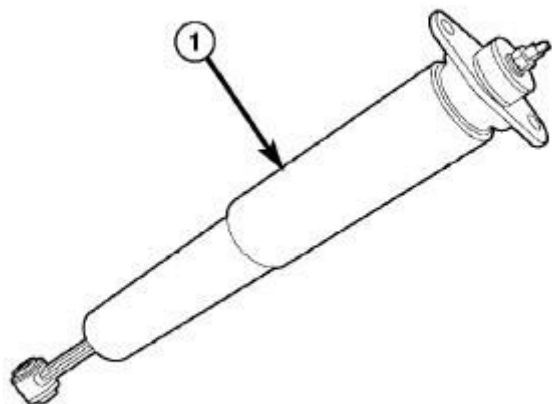


SHOCK ABSORBER, SUSPENSION

DESCRIPTION

NON SRT

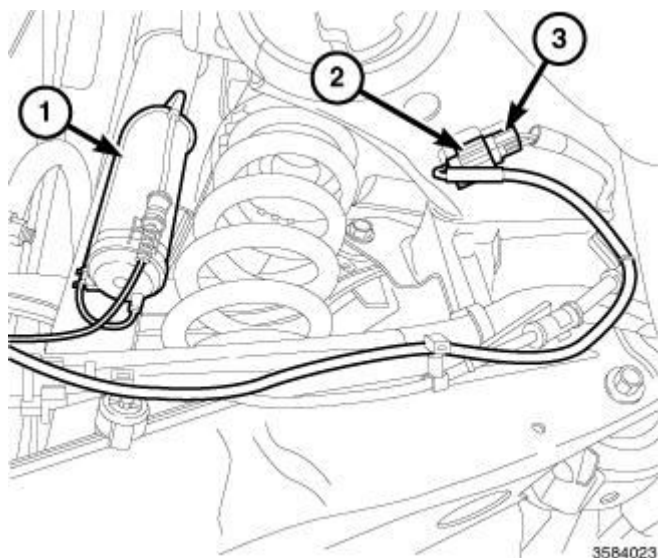


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Fig. 165: Nivomat Load-Leveling Shock Absorber
Courtesy of CHRYSLER GROUP, LLC

Non SRT vehicles have standard gas-charged shock absorbers for the rear suspension.

SRT



3584023

Fig. 166: Shock Solenoid Assembly & ADS Harness Connector

Courtesy of CHRYSLER GROUP, LLC

NOTE: Left side shown, right side similar.

This vehicle has Active Damping System (ADS) shock absorbers for the rear suspension. The ADS shock absorbers are serviced the same as conventional shocks, except the ADS connector (2) must be removed from the harness connector (3). It is important to pay close attention to which direction the shock solenoid assembly (1) is pointing when removing and installing ADS shocks.

REMOVAL

NON SRT

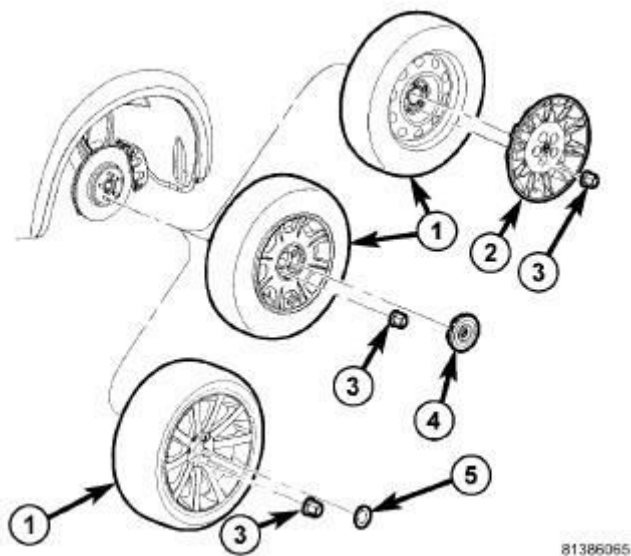


Fig. 167: Tire And Wheel Mounting

Courtesy of CHRYSLER GROUP, LLC

1. Raise and support vehicle. Refer to **HOISTING, STANDARD PROCEDURE** .
2. Remove wheel mounting nuts (3), then tire and wheel assembly (1).
3. Position under-hoist utility jack or jack stand under outer spring link adding just enough support to keep suspension from going into full-rebound when shock absorber mounting bolts are removed.

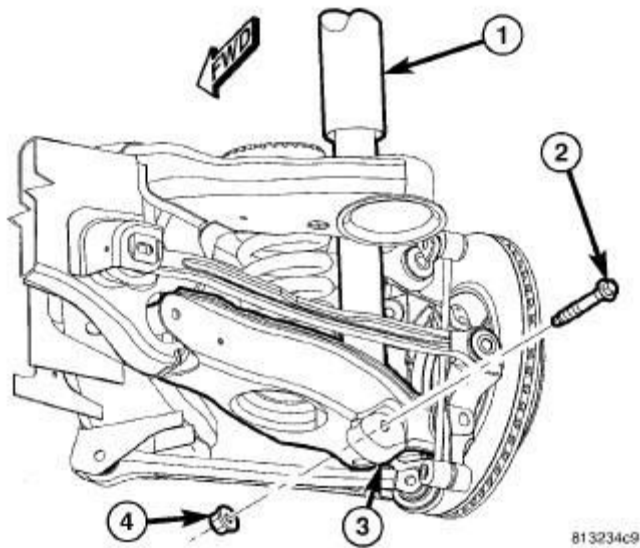


Fig. 168: Lower Shock Mount
Courtesy of CHRYSLER GROUP, LLC

4. Remove shock absorber (1) lower mounting bolt (2) and nut (4).

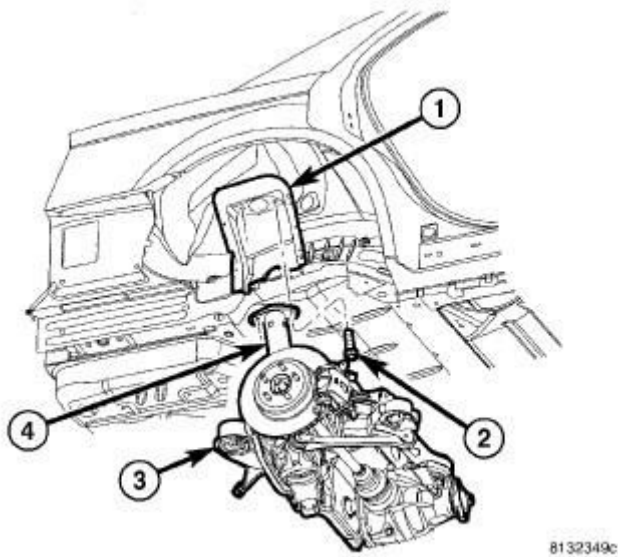
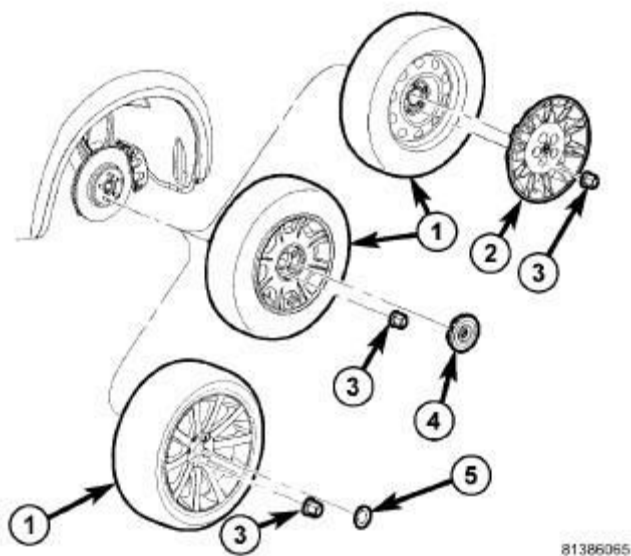


Fig. 169: Shock And Frame Mounting - Upper
Courtesy of CHRYSLER GROUP, LLC

5. Remove shock absorber (1) upper mounting bolts (2).
6. Remove shock absorber (4).

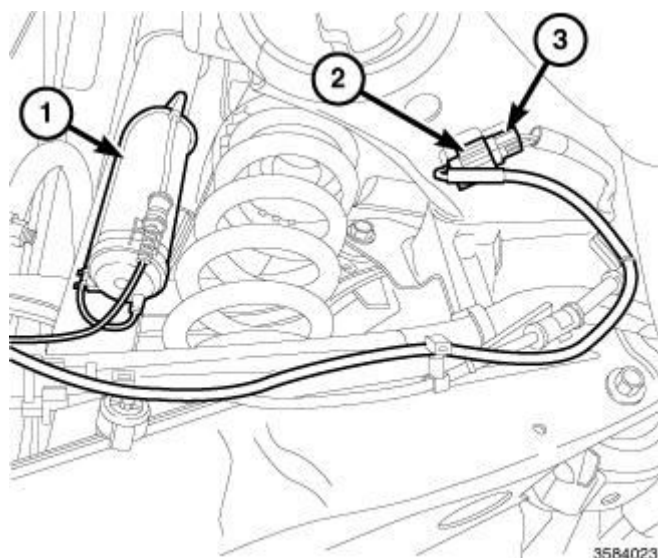


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Fig. 170: Tire And Wheel Mounting

Courtesy of CHRYSLER GROUP, LLC

1. Raise and support vehicle. Refer to **HOISTING, STANDARD PROCEDURE** .
2. Remove wheel mounting nuts (3), then tire and wheel assembly (1).
3. Position under-hoist utility jack or jack stand under outer spring link adding just enough support to keep suspension from going into full-rebound when shock absorber mounting bolts are removed.



3584023

Fig. 171: Shock Solenoid Assembly & ADS Harness Connector

Courtesy of CHRYSLER GROUP, LLC

NOTE: Left side shown, right side similar.

4. Disconnect the Active Damping System (ADS) shock connector (2) from the harness connector (3).

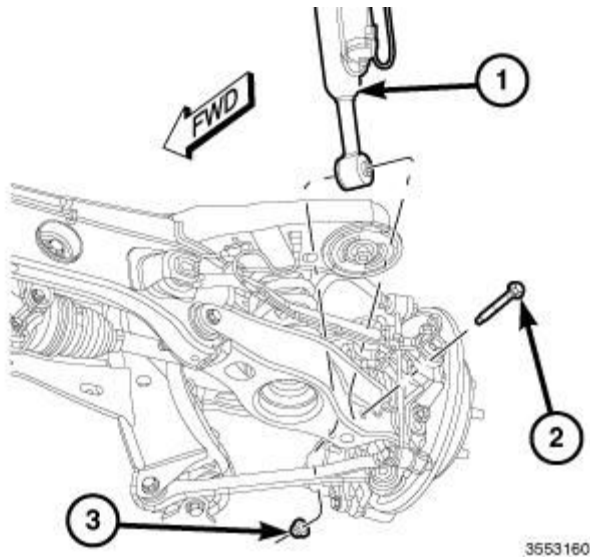


Fig. 172: Lower Mounting Bolt, Nut & Shock Absorber
Courtesy of CHRYSLER GROUP, LLC

NOTE: Right side shown, left side similar.

5. Remove lower mounting bolt (2) and nut (3) securing shock absorber (1) to knuckle.

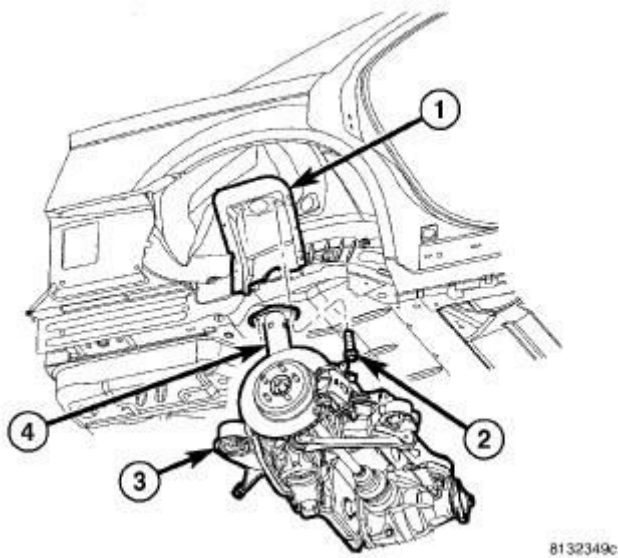


Fig. 173: Shock And Frame Mounting - Upper
Courtesy of CHRYSLER GROUP, LLC

6. Remove shock absorber upper mounting bolts (2).
7. Remove shock absorber (4).

INSTALLATION

NON SRT

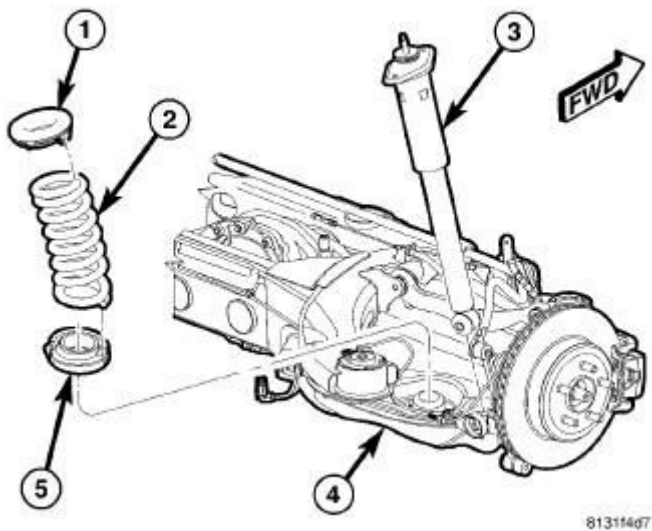


Fig. 174: Coil Spring And Shock Assy.
Courtesy of CHRYSLER GROUP, LLC

1. Insert lower end of shock absorber (3) into well of spring link (4).

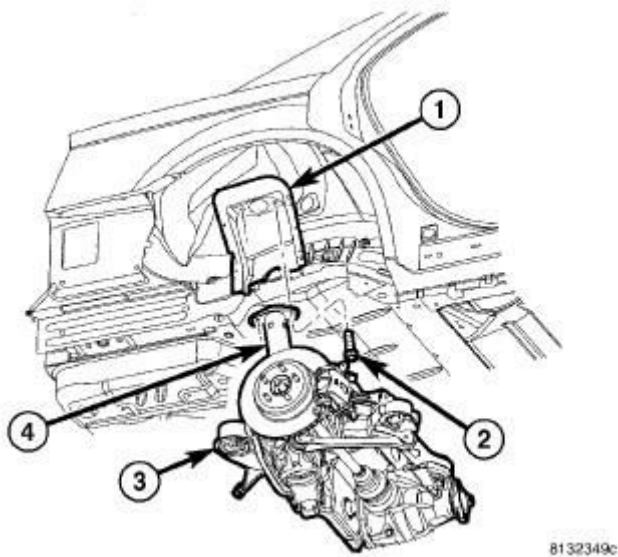


Fig. 175: Shock And Frame Mounting - Upper
Courtesy of CHRYSLER GROUP, LLC

2. Raise upper end of shock absorber (4) up into mounted position on body (1) and install upper mounting screws (2). Tighten upper mounting screws to 52 N.m (38 ft. lbs.).

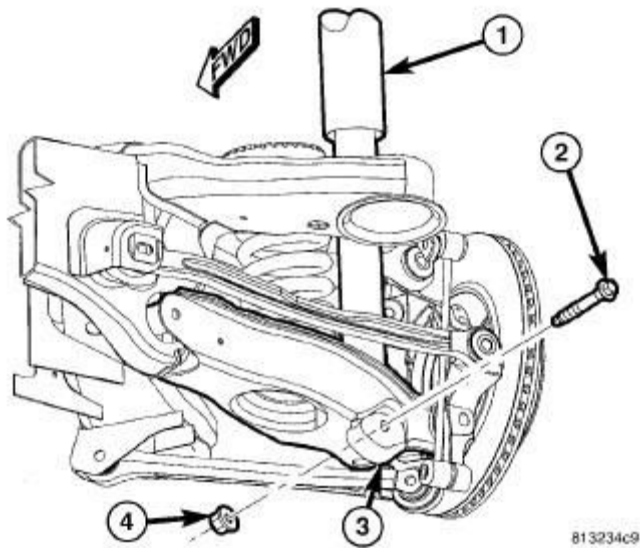


Fig. 176: Lower Shock Mount
 Courtesy of CHRYSLER GROUP, LLC

3. Install lower shock mounting bolt (2) and nut (4). **Do not tighten at this time.**
4. Remove under-hoist utility jack or jack stand from under spring link.

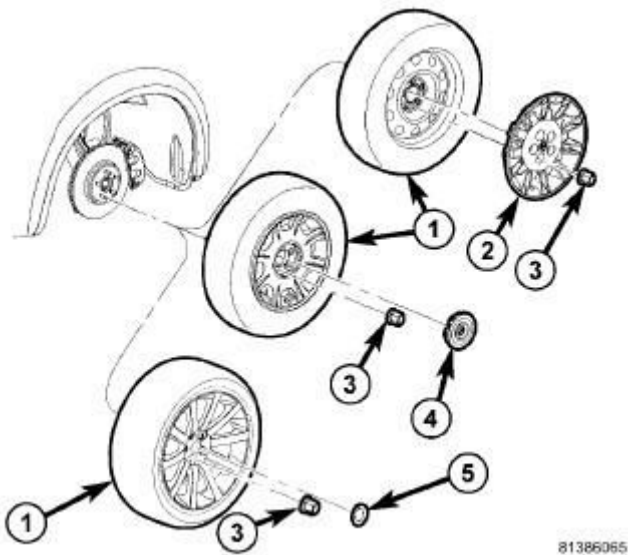


Fig. 177: Tire And Wheel Mounting
 Courtesy of CHRYSLER GROUP, LLC

5. Install tire and wheel assembly (1). Tighten wheel mounting nuts (3) to 150 N.m (110 ft. lbs.). Refer to **INSTALLATION**.
6. Lower vehicle.