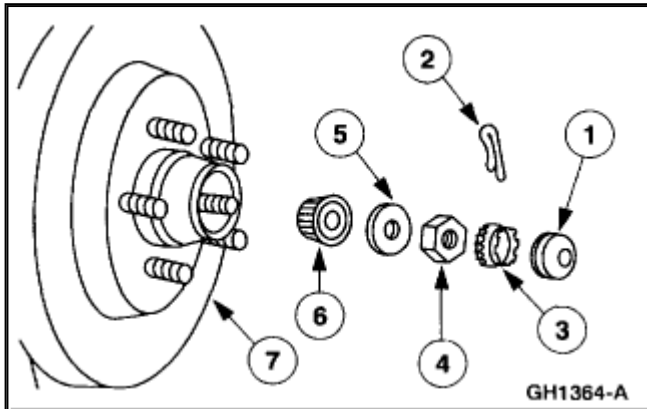


Brake Disc

[Notes](#)

Removal

1. Remove the front disc brake caliper anchor plate.
2. On 4x4 vehicles, remove the brake disc.

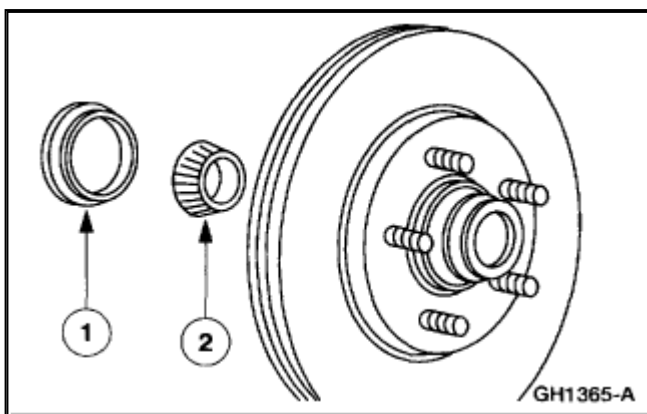


Zoom

Sized for Print

3. On 4x2 vehicles, remove the brake disc and hub as follows:

1. Remove the hub grease cap.
2. Remove the cotter pin.
3. Remove the nut retainer.
4. Remove the spindle nut.
5. Remove the front wheel outer bearing retainer washer.
6. Remove the outer front wheel bearing.
7. Remove the brake disc and hub.



Zoom

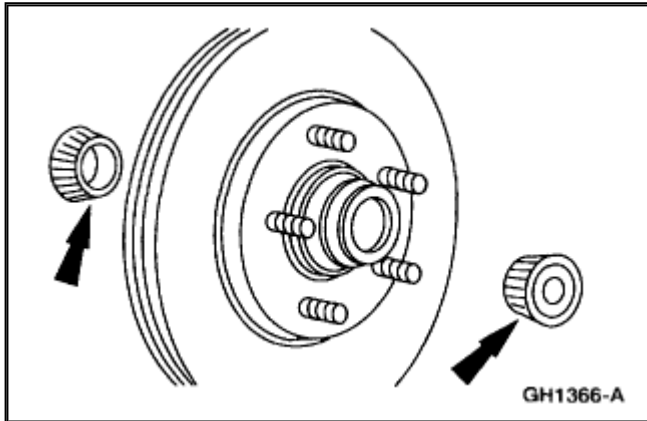
Sized for Print

4. If necessary on 4x2 vehicles, remove the front wheel bearing.

1. Remove the wheel hub grease seal.
2. Remove the front wheel bearing.

Installation

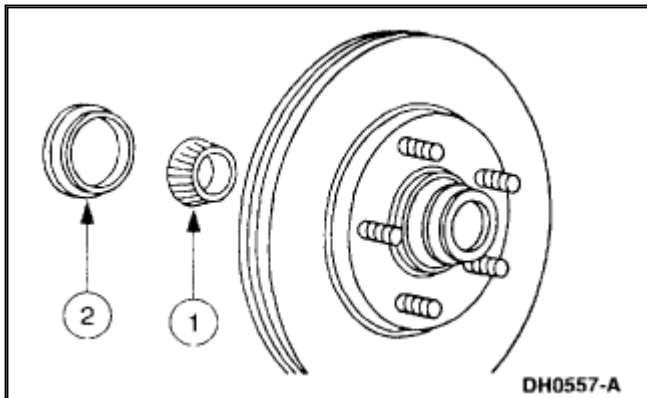
1. On 4x4 vehicles, position the brake disc to the wheel hub.
 - Use Metal Brake Parts Cleaner F3AZ-19579-SA or equivalent to clean the brake disc and hub.



Zoom

Sized for Print

2. On 4x2 vehicles, thoroughly clean and inspect the front wheel bearings and the brake disc and hub.
 - Use Metal Brake Parts Cleaner F3AZ-19579-SA or equivalent.
3. On 4x2 vehicles, lubricate the front wheel bearings.
 - Use Premium Long-Life Grease XG-1-C or-K or equivalent meeting Ford specification ESA-M1C75-B.

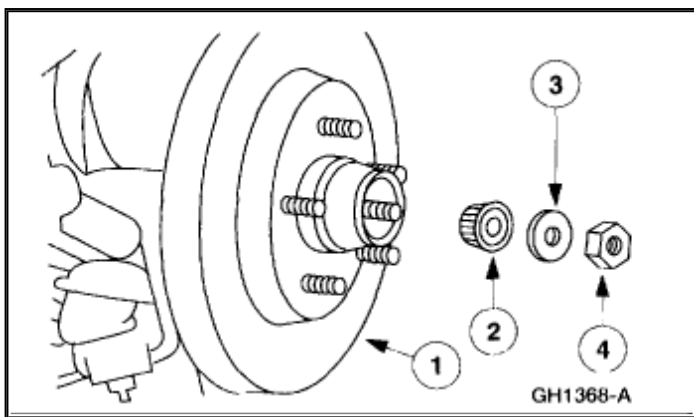


Zoom

Sized for Print

4. On 4x2 vehicles, install a new wheel hub grease seal.

1. Install the inner front wheel bearing.
2. Install a new wheel hub grease seal.

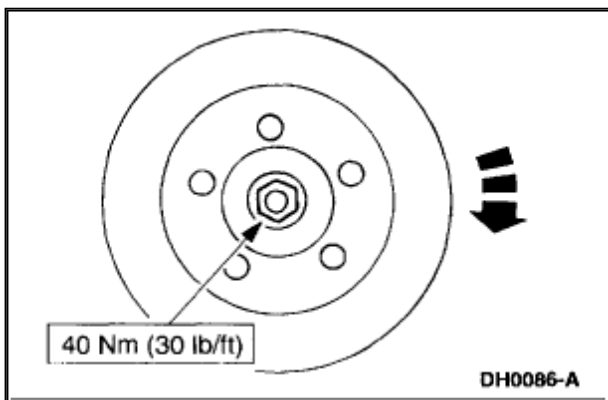


Zoom

Sized for Print

5. On 4x2 vehicles, install the brake disc and hub.

1. Position the brake disc and hub.
2. Install the outer front wheel bearing.
3. Install the front wheel outer bearing retainer washer.
4. Install the spindle nut.

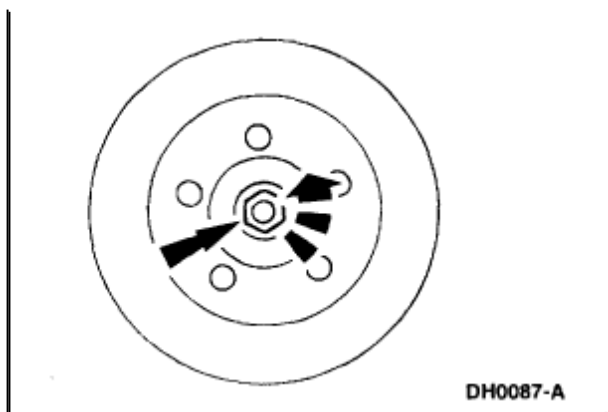


Zoom

Sized for Print

6. While rotating the brake disc and hub, tighten the spindle nut.

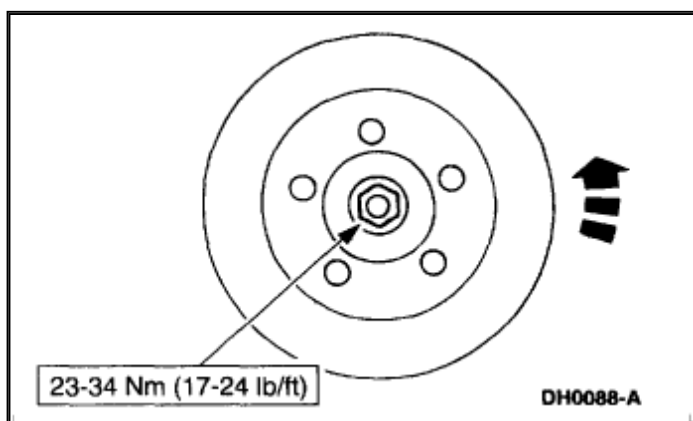




Zoom

Sized for Print

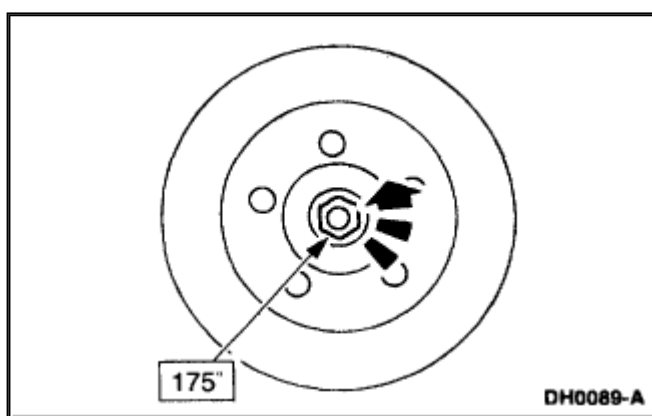
7. Loosen the spindle nut two turns.



Zoom

Sized for Print

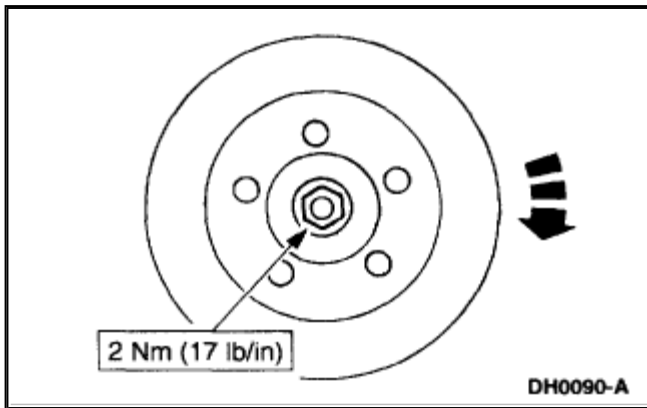
8. Tighten the spindle nut while rotating the brake disc and hub.



Zoom

Sized for Print

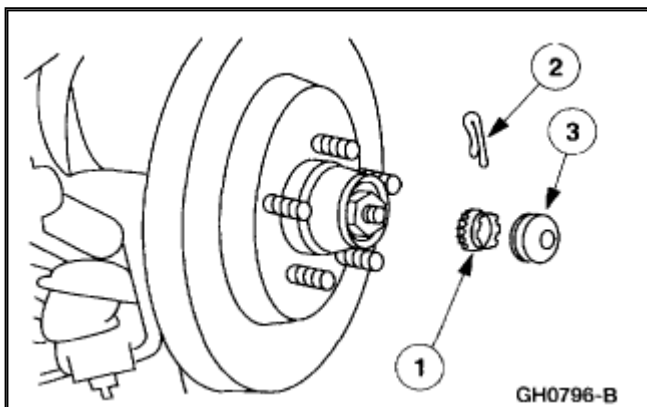
9. Loosen the spindle nut.



Zoom

Sized for Print

10. Tighten the spindle nut while rotating the brake disc and hub.



Zoom

Sized for Print

11. On 4x2 vehicles, install the following components:

1. Install the nut retainer.
2. Install the cotter pin.
3. Install the hub grease cap.

12. Install the front disc brake caliper anchor plate.