



## **C1257 Installation Instructions 2015 Chevy Colorado / GMC Canyon 2-3/4" Combo Kit**

### **Read and understand all instructions and warnings prior to installation of product and operation of vehicle.**

Zone Offroad Products recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known. Minimum tool requirements include the following: Assorted metric and standard wrenches, hammer, hydraulic floor jack and a set of jack stands. See the "Special Tools Required" section for additional tools needed to complete this installation properly and safely.

#### **» PRODUCT SAFETY WARNING**

Certain Zone Suspension Products are intended to improve off-road performance. Modifying your vehicle for off-road use may result in the vehicle handling differently than a factory equipped vehicle. Extreme care must be used to prevent loss of control or vehicle rollover. Failure to drive your modified vehicle safely may result in serious injury or death. Zone Offroad Products does not recommend the combined use of suspension lifts, body lifts, or other lifting devices.

You should never operate your modified vehicle under the influence of alcohol or drugs. Always drive your modified vehicle at reduced speeds to ensure your ability to control your vehicle under all driving conditions. Always wear your seat belt.

#### **Difficulty Level**

easy 1 **2** 3 4 5 difficult

Estimated installation: 5 hours

#### **Special Tools Required**

4.5" Cut off wheel

Torx socket set

Welder (req'd for 275 or 285 width tires)

#### **Tire/Wheel Fitment**

285/70R17 (32.7 x 11.2) or equiv.

With stock backspacing

#### **» PRE-INSTALLATION NOTES**

1. Special literature required: OE Service Manual for model/year of vehicle. Refer to manual for proper disassembly/reassembly procedures of OE and related components.
2. Adhere to recommendations when replacement fasteners, retainers and keepers are called out in the OE manual.
3. 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.
4. Post suspension system vehicles may experience drive line vibrations. Angles may require tuning, slider on shaft may require replacement, shafts may need to be lengthened or trued, and U-joints may need to be replaced.
5. Secure and properly block vehicle prior to installation of Zone Offroad Products. Always wear safety glasses when using power tools.
6. If installation is to be performed without a hoist, Zone Offroad Products recommends rear alterations first.
7. 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 attitude. Always measure the attitude prior to beginning installation.

## Kit Contents

**\*Important\*** Verify you have all of the kit components before beginning installation.

### STRUT SPACER CONTENTS

Qty	Part
2	Strut Spacer
2	Weld on Steering Stops
1	Bolt Pack
6	10mm Flange Nut

### BODY LIFT KIT CONTENTS

Qty	Part
8	3" Diameter body block
8	2" Diameter body block
2	Front Bumper Bracket
1	Lower Facia Bracket - Drv
1	Lower Facia Bracket - Pass
1	Rear Bumper Bracket - Drv
1	Rear Bumper Bracket - Pass

1	Parking Brake Bracket
1	Parking Step Spacer
1	Loctite
2	8-3/8 x 18 Zip Tie
1	Bolt Pack 284
8	14mm x 140mm bolt
8	12mm x 70mm bolt
8	9/16" SAE flat washer
8	1/2" SAE flat washer
1	Bolt Pack 285
2	3/8"-16 x 3/4" bolt
4	3/8"-16 x 1" bolt
14	3/8" SAE washer
6	3/8"-16 lock nut
2	10mm x 30mm flat head bolt
2	10mm x 30mm SHCS
1	7/16"-14 x 1" bolt
2	7/16" SAE washer
1	7/16"-14" lock nut
2	5/16"-18 x 1/2" self-tapping bolt

## Important—measure before starting!

Measure from the center of the wheel up to the bottom edge of the wheel opening

LF \_\_\_\_\_ RF \_\_\_\_\_

LR \_\_\_\_\_ RR \_\_\_\_\_

## STRUT SPACER INSTALLATION INSTRUCTIONS

### »» PRE-INSTALLATION

1. Park vehicle on clean and level surface. Block the rear wheels for safety.
2. Measure the ride height of the vehicle from the center of the wheel to the fender and record.
3. Raise the front of the vehicle with a hydraulic jack. Support the frame rails with jack stands.

### »» INSTALLATION INSTRUCTIONS

1. Remove the front wheels.
2. Remove the sway bar links from the vehicle. They are attached with a through bolt. Save all components for re-installation. **Figure 1**

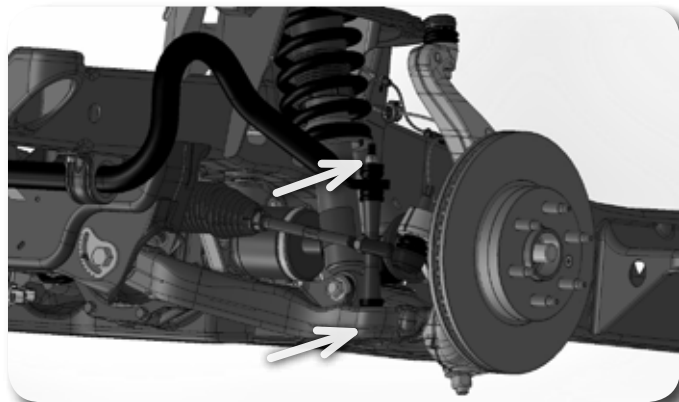


Figure 1

*Perform the following installation steps on one side at a time.*

3. Disconnect the brake line bracket from the strut tower and the ABS wire from the control arm mount to gain additional slack. **Figure 2**



Figure 2

4. Support the lower control arm with a hydraulic jack and remove the 3 upper nuts holding the top of the strut to the frame mount. **DO NOT** remove the center nut on the strut. Discard nuts, these will not be re-used. **Figure 3**

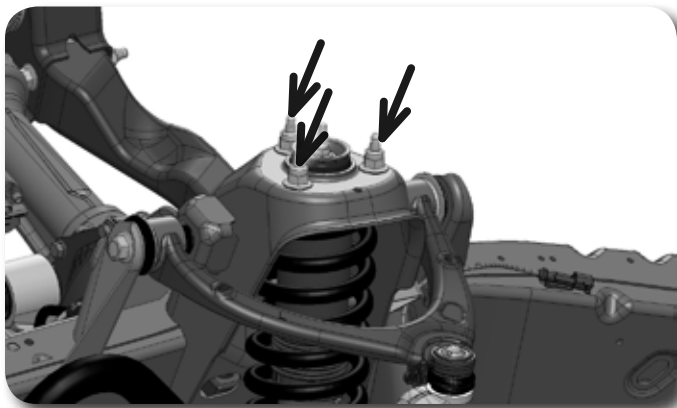


Figure 3

5. Remove the lower strut bolt. **Figure 4**

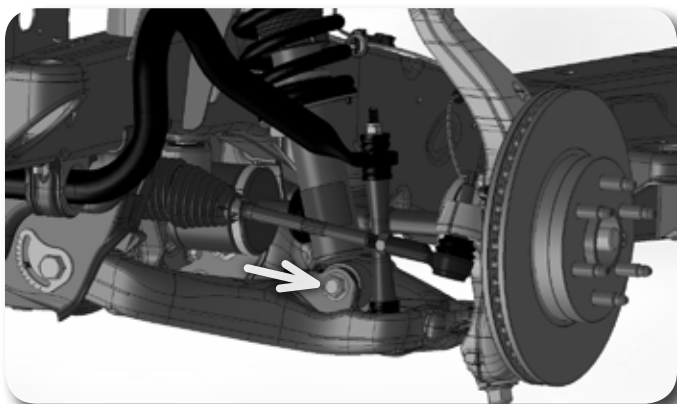


Figure 4

## Step 6 Note

Be prepared to support the knuckle once the upper ball joint is removed.

6. Remove the upper ball joint nut and thread it on until flush with the end of the ball joint. Gently strike the end of the ball joint to dislodge it from the knuckle, it typically does not take much force. Avoid hitting the aluminum knuckle. Disconnect the ball joint and allow the knuckle to swing rearward out of the way. **Figure 5**

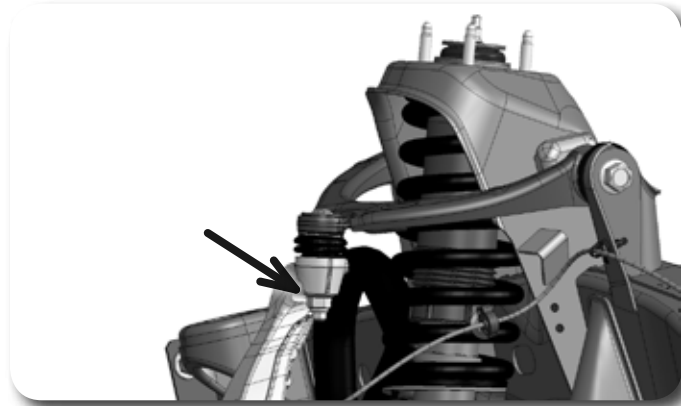


Figure 5

7. Using the jack, lower the control arm and knuckle enough to remove the strut.
8. Install the strut spacer onto the factory upper strut studs. **Figure 6**



Figure 6

9. Loosely re-install the strut with strut spacer to the frame with the provided 10mm locking flange nuts.
10. Raise the lower control arm and re-connect the upper ball joint to the knuckle. Re-install the lower strut bolt, but do not tighten. Torque the upper ball joint nut to 55 ft-lbs.
11. Torque the upper strut mount nuts to 45 ft-lbs.
12. Complete the strut spacer installation procedure on the other side.
13. Reattach the sway bar links to the sway bar and lower control arms and tighten until the bushings begin to swell.
14. Re-install the brake line brackets and ABS wire clips to the frame.

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## »» POST INSTALLATION

1. Install the tires and lower the vehicle to the ground, bounce the front end to settle the suspension.
2. Torque the lower strut bolt to 125 ft-lbs.
3. A front end alignment must now be performed to original equipment specifications.

## BODY LIFT INSTALLATION INSTRUCTIONS

1. Park the vehicle on a clean, flat surface and block the rear wheels for safety.
2. Disconnect the positive and negative battery cables.
3. Disconnect the clips holding the electric harness located behind the driver's side inner fender and above the front cab body mount to gain adequate slack.
4. Disconnect the ground wire located on the top of the frame rail near the front of the driver side inner fender well.
5. Make an indexing mark on the steering shaft and disconnect it to prevent binding during the body lift procedure. Ensure the steering wheel is not turned while disconnected.

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### » FRONT FASCIA DISASSEMBLY

6. Remove the bolts securing the front grill and fascia to the core support. See Figure 1

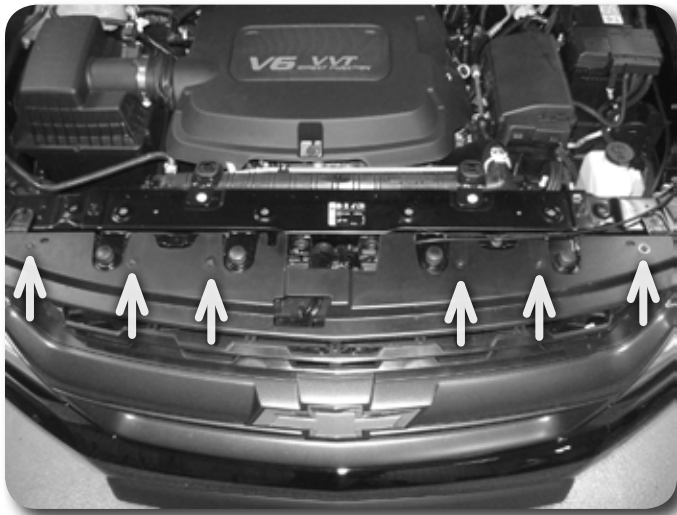


Figure 1

7. Remove the bolt connecting the support strut to the front bumper corner support. See Figure 2

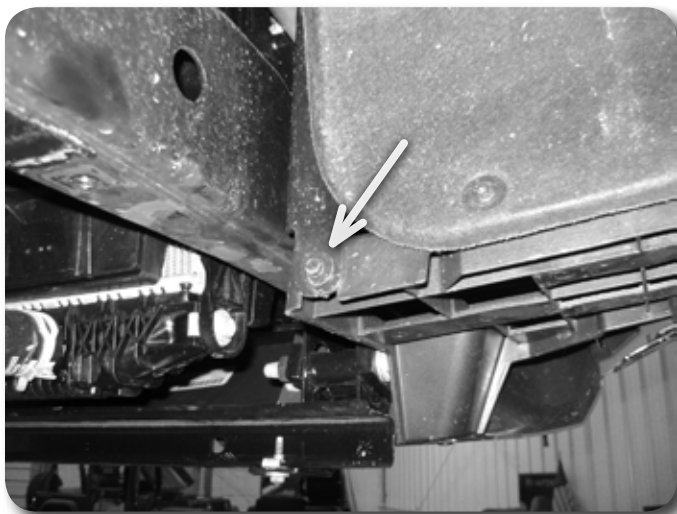


Figure 2

8. On both sides remove the front 7 screws mounting the inner fender to the front bumper and fender and pull the fender rearwards to gain access to the outer fascia to fender mounting bolts. See Figure 3

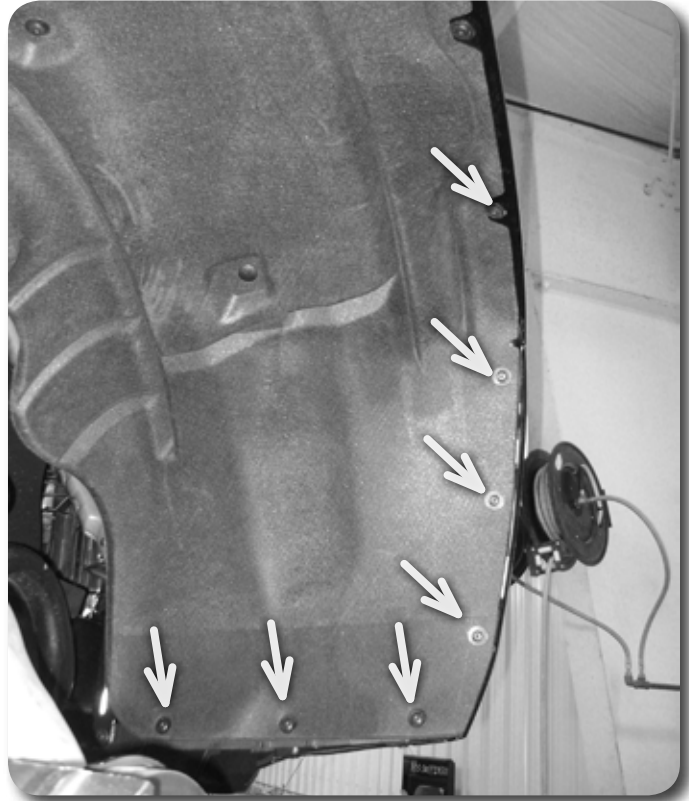


Figure 3

9. Remove the 3 outer fascia bolts on each side. See Figure 4

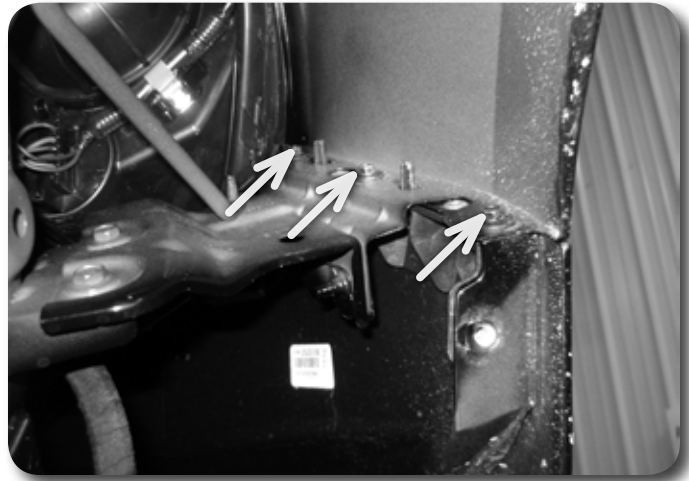


Figure 4

10. Disconnect the fog lights
11. Remove the 2 screws on the bottom of the fascia mounting to the frame on each side of the front splash guard.
12. Remove the 2 center fascia mounting bolts. See Figure 5

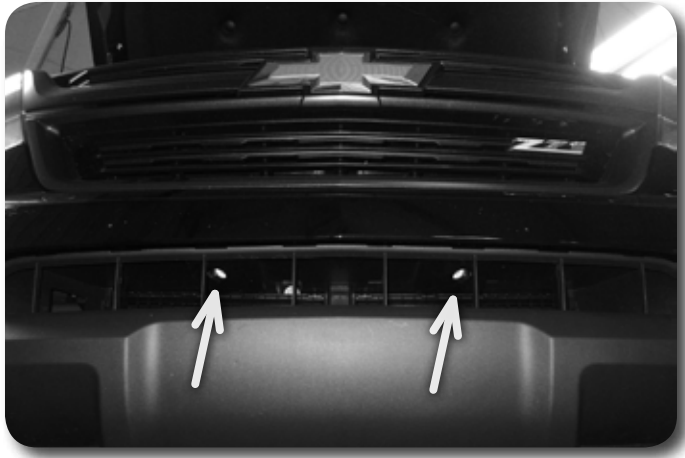


Figure 5

13. Gently pull out on the front fascia near the inside lower corner of the headlights to release the clips and remove the fascia from the vehicle.
14. Remove the 2 bolts per side mounting the front crash bar to the frame. See Figure 6

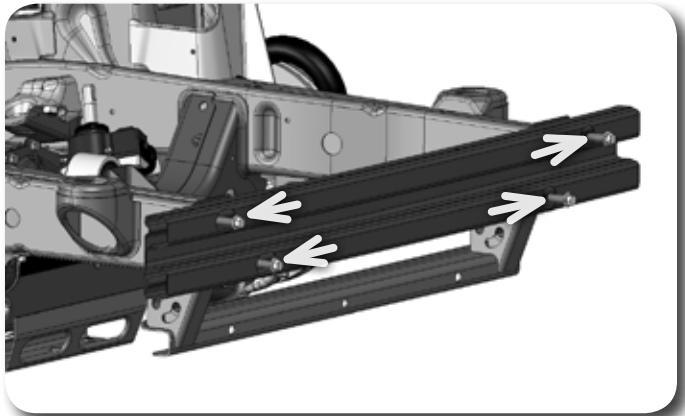


Figure 6

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## » **PARKING BRAKE BRACKET**

15. Locate the parking brake running along the driver side frame rail. Take a measurement or mark on the cable, the current brake adjustment based on the amount of threads showing past the adjustment nut. See Figure 7A

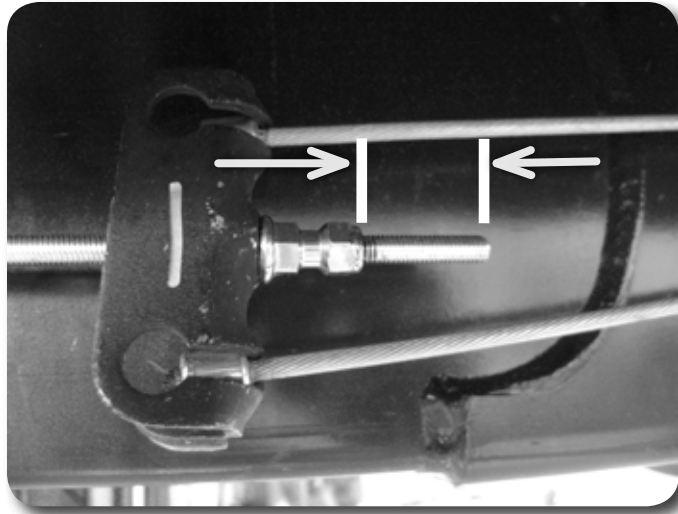


Figure 7A

16. Remove the nut and disconnect the parking brake at the rear distribution block.
17. Using a flat screwdriver release the clips holding the parking brake cable to the body mount on the frame.
18. Remove the cable from the body mount and relocate the cable above the frame.
19. Measure down from the center of the OE cable hole on the body mount 1" and drill a 3/8" hole at the mark.
20. Install the parking brake bracket with the provide 7/16" hardware so the tab in the bracket lines up with the drilled hole.

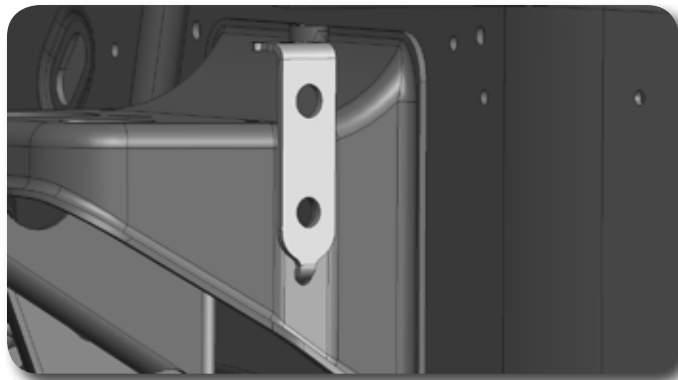


Figure 7B

21. Clip the cable to the hole in the bracket and route it through the center body mount similar to original setup and reconnect the cable at the distribution block. Adjust the cable to the setting previously measured.

### Step 23 Note

Cab mount hardware is located in bolt pack 284.

### Step 24 Note

Ensure there is adequate slack in all cables and wires as the body is lifted.

## » CAB LIFT

22. Starting on the passenger side, remove the 3 cab mount bolts and 1 front core support mount bolt. Loosen but do not remove the driver side bolts.
23. Remove the large factory washers from the bolts and place them on the provided 14mm x 140mm bolt with washers.
24. Place a jack with a block of wood to distribute the load near the front cab mount, in a reinforced area of the body and lift the body just high enough to place the provided 3" diameter body blocks between the OE mount and the body.
25. Apply Loctite to the new bolts and thread them a few turns into the body.



26. Lower the jack and remove the bolts from the driver side. Raise the driver side and make sure there is adequate slack on all wires and cables as the body is lifted.
27. Install the remaining cab bolts with the factory washers and Loctite. Lower the jack and torque all cab bolts to 100 ft-lbs.

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## »» **BED LIFT**

*Ensure the cab lift procedure is performed before raising the bed to avoid any interference between the bed and the body.*

28. Remove the 4 bed mount bolts on the passenger side of the vehicle. Loosen but do not remove the driver side bolts.
29. Locate the jack towards the passenger side on one of the bed supports and raise the bed enough to install the 2" diameter body lift pucks at each location.
30. Apply Loctite and loosely install the provided 12mm x 70mm bolts and washers at the bed mounts.
31. Remove the pad from the frame rail bed supports and place it on the provided steel tube bed spacer. Using the self tapping 5/16" bolt fasten the bed spacer to the frame. Do not overtighten, the bed will hold the block in place once the mounts are torqued. *See Figure 8*

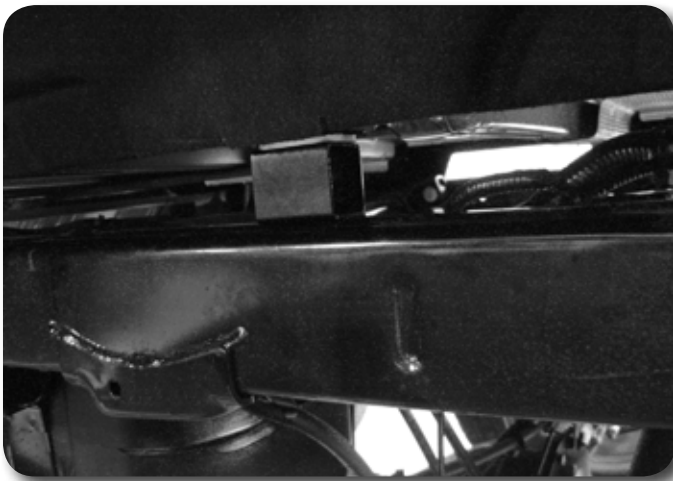


Figure 8

32. Remove the driver side bed mount bolts and install the bed spacer and body blocks similar to the passenger side.
33. Torque the bed mount bolts to 60 ft-lbs.

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## »» **REAR BUMPER BRACKET INSTALLATION**

34. Unplug the trailer wire harness and 2 additional plugs that will prevent the bumper from being removed as shown. *See Figure 9*

### **Step 30 Note**

Bed lift hardware is located in bolt pack 284

### **Step 31 Note**

Bed spacer hardware is located in bolt pack 285

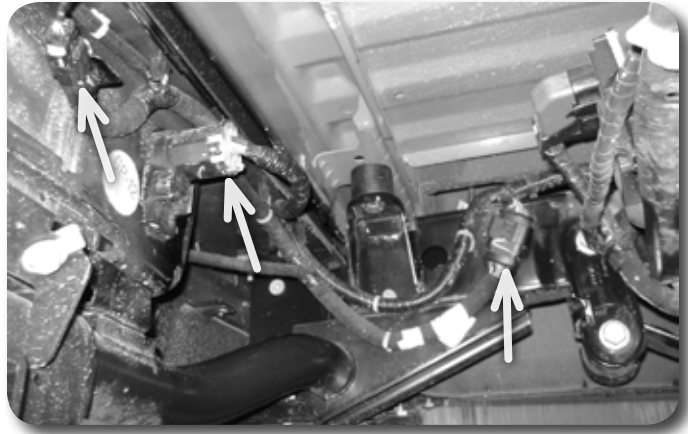


Figure 9

35. Remove the 2 bolts on the outside of each frame rail and slide the bumper off of the vehicle.
36. Release the clips on the bumper cover enough to access the bolts to the bumper brackets. Remove the bumper brackets from the bumper by removing the 6 bolts. See Figure 10

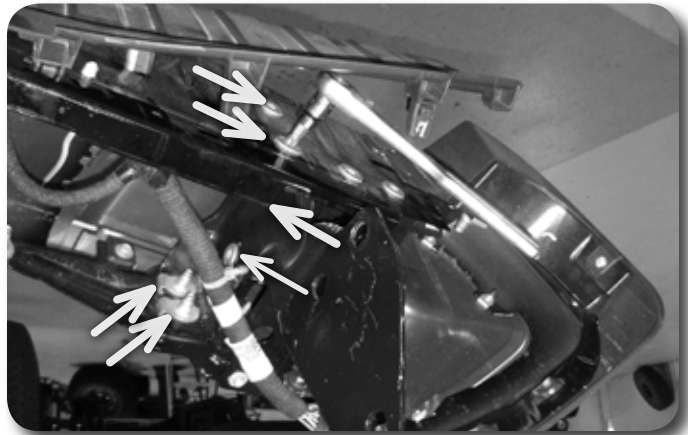


Figure 10

37. Remove the factory U-nuts from the factory brackets and transfer them to the provided brackets. See Figure 11

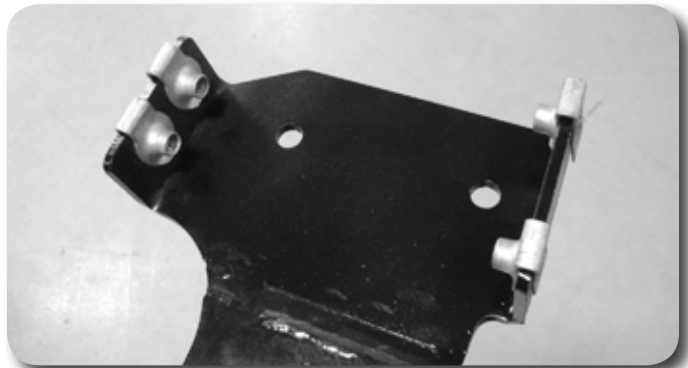


Figure 11

38. Install the new bumper brackets in place of the factory brackets using the factory hardware. Tighten bolts to 60 ft-lbs. See Figure 12



Figure 12

39. Place the provided step spacer above the factory hitch. The slots cut in the tube face up and towards the front of the vehicle. See Figure 13

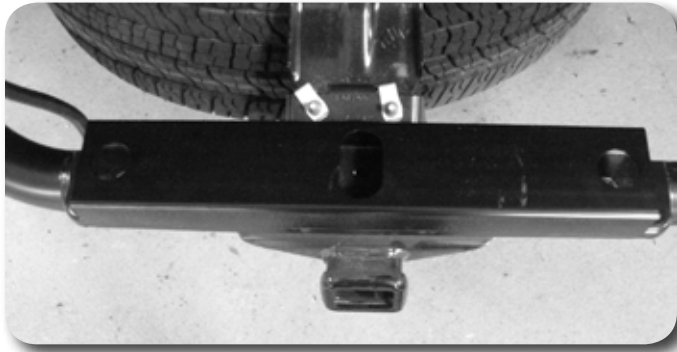


Figure 13

40. Fasten the step spacer to the hitch with the provided 3/8" x 3/4" bolts, nuts, and washer using the outermost holes.
41. Re-install the bumper onto the frame using the factory bolts. Ensure the spare tire winch tubes line up while sliding on the bumper. Torque the bolts to 60 ft-lbs.
42. Reconnect the wire harness and clips disconnected for the bumper removal.

### Step 40 Note

Bed Step hardware is located in bolt pack 285

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## » FRONT FASCIA INSTALLATION

43. On both sides, using the new front bumper brackets as a template, cut the material shown in the figure from the frame. Also drill a 7/16" hole at the inside bracket mounting hole. See Figure 14

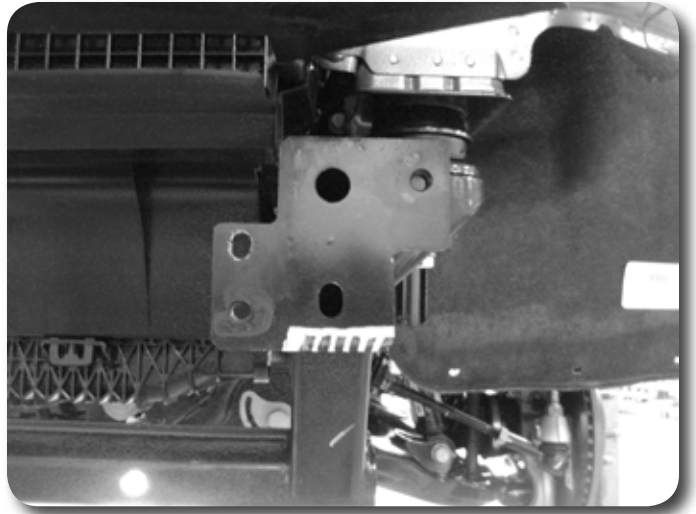


Figure 14

44. Using the provided 10mm flat head bolt in the outside upper hole and the socket head bolt in the lower hole, attach the bumper brackets to the frame. See Figure 15

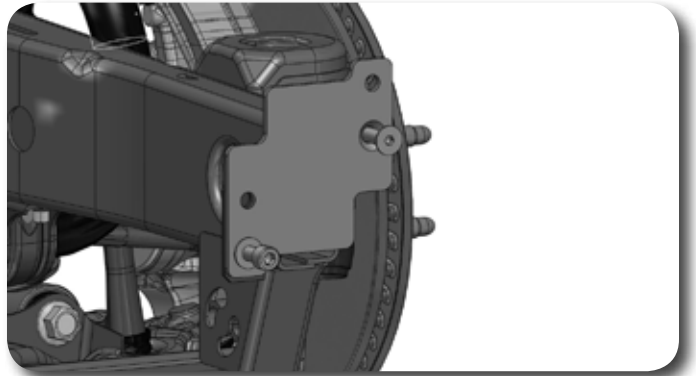


Figure 15

45. Attach the crash bar to the bumper brackets using the provided 3/8" bolts, nuts, and washers.
46. Remove the front tow hooks and flip the tow hooks over and reinstall them with the hardware going from the outside in. Torque bolts to 60 ft-lbs. Reinstall foam covers. See Figure 16

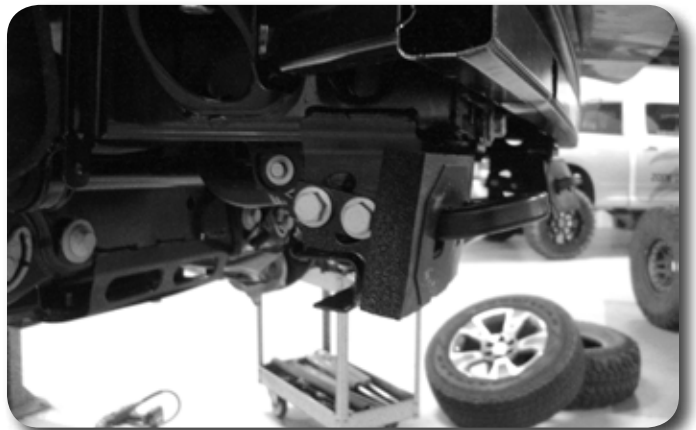


Figure 16

47. Remove the 2 lower fascia mounting brackets and transfer the clips to the new provided brackets.
48. Install the lower fascia brackets to the fascia with the OE clips using the original screws. See Figure 17

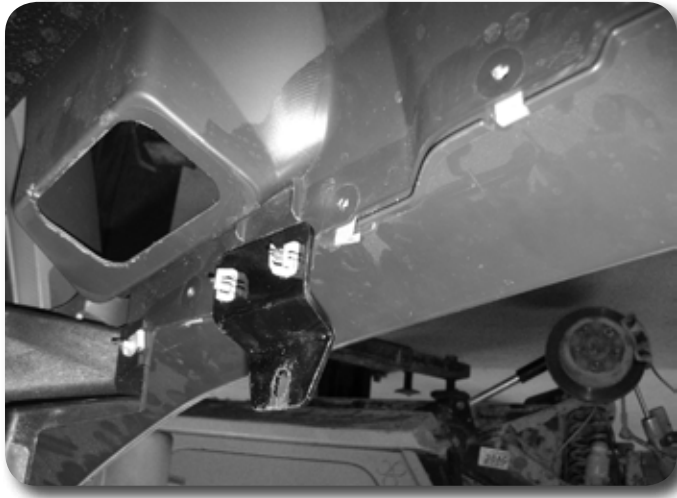


Figure 17

### Step 47 Note

If you plan on removing the lower bumper valance, it is recommended to do it with the fascia removed for the easiest bolt access.

49. Install the fascia back onto the vehicle first by engaging the clips located near the lower inside corner of the headlights.
50. Reinstall the 3 bolts connecting the fender to the fascia on each side.
51. Reinstall the 2 center bolts removed in step 12.
52. Install the original lower bolts through the new lower fascia brackets into the frame.
53. Reinstall the inner fender screws.
54. Reinstall the outer support brace bolts.
55. Reinstall the 6 top screws mounting the grill to the core support.

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## »» FINAL BODY LIFT STEPS

56. Reconnect the ground strap at the driver side frame rail. It may be necessary to permanently release it from a retaining clip to gain enough slack.
57. Reconnect the steering sector shaft using the factory bolt and Loctite. Torque the bolt to 45 ft-lbs.
58. Using the supplied wire ties, attach the electrical harness to the parking brake bracket and frame rail. Re-use the OE mounts as shown. See Figure 18



Figure 18

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» **OPTIONAL WELD ON STEERING STOPS:**

59. Included are optional weld on steering stops. These can be welded to the lower control arm to eliminate rubbing or eliminate any interference issues that may be present at full steering lock with 275 or 285 width tires. Disconnect the battery, prep lower control arm for welding, weld steering stop onto the lower control arm as shown. Coat with paint when completed. See Figures 19a, 19b



Figure 19a



Figure 19b

## » FINAL STEPS

60. Reconnect the battery.
61. Double check all hoses, wires, cables, etc for proper slack, clearances, and routing.
62. Check all hardware for proper torque.
63. Check for proper tire clearances.
64. Check hardware after 500 miles.

## Post-Installation Warnings

1. 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 gear for clearance. Test and inspect brake system.
2. 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.
3. Perform head light check and adjustment.
4. Re-torque all fasteners after 500 miles. Always inspect fasteners and components during routine servicing.