

#014401

Installation Instructions

Front & Rear Box Kit

Jeep J10, J20

READ AND UNDERSTAND ALL INSTRUCTIONS AND WARNINGS PRIOR TO INSTALLATION OF SYSTEM AND OPERATION OF VEHICLE.

PARTS LIST

Description	Quantity
9/16 x 3 x 7-1/2" Round U-bolt	2
9/16 x 3-1/2 x 9-1/2" Round U-Bolt	2
9/16 x 3 x 11" Round U-Bolt	4
9/16" Fine High Nut	16
9/16" Flatwasher	16
SBLA Flat Brake Line Drop Bracket	1
90BA Bent Brake Line Drop Bracket	2
3/8 x 1" Bolts, nuts & washer	4
3" lift block	2

FRONT INSTALLATION

1. Park and secure the vehicle on a level hard surface. Block the rear tires to avoid accidental movement.
2. Raise the front of the vehicle so the axle is hanging freely and the tires are just off the ground. Support the vehicle with jack stands under the frame rail about 3" behind the spring shackles.
3. Remove the tires and wheels.
4. Remove the original shocks and retain hardware for later use.

Complete the following steps one side at a time.

7. Place a floor jack under the axle to support it. Remove the spring u-bolts.
8. Remove the leaf spring eye bolts. Lower the axle and remove the original spring. **CAUTION: Do not over extend the brake lines.**
9. Disconnect the OE brake line from the frame. Install the brake line relocation bracket (90BA- 90degree bend) using the 3/8 x 1" bolt, nut and washers to the frame.
10. Install the new leaf springs using the original shackle and hanger fasteners. Hand tighten only. The spring eye bolt must be tightened after the vehicle is on the ground
11. Install new u-bolts to retain the spring to the axle. Torque to 120 ft-lbs.
12. Complete the above steps for the passenger side.
13. Install aftermarket shocks at this time.

14. Install pitman arm at this time. A pitman arm or steering block is recommended with this kit.
16. Install tires and wheel.
17. Lower the vehicle to the ground.
18. With the full weight of the vehicle on the springs, tighten the leaf spring eye bolts to OE specification.

REAR INSTALLATION

1. Park and secure the vehicle on a level hard surface. Block the rear tires to avoid accidental movement.
2. Raise the rear of the vehicle so the axle is hanging freely and the tires are just off the ground. Support the vehicle with jack stands under the frame rail about 3" in front of the spring mounts.
3. Remove the tires and wheels.
4. Remove the original shocks and retain hardware for later use.
5. Remove the OE brake line bracket from the differential cover. Install supplied flat brake line drop bracket to the differential. Install the OE bracket to the supplied bracket using the 3/8" fasteners supplied

Complete the following steps one side at a time.

6. Place a floor jack under the axle to support it. Remove the spring u-bolts. Lower the axle away from the leaf spring.
7. Install the 3" block in between the leaf pack and the axle tube with the thick side toward the rear of the vehicle.
8. Raise the axle. Be sure to align the block pin in the axle tube hole and the spring pin in the block.
9. Install supplied u-bolts and torque to 120 ft-lbs.
10. Install BDS shocks.
11. Install tires and wheels.
12. Lower vehicle to the ground.
13. Install warning card on rear view mirror for vehicle operator.
14. Check all fasteners after 500 miles.
15. A complete front end alignment should be completed after installation of this kit. A headlamp adjustment should also be completed.