

# Pitman Arm Removal

It may be necessary to remove the pitman arm on some vehicles before removing the steering gear. Proper technique in removing the pitman arm will avoid damage to the steering gear, pitman arm and retainer.

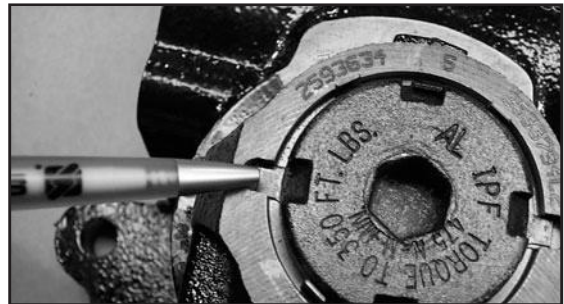
## TOOLS REQUIRED:

Hammer  
Tapered Punch  
Appropriate Size Allen Drive Socket - 5/8" or 3/4"  
Sheppard Pitman Arm Puller - Kent Moore part number ZTSE4439 or  
Three Jaw Puller  
Impact Wrench

**WARNING** FOR OTHER EQUIPMENT, TOOLS OR SAFETY PROCEDURES ALWAYS FOLLOW THE VEHICLE MANUFACTURER'S PROCEDURES FOR LIFTING AND BLOCKING

**WARNING** THE PITMAN ARM WILL BE EXTREMELY TIGHT. DO NOT USE A HAMMER OR APPLY HEAT TO THE ARM. DAMAGE TO THE SECTOR SHAFT, PITMAN ARM OR SEALS CAN RESULT.

1. Park the vehicle, set the parking brake and raise the hood or cab.



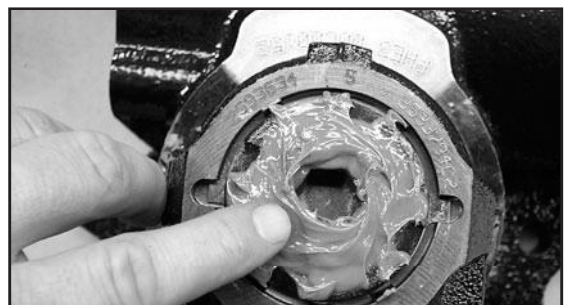
2. Use the punch to bend the restraining tabs out of the pitman arm retainer.

**IMPORTANT:** Do Not bend the aligning tabs out of the pitman arm.



3. Lubricate the face of the retainer with clean chassis lube.

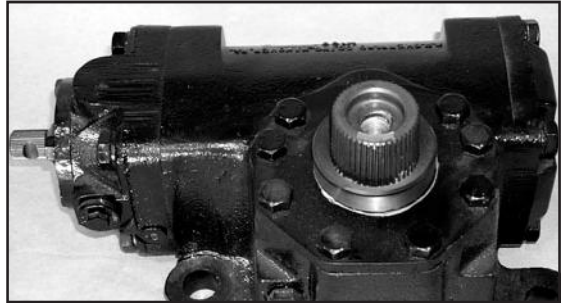
**IMPORTANT:** Failure to lubricate the face of the retainer will cause difficulty in removing the pitman arm.



- Slide the pitman arm puller over the pitman arm as shown. Take care to align the hole in the puller with the Allen socket in the retainer. Insert the Allen drive socket through the puller and into the retainer socket. Use an impact wrench to back off the retainer. The retainer will act as a jack screw to remove the pitman arm.



**NOTE:** It will be necessary to remove the sector shaft cover bolts to slide the puller over the arm if the gear you are working on has a bolt on cover.



**! DANGER** THE PITMAN ARM WILL BE EXTREMELY TIGHT DO NOT POUND ON THE ARM OR APPLY ANY SOURCE OF HEAT TO THE ARM! DAMAGE TO THE PITMAN ARM OR SECTOR SHAFT CAN CAUSE AN ACCIDENT AT A LATER DATE. NEVER WELD THE PITMAN ARM OR SECTOR SHAFT!

