

Front Wheel Speed Sensor - RWD

Materials

Name	Specification
Motorcraft® Metal Brake Parts Cleaner PM-4-A, PM-4-B	-

Removal

NOTE: Removal steps in this procedure may contain installation details.

NOTE: Typical RH wheel speed sensor shown.

1. **NOTE: For RH side only.**

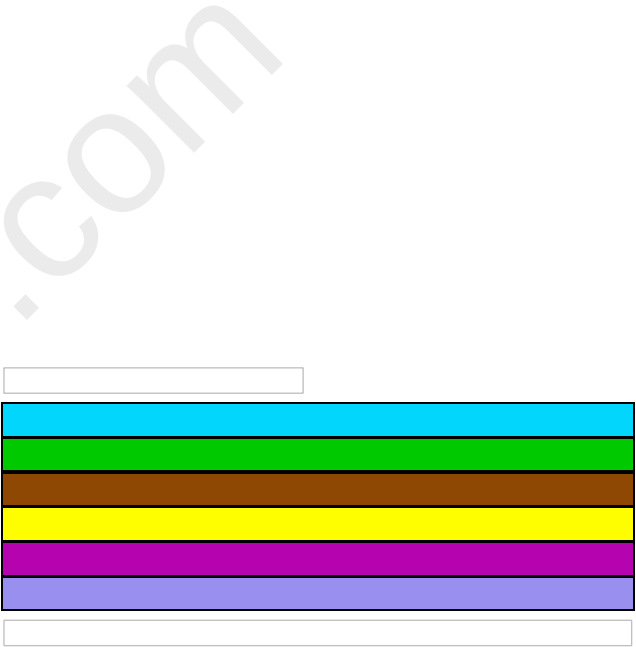
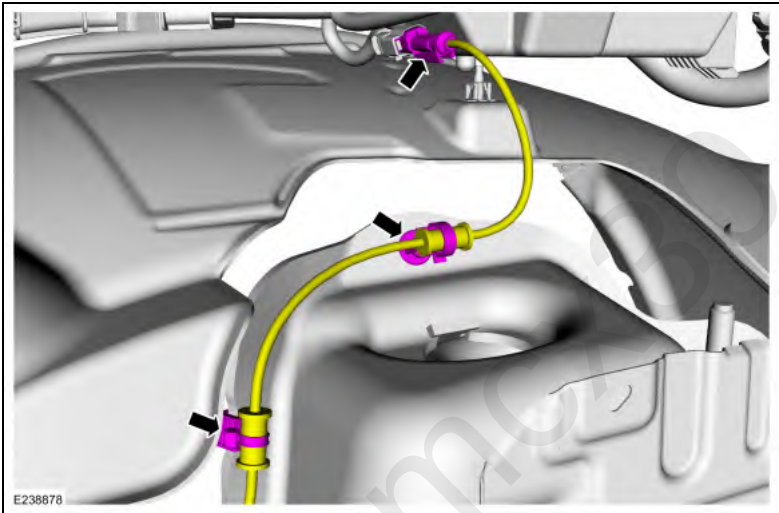
Refer to: Air Cleaner (303-12A Intake Air Distribution and Filtering - 6.2L V8, Removal and Installation).
Refer to: Air Cleaner (303-12B Intake Air Distribution and Filtering - 6.7L Power Stroke Diesel, Removal and Installation).

2. With the vehicle in NEUTRAL, position it on a hoist.
Refer to: Jacking and Lifting - Overview (100-02 Jacking and Lifting, Description and Operation).

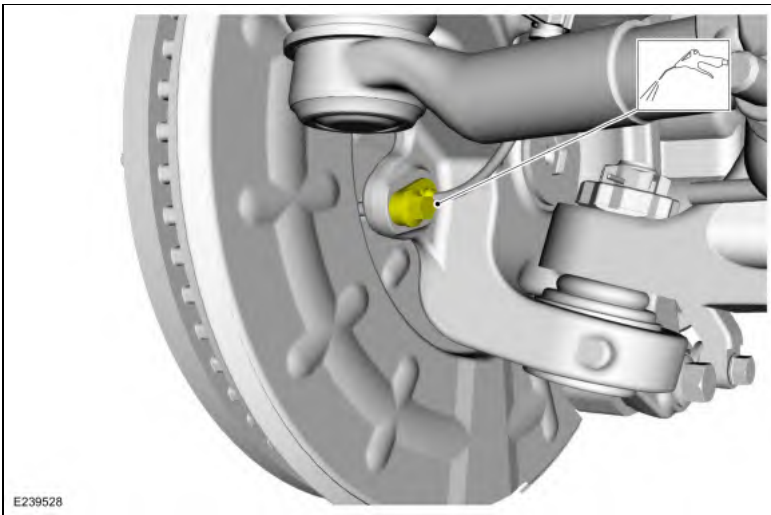
F-250/F-350

NOTE: Vehicles with Twin I-Beam axle.

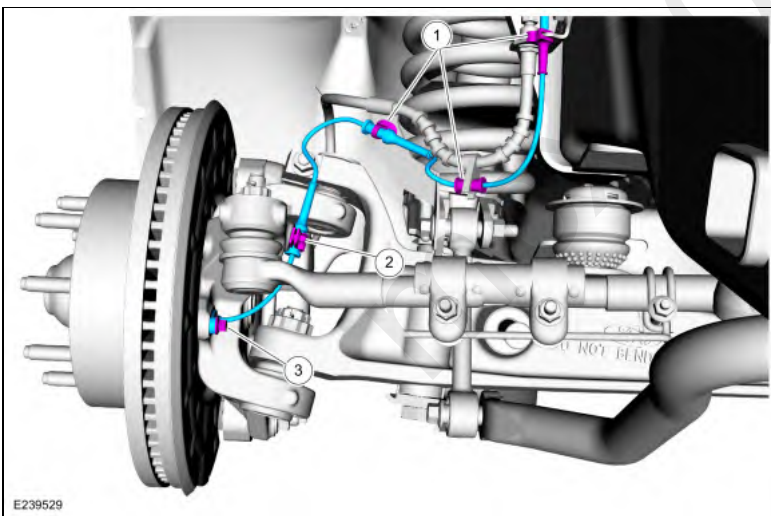
3. Disconnect the wheel speed sensor electrical connector and detach the retainers.



4. Using compressed air, clean the area surrounding the wheel speed sensor.



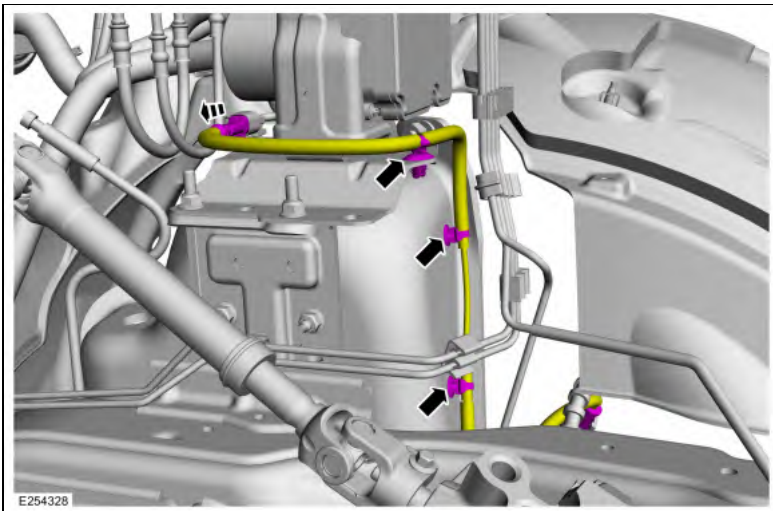
5.
 1. Detach the wheel speed sensor harness retainers.
 2. Remove the wheel speed sensor harness bolt.
Torque: 106 lb.in (12 Nm)
 3. Remove the bolt and the wheel speed sensor.
Torque: 18 lb.ft (25 Nm)



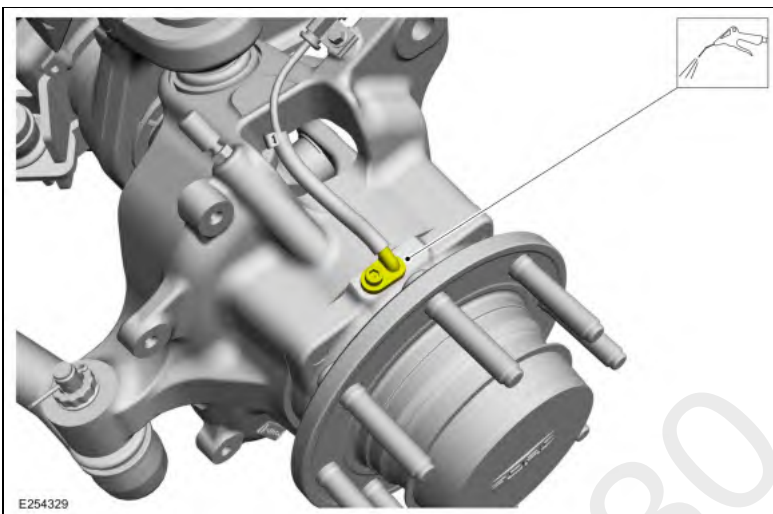
F-450/F-550

NOTE: Vehicles with Mono-Beam axle.

6. Remove the brake disc shield.
Refer to: Brake Disc Shield (206-03 Front Disc Brake, Removal and Installation).
7. Disconnect the electrical connector and detach the harness retainers.

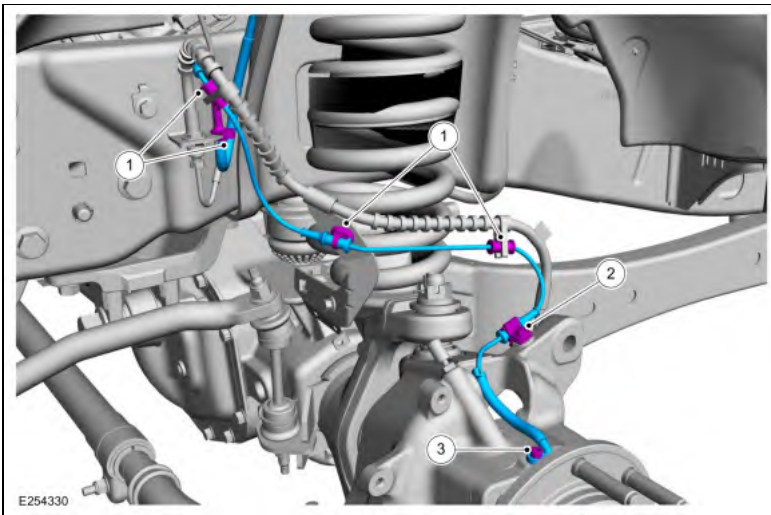


8. Using compressed air, clean the area surrounding the wheel speed sensor.



9.
 1. Detach the harness retainers.
 2. Remove the harness retainer bolt.
Torque: 106 lb.in (12 Nm)
 3. Remove the bolt and the wheel speed sensor.
Torque: 18 lb.ft (25 Nm)





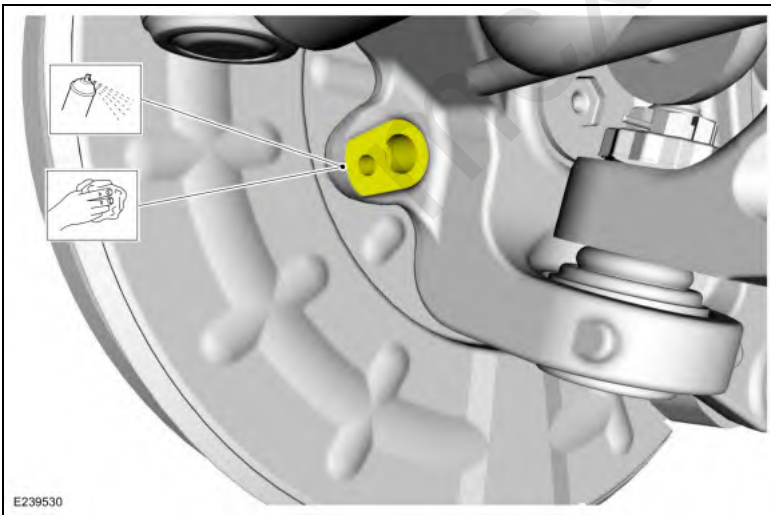
Installation

1. To install, reverse the removal procedure.

F-250/F-350

NOTE: Vehicles with Twin I-Beam axle.

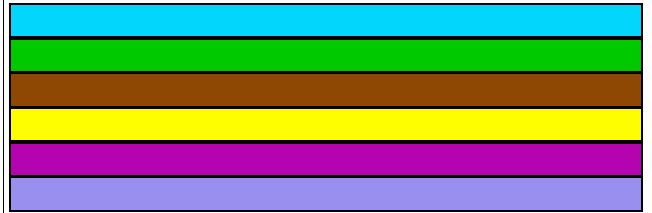
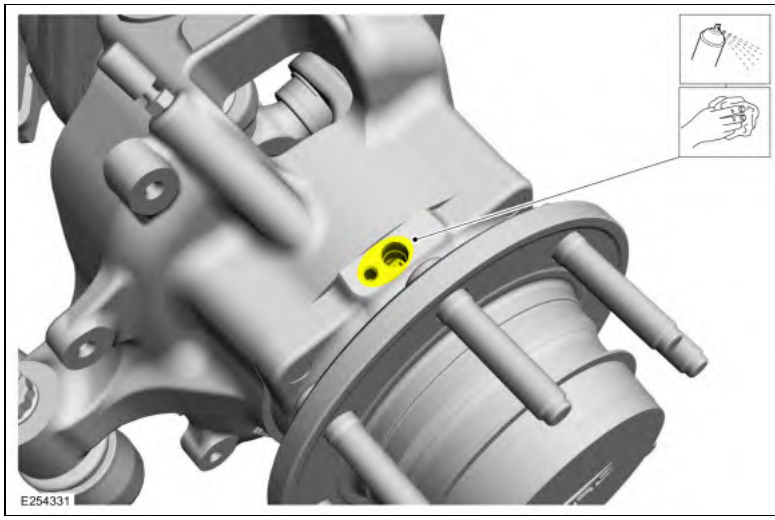
2. Before installing a new sensor, inspect the sensor housing to make sure the sensor cavity is clean and free of foreign material.
Material: Motorcraft® Metal Brake Parts Cleaner / PM-4-A, PM-4-B



F-450/F-550

NOTE: Vehicles with Mono-Beam axle.

3. Before installing a new sensor, inspect the sensor housing to make sure the sensor cavity is clean and free of foreign material.
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