



Availability Of LT5 Service Parts

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Nearly every week I receive a phone call from someone wondering if parts availability should be a factor in the decision to buy a ZR-1.

- **In general, parts are available, just not from the traditional convenient source, GM dealers.**
- **In general, the commonly needed repair parts are easy to find.**

For example, sensors, gaskets, ignition parts, fuel system parts.

- **In general, parts that you probably won't need are hard to find.**

For example, cylinder heads, a block, camshafts.



I do not run a significant parts business. We are primarily a service business upgrading the performance of ZR-1s.

In the course of our work we use large amounts of replacement parts. We have never had a major problem due to unavailability of a part.

Here's a short rundown of commonly needed parts and where they are currently available.



Major Electrical Parts

- **ECM. Unique to the LT5. A Delco repaired unit is GM pn 19152968 = Delco 371-648. Must supply a core and a VIN.**
- **Starter. New, GM 10455704. Reman. Delco 336-1118. A Nippondenso product. Component parts are used on many Asian applications.**
- **Alternator. Reman., GM 19152098 = Delco 371-567. Component parts are used on many GM applications.**
- **Ignition module. Unique to the ZR-1. Rarely needed.**
- **Cal-Packs are erasable and recyclable forever.**



Gaskets

There Are Four Sources To Choose From.

jerrysgaskets.com

GM SPO

flatoutgaskets.com

whiteracingproducts.com



Clutch Hydraulics

Master: Raybestos CMA 39763

Carquest PBR 962535 Iron

Dorman CM 39763 OE Style Steel Type

Slave: Raybestos SC 360017

Carquest BRK 155334 Iron

Dorman CS 360017 Iron

Small Electrical Parts

- **Oxygen sensor.** '90- '92 is the universal fit, GM 25176708 = Delco 213-633. About 120 other applications.
- **MAP sensor.** GM 16137039 = Delco 213-632. '85- '91 C1500 trucks.
- **Secondary vacuum sensor.** GM 16231141. '95 Chevy, '87 Cadillac.
- **Secondary vacuum solenoid.** A common EGR control. Over 100 applications.
- **Secondary vacuum pump.** GM 94669091. Yukon truck application. '90's need connector.
- **Air temperature sensor.** A common GM part.
- **Coolant temperature sensor.** A common GM part.



Ignition Parts

- **The coils have a GM part number that is unique to the LT5, 10467067 . MSD and Accel coils seem to work well.**
- **Wires. The GM part is unique to the LT5, 12073977. MSD has a product that fits well.**



Water Pump

- **GM 10159599 = Delco 251-561**
- **NAPA. Has a substitute impeller.**
- **Autozone has new and reman units**
- **Reconditioned units will be possible as long as there are worn out units**



Secondary Throttle Parts

- **Not too important, except that they are needed for best low emissions performance**
- **It's easy to repair the tubing assembly**
- **Many people are removing the secondary throttles. Take out parts should be available.**
- **The vacuum pump from a Yukon truck is a drop in for '91 – '95 cars. '90 cars can use the pump with connector 12102747.**



Hoses

- **The oil cooler assembly is easy to fabricate**
- **Samco makes a set of six hoses for the front of the engine. Number, TCS45C.**
- **Other hoses can be found to fit**



ZF Transmission

zfdoc.com

- Other sources
- The rear seal from a TH400 fits



Clutch

- Available from many sources
- Valeo has discontinued the ZR-1 pressure plate. The L98 pressure plate is being substituted by some suppliers. The L98 unit is 3/8" thinner. L98 pressure plate bolts are needed. Works great for heavy duty street use. For drag racing the ZR-1 unit is best for up to 550 hp.
- RAM makes a push clutch conversion



Who Is Going To Step Up To The Plate?

I think that the ZR-1 parts market is just the right size for the budding entrepreneur.

Small enough for an easy start. Too small to interest big companies.

Big enough for a small business to make a profit.

Most of the ZR-1's will still be around 100 years from now.



Our Parts

Emblems

Rod Bolts

Camshaft Bolts

Oil Cooler Hose

Chain Guide Facing

Water Pump

Coolant Hoses



Top Ten ZR-1 Repair Items



10. Selective Ride Control

Actuators and shocks are available from madvet.com.

Bushings from Energy Suspension.

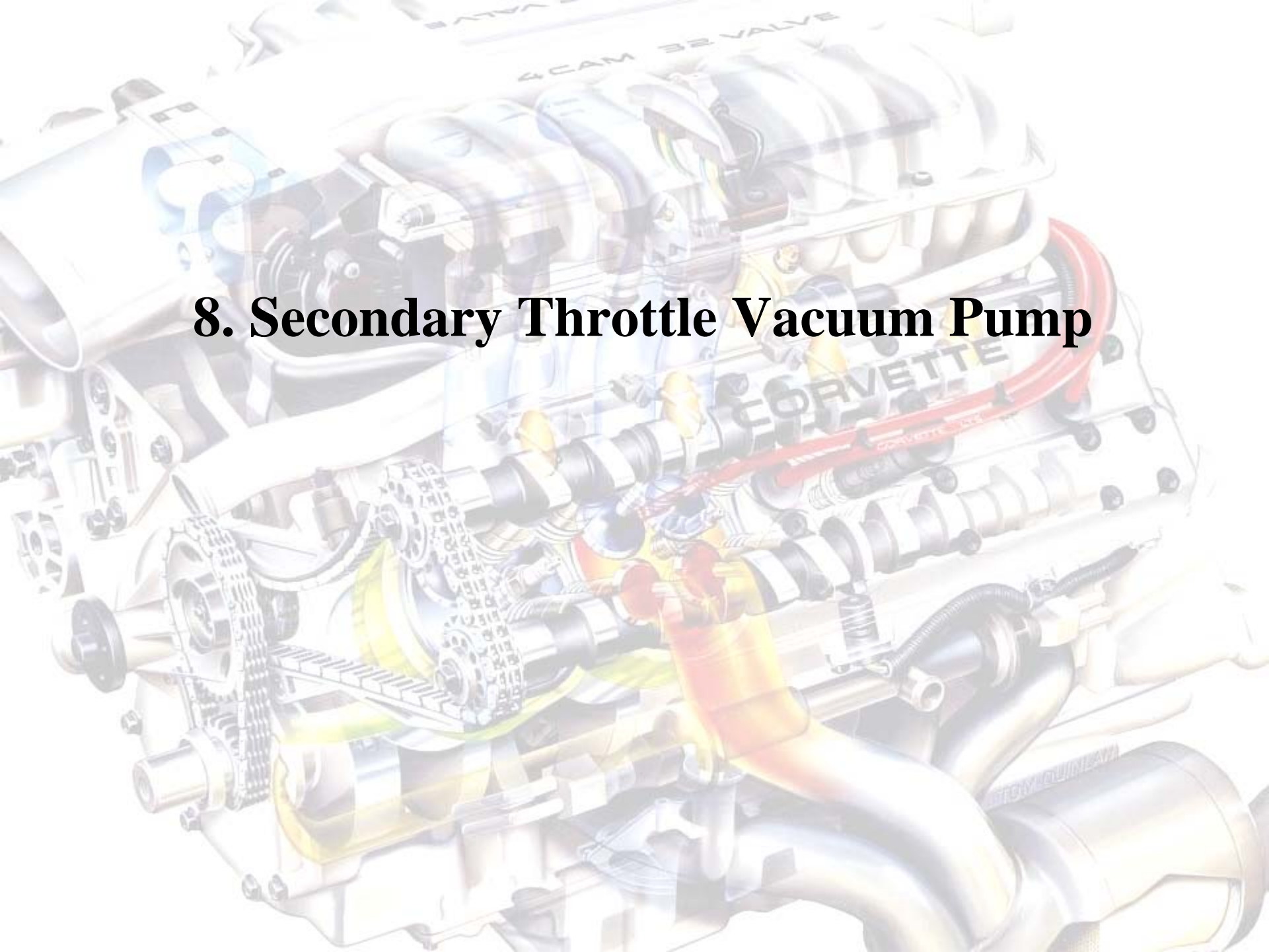


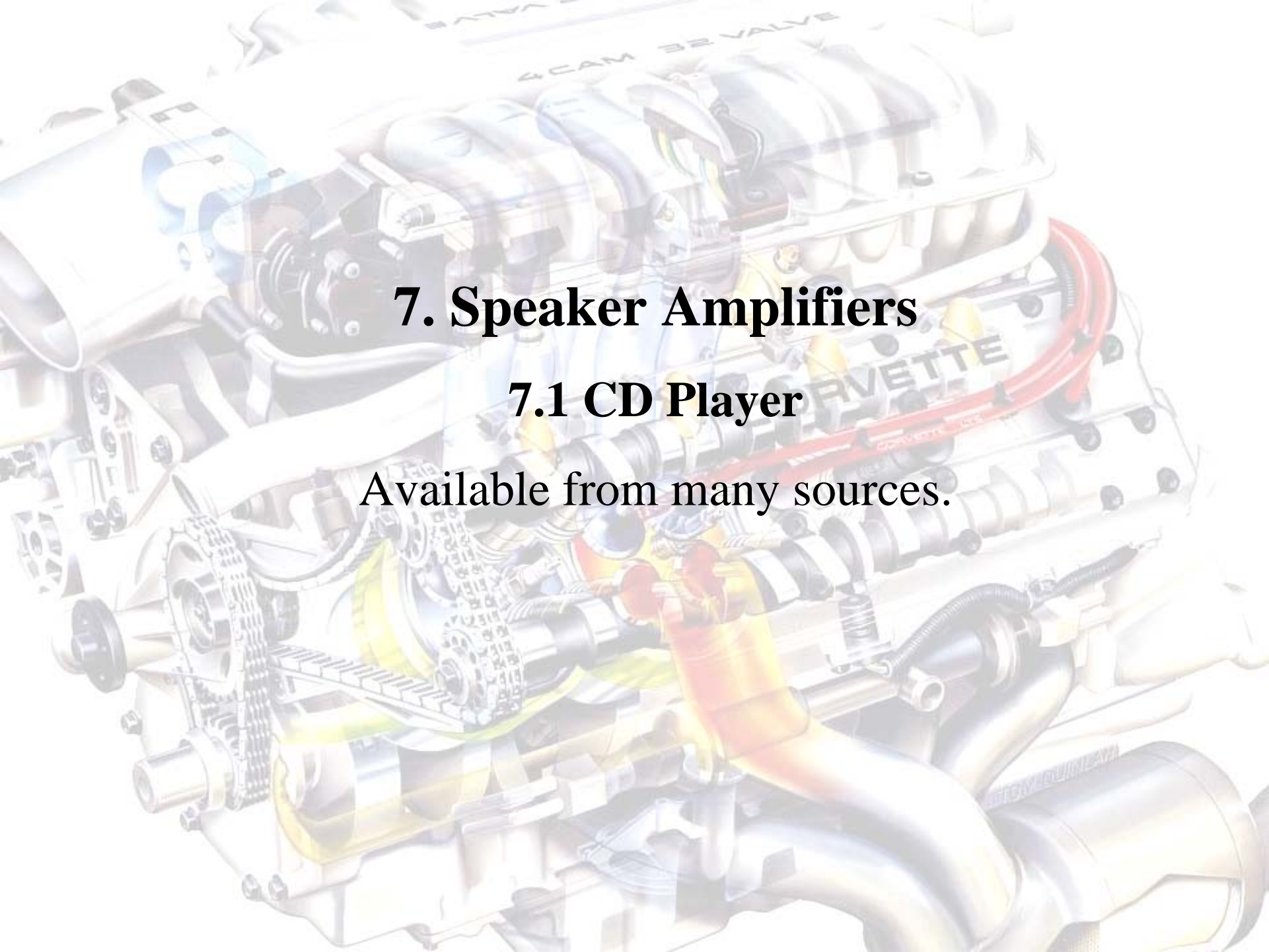
9. Lumbar Pump Diaphragm

'90 – '93 Cars Only.

Repair with a rubber sheet or from madvet.com.

8. Secondary Throttle Vacuum Pump





7. Speaker Amplifiers

7.1 CD Player

Available from many sources.



6. Oil Pan Leak

Tightening all of the bolts will usually reduce the seepage by 90%.



5. High Idle Speed

Vacuum leaks.

Sticky throttle.



4. Runs Hot

Debris in the radiator.

Must be removed to clean it 100%.



3. Clutch Hydraulics



2. Oil Cooler Hose Leak

'90 – '92 ½ Cars Only.



1. Shorted Fuel Injector

'90 – '92 Cars Only.

Accel 150821 is a perfect flow match.

Installation notes are at zr1specialist.com.

Click on, “Articles”.



This Presentation Is Available At:

ZR1Specialist.com

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