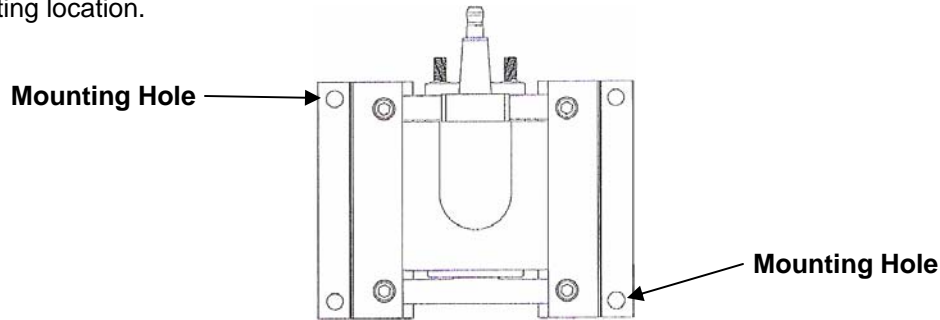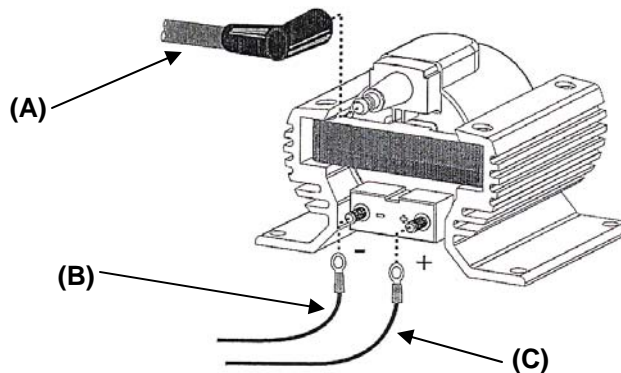
MOUNTING THE COIL

1. Turn the ignition switch off and disconnect the battery negative cable.
2. Remove the coil high tension wire from the coil tower.
3. Label and remove all wires from the positive and negative coil terminals.
4. Remove the existing coil.
5. The coil can be mounted in many locations. Choose a flat area that is away from direct engine heat and is fairly close to the distributor. Common locations would include a fender well or firewall.
6. Before you begin, make sure that the existing coil wire from the distributor and primary ignition wires reach the chosen mounting location.

Mounting Hole →

← **Mounting Hole**

7. Hold the coil in position and mark the four mounting hole points with a pen or transfer punch.
8. The coil comes with all the required hardware for mounting. Machine screws and keep nuts should be used when the back side of the mounting location is accessible. Use the sheet metal screws for blind mounting locations.
9. Before you begin drilling holes, check to be sure where you are drilling will not result in damage.
10. Blind mounting coil with sheet metal screws is simple. Each screw has a self taping point. Using a power driver, position the screw onto each of the marked points and tighten the coil into place.
11. When mounting the coil with the machine screws, use a 1/4" bit to drill a hole in each of the mounting points. Apply a drop of thread lock to each the screw threads and install the provided keep nuts. Tighten the coil into place.

   (A)   To distributor cap
   (B)   To distributor trigger
   (C)   To ignition switch

(A)

(B)

(C)

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WIRING THE CD COIL

1. Run the coil wire from the distributor to the coil. The coil wire should snap onto the coil terminal. If your coil wire does not have this kind of terminal end, replace it with the provided terminal and boot. *(See Step #4)*

2. Connect all of the wires that were removed from the negative terminal of the old coil to the negative terminal of your new Summit coil. It may be necessary to use the ring terminals in the supplied hardware pack.

3. Connect the wires that were removed from the positive coil terminal of the old coil to the positive terminal of the coil. Again, ff necessary, use the ring terminals included with the coil.

4. If the coil wire has a male style terminal, you will need to replace it with the provided female terminal.

   To terminate the coil wire follow these steps:

   - Strip 3/4" of the insulation to expose the inner core.

   - Fold the core of the wire over and onto the wire jacket being careful not to cut or damage the core

   - Place the terminal so that the folded core is up against the inside of the terminal. It sometimes easiest if this is done on a flat surface.

   - Crimp the terminal into place with an ignition crimping tool or needle nose pliers. Apply a small amount of dielectric grease to the terminal. Spray the inside of the boot with a silicone spray and slide it into place.

Final steps
1. Check all connections that positive contact is made.
2. Re-attach the battery.

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