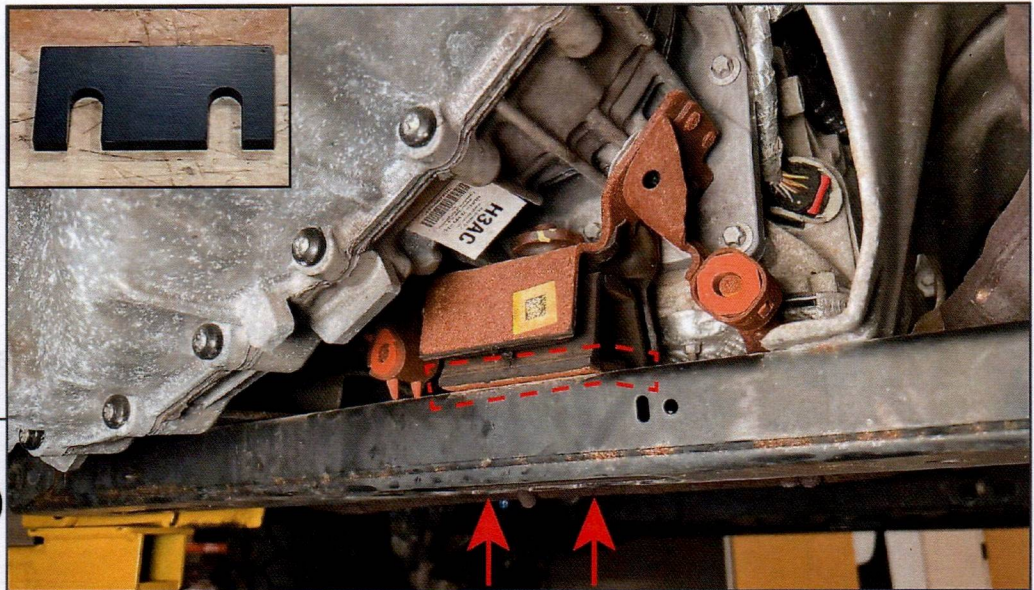
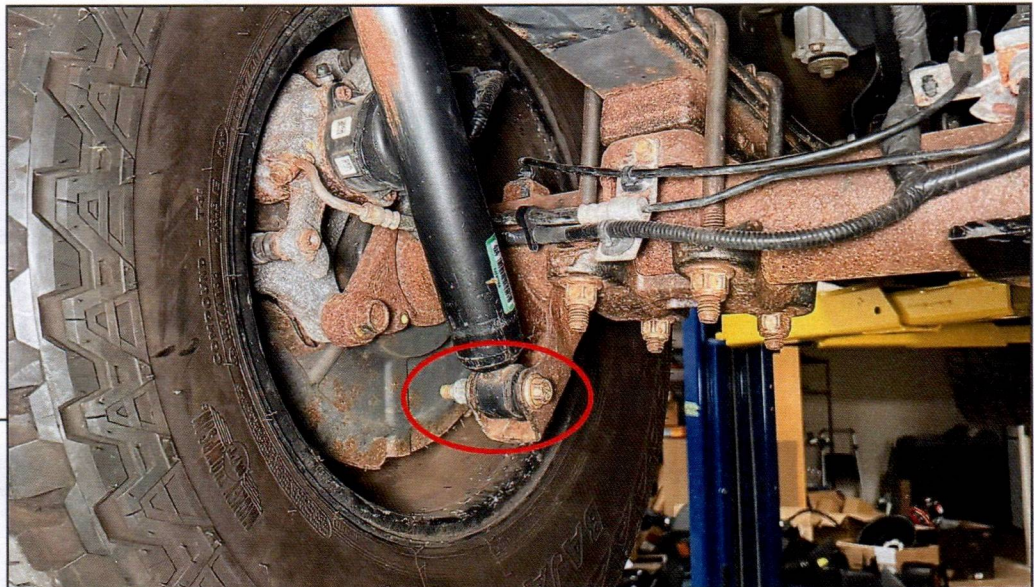


STEP 11
(Transmission)

From under the vehicle, locate the transmission mount at the center of the vehicle. Loosen the (2) 21mm nuts in the frame crossmember. Use a floor jack to lift the transmission/transfer case slightly to fit the included (1) transmission spacer. With the spacer between the transmission mount and the crossmember, lower the transmission and tighten the (2) original 21mm nuts.

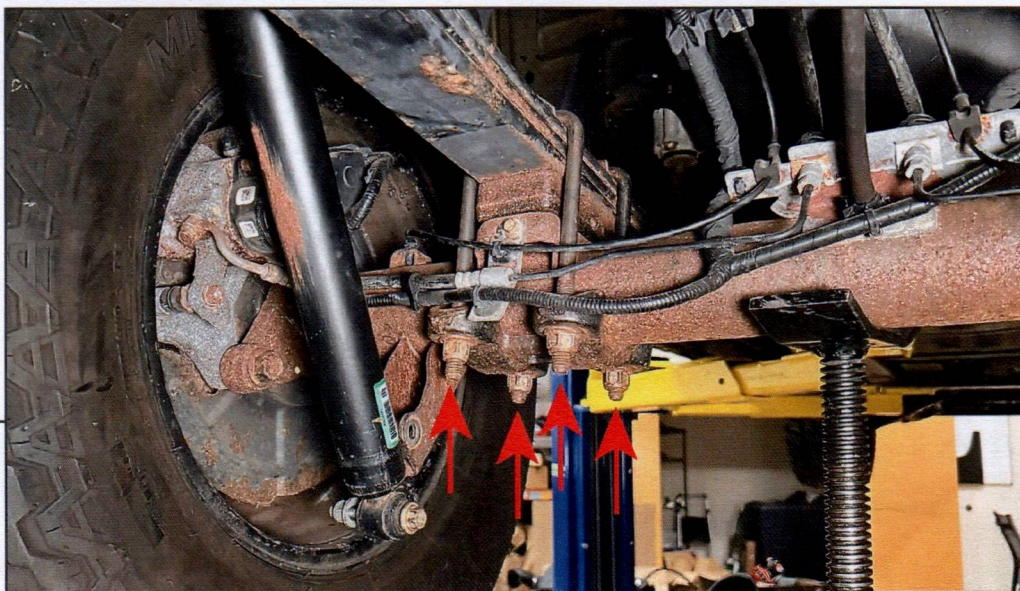
Torque the (2) 21mm nuts to 76 lb. ft.

STEP 12
(Rear Blocks)

Raise and support the rear of the vehicle using a jack and jack stands. Support the rear axle using the jack.

Remove the lower shock bolt using a 15mm socket & 18mm wrench. Remove the shock from the vehicle.

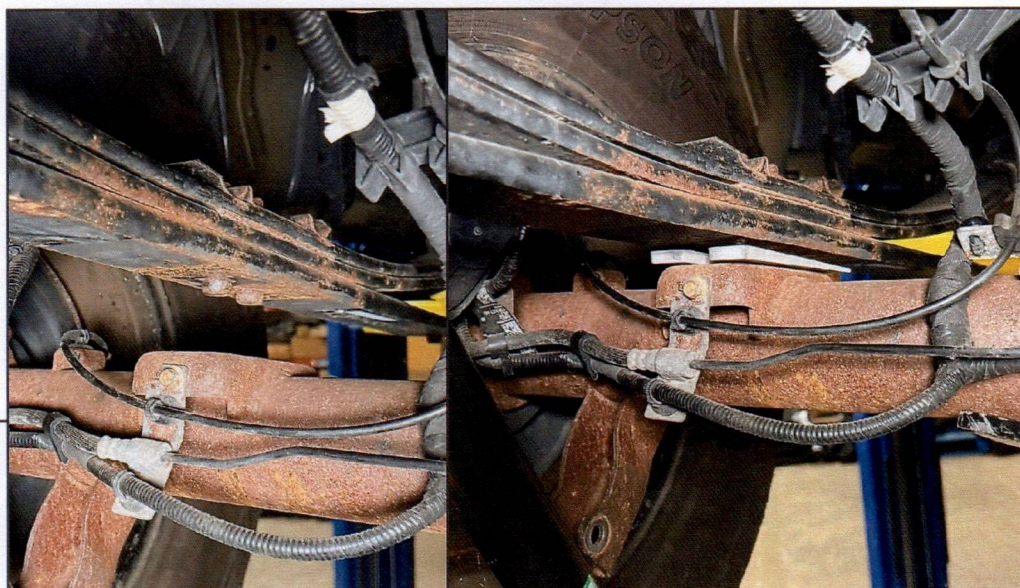
STEP 13



With the jack supporting the vehicle axle, loosen the (4) 21mm leaf spring U-Bolt nuts. Loosen the bolts evenly until the nuts are completely removed.

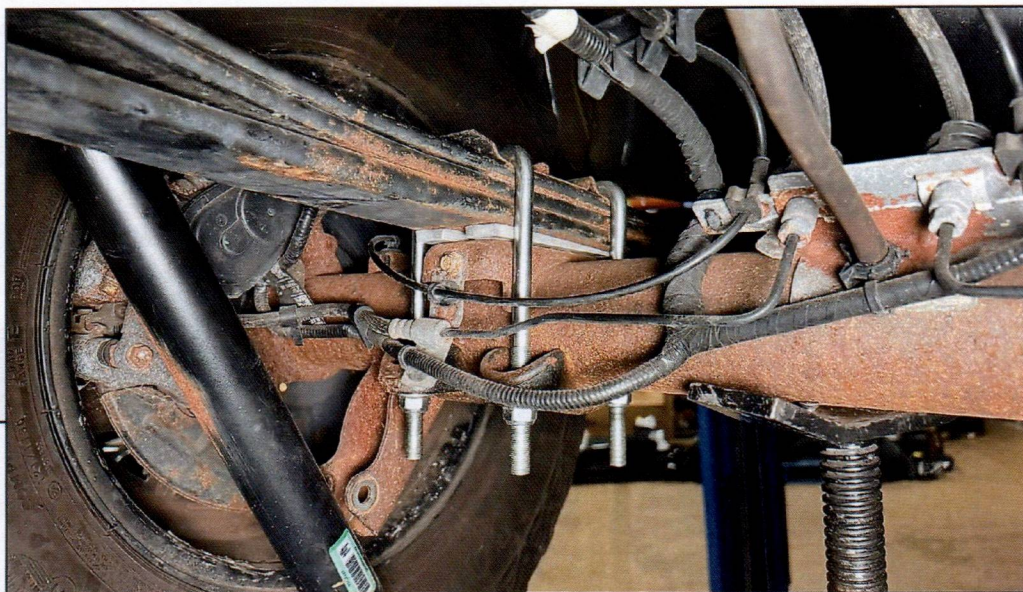
Note: The lower bracket will be reused.

STEP 14



While watching the vehicle brake and sensor lines, lower the vehicle axle down slowly to remove the OEM leaf spring block. Remove the large leaf spring block only (for vehicle equipped with (2) OEM blocks, leave the smaller block in place).

Fit the driveline shim onto the axle, and lift the axle towards the leaf springs. Ensure the driveline shim has the narrow portion of the shim towards the front of the vehicle.

STEP 15

Secure the leaf springs to the axle using the included (2) U-Bolts and flange nuts, reusing the original leaf spring lower bracket.

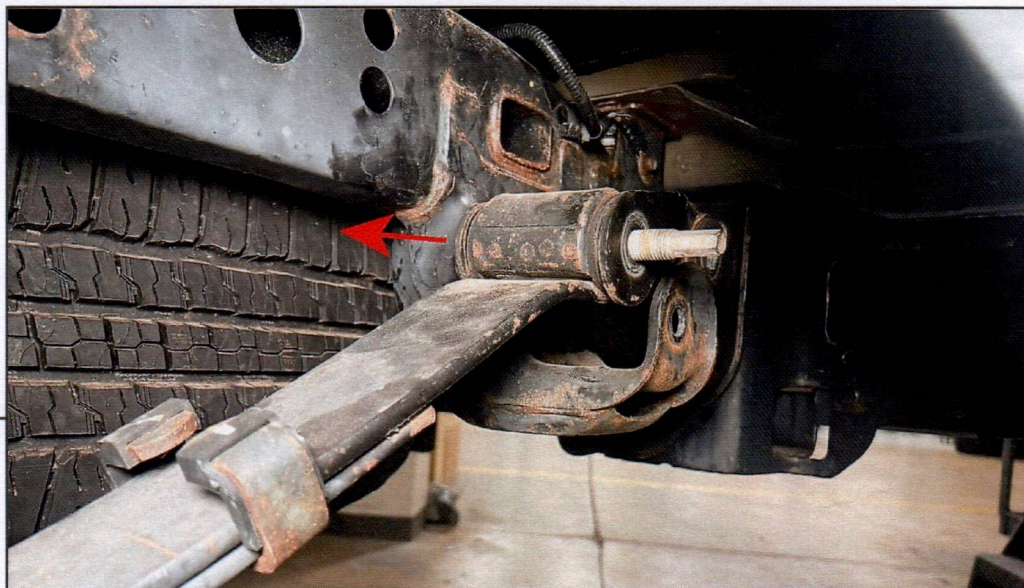
Re-install the shock absorber to the axle using the original hardware. Compressing the shock absorber or installing the shock absorber with the vehicle suspension loaded may be necessary. See torque specifications on Step 19.

Repeat steps 12-15 for the opposite side of the axle.

**STEP 16
(Rear Shackle)**

Lower the vehicle spare tire using the vehicle equipment, and set the spare tire aside. With the floor jacks supporting the vehicle off the ground, use a floor jack under the axle to apply pressure to the suspension.

Remove (1) 21mm bolt and 24mm nut from the shackle mount on the frame. The 24mm nut is accessible from inside of the frame shackle mount with the spare tire removed. Adjust the jack height so the bolt can be easily removed.

**STEP 17**

Remove the (1) 24mm nut from the leaf spring bolt. Then, remove the leaf spring bolt to remove the shackle.

Note: Depending on the model year, removing the leaf spring bolt can be difficult. The leaf spring/axle can be either raised to the bed and fit the bolt between the frame and the bed, or lowered to fit the bolt under the vehicle frame. Using a pry bar may be necessary to manipulate the bolt/leaf spring bushing.

**STEP 18**

Fit the new lowering shackle to the leaf spring, and secure using the original hardware. Then, fit the shackle to the frame mount, and secure using the original hardware. Lift/lower the jack to achieve proper alignment.

Repeat steps 16-18 for the opposite side of the axle.

STEP 19



Verify all components are tight and secure using the specifications below. Professional alignment is required after installation.

Rear Suspension Torque Specifications:

U-Bolts: 'X' Pattern Increments: 24 lb. ft., 52 lb. ft., 74 lb. ft., 98 lb. ft.

Lower Shock Bolt: 66 lb. ft.

Leaf Spring to Shackle Bolt: 173 lb. ft.

Leaf Spring to Frame Bolt: 173 lb. ft.

Re-install the vehicle spare tire to the vehicle.

Installation is now complete.