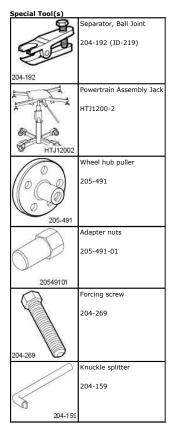
Published: 11-May-2011

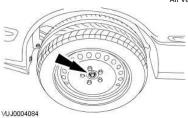
Front Suspension - Shock Absorber and Spring Assembly Removal and Installation



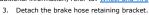
Removal

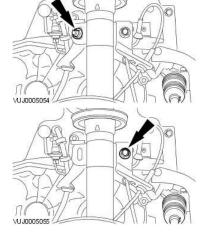
All vehicles

1. Loosen the wheel hub nut.



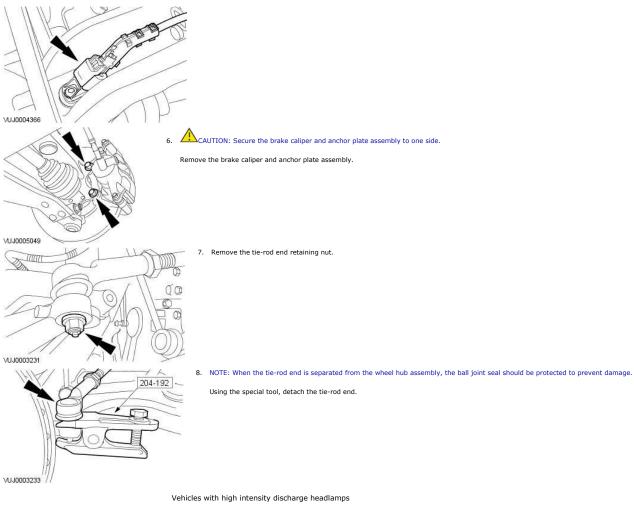
Remove the wheel and tire.
 For additional information, refer to: Wheel and Tire (204-04 Wheels and Tires, Removal and Installation).



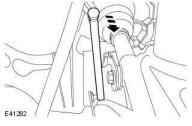


4. Detach the stabilizer link bar.

 $5. \quad \hbox{Disconnect the front wheel speed sensor electrical connector.}$

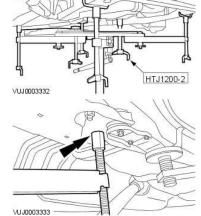


9. Detach the link rod from the headlamp leveling sensor.



All vehicles

10. Install the special tool.

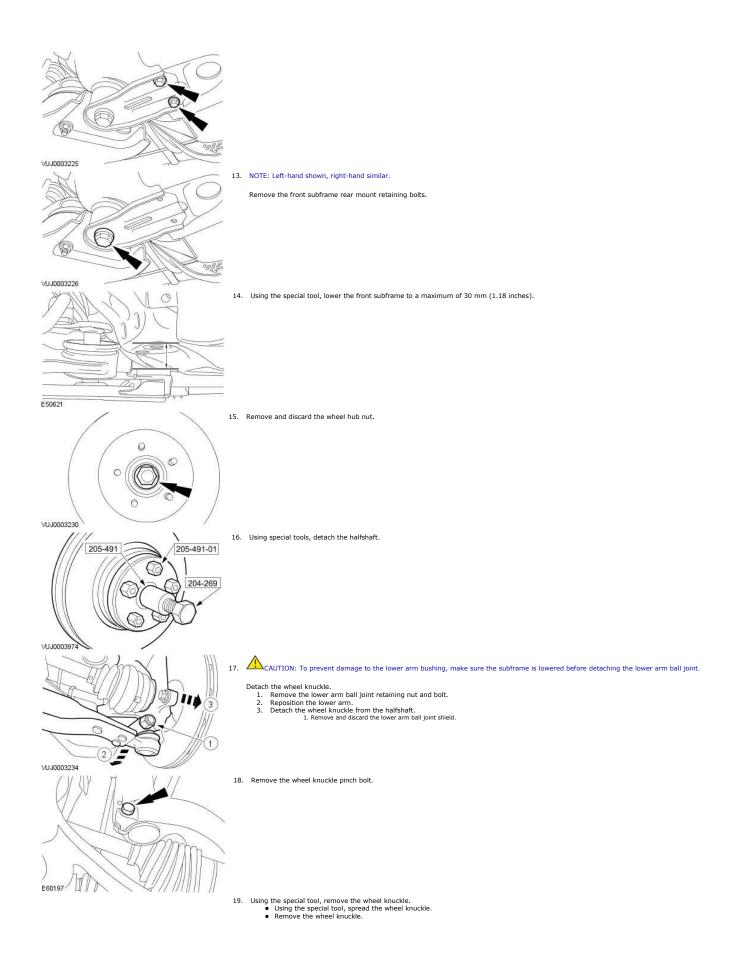


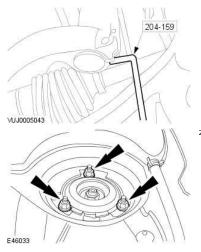
11. NOTE: Left-hand shown, right-hand similar.

Position and adjust the special tool rear height adjuster.

12. NOTE: Left-hand shown, right-hand similar.

Remove the front subframe reinforcement plate retaining bolts.





20. NOTE: Note the orientation of the retaining stud marked with a paint spot.

Remove the strut and spring assembly.

Installation

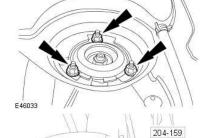
All vehicles

1. NOTE: Make sure orientation arrow on the strut top rubber mount faces from front to rear of the vehicle.

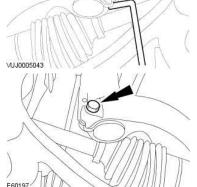
NOTE: Make sure the retaining stud marked with a paint spot is correctly orientated.

Install the strut and spring assembly.

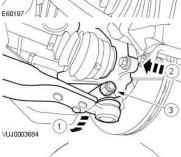
• Tighten to 25 Nm.



2. Using the special tool, install the wheel knuckle.



Install the wheel knuckle pinch bolt.Tighten to 85 Nm.



4. NOTE: Install a new retaining nut.

NOTE: Install a new lower arm ball joint shield.

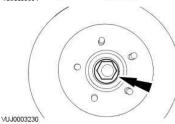
- Attach the wheel knuckle.

 1. Reposition the lower arm.

 2. Attach the wheel knuckle to the halfshaft.

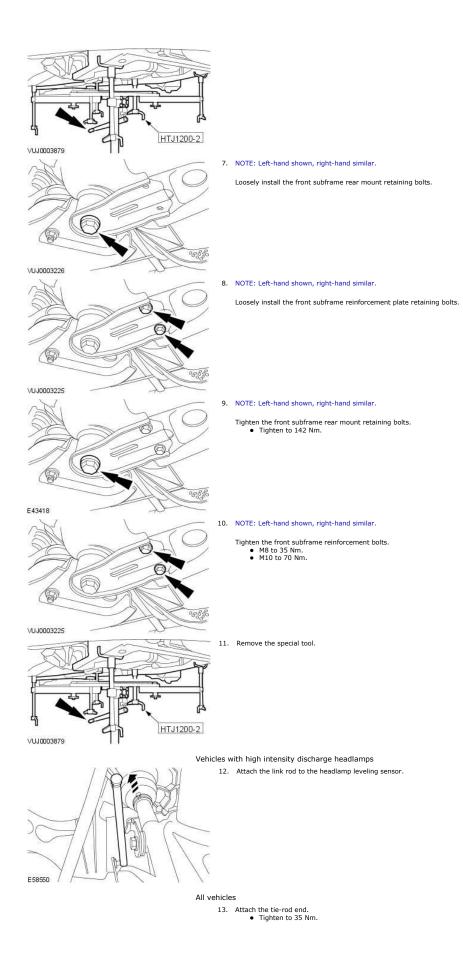
 3. Install the lower arm ball joint retaining nut and bolt.

 Tighten to 83 Nm.



5. Loosely install the new wheel hub nut.

6. Using the special tool raise the front subframe.



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