

ESC1900 COIL - Fitting HONDA CR500 (1987-ON)

Step 1 Take the ignition cover off. Are The Replacement Parts Similar? Compare the replacement part to the original. The replacement part can look different because of the winding technology used, but the mounting hole locations should match. Be sure to note the location of the OEM part on the baseplate and which wires are connecting to it.

Step 2 Take note of the wire colors of the original coil wires and disconnect them from the wiring loom.

Step 3 Remove the flywheel using a proper puller tool. Remove the baseplate with the original coil. Remove the screws that secure the coil and take the coil off.

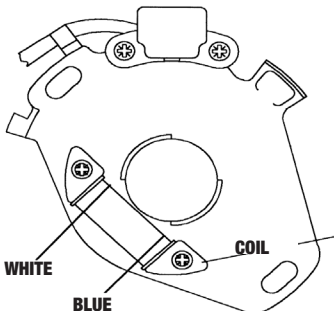
Step 4 Cut the original wires close to the original ignition coils. Take a good look at how the wires are connected to the coils. (At which side of the original coils and where each wire color goes)

CONNECTIONS Connect the BLUE and WHITE wires according to the drawing. NOTE: The coil may be located next to the pulser coil on the backing plate depending upon the year of your bike. Just be sure to note the location and the color of the wires coming from it, when you install your replacement part. Also, you should fold the solder tags down as shown in the image.

Step 5 Connect the old wires up to the new coil. Put the wires in exactly the same place as on the original. Make sure you have good connections here. Use a soldering iron and resin core solder (the type used in electrical applications).

Step 6 Mount the coil onto the baseplate, fit the screws using locking compound on the threads and TIGHTEN THE SCREWS SECURELY!

Step 7 Refit the stator baseplate. Ensure the wires CANNOT TOUCH THE FLYWHEEL! (Especially on the inside of the flywheel) Refit the flywheel. Tighten the bolt to specified torque and Fit the ignition cover.



Troubleshooting: Engine will not start: For OHMS testing, measure from the ground tag and solder tag. The OMS reading in the factory service manual will most likely be different than what is listed for this part. This is due to the high performance winding technology. If you have further technical questions, please refer to your service manual.

OHMS READING: 34 Ω \pm 10%