



Service Bulletin

File In Section: 02 - Steering

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INFORMATION

Subject: Information on Inadvertent Turning of Key Cylinder, Loss of Electrical System and No DTCs

Models: 2005-2006 Chevrolet Cobalt
2006 Chevrolet HHR
2005-2006 Pontiac Pursuit (Canada Only)
2006 Pontiac Solstice
2003-2006 Saturn ION

There is potential for the driver to inadvertently turn off the ignition due to low ignition key cylinder torque/effort.

The concern is more likely to occur if the driver is short and has a large and/or heavy key chain. In these cases, this condition was documented and the driver's knee would contact the key chain while the vehicle was turning and the steering column was adjusted all the way down. This is more likely to happen to a person who is short, as they will have the seat positioned closer to the steering column.

In cases that fit this profile, question the customer thoroughly to determine if this may be the cause. The customer should be advised of this potential and should take steps to prevent it – such as removing unessential items from their key chain.

Engineering has come up with an insert for the key ring so that it goes from a "slot" design to a hole design. As a result, the key ring cannot move up and down in the slot any longer – it can only rotate on the hole. In addition, the previous key ring has been replaced with a smaller, 13 mm design. This will result in the keys not hanging as low as in the past.

Parts Information

Part Number	Description
15842334	Cover, Or Lk & Ign Lk Key

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General Motors Technical Service Bulletins

Phil Edmonston



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General Motors World ,1928 **General Motors Corporation v Department of Treasury, 466 Mich 231 (2002)** ,2002 116984 **Lemon-Aid New Cars and Trucks 2013** Phil Edmonston,2012-12-01 Offers advice for prospective buyers of cars and trucks reveals information on secret warranties and confidential service bulletins and tells how to complain and get results **Lemon-Aid New Cars and Trucks 2012** Phil Edmonston,2011-12-03 Phil Edmonston Canada s automotive Dr Phil pulls no punches He says there s never been a better time to buy a new car or truck thanks to a stronger Canadian dollar and an auto industry offering reduced prices more cash rebates low financing rates bargain leases and free auto maintenance programs In this all new guide he says Audis are beautiful to behold but hell to own biodegradable transmissions rodent snack wiring and mind boggling depreciation Many 2011 12 automobiles have chin to chest head restraints blinding dash reflections and dash gauges that can t be seen in sunlight not to mention painful wind tunnel roar if the rear windows are opened while underway Ethanol and hybrid fuel saving claims have more in common with Harry Potter than the Society of Automotive Engineers GM s 2012 Volt electric car is a mixture of hype and hypocrisy from the car company that killed its own electric car more than a decade ago You can save 2 000 by cutting freight fees and administrative charges Diesel annual urea fill up scams cancost you 300 including an 80 handling charge for 25 worth of urea Lemon Aid s 2011 12 Endangered Species List the Chinese Volvo the Indian Jaguar and Land Rover the Mercedes Benz Smart Car Mitsubishi and Suzuki **Popular Mechanics Complete Car Care Manual** Popular Mechanics,2008 Vehicle maintenance **Popular Mechanics** ,2004-11 Popular Mechanics inspires instructs and influences readers to help them master the modern world Whether it s practical DIY home improvement tips gadgets and digital technology information on the newest cars or the latest breakthroughs in science PM is the ultimate guide to our high tech lifestyle **Auto Repair** United States. Congress. House. Committee on Interstate and Foreign Commerce. Subcommittee on Consumer Protection and Finance,1979 **Automobile Warranty and Repair Act** United States. Congress. House. Committee on Interstate and Foreign Commerce. Subcommittee on Consumer Protection and Finance,1980 **Safety Related Recall Campaigns for Motor Vehicles and Motor Vehicle Equipment, Including Tires** United States. National Highway Traffic Safety Administration,1976 **Lemon-Aid Used Cars and Trucks 2009-2010** Phil Edmonston,2009-02-16 For the first time in one volume Phil Edmonston Canada s automotive Dr Phil covers all used vehicles packing this guide with insider tips to help the consumer make the safest and cheapest choice possible from cars and trucks of the past 25 years **How to Swap GM LT-Series Engines into Almost Anything** Jefferson Bryant,2020-09-21 Discover the latest GM swap technology in this all new comprehensive LT swapper s guide The GM LS engine has dominated the crate and engine swap market for the past 20 years and now the new LT engine has become a popular crate engine for swap projects as well As essentially the next generation LS the LT features a compact footprint lightweight design and traditional V 8 pushrod architecture similar to its

predecessor so it swaps easily into many classic cars hot rods and even foreign sports cars The new LT1 LT4 takes a bold step forward in technology using active fuel management direct injection an upgraded ignition system continuous variable valve timing and a wet or dry sump oiling system With this advanced technology and higher performance more engine swappers are using the LT platform Swapping expert and longtime author Jefferson Bryant presents thorough instruction for each crucial step in the LT swap process Although the new LT shares the same basic engine design with the LS almost all of the LT engine parts have been revised and updated As a result the mounting process has changed substantially including motor mount location K member mounting process and component clearance all these aspects of the swap are comprehensively covered The high compression direct injected engines require higher pressure fuel systems so the fuel pump and fuel lines must be compatible with the system LTs also feature revised bellhousing bolt patterns so they require different adapter plates The oil pan profile and oiling systems are unique and this can present crossmember clearance problems All other important aspects of the swap process are covered including accessory drives and cooling systems engine management systems tuning software controllers and exhaust so you can install the LT in popular GM A and F Body platforms as well as almost any other chassis Solutions for the major swapping challenges parts compatibility and clearance issues are provided Muscle car hot rod truck and sports car owners have embraced the new LT platform and the aftermarket has followed suit with a wide range of products to facilitate swap projects This book affords comprehensive guidance so you can complete a swap with confidence If you have a project in the works are planning a project in the near future or if you simply want to learn how the swap process takes place this book is for you *Lemon-Aid New Cars and Trucks 2011* Phil Edmonston, 2010-11-11 As U S and Canadian automakers and dealers face bankruptcy and Toyota battles unprecedented quality control problems Lemon Aid guides steer the confused and anxious buyer through the economic meltdown unlike any other car and truck books on the market Phil Edmonston Canada s automotive Dr Phil for more than 40 years pulls no punches In this all new guide he says Chrysler s days are numbered with the dubious help of Fiat Electric cars and ethanol power are PR gimmicks Diesel and natural gas are the future Be wary of zombie vehicles Jaguar Land Rover Saab and Volvo Mercedes Benz rich cars poor quality There s only one Saturn you should buy Toyota enough apologies when you mess up fess up **Lemon-Aid Used Cars and Trucks 2010-2011** Phil Edmonston, 2010-05-11 The automotive maven and former Member of Parliament might be the most trusted man in Canada an inverse relationship to the people he writes about The Globe and Mail Lemon Aid shows car and truck buyers how to pick the cheapest and most reliable vehicles from the past 30 years of auto production This brand new edition of the bestselling guide contains updated information on secret service bulletins that can save you money Phil describes sales and service scams lists which vehicles are factory goofs and sets out the prices you should pay As Canada s automotive Dr Phil for over 40 years Edmonston pulls no punches His Lemon Aid is more potent and provocative than ever *Automotive Repair Industry* United States. Congress. Senate. Committee on the

Judiciary. Subcommittee on Antitrust and Monopoly,1970 *Lemon-Aid New Cars and Trucks 2010* Phil Edmonston,2009-11-01 This compendium of everything that's new in cars and trucks is packed with feedback from Canadian drivers insider tips internal service bulletins and confidential memos to help the consumer select what's safe reliable and fuel frugal Popular Mechanics ,1997-11 Popular Mechanics inspires instructs and influences readers to help them master the modern world Whether it's practical DIY home improvement tips gadgets and digital technology information on the newest cars or the latest breakthroughs in science PM is the ultimate guide to our high tech lifestyle *Lemon Aid Guide 2003 SUVs, Vans and Trucks* Louis-Philippe Edmonston,2002-11 **Handbook of Adhesives** Irving Skeist,2012-12-06 Adhesives are indispensable They are required plating agents and other key ingredients Special in myriad products aircraft and abrasives cars attention is given to such flourishing categories and cartons shoes and safety glass tape and as acrylics anaerobics cyanoacrylates poly urethanes epoxy resins polyvinyl acetate high tires This Third Edition of Handbook of Adhesives like the 1962 and 1977 editions seeks temperature adhesives hot melts silicones and to provide the knowledge needed for optimum silanes selection preparation and utilization of adhesive The last 14 chapters on adherends and bond sives and sealants The information is detailed in technology involve the auto industry air and explicit with several hundred illustrative craft electronics the bonding of wood formulations textiles rubber and plastics construction ab Expert information has been supplied in 47 rasives pressure sensitives nonwovens and chapters written by 70 industry specialists pro sealants Mechanical handling of two compo fessors and consultants Five chapters on fun nent systems is examined The concluding damentals provide the theoretical and economic chapter highlights the exciting progress that is underpinnings why adhesives work how they being made in the use of robotics to apply adhesive are selected how the surface is prepared how adhesives techniques already far advanced in au they are applied how they are set how the automotive assembly cured joint is tested Hearings, Reports and Prints of the Senate Committee on the Judiciary United States. Congress. Senate. Committee on the Judiciary,1970

Pick Manufacturing Company V. General Motors Corporation ,1934

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