







Direct-Hit



2005 Nissan Quest 3.5L

Test Details ▼

Hotline Archive # 268660

 **Confirmed Fix****Vehicle Application:** 2004 Nissan Murano 3.5L, USA/Canada 2004 Nissan Quest 3.5L, USA/Canada**Customer Concern:** Malfunction Indicator Light (MIL) is ON. Bank 1 catalytic converter code P0420.**Tests/Procedures:**
1. Check scan data for fuel trims to see if the system is in proper fuel control - look for 0% plus or minus 10% in generic or 90 - 110 % alpha in manufacture specific.
2. Verify there are no exhaust leaks.
3. Drive the vehicle and check the bank 1 rear O2 sensor activity on the scan tool or with a voltmeter to see if the bank 1 rear O2 sensor is cross counting like a typical front O2 sensor would.**Potential Causes:** Catalytic Converter**Tech Tips:** If in manufacture specific with the scan tool, Nissan displays fuel trims in alpha. 100% alpha is the same as 0% fuel trim. This vehicle has front air fuel ratio sensors - not O2 sensors. Bank 1 is the firewall bank. Bank 2 is the radiator bank. Before the catalytic converter lights off, the rear O2 sensor voltage is usually down around 0.2 - 0.4 volts or so but when the catalytic converter lights off, it uses up a lot of the oxygen so the rear O2 sensor voltage will typically reads around 0.6 - 0.7 volts and have some movement but not a lot of movement and should not cross count above and below 0.5 volts. The catalytic converter is covered under the 8 year 80,000 mile federal emissions warranty.**Diagnostic Codes:** P0420**Author:** Paul Kujawa**Average Reported Mileage:** 138000**Confirmed Fix Summary** ▼ **Confirmed Fix** 3 - Catalytic Converter
1 - Bank 1 Catalytic Converter, Heated Oxygen Sensor (HO2S) Bank 1 Sensor 2**Confirmed Fix Details** ▼

Tech	Reported Fix Details	 Confirmed Fix
Kevin James January 15, 2009	 2005 Nissan Quest, SE 3.5L * Replaced Catalytic Converter - <i>Converters were replaced and that fixed our problem.</i>	Catalytic Converter
Doug Miller September 10, 2009	 2004 Nissan Murano, 3.5L, USA/Canada * Replaced Catalytic Converter - <i>bank one (rear) cat</i>	Catalytic Converter
KwikKar01 January 14, 2010	 2006 Nissan Altima, SE 3.5L * Replaced Catalytic Converter - <i>cat</i>	Catalytic Converter
BSRO Technician September 10, 2009	 2006 Nissan Quest, S 3.5L * Replaced Bank 1 Catalytic Converter Replaced Heated Oxygen Sensor (HO2S) Bank 1 Sensor 2 - <i>REPLACED CATALYST ASSEMBLY WITH OXYGEN SENSOR</i>	Bank 1 Catalytic Converter, Heated Oxygen Sensor (HO2S) Bank 1 Sensor 2

 - Confirmed Fix - Exact Vehicle Match - Confirmed Fix - Similar Vehicle Match

* - Indicates a Similar Vehicle - Not an exact match to the vehicle selected

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