



Recall Bulletin



PRODUCT SAFETY RECALL

SUBJECT: Lower Control Arm Ball Joint Retaining Bolt Loose

MODELS: 2014 Chevrolet Spark

It is a violation of Federal law for a dealer to deliver a new motor vehicle or any new or used item of motor vehicle equipment (including a tire) covered by this notification under a sale or lease until the defect or noncompliance is remedied.

All involved vehicles that are in dealer inventory must be held and not delivered to customers, dealer traded, or used for demonstration purposes until the repair contained in this bulletin has been performed on the vehicle.

CONDITION

General Motors has decided that a defect which relates to motor vehicle safety exists in certain 2014 model year Chevrolet Spark model vehicles. Some of these vehicles have a condition in which a lower control arm bolt was not fastened to specification. This condition could result in noise from the front suspension and separation of the lower control arm from the steering knuckle while driving, resulting in loss of steering control, potentially increasing the risk of a crash.

CORRECTION

Dealers are to inspect the RH and LH lower control arm ball joint bolt and torque the bolt to specification.

VEHICLES INVOLVED

All involved vehicles are identified by Vehicle Identification Number on the Investigate Vehicle History screen in GM Global Warranty Management system. Dealership service personnel should always check this site to confirm vehicle involvement prior to beginning any required inspections and/or repairs. It is important to routinely use this tool to verify eligibility because not all similar vehicles may be involved regardless of description or option content.

For dealers with involved vehicles, a listing with involved vehicles containing the complete vehicle identification number, customer name, and address information has been prepared and will be provided to US and Canadian dealers through the GM GlobalConnect Recall Reports, or sent directly to export dealers. Dealers will not have a report available if they have no involved vehicles currently assigned.

The listing may contain customer names and addresses obtained from Motor Vehicle Registration Records. The use of such motor vehicle registration data for any purpose other than follow-up necessary to complete this recall is a violation of law in several states/provinces/countries. Accordingly, you are urged to limit the use of this report to the follow-up necessary to complete this recall.

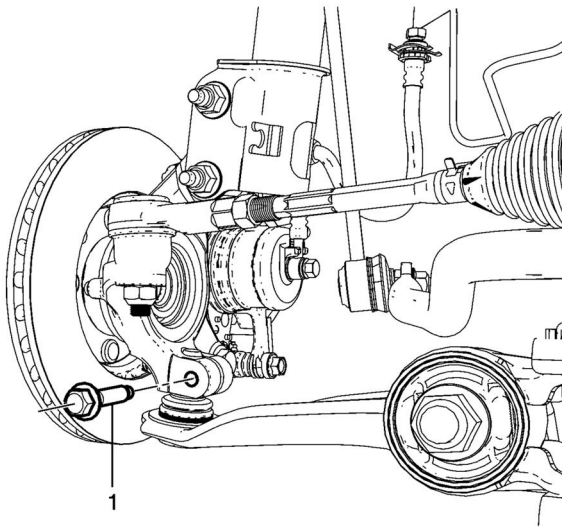
PART INFORMATION

In almost all cases, the Lower Control Arm Ball Joint Bolts will be reusable when performing the service procedure below. Replacement bolts are not currently available. If a vehicle is encountered with an unusable bolt, offer the customer courtesy transportation. For in-stock units they must be held until a replacement bolt is available.

SERVICE PROCEDURE

Use the following steps to inspect, replace (if necessary) and tighten the lower control arm ball joint attachment bolts.

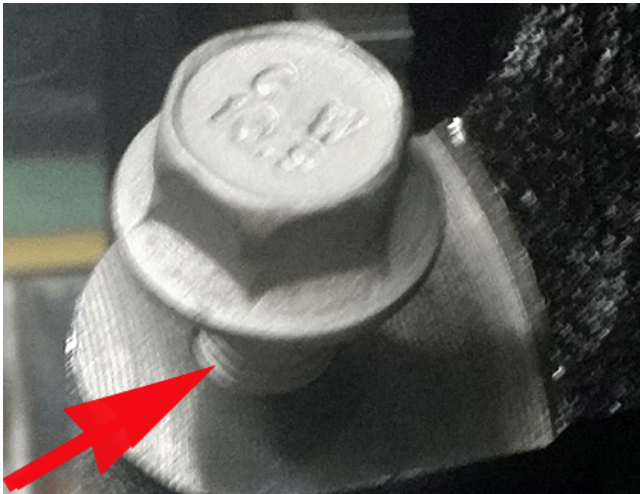
1. Raise and support the vehicle. Refer to Refer to *Lifting and Jacking the Vehicle* in SI.



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2. Locate the left and right lower control arm ball joint to steering knuckle retaining bolts (1).

Caution: Use the correct fastener in the correct location. Replacement fasteners must be the correct part number for that application. Do not use paints, lubricants, or corrosion inhibitors on fasteners, or fastener joint surfaces, unless specified. These coatings affect fastener torque and joint clamping force and may damage the fastener. Use the correct specifications when installing fasteners in order to avoid damage to parts and systems.



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- 3. If the bolt is backed out of the steering knuckle, inspect the bolts for damage. If the bolt appears to have any type of damage, remove and replace the bolt. Torque the bolt to specification on all vehicles whether the bolt appears loose or not.



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- 4. Using a torque wrench, tighten the left and right lower control arm ball joint to steering knuckle retaining bolts. Tighten to **65 N-m (48 lb ft)**.
- 5. Lower the vehicle.

WARRANTY TRANSACTION INFORMATION

Submit a transaction using the table below. All transactions should be submitted as a ZFAT transaction type, unless noted otherwise.

Labor Code	Description	Labor Time
9100743	Check and Retighten Control Arm Ball Joint Bolt	0.3

CUSTOMER NOTIFICATION – For US and Canada

General Motors will notify customers of this recall on their vehicle.

DEALER RECALL RESPONSIBILITY – All

All unsold new vehicles in dealers' possession and subject to this recall must be held and inspected/repaired per the service procedure of this recall bulletin before customers take possession of these vehicles.

Dealers are to service all vehicles subject to this recall at no charge to customers, regardless of mileage, age of vehicle, or ownership, from this time forward.

Customers who have recently purchased vehicles sold from your vehicle inventory, and for which there is no customer information indicated on the dealer listing, are to be contacted by the dealer. Arrangements are to be made to make the required correction according to the instructions contained in this bulletin. A copy of the customer letter is provided in this bulletin for your use in contacting customers. Recall follow-up cards should not be used for this purpose, since the customer may not as yet have received the notification letter.

In summary, whenever a vehicle subject to this recall enters your vehicle inventory, or is in your dealership for service in the future, you must take the steps necessary to be sure the recall correction has been made before selling or releasing the vehicle.



