Step by step instructions and checklist:

Use the proper tools and safety equipment to perform all work. Torque all fasteners to proper specifications and double check work. Align your vehicle after installation.

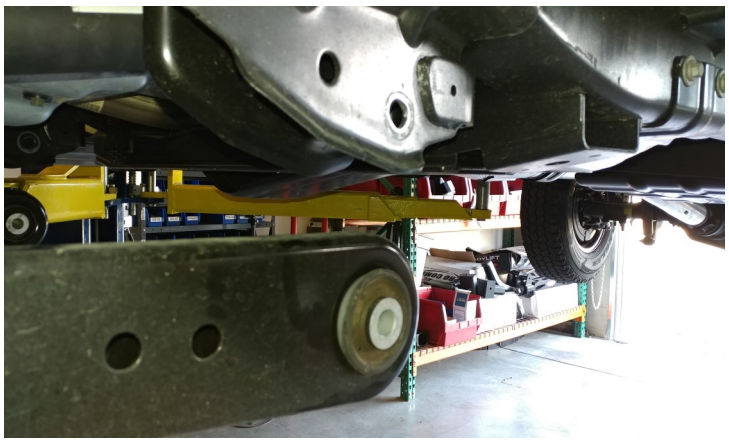
55-27355, 5527365

To Begin:

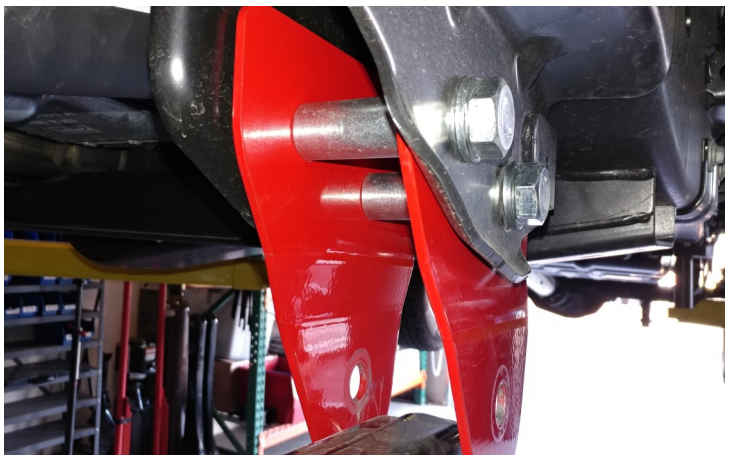
Park vehicle on a clean flat surface and block the rear wheels for safety. Engage the parking brake. Disconnect the vehicle power source at the ground terminal on the battery.

Lock the steering wheel in the straight forward position with the column lock or steering wheel locking device.

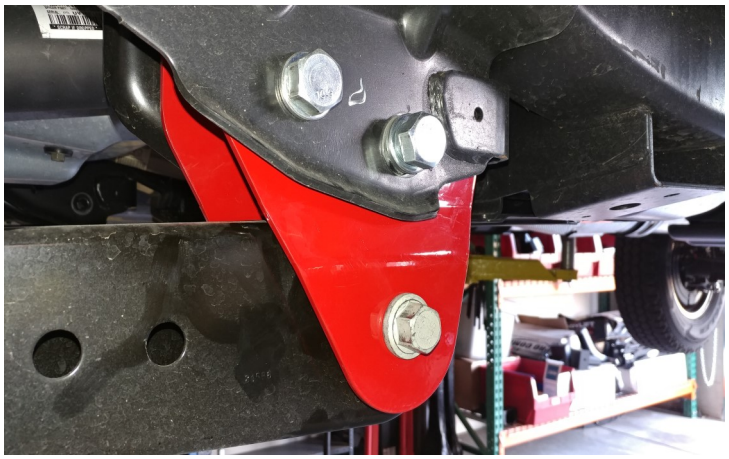
Raise the front of the vehicle and support with jack stands at each frame rail behind the lower control arms.



Support the axle with a suitable jack. Remove the radius arm from the frame. Rotate the axle until there is enough clearance to install the radius arm drop brackets. 2011– 2016: With ABS wire attached to the radius arm, disconnect from fender well.



Install the radius arm drop brackets into the frame using M18 x 130mm bolts, washers, crush sleeve, and nuts. Do not tighten at this time.

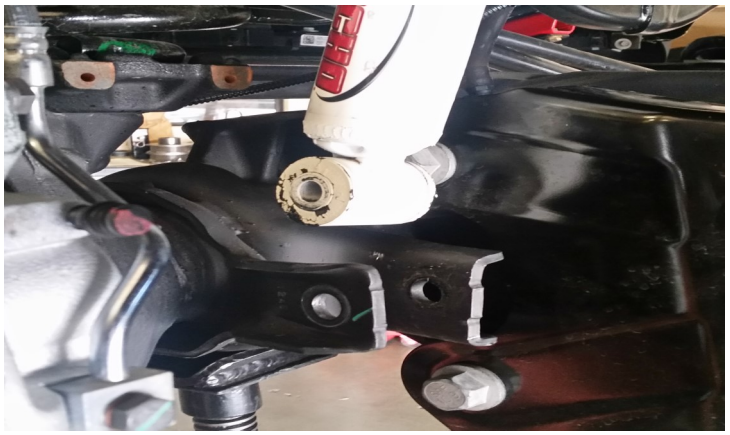


Rotate the axle until you can line up the radius arms into the drop brackets. Install using factory hardware. Do not tighten at this time.

2011 - 2016 front brake line: Remove the clip holding the rubber brake line block to the frame bracket.

2011 - 2016 front brake line: Loosen the metal line ferrule nut at the rubber brake line block. Rotate the fitting down 180 degrees from factory and tighten. Remove the bracket from the frame.

2017 - UP front brake line: Remove the brake line bracket at the frame. Remove the brake line bracket at the axle.

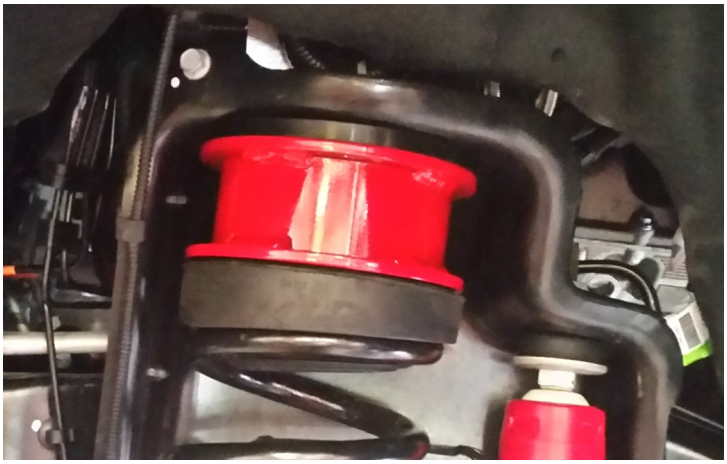


Remove the lower shock from the axle mount

Remove the sway bar from the frame.

Remove the track bar from the factory bracket. Remove the factory track bar bracket from the frame.

Install the track bar bracket to the frame using factory hardware. Torque to 95 ft-lbs. Install the track bar to the bracket using factory hardware. Do not tighten at this time.



Lower the axle enough to remove the front springs. Install the urethane isolator, spring spacer, and then factory rubber isolator onto the spring. Raise the axle enough to hold the spring assembly in place.

Install the sway bar drops to the frame using factory hardware. Torque to 35 ft-lbs. Install the sway bar to the sway bar drops using the 7/16” x 1 1/2” bolts, washers and nuts. Torque to 35 ft-lbs.

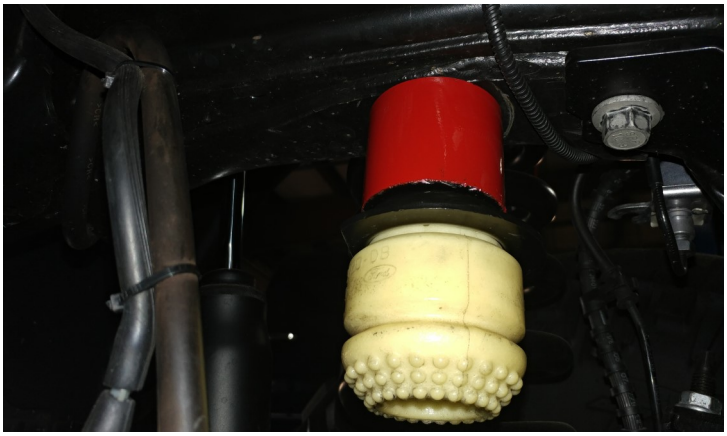
Install the extensions to the axle using factory hardware. Install the shock to the shock extensions using the M14 x 70mm bolt, washers and nuts. Torque to 45 ft-lbs.

Reattach the factory brake line bracket at the axle using factory hardware. Torque to 5 ft-lbs.

2011 - 2016 front brake line: Install the brake line drop bracket to the frame using the factory hardware. Torque to 5 ft-lbs. Note: The brackets look like the factory brackets except the locating flat is 180 degrees off. Install the brake line block using the factory clip. Reconnect the ABS line. Do not clip back to fender liner.

2017 - UP front brake line: Install the brake line bracket to the factory brake line using 5/16” x 3/4” bolts, washers, and nuts. Install the bolt facing outwards. Torque to 10 ft-lbs. Gently pull the metal brake line down while lining up the bracket to the original holes in the frame. Install using factory hardware. Torque to 5 ft-lbs.

Remove the factory bump stop by pulling it out of its mount. Remove the mount from the frame.



Install the bump stop spacer and factory bump stop mount to the frame using M8 x 70 mm bolt and washer. Torque to 5 ft-lbs. Install the bump stop to the factory mount by pressing it back into place.

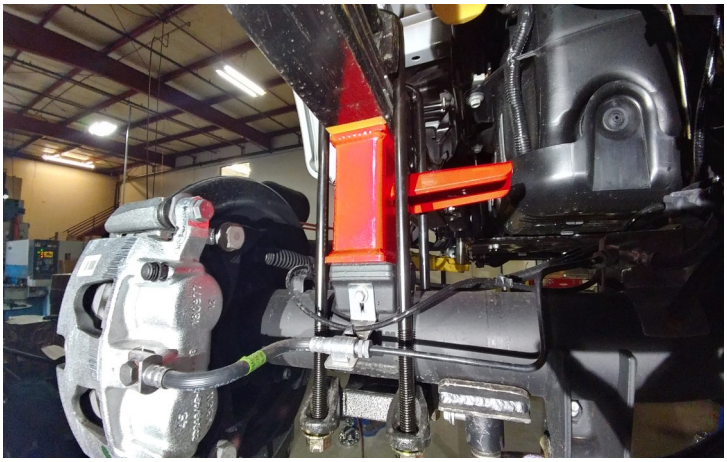
Install the wheels and lower the vehicle to the ground. Torque the wheels to the manufacturer specs. Jounce the suspension a few times to settle to the new ride height. Torque the radius arm brackets and arm bolts to 200 ft-lbs, and track bar to 250 ft-lbs

Rear Block Installation:

Block the front wheels for safety. Using a suitable jack, raise the rear axle up and place jack stands on the frame in front of leaf hangers. Support the axle with jack. Remove the rear wheels. (Not necessary, but can make the install easier)

Slightly loosen but do not remove the passenger side u-bolts. Remove the driver side u-bolts completely and discard.

Lower the axle just enough to remove the factory block and install the new block, making sure not to over extend brake and ABS lines. Adjust as necessary.



Locate the driver side lift block. Raise the axle and the block up to the spring while aligning the center pin. Install the provided u-bolts, and nuts. Snug the u-bolt nuts but do not fully tighten at this time. Repeat steps for passenger side.

If equipped with a 2 piece driveline, remove the bolts holding the carrier bearing to the frame. Install the provided carrier bearing spacer between the carrier bearing and frame using 7/16" bolts, washers and nuts. Torque to 50 ft-lbs.

Lower the vehicle to the ground. Torque the lug nuts to the wheel manufacturer specs. Jounce the vehicle a few times to settle to the new ride height. Torque the u-bolts to 110 ft-lbs. Have a reputable alignment shop set the alignment to the factory specs.

Final Checks & Adjustments

Post Installation Warnings: Once the vehicle is lowered to the ground, check all parts which have rubber or urethane components to ensure proper torque. Torque wheels to the manufacturers specs. Move the vehicle backwards and forwards a short distance to allow suspension components to adjust. Turn the front wheels from lock to lock and verify adequate tire, wheel, brake line, and ABS wire clearances. Test and inspect steering, brake and suspension components for tightness and proper operation. Inspect brake hoses and ABS lines for adequate slack at full extension. Failure to perform the post inspection checks may result in vehicle component damage and/or personal injury or death to driver and/or passengers. Test drive vehicle and re-check the torque of all fasteners.

Wheel Alignment/Headlamp Adjustment

It is necessary to have a proper and professional wheel alignment performed by a certified alignment technician. Align the vehicle to factory or provided specifications. It is recommended that your vehicle alignment be checked after any off-road driving. In addition to your vehicle alignment, for your safety and others, it is necessary to check and adjust your vehicle headlamps for proper aim and alignment.

Vehicle Re-Torque and Safety Inspection

Upon completion of all services and adjustments performed on your vehicle, and within 50 miles of driving, check to ensure that all fasteners and hardware are properly torqued to specification as noted in the vehicles factory service manual.

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