

Wheel Bearings, Wheel Hub Seal and Wheel Bearing Cups

Special Tool(s) / General Equipment

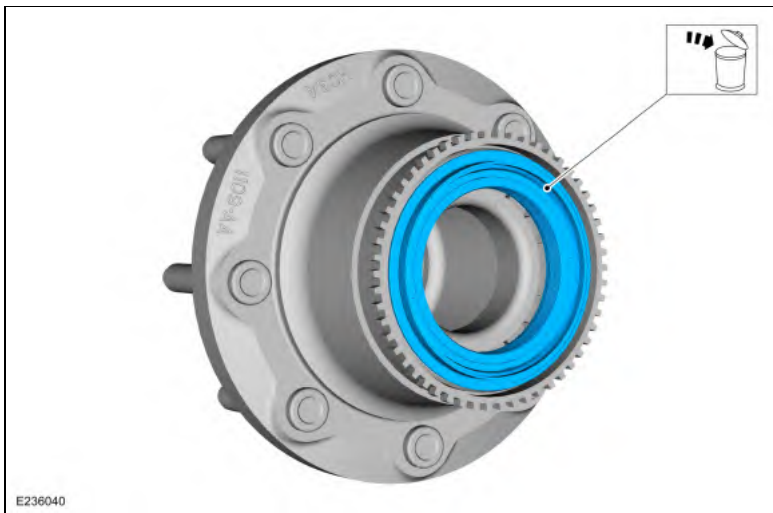
 E234296	205-099 (T75T-1225-A) Installer, Axle Bearing
 E234296	205-100 (T75T-1225-B) Installer, Axle Bearing
 E133913	205-153 (T80T-4000-W) Handle
 E238634	205-420 Remover, Wheel Hub Outer Bearing Cup (10 1/2) TKIT-1999-F/FLM/LT
 E238635	205-421 Remover, Wheel Hub Inner Bearing Cup (10 1/2) TKIT-1999-F/FLM/LT
 E238636	205-422 Installer, Wheel Hub Oil Seal (10 1/2) TKIT-1999-F/FLM/LT
Hydraulic Press	

Materials

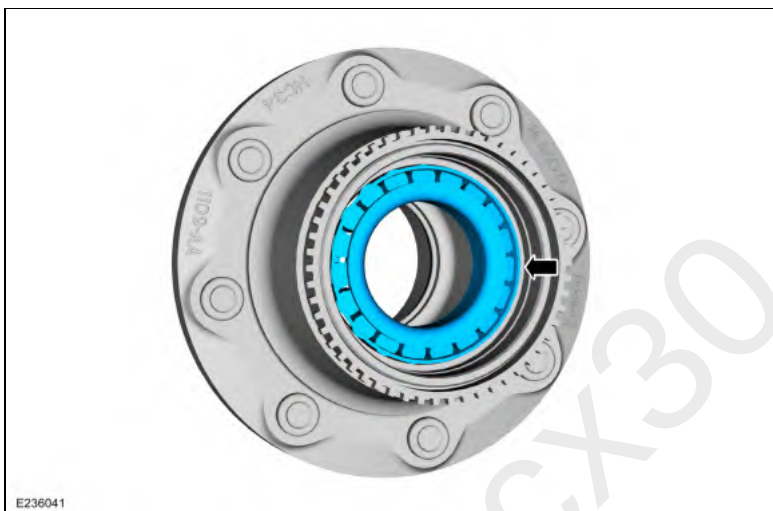
Name	Specification
Motorcraft® Premium Long-Life Grease XG-1-E1	ESA-M1C75-B
Motorcraft® SAE 75W-85 Premium Synthetic Hypoid Gear Lubricant XY-75W85-QL	WSS-M2C942-A

Removal

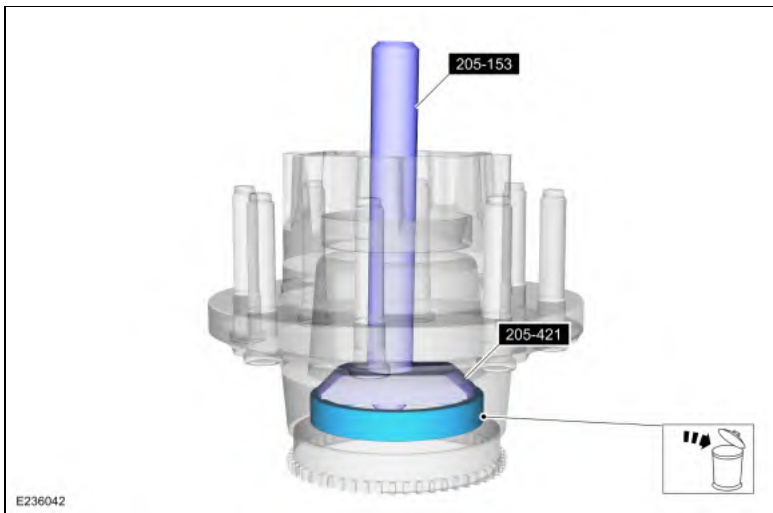
1. Remove the wheel hub.
Refer to: Wheel Hub (205-02E Wheel Hubs and Bearings - Full Floating Axle - Vehicles With: Ford 10.5 Inch Ring Gear, Removal and Installation).
2. Remove and discard the wheel hub inner seal.



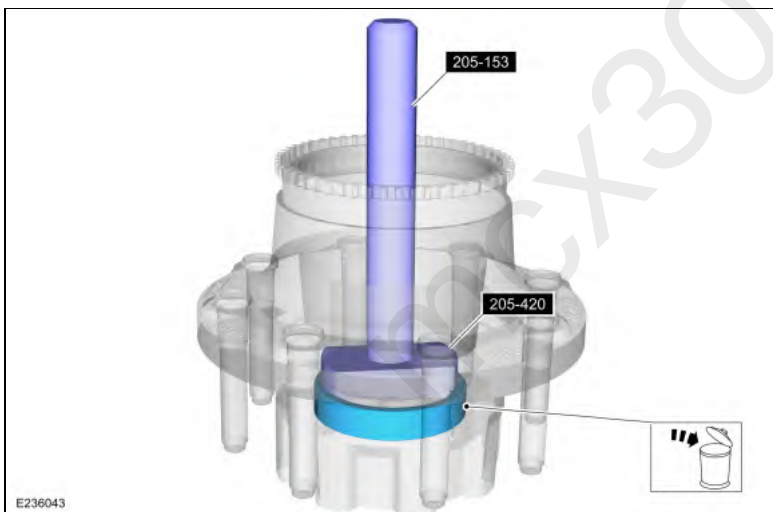
3. Remove the inner wheel hub bearing.



4. Using the specials tools, remove and discard the inner wheel bearing cup.
 Use Special Service Tool: 205-153 (T80T-4000-W) Handle. , 205-421 Remover, Wheel Hub Inner Bearing Cup (10 1/2).

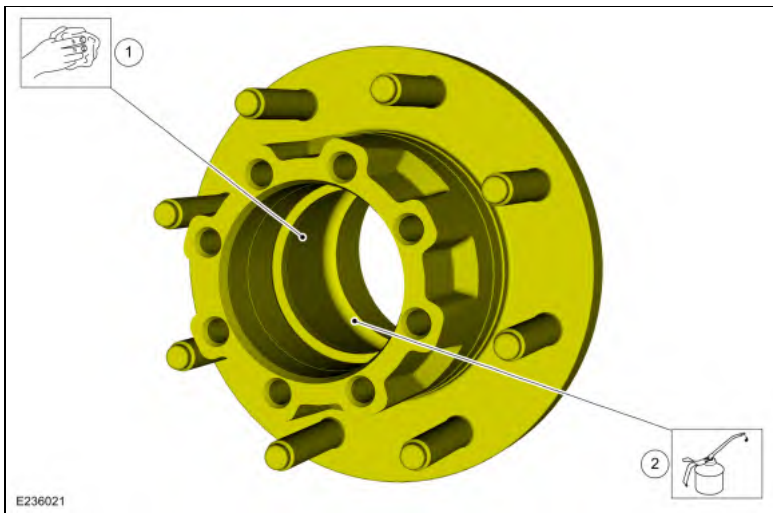


5. Using the specials tools, remove and discard the outer wheel bearing cup.
 Use Special Service Tool: 205-420 Remover, Wheel Hub Outer Bearing Cup (10 1/2) , 205-153 (T80T-4000-W) Handle.

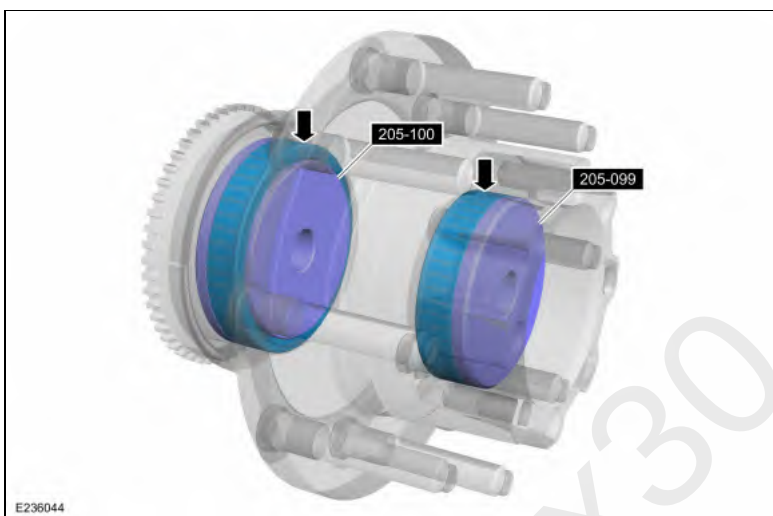


Installation

1.
 1. Clean the hub.
 2. Coat the hub with clean axle lubricant.
Material: Motorcraft® SAE 75W-85 Premium Synthetic Hypoid Gear Lubricant / XY-75W85-QL (WSS-M2C942-A)

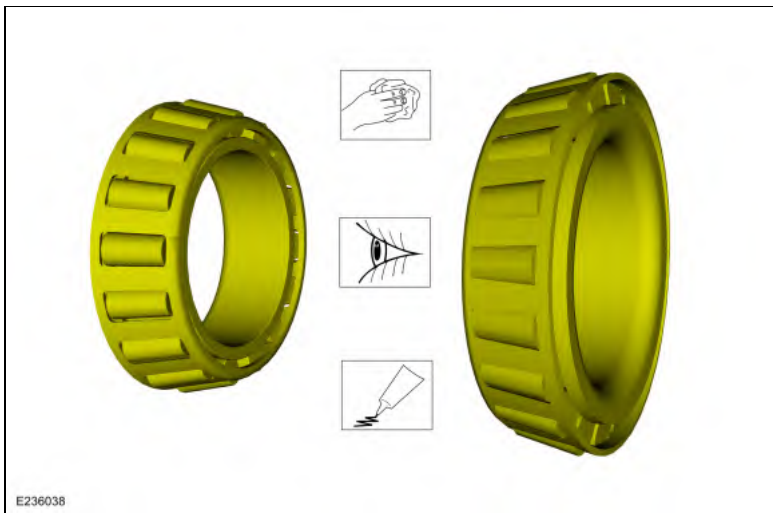


2. Using the special tools, install the new inner and outer bearing cups.
 Use Special Service Tool: 205-099 (T75T-1225-A) Installer, Axle Bearing, , 205-100 (T75T-1225-B) Installer, Axle Bearing.
 Use the General Equipment: Hydraulic Press



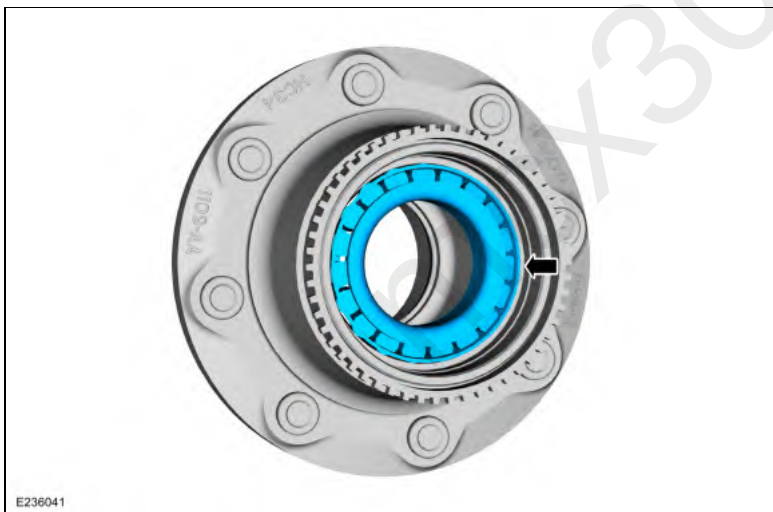
3. **NOTE:** The wheel hub bearings must be prelubricated with grease prior to installation. Pack each bearing with a bearing packing tool.

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



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.

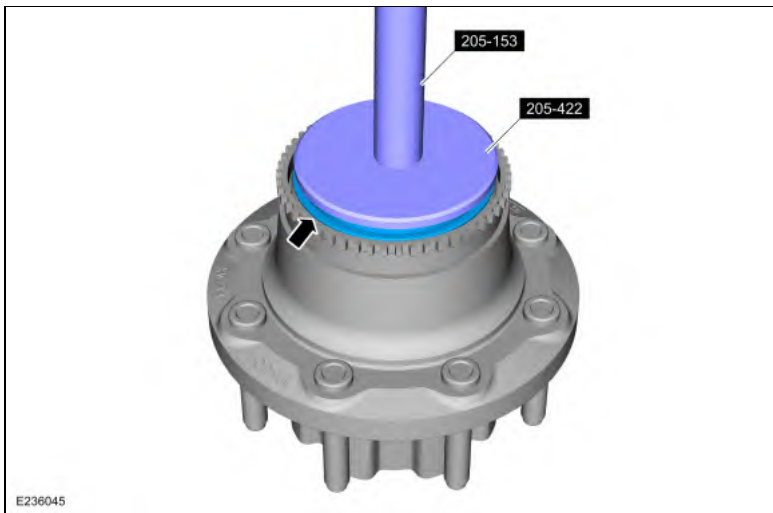
Install the new inner wheel hub bearing.



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. , 205-422 Installer, Wheel Hub Oil Seal (10 1/2).



6. Install the wheel hub.
Refer to: Wheel Hub (205-02E Wheel Hubs and Bearings - Full Floating Axle - Vehicles With: Ford 10.5 Inch Ring Gear, Removal and Installation).

mcx30.com