# How to fix 2000-2007 Mazda Tribute cylinder misfire

This guide will help you resolve the misfire in...

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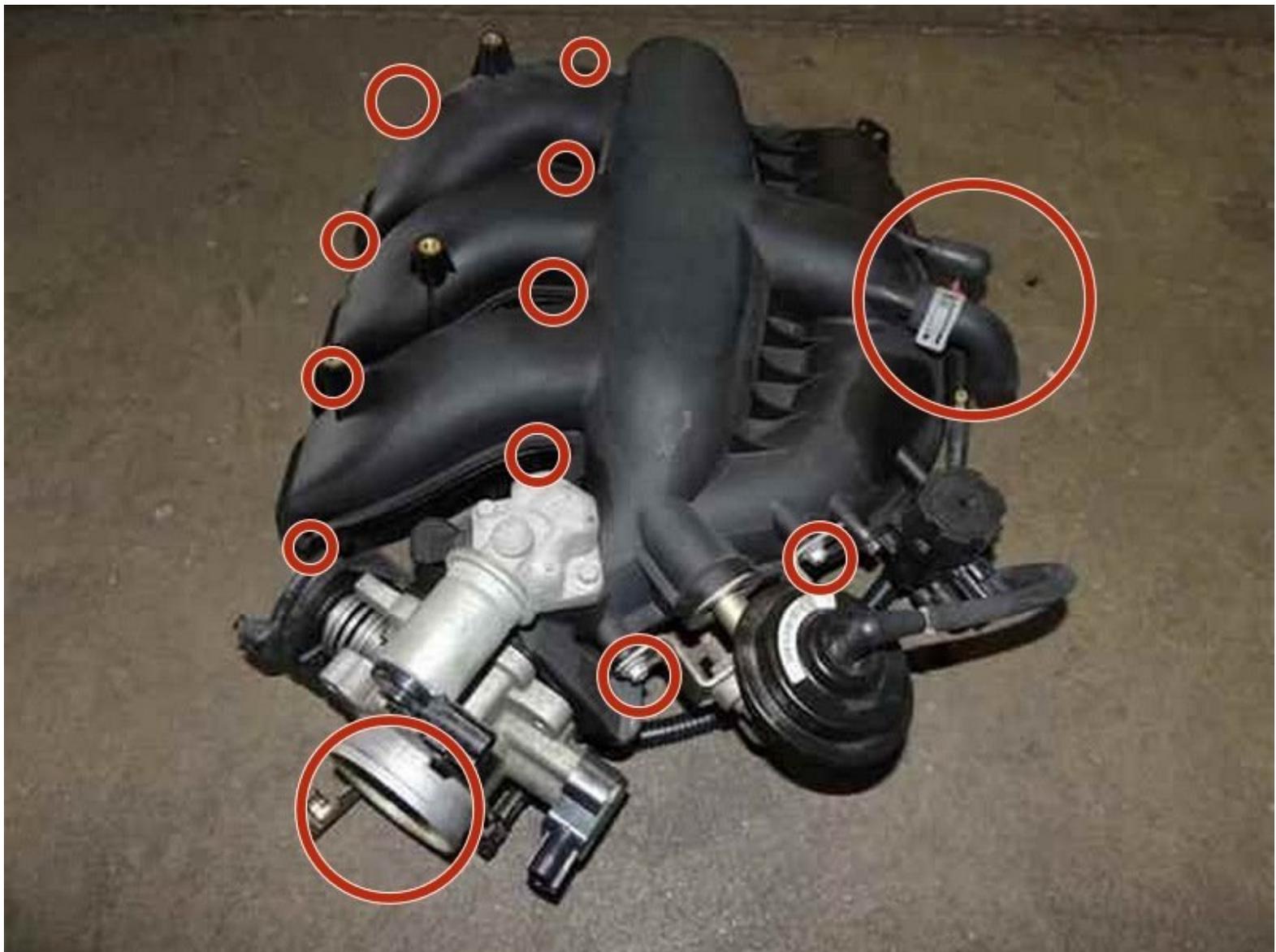
INTRODUCTION

This guide will help you resolve the misfire in any of the cylinders in a Mazda Tribute 2001 4x4 6 cylinder SUV. I fix it when an expert could not do it. I end up paying $800.00 for nothing. Hope this help you.

🔧 TOOLS:

- Flush Cutter (1)
- Socket 8mm (1)
- Multimeter (1)
- 3/8 inch Drive Socket Ratchet Extension (1)
- Socket Wrench (1)

⚙ PARTS:

- ECM/PCM 555 Connector Crimp Sockets (5)

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## Step 1 — How to fix 2000-2007 Mazda Tribute cylinder misfire

- Start removing all the mark parts in red circles. (upper bolts from the intake manifold,hoses,vacuum hoses,filter tube,etc)

Step 2
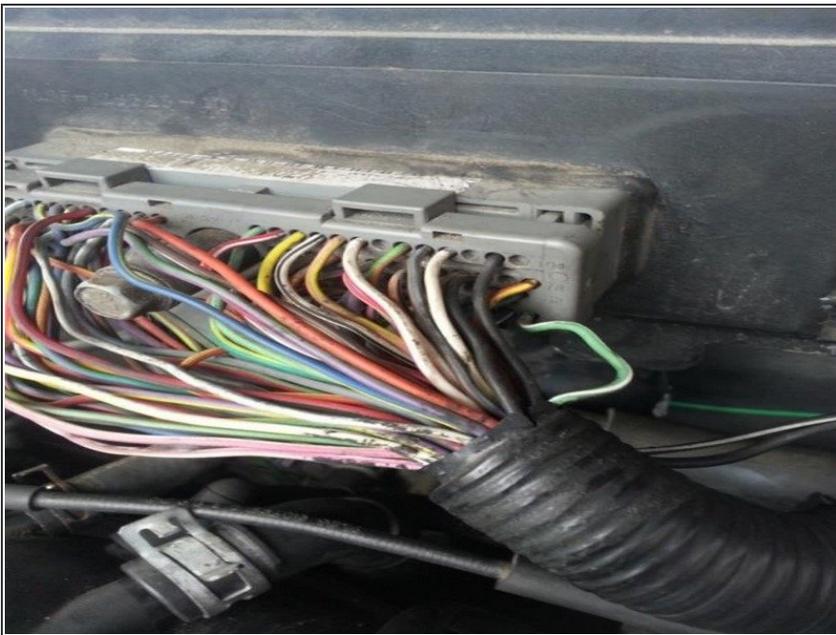
- Remove the connector from the PCM

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Step 3
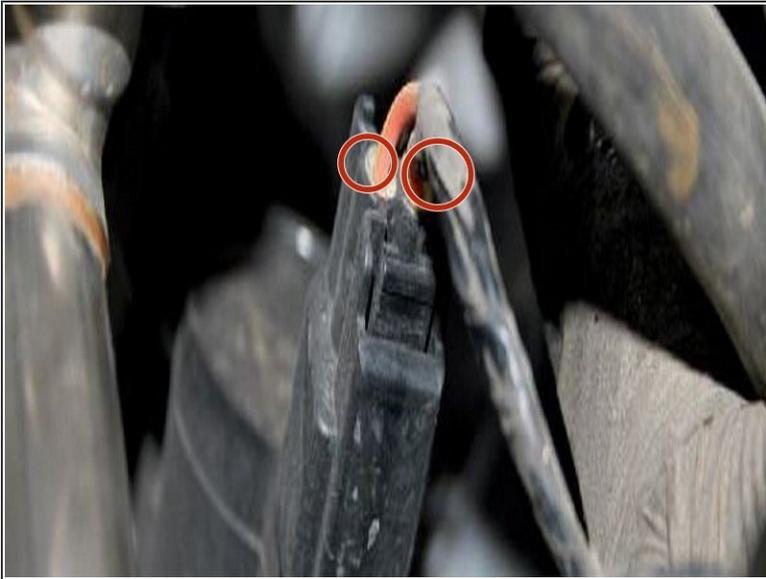
- The ignition coil should get around 1.5 volts to work (at least in my truck) this will change constantly due to the cylinder position. Measure between using the two cables from the coil pack connector

- The cylinder fire like this: 1,4,2,5,3,6. So if you don't get the voltage and you get half 0.542v this mean the any of the cable running from the coil to the pcm is broken (most common problem is in the pcm due to the position)

- First measure the voltage from all the coils. If you get around 1.5v in all of them we will start replacing the coil pack. ej misfire cyl #1 - we place coil pack #1 in cylinder # 4 - this is to make sure you have a bad coil pack.

Step 4 — Test for continuity
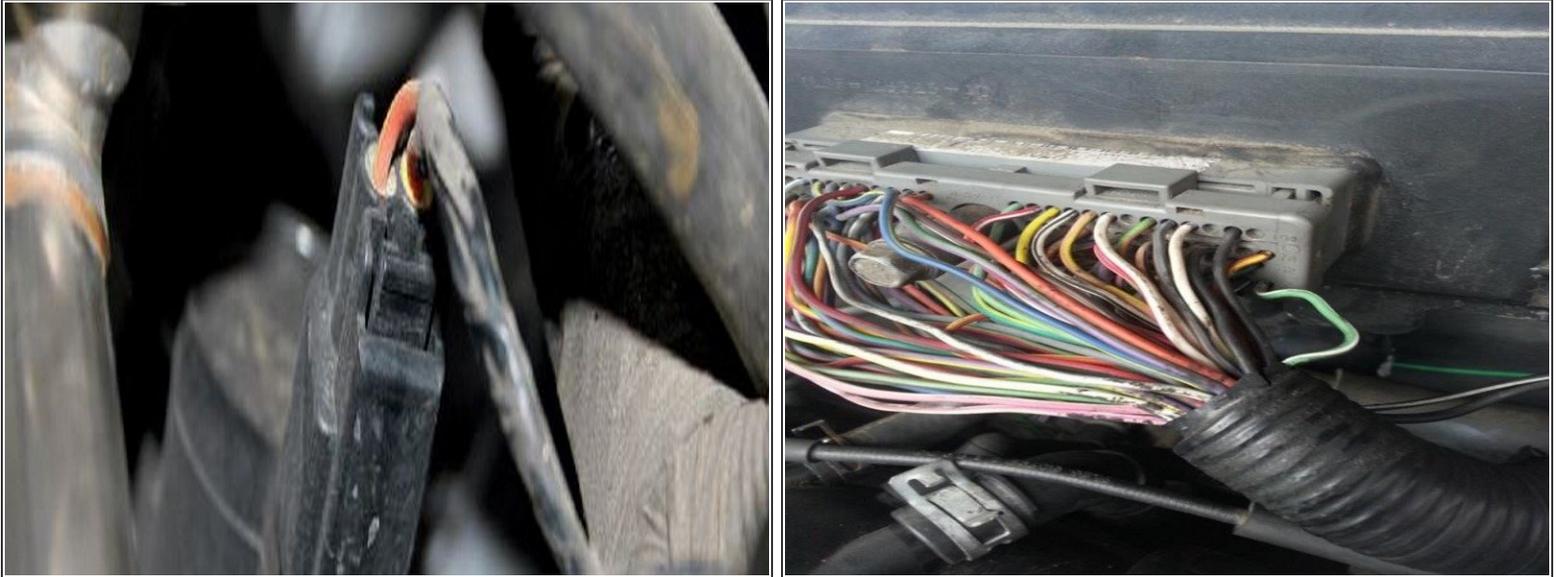
- Test for continuity from the bad cylinder (coil pack connector the pcm) all cables have different color so it will be easy to identify. (most of them are in the right corner)

- ⓘ In case you don't get continuity this means the cable is broken (use a jumper until you get continuity). Test the connector with the jumper cable connected. Assembly the intake manifold and re-test.

To reassemble your device, follow these instructions in reverse order.