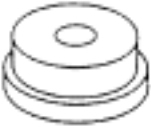




## Wheel Hub


### Special Service Tool(s)

 <p>ST1359-A</p>	<p>Bearing Cup Replacer T80T-4000-P</p>
 <p>ST1153-A</p>	<p>Seal Replacer T96T-1175-A</p>
 <p>ST1360-A</p>	<p>Threaded Drawbar T77F-1176-A</p>



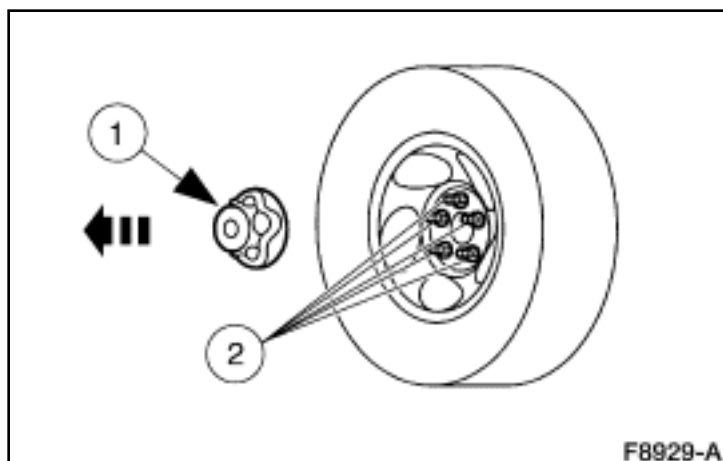
## Removal


**NOTE:** The wheel bearing and hub are replaced as an assembly.

1.  **CAUTION: Do not use heat to loosen a seized lug nut . Heat can damage the wheel and wheel bearings.**

Loosen the lug nuts.

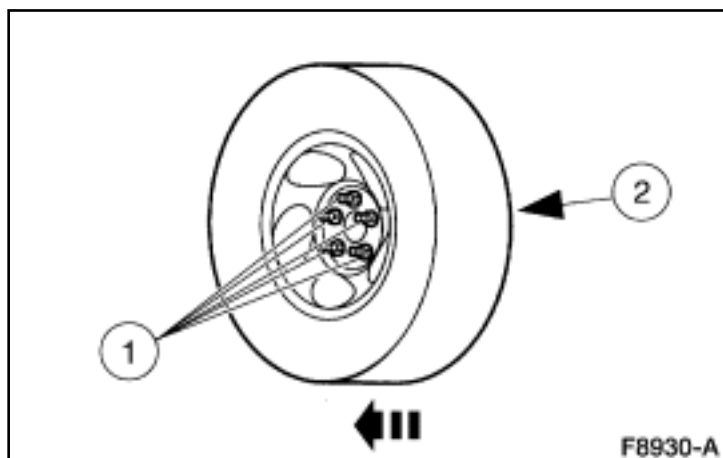
1. Remove the center cap.
2. With the weight of the vehicle on the wheels, loosen the lug nuts.



2.  **WARNING: THE ELECTRICAL POWER TO THE AIR SUSPENSION SYSTEM MUST BE SHUT OFF PRIOR TO HOISTING, JACKING OR TOWING AN AIR SUSPENSION VEHICLE. THIS CAN BE ACCOMPLISHED BY TURNING OFF THE AIR SUSPENSION SWITCH LOCATED IN THE RH KICK PANEL AREA. FAILURE TO DO SO MAY RESULT IN UNEXPECTED INFLATION OR DEFLATION OF THE AIR SPRINGS WHICH MAY RESULT IN SHIFTING OF THE VEHICLE DURING THESE OPERATIONS.**

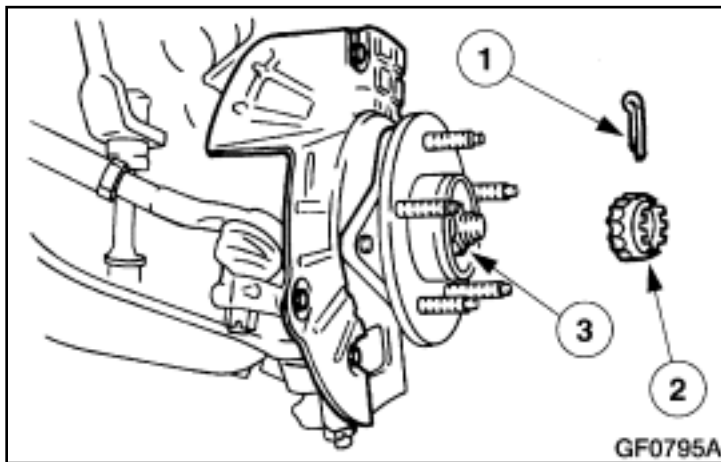
Raise and support the vehicle.

3. Remove the wheel and tire assembly.
1. Remove the lug nuts.
  2. Remove the wheel and tire assembly.



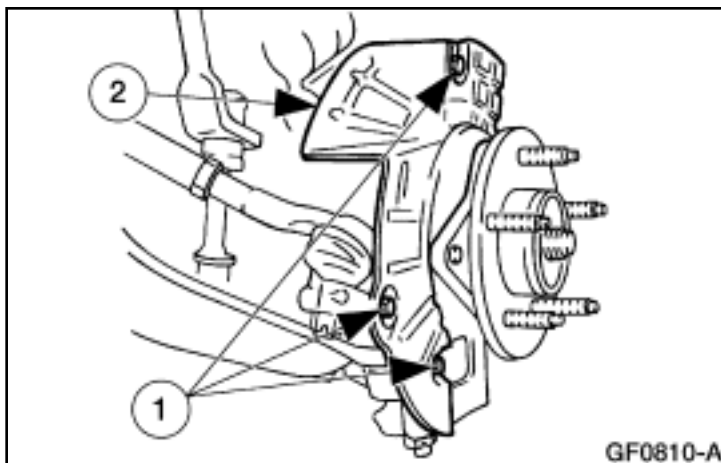
4. Remove the front disc brake rotor (1125); refer to [Section 206-03](#) .
5. Remove the front wheel hub nut.
1. Remove the cotter pin.
  2. Remove the retainer.

3. Remove the front wheel hub nut.



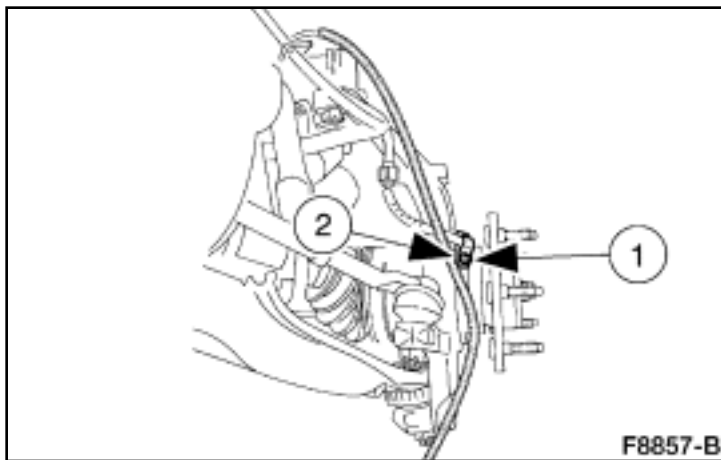
6. If equipped with 4 wheel anti-lock brake system (4WABS), remove the front disc brake rotor shield (2K004).

1. Remove the bolts.
2. Remove the front disc brake rotor shield.



7. If equipped with 4WABS, remove the front brake anti-lock sensor (2C204).

1. Remove the bolt.
2. Remove the front brake anti-lock sensor.

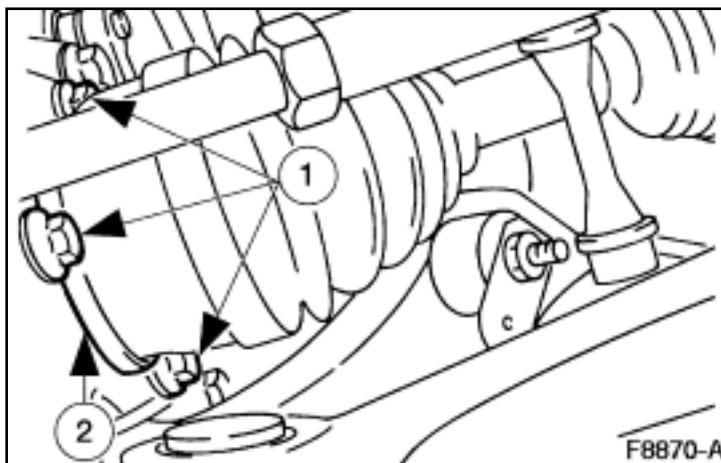



8.  **CAUTION:** Do not over extend CV joint and boots when removing the hub and bearing assembly.

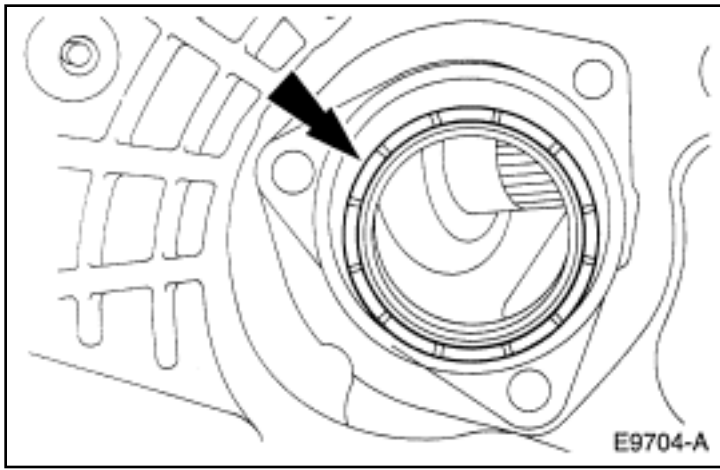
**NOTE:** The CV joint is a slip fit into the wheel hub and bearing. A puller will not normally be required.

Remove the wheel hub (1104). 

1. Remove the bolts.
2. Push the CV joint inboard. Remove the wheel hub.

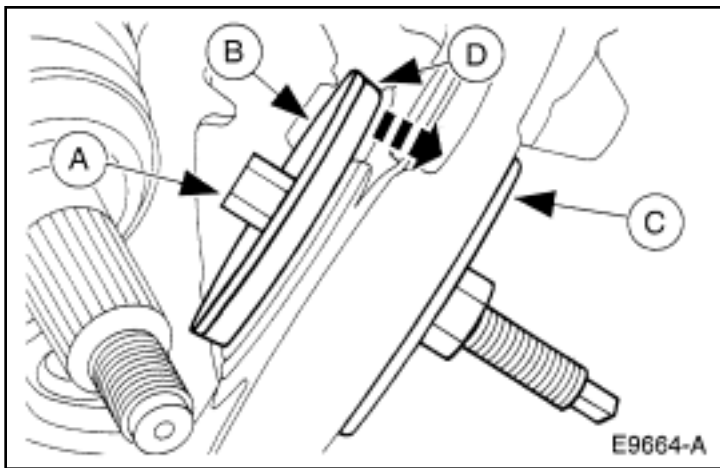


9. Remove the seal. 

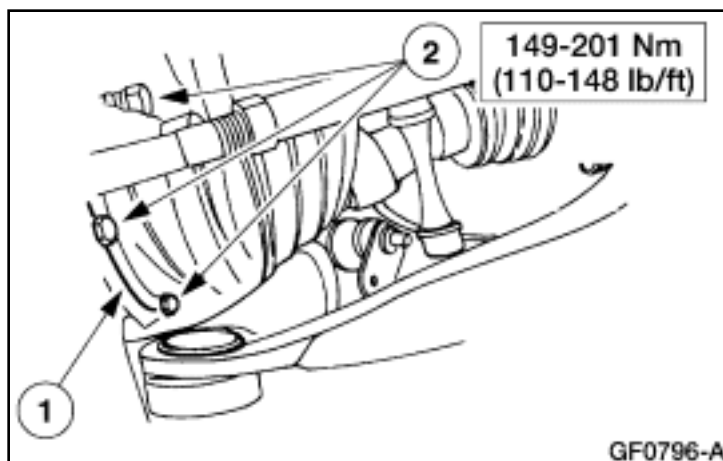


## Installation

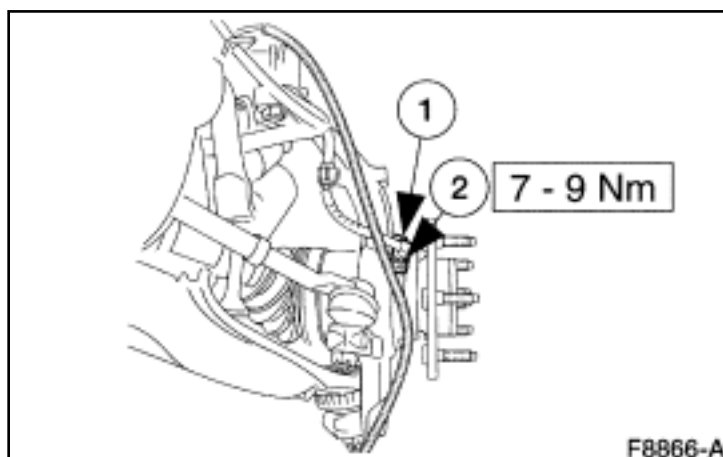
1. Install the seal.
  - Use (B) Seal Replacer, (A) Threaded Drawbar and (C) Bearing Cup Replacer to install the (D) seal.



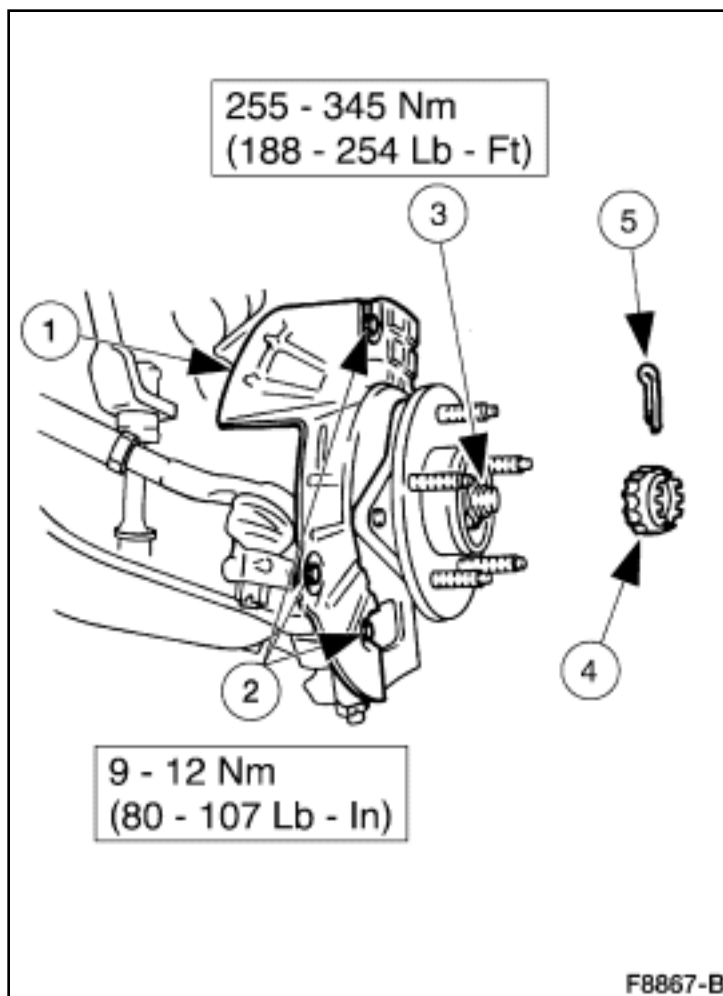
2. Install the wheel hub.
  1. Position the wheel hub on the front wheel driveshaft and joint (3B436) and into the front wheel knuckle (3K185).
  2. Install the bolts.




3. If equipped with 4WABS, install the front brake anti-lock sensor.
  1. Position the front brake anti-lock sensor.
  2. Install the bolt.



4. Install the front disc brake rotor shield.
  1. Position the front disc brake rotor shield.
  2. Install the bolts.
  3. Install the front axle hub nut.
  4. Install the retainer.
  5. Install the cotter pin.

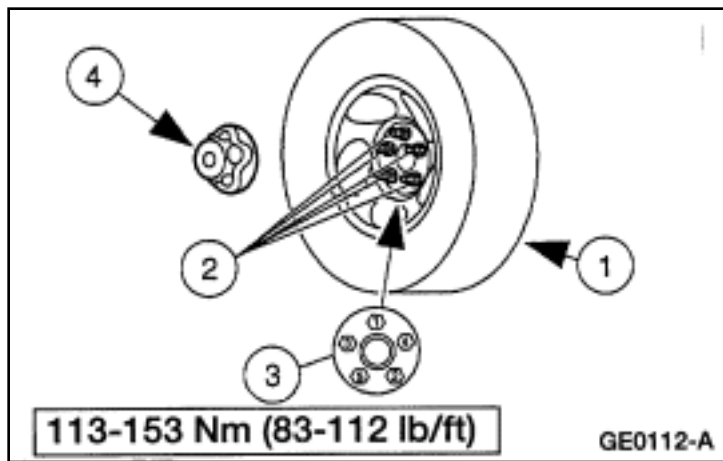


5. Install the front disc brake rotor; refer to [Section 206-03](#) .

6.  **WARNING: WHEN THE WHEEL IS INSTALLED, ALWAYS REMOVE ANY CORROSION, DIRT OR FOREIGN MATERIAL THAT MAY BE PRESENT ON THE MOUNTING SURFACES OF THE WHEELS OR THE SURFACES OF THE WHEEL HUB, BRAKE DRUM OR BRAKE ROTOR THAT CONTACTS THE WHEEL. INSTALLING WHEELS WITHOUT PROPER METAL-TO-METAL CONTACT AT THE WHEEL MOUNTING SURFACES CAN CAUSE THE LUG NUT TO LOOSEN AND THE WHEEL TO COME OFF WHILE THE VEHICLE IS IN MOTION, CAUSING LOSS OF CONTROL.**

Clean the wheel hub and mounting surfaces.

7. Install the tire and wheel assembly.
1. Position the tire and wheel assembly.
  2. Install the lug nuts and lower the vehicle.
  3. Tighten the lug nuts.
  4. Install the center cap.



8. **NOTE:** If equipped with air suspension, reactivate the system by turning on the air suspension switch.

Lower the vehicle.