

2.2 L61 Engine Crank , No Start - kw break broken chain cylinder head knock lubrication no noise nostart nozzle oil timing #PI00434A - (Mar 22, 2004)

2.2 L61 Engine Crank No Start

When servicing the vehicle with the VIN you entered, the following diagnosis might be helpful if the vehicle exhibits the described symptoms.

Condition/Concern:

Engine will crank but not start, also makes noise while cranking. Condition may be caused by a broken timing chain.

Recommendation/Instructions:

1. Install service kit p/n 12578218 which includes: A. A new S-Pin Chain p/n 24461834 B. A constant (no check valve) lubrication nozzle p/n 12577163 C. And drive parts.
2. Repair after a broken timing chain should include inspection of the cylinder head, the L61 engine is a valve interference engine (not free spinning).

Please follow this diagnosis process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed. If these steps do not resolve the condition, please contact GM TAC for further diagnostic assistance. This diagnostic approach was developed for the vehicle with the VIN you entered and should not be automatically be used for other vehicles with similar symptoms.

Models:

2002-2003 Chevrolet Cavalier) and (2002-2003 Pontiac Sunfire) and (2002-2003 Oldsmobile Alero) and (2002-2003 Pontiac Grand Am)

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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