



SUPERLIFT®

S U S P E N S I O N

SUPERLIFT® 4" Lift Kit for 2014 RAM 2500 INSTALLATION INSTRUCTIONS

INTRODUCTION

Installation requires a professional mechanic. The overall vehicle must be in excellent working condition; repair or replace all worn parts.

Read instructions several times before starting. Be sure you have all needed parts and know where they install. Read each step completely as you go.

NOTES:

- Prior to beginning the installation, check all parts and hardware in the box with the parts list below. 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.
- Front end alignment is necessary.
- An arrow on diagrams indicates which direction is toward the front of the vehicle.
- A foot-pound torque reading is given in parenthesis () after each appropriate fastener.
- Do not fabricate any components to gain additional suspension height.
- Prior to drilling or cutting, check behind the surface being worked on for any wires, lines, or hoses that could be damaged.
- After drilling, file smooth any burrs and sharp edges.
- Prior to attaching components, be sure all mating surfaces are free of grit, grease, excessive undercoating, etc.
- A factory service manual should be on hand for reference.
- 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 and one is for the passenger side. Unless otherwise noted, always start with the driver side.

PARTS LIST ... The part number is stamped into each part or printed on an adhesive label. Identify each part and place the appropriate mounting hardware with it.

Kit Part Number K125		
Part Number	Qty.	Description
240	1	coil spring kit, front
4685	1	radius arms
4687	2	kit box, rear
4691	2	kit box, front
OR		
Kit Part Number K125B		
Part Number	Qty.	Description
240	1	coil spring kit, front
4685	1	radius arms
4687	2	kit box, rear
4691B	2	kit box, front

Kit Part Number 240			Kit Part Number 77-4683B		
Part Number	Qty.	Description	Part Number	Qty.	Description
01-240	2	coil spring, front	12SW	1	1/2" SAE washer
			12X114C5CS	1	1/2" x 1-1/4" coarse thread bolt
Kit Part Number 4685			14MFW	2	14mm flat washer
			14MLN	1	14mm stover nut
			14MX2X110CS	1	14mm x 110mm bolt
55-21-4683	1	radius arm, driver	38C5NN	12	3/8" Nyloc nut
55-22-4683	1	radius arm, passenger	38SW	20	3/8" SAE washer
			38X1C5CS	8	3/8" x 1" coarse thread bolt
			38X114C5CS	4	3/8" x 1-1/4" coarse thread bolt
			516C5NN	2	5/16" Nyloc nut
Kit Part Number 4687			516SW	4	5/16" SAE washer
			516X34C5CS	2	5/16" x 3/4" coarse thread bolt
55-06-4683	1	brakeline bracket, rear	716C5NN	2	7/16" Nyloc nut
55-09-4683	2	bump stop bracket, rear	716SW	3	7/16" SAE washer
55-10-4683	2	sway bar bracket, rear	716C8SN	1	7/16" stover nut
55-25-4683	2	coil spring spacer, rear	716X1C5CS	2	7/16" x 1" coarse thread bolt
55-16-4683	2	shock relocation bracket, rear	716X4C5CS	1	7/16" x 4" coarse thread bolt
55-17-4683	1	track bar bracket, rear	916SW	2	9/16" SAE washer
77-4683B	1	hardware bag, rear	916C8SN	2	9/16" stover nut
77-4683D	1	hardware bag, rear sl	916X3C5CS	2	9/16" x 3" coarse thread bolt
Kit Part Number 4691			Kit Part Number 77-4683D		
Part Number	Qty.	Description	Part Number	Qty.	Description
55-01-4683	1	track bar, front	08-4683	2	rear track bar sleeve
01-4620	2	poly bump stop, front	55-12-4540	1	rear track bar tab nut
55-12-4683	1	sway bar bracket, passenger's side	05-4682	2	shock bracket sleeve
55-13-4683	1	sway bar bracket, driver's side			
55-23-4683	1	brake line bracket, driver's side front	Kit Part Number 77-4684A		
55-24-4683	1	brake line bracket, passenger's side front			
01-4012	1	pitman arm			
01-88510	2	shock cylinder, front	Part Number	Qty.	Description
01-88520	2	shock cylinder, rear	12C8SN	1	1/2" stover nut
77-4684A	1	hardware bag	12SW	4	1/2" SAE washer
77-4684D	1	hardware bag, shocks	12X134C5CS	1	1/2" x 1-3/4" coarse thread bolt
88-4691	1	instruction bag	14C5NN	3	1/4" SAE washer
OR			14SW	3	1/4" Nyloc nut
Kit Part Number 4691			14X1C5CS	1	1/4" x 1" coarse thread bolt
			14X34C5CS	2	1/4" x 3/4" coarse thread bolt
Part Number	Qty.	Description	18MFW	2	18mm flat washer
55-01-4683	1	track bar, front	18MLN	1	18mm stover nut
01-4620	2	poly bump stop, front	18MX2.5X80CS	1	18mm x 80mm bolt
55-12-4683	1	sway bar bracket, passenger's side	716C5NN	4	7/16" Nyloc nut
55-13-4683	1	sway bar bracket, driver's side	716SW	4	7/16" SAE washer
55-23-4683	1	brake line bracket, driver's side front	716X114C5CS	4	7/16" x 1-1/4" coarse thread bolt
55-24-4683	1	brake line bracket, passenger's side front			
01-4012	1	pitman arm	Kit Part Number 88-4691		
BE5-6646-H5	4	shock cylinder, ss front and rear			
77-4684A	1	hardware bag	Part Number	Qty.	Description
88-4691	1	instruction bag	0034	2	badge
			00461	1	warning to driver decal
Kit Part Number 77-4684D			0046	1	decal, superide shock
			0047	1	decal, superide shock ss
Part Number	Qty.	Description	Form#4691	1	instruction form
02-2210	4	shock eye sleeve			
142731	4	shock stem bushing and washer pack			
01-60419	4	shock eye bushing			
			ITEMS HIGHLIGHTED IN GREY ARE NOT USED IN THIS KIT.		

Step	Part Number	Qty. per Kit	Description	Qty. per Bracket	New Attaching Hardware	Hardware Bag Number
5	55-01-4683	1	track bar bracket, front	1	18mm x 80mm bolt	77-4684A
				2	18mm flat washer	
				1	18mm stover nut	
				1	1/2" x 1-3/4" coarse thread bolt	
				1	1/2" stover nut	
				1	1/2" SAE washer	
6	55-21-4683	1	radius arm, driver			
6	55-22-4683	1	radius arm, passenger			
7	01-4620	2	polyurethane bump stop, front			
8	01-88510	2	shock cylinder, front	1	shock eye sleeve	77-4684D
				1	shock eye bushing	
				1	shock stem bushing and washer pack	
9	01-240	2	coil spring, front			
10	01-4012	1	pitman arm			
10	55-12-4683	1	sway bar drop bracket, front passenger	2	7/16" x 1-1/4" coarse thread bolt	77-4684A
				2	7/16" SAE washer	
				2	7/16" Nyloc nut	
10	55-13-4683	1	sway bar drop bracket, front driver	2	7/16" x 1-1/4" coarse thread bolt	77-4684A
				2	7/16" SAE washer	
				2	7/16" Nyloc nut	
11	55-23-4683	1	brake line bracket, front driver	1	1/4" x 3/4" coarse thread bolt	77-4684A
				1	1/4" SAE washer	
				1	1/4" Nyloc nut	
11	55-24-4683	1	brake line bracket, front passenger	1	1/4" x 1" coarse thread bolt	77-4684A
				1	1/4" x 3/4" coarse thread bolt	
				2	1/4" SAE washer	
				2	1/4" Nyloc nut	
19	55-25-4683	2	coil spring spacer, rear	2	3/8" x 1-1/4" coarse thread bolt	77-4683B
				4	3/8" SAE washer	
				2	3/8" Nyloc nut	
20	55-10-4683	2	sway bar bracket, rear	1	3/8" x 1" coarse thread bolt	77-4683B
				1	3/8" SAE washer	
				1	3/8" Nyloc nut	
				1	7/16" x 1" coarse thread bolt	
				1	7/16" SAE washer	
				1	7/16" Nyloc nut	
21	01-88520	2	shock cylinder, rear	1	shock eye sleeve	77-4684D
				1	shock eye bushing	
				1	shock stem bushing and washer pack	
22	55-09-4683	2	bump stop bracket, rear	2	3/8" x 1" coarse thread bolt	77-4683B
				4	3/8" SAE washer	
				2	3/8" Nyloc nut	
23	55-17-4683	1	track bar bracket, rear	2	08-4683 sleeve	77-4683D
				1	55-12-4540 tab nut	77-4683B
				1	14mm x 110mm bolt	
				2	14mm flat washer	
				1	14mm stover nut	
				1	1/2" x 1-1/4" coarse thread bolt	
				1	1/2" SAE washer	
				1	7/16" x 4" coarse thread bolt	
				1	7/16" SAE washer	
				1	7/16" stover nut	
24	55-06-4683	1	brakeline bracket, rear	2	5/16" x 3/4" coarse thread bolt	77-4683B
				4	5/16" SAE washer	
				2	5/16" Nyloc nut	

FRONT DISASSEMBLY

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

1) PREPARE VEHICLE...

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

2) ANTI-SWAY BAR BODY, TRACK BAR, DRAG LINK and PITMAN ARM...

☐ Disconnect the anti-sway bar body from the frame and axle.

☐ Disconnect the track bar from the frame and loosen at the axle.

☐ Disconnect the drag link at the pitman arm.

☐ Note the orientation of the pitman arm in relation to the steering sector, then remove the nut securing the pitman arm to the steering sector shaft. Using the appropriate puller tool, detach the pitman arm from the sector shaft.

3) BRAKE LINE BRACKET, DRIVESHAFT and SHOCK ABSORBERS...

☐ Remove the brake line bracket from its attachment point on the frame

☐ Disconnect the driveshaft at the axle.

☐ Remove the shock absorbers and discard.

4) VENT HOSE and COIL SPRINGS....

☐ Disconnect the 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 isolator and remove. Discard coil springs.

FRONT ASSEMBLY

5) TRACK BAR BRACKET...

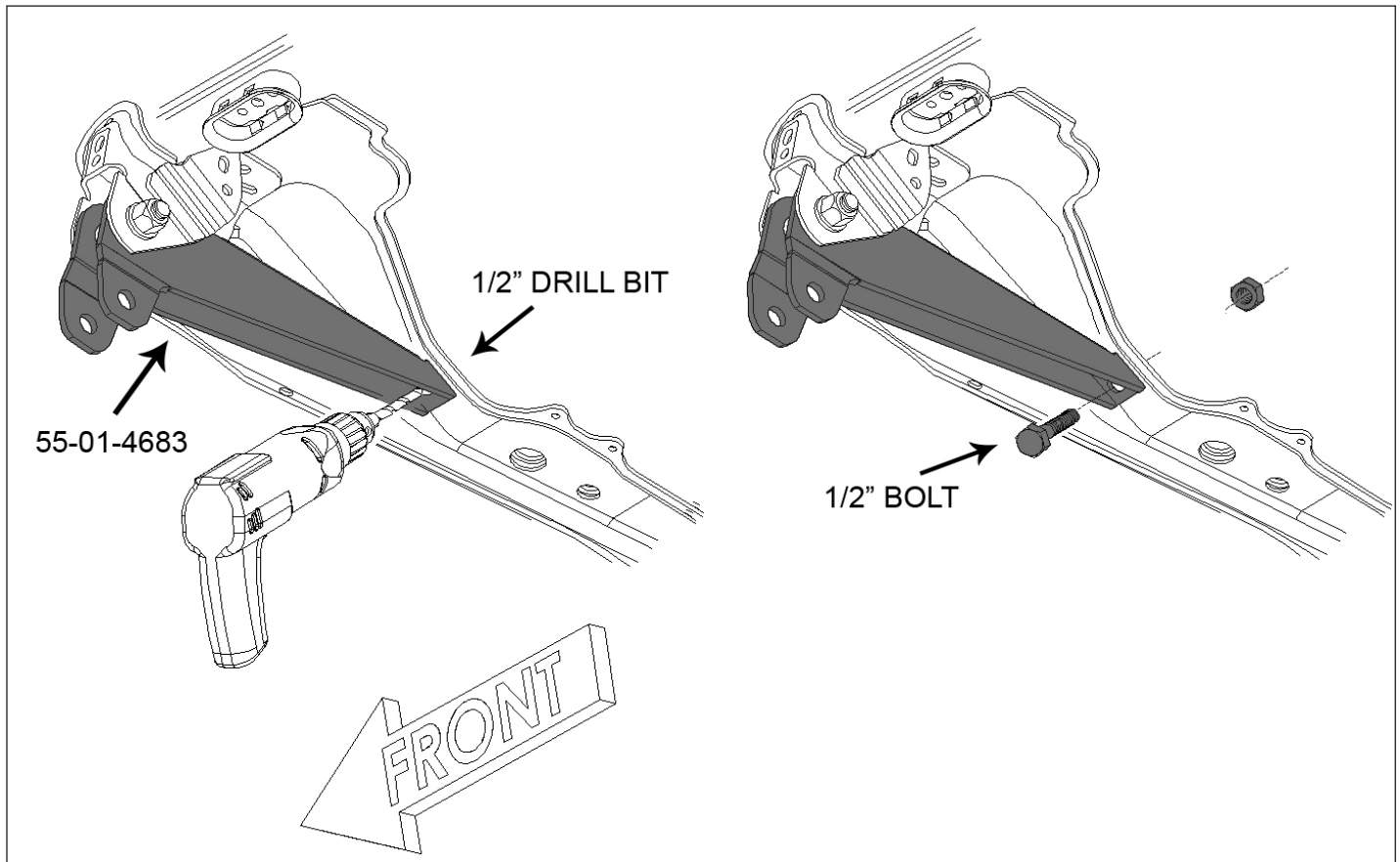
☐ [Illustration 1] Position the new track bar bracket (55-01-4683) inside the factory bracket. Holding the new bracket tightly against the frame crossmember, insert the factory bolt and hardware. Tighten (170).

☐ Using the new bracket as a guide, drill a 1/2" hole through the frame crossmember. **Extra care must be taken to not drill into the oil pan. Place a block of wood or steel plate on top of the crossmember to help protect the oil pan when drilling.**

☐ Once the hole has been drilled. Position the step washer (55-20-4683) on top of the frame crossmember. Install the supplied 1/2" bolt through the new bracket, crossmember, step washer, and Stover nut. Tighten (65).

- ☐ Do not install the track bar at this time.

Illustration 1



6) RADIUS ARMS...

- ☐ Start on the driver's side, place the jack under the passenger side arm and remove the driver's side radius arm bolts at the frame.
- ☐ Remove the top and lower bolts at the axle. Remove the arm and discard; retain hardware.
- ☐ Position the new radius arm (55-21-4683) in place and secure with the factory hardware. Snug but do not tighten axle hardware.
- ☐ Move to the passenger side, remove the jack.
- ☐ Remove the top and lower bolts at the axle. Remove the arm and discard; retain hardware.
- ☐ Position the new radius arm (55-22-4683) in place and secure with the factory hardware. Snug but do not tighten axle hardware.

7) REPLACEMENT BUMP STOPS...

- ☐ 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.

8) SHOCK ABSORBERS...

- ☐ ☐ Install the supplied bushings and sleeves into the shock cylinders (01-88510).
- ☐ ☐ Install the shocks into the upper mount on the vehicle using the supplied upper stem bushing and washer pack; the lower mount will be attached in a later step.

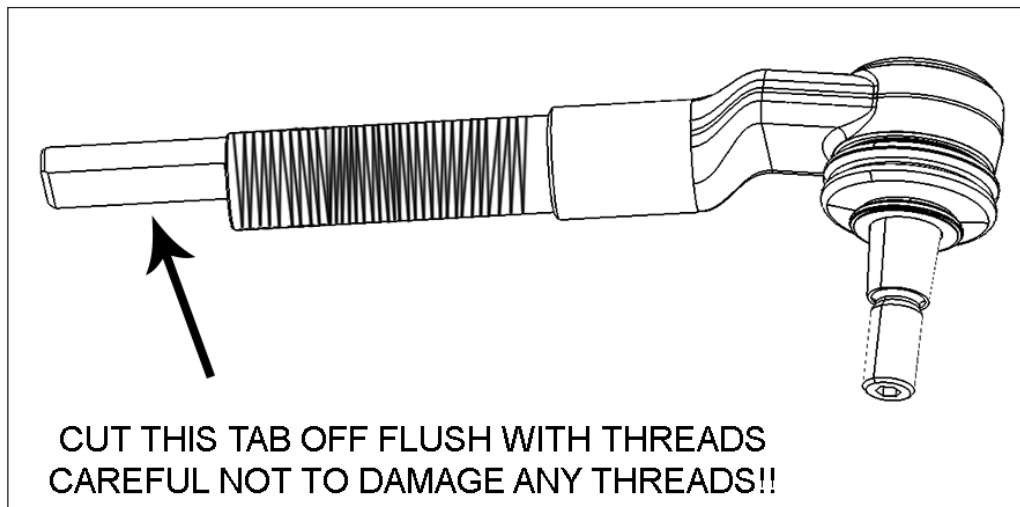
9) COIL SPRINGS...

- ☐ ☐ Place the coil spring isolator on the new springs (01-240) and insert coil springs.
- ☐ ☐ Raise the axle and attach the shock absorber to the lower mount with the factory hardware. Tighten (110).

10) DRIVESHAFT, ANTI-SWAY BAR BODY, PITMAN ARM and DRAG LINK...

- ☐ ☐ Reattach the driveshaft, tighten (45).
- ☐ ☐ Install the anti-sway bar body drop brackets on the frame (55-12-4683 passenger side and 55-13-4683 driver side) using the factory hardware (50). Reattach the anti-sway bar body to the new brackets using the supplied 7/16" x 1-1/4" bolts, washers, and Nyloc nuts; tighten (50).
- ☐ ☐ Align the indexing splines of the new pitman arm with the steering sector shaft then secure using the factory hardware. Tighten (117).
- ☐ [Illustration 2] 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.
- ☐ ☐ Once the tab has been trimmed, thread the drag link back into the adjuster to the previous location and install into the pitman arm. (65)

Illustration 2



11) BRAKE LINE BRACKET...

- ☐ [Illustration 3] Install the new driver's side brake line bracket (55-23-4683) to the frame using the factory hardware. Tighten (9). VERY CAREFULLY reform the brake line to fit into the new bracket. DO NOT KINK THE LINE. Attach factory brake line bracket to the new bracket using supplied 1/4" x

3/4" bolt, washer and Nyloc nut. Tighten (8)

□ [Illustration 4] Install new passenger's side brake line bracket (55-24-4683) to the frame using supplied 1/4" x 1" bolt, washer, and Nyloc not. Tighten (8). CAREFULLY extend factory brake line down allowing factory bracket to attach to the new bracket. Tighten (8).

Illustration 3

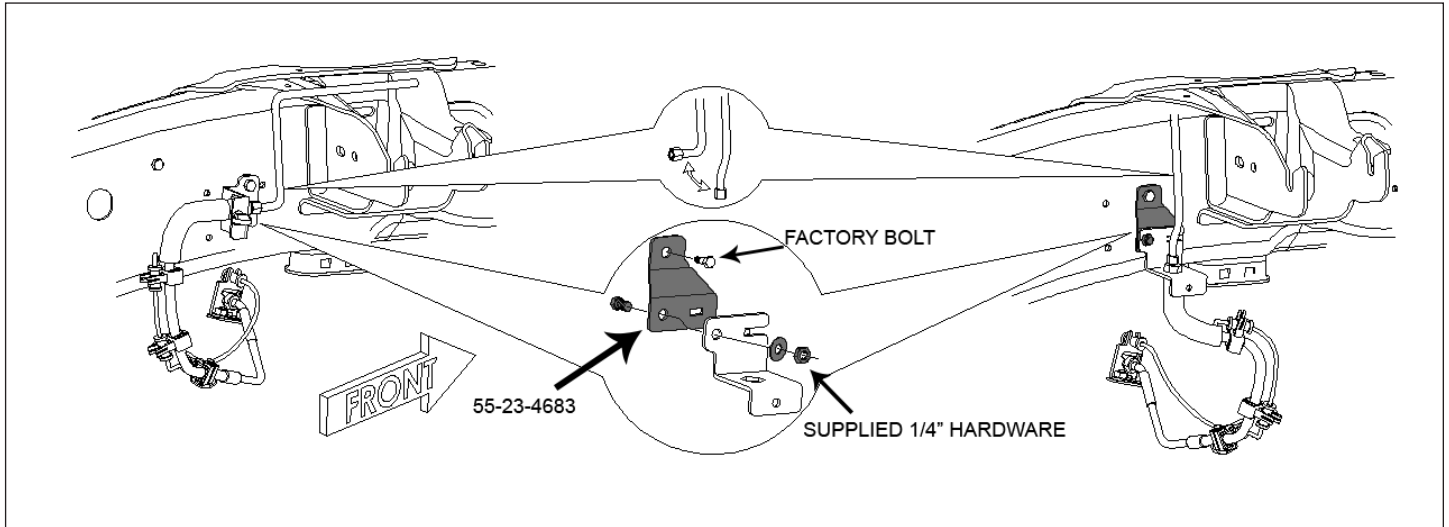
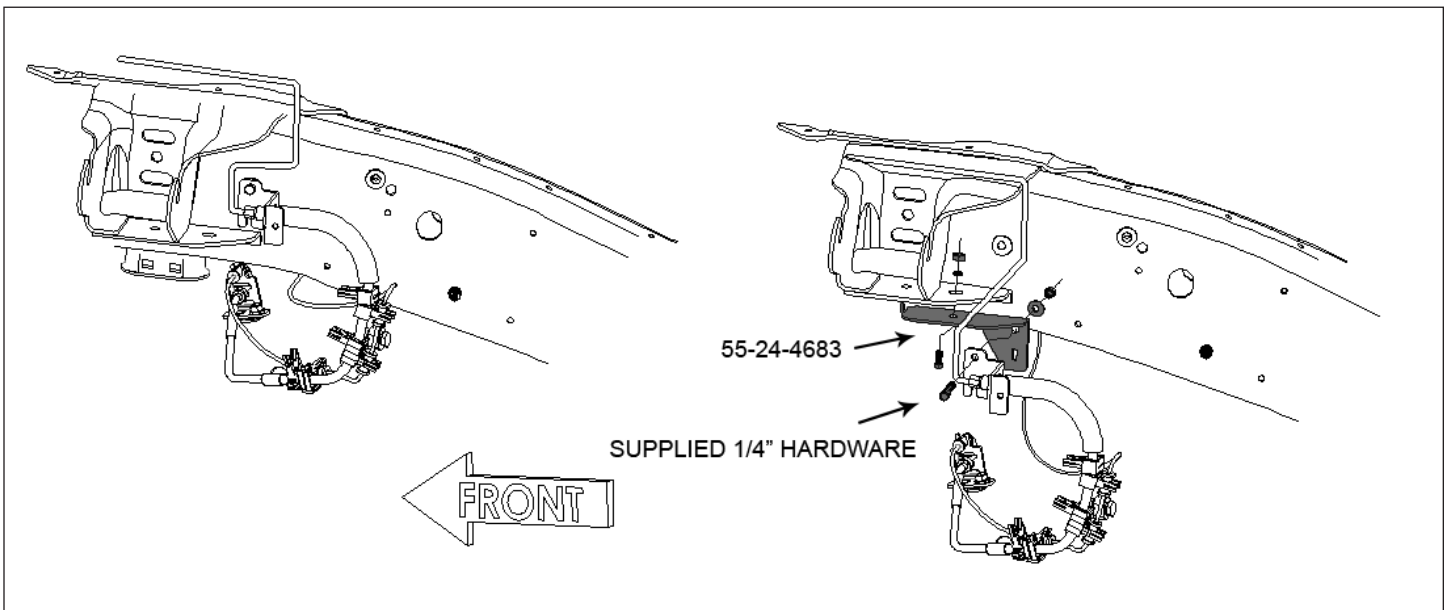


Illustration 4



12) TIRES / WHEELS...

□ [Illustration 5] Reinstall the tires and wheels. Tighten the lug nuts (95) in the sequence shown.

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.

WARNING: Retighten lug nuts at 500 miles after any wheel change, or anytime the lug nuts are loosened. Failure to do so could cause wheels to come off while vehicle is in motion.

13) INITIAL CLEARANCE CHECK...

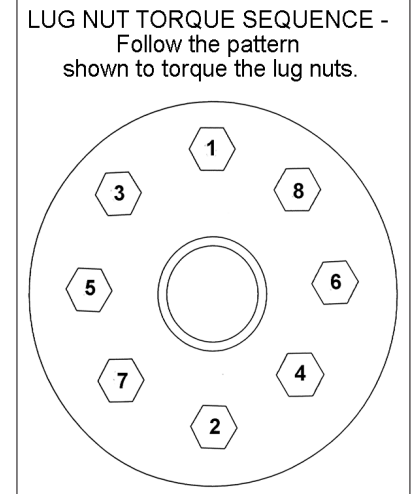
☐ With the vehicle still on jack stands, and the suspension “hanging” at full extension travel, check all components for proper operation and clearances. Pay special attention to clearance between the tires / wheels and brake hoses, driveshaft, etc.

☐ Lower vehicle to the floor.

14) FRONT TRACK BAR and RADIUS ARMS...

☐ Reattach the front track bar to the new bracket using the supplied 18mm bolt, washers, and Stover nut. Tighten (170).

☐ Tighten all radius arm bolts (250).

**REAR DISASSEMBLY****15) 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.

16) ANTI-SWAY BAR LINKS and TRACK BAR...

☐ Disconnect the anti-sway bar links from the frame.

☐ Unbolt the brake line bracket at the axle.

☐ Unclip the vent hose from the frame on the driver’s side.

☐ Unbolt the track bar from the frame and loosen at the axle.

17) EMERGENCY BRAKE LINE BRACKET and LINK ARMS...

☐ Remove the emergency brake cable bracket from the LCA and cable line. Discard bracket.

☐ Disconnect the emergency brake bracket from the frame.

☐ Loosen both the upper and lower link arms at the axle and the frame.

18) SHOCK ABSORBERS and COIL SPRINGS...

☐ Lower the axle with a jack and remove the factory coil springs. Remove spring isolator. Discard coil springs. Remove and discard shock absorbers; retain hardware.

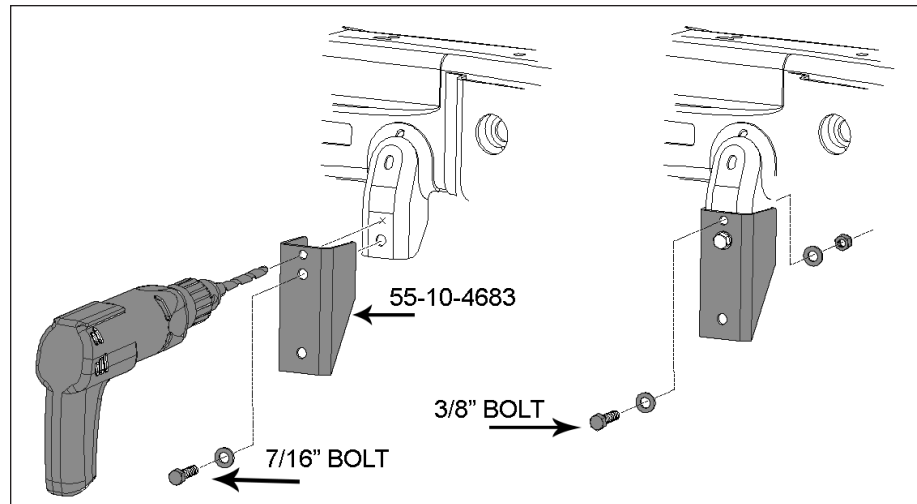
REAR ASSEMBLY**19) COIL SPRING SPACERS...**

☐ Place the new coil spring spacers (55-25-4683) on the axle coil seat. Align the holes in the new bracket with the ones in the axle seat. Secure using the supplied 3/8” bolts, washers, and Nyloc nuts. Tighten (30).

20) ANTI-SWAY BAR LINK DROP BRACKETS...

☐ [Illustration 9] Place the new anti-sway bar drop bracket (55-10-4683) over the factory bracket. Mark the location of the top hole in the new bracket on the frame and drill to 3/8".

☐ Secure using the supplied 3/8" bolt, washers, and Nyloc nut in the top hole and the supplied 7/16" bolt, washers, and Nyloc nut in the middle hole. Do not connect the anti-sway bar links at this time.

Illustration 9**21) SHOCK ABSORBERS..**

☐ Install the supplied bushings and sleeves into the shock cylinders (01-88520).

☐ Install the shocks into the upper mount on the vehicle using the supplied upper stem bushing and washer pack.

☐ Attach the shock absorber to the lower mount with the factory hardware. Tighten (110).

22) BUMP STOPS...

☐ Remove the factory bump stops from the frame.

☐ Position the new bump stop drop brackets (55-09-4683) on the frame in the factory location and secure using the factory hardware. Tighten (45).

☐ Place the factory bump stop on the new bracket and secure using the supplied 3/8" bolts, washers, and Nyloc nuts. Tighten (30).

23) TRACK BAR BRACKET...

☐ [Illustration 10] Measure 3/8" up from the bottom edge of the factory mount and cut straight cross both the front and back legs of the factory mount.

☐ Position the new track bar mounting bracket (55-17-4683) over the factory bracket as shown with the top tab on the outside. Insert the supplied 14mm bolt and 1/2" bolt to hold bracket in place. Using the bracket as a template mark the top hole. Remove bracket and drill marked hole to 7/16".

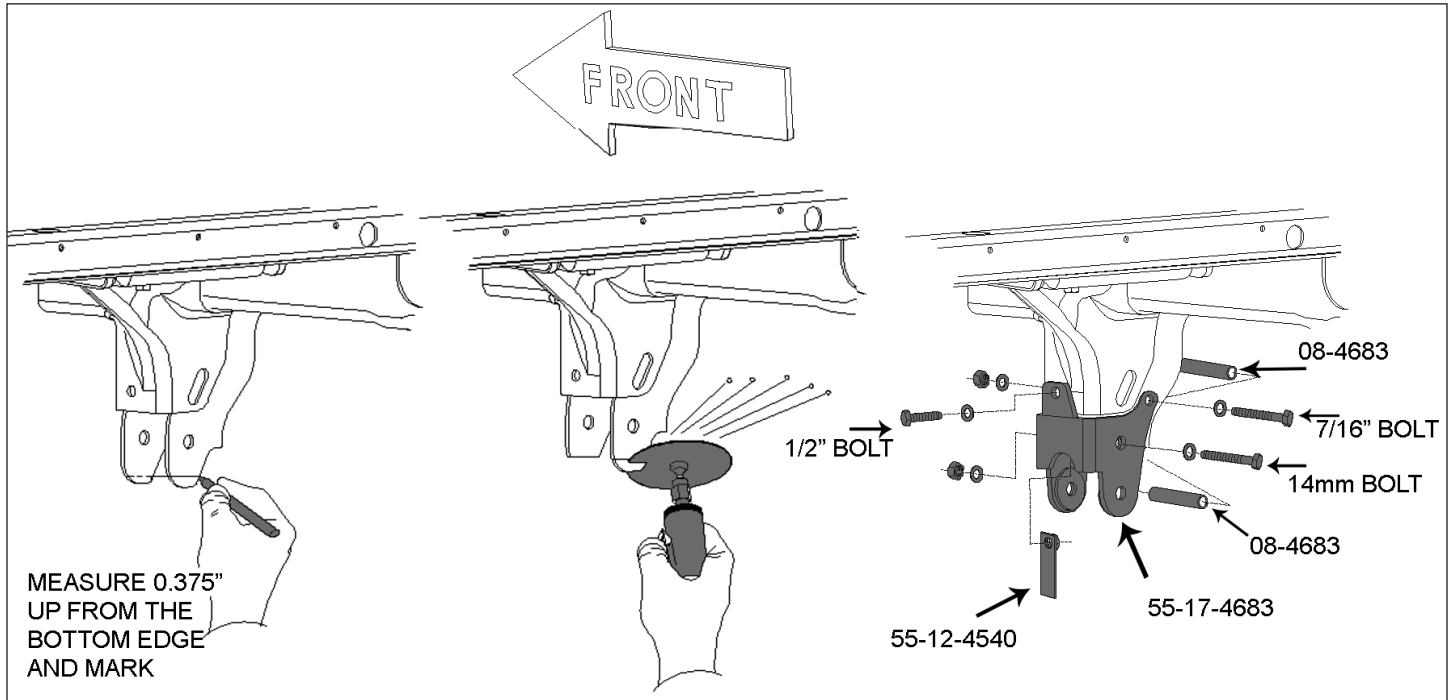
☐ Reposition the new track bar mounting (55-17-4683) over the factory bracket as shown with the

top tab on the inside. Insert the supplied sleeve (08-4683) inside the bracket, centered with the 14mm bolt hole. Install the supplied 14mm x 110mm bolt, washers, and stover nut. Tighten (115).

□ Install the second sleeve (08-4683) inside the bracket, centered with the 7/16" bolt hole. Install the supplied 7/16" x 4" bolt, washer, and stover nut. Tighten (50).

□ Insert with the supplied 1/2" bolt, washer, and tab nut (55-12-4540) through the top hole. Tighten (65).

Illustration 10



24) BRAKE LINE BRACKET...

□ Place the new brake line bracket (55-06-4683) over the factory brake line bracket mounting studs and secure with the factory hardware. Tighten (9).

□ Position the factory brake line bracket over the top holes in the new bracket and secure using the supplied 5/16" bolts, washers, and nuts. Tighten (17).

□ Reinstall the emergency brake bracket at the frame. Tighten (23).

25) TIRES / WHEELS...

□ [Illustration 5] Reinstall the tires and wheels. Tighten the lug nuts (95) in the sequence shown.

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.

WARNING: Retighten lug nuts at 500 miles after any wheel change, or anytime the lug nuts are loosened. Failure to do so could cause wheels to come off while vehicle is in motion.

26) CLEARANCE CHECK...

☐ With the vehicle still on jack stands, and the suspension “hanging” at full extension travel, check all components for proper operation and clearances. Pay special attention to the clearance between the tires / wheels and brake hoses, wiring, etc.

☐ Lower vehicle to the floor.

27) REAR TRACK BAR, ANTI-SWAY BAR LINKS, and LINK ARMS...

☐ Reattach the rear track bar to the new bracket using the factory hardware. Tighten (120).

☐ Tighten the upper and lower link arms at the frame and the axle. (405).

☐ Reattach the anti-sway bar links to the new brackets using the factory hardware. (55).

28) FOUR WHEEL DRIVE...

☐ Activate four wheel drive system and check front hubs for engagement.

29) HEADLIGHTS...

☐ Readjust headlights to proper setting.

30) SUPERLIFT WARNING DECAL...

☐ The WARNING TO DRIVER decal installs on the inside / top / center of the windshield frame, just below the windshield frame’s tie-down loop. Prior to installation, pre-clean the surface with the supplied alcohol cleaning pad.

31) SUPERLIFT BADGES...

☐ This kit is packaged with a Superlift badge. Prior to installation, use the supplied alcohol pad to eliminate all soap and or other non-adhering residues that may impair adhesion, thoroughly clean the entire area of placement.

☐ Remove the adhesive back and place small badge in the desired location. The adhesive on our badges is pressure sensitive and must be applied using pressure on all areas of the graphic. Like any PSA (pressure sensitive adhesive), it can take up to 72 hours for the adhesive to fully cure. Once the badge is in place do not peel it up, this will diminish the adhesive properties and could result in damaging the badge itself

☐ To keep your Superlift badge in “like new” appearance keep the badge free/clear of solvents and chemicals that could cause the adhesive to dry or dissolve. This includes gasoline, diesel fuel, paint thinner, and alcohol. Soap and water is all that is needed for cleaning. Degreasers can be used sparingly and hand wiped/applied if needed, although not suggested.