

# 2019-2020 RAM 2500 4 Inch Lift Kit INSTALLATION INSTRUCTIONS

Engineered for 4WD DIESEL Models ONLY.  
2019-2020 Dodge RAM 2500



**NOTE:** Does NOT Fit POWER WAGON Models

► Requires Drilling & Minor Cutting.

► On Vehicles Equipped with a 2-Piece Driveshaft & Carrier Bearing (as on the Mega Cab), There Is The Potential for Take-Off Vibration, depending on the severity, this Can Be Corrected with Shimming Down the Carrier Bearing.

**CAUTION:** MAKE SURE YOU HAVE THE CORRECT LIFT FOR YOUR VEHICLE:

Double check the Year, Make, Model, Lift Height and KIT Part Numbers.

**NOTE:** Prior to beginning the installation, OPEN the Boxes and CHECK the Included Components Compared to the Parts Breakdown. Check all parts and hardware in the box with the parts list below. Be sure you have all needed parts and know where they install.

IF you find a packaging error, contact SUPERLIFT directly. Do not contact the dealer where the system was originally purchased. You will need the control number from each box when calling; this number is located at the bottom of the part number label and to the right of the bar code.

- ① Sway Bar End Link - Rear
- ② Coil Spring Spacer - Rear
- ③ Shock Relocation Bracket - Rear
- ④ Bump Stop Spacer - Rear
- ⑤ Track Bar Mounting Bracket - Rear
- ⑥ Replacement Radius Arm - DR. & PA. Side
- ⑦ Coil Springs - Front, Pair
- ⑧ Bump Stops - 5.5" Polyurethane
- ⑨ Sway Bar Relocation - DR. & PA Side
- ⑩ Shock Relocation Bracket - Front
- ⑪ Brake Line Bracket - Front, DR. & PA. Side
- ⑫ Pitman Arm
- ⑬ Track Bar Bracket - Front

**NOTE:** K195 with Replacement Radius Arms Shown. K194 Kit Includes Radius Arm Relocation Brackets.

**How to Read the Kit Breakdown Charts:**

The 'K KIT BREAKDOWN' lists the Part Numbers, Quantities & Part Description of the Boxes that are included in the K KIT. The 'KIT BREAKDOWN' lists Part Numbers, Quantities & Part Description of the Individual Components & Hardware Bags that are included in Each Box. The 'HARDWARE BREAKDOWN' lists the Part Numbers, Quantities & Part Description of the Individual Components.

**K KIT BREAKDOWN**

Kit Part Number K194			Kit Part Number K195		
Part Number	Qty.	Part Description	Part Number	Qty.	Part Description
4695	1	Kit Box: Front	4697	1	Kit Box: Front
242	1	Coil Springs: Front	242	1	Coil Springs: Front
4696	1	Kit Box: Rear	4696	1	Kit Box: Rear
			4685	1	Kit Box: Radius Arms

**KIT BOX BREAKDOWN**

Kit Part Number 4695					
Part Number	Qty.	Part Description	Part Number	Qty.	Part Description
55-01-4690	1	Track Bar Mounting Bracket - Front	MO2322-BK-01	2	Compression Stop - 5.5" Polyurethane
55-03-4690	2	Radius Arm Drop Bracket	DS2014A	1	Pitman Arm
55-04-4690	2	Shock Relocation Bracket - Front	77-4695B	1	Hardware Bag #4695: TBAR/R.A. BRKT
55-12-4683	1	Sway Bar Relocation - Passenger Side	77-4695C	1	Hardware Bag #4695: SHK BRT/B-LINE/SWAY
55-13-4683	1	Sway Bar Relocation - Driver Side	77-4695D	1	Hardware Bag #4695: SHK SLEEVE/R.A. WIRE
55-23-4683	1	Brake Line Bracket - Driver Side			
55-24-4683	2	Brake Line Bracket - Passenger Side			

**Kit Part Number 4696**

Part Number	Qty.	Part Description	Part Number	Qty.	Part Description
55-02-4690	1	Track Bar Mounting Bracket - Rear	77-4696A	1	Hardware Bag: SHCK/TBAR
55-06-4690	2	Coil Spring Spacer - Rear	77-4696C	1	Hardware Bag #4695: TBAR/SWAY/SHK
55-09-4683	2	Bump Stop Spacer - Rear	77-4696D	1	Hardware Bag #4696: COIL/SWAY/BUMP
55-14-3310	2	Sway Bar Endlink			
55-16-4683	2	Shock Relocation Bracket - Rear			

**Kit Part Number 4697**

Part Number	Qty.	Part Description	Part Number	Qty.	Part Description
55-01-4690	1	Track Bar Bracket - Front	MO2322-BK-01	2	Compression Stop - 5.5" Polyurethane
55-04-4690	2	Shock Relocation Bracket - Front	DS2014A	1	Pitman Arm
55-12-4683	1	Sway Bar Relocation - Passenger Side	77-4697B	1	Hardware Bag #4697: TBAR/SWAY/BRKLN
55-13-4683	1	Sway Bar Relocation - Driver Side	77-4697C	1	Hardware Bag #4697: SHK BRKT
55-23-4683	1	Brake Line Bracket - Driver Side			
55-24-4683	2	Brake Line Bracket - Passenger Side			

**Kit Part Number 4685**

Kit Part Number 4685			Kit Part Number 242		
Part Number	Qty.	Part Description	Part Number	Qty.	Part Description
66-21-4683	1	Radius Arm - Driver Side	02-240	1	Coil Springs - Front, Pair
66-22-4683	1	Radius Arm - Passenger Side			

**HARDWARE BAG BREAKDOWN**

Kit Part Number 77-4695B			Kit Part Number 77-4696C		
Part Number	Qty.	Part Description	Part Number	Qty.	Part Description
916X134C8CS	2	9/16" x 1-3/4" Bolt, Course Thread, Grade 8	55-12-4540	1	Tab Nut: 1/2" Stover Nut, Grade 8
916SW	4	9/16" SAE Flat Washer	24-5704	4	Sleeve, 0.750" x 0.500" x 1.535"
916C5NN	2	9/16" Nyloc Nut, Course Thread, Grade 5	01-60418	4	Poly. Hourglass Bushing, 0.075 x 1.44"
12MNN	4	12mm Nyloc Nut	05-4682	2	Sleeve, 0.875" x 0.635" x 1.240"
12MFW	4	12mm SAE Flat Washer	08-4683	1	Sleeve, 0.875" x 0.635" x 2.438"
18MX2.5X130CS	2	18mm x 130mm, 2.5 Thread Pitch			
18MNN	2	18mm Nyloc Nut, 2.5 Thread Pitch	<b>Kit Part Number 77-4696D</b>		
18MFW	4	18mm Flat Washer	Part Number	Qty.	Part Description
<b>Kit Part Number 77-4695C</b>			38X114C8CS	4	3/8" x 1-1/4", Course Thread, Grade 8
38X1C8CS	2	3/8" x 1", Course Thread, Grade 8	38X1C8CS	4	3/8" x 1", Course Thread, Grade 8
38SW	2	3/8" SAE Flat Washer	38C5NN	8	3/8" Nyloc Nut, Course Thread, Grade 5
38C5NN	2	3/8" Nyloc Nut, Course Thread, Grade 5	38SW	16	3/8" SAE Flat Washer
916X3C8CS	2	9/16" x 3", Course Thread, Grade 8	12MX1.75X70CS	4	12mm x 70mm, 1.75 Thread Pitch
916SW	2	9/16" SAE Flat Washer	12SW	4	1/2" SAE Flat Washer
916C5NN	2	9/16" Nyloc Nut, Course Thread, Grade 5	12UW	4	1/2" USS Flat Washer
716X114C8CS	4	7/16" x 1-1/4", Course Thread, Grade 8	12MNN	4	12mm Nyloc Nut, 1.75 Pitch
716SW	4	7/16" SAE Flat Washer	<b>Kit Part Number 77-4697B</b>		
716C5NN	4	7/16" Nyloc Nut, Course Thread, Grade 5	Part Number	Qty.	Part Description
14C5NN	3	1/4" Nyloc Nut, Course Thread, Grade 5	716X114C8CS	4	7/16" x 1-1/4", Course Thread, Grade 8
14SW	3	1/4" SAE Flat Washer	716SW	4	7/16" SAE Flat Washer
14X1C8CS	1	1/4" x 1", Course Thread, Grade 8	716C5NN	4	7/16" Nyloc Nut, Course Thread, Grade 5
14X34C8CS	2	1/4" x 3/4", Course Thread, Grade 8	916X134C8CS	2	9/16" x 1-3/4" Bolt, Course Thread, Grade 8
<b>Kit Part Number 77-4595D</b>			916SW	4	9/16" SAE Flat Washer
55-05-4690	4	Tab Bolt: 12mm	916C5NN	2	9/16" Nyloc Nut, Course Thread, Grade 5
12FWR	1	1/2"-13 x 24" Fish Wire Bolt Leader	14C5NN	3	1/4" Nyloc Nut, Course Thread, Grade 5
05-4682	2	Sleeve, 0.875" x 0.635" x 1.240"	14SW	3	1/4" SAE Flat Washer
<b>Kit Part Number 77-4696A</b>			14X1C8CS	1	1/4" x 1", Course Thread, Grade 8
14MX2X110CS10	2	14mm x 110mm, 2.0 Thread Pitch, Gr.10.9	14X34C8CS	2	1/4" x 3/4", Course Thread, Grade 8
14MFW	4	14mm SAE Washer	<b>Kit Part Number 77-4697C</b>		
14MLN	2	14mm Stover Nut	Part Number	Qty.	Part Description
12X114C8CS	1	1/2" x 1-1/4", Course Thread, Grade 8	05-4682	2	Spacer Sleeve
12SW	1	1/2" SAE Flat Washer	38X1C8CS	2	3/8" x 1", Course Thread, Grade 8
716X4C8CS	1	7/16" x 4", Course Thread, Grade 8	38SW	2	3/8" SAE Flat Washer
716SW	2	7/16" SAE Flat Washer	38C5NN	2	3/8" Nyloc Nut, Course Thread, Grade 5
716C5NN	1	7/16" Nyloc Nut, Course Thread, Grade 5	916X3C8CS	2	9/16" x 3", Course Thread, Grade 8
38X1C8CS	2	3/8" x 1", Course Thread, Grade 8	916SW	2	9/16" SAE Flat Washer
38SW	2	3/8" SAE Flat Washer	916C5NN	2	9/16" Nyloc Nut, Course Thread, Grade 5
38C5NN	2	3/8" Nyloc Nut, Course Thread, Grade 5			
916X3C8CS	2	9/16" x 3", Course Thread, Grade 8			
916SW	2	9/16" SAE Flat Washer			
916C5NN	2	9/16" Nyloc Nut, Course Thread, Grade 5			

Step	Part Number	Qty. Per Kit	Description	Qty. Per Bracket	New Attaching Hardware	Hardware Bag Number
12	MO2322-BK-01	2	Compression Stop - 5.5" Polyurethane			
13	55-01-4690	1	Track Bar Mounting Bracket - Front	2	9/16" x 1-3/4" Bolt, Coarse Thread, Grade 8	77-4695B
				2	9/16" Nyloc Nut	
				4	9/16" SAE Washer	
14	55-03-4690	2	Radius Arm Drop Brackets	2	#55-05-4690 Tab Bolt: 12mm	77-4595D
				1	1/2"-13 x 24" Fish Wire Bolt Leader	
				2	12mm Nyloc Nut	77-4695B
				2	12mm SAE Flat Washer	
15	66-21-4683	1	Radius Arm - Driver Side			
	66-22-4683	1	Radius Arm - Passenger Side			
16	55-04-4690	2	Shock Relocation Bracket - Front	1	#05-4682 Sleeve	77-4595D
				1	3/8" x 1", Course Thread, Grade 8	77-4695C
				1	3/8" SAE Flat Washer	
				1	3/8" Nyloc Nut, Course Thread, Grade 5	
				1	9/16" x 3", Course Thread, Grade 8	
				2	9/16" SAE Flat Washer	
1	9/16" Nyloc Nut, Course Thread, Grade 5					
17	02-240	2	Coil Springs - Front, Pair			
19	55-13-4683	1	Sway Bar Relocation - Driver Side	2	7/16" x 1-1/4", Course Thread, Grade 8	77-4695C
				2	7/16" SAE Flat Washer	
				2	7/16" Nyloc Nut, Course Thread, Grade 5	
19	55-12-4683	1	Sway Bar Relocation - Passenger Side	2	7/16" x 1-1/4", Course Thread, Grade 8	77-4695C
				2	7/16" SAE Flat Washer	
				2	7/16" Nyloc Nut, Course Thread, Grade 5	
20	DS2014A	1	Pitman Arm			
22	55-23-4683	1	Brake Line Bracket - Driver Side	1	1/4" x 3/4", Course Thread, Grade 8	77-4695C
				1	1/4" Nyloc Nut, Course Thread, Grade 5	
				1	1/4" SAE Flat Washer	
22	55-24-4683	1	Brake Line Bracket - Passenger Side	1	1/4" x 1", Course Thread, Grade 8	77-4695C
				1	1/4" x 3/4", Course Thread, Grade 8	
				2	1/4" Nyloc Nut, Course Thread, Grade 5	
				2	1/4" SAE Flat Washer	
32	55-06-4690	2	Coil Spring Spacer - Rear	2	3/8" x 1-1/4", Course Thread, Grade 8	77-4696D
				4	3/8" Nyloc Nut, Course Thread, Grade 5	
				2	3/8" SAE Flat Washer	
33	55-02-4690	1	Track Bar Mounting Bracket - Rear	1	#08-4683 Sleeve, 0.875" x 0.635" x 2.438"	77-4696C
				1	#55-12-4540 Tab Nut: 1/2" Stover Nut, Grade 8	77-4696A
				2	14mm x 110mm, 2.0 Thread Pitch, Gr.10.9	
				4	14mm SAE Washer	
				2	14mm Stover Nut	
				1	1/2" x 1-1/4", Course Thread, Grade 8	
				1	1/2" SAE Flat Washer	
				1	7/16" x 4", Course Thread, Grade 8	
				2	7/16" SAE Flat Washer	
1	7/16" Nyloc Nut, Course Thread, Grade 8					

Step	Part Number	Qty. Per Kit	Description	Qty. Per Bracket	New Attaching Hardware	Hardware Bag Number
34	55-09-4683	2	Bump Stop Spacer - Rear	2	3/8" x 1", Course Thread, Grade 8	77-4696D
				4	3/8" SAE Flat Washer	
				2	3/8" Nyloc Nut, Course Thread, Grade 5	
35	55-16-4683	2	Shock Relocation Bracket - Rear	1	#05-4682 Sleeve, 0.875" x 0.635" x 1.240"	77-4696C
				1	3/8" x 1", Course Thread, Grade 8	77-4696A
				1	3/8" SAE Flat Washer	
				1	3/8" Nyloc Nut, Course Thread, Grade 5	
				1	9/16" x 3", Course Thread, Grade 8	
				1	9/16" SAE Flat Washer	
				1	9/16" Nyloc Nut, Course Thread, Grade 5	
40	55-14-3310	2	Sway Bar End Link - Rear	2	#24-5704 - Sleeve, 0.750" x 0.500" x 1.535"	77-4696C
				2	01-60418 - Poly. Bushing, 0.075 x 1.44"	
				2	12mm x 70mm, 1.75 Thread Pitch	77-4696D
				2	1/2" SAE Flat Washer	
				2	12mm Nyloc Nut, 1.75 Pitch	

**THANK YOU For Choosing SUPERLIFT For ALL Your Suspension Needs!****Read And Understand All Instructions And Warnings Prior To Installation Of System AND Operation Of Vehicle.****INTRODUCTION BEFORE INSTALLATION...**

Installation requires a professional mechanic. In addition to these instructions, professional knowledge of disassembly / reassembly procedures and post installation checks must be known.

PRIOR to beginning, inspect the vehicles steering, driveline, and brake systems, paying close attention to the suspension link arms and bushings, sway bars and bushings, tie rod ends, pitman arm, idler arm, ball joints and wheel bearings. Also check the steering sector-to-frame and all suspension-to-frame attaching points for stress cracks. The overall vehicle must be in excellent working condition; repair or replace all worn parts.

Read instructions several times before starting.

Read each step completely as you go.

**Be sure you have all needed parts and know where they install.****⚠ NOTES:**

- Do NOT install this suspension system in conjunction with any other type of aftermarket or fabricated components to gain additional suspension height.
- Do not fabricate any components to gain additional suspension height.
- Prior to drilling and/or cutting, check behind the surface being worked on for any wires, lines, or hoses that could be damaged. Prep all cutting surfaces by removing all debris and frame coatings.
- After drilling and/or cutting, file smooth any burrs and sharp edges.
- Prior to operating a torch or saw, protect any heat-sensitive components located in the immediate area by covering them with a water-saturated cloth. Most undercoating are flammable but can be extinguished using a water-filled spray bottle. Have a spray bottle and an ABC rated fire extinguisher on hand.
- Paint or undercoat all exposed metal surfaces.
- Prior to attaching components, be sure all mating surfaces are free of grit, grime, grease, undercoating, etc.
- Front end alignment is necessary.
- Tool and Wrench/Socket size is given in brackets [ ] after each appropriate step.
- A foot-pound torque reading is given in parenthesis ( ) after each appropriate fastener.
- Always wear safety glasses when using power tools.
- A factory service manual should be on hand for reference.
- Due to payload options and initial ride height variances, the amount of lift is a 'base figure'. Final ride height dimensions may vary in accordance to original vehicle stance.

**BEFORE YOU DRIVE...**

Check all fasteners for proper torque. Check to ensure for adequate clearance between all rotating, mobile, fixed, and heated members. Verify clearance between exhaust and brake lines, fuel lines, fuel tank, floor boards and wiring harness. Check steering components for clearance.

Test and inspect brake system. Perform steering sweep to ensure front brake hoses have adequate slack and do not contact any rotating, mobile or heated members. Inspect rear brake hoses at full extension for adequate slack. Failure to perform hose check/replacement may result in component failure.

Perform head light check and adjustment.

**⚠ WARNING:** It is the ultimate buyer's responsibility to have all bolts / nuts checked for tightness after the first 100 miles and then every 1000 miles. The steering, suspension and driveline systems, plus wheel alignment should be inspected by a qualified professional mechanic at least every 3000 miles.

**TIRES & WHEELS...**

Larger rim and tire combinations may increase leverage on suspension, steering, and related components. When selecting combinations larger than OE, consider the additional stress you could be inducing on the OE and related components.

**NOTE:** Stock 18" & 20" Wheels Will Fit back on the vehicle once this suspension system is installed.

**WARNING:** ANY larger or wider tire & wheel combination other than listed Will Require Vehicle Trimming.

**NOTE:** ALL Tire & Wheel Combinations Should Be Test Fit Prior to Installation. \* Some Minor Trimming Maybe Required. Some minor trimming will be required with certain wheel/tire combinations. This is normal with most aftermarket tire/wheel fitments on today's trucks. Trimming will normally include the bottom edge of the inner fender shrouds and/or lower corner of front bumper valance. As a rule of thumb, deeper backspacing and shorter/narrower tires will reduce/eliminate trimming required.

TIRE SIZE SPECIFICATIONS			
Tire Size	Wheel	Backspacing (INCH)	Offset (MM)
285/75 R18	Factory 18	--	--
35 x 12.50 R20	18 x 9	4.5 - 5.0	--
305/70 R18	18 x 9	4.5 - 5.0	--
35 x 12.50 R20	20 x 9	4.5 - 5.0	--
315/60 R20	20 x 9	4.5 - 5.0	--

**TOOLS & TECH...**

This is a list of tools needed to install this lift kit. Double check the list to make sure that you have all the tools and equipment required to accomplish the complete install.

We have also included a **Tech Tip** noted by this icon

TOOLS			
Miscellaneous Tools		Wrenches / Socket Sizes	
Floor Jacks	Jack Stands	Standard	Metric
Ball-Peen Hammer		1/2"	10mm 18mm
Adjustable Pliers		7/16"	13mm 21mm
Drill	Torque Wrench	9/16"	15mm 27mm
3/8", 7/16" & 1/2" Drill Bits		5/8"	16mm 46mm
Breaker Bar with 1/2" Drive		13/16"	
Grinder & Cutting Wheel		7/8"	
Plastic Fastener Removal Tool		Swivel / Wobble Extension	
Pitman Arm Puller Tool		Socket Extensions - Various Lengths	

**TECH TIP** to help if we have found a quicker or easier way to accomplish a task in the steps.

Torque Specifications					
STANDARD			METRIC		
Size	Grade 5	Grade 8	Size	Grade 8.8	Grade 10.9
5/16"	15 ft/lbs.	20 ft/lbs.	6mm	7 ft/lbs.	10 ft/lbs.
3/8"	30 ft/lbs.	35 ft/lbs.	8mm	17 ft/lbs.	24 ft/lbs.
7/16"	45 ft/lbs.	60 ft/lbs.	10mm	33 ft/lbs.	47 ft/lbs.
1/2"	65 ft/lbs.	90 ft/lbs.	12mm	59 ft/lbs.	83 ft/lbs.
9/16"	95 ft/lbs.	130 ft/lbs.	14mm	101 ft/lbs.	131 ft/lbs.
5/8"	135 ft/lbs.	175 ft/lbs.	16mm	146 ft/lbs.	202 ft/lbs.
3/4"	185 ft/lbs.	280 ft/lbs.	18mm	201ft/lbs.	283 ft/lbs.

**NOTE:** Use the check-off box  found at each step to help you keep your place. Two  denotes that one check-off box is for the Driver Side (Left) and one is for the Passenger Side (Right). Unless otherwise noted, always start with the Driver Side.

**FRONT DISASSEMBLY & INSTALLATION**

**NOTE:** Save ALL factory components and hardware for reuse, unless noted.

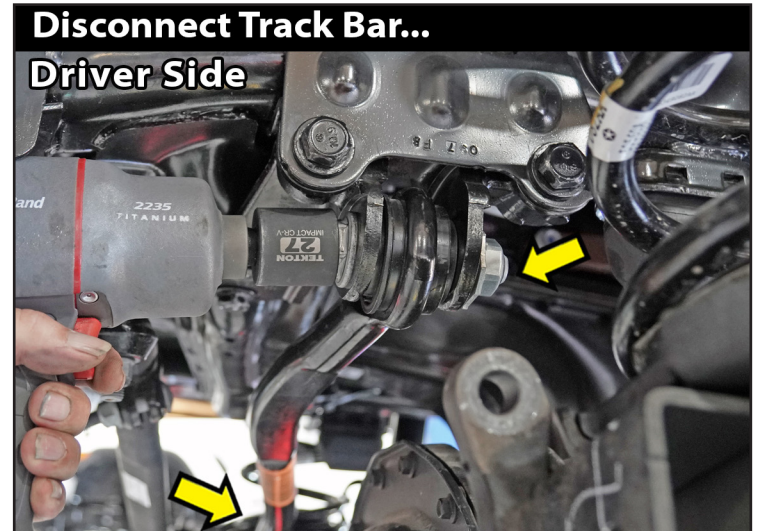
**1. DISCONNECT BATTERY...**

Raise the hood and disconnect the battery. [10mm]

**2. DISCONNECT TRACK BAR...**

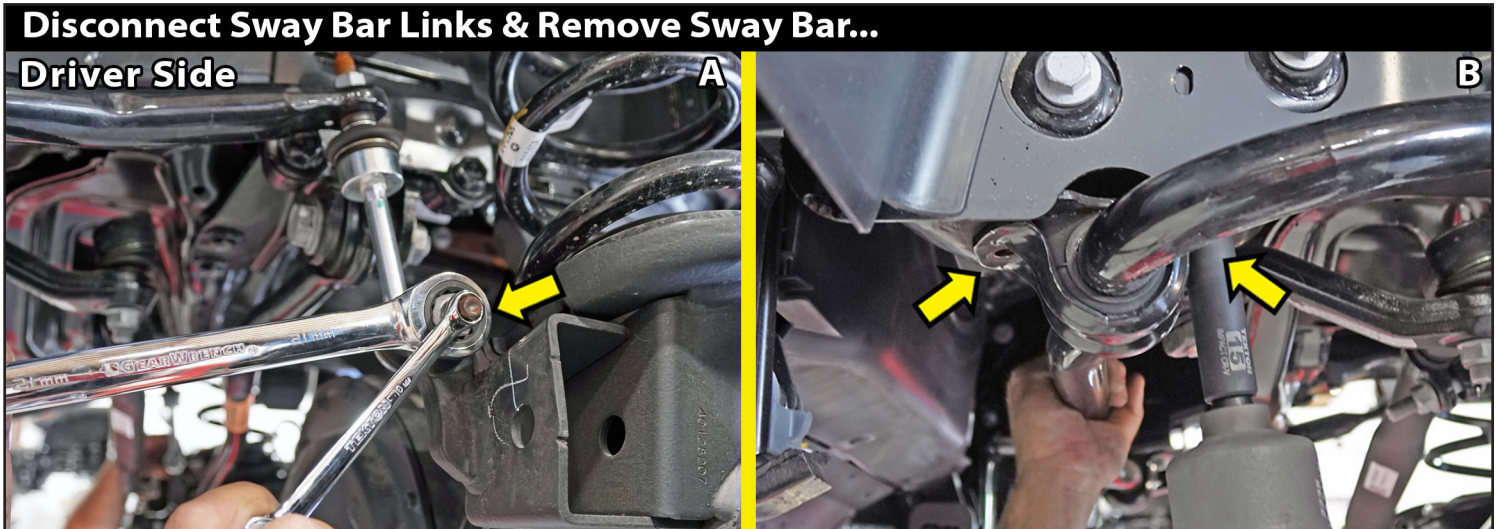
**[Illustration 1-A]** Prior to raising the vehicle, disconnect the track bar. Disconnect the track bar from the driver side frame mount. [27mm] Retain factory hardware.

Loosen the track bar from the passenger side at the axle mount. [27mm]

**Illustration 1****3. DISCONNECT SWAY BAR LINK & REMOVE SWAY BAR...**

**[Illustration 2-A]** Disconnect the anti-sway bar link from the axle mount. [10mm | 21mm]

**[Illustration 2-B]** Disconnect the anti-sway bar from the frame mount. [15mm] **TECH TIP** When you remove a factory nut or bolt, (like the frame mount bolts) put it back into the factory location for safe keeping. You will not have to look or sort through removed hardware to find the proper hardware. Same with brake line bracket bolts, shocks, etc.

**Illustration 2****4. PREPARE VEHICLE FOR FRONT DISASSEMBLY...**

Chock rear tires and place transmission in neutral. Raise the front of vehicle with a jack and secure a jack stand beneath each frame rail. Ease the frame down onto the stands, place transmission in low gear for Manual Transmission or Park for Automatic.

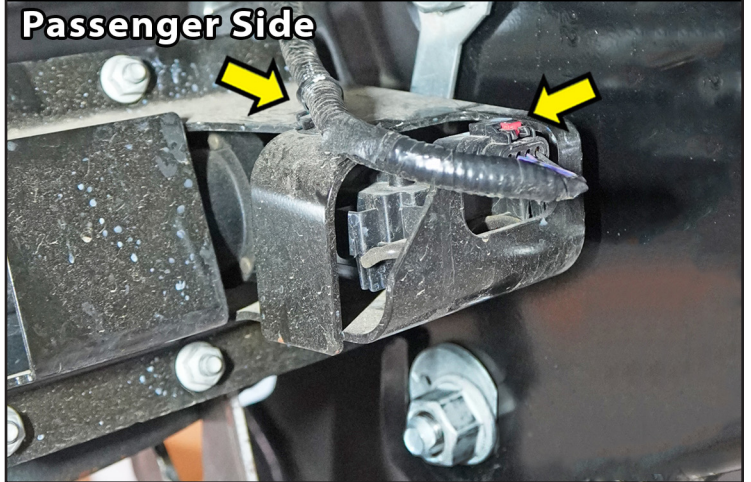
Remove front tires and wheels. [Lug Nuts 22mm]

Position a hydraulic jack under the front axle and raise the jack so that it supports, but does not raise, the front axle.



**5. UNPLUG DIFFERENTIAL ACTUATOR...**

☐ [Illustration 3] **⚠ WARNING:** The Battery MUST BE Disconnected: Unplug the differential actuator connector. **🚫 CAUTION:** This plug is "locked" with plastic clips that must be moved to an "unlocked" position before removal. Follow the wire loom up from the differential actuator and unplug the wire loom clips from the axle. [plastic fastener removal tool]

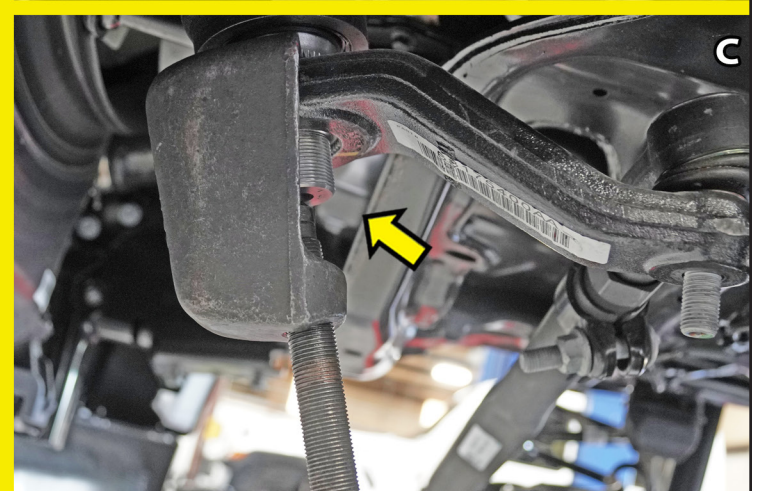
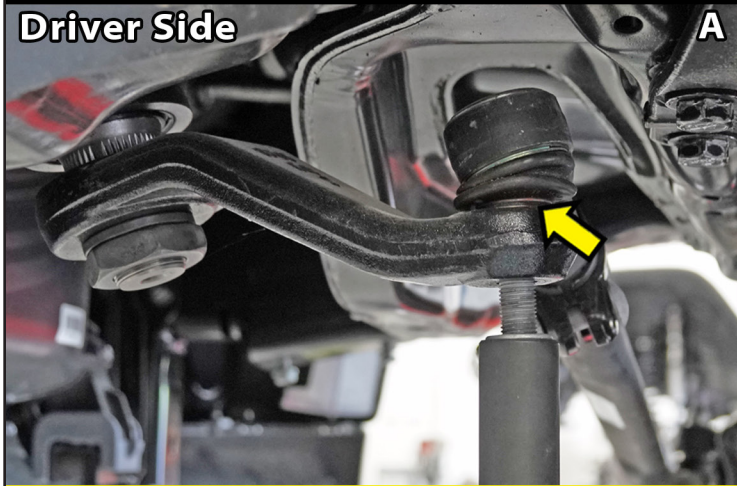
**Illustration 3****Unplug Actuator...****Passenger Side****6. DISCONNECT DRAG LINK & REMOVE PITMAN ARM...**

☐ [Illustration 4-A] Disconnect the drag link at the pitman arm. [21mm] Lower drag link and reattach nut.

**⚠ NOTE:** Take notice of the orientation of the pitman arm in relation to the steering sector. The new pitman arm will install at the same location on the shaft for proper re-assembly.

☐ [Illustration 4-B] Remove the nut securing the pitman arm to the steering sector shaft. [46mm | 1-13/16"] Retain factory nut.

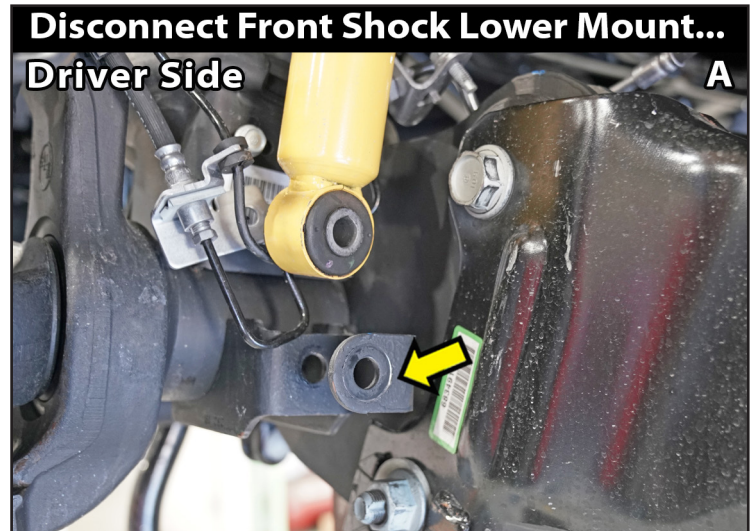
☐ [Illustration 4-C] Using the appropriate puller tool, detach the pitman arm from the sector shaft.

**Illustration 4****Disconnect Drag Link & Remove Pitman Arm...****Driver Side**

## 7. DISCONNECT THE FRONT SHOCK ABSORBER LOWER MOUNTS...

[Illustration 5] Remove the front shock absorbers: Lower eye mount [21mm] Retain factory hardware.

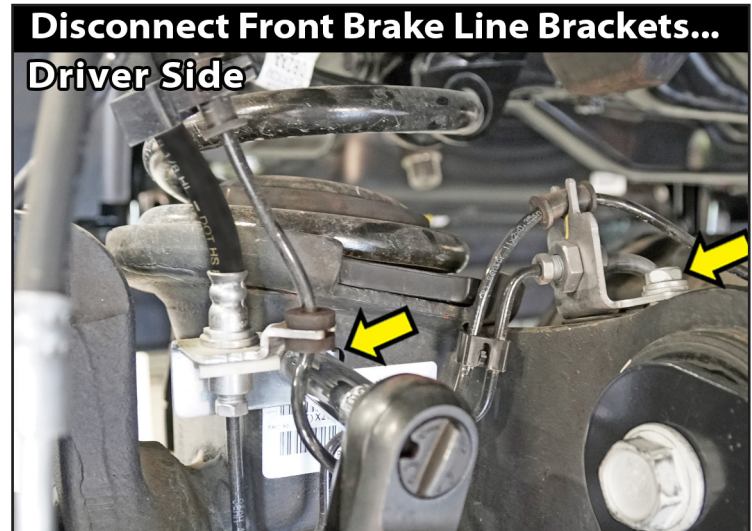
### Illustration 5



## 8. DISCONNECT FRONT BRAKE LINE BRACKETS...

[Illustration 6] Remove the two (2) brake line brackets from their attachment points on the front axle. One bracket is below the coil seat and the other is on top of the radius arm mount. [13mm] Remove brackets from both drive and passenger side axle mounts.

### Illustration 6

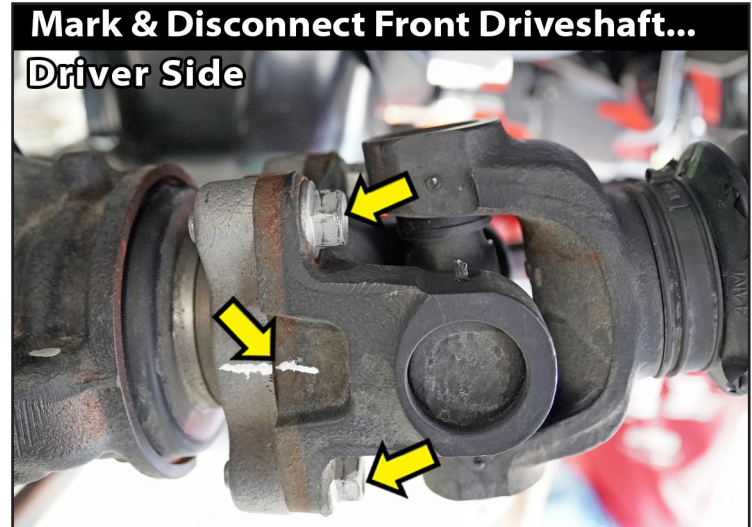


## 9. MARK & DISCONNECT FRONT DRIVESHAFT...

[Illustration 7] Mark the orientation of the driveshaft for reference during reassembly. Remove the four (4) bolts from the driveshaft. [10mm] Retain factory hardware.

**NOTE:** Do Not allow the driveshaft to hang freely from the rear joint: this could damage the joint and/or boot. Secure the driveshaft up and out of the way.

### Illustration 7

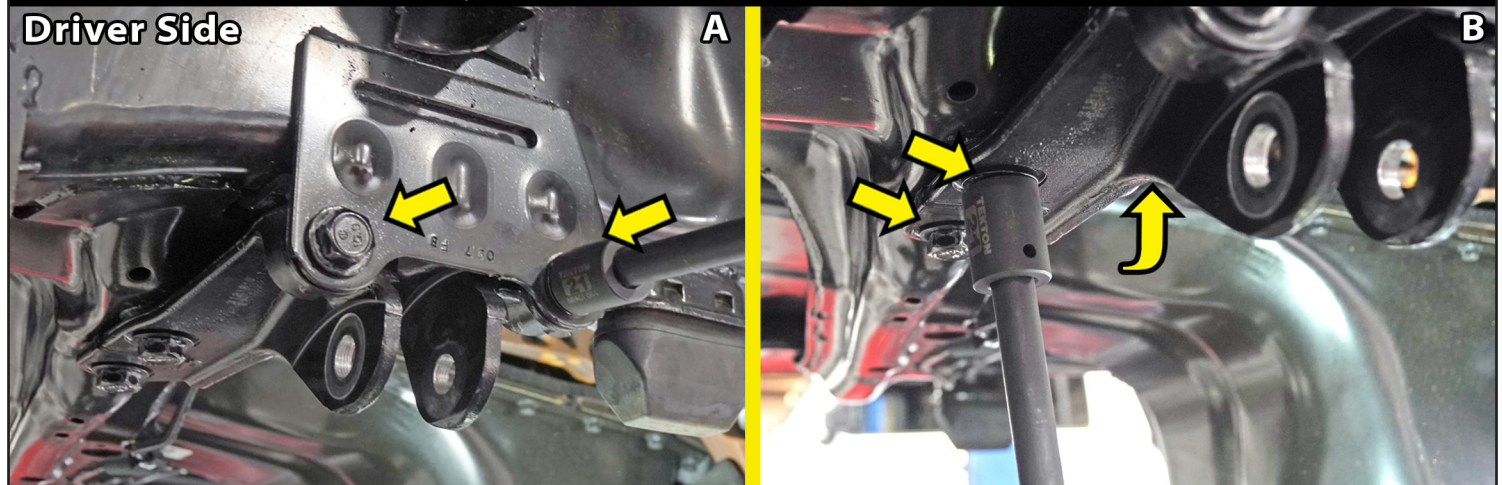


**10. DISCONNECT VENT HOSE & REMOVE COIL SPRINGS....**

- Disconnect the differential vent hose from the frame.
- Lower the axle with a jack and remove the factory coil springs. Push down the alignment pin on the spring rubber isolator and remove. Retain spring & rubber isolator.

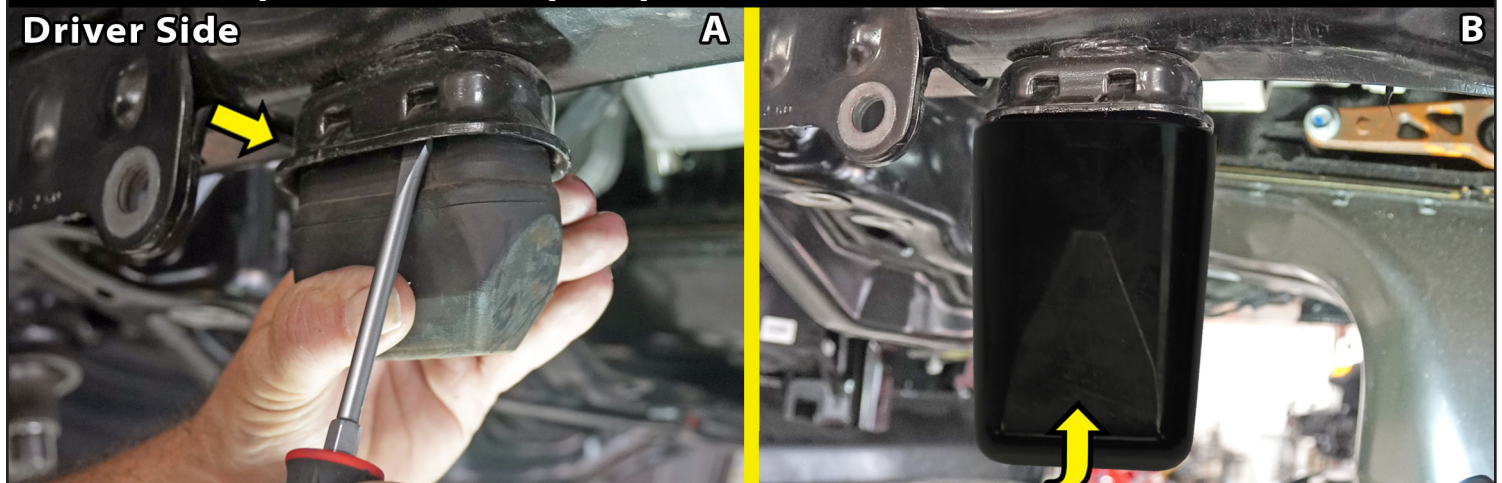
**11. REMOVE TRACK BAR FACTORY MOUNT...**

- [Illustration 8-A] Remove the two (2) factory track bar bolts from outside the frame rail. [21mm]
- [Illustration 8-B] Remove the three (3) factory bolts from inside the frame. Two (2) on front side of the bracket and one (1) in the middle. [21mm]
- Remove the track bar mount from the vehicle & discard.

**Illustration 8****Remove Track Bar Factory Mount...****12. REMOVE & REPLACEMENT BUMP STOPS...**

Locate the (2) SUPERLIFT #MO2322-BK-01 Polyurethane Bump Stops, Front

- [Illustration 9-A] Remove the factory bump stop from the frame cup mount. [flat head screwdriver | pliers]
- [Illustration 9-B] On each side, press a new bump stop (01-4620) in the factory bump stop cups. Be sure the lip of the cup is fully engaged in the recess of each bump stop. **TECH TIP** You need to press straight up on the bump stop to seat it properly. Place a block of wood above the axle below the bump stop. Jack the axle up and the bump stop into place.

**Illustration 9****Remove & Replace Front Bump Stops...**

**13. INSTALL NEW TRACK BAR BRACKET...**

Locate the SUPERLIFT #55-01-4690 Track Bar Bracket, Front.

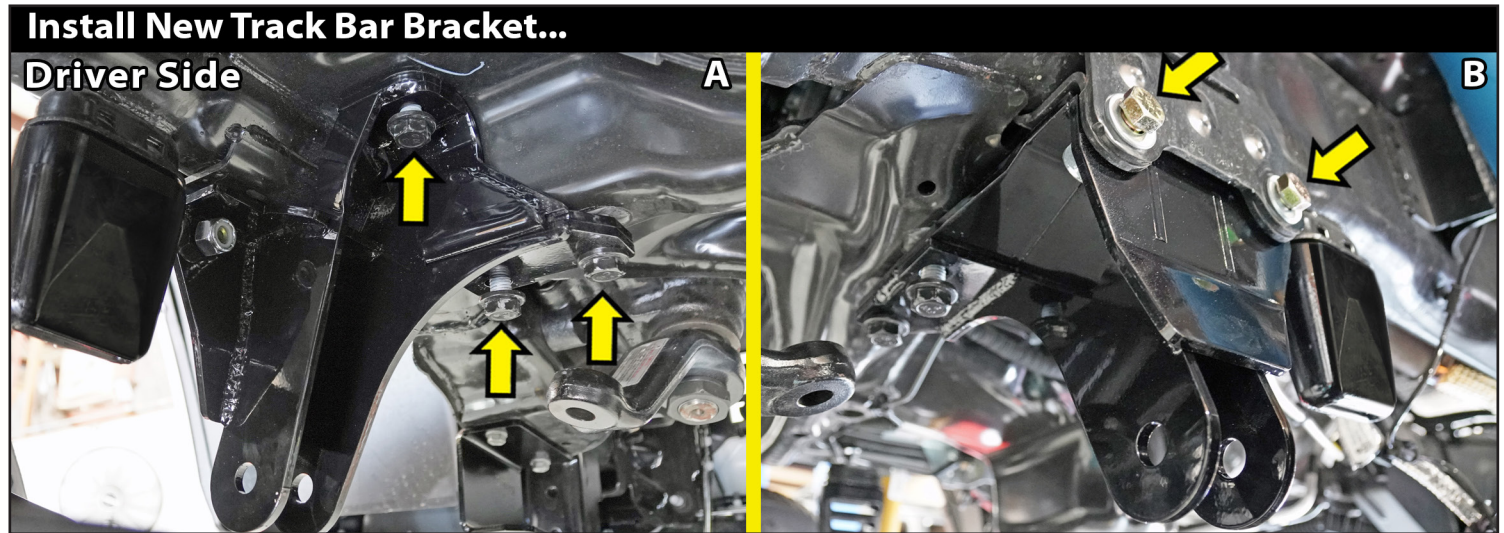
Locate the SUPERLIFT hardware in Bag #77-4695B. Hardware PER Side: (2) 9/16" x 1-3/4" Bolts, Coarse Thread, Grade 8, (2) 9/16" Nyloc Nuts & (4) 9/16" SAE Washers.

**[Illustration 10-A]** Position the SUPERLIFT Track Bar Bracket (#55-01-4690) into the factory mount location. Loosely install each of the inner three (3) factory bolts.

**[Illustration 10-B]** For the (2) frame rail mounting holes, attach 9/16" SAE Washer to 9/16" x 2-3/4" Bolt. Insert from outside the frame rail through track bar bracket. Add 9/16" SAE Washer and secure with 9/16" Nyloc Nut.

Tighten (3) factory bolts. [21mm] (131) Tighten (2) 9/16" bolts. [13/16" bolt | 7/8" nut] (130)

**⚠ NOTE:** Do Not Install the track bar at this time. The track bar will be installed into the new mount after the vehicle is on the ground.

**Illustration 10**

**⚠ NOTE: IF installing the Replacement Radius Arm Kit, Proceed to Step 15.**

#### 14. INSTALL RADIUS ARM DROP BRACKETS...

Locate the (2) SUPERLIFT #55-03-4690 Radius Arm Drop Brackets, Front. These are not side specific.

Locate the SUPERLIFT hardware in Bag #77-4595D. Hardware PER Side: (2) #55-05-4690 12mm Tab Bolt & (1) 1/2"-13 x 24" Fish Wire Bolt Leader

Locate the SUPERLIFT hardware in Bag #77-4695B Hardware PER Side: (2) 12mm Nyloc Nut, (2) 12mm SAE Flat Washer, (1) 18mm x 130mm Bolt, 2.5 Thread Pitch, (1) 18mm Nyloc Nut, 2.5 Thread Pitch & (2) 18mm Flat Washer

**⚠ NOTE: Perform This Step One Side at a Time. Begin on the Driver Side.**

**[Illustration 11-A]** Start on the driver side, place the jack under the passenger side arm. Remove the driver side radius arm bolts from the rear mount at the frame. [27mm] Retain factory hardware.

**[Illustration 11-B]** On the front axle mount position, mark the orientation of the adjustment cams on the radius arm lower bolt for reference during reassembly. Mark DR & PA side cams. Remove the top bolt and loosen the bottom cam bolt at the axle. [27mm] Retain factory hardware. Move the radius arm out of the way to allow room to install rear frame mount.

**[Illustration 11-C]** Position the new radius arm drop bracket #55-03-4690 in place and secure with the factory hardware. [27mm] Do not tighten at this time.

**[Illustration 11-D]** Attach the #55-05-4690 tab bolt into the Fish Wire Bolt Leader. Insert the Fish Wire into the factory hole in the outside of the frame rail. Fish the wire down through the factory hole in the lower frame rail down through the front hole of the bracket.

**[Illustration 11-E]** Hold pressure on the tab bolt and remove the Fish Wire. Place 12mm SAE Flat Washer and secure with 12mm Nyloc Nut. [18mm] Tighten. (59)

**[Illustration 11-F]** Mark the second hole in the top of the bracket on the frame. Drill a 1/2" hole into the frame rail.

Use the same method to insert the second tab bolt. Attach the #55-05-4690 tab bolt into the Fish Wire Bolt Leader. Insert the Fish Wire into the factory hole in the outside of the frame rail. Fish the wire down through the drilled hole in the lower frame rail down through the second hole of the bracket. Hold pressure on the tab bolt and remove the Fish Wire. Place 12mm SAE Flat Washer and secure with 12mm Nyloc Nut. [18mm] (59)

**[Illustration 11-G]** Reattach the radius arm at the front axle. Install the bolt & tab nut at the top. Install the adjustable cam bolt at the bottom. [27mm] Secure, but do not tighten.

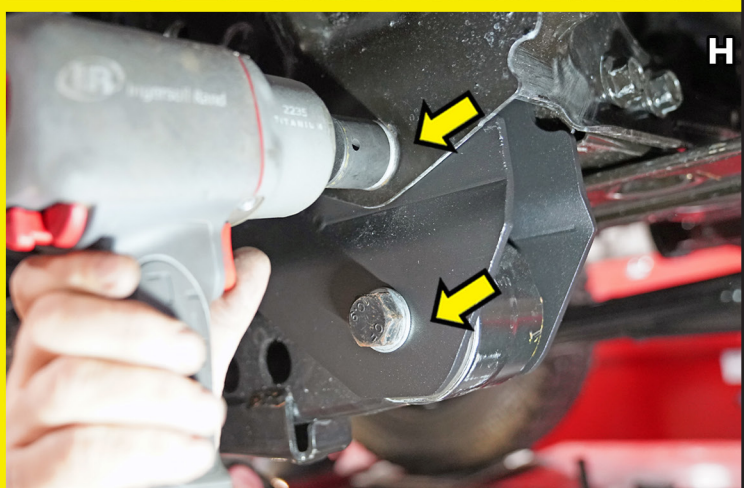
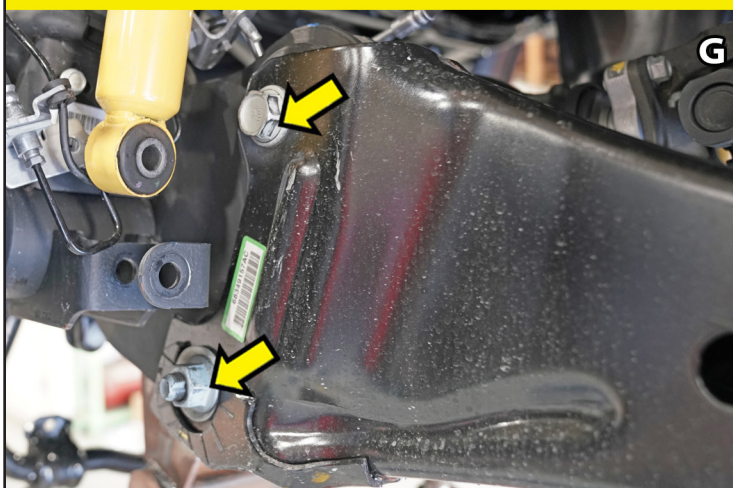
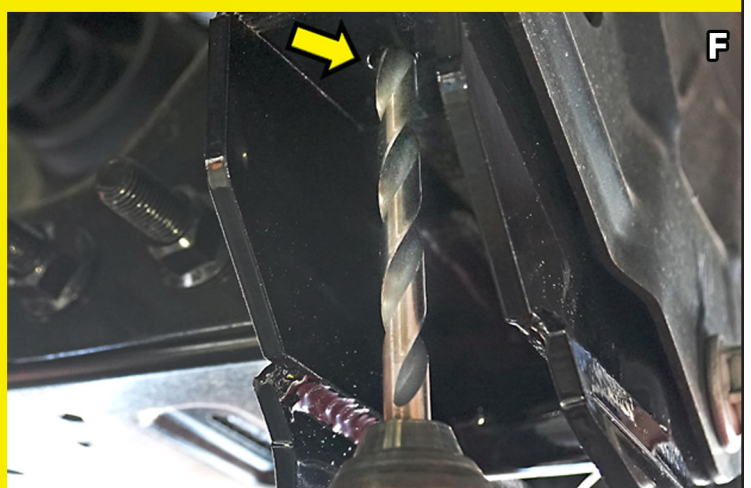
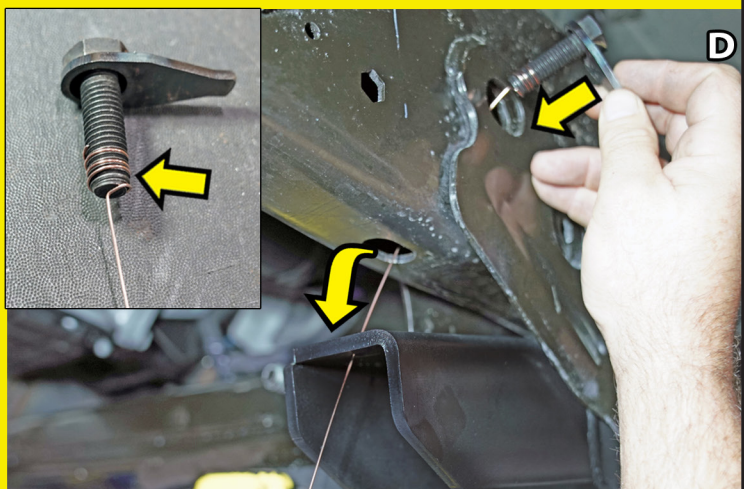
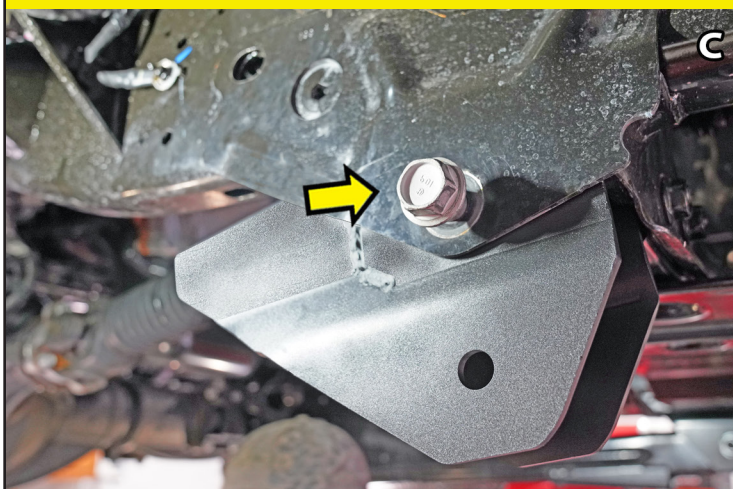
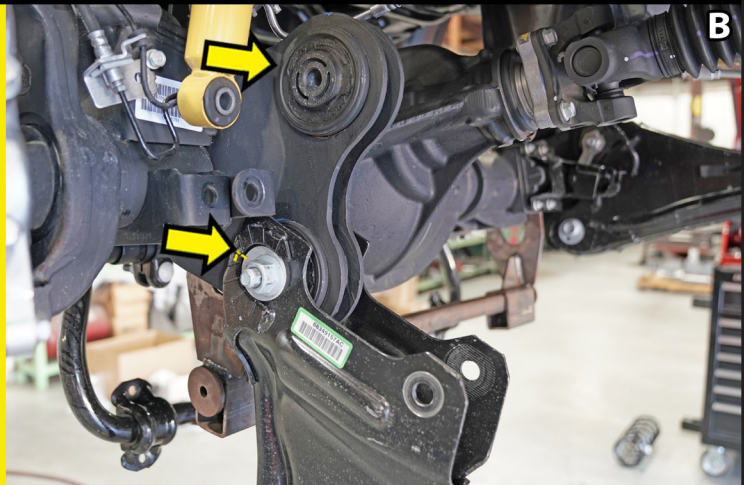
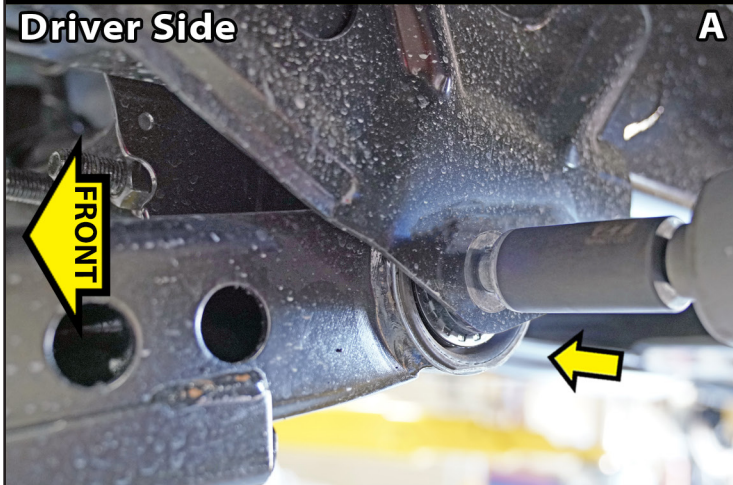
**[Illustration 11-H]** Install the radius arm into the new bracket at the frame. Place a 18mm Flat Washer onto the 18mm x 130mm Bolt. Run the bolt from the outside-to-inside through the bracket and radius arm. Attach a 18mm Flat Washer and secure with 18mm Nyloc nut. [27mm] Tighten. (170)

**⚠ NOTE: Repeat Steps On the Passenger Side.**

# Illustration 11

## Install Radius Arm Drop Brackets...

Driver Side



**15. REMOVE & REPLACEMENT RADIUS ARMS...**

Locate the (2) SUPERLIFT Radius Arms: #66-21-4683 - Driver Side & #66-22-4683 - Passenger Side. These are side specific. The 'flat' side goes to the outside of the vehicle.

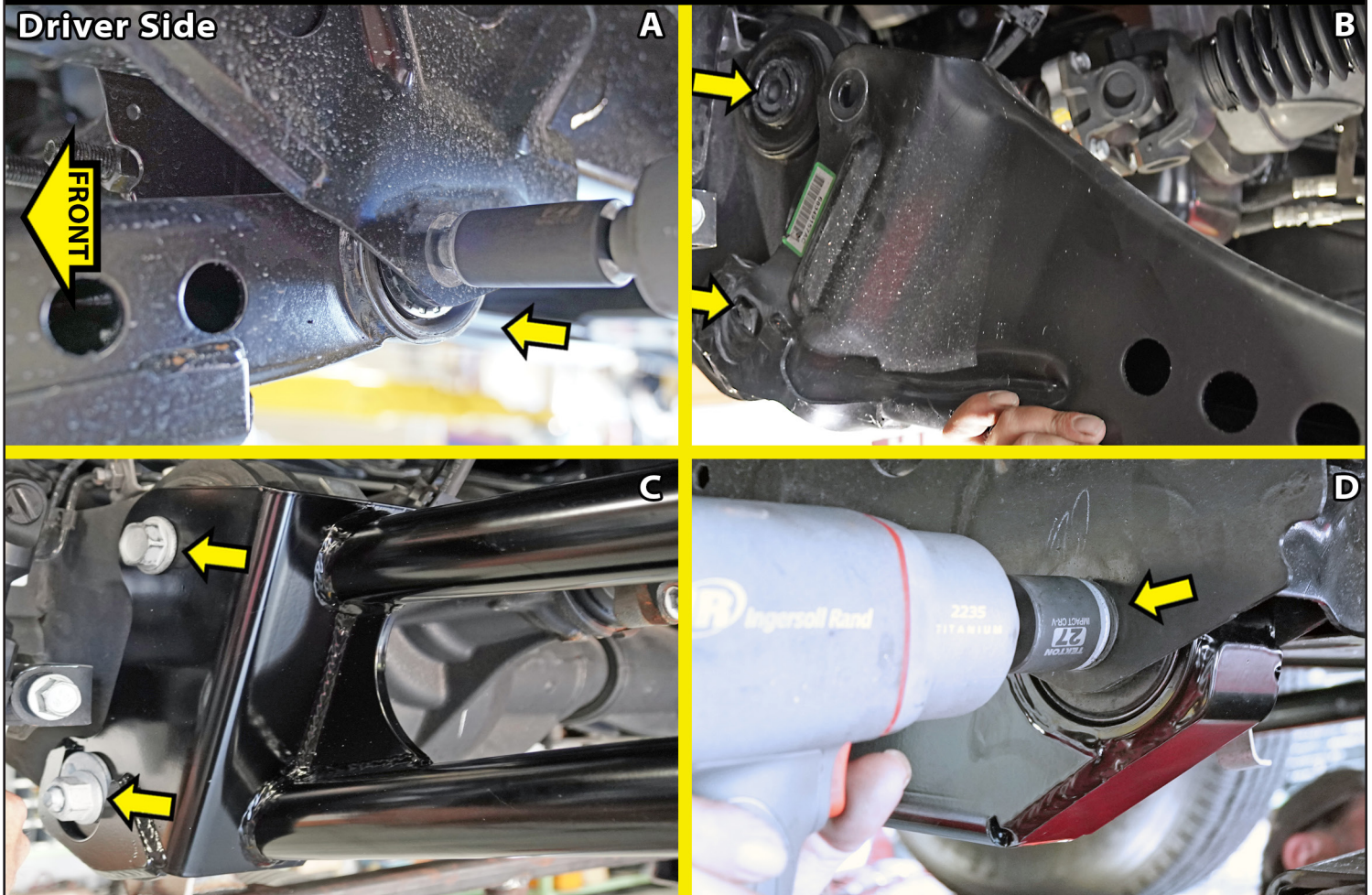
**⚠ NOTE: Perform This Step One Side at a Time. Begin on the Driver Side.**

☐☐ **[Illustration 12-A]** Start on the driver side, place the jack under the passenger side arm. Remove the driver side radius arm bolts from the rear mount at the frame. [27mm] Retain factory mounting hardware.

☐☐ **[Illustration 12-B]** At the front axle mount, remove the top bolt and bottom cam bolt. [27mm] Remove the factory radius arm and discard. Retain factory mounting hardware.

☐☐ Position the #66-21-4683 - Driver Side in place at the front axle. Secure with the factory hardware with the adjuster cam bolt in the bottom position. Secure, but do not tighten axle hardware. [27mm] Position and secure at frame mount. [27mm]

**⚠ NOTE: Repeat Steps On the Passenger Side.**

**Illustration 12****Remove & Replacement Radius Arms...**

**16. INSTALL FRONT SHOCK RELOCATION BRACKET...**

Locate the (2) SUPERLIFT #55-04-4690 Shock Relocation Bracket - Front. These are not side specific.

Locate the SUPERLIFT hardware in Bag #77-4595D. Hardware PER Side: (1) 05-4682 Sleeve

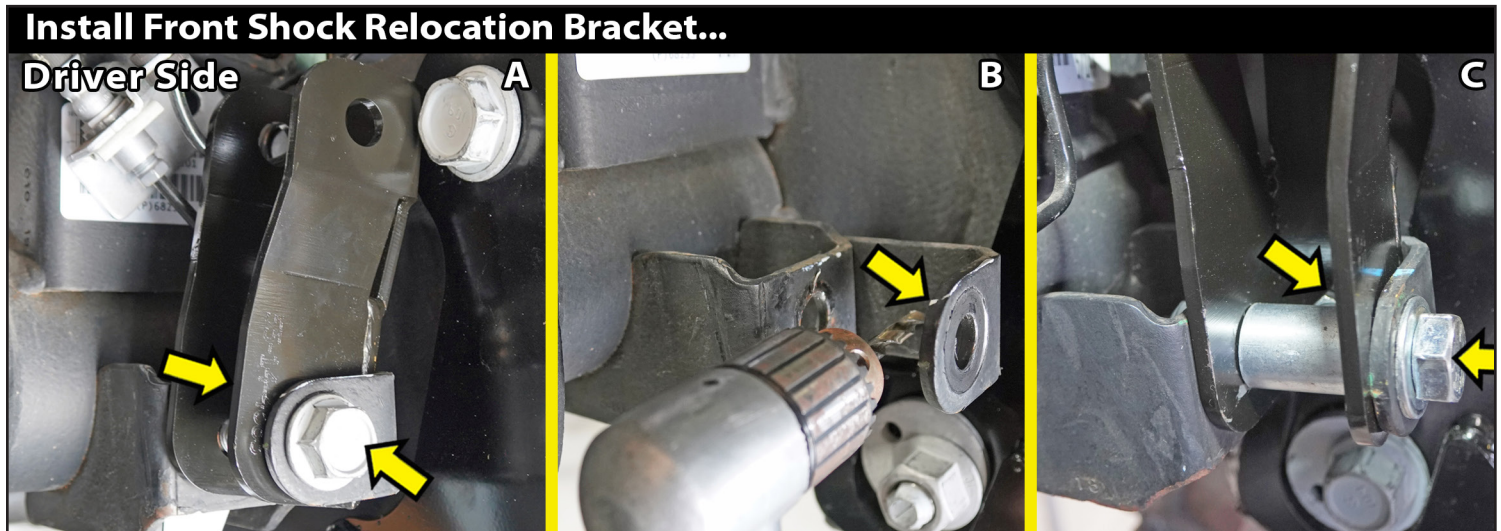
Locate the SUPERLIFT hardware in Bag #77-4695C. Hardware PER Side: (1) 3/8" x 1" Bolt, Course Thread, Grade 8, (1) 3/8" SAE Flat Washer, (1) 3/8" Nyloc Nut, Course Thread, Grade 5, (1) 9/16" x 3" Bolt, Course Thread, Grade 8, (2) 9/16" SAE Flat Washer & (1) 9/16" Nyloc Nut, Course Thread, Grade 5

**[Illustration 13-A]** Place the narrow end of new shock relocation bracket #55-04-4690 inside of the factory lower shock mount. Insert the factory shock bolt through the factory shock mount and the new relocation bracket. On the inside of the shock bracket, mark the hole to be drilled.

**[Illustration 13-B]** Remove the bolt and the bracket and drill a 3/8" hole.

**[Illustration 13-C]** Place a 3/8" SAE Flat Washer onto a 3/8" x 1" Bolt. Re-insert the narrow end of new shock relocation bracket #55-04-4690 inside of the factory lower shock mount. Insert the 3/8" bolt/washer through the bracket and the newly drilled hole. Attach with 3/8" SAE Flat Washer & 3/8" Nyloc Nut. Tighten [9/16"] (30).

**[Illustration 13-C]** Place a 9/16" SAE Flat Washer onto a 9/16" x 3" Bolt. Insert the 9/16" bolt/washer through the factory bracket going rear-to-front. Place the 05-4682 Sleeve inside the bracket and insert the bolt through the bracket and frame mount. Attach with 9/16" SAE Flat Washer & 9/16" Nyloc Nut. Tighten. [13/16" bolt \ 7/8" nut] (95)

**Illustration 13****17. INSTALL COIL SPRINGS & ATTACH SHOCK TO SHOCK BRACKET...**

Locate the (2) SUPERLIFT Coil Springs: #02-240. These are not side specific.

Place the factory coil spring isolator on top of the #02-240 coil and install coil springs.

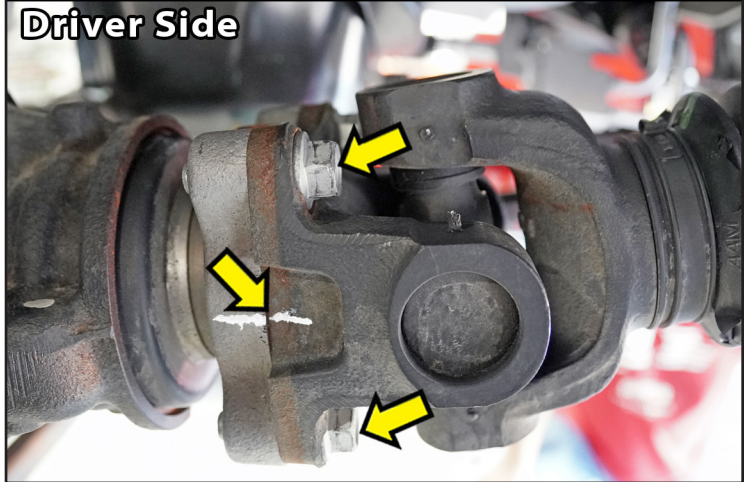
**[Illustration 14]** Raise the axle and attach the shock absorber to the shock relocation bracket. Secure with factory bolt & tab nut. [21mm] Tighten (110).

**Illustration 14**



**18. REATTACH FRONT DRIVESHAFT...**

[Illustration 15] Reattach the front driveshaft with factory hardware. Tighten. [10mm] (45)

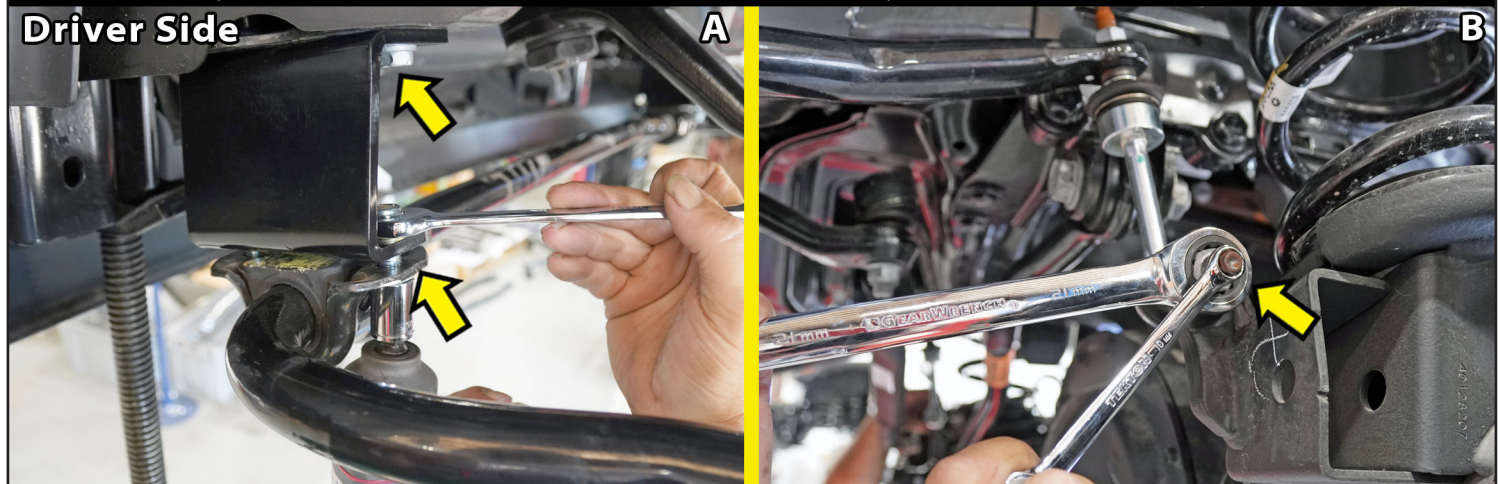
**Illustration 15****Reattach Front Driveshaft...****Driver Side****19. INSTALL SWAY BAR FRAME BRACKETS & RE-ATTACH SWAY BAR LINKS...**

Locate the (2) SUPERLIFT Sway Bar Relocation Brackets: #55-13-4683 - Driver Side & #55-12-4683 - Passenger Side. These are side specific.

Locate the SUPERLIFT hardware in Bag #77-4695C. Hardware PER Side: (2) 7/16" x 1-1/4", Course Thread, Grade 8, (2) 7/16" SAE Flat Washer & (2) 7/16" Nyloc Nut, Course Thread, Grade 5

[Illustration 16-A] Install the sway bar relocation brackets on the frame (#55-13-4683 - Driver Side & #55-12-4683 - Passenger Side) using the factory hardware (The flat side goes to the outside). Attach the sway bar frame mount & bar to the new bracket. Insert the 7/16" x 1-1/4" bolt up through the sway bar frame mount & relocation bracket. Secure with 7/16" SAE Flat Washer & 7/16" Nyloc Nut. [5/8"] Tighten (50).

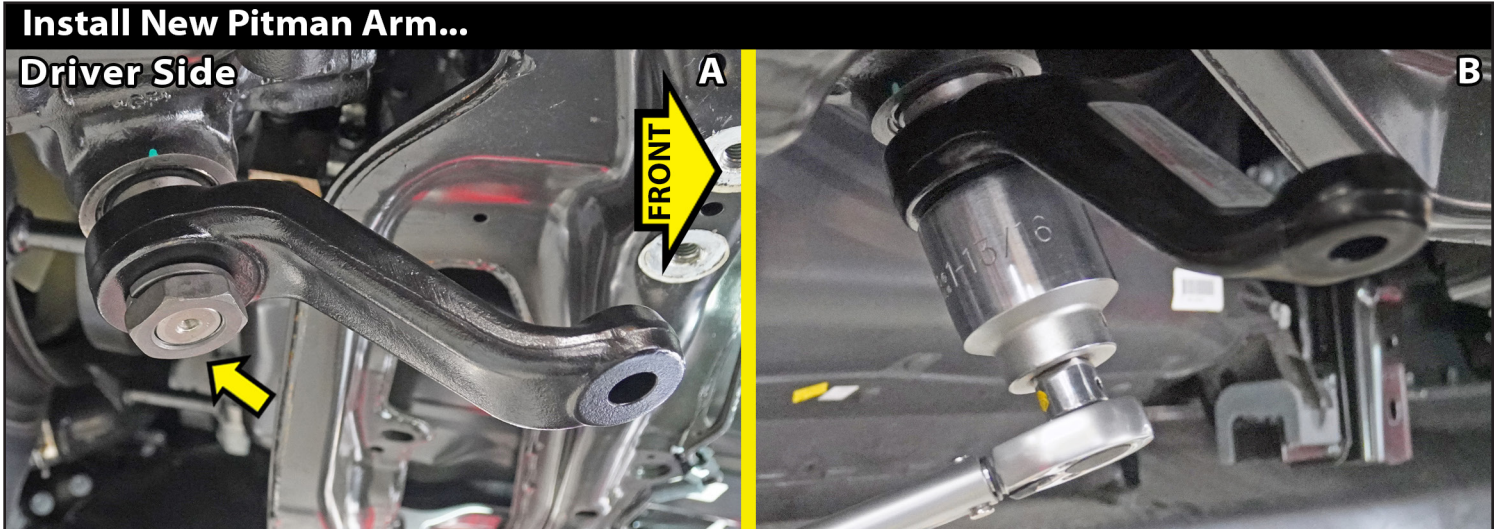
[Illustration 16-B] Reconnect the anti-sway bar link to the axle mount. [10mm | 21mm] Tighten.

**Illustration 13****Install Sway Bar Frame Brackets & Re-Attach Sway Bar Links...****Driver Side**

**20. INSTALL NEW DROP PITMAN ARM...**

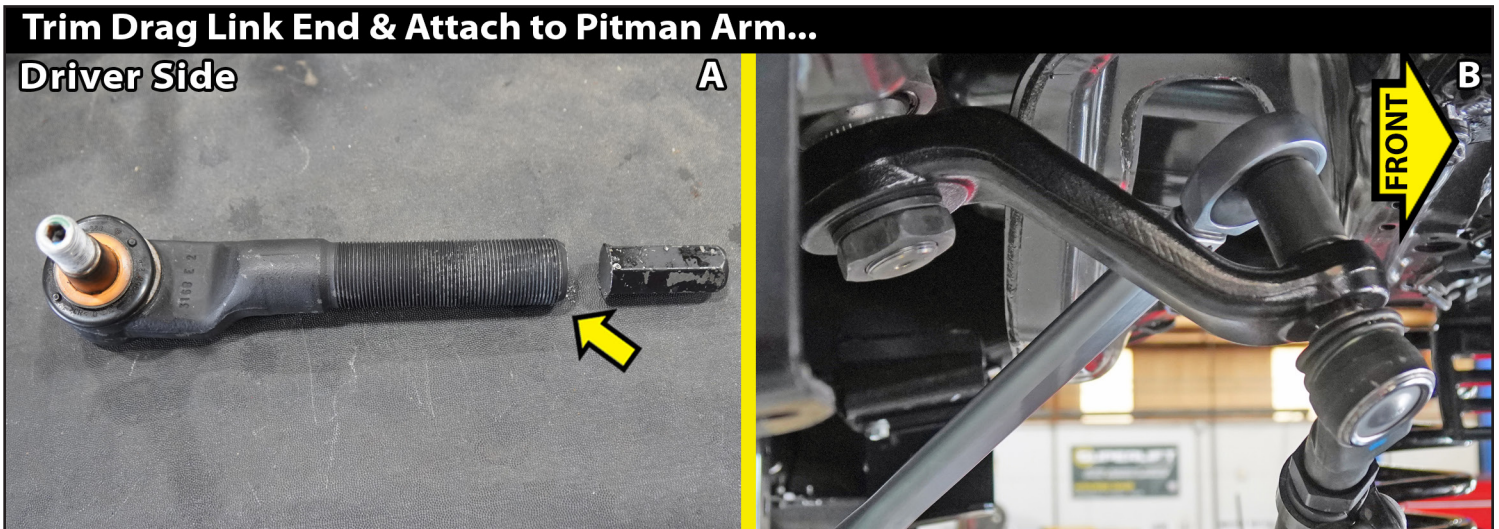
Locate the SUPERLIFT Pitman Arm: #DS2014A.

[Illustration 17-A] Align the indexing splines of the #DS2014A pitman arm with the steering sector shaft then secure using the factory hardware. [46mm | 1-13/16"] [Illustration 17-B] Tighten & Torque. (117).

**Illustration 17****21. TRIM DRAG LINK END & ATTACH TO PITMAN ARM...**

[Illustration 18-A] The threaded body end of the drag link end must be trimmed before it can be flipped and attached to the new pitman arm. Mark the end of the adjuster sleeve on both ends for reference. Cut the tab using a cutoff wheel or other appropriate tool. Do not damage any threads when trimming this tab.

[Illustration 18-B] Once the tab has been trimmed, thread the drag link back into the adjuster to the previous location. Install into the pitman arm. [21mm] (65)

**Illustration 18**

**22. INSTALL FRONT BRAKE LINE BRACKETS...**

Locate the (2) SUPERLIFT Front Brake Line Brackets: #55-23-4683 - Driver Side & #55-24-4683 - Passenger Side. These are side specific.

Locate the SUPERLIFT hardware in Bag #77-4695C. Hardware PER Side for #55-23-4683 - Driver Side: (1) 1/4" x 3/4", Course Thread, Grade 8, (1) 1/4" Nyloc Nut, Course Thread, Grade 5 & (1) 1/4" SAE Flat Washer

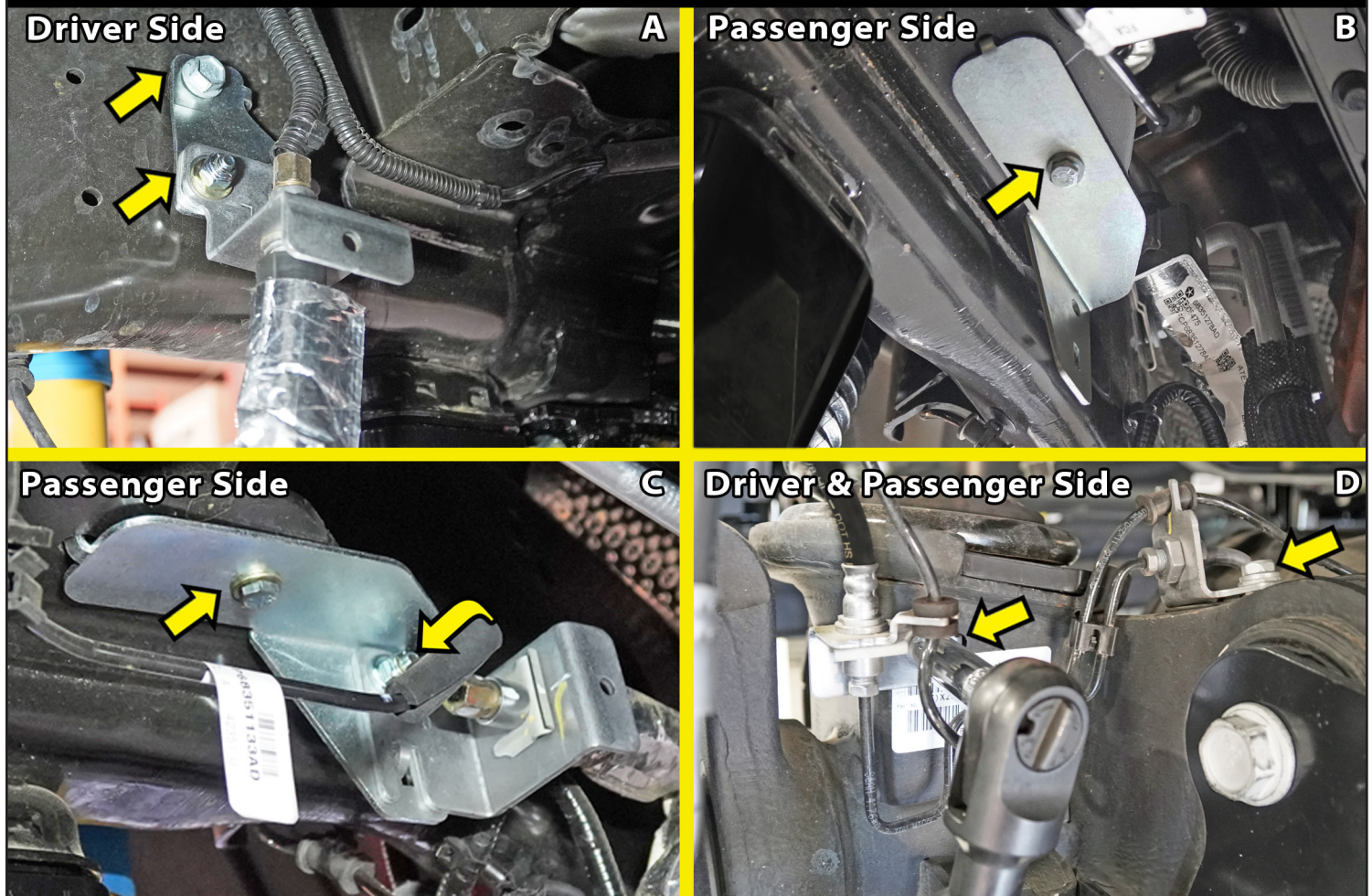
Hardware PER Side for #55-24-4683 - Passenger Side: (1) 1/4" x 1", Course Thread, Grade 8, (1) 1/4" x 3/4", Course Thread, Grade 8, (2) 1/4" Nyloc Nut, Course Thread, Grade 5 & (2) 1/4" SAE Flat Washer

☐ **[Illustration 19-A]** Located on the inside of the driver side frame rail rearward of the bump stop, remove the factory brake line bracket. [13mm] Retain bolt. Attach the #55-23-4683 bracket to the factory bracket with the 1/4" x 3/4" Bolt running outside-to-inside. Secure with 1/4" SAE Flat Washer & 1/4" Nyloc Nut. [7/16"] Attach #55-23-4683 bracket to frame with factory bolt. [13mm] Tighten.

☐ **[Illustration 19-B]** Located on the inside of the passenger side frame rail rearward of the bump stop, remove the factory brake line bracket. [13mm] Retain bolt. Loosely attach the #55-24-4683 bracket to the frame. Place a 1/4" SAE Flat Washer onto the 1/4" x 1" Bolt. Place the bolt/washer up through the bracket and frame. Secure with 1/4" Nyloc Nut. Secure, but do not tighten. [7/16"]

☐ **[Illustration 19-C]** Attach the factory bracket to the #55-24-4683 bracket with the 1/4" x 3/4" Bolt running outside-to-inside. Secure with 1/4" SAE Flat Washer & 1/4" Nyloc Nut. [7/16"] Tighten bracket to bracket, then tighten bracket to frame. [13mm]

☐☐ **[Illustration 19-D]** Re-attach the two (2) brake line brackets to their attachment points on the front axle. One bracket is below the coil seat and the other is on top of the radius arm mount. [13mm] Re-attach brackets to both drive and passenger side axle mounts.

**Illustration 19****Install Front Brake Line Brackets...**

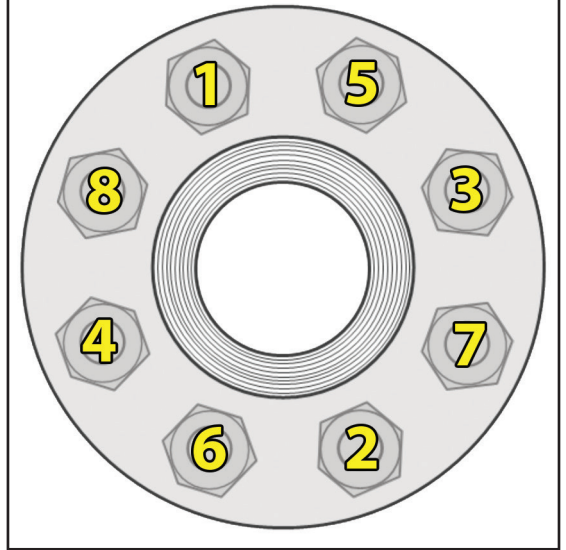
**23. FRONT TIRES / WHEELS...**

[Illustration 20] Install the front tires & wheels. [Lug Nuts 22mm] (130) Lower the vehicle to the ground.

**⚠ WARNING:** When the tires / wheels are installed, always check for and remove any corrosion, dirt, or foreign material on the wheel mounting surface, or anything that contacts the wheel mounting surface (hub, rotor, etc.). Installing wheels without the proper metal-to-metal contact at the wheel mounting surfaces can cause the lug nuts to loosen and the wheel to come off while the vehicle is in motion.

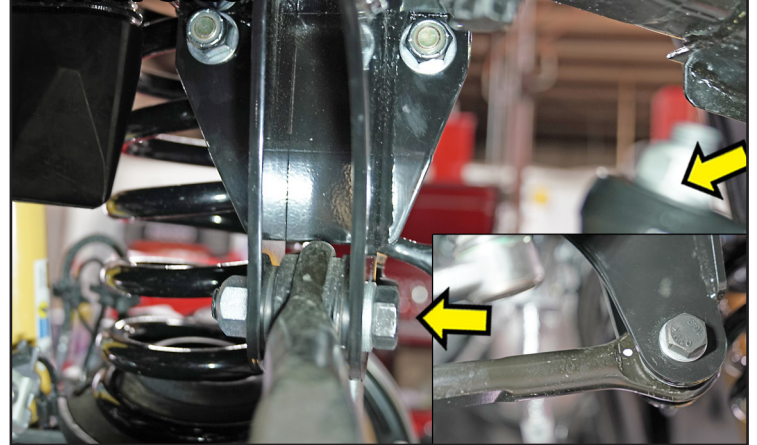
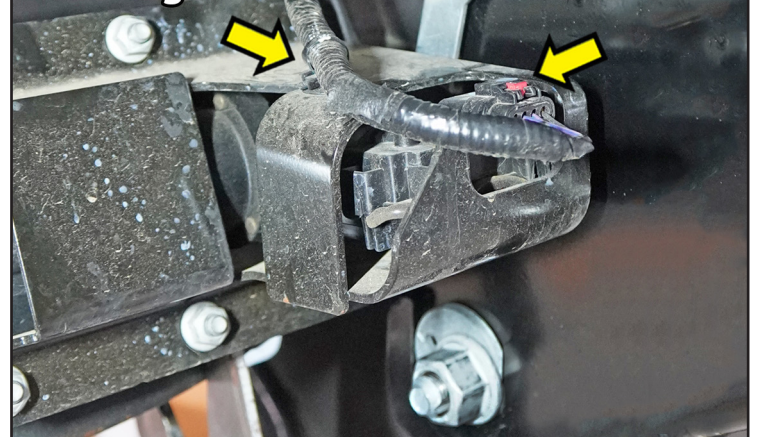
**Illustration 20****Lug Nut Torque Sequence...**

**Follow the Sequence Below to Torque the Lug Nuts**

**24. TIGHTEN FRONT TRACK BAR & RADIUS ARMS...**

[Illustration 21] Attach the front track bar to the new bracket using the factory hardware. Run bolt front-to-rear. Tighten both track bar to bracket and track bar to axle mount. [27mm] (170)

Tighten all radius arm bolts and mounts. [27mm] (240)

**Illustration 21****Tighten Front Track Bar...****Driver Side****Illustration 22****Reconnect Actuator & Wire Clips...****Passenger Side****25. RECONNECT DIFFERENTIAL ACTUATOR & DIFFERENTIAL VENT TUBE...**

[Illustration 22] Reconnect the differential actuator connector. Reattach the wire loom clips to the axle.

Reconnect the differential vent hose to the frame.

**26. FRONT CLEARANCE CHECK...**

Reconnect the battery.

With the vehicle on the ground, cycle the steering lock-to-lock and check all components for proper operation and clearances. Pay special attention to the clearance between the tires / wheels and radius arms, brake hoses, wiring, etc.

Raise the vehicle back onto jack stands and secure as per **Step 1**. With the suspension 'hanging' at full extension travel, cycle the steering lock-to-lock and check all components for proper operation and clearances. Pay special attention to the clearance between the tires / wheels and radius arms, brake hoses, wiring, etc.

Lower the vehicle to the floor.

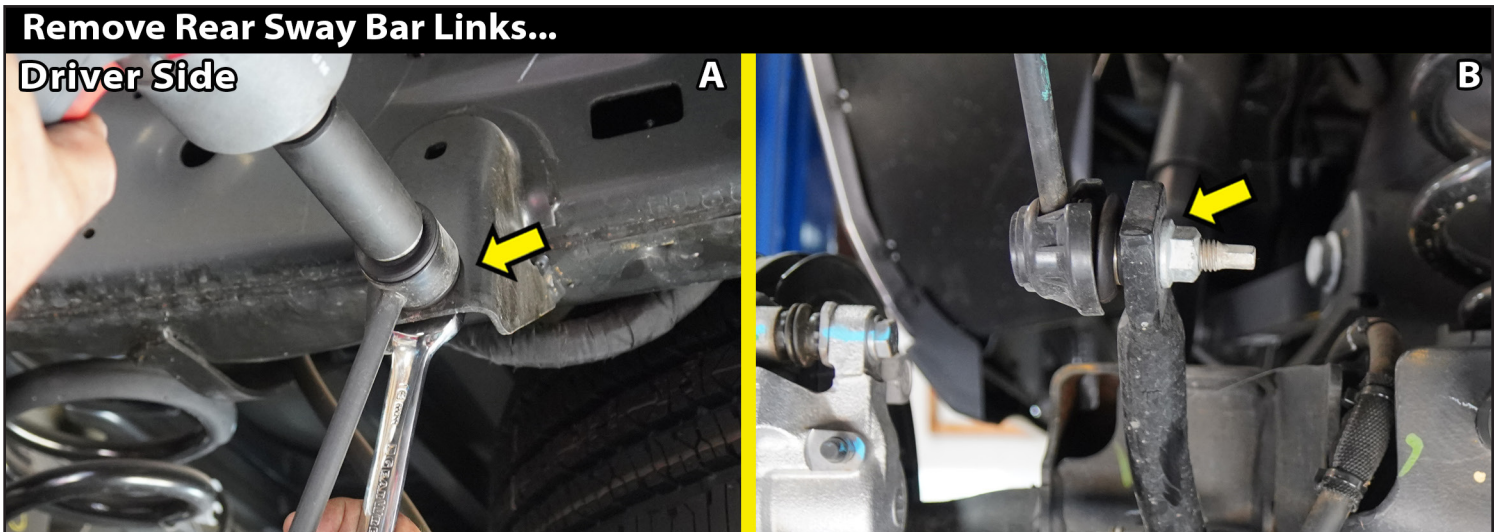
**REAR DISASSEMBLY****27. PREPARE VEHICLE...**

Place vehicle in neutral. Raise rear of vehicle with a jack and secure a jack stand beneath each frame rail, in front of the rear link arms. Ease the frame down onto the stands, place transmission in low gear or "park", and chock rear tires. Place jack under axle and raise. Remove rear tires.

**28. REMOVE REAR SWAY BAR LINKS...**

[Illustration 23-A] Disconnect the sway bar link from the outside of the frame rail. [18mm]

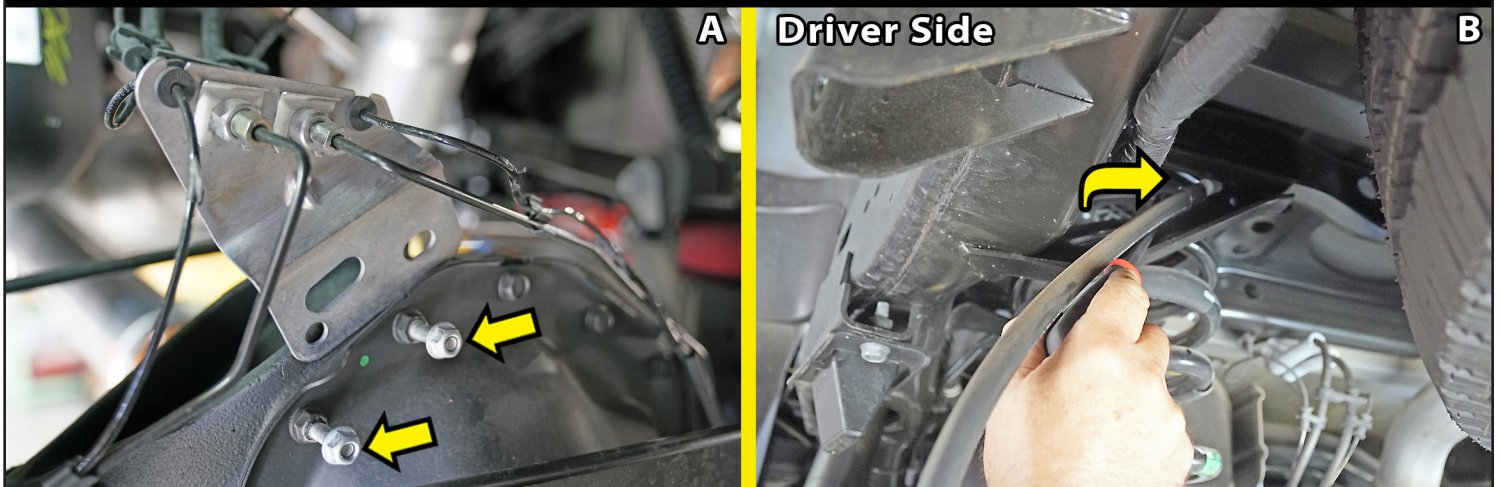
[Illustration 23-B] Disconnect the sway bar link from the sway bar. [18mm]

**Illustration 23**

**29. DISCONNECT BRAKE LINE BRACKET & VENT TUBE...**

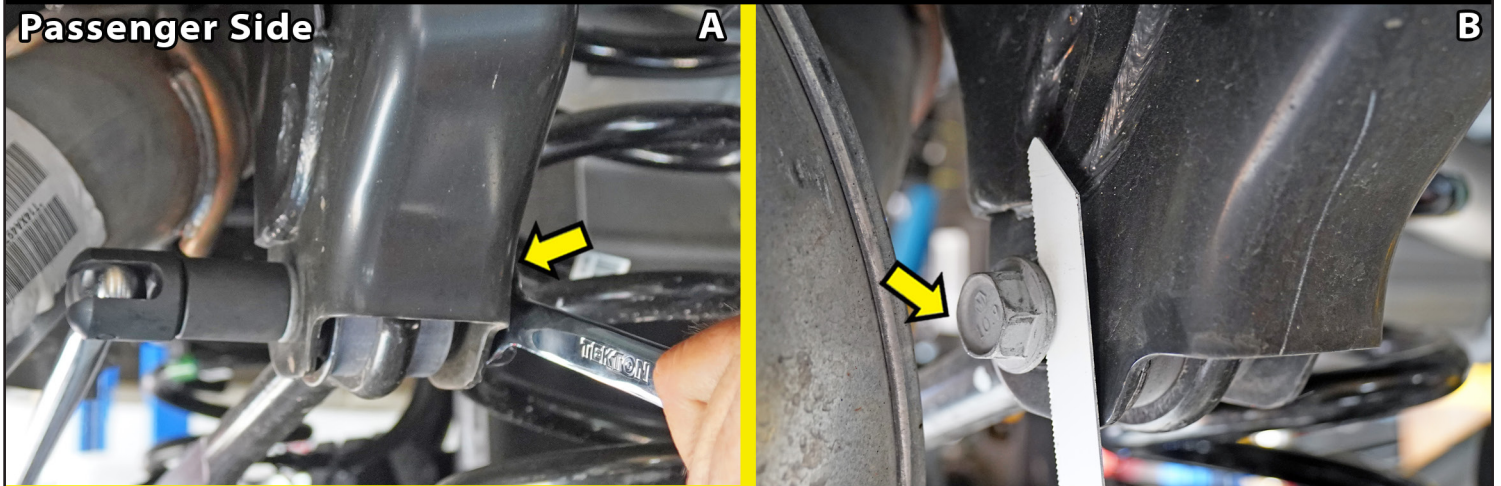
□ [Illustration 24-A] Disconnect the brake line bracket from the axle differential. [13mm] Retain factory nuts.

□ [Illustration 24-A] Unplug the vent hose from the frame on the driver side. [Plastic Fastener Removal Tool]

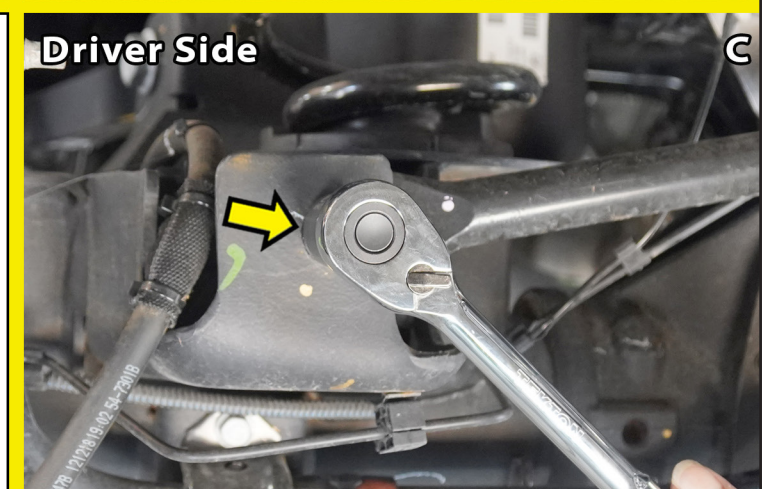
**Illustration 24****Disconnect Brake Line Bracket & Vent Tube...****30. DISCONNECT TRACK BAR...**

□ [Illustration 25-A] Disconnect the track bar from the passenger frame mount. [21mm]

[Illustration 25-B] **TECH TIP** Because of the engine/exhaust routing on some models, it is easier to cut the bolt head off to remove the bolt. SUPERLIFT supplies a replacement bolt.


**Illustration 25****Disconnect Rear Track Bar...**

□ [Illustration 25-C] Loosen track bar at the driver side axle mount. [21mm]



**31. DISCONNECT LOWER SHOCK MOUNT & REMOVE COIL SPRINGS...**

**[Illustration 26-A]** Disconnect shock absorbers at lower shock mount. [21mm] Retain factory hardware.

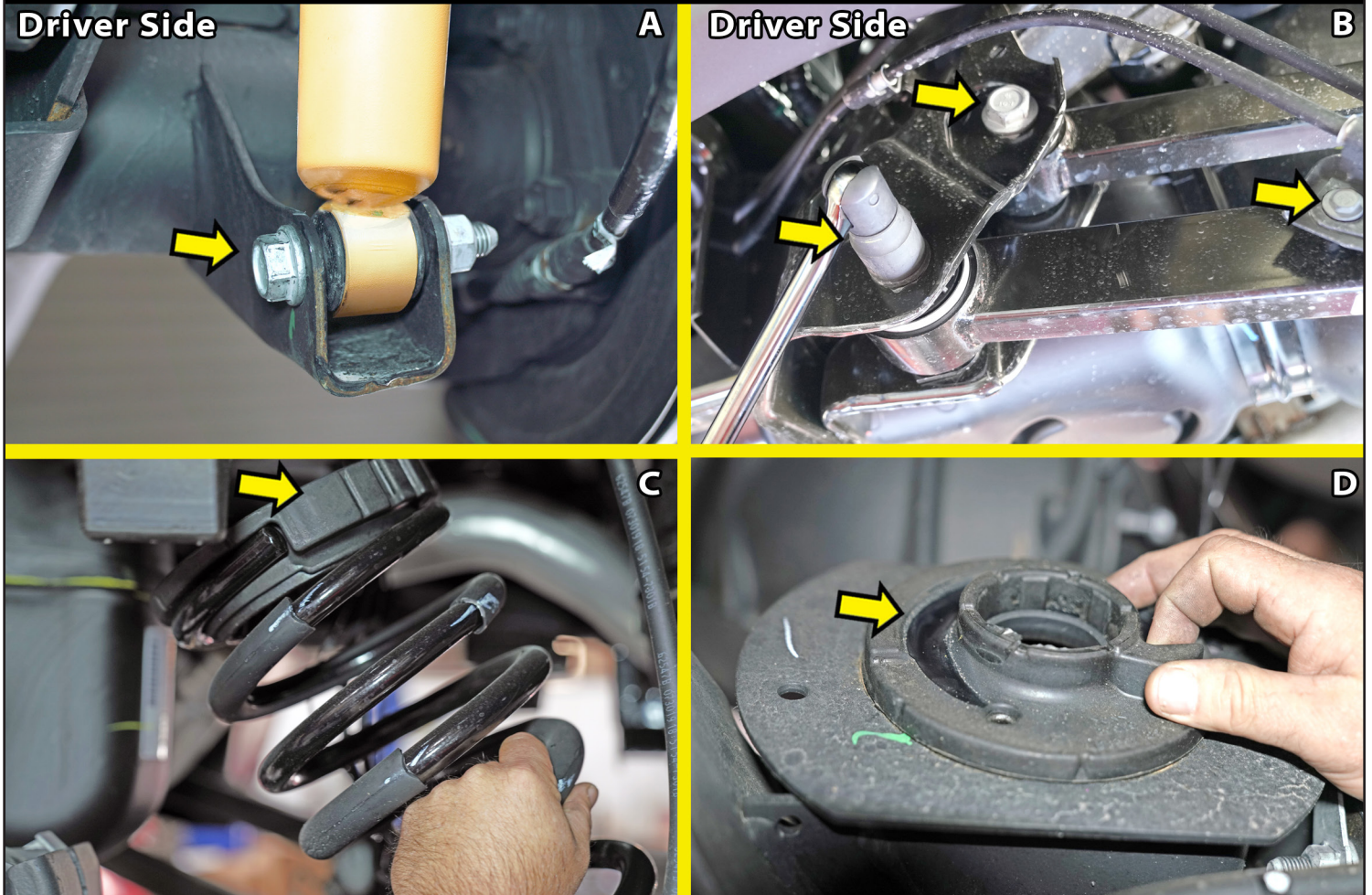
 **TECH TIP** You can work around the shock during installation or you can remove the shock completely by disconnecting the upper mount. [18mm]

**[Illustration 26-B]** On the driver side, disconnect the emergency brake cable bracket from the lower link arm. [13mm]

**[Illustration 26-B]** Loosen both the upper and lower link arms at the frame. [30mm]

**[Illustration 26-C]** Lower the axle with a jack and remove the factory coil springs. Retain spring isolator from top of coil. Discard coil springs.

**[Illustration 26-D]** Retain spring isolator from the lower spring seat. Retain factory coil springs.

**Illustration 26****Disconnect Lower Shock Mount & Remove Coil Springs...**

**REAR ASSEMBLY****32. INSTALL REAR COIL SPRING SPACERS & FACTORY REAR COILS...**

Locate the (2) SUPERLIFT Coil Spring Spacer - Rear: #55-06-4690. These are not side specific.

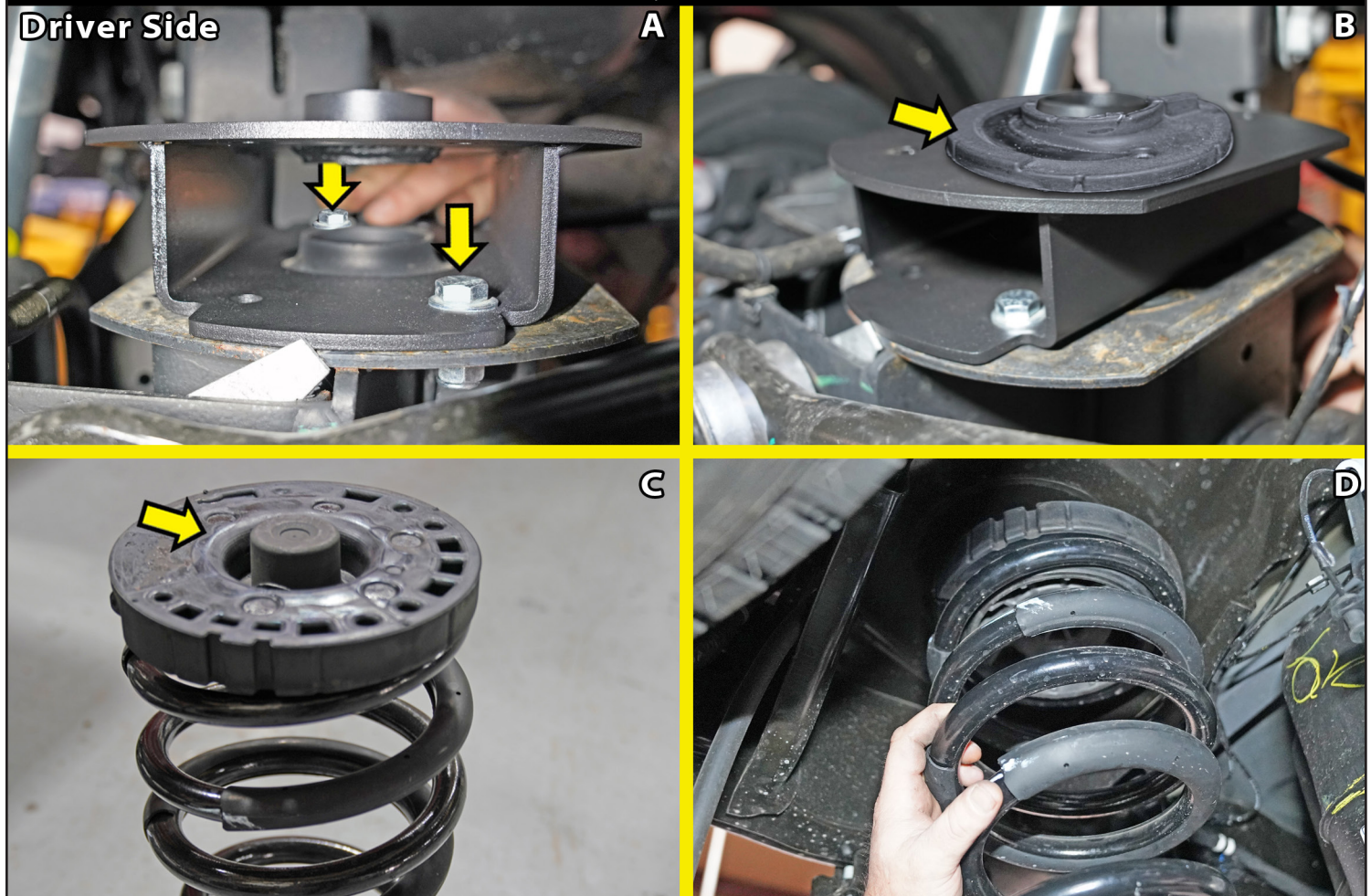
Locate the SUPERLIFT hardware in Bag #77-4696D. Hardware PER Side: (2) 3/8" x 1-1/4", Course Thread, Grade 8, (4) 3/8" Nyloc Nut, Course Thread, Grade 5 & (2) 3/8" SAE Flat Washers

☐☐ **[Illustration 27-A]** Place the #55-06-4690 coil spring spacers on the axle coil seat. Align the holes in the new bracket with the ones in the axle seat. Place a 3/8" SAE Flat Washer onto a 3/8" x 1-1/4" Bolt. Insert the bolt/washer from bottom-to-top through the coil seat through the bracket. Secure with 3/8" SAE Flat Washer & 3/8" Nyloc Nut. [9/16"] Tighten (30).

☐☐ **[Illustration 27-B]** Place the factory spring isolator on top of the #55-06-4690 coil spring spacer.

☐☐ **[Illustration 27-C]** Place the factory spring isolator on top of the factory coil spring.

☐☐ **[Illustration 27-D]** Insert the coil spring into the upper tower first. Be sure that the coils are indexed so they seat properly. Raise the axle enough to hold the coil springs in place. **TECH TIP** With help, you can raise the axle and position both sides in place at one time.

**Illustration 27****Install Rear Coil Spring Spacer & Factory Rear Coils...**



**33. INSTALL REAR TRACK BAR MOUNTING BRACKET...**


Locate the SUPERLIFT Track Bar Mounting Bracket - Rear: #55-02-4690.

Locate the SUPERLIFT hardware in Bag #77-4696A. Hardware PER Bracket: (2) 14mm x 110mm Bolt, 2.0 Thread Pitch, Grade 10.9, (4) 14mm SAE Washer, (2) 14mm Stover Nut, (1) 1/2" x 1-1/4" Bolt, Course Thread, Grade 8, (1) 1/2" SAE Flat Washer, (1) 7/16" x 4" Bolt, Course Thread, Grade 8, (1) 7/16" SAE Flat Washer & (1) 7/16" Nyloc Nut.

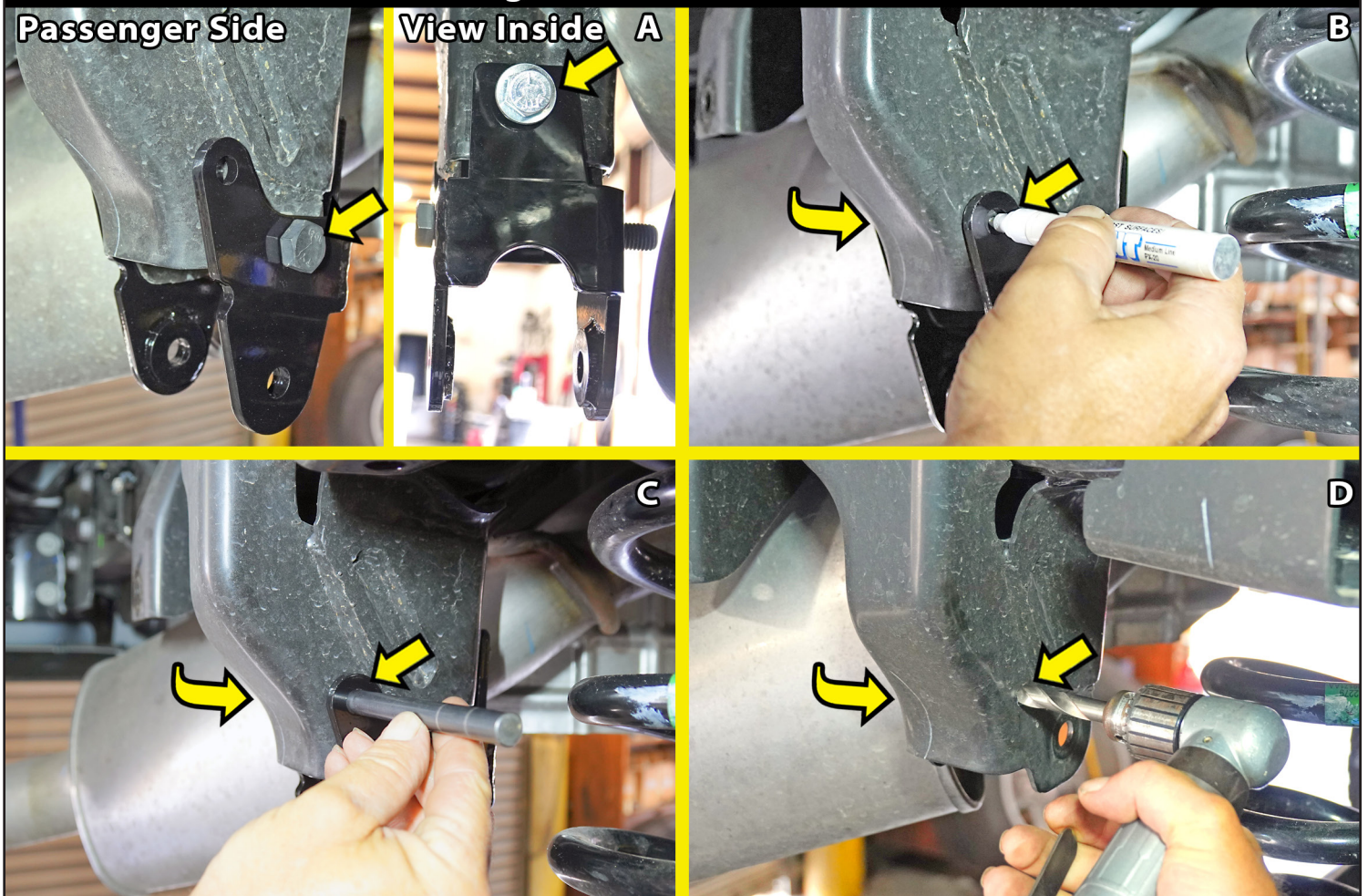
Locate the SUPERLIFT hardware in Bag #77-4696C. Hardware PER Bracket: (1) #08-4683 Sleeve, 0.875" x 0.635" x 2.438" & (1) #55-12-4540 Tab Nut: 1/2" Stover Nut, Grade 8

□ **[Illustration 28-A]** Position the #55-02-4690 track bar mounting bracket over the factory mount as shown with the bracket top tab on the outside. Insert a 14mm x 110mm Bolt through the bracket and the original factory mount hole. Insert the 1/2" SAE Flat Washer onto the 1/2" x 1-1/4" Bolt. Insert the bolt/washer into the tab to hold bracket in place.

□ **[Illustration 28-B]** Using the bracket as a template, mark the bracket's top hole on the mount. Mark both sides of the frame mount.

□ **[Illustration 28-C]**  **TECH TIP** Using the bracket as a template, use a center punch for drilling accuracy. Mark both sides of the frame mount.

□ **[Illustration 28-D]** Remove bracket and drill marked hole to 7/16". Drill both sides of the frame mount.

**Illustration 28****Install Rear Track Bar Mounting Bracket...**

☐ [Illustration 28-E & 28-F] Reposition the #55-02-4690 track bar over the factory bracket as shown with the top tab on the outside. Place a 14mm SAE Washer onto a 14mm x 110mm Bolt. Insert the #08-4683 Sleeve inside the bracket and align with the original factory mount hole. Run the 14mm bolt/washer from front-to-rear through the bracket and frame mount. Secure with 14mm SAE Washer and 14mm Stover Nut.

☐ [Illustration 28-G] Place a 7/16" SAE Flat Washer onto the 7/16" x 4" Bolt. Run the 7/16" bolt/washer from front-to-rear through the bracket and drilled hole in the frame mount. Secure with 7/16" SAE Flat Washer and 7/16" Nyloc Nut.

☐ [Illustration 28-H] Insert the 1/2" SAE Flat Washer onto the 1/2" x 1-1/4" Bolt. Position the #55-12-4540 Tab Nut inside of the bracket and align with the tab hole. Insert the bolt/washer into the tab and secure with tab nut. Tighten all hardware. 14mm Bolt [21mm] (131) 7/16" Bolt [9/16"] (60) 1/2" Bolt [4/3"] (90)

## Illustration 28

### Install Rear Track Bar Mounting Bracket...



## 34. INSTALL REAR BUMP STOP SPACERS...

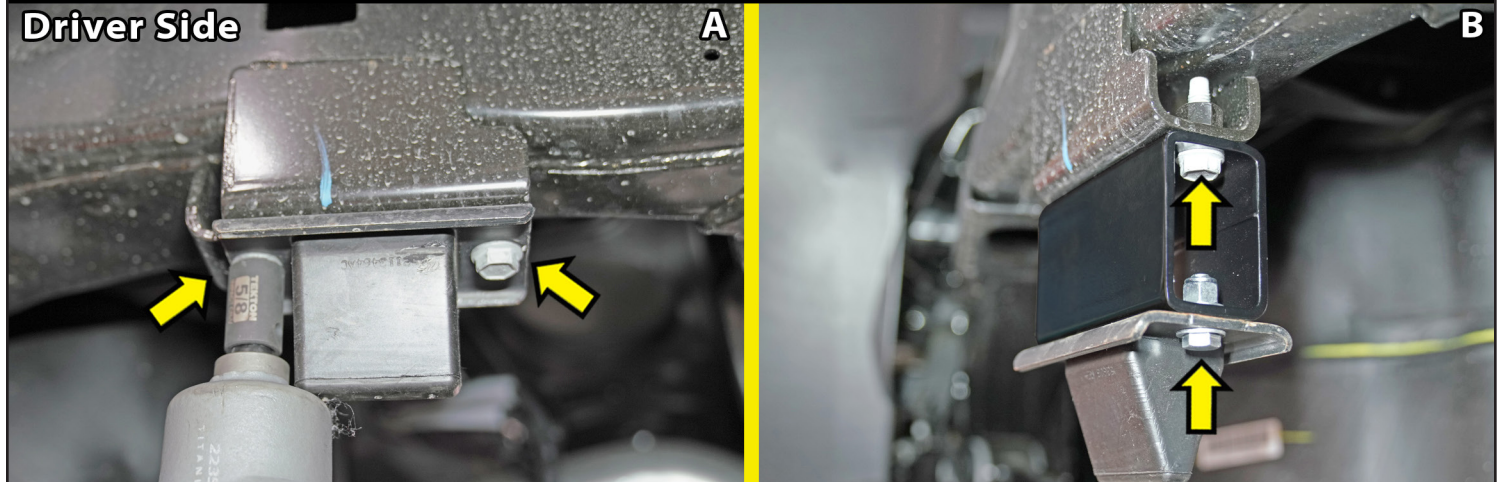
Locate the (2) SUPERLIFT Bump Stop Spacers - Rear: #55-09-4683.

Locate the SUPERLIFT hardware in Bag #77-4696D. Hardware PER Side: (2) 3/8" x 1" Bolts, Course Thread, Grade 8, (4) 3/8" SAE Flat Washer & (2) 3/8" Nyloc Nuts, Course Thread, Grade 5

☐☐ [Illustration 29-A] Remove the factory bump stops from the frame. [16mm]

☐☐ [Illustration 29-B] Position the #55-09-468 bump stop spacer on the frame in the factory location and secure using the factory hardware. Tighten. [16mm] (45)

Insert a 3/8" SAE Flat Washer onto a 3/8" x 1" Bolt. Align the factory bump stop on the new bracket. Going from bottom-to-top, run the 3/8" bolt/washer up through the factory bump stop and spacer. Secure with 3/8" SAE Flat Washer and 3/8" Nyloc Nut. Tighten. [9/16"] (35).

**Illustration 29****Install Rear Bump Stop Spacers...****35. INSTALL REAR SHOCK RELOCATION BRACKETS...**

Locate the (2) SUPERLIFT Shock Relocation Brackets - Rear: #55-16-4683.

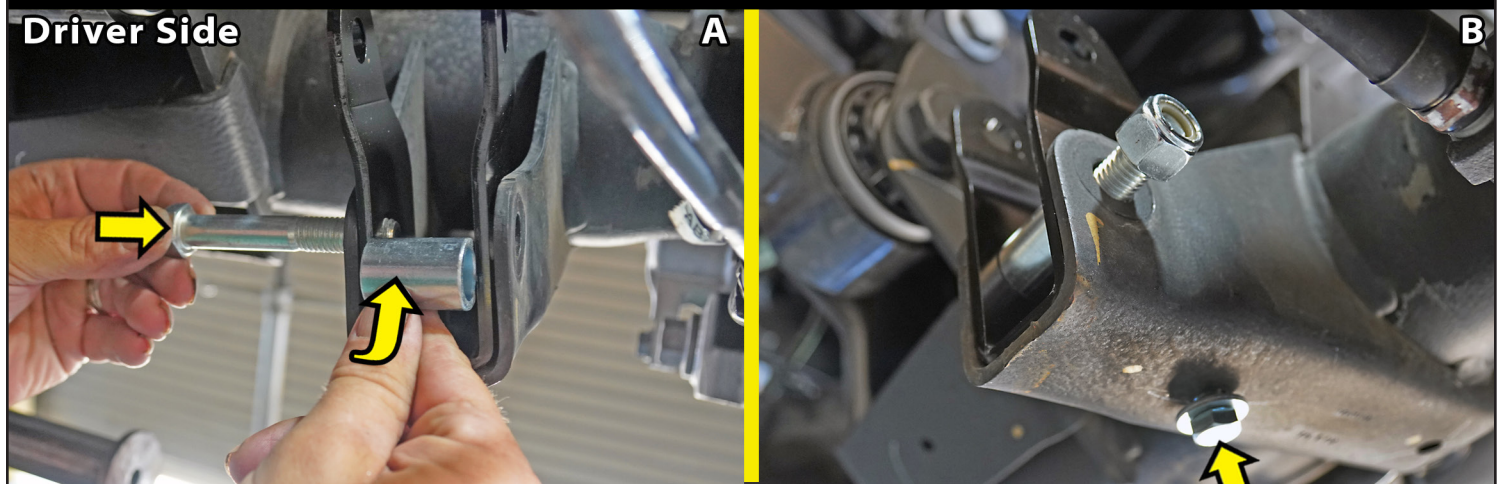
Locate the SUPERLIFT hardware in Bag #77-4696A. Hardware PER Side: (1) 3/8" x 1" Bolt, Course Thread, Grade 8, (1) 3/8" SAE Flat Washer, (1) 3/8" Nyloc Nut, Course Thread, Grade 5, (1) 9/16" x 3" Bolt, Course Thread, Grade 8, (1) 9/16" SAE Flat Washer & (1) 9/16" Nyloc Nut, Course Thread, Grade 5.

Locate the SUPERLIFT hardware in Bag #77-4696C. Hardware PER Side: (1) #05-4682 Sleeve, 0.875" x 0.635" x 1.240"

**[Illustration 30-A]** Place the narrow end of new shock relocation bracket #55-16-4683 inside of the factory lower shock mount. Place a 9/16" SAE Flat Washer onto a 9/16" x 3" Bolt. Insert the 9/16" bolt/washer through the factory bracket. Place the 05-4682 Sleeve inside the bracket and insert the bolt through the bracket and frame mount. Attach with 9/16" Nyloc Nut. [13/16" bolt \ 7/8" nut] Tighten. (95)

**[Illustration 30-B]** Place a 3/8" SAE Flat Washer onto a 3/8" x 1" Bolt. At the bottom of the factory shock mount, run the 3/8" bolt/washer up through the bracket and frame mount. Attach with 3/8" Nyloc Nut. [9/16"] Tighten (30).

Raise the axle and attach the shock absorber to the shock relocation bracket. Secure with factory bolt & nut. [21mm] Tighten (110).

**Illustration 30****Install Rear Shock Relocation Brackets...**

**36. RECONNECT VENT TUBE & BRAKE LINE BRACKET...**

[Illustration 31-A] Reconnect the vent hose to the frame on the driver side.

[Illustration 31-B] Re-attach the brake line bracket to the axle differential. [13mm]

**Illustration 31****Reconnect Vent Tube & Brake Line Bracket...****37. REAR TIRES / WHEELS...**

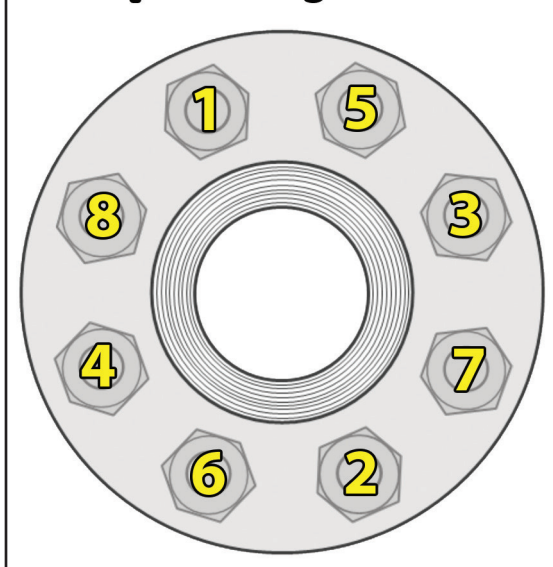
[Illustration 32] Install the rear tires & wheels. [Lug Nuts 22mm] (140) Lower the vehicle to the ground.

[Illustration 33] **TECH TIP** IF installing aftermarket wheels, remove the copper push clip on the lug. This clip can cause some wheels to not seat properly/flat and cause a vibration.

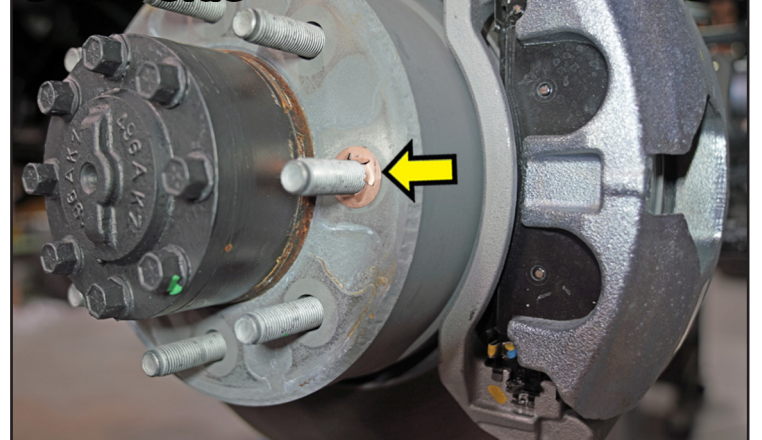
**WARNING:** When the tires / wheels are installed, always check for and remove any corrosion, dirt, or foreign material on the wheel mounting surface, or anything that contacts the wheel mounting surface (hub, rotor, etc.). Installing wheels without the proper metal-to-metal contact at the wheel mounting surfaces can cause the lug nuts to loosen and the wheel to come off while the vehicle is in motion.

**Illustration 32****Lug Nut Torque Sequence...**

**Follow the Sequence Below to Torque the Lug Nuts**

**Illustration 33****Remove Copper Push Clip...**

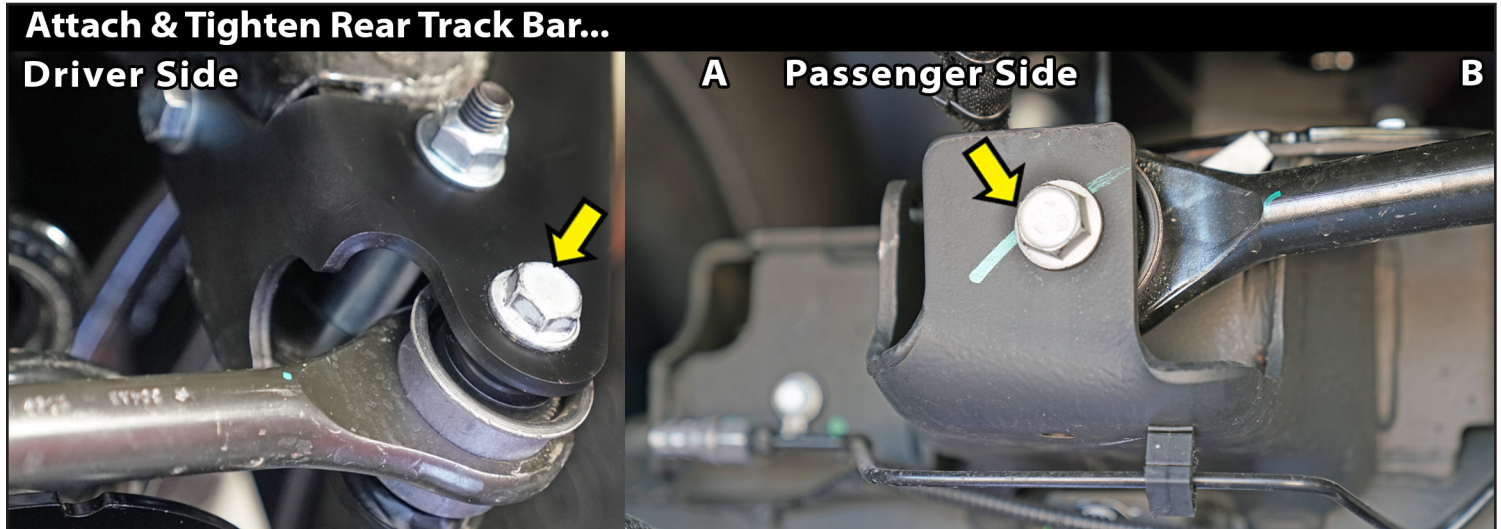
**Driver Side**



**38. ATTACH & TIGHTEN REAR TRACK BAR...**

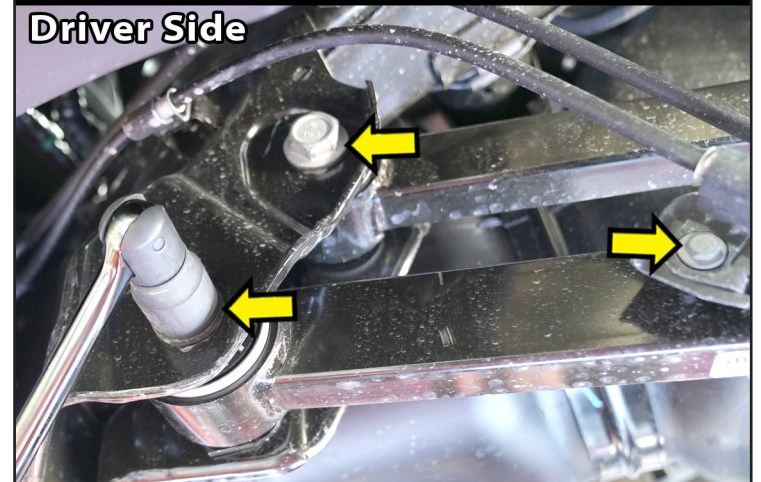
☐ **[Illustration 34-A]** Attach the rear track bar to the new mounting bracket. Place a 14mm SAE Washer onto a 14mm x 110mm Bolt. Run the 14mm bolt/washer from front-to-rear through the bracket and frame mount. Secure with 14mm SAE Washer and 14mm Stover Nut. [21mm] Tighten. (131)

☐ **[Illustration 34-B]** Tighten track bar at the driver side axle mount. [21mm] Tighten. (130)

**Illustration 34****39. TIGHTEN UPPER & LOWER REAR LINKS & E-CABLE...**

☐☐ **[Illustration 35-A]** Tighten the upper and lower link arms at the frame and the axle. [30mm] (405)

☐ On the driver side, reconnect the emergency brake cable bracket to the lower link arm with factory bolt. [13mm]

**Illustration 35****Tighten Upper & Lower Links & E-Cable...****40. INSTALL REAR SWAY BAR LINKS...**

Locate the (2) SUPERLIFT Sway Bar End Link - Rear: #55-14-3310. These are not side specific.

Locate the SUPERLIFT hardware in Bag #77-4696D. Hardware PER Side: (2) 12mm x 70mm Bolt, 1.75 Thread Pitch, (2) 1/2" SAE Flat Washer & (2) 12mm Nyloc Nut, 1.75 Pitch

Locate the SUPERLIFT hardware in Bag #77-4696C. Hardware PER Side: (2) #24-5704 - Sleeve, 0.750" x 0.500" x 1.535" & (2) 01-60418 - Polyurethane Bushing, 0.075 x 1.44"

☐☐ **[Illustration 36-A]** Lightly grease and install/press the # 01-60418 hourglass shaped bushing and 0.750" x 0.500" x 1.535" sleeve into each end of the #55-14-3310 sway bar link.

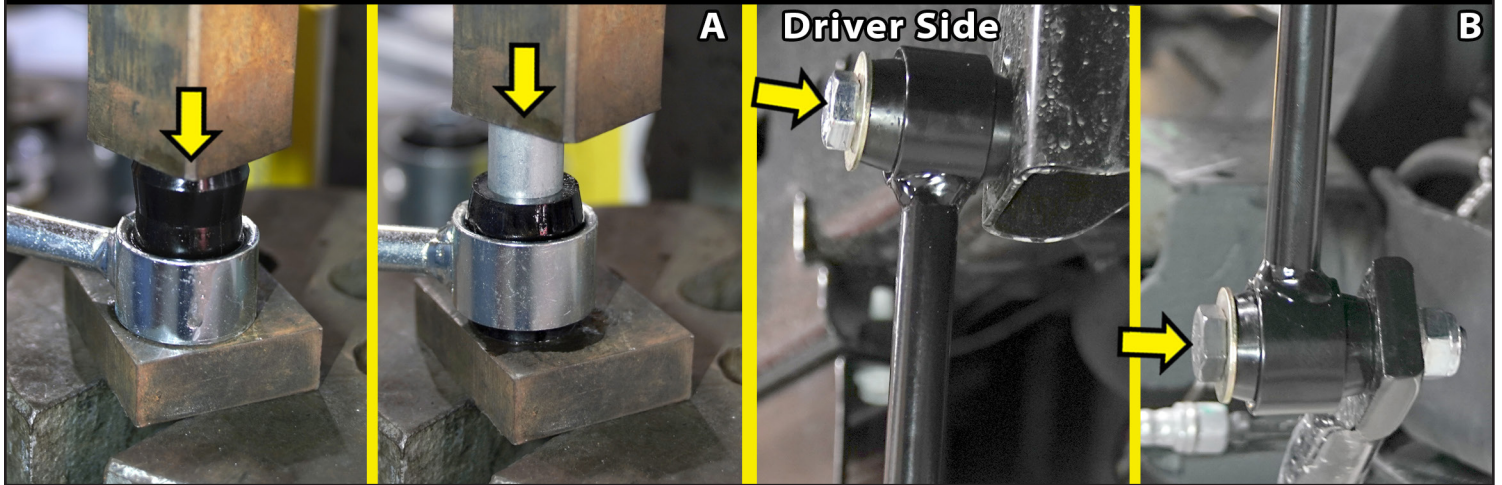
☐☐ **[Illustration 36-B]** Attach the sway bar link end to the frame at the factory mount. Place a 1/2" SAE Flat Washer onto a 12mm x 70mm Bolt. Run the bolt/washer from outside-to-inside through the link and frame mount. Secure with 1/2" SAE Flat Washer and 12mm Nyloc Nut. [18mm | 19mm] Tighten. (83)

Attach the sway bar link end to the sway bar. Place a 1/2" SAE Flat Washer onto a 12mm x 70mm Bolt. Run the

bolt/washer from outside-to-inside through the bar. Secure with 1/2" SAE Flat Washer and 12mm Nyloc Nut. [18mm | 19mm] Tighten. (83)

### Illustration 36

#### Install Rear Sway Bar Links...



### FINAL CHECKS

#### 41. CLEARANCE CHECK...

- Check all hardware for proper torque specifications.

With the vehicle on the ground, check all components for proper operation and clearances. Pay special attention to the clearance between the tires / wheels, brake hoses, wiring, etc. Check tire/wheel clearance with the fenders/bumper as well as with the steering knuckle. **⚠️ NOTE:** Depending on your choice of tire size and wheel width, it is not uncommon to trim the lower plastic valance of the bumper and inner fender shroud slightly to add proper tire clearance while turning.

#### 42. WHEEL ALIGNMENT...

- Realign vehicle to factory OEM specifications. It is necessary to have a proper and professional wheel alignment performed by a certified alignment technician. It is recommended that your vehicle alignment be checked after any off-road driving.

#### 43. HEADLIGHTS...

- Re-adjust headlights to proper setting. In addition to your vehicle alignment, for your safety and others, it is necessary to check and adjust your vehicle head lamps for proper aim and alignment.

#### 44. FOUR WHEEL DRIVE...

- Activate the four wheel drive system and check for proper engagement.

#### 45. SUPERLIFT WARNING DECAL...

- Install the **WARNING TO DRIVER** decal on the inside of the windshield, sun visor or on the dash, within Driver's view.

### IMPORTANT MAINTENANCE INFORMATION

**⚠️ WARNING:** It is the ultimate buyer's responsibility to have all bolts / nuts checked for tightness after the first 100 miles and then every 1000 miles. The steering, suspension and driveline systems, plus wheel alignment should be inspected by a qualified professional mechanic at least every 3000 miles.

**LIMITED LIFETIME WARRANTY / WARNINGS**

Your SUPERLIFT® product is covered by the Limited Warranty explained below that gives you specific legal rights. This limited warranty is the only warranty SUPERLIFT® makes in connection with your product purchase. SUPERLIFT® neither assumes nor authorizes any retailer or other person or entity to assume for it any other obligation or liability in connection with this product or limited warranty.

**SUPERLIFT, LLC, LIMITED LIFETIME WARRANTY**

What is covered? Subject to the terms below, SUPERLIFT® will repair or replace its products found defective in materials or workmanship for so long as the original purchaser owns the vehicle on which the product was originally installed. Your warranter is SUPERLIFT, LLC, doing business as SUPERLIFT® Suspension Systems ("SUPERLIFT®").

What is not covered? Your SUPERLIFT® Limited Warranty does not cover products SUPERLIFT® determines to have been damaged by or subjected to:

- Alteration, modification or failure to maintain.
- Normal wear and tear (bushings, rod ends, etc.). Scratches or defects in product finishes (powder coating, plating, etc.).
- Damage to, or resulting from, the vehicle's electronic stability system, related components or other vehicle systems.
- Racing or other vehicle competitions or contests. Accidents, impact by rocks, trees, obstacles or other aspects of the environment.
- Theft, vandalism or other intentional damage.

If a replacement part is needed before the SUPERLIFT® part in question can be returned, you must first purchase the replacement part. Then, if the part in question is deemed warrant-able, you will be credited / refunded.

**OTHER LIMITATIONS - EXCLUSION OF DAMAGES - YOUR RIGHTS UNDER STATE LAW**

- Neither SUPERLIFT® nor your independent SUPERLIFT® dealer are responsible for any time loss, rental costs, or for any incidental, consequential or other damages you may have.
- This Limited Warranty gives you specific rights, and this is the only warranty SUPERLIFT® makes in connection with your product purchase. You may also have other rights that vary from state to state. For example, while all implied warranties are disclaimed herein, any implied warranty required by law is limited to the terms of our Limited Lifetime Warranty as described above. Some states do not allow limitations of how long an implied warranty lasts and / or do not allow the exclusion or limitation of incidental or consequential damages, so the limitations and exclusions herein may not apply to you. SUPERLIFT® neither assumes nor authorizes any retailer or other person or entity to assume for it any other obligation or liability in connection with this product or Limited Warranty.

**IMPORTANT PRODUCT USE AND SAFETY INFORMATION / WARNINGS**

**⚠️ WARNING:** As a general rule, the taller a vehicle is, the easier it will roll over. Offset, as much as possible, what is lost in rollover resistance by increasing tire track width. In other words, go "wide" as you go "tall"; always use as wide a tire and wheel combination as feasible to enhance vehicle stability. We strongly recommend, because of rollover possibility, that the vehicle be equipped with a functional roll bar and cage system. Seat belts and shoulder harnesses should be worn at all times. Avoid situations where a side rollover may occur.

Generally, braking performance and capabilities are decreased when significantly larger / heavier tires and

wheels are used. Take this into consideration while driving. Also, changing axle gear ratios or using tires that are taller or shorter than factory height will cause an erroneous speedometer reading. On vehicles equipped with an electronic speedometer, the speed signal impacts other important functions as well. Speedometer recalibration for both mechanical and electronic types is highly recommended.

Do not add, alter, or fabricate any factory or aftermarket parts to increase vehicle height over the intended height of the SUPERLIFT® product purchased. Mixing component brands is not recommended.

**WE WANT TO SEE YOUR RIDE...**

Grab photos of your SUPERLIFT Equipped truck in various poses and in action.

**THANKS For Choosing SUPERLIFT...**

For questions, technical support and warranty issues relating to this SUPERLIFT products, please contact SUPERLIFT directly.