

**IMPORTANT SERVICE  
INFORMATION FOR:**

- ✓ SERVICE MANAGER
- ✓ SERVICE ADVISOR
- ✓ TECHNICIAN
- ✓ PARTS DEPARTMENT
- ✓ WARRANTY PERSONNEL

BULLETIN NUMBER:  
**IB13-E-001**

ISSUE DATE:  
**JULY 2013**

GROUP:  
**FRAME, SUSPENSION,  
STEERING, WHEELS &  
TIRES**

## FRONT AXLE KINGPIN MAINTENANCE AND LUBRICATION REMINDER

### AFFECTED VEHICLES

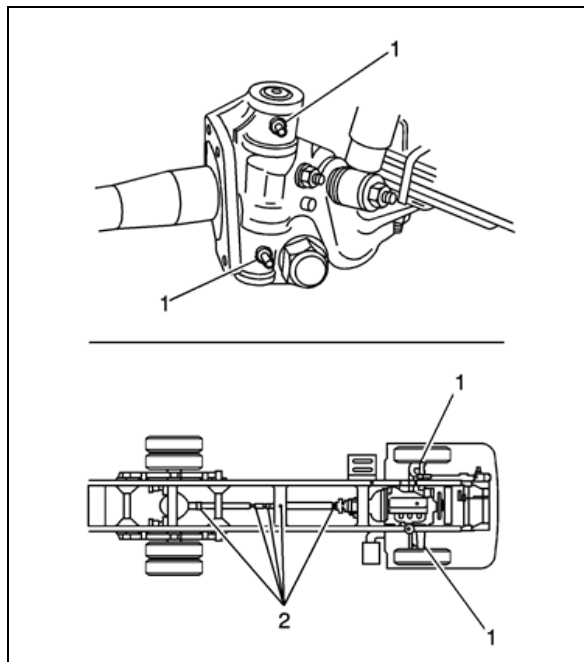
- All Isuzu N-Series (including Stripped Chassis)
- All Chevrolet/GMC W-Series

***This bulletin supersedes bulletin IB12-F-001A. This bulletin is being revised to update the affected group. Please discard bulletin IB12-F-001A.***

### INFORMATION

Chassis lubrication is an important part of your vehicle's regularly scheduled maintenance. As part of this lubrication schedule, be sure to include the lubrication of the front axle kingpins.

Regular inspection and lubrication of this component is an important part in maintenance of the steering system of this vehicle. Use only a good quality, high temperature, extreme pressure multi-purpose lithium grease as recommended in your owner's manual. **Please consult the owner's manual for the specific vehicle and follow the appropriate service interval.** Under various operating conditions or certain vocations, you may need to lubricate the kingpins more frequently.



Before adding grease be sure the grease fitting is clear of road debris, corrosion and possibly original chassis paint. Use an awl or screwdriver to confirm the grease fitting check ball is functioning properly. If the check ball is obstructed, remove the grease fitting and clean or replace as necessary.

Apply grease slowly at the kingpin grease fittings (1) until excess grease can be seen coming from the kingpin joint. Wipe off excess grease. If there is difficulty in lubricating the kingpins, raise the front suspension to take the load off the kingpins and cycle the steering wheel, lock-to-lock. This will help distribute the lubricant through the kingpin bushings. If the bottom kingpin cap comes out while applying grease or is missing, replace the kingpin cap as instructed the service manual. Without the kingpin cap, lubricating grease can be lost or contaminated which will lead to premature kingpin failure.