

Chassis ID N 491116	Path 7222/Repair//Bottom Plate, Replacement
Model VN	Identity 120301807
Publish date 8/9/2008	ID/Operation 7222-03-02-08

7222-03-02-08 Bottom Plate, Replacement

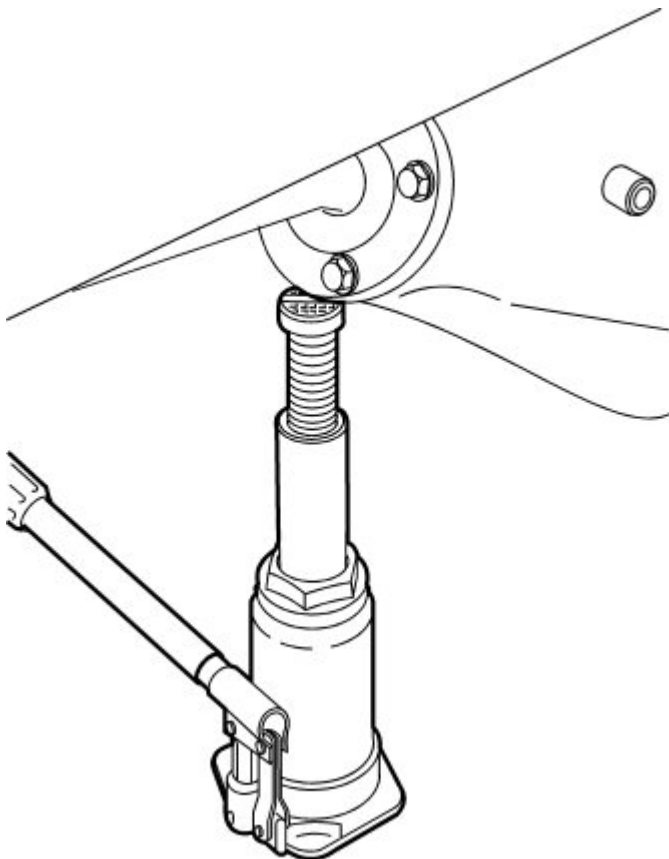
You must read and understand the precautions and guidelines in Service Information, group 70, "General Safety Practices" before performing this procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

Removal

1

Chock front wheels on vehicle.

2



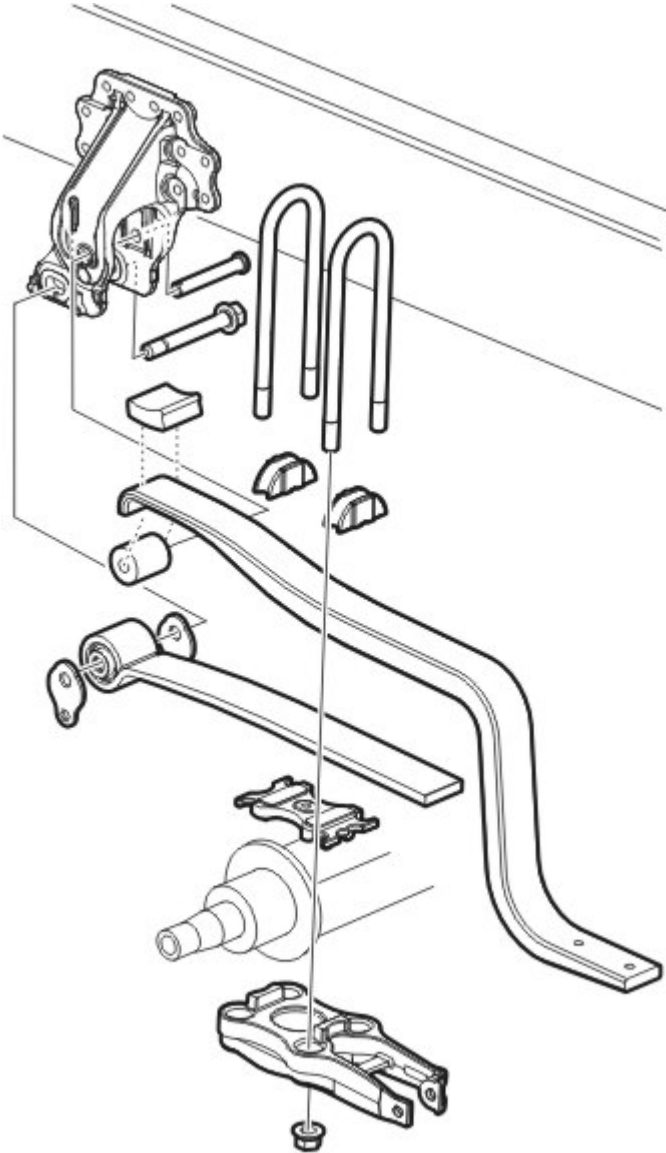
Support the front of the axle housing with an adequate jack.

Note: Failure to properly support the front of the axle housing may result in the axle rolling forward, which can cause serious injury or death to anyone under the vehicle.

3

Disconnect the shock from the bottom plate/lower shock absorber bracket.

4



Remove nuts from the U-bolts, then remove the bottom plate/lower shock absorber bracket.

Installation

5

Install the bottom plate/lower shock absorber bracket and reconnect the lower shock absorber and U-bolt nuts.

Note: Whenever the U-bolts are loosened and/or the suspension components attached to the axle are being worked on, make sure that the locating features on each component are properly engaged so that the components are

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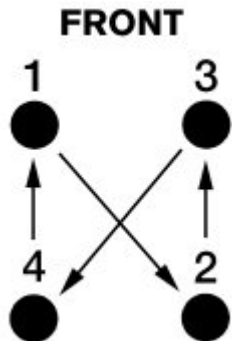
positioned together properly.

6

Check for dirt or debris in the U-bolt threads. Clean the threads if necessary and coat with a light wax-based lubricant.

Note: Lubricating the threads with motor oil is not recommended because of the detergent additives.

7



Tighten U-bolts using a cross pattern shown above. Tighten as follows:

- M20: 500 ± 75 Nm (370 ± 55 ft-lb).
- M22: 575 ± 50 Nm or (425 ± 37 ft-lb).

Note: Before tightening the U-bolt nuts, position the suspension at approximately the normal ride height and make sure the bolts holding the crossbeam (pedestal plate) to the Z-spring are loosened. This will help provide proper alignment for the Z-springs.

Note: To ensure proper tightening, refer to [7214-05-02-01 U-bolt Torque, Adjustment](#) .

M20:

M22:

Specifications:

500 ± 75 Nm (370 ± 55 ft-lb) 575 ± 50 Nm (425 ± 37 ft-lb)