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## MY SUMMARY

### YOUR VEHICLE'S HEALTH STATUS



**ENGINE:** There is a problem that has caused your Check Engine light to turn on; service is required. A recommended solution is provided in this report.

**EMISSIONS:** Your vehicle could be polluting the environment and will likely FAIL an emissions (smog) test.

### MY CURE

Engine / Transmission	Parts Cost	Parts + Labor
Estimated Cost	<b>\$1,963.50</b>	<b>\$2,518.50</b>

### TEST RESULTS SUMMARY

	Check Engine Light Status = <b>ON</b>		Ready for Emission Test? = <b>Not Ready</b>
	Primary (Check Engine) Code = <b>P0740</b>		Available Technical Service Bulletins* = <b>117</b>
	Secondary Codes = <b>None</b>		Available Safety Recalls = <b>0</b>

### VEHICLE INFORMATION

VIN:	<b>1C4GP54L0YB507122</b>	Transmission Reported:	<b>Automatic</b>
Year:	<b>2000</b>	Owner Name:	<b>John Smith</b>
Make:	<b>Chrysler</b>	Date of Report:	<b>9/17/2009 8:57:03 PM</b>
Model:	<b>Town &amp; Country</b>	Mileage Reported:	<b>90044</b>
Engine:	<b>V6, 3.8L</b>	Test Report ID:	<b>N/A</b>
Trim Level:	<b>LXi</b>	Kiosk Location:	<b>N/A</b>

## MY DIAGNOSIS

CarMD has tested your vehicle's On Board Diagnostic system and has discovered the following conditions during its inspection:



## CHECK ENGINE LIGHT CODE

This is the code that caused your "Check Engine" light to turn on and it is the primary code that was used to determine your vehicle's cure

<b>Error Code</b>	<b>P0740</b>
<b>Definition</b>	<b>A/T Torque Converter Clutch - No RPM Drop At Lockup</b>

### Possible Causes:

**Internal transmission component fault (Input or Reaction shaft) Internal transmission leakage (valve body leaking or seal rings) Converter clutch valve or clutch timing valve is sticking TCC assembly has failed**

### Condition For Setting The Code:

**Engine started; vehicle driven at over 1750 rpm at 50 mph for 20 seconds, TCC command at 100%, and the PCM detected the engine speed was not within 60 rpm of ISS speed with the TP angle less than 30 degrees. The test must fail 3 times on one trip to set a code.**

Technical Service Buletin (TSB) Available? **No**



## STORED DIAGNOSTIC CODES

At times, other codes are set and stored whenever a major problem is detected. These codes are usually related to why your Check Engine light was set. Below are the additional stored codes:

<b>Error Code</b>	<b>P0740</b>
<b>Definition</b>	<b>A/T Torque Converter Clutch - No RPM Drop At Lockup</b>

### Possible Causes:

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**Engine started; vehicle driven at over 1750 rpm at 50 mph for 20 seconds, TCC command at 100%, and the PCM detected the engine speed was not within 60 rpm of ISS speed with the TP angle less than 30 degrees. The test must fail 3 times on one trip to set a code.**

Technical Service Buletin (TSB) Available? **No**



## MONITOR STATUS INFORMATION

The provided results below also help determine if your vehicle is ready for an **Emissions Test** (Smog Check). Your vehicle is most likely ready for an inspection if all supported monitors show a **COMPLETE** status and **MIL** is **OFF**.

Monitor Name	Monitor Icon	Status
MIL (Check Engine Light)		<b>ON</b>
Misfire Monitoring		<b>Complete</b>

Fuel System Monitoring	<b>F</b>	<b>Complete</b>
Comprehensive Component Monitoring	<b>CC</b>	<b>Complete</b>
Catalyst Monitoring	<b>C</b>	<b>Not complete</b>
Heated Catalyst Monitoring	<b>HC</b>	<b>Not Supported</b>
Evaporative System Monitoring	<b>EV</b>	<b>Not complete</b>
NMHC Monitoring	<b>NM</b>	<b>Not Supported</b>
NOxAdsorber Monitoring	<b>N</b>	<b>Not Supported</b>
Secondary Air System Monitoring	<b>2A</b>	<b>Not Supported</b>
Oxygen Sensor Monitoring	<b>O</b>	<b>Not complete</b>
Oxygen Sensor Heater Monitoring	<b>OH</b>	<b>Not complete</b>
EGR System Monitoring	<b>E</b>	<b>Not Supported</b>
Boost Pressure System Monitoring	<b>BP</b>	<b>Not Supported</b>
Exhaust Gas Sensor Monitoring	<b>EG</b>	<b>Not Supported</b>
PM Filter Monitoring	<b>P</b>	<b>Not Supported</b>

## FREEZE FRAME DATA

This is your vehicle's operating condition, which was recorded at the time the failure occurred and the **Check Engine** light was set. This information is valuable when performing the fix yourself or if you are having a professional technician perform the repair. The theory is to recreate these parameters to ensure that the problem was indeed corrected.

Parameter Description	Results
DTC for which Freeze Frame was Stored	<b>P0740</b>
Fuel System 1 Status	<b>Open Loop</b>
Fuel System 2 Status	<b>Not Supported</b>
Calculated LOAD Value	<b>0.00 %</b>
Engine Coolant Temp	<b>-40.00 °F</b>
Short Term Fuel Trim - Bank 1	<b>99.22 %</b>
Long Term Fuel Trim - Bank 1	<b>0.00 %</b>
Intake Manifold Absolute Pressure	<b>36.42 inHg</b>
Engine RPM	<b>0.00 rpm</b>
Vehicle Speed Sensor	<b>0.00 mph</b>
Ignition Timing Advance #1 Cylinder	<b>10.00 °</b>
Intake Air Temperature	<b>35.60 °F</b>

Air Flow Rate Mass Air Flow Sensor	0.00 lb/min
Absolute Throttle Position	0.00 %
Commanded Secondary Air Status	Atmosphere / Off
Oxygen Sensor Output Voltage (B1-S1)	1.07 V
Short Term Fuel Trim (B1-S1)	99.22 %
Oxygen Sensor Output Voltage (B1-S2)	0.00 V
Short Term Fuel Trim (B1-S2)	99.22 %
Oxygen Sensor Output Voltage (B1-S3)	0.00 V
Short Term Fuel Trim (B1-S3)	99.22 %

## MY CURE

There are **2** possible fix(es) associated with the diagnostic codes retrieved by **CarMD**. These fixes (or cures) were derived from actual real world repairs taken from qualified ASE Certified Technicians across the U.S. Estimated repair costs are based on parts & labor specific to the actual fix; with parts based on average MSRP and labor based on average National Labor Rates by region.

### MOST LIKELY FIX

Based on technician feedback, this fix offers the highest probability to resolve the problem.

Recommended Fix:	<b>Replace Transmission Assembly</b>		
Parts Required	Unit Cost	Quantity	Total
<b>Transmission Assembly</b>	<b>\$1,963.50</b>	<b>1</b>	<b>1963.50</b>
Labor Required			
<b>Estimated Labor</b>	<b>\$75.00</b>	<b>5.4hrs.</b>	<b>\$405.00</b>
<b>Miscellaneous</b>			<b>\$150.00</b>
<b>Estimated Parts Cost:</b>			<b>\$1,963.50</b>
<b>Estimated Repair Shop Cost (Parts + Labor):</b>			<b>\$2,518.50</b>

### OTHER POSSIBLE FIXES

These fixes were also found by technicians across the country to solve the problem. However, these have a lower probability in repairing the problem. Follow this recommendation when the Most Likely Fix does not resolve the problem.

Recommended Fix:	<b>Replace Transmission Pressure Solenoid Assembly</b>		
Parts Required	Unit Cost	Quantity	Total
<b>Transmission Solenoid Switch Assembly</b>	<b>\$224.40</b>	<b>1</b>	<b>\$224.40</b>

Labor Required			
Estimated Labor	\$75.00	1.1hrs.	\$82.50
Miscellaneous			\$25.00
Estimated Parts Cost:			\$224.40
Estimated Repair Shop Cost (Parts + Labor):			\$331.90

## STAYING HEALTHY

Keep your vehicle running safely and healthy! CarMD offers the following resources to keep your vehicle in optimum condition. Continue checking this section as we bring you additional information. Tell us what else you would like to see in this section. [Send us an email](#) of what you'd like to see in this section

### TECHNICAL SERVICE & SAFETY RECALL INFORMATION

Your **2000 Chrysler Town & Country** has **117** technical service bulletins and **0** safety recall notices.

TECHNICAL SERVICE BULLETINS		SAFETY RECALL NOTICES
System Type	No. of TSBs	<b>0</b>
Accessories and Fluids	<b>14</b>	
Body	<b>20</b>	
Brake	<b>5</b>	
Electrical	<b>19</b>	
Emission Control	<b>9</b>	
Powertrain	<b>20</b>	
Fuel & Spark	<b>6</b>	
HVAC	<b>4</b>	
Steering & Suspension	<b>16</b>	
Tools & Hardware	<b>3</b>	
Wiper and Washer	<b>1</b>	

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