

Wheel Bearings, Wheel Hub Seal and Wheel Bearing Cups

Special Tool(s) / General Equipment

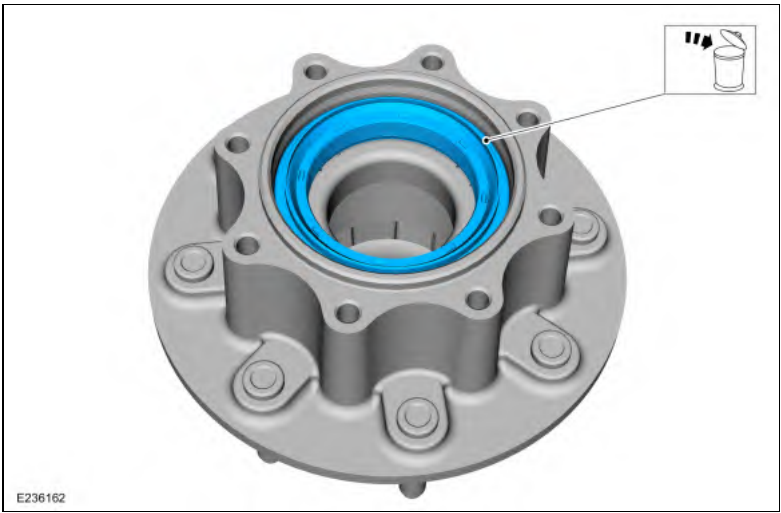
 E234296	205-099 (T75T-1225-A) Installer, Axle Bearing
 E234296	205-100 (T75T-1225-B) Installer, Axle Bearing
 E302722	205-1069 Installer, Wheel End Seal - M275_M300HD
 E133913	205-153 (T80T-4000-W) Handle
Hydraulic Press	
Punch	
Copper Hammer	

Materials

Name	Specification
Motorcraft® Premium Long-Life Grease XG-1-E1	ESA-M1C75-B
Motorcraft® SAE 75W-140 Synthetic Rear Axle Lubricant XY-75W140-QL	WSL-M2C192-A

Removal

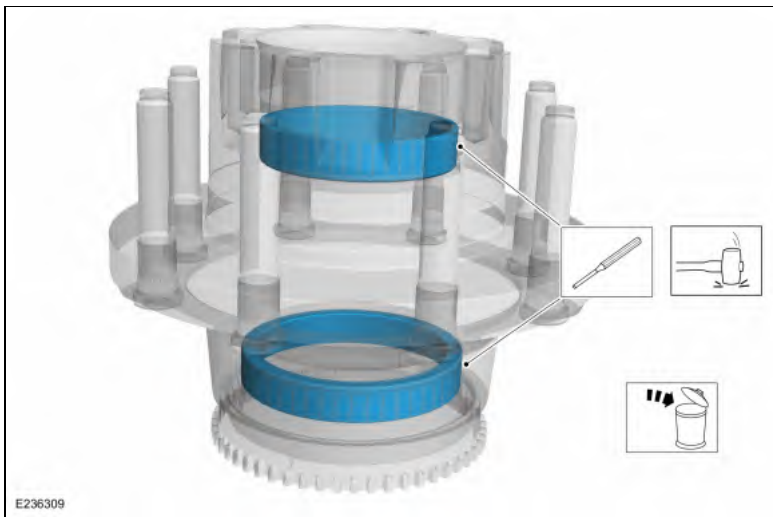
1. Remove the wheel hub.
Refer to: Wheel Hub (205-02C Wheel Hubs and Bearings - Full Floating Axle - Vehicles With: Dana M275/Dana M300, Removal and Installation).
2. Remove and discard the wheel hub inner seal.



3. Remove the inner wheel hub bearing.



4. Remove and discard the inner and outer wheel bearing cup.
Use the General Equipment: Punch
Use the General Equipment: Copper Hammer

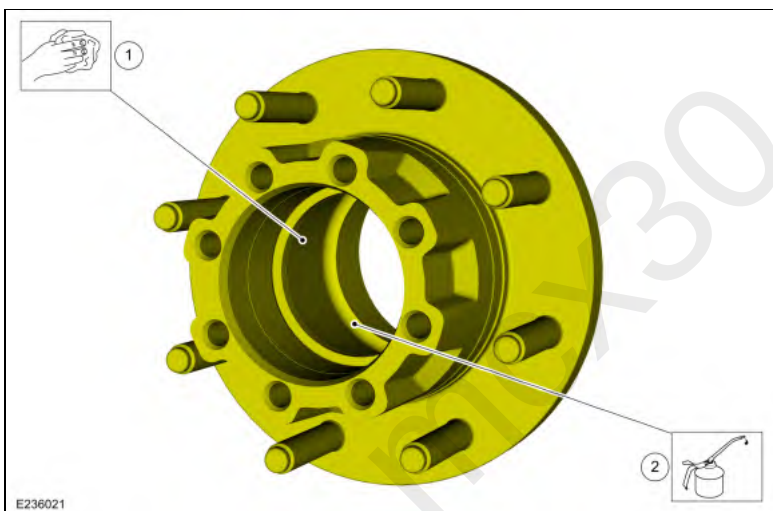


Installation

1. NOTICE: Make sure that the component is clean and free of foreign material.

1. Clean the hub.
2. Coat the hub with clean axle lubricant.

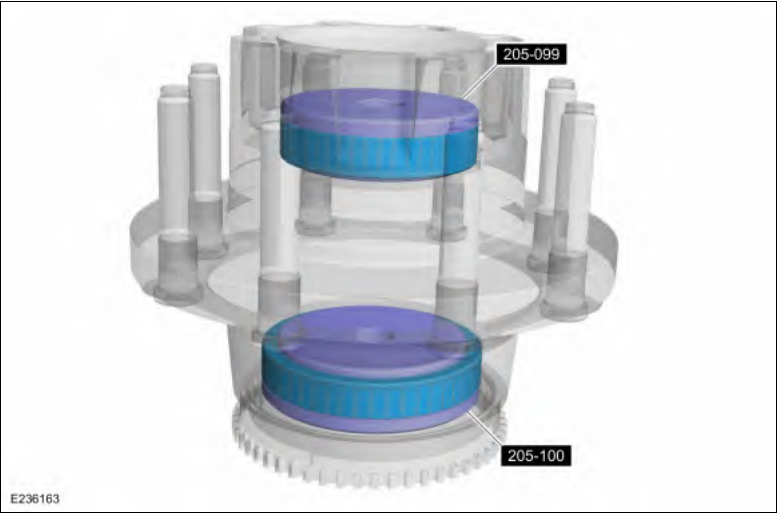
Material: Motorcraft® SAE 75W-140 Synthetic Rear Axle Lubricant / XY-75W140-QL (WSL-M2C192-A)



2. Using the special tools, install the new inner and outer bearing cups.

Use Special Service Tool: 205-099 (T75T-1225-A) Installer, Axle Bearing, 205-100 (T75T-1225-B) Installer, Axle Bearing

Use the General Equipment: Hydraulic Press

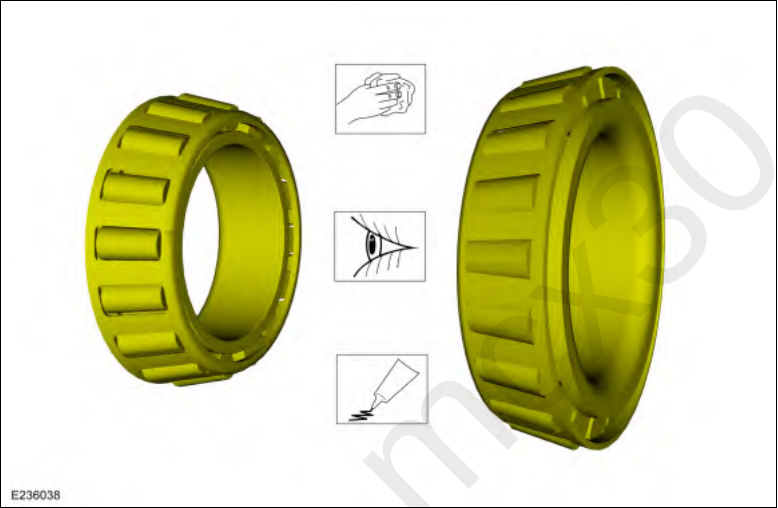


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3. **NOTE:** The wheel hub bearings must be prelubricated with grease prior to installation. Pack each bearing with a bearing packing tool.

Clean, inspect and pack the inner and outer bearings with grease.
Material: Motorcraft® Premium Long-Life Grease / XG-1-E1 (ESA-M1C75-B)



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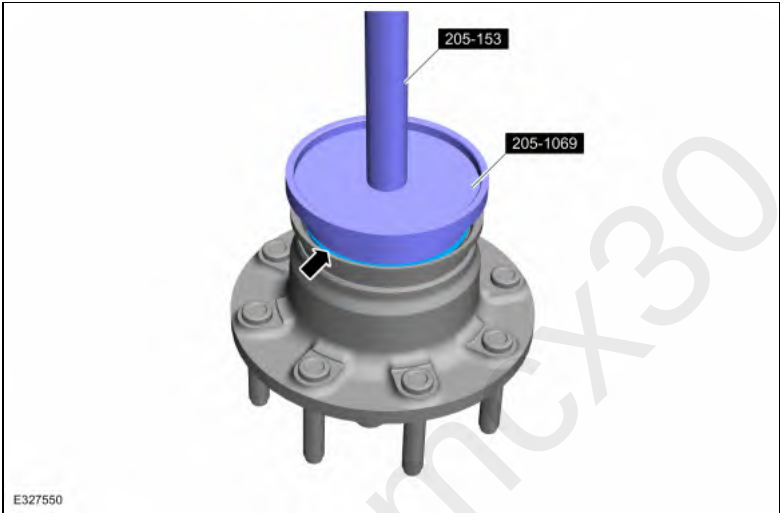
4. **NOTE:** The wheel hub bearings must be prelubricated with grease prior to installation. Pack each bearing with a bearing packing tool. Also apply grease to the thrust surface of the bearing.

Install the new inner wheel hub bearing.



5. **NOTE:** The inner wheel hub seal surface should be clean of all foreign material before installation.

Using the special tools, install the new inner wheel hub seal.
Use Special Service Tool: 205-153 (T80T-4000-W) Handle. , 205-1069 Installer, Wheel End Seal - M275_M300HD.



6. Install the wheel hub.
Refer to: Wheel Hub (205-02C Wheel Hubs and Bearings - Full Floating Axle - Vehicles With: Dana M275/Dana M300, Removal and Installation).