



BOX KIT # 1400
1976-86 Jeep CJ 2 ½” or 4”

INTRODUCTION

Installation requires two professional mechanics. Be sure the vehicle is in excellent working condition-repair or replace all worn parts. Read instructions several times prior to beginning installation. Check to make sure you have all needed parts and know where to install them. Read each step completely.

NOTES:

- Front coil springs; rear kit(s) or rear leaf springs, and shock absorbers are purchased separately and are also required for proper installation of this system.
- () denotes foot pound torque readings after each appropriate fastener.
- Prior to attaching components, be sure mating surfaces are free of grit, grease, under coating, etc.
- After installation is complete, the vehicle will require a front-end alignment.

IMPORTANT

Prior to disassembly, identify each part and place the appropriate mounting hardware with it. Contact your Dick Cepek Race Series Suspension dealer if any components are missing before beginning any work on the vehicle.

PARTS LIST (p/n DCS 01400 Box Kit)

QTY.	DESCRIPTION	ITEM NUMBER	ILLUS. / FIGURE#
1	Bushing Kit – Leaf Springs	DCS04000	
3	Front U-Bolt	DCS08203	
1	Front U-Bolt	DCS08212	
1	Hardware Kit – U-Bolt (4) ½” nylon lock nuts (4) ½” washers	DCS08301	

INSTALLATION

- 1) Raise the front of the vehicle and place jack stands under frame rails a few inches behind the rear spring hanger on the front spring. Chalk rear tires to prevent vehicle from rolling, Remove tires/wheels and shocks.
- 2) Remove U-bolts. Raise front axle for removal of springs. Remove spring shackle and spring hanger bolts and remove front leaf springs.
- 3) Lubricate spring eye bushings with a light coat water resistant grease and install into spring eyes. Push in the 9/16 steel sleeves into bushings.
- 4) Before installing new Dick Cepek MaxRide front leaf springs, be sure axle pads and center bolthole are free from debris. Install new springs making sure spring center pin fits properly into the hole in the axle pad. Do not tighten eyebolts at this time.
- 5) Position U-bolt plates and install new U-bolts (torque ½ inch nuts to 83-92 ft. lbs.) tightening in an “X” pattern. If a pitman arm or brake lines are to be replaced, do so at this time (see separate instructions).
- 6) Install new Dick Cepek Race Series shock absorbers, tires/wheels. With suspension hanging, cycle steering from lock –to– lock being sure to have adequate clearance between tires, springs and brake lines.
- 7) Lower vehicle onto the ground and tighten shackle and spring eye bolts. **DO NOT OVER TIGHTEN** – This will cause accelerated bushing wear.
- 8) Check all nuts and bolts to be sure they are properly tightened.

9) Check driveline angles for proper alignment by use of degree shims and/or lowering transfer case. To lower transfer case place 1" to 1 ½ inch spacers between transfer case Crossmember (longer bolts may be required).

FINAL PROCEDURES

- 1) With the front tires pointing straight ahead, the steering wheel crossbars will be misaligned. The center the steering wheel position is achieved. Then tighten the clamp bolts.
- 2) Cycle steering all of the way to the right and to the left inspecting steering, suspension and driveline systems for proper operation, tightness and adequate clearance. If brake hose fittings are touched, recheck lines for leaks. Be sure all hoses/wiring are of adequate length. Repeat this inspection with the suspension unloaded and hanging.
- 3) INSTALL "WARNING" DECAL (metallic sticker) TO THE INSIDE OF THE DRIVER SIDE DOOR JAM NEXT TO THE V.I.N. PLATE.
- 4) HANG MIRROR TAG WITH WARNING AND WARRANTY REGISTRATION CARD FROM REAR VIEW MIRROR!
- 5) Readjust headlights to proper setting.
- 6) Check the vehicle for proper alignment.

CAUTION AND WARNING INFORMATION

Installation of these parts will modify the height of the vehicle and may raise the center of gravity. Altered height modification and off-road operation may increase your vehicle's susceptibility to roll over conditions and may cause serious injury or death. Many states regulate the height modification to each vehicle. Check the laws in your state for exact specifications. Height modifications may affect the reaction, ride, and handling and wear factor of your vehicle's components. Height modifications may require other adjustments to the vehicle.

A professional mechanic should install all Dick Cepek Race Series suspension components.

All vehicles must be aligned within 100 miles after installation of these parts.

Always use extreme caution when operating your vehicle in conditions, which may cause loss of balance or control. Avoid sharp turns and abrupt maneuvers, which may cause a vehicle to roll over or have an accident.

Always wear a seat belt. Never drink and drive!
DRIVE RESPONSIBLY!!