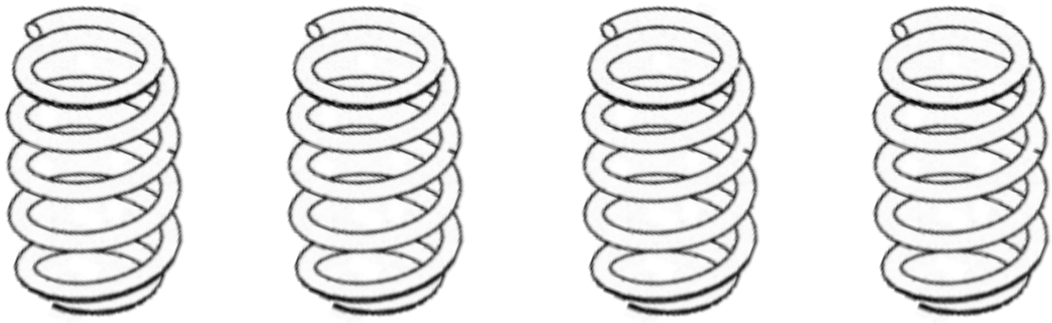
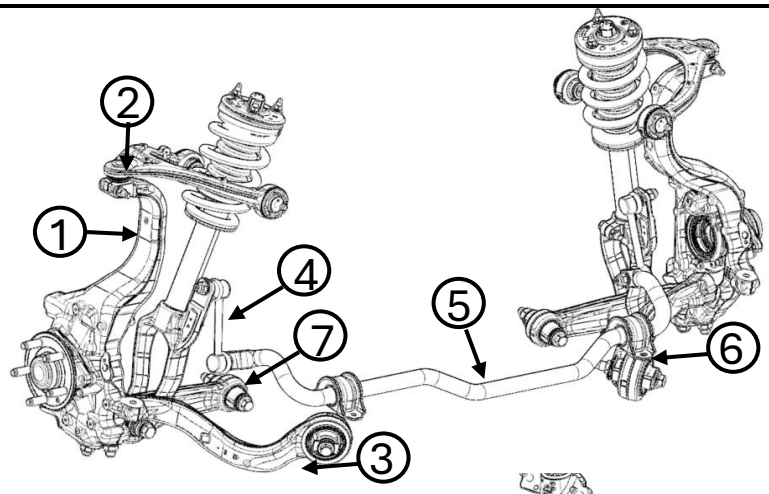
LB Dodge Charger
Lowering Springs

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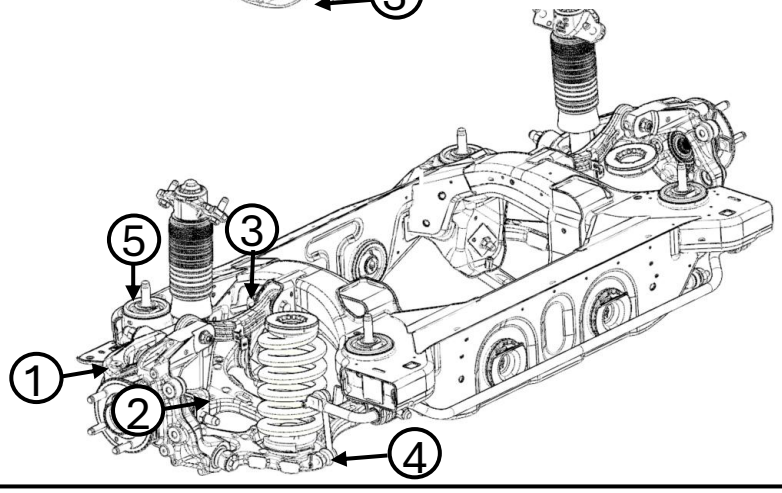


Instructions, see Service Manual for more details

1



1. Knuckle
2. Upper Control Arm
3. Tension Strut
4. Stabilizer End Link
5. Stabilizer Bar
6. Stabilizer Bar Retaining Bracket
7. Lower Control Arm



1. Knuckle
2. Lower Control Arm
3. Camber Link
4. Stabilizer End Link
5. Toe Link

Front

Removal

1. Remove the shock mounting bolts, and shock assembly from vehicle (reference Service manual for more details)
2. Using a spring removal/installation tool, disassemble shock assembly to remove the following:
    1. Spring assembly
    2. Upper shock mount
    3. Jounce bumper
    4. Upper spring isolator
    5. Dust shield
    6. Spring

Installation

1. Using a spring removal/installation tool, install lowering kit components in the order which the stock components were removed.
    1. Spring assembly
    2. Upper shock mount
    3. Jounce bumper
    4. Upper spring isolator
    5. Dust shield
    6. Lowering Kit Springs
2. Install the lowering kit shock assembly into the vehicle.

Rear

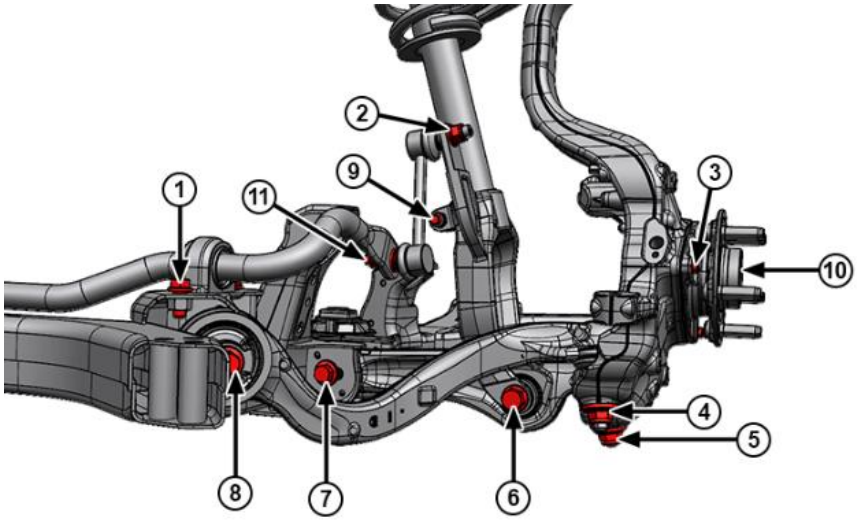
Removal

1. Remove hub nut.
2. Disconnect the following:
    1. Wheel speed sensor bolt and sensor
    2. Shock lower nut/bolt
    3. Stabilizer link lower bolt
    4. Height sensor Rod
    5. Vertical link lower bolt from the Lower Control Arm
    6. Camber link to knuckle outer nut and bolt
3. Lower control arm and remove the spring.
4. Remove Upper and Lower isolators from Spring

Installation

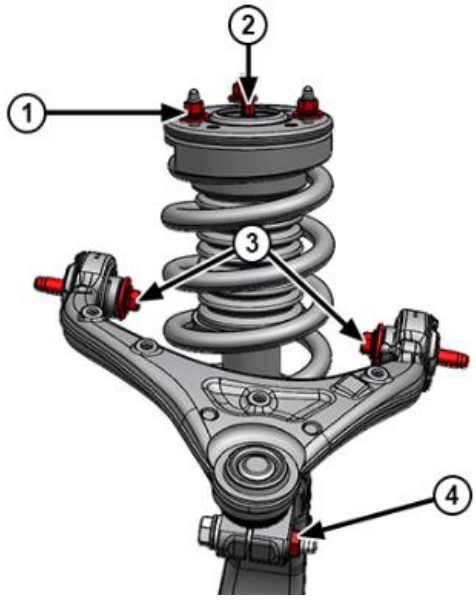
1. Install Upper and Lower isolators into Spring
2. Install the new lowering kit springs into cradle.
3. Raise the lower control arm to properly seat spring
3. Install and connect the following. (Torque specifications can be found in Torque Specifications Table)
    1. Wheel speed sensor bolt and sensor
    2. Shock lower nut/bolt
    3. Stabilizer link lower bolt
    4. Height sensor Rod
    5. Vertical link lower bolt from the Lower Control Arm
    6. Camber link to knuckle outer nut and bolt

Torque Specifications – Front Suspension



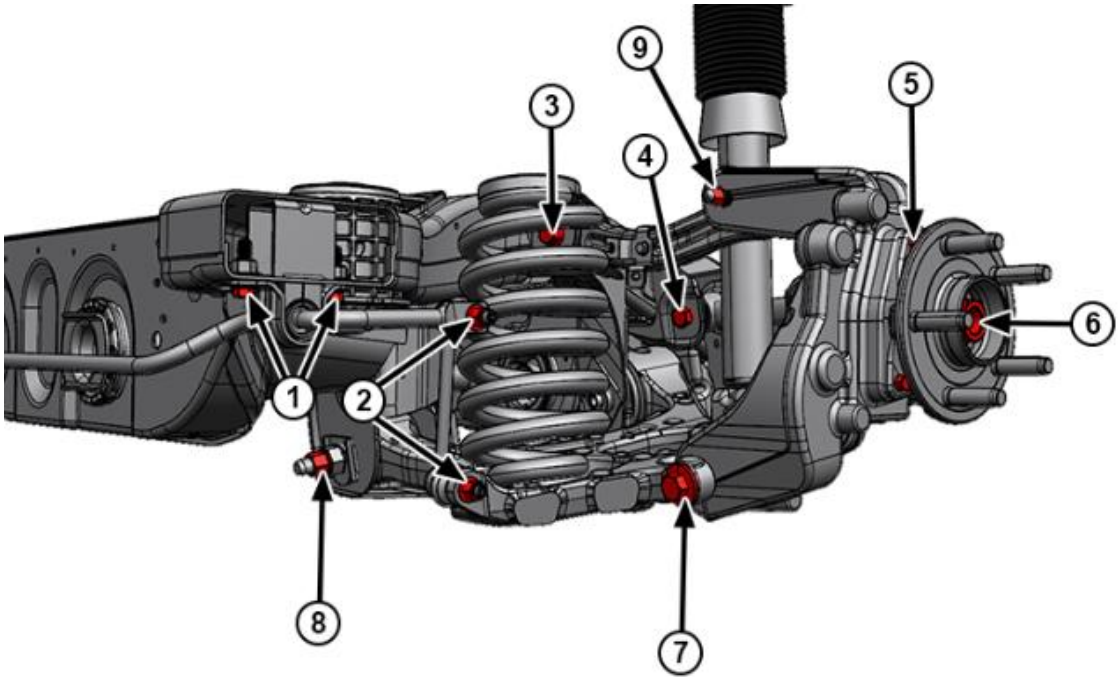
CALLOUT	DESCRIPTION	SPECIFICATION	COMMENT
1	Frt Stabar To Frt Cradle Bolts	**90 N·m (66 Ft. Lbs.)**	–
2	Stabilizer Bar End Link To Shock Nuts	**130 N·m (96 Ft. Lbs.)**	–
3	Bearing To Knuckle Bolts	**160 N·m (118 Ft. Lbs.)**	–
4	Knuckle To Handling Link Nut	**90 N·m + 75° (66 Ft. Lbs. + 75°)**	–
5	Knuckle To Handling Link Nut	**90 N·m + 75° (66 Ft. Lbs. + 75°)**	–
6	Shock To LCA Bolt	**225 N·m (166 Ft. Lbs.)**	–
7	Spring Link Bolt	**90 N·m + 210° (66 Ft. Lbs. + 210°)**	Do not reuse these fasteners. If removed, a new fastener must be installed and torqued to spec.
8	Tension Link To Cradle Bolt	**90 N·m + 160° (66 Ft. Lbs. + 160°)**	–
9	Clevis Bracket Upper Bolt	**110 N·m (81 Ft. Lbs.)**	–
10	Wheel Hub/Bearing To Halfshaft Nut (With Axle Actuator)	**36 N·m (27 Ft. Lbs.)**	Do not reuse these fasteners. If removed, a new fastener must be installed and torqued to spec
	Hub Nut To Halfshaft Nut (Without Axle Actuator)	**165 N·m (122 Ft. Lbs.)**	Do not reuse these fasteners. If removed, a new fastener must be installed and torqued to spec
11	Stabilizer Bar End Link To Stabilizer Bar Nuts	**120 N·m (89 Ft. Lbs.)**	–
–	Outer Tie Rod To Knuckle	**25 N·m + 300° (18 Ft. Lbs. + 300°)**	Do not reuse these fasteners. If removed, a new fastener must be installed and torqued to spec

Torque Specifications – Front Suspension



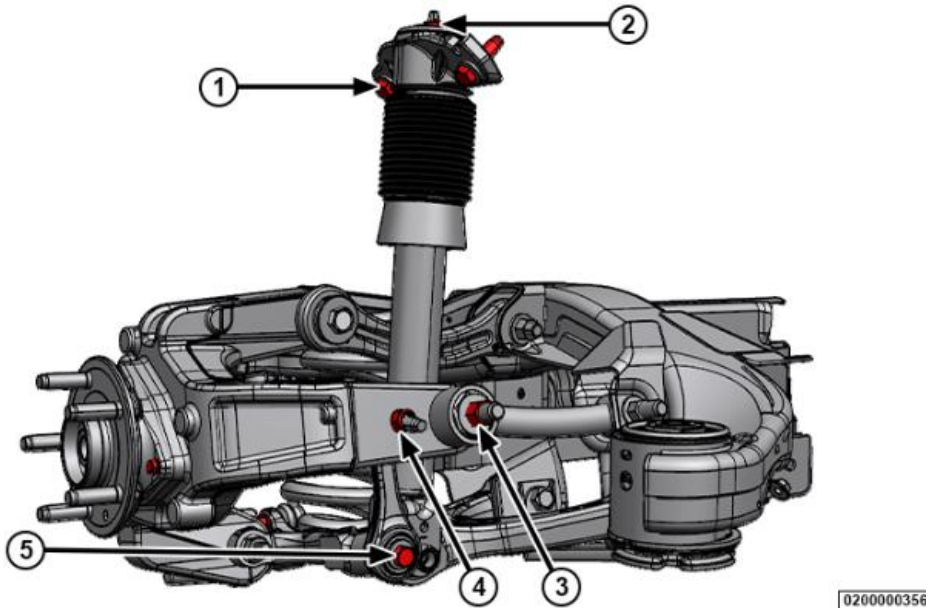
CALLOUT	DESCRIPTION	SPECIFICATION	COMMENT
1	Top Mount To Body Nut	**28 N·m (21 Ft. Lbs.)**	–
2	Shock To Mount Nut	**55 N·m (41 Ft. Lbs.)**	–
3	Control Arm To Body Bolt	**110 N·m (81 Ft. Lbs.)**	–
4	Control Arm To Knuckle Nut	**54 N·m (40 Ft. Lbs.)**	–

Torque Specifications – Rear Suspension

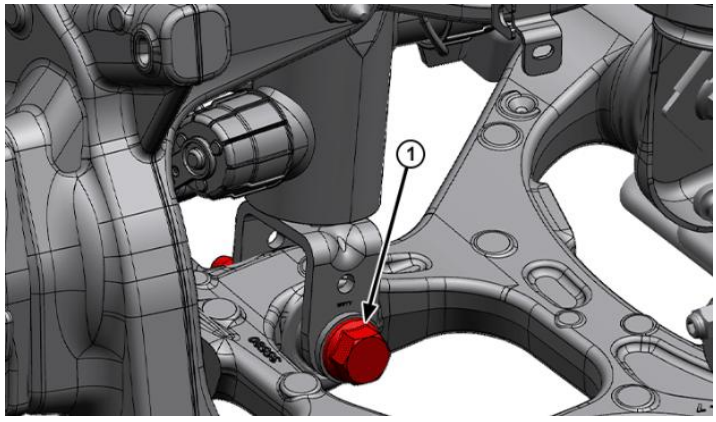


CALLOUT	DESCRIPTION	SPECIFICATION	COMMENT
1	Stabilizer Bar to Cradle Bolts	**55 N·m (41 Ft. Lbs.)**	–
2	Multiuse Nuts	**50 N·m (37 Ft. Lbs.)**	–
3	Camber Link to Cradle Bolt	**190 N·m (159 Ft. Lbs.)**	Fastener must be torqued with the vehicle at normal ride height.
4	Toe Link to Cradle Bolt	**115 N·m (85 Ft. Lbs.)**	Fastener must be torqued with the vehicle at normal ride height.
5	Rear Bearing to Knuckle Bolt	**160 N·m (118 Ft. Lbs.)**	–
6	Multiuse Nut	**165 N·m (122 Ft. Lbs.)**	Do not reuse these fasteners. If removed, a new fastener must be installed and tightened to specifications.
7	LCA to Knuckle Bolt	**100 N·m + 190° (74 Ft. Lbs. + 190°)**	Fastener must be torqued with the vehicle at normal ride height.
8	Rear LCA to Cradle Nut	**245 N·m (181 Ft. Lbs.)**	Fastener must be torqued with the vehicle at normal ride height.
9	Multiuse Nut	**125 N·m (92 Ft. Lbs.)**	Fastener must be torqued with the vehicle at normal ride height.
–	LCA to Cradle Bolt	**130 N·m (96 Ft. Lbs.)**	–

Torque Specifications – Rear Suspension



CALLOUT	DESCRIPTION	SPECIFICATION	COMMENT
1	Rear Top Mount to Body Bolt	**90 N·m (66 Ft. Lbs.)**	–
2	Rear Shock to Top Mount Nut	**36 N·m (27 Ft. Lbs.)**	–
3	Toe Link to Knuckle Nut	**170 N·m (125 Ft. Lbs.)**	Fastener must be torqued with the vehicle at normal ride height.
4	Link to Bar Suspension Nut	**105 N·m (77 Ft. Lbs.)**	Fastener must be torqued with the vehicle at normal ride height.
5	I-link to LCA Bolt	**115 N·m (85 Ft. Lbs.)**	Fastener must be torqued with the vehicle at normal ride height.



CALLOUT	DESCRIPTION	SPECIFICATION	COMMENT
1	Multiuse Bolt	**275 N·m (203 Ft. Lbs.)** (2026-Current) **200 N·m (148 Ft. Lbs.)**	–