



**Chrysler RWD  
42RE  
Setting Code P0132**

File: 42RE  
Date: 7/29/05

## Setting Code P0132

Paul Yaklin of Daytona Beach, FL recently had a 1999 Dodge Dakota 3.9L vehicle come into the center. After overhauling the unit, the vehicle set the trouble code P0132 (O2 Sensor Shorted to Voltage). It was also running poorly and it was experiencing TCC cycling at 45 mph.

While checking under the vehicle they found and repaired a nicked wire at the O2 sensor, however, that did not fix the vehicle problems.

After further troubleshooting they replaced the O2 sensor, bypassed the O2 sensor signal wires, and even installed a good ECM, but none of this fixed the problems.

The problem was finally diagnosed as a blown O2 sensor heater fuse, located in the under hood fuse box. The blown fuse was a result of the nicked O2 sensor wire. Since the O2 heaters did not work with the blown fuse, the O2 sensor voltage would not drop as fast as the ECM expected, and code P0132 was set. This vehicle is capable of several different O2 sensor heater failure codes, but none were ever set.

The O2 sensor voltage (with properly working heaters) will easily drop from around 4.97v at cold start-up down to less than 1v within about 1 minute run time. (NOTE: These voltage readings will only apply to heated type sensors.) If the heaters are not working it may take up to 4 minutes even with the engine running at 2500 rmp or more. Since the voltage was too high for too long (without the heaters) the ECM evidently interpreted the problem as a short to voltage and set the code.

The new fuse installed and the O2 heaters working correctly fixed the problems.

### Thanks Paul!

For your tip on Setting Code P0132!

Your \$50.00 check is on the way.

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