



provides the tool necessary to comply with  
**GM Recall Bulletin #02049**

## Power Steering Gear Lower Pinion Bearing Separation

Chevrolet Cavalier 1996-1998  
Chevrolet Venture 1997-1998  
Pontiac Grand Prix 1997-1998

on  
Chevrolet Lumina APV 1996  
Pontiac Sunfire, Trans Sport 1996-1998  
Oldsmobile Silhouette 1996-1998

### The Correction:

Inspect the condition of the lower pinion bearing & replace the lower pinion bearing, or in a few cases, replace the rack & pinion steering gear assembly.

### Instructions for using CJ147:

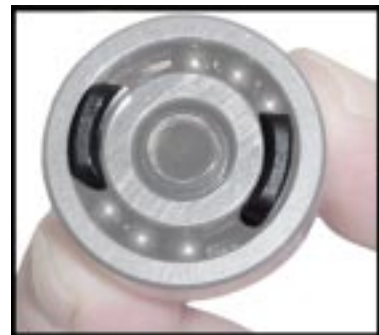
1. Loosen the adjuster nut & the adjuster plug.
2. Carefully remove the dust cap.
3. Using a retaining ring pliers, carefully remove the retaining ring that captures the bearing.
4. Use a pick tool to remove the cage from the bearing. In some cases, both cages should be removed.
5. Reposition the ball bearings so there are four (4) balls on each side. This will provide the necessary gap for the ears of the removal tool.
6. Insert the tool into this gap & rotate the tool (approximately 20 degrees) clockwise, until you feel contact with the ball bearings.
7. Use a 20mm (or 13/16") wrench to hold the removal tool in place.
8. Use a 9/16" socket or wrench to turn the load screw until the bearing breaks free.



4. Use a pick tool to remove the cage from the bearing



5. Reposition the ball bearings so there are four (4) balls on each side



6. Insert the tool into the gap & rotate clockwise

**CJ147**  
Bearing Puller



### WARNING

-  Wear safety goggles (operator and bystanders).  Read & follow instructions before using power tools.