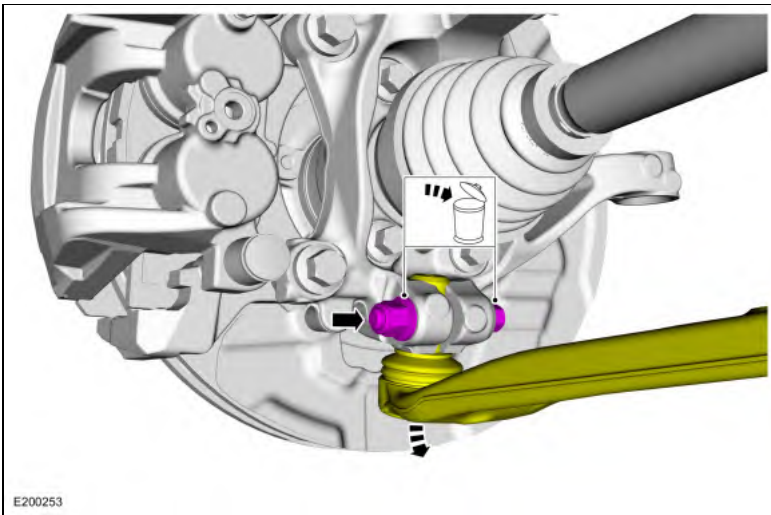
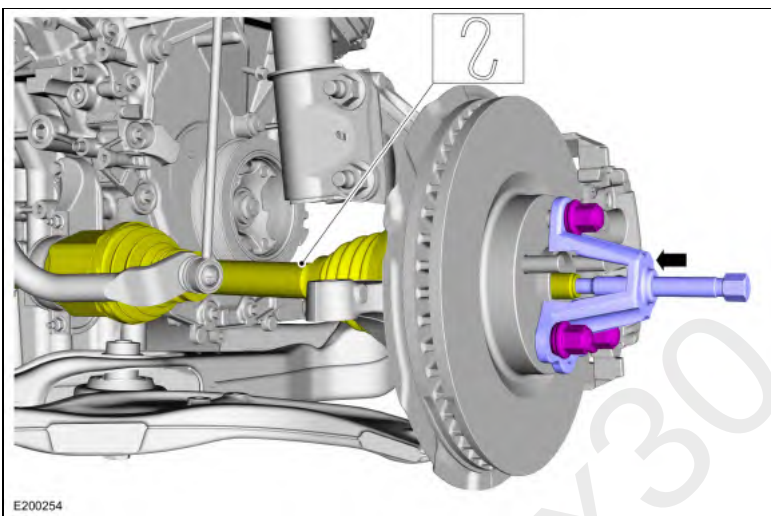


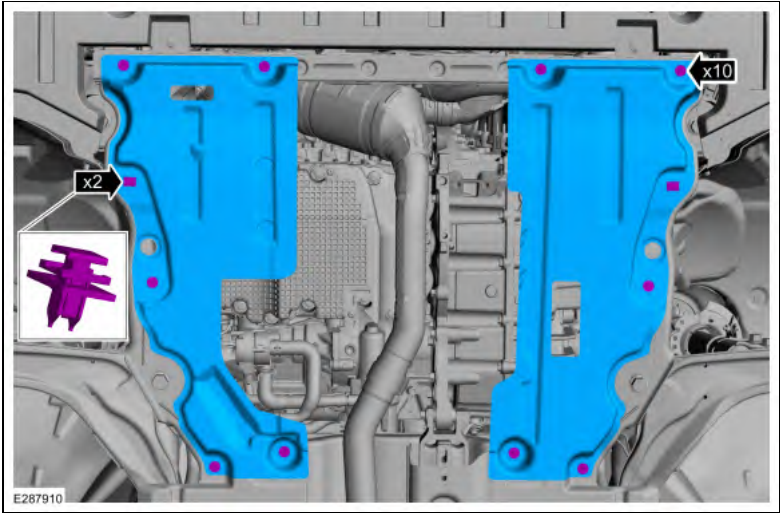


6. **NOTICE:** Do not bend the inner joint more than 18 degrees and the outer joint more than 45 degrees. Damage to the shaft will occur.

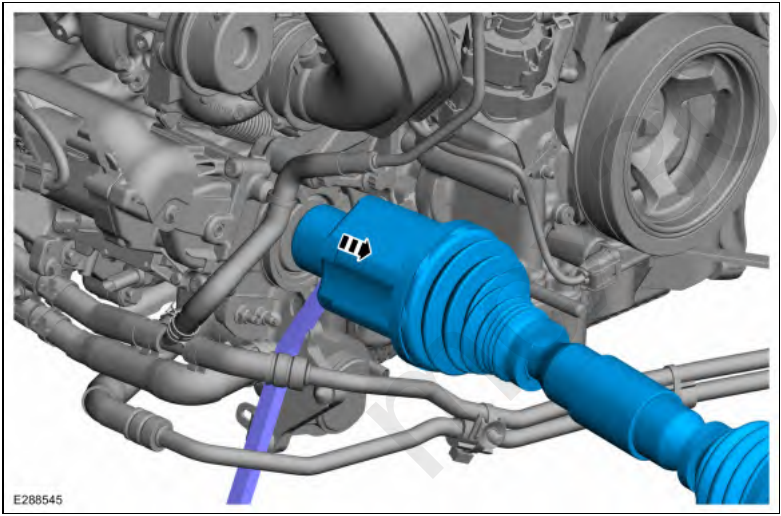
Install the special tool and press the halfshaft from the front wheel bearing and wheel hub.
Use Special Service Tool: 205-D070 (D93P-1175-B) Remover, Front Wheel Hub.



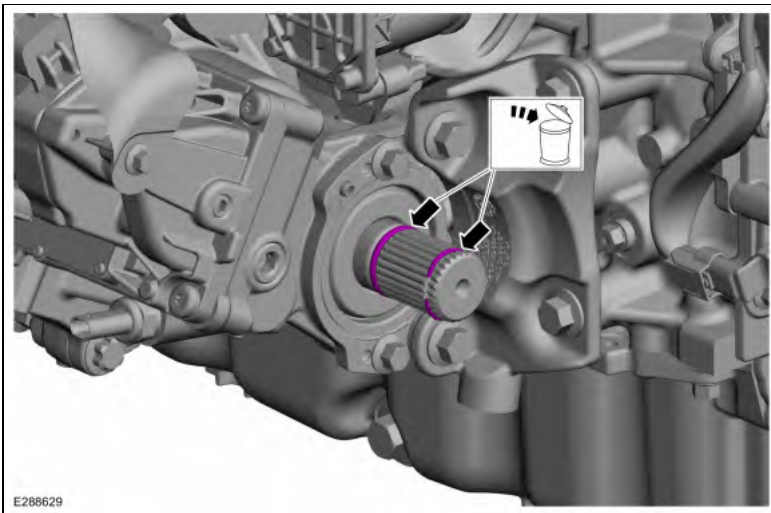
7. If equipped, remove the underbody shield.



8. Remove the halfshaft.

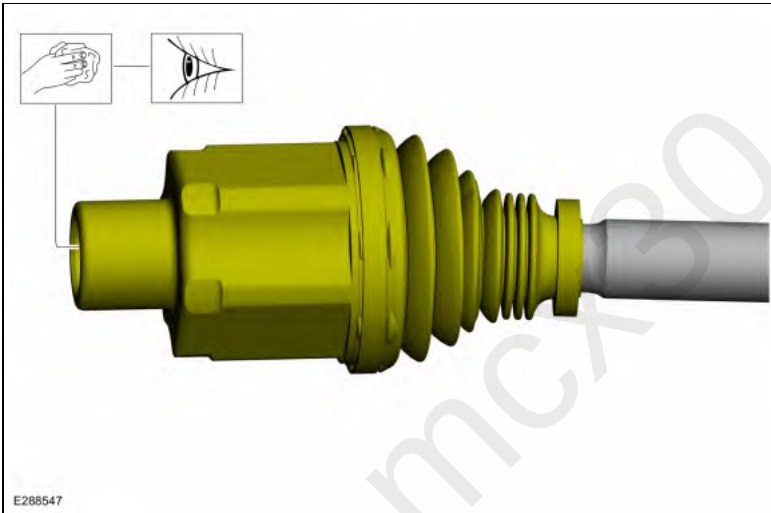


9. Remove and discard the circlip and O-Ring seal from the intermediate shaft.

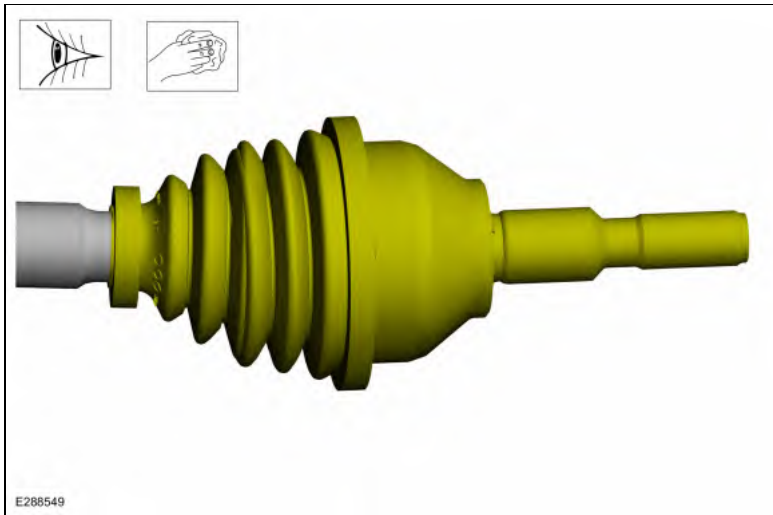


Installation

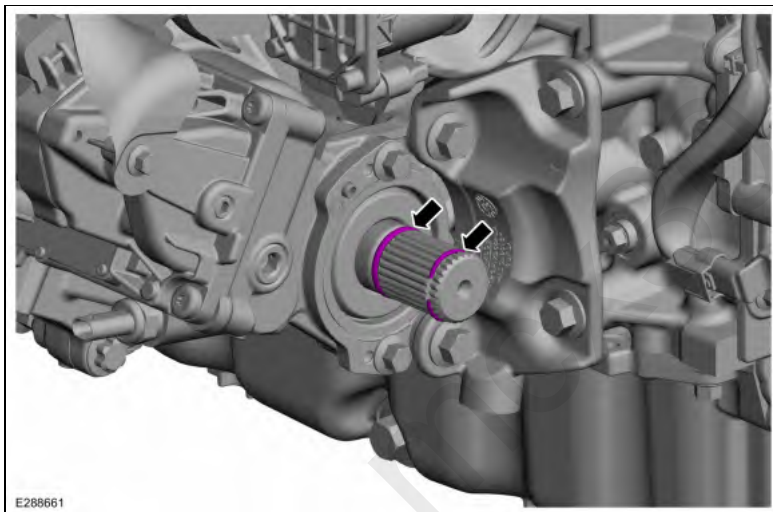
- 1. Clean and inspect the inboard end of the halfshaft.



- 2. Clean and inspect the outboard end of the halfshaft.

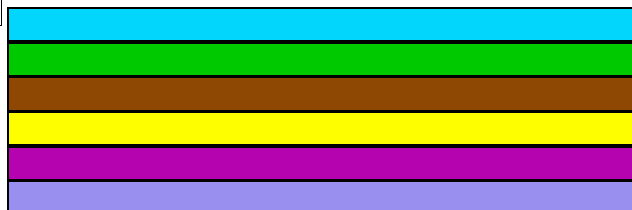
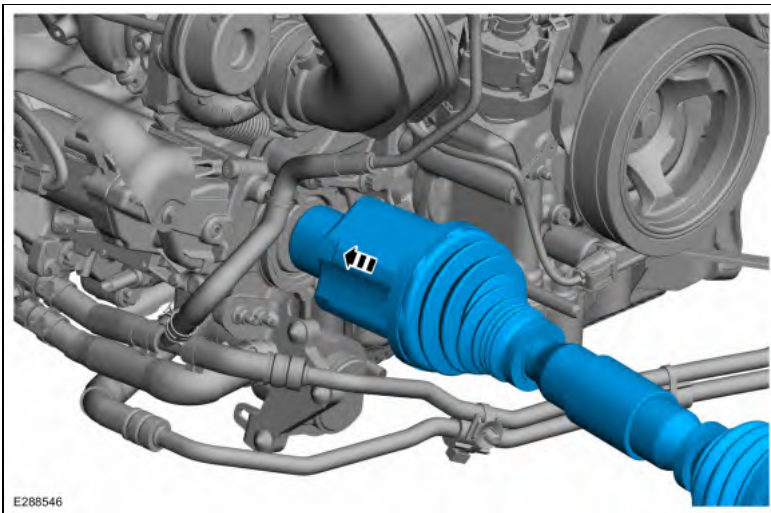


3. Install the new circlip and O-Ring seal on the intermediate shaft.



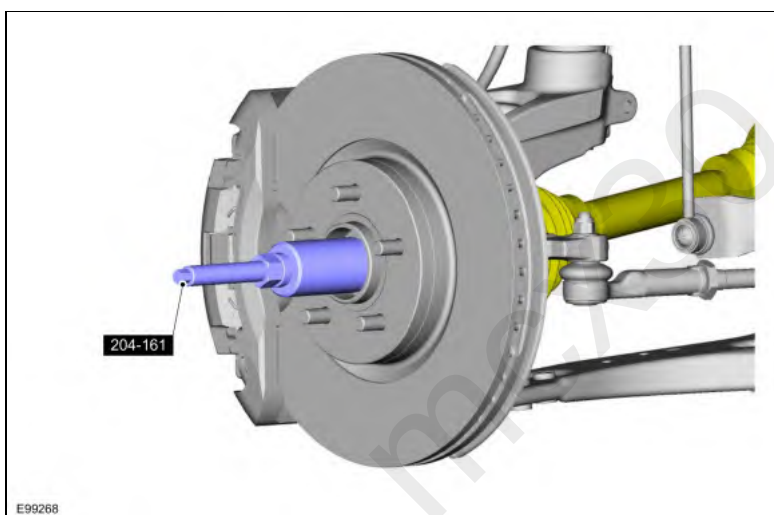
4. **NOTE:** Use care to not cause damage to the components.

Install the intermediate shaft.

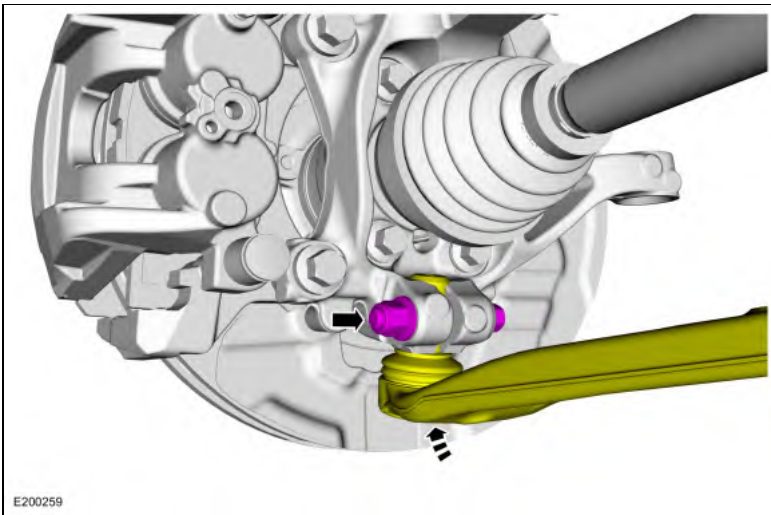


5.

- Insert halfshaft through the wheel bearing.
- Using the special tool, seat the halfshaft splines in the wheel bearing.
Use Special Service Tool: 204-161 (T97P-1175-A) Installer, Halfshaft.

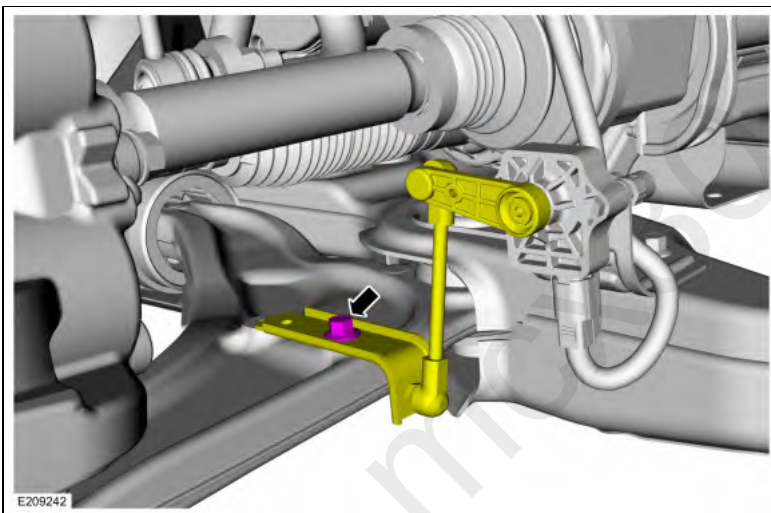


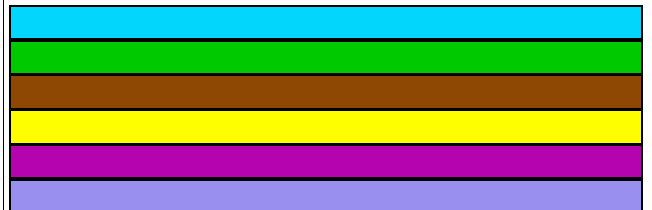
6. Position the ball joint into the wheel knuckle and install the new ball joint pinch bolt and nut.
Torque: 76 lb.ft (103 Nm)



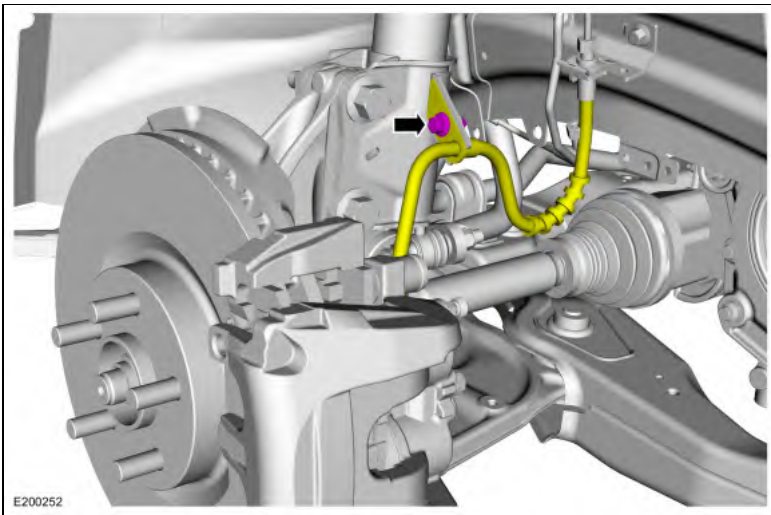


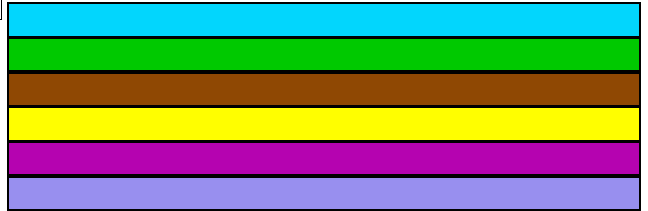
7. If equipped.
Position the front height sensor arm bracket and install the front height sensor arm bracket bolt.
Torque: 177 lb.in (20 Nm)





8. Position the brake flexible hose and install the brake flexible hose bracket bolt.
Torque: 159 lb.in (18 Nm)





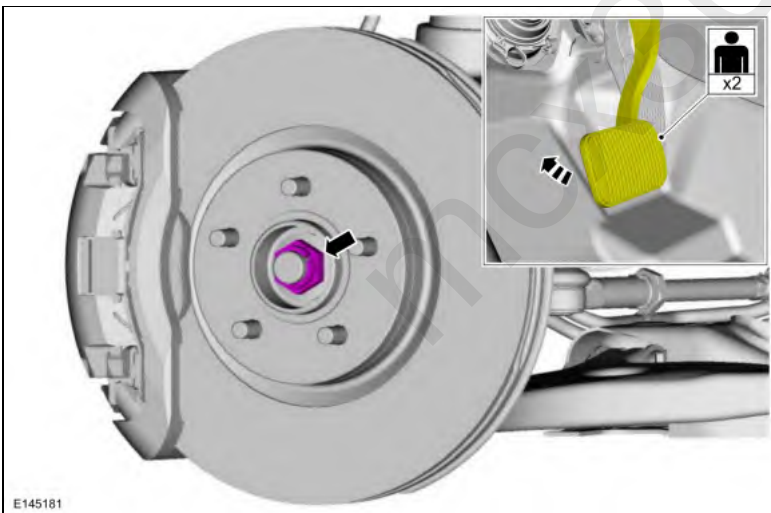
9. **NOTICE:** Do not tighten the front wheel hub nut with the vehicle on the ground. The nut must be tightened to specification before the vehicle is lowered onto the wheels. Wheel bearing damage will occur if the wheel bearing is loaded with the weight of the vehicle applied.

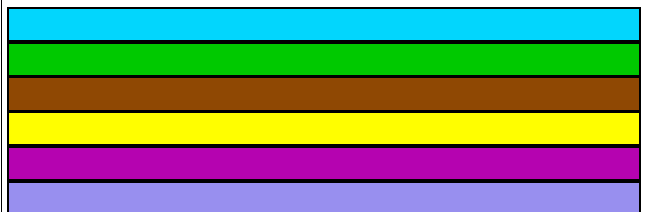
NOTICE: Install and tighten the new wheel hub nut to specification in a continuous rotation. Always install a new wheel hub nut after loosening or when not tightened to specification in a continuous rotation or damage to the components may occur.

NOTE: Apply the brake to keep the halfshaft from rotating.

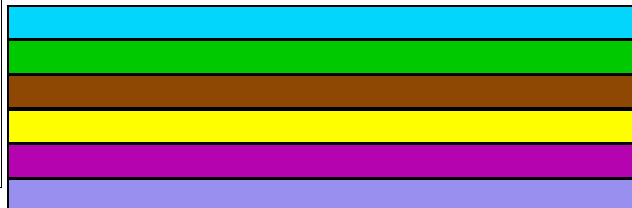
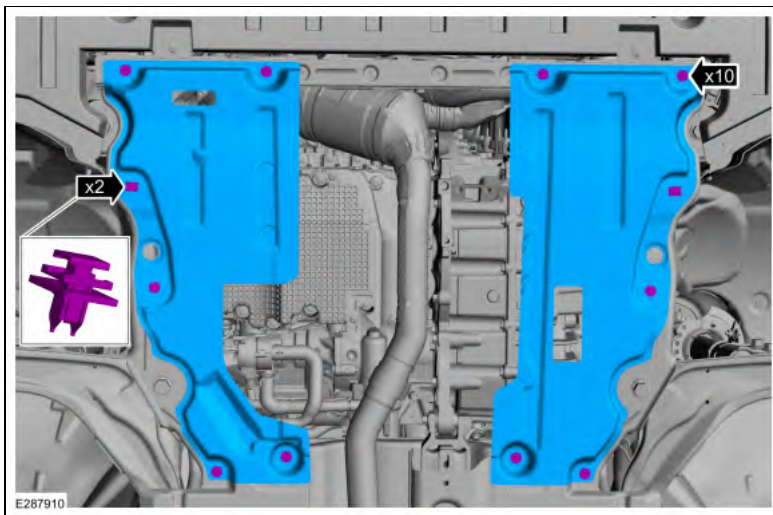
While an assistant applies the brake, install the new wheel hub nut.

Torque: 148 lb.ft (200 Nm)





10. If equipped, install the underbody shield and the retainers.

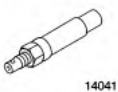


11. Install the wheel and tire.
Refer to: Wheel and Tire (204-04A Wheels and Tires, Removal and Installation).
12. Calibrate the suspension system. Connect the scan tool and carry out the Ride Height Calibration routine. Follow the scan tool directions.

mcx30.com

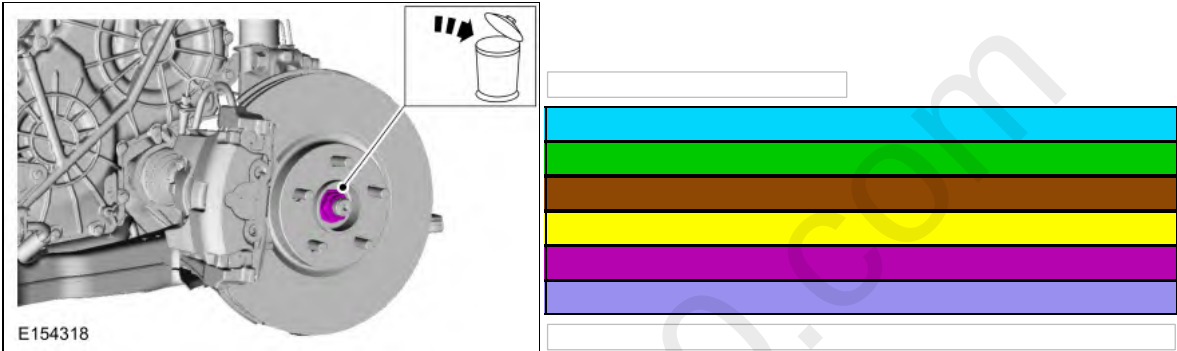
Front Halfshaft LH

Special Tool(s) / General Equipment

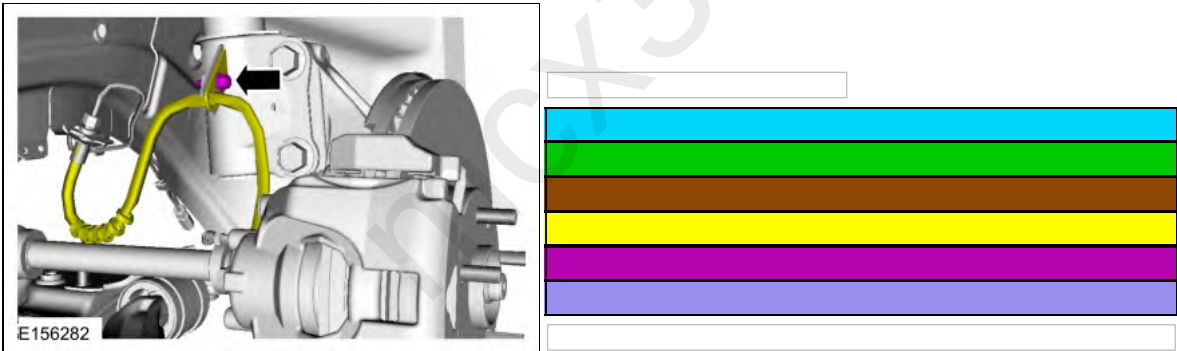
	204-161 (T97P-1175-A) Installer, Halfshaft TKIT-1997-LM2 TKIT-1997-F/FM2 TKIT-1997-FLM2
	205-D070 (D93P-1175-B) Remover, Front Wheel Hub

Removal

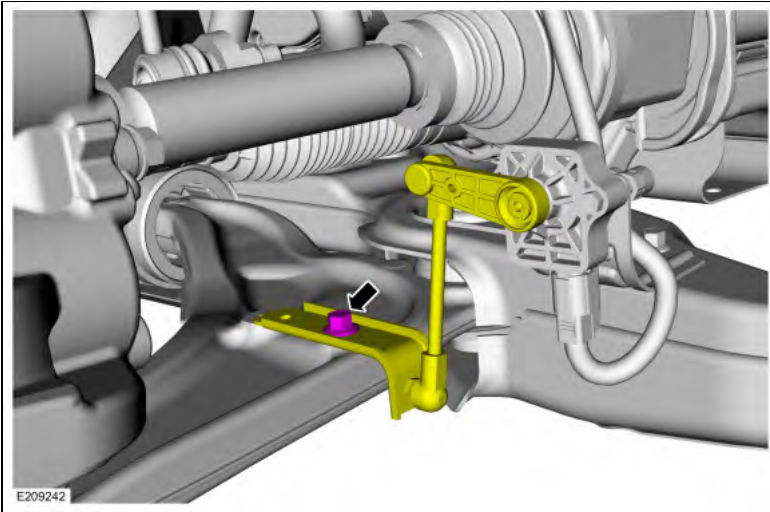
1. Remove the wheel and tire.
Refer to: Wheel and Tire (204-04A Wheels and Tires, Removal and Installation).
2. Remove and discard the wheel hub nut.



3. Remove the brake hose bracket bolt and position the brake hose aside.



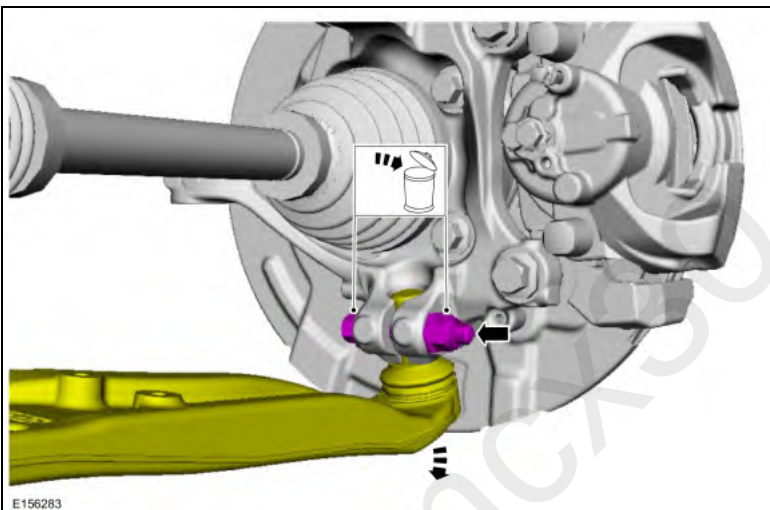
4. **NOTICE:** The front suspension height sensor must be disconnected from the lower control arm prior to servicing suspension components or damage to the suspension height sensor and/or the vehicle dynamic suspension system may occur. The sensor will need to be recalibrated after reassembly.
If equipped.
Remove the front height sensor arm bracket bolt and position the front height sensor arm bracket aside.



5. **NOTICE:** Do not use a prying device or separator fork between the ball joint and the wheel knuckle. Damage to the ball joint or ball joint seal may result. Only use the pry bar by inserting it into the lower arm body opening.

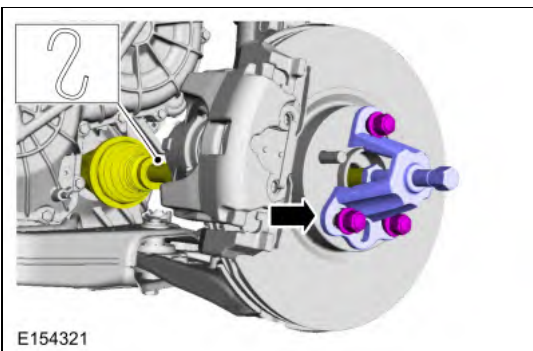
NOTICE: Use care when releasing the lower arm and wheel knuckle into the resting position or damage to the ball joint seal may occur.

Remove and discard the ball joint pinch bolt and nut and separate the ball joint from the wheel knuckle.



6. **NOTICE:** Do not bend the inner joint more than 18 degrees and the outer joint more than 45 degrees. Damage to the shaft will occur.

Install the special tool and press the halfshaft from the front wheel bearing and wheel hub.
Use Special Service Tool: 205-D070 (D93P-1175-B) Remover, Front Wheel Hub.



7. **NOTE:** Do not pull on the halfshaft. Pull or pry on the inner CV housing only or damage may occur.