

## 86-89 Suzuki Samurai Distributor Cap (SKU# SER-DCAP)

Also Includes: SER-DROT Suzuki Samurai Distributor Rotor  
SER-DCAP Suzuki Samurai Distributor Cap Seal

### Installation Instructions



We recommend that both the cap and rotor be replaced at the same time.



Distributor Cap Seal

Distributor Cap



Rotor

**CAUTION:** Safety glasses should be worn at all times when working with vehicles and related tools and equipment.



#### Suggested Tools:

- None

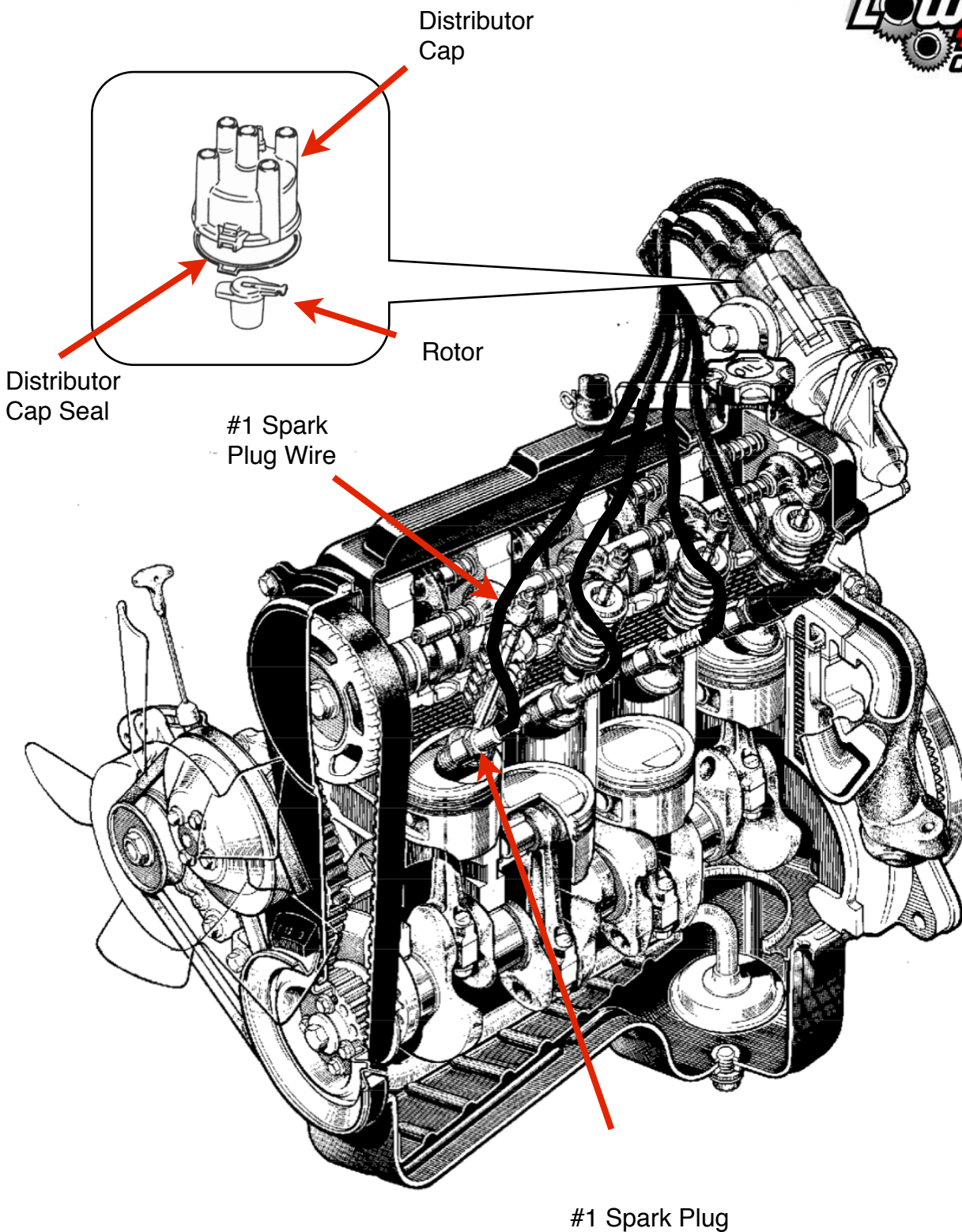
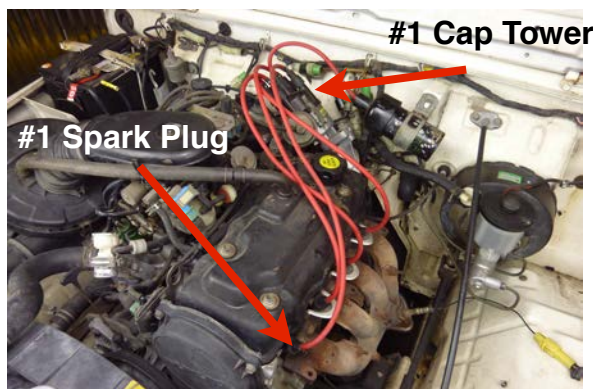


Figure A



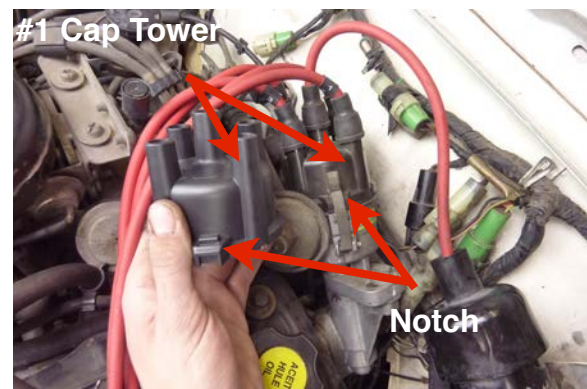
## Background Information & Caution

Some distributor cap towers are marked with numbers indicating which spark plug that tower should be connected to. Some caps have no markings at all. The same is true with spark plug wires, some are numbered and some are not. It does not matter whether the distributor cap has numbering or not. It does not matter whether the plug wires have numbering or not. What does matter is that the new distributor cap and spark plug wires must be positioned in the exact same position as the old ones, in order for the engine to run properly. The safest thing to do, is to follow these instructions with exactness. If the distributor cap and spark plug wires are not positioned correctly it will likely require the services of a skilled technician to get them right again.



### Step 1

Identify which tower on the old cap that the #1 spark plug wire is connected to.

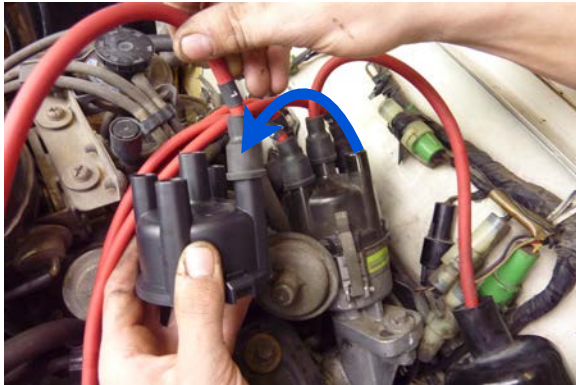


### Step 2

Identify the tower in the new cap that is in the exact same position as the #1 tower in the old cap.

Note: In our example, #1 tower is to the right of the notch, which is most common. However, your # 1 tower could be any one of the other 3 locations.





### Step 3

Remove #1 spark plug wire from the old distributor cap and insert it into the #1 tower in the new cap as determined in Step #1



### Step 4

Moving clockwise around the old cap, remove the next spark plug wire from the old cap and install it in the exact same position in the new cap.



### Step 5

Continuing clockwise around the cap, remove the next spark plug wire from the old cap and install it in the exact same position in the new cap



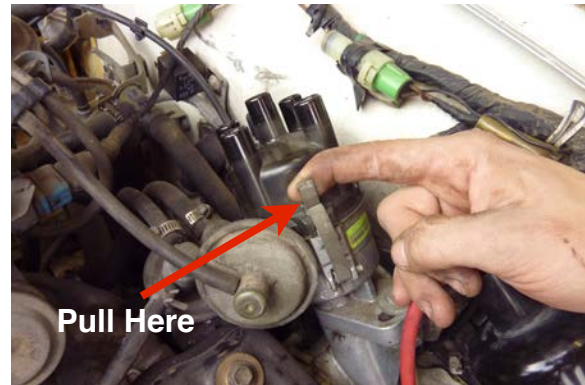
### Step 6

Then finish the plug wire transfer by removing the last plug wire from the old cap and installing it into the new cap.



### Step 7

Remove the ignition coil wire from the center tower of the old cap and place it in the center tower of the new cap.



### Step 8

Unlock the old cap by releasing the two lock tabs.

Note: The second lock tab is on the opposite side of the distributor.



### Step 9

Remove the old distributor cap.



### Step 10

Inspect the distributor cap seal. If it is cracked, broken, or deteriorated in any way, replace the seal.

Click [HERE](#) for more information about replacement seals.





## Step 11

Notice the position of the old rotor. The new rotor must be installed in the exact same position.



## Step 12

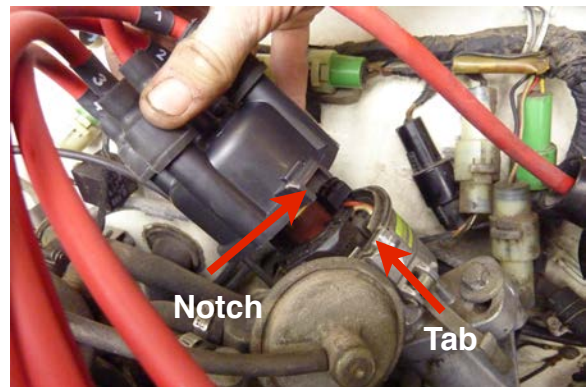
Remove the old rotor from the distributor by pulling upward.



## Step 13

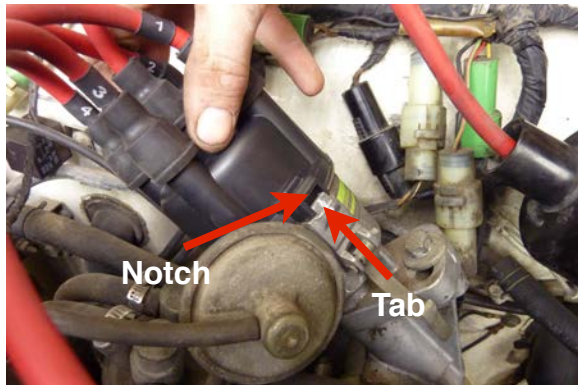
Install the new rotor in the exact position as the old rotor.

Note: The rotor will only install in one position. Do not force it. Also, be sure the new rotor fits all the way down. If the rotor is not pushed all the way down, the rotor and cap will likely become damaged upon initial engine start up.



## Step 14

Install the new distributor cap insuring that the distributor TAB fits perfectly in the cap NOTCH.



### Step 14 Continued

This shows the cap properly fitted to the distributor, with the TAB in the NOTCH.



### Step 15

Press the locks back into place until they snap.

Note: If the locks do not snap, they are not properly locked.



### Step 16

Start the engine and check for smooth operation.



### Congratulations!

You have successfully installed a distributor cap and rotor.

As always, If you experience any difficulty during the installation of this product please contact Low Range Off-Road Technical Support at 801-805-6644 M-F 8am-5pm MST. Thank you for purchasing from Low Range Off-Road.



These instructions are designed as a general installation guide. Installation of many Low Range Off-Road products require specialized skills such as metal fabrication, welding and mechanical trouble shooting. If you have any questions or are unsure about how to proceed, please contact our shop at 801-805-6644 or seek help from a competent fabricator. Using fabrication tools such as welders, torches and grinders can cause serious bodily harm and death. Please operate equipment carefully and observe proper safety procedures.

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