Published: 11-May-2011

## **Rear Suspension - Rear Wheel Bearing** Removal and Installation

Special Tool(s)	
204-528/2	204-528/2 Remover/Installer, Bushing
E87694	205-725 Remover/Installer, Wheel Hub
E87690	205-726 Remover/Installer, Wheel Hub Bearing
E87692	
205-728 E87693	205-728 Remover/Installer, Wheel Hub
205-802/5 E87691	205-802/5 Remover, Wheel Hub/Bearing

Removal

WARNING: Make sure to support the vehicle with axle 1. **1**. stands.

Raise and support the vehicle.

2. Remove the wheel and tire.

Refer to:  $\underline{Wheel} \mbox{ and } \underline{Tire}$  (204-04 Wheels and Tires, Removal and Installation).

3. Remove the wheel knuckle.

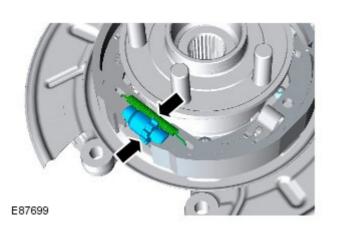
Refer to: Wheel Knuckle (204-02 Rear Suspension, Removal and

Installation).

4.

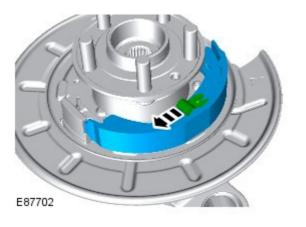
5.

6.

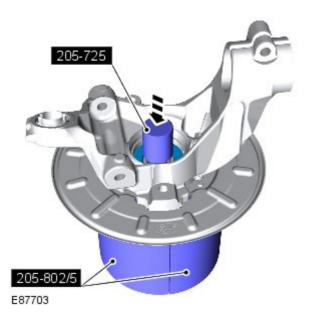


E87700

E87701



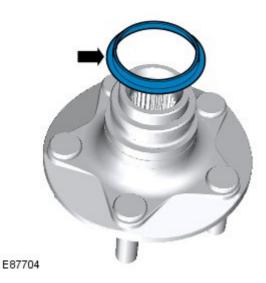
7.

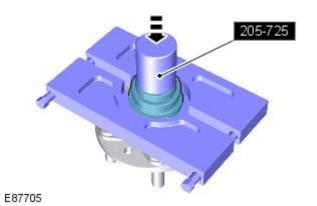


- 8. 8. NOTE: Bearing damage is unavoidable during this operation.
  - Position the wheel knuckle assembly in a press and support on special tool.
  - Special Tool(s): 205-802/5 Press the drive flange out of the wheel knuckle assembly using special tool. •

Special Tool(s): 205-725

9. 9. NOTE: The inner bearing track will remain on the drive flange.



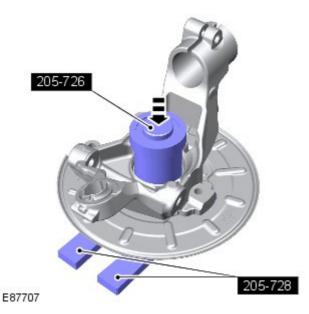


- 10.
- Clamp both halves of a suitable bearing separator around the inner bearing track and position the drive flange in a press. Using the special tool, press the drive flange from the inner bearing track.

Special Tool(s): 205-725

11. Remove the circlip from the wheel knuckle assembly.





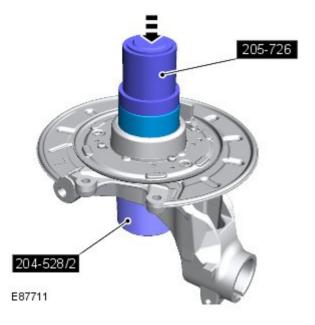
- Position the wheel knuckle assembly in a press • and support on special tools.

12.

Special Tool(s): 205-728 Press the wheel bearing out of the wheel knuckle assembly using special tool.

Special Tool(s): 205-726

## Installation

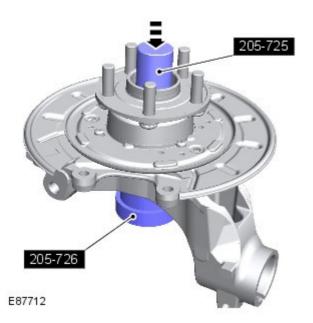


- **1.** CAUTION: One side of the bearing is magnetic. The magnetic side is identifiable by the application of a 1. **1**. matt black finish. The magnetic side must face towards the inboard side of the vehicle. Before fitting the bearing, make sure the magnetic face is clean. The bearing must be handled with extreme care.
  - Position the wheel knuckle assembly in a press and support on special tool.

Special Tool(s): 204-528/2 Press the new wheel bearing into the wheel knuckle assembly using special tool. •

Special Tool(s): 205-726

2. Install the circlip to the wheel knuckle assembly.



- Position the wheel knuckle assembly in a press and support on special tool.
  - Special Tool(s): 205-726
    Press the drive flange into the wheel knuckle assembly using special tool.

Special Tool(s): 205-725

3.

4. **4. A**WARNING: Do not use compressed air to clean brake components. Dust from friction materials can be harmful if inhaled.

Clean the backing plate and apply grease to the brake shoe contacts.

- 5. Clean the adjuster and set it to its minimum extension.
- 6.
- Install the secondary brake shoe.
- Install the hold-down spring and retaining pin.
- 7. **7. A**WARNING: Make sure the return spring and the adjuster spring are correctly installed to the primary shoe.

CAUTION: Make sure the brake shoe spring is not over stretched.

- Install the spreader plate and the spring.
- Install the primary brake shoe.
- Install the return spring.
- Install the hold-down spring and retaining pin.

8. **8.** CAUTION: Make sure the brake shoe spring is not over stretched.

Install the brake shoe adjuster.

9. Install the wheel knuckle.

Refer to: <u>Wheel Knuckle</u> (204-02 Rear Suspension, Removal and Installation).

10. Adjust the parking brake.

Refer to: <u>Parking Brake Cable Adjustment</u> (206-05 Parking Brake and Actuation, General Procedures).

11. Install the wheel and tire.

Refer to: Wheel and Tire (204-04 Wheels and Tires, Removal and

Installation).