SKYJACKER®
THE BEAR OF SUSPENSIONS

67-87 GM 1/2, 3/4 & 1 Ton
Installation Instructions

REQUIRED TOOL LIST:

*** Metric and Standard wrenches and sockets**
*** Floor Jack**
*** Jack Stands**
*** Measuring Tape**
*** Torque Wrench**

Before beginning the installation, read these instructions and the enclosed driver's WARNING NOTICE thoroughly and completely. Also affix the WARNING decal in passenger compartment in clear view of all occupants. If any of these items are missing from this instruction packet, do not proceed with installation, but call SKYJACKER® to obtain needed items. If you have any questions or reservations about installing this lift kit, call SKYJACKER® at 318-388-0816 for Technical Assistance or Customer Service departments.

1. Make sure you park the vehicle on a level concrete or asphalt surface. Many times a vehicle is un level (side-to-side) from the factory, but usually not noticed until a lift kit has been installed which makes the difference more visible. Using a measuring tape, measure the front and rear (both sides) from the ground up to the center of the fender opening above the axle. Record below for future reference.

Driver Side Front: _____ Passenger Side Front: _____

Driver Side Rear: _____ Passenger Side Rear: _____

IMPORTANT NOTES:

- Please refer to Parts List to insure that all parts and hardware are received prior to disassembly of vehicle. If any parts are found to be missing, contact your dealer as soon as possible.
- After installation occurs, a qualified alignment facility is required to align the vehicle to factory specs.
- After lift is installed, headlights must be adjusted to proper setting.

Kit Box Breakdown:

C124AS:

ITEM#	DESCRIPTION	QTY
58X318X712U	5/8 X 3 1/8 X 7 1/2 U-BOLT	3
58X358X914U	5/8 X 3 5/8 X 9 1/4 U-BOLT	1
58X318X912U	5/8 X 3 1/8 X 9 1/2 U-BOLT	4
HB-CHEV	HRDWR BAG FOR 73-87 CHEVY/G	1

C125A:

ITEM#	DESCRIPTION	QTY
58X318X712U	5/8 X 3 1/8 X 7 1/2 U-BOLT	3
58X358X914U	5/8 X 3 5/8 X 9 1/4 U-BOLT	1
58X318X912U	5/8 X 3 1/8 X 9 1/2 U-BOLT	4
RB20	2" REAR BLOCK	2
HB-CHEV	HRDWR BAG FOR 67-87 CHEVY	1

C140A:

ITEM#	DESCRIPTION	QTY
58X318X11U	5/8 X 3 1/8 X 11 U-BOLT RD	4
58X318X712U	5/8 X 3 1/8 X 7 1/2 U-BOLT	3
58X358X914U	5/8 X 3 5/8 X 9 1/4 U-BOLT	1
RB35	3.5" REAR BLOCK	2
HB-CHEV	HRDWR BAG FOR 73-87 CHEVY/G	1

C168A:

ITEM#	DESCRIPTION	QTY
58X318X712U	5/8 X 3 1/8 X 7 1/2 U-BOLT	3
58X358X914U	5/8 X 3 5/8 X 9 1/4 U-BOLT	1
58X318X1212U	5/8 X 3 1/8 X 12 1/2 U-BOLT	4
RB55	5.5" REAR BLOCK	2
BE15	BRAKE LINE EXTENSIONS	2
HB-CHEV	HRDWR BAG FOR 73-87 CHEVY/G	1

C168AS:

ITEM#	DESCRIPTION	QTY
58X318X712U	5/8 X 3 1/8 X 7 1/2 U-BOLT	3
58X358X914U	5/8 X 3 5/8 X 9 1/4 U-BOLT	1
58X318X912U	5/8 X 3 1/8 X 9 1/2 U-BOLT	4
BE15	BRAKE LINE EXTENSIONS	2
HB-CHEV	HRDWR BAG FOR 73-87 CHEVY/G	1

Kit Box Breakdown:

C124BS:

ITEM#	DESCRIPTION	QTY
58X318X712U	5/8 X 3 1/8 X 7 1/2 U-BOLT	3
58X358X914U	5/8 X 3 5/8 X 9 1/4 U-BOLT	1
58X338X912U	5/8 X 3 3/8 X 9 1/2 U-BOLT	4
HB-CHEV	HRDWR BAG FOR 73-87 CHEVY	1

C125B:

ITEM#	DESCRIPTION	QTY
58X318X712U	5/8 X 3 1/8 X 7 1/2 U-BOLT	3
58X358X914U	5/8 X 3 5/8 X 9 1/4 U-BOLT	1
58X338X11U	5/8 X 3 3/8 X 11 U-BOLT RD	4
RB20	2" REAR BLOCK	2
HB-CHEV	HRDWR BAG FOR 73-87 CHEVY	1

C140B:

ITEM#	DESCRIPTION	QTY
58X318X712U	5/8 X 3 1/8 X 7 1/2 U-BOLT	3
58X358X914U	5/8 X 3 5/8 X 9 1/4 U-BOLT	1
58X338X13U	5/8 X 3 3/8 X 13 U-BOLT RD	4
RB35	3.5" REAR BLOCK	2
HB-CHEV	HRDWR BAG FOR 73-87 CHEVY	1

C168B:

ITEM#	DESCRIPTION	QTY
58X318X712U	5/8 X 3 1/8 X 7 1/2 U-BOLT	3
58X358X914U	5/8 X 3 5/8 X 9 1/4 U-BOLT	1
58X338X1412U	5/8 X 3 3/8 X 14 1/2 U-BOLT	4
RB55	5.5" REAR BLOCK	2
BE15	BRAKE LINE EXTENSIONS	2
HB-CHEV	HRDWR BAG FOR 73-87 CHEVY/G	1

C168BS:

ITEM#	DESCRIPTION	QTY
58X318X712U	5/8 X 3 1/8 X 7 1/2 U-BOLT	3
58X358X914U	5/8 X 3 5/8 X 9 1/4 U-BOLT	1
58X338X912U	5/8 X 3 3/8 X 9 1/2 U-BOLT	4
BE15	BRAKE LINE EXTENSIONS	2
HB-CHEV	HRDWR BAG FOR 73-87 CHEVY/G	1

Kit Box Breakdown:

C124CS:

ITEM#	DESCRIPTION	QTY
58X318X912U	5/8 X 3 1/8 X 9 1/2 U-BOLT	2
58X4X10U	5/8 X 4 X 10 U-BOLT RD	1
58X234X1012U	5/8 X 2 3/4 X 10 1/2 U-BOLT	4
58X314CTB	5/8 X 3 1/4 COARSE THREAD B	2
HB-CHEV	HRDWR BAG FOR 73-87 CHEVY/G	1

C125C:

ITEM#	DESCRIPTION	QTY
58X234X1012U	5/8 X 2 3/4 X 10 1/2 U-BOLT	4
58X318X912U	5/8 X 3 1/8 X 9 1/2 U-BOLT	2
58X4X10U	5/8 X 4 X 10 U-BOLT RD	1
58X314CTB	5/8 X 3 1/4 COARSE THREAD B	2
RB20	2" REAR BLOCK	2
HB-CHEV	HRDWR BAG FOR 73-87 CHEVY/G	1

C140C:

ITEM#	DESCRIPTION	QTY
58X234X1212U	5/8 X 2 3/4 X 12 1/2 U-BOLT	4
58X318X912U	5/8 X 3 1/8 X 9 1/2 U-BOLT	2
58X4X10U	5/8 X 4 X 10 U-BOLT RD	1
58X314CTB	5/8 X 3 1/4 COARSE THREAD B	2
RB35	3.5" REAR BLOCK	2
HB-CHEV	HRDWR BAG FOR 73-87 CHEVY/G	1

C168C:

ITEM#	DESCRIPTION	QTY
58X318X912U	5/8 X 3 1/8 X 9 1/2 U-BOLT	2
58X4X10U	5/8 X 4 X 10 U-BOLT RD	1
58X258X1412U	5/8 X 2 5/8 X 14 1/2 U-BOLT	4
58X314CTB	5/8 X 3 1/4 COARSE THREAD B	2
RB55	5.5" REAR BLOCK	2
BE15	BRAKE LINE EXTENSIONS	2
HB-CHEV	HRDWR BAG FOR 73-87 CHEVY/G	1

C160CS:

ITEM#	DESCRIPTION	QTY
58X234X1012U	5/8 X 2 3/4 X 10 1/2 U-BOLT	4
58X318X912U	5/8 X 3 1/8 X 9 1/2 U-BOLT	2
58X4X10U	5/8 X 4 X 10 U-BOLT RD	1
58X314CTB	5/8 X 3 1/4 COARSE THREAD B	2
BE15	BRAKE LINE EXTENSIONS	2
HB-CHEV	HRDWR BAG FOR 73-87 CHEVY/G	1

Kit Box Breakdown:

C180CS:

ITEM#	DESCRIPTION	QTY
58X234X1012U	5/8 X 2 3/4 X 10 1/2 U-BOLT	4
58X318X912U	5/8 X 3 1/8 X 9 1/2 U-BOLT	2
58X4X10U	5/8 X 4 X 10 U-BOLT RD	1
58X314CTB	5/8 X 3 1/4 COARSE THREAD B	2
RB20	2" REAR BLOCK	2
BE15	BRAKE LINE EXTENSIONS	2
HB-CHEV	HRDWR BAG FOR 73-87 CHEVY/G	1

C224AS:

ITEM#	DESCRIPTION	QTY
58X234X712U	5/8 X 2 3/4 X 7 1/2 U-BOLT	3
58X358X914U	5/8 X 3 5/8 X 9 1/4 U-BOLT	1
58X234X9U	5/8 X 2 3/4 X 9 U-BOLT SQ	4
HB-CHEV	HRDWR BAG FOR 73-87 CHEVY/G	1

C225A:

ITEM#	DESCRIPTION	QTY
58X234X712U	5/8 X 2 3/4 X 7 1/2 U-BOLT	3
58X358X914U	5/8 X 3 5/8 X 9 1/4 U-BOLT	1
58X234X9U	5/8 X 2 3/4 X 9 U-BOLT SQ	4
RB20	2" REAR BLOCK	2
HB-CHEV	HRDWR BAG FOR 73-87 CHEVY/G	1

C240A:

ITEM#	DESCRIPTION	QTY
58X234X712U	5/8 X 2 3/4 X 7 1/2 U-BOLT	3
58X358X914U	5/8 X 3 5/8 X 9 1/4 U-BOLT	1
58X234X1012U	5/8 X 2 3/4 X 10 1/2 U-BOLT	4
RB35	3.5" REAR BLOCK	2
HB-CHEV	HRDWR BAG FOR 73-87 CHEVY/G	1

C268A:

ITEM#	DESCRIPTION	QTY
58X234X712U	5/8 X 2 3/4 X 7 1/2 U-BOLT	3
58X358X914U	5/8 X 3 5/8 X 9 1/4 U-BOLT	1
58X234X1212U	5/8 X 2 3/4 X 12 1/2 U-BOLT	4
RB55	5.5" REAR BLOCK	2
BE15	BRAKE LINE EXTENSIONS	2
HB-CHEV	HRDWR BAG FOR 73-87 CHEVY/G	1

Kit Box Breakdown:

C268AS:

ITEM#	DESCRIPTION	QTY
58X234X712U	5/8 X 2 3/4 X 7 1/2 U-BOLT	3
58X358X914U	5/8 X 3 5/8 X 9 1/4 U-BOLT	1
58X234X9U	5/8 X 2 3/4 X 9 U-BOLT SQ	4
BE15	BRAKE LINE EXTENSIONS	2
HB-CHEV	HRDWR BAG FOR 73-87 CHEVY/G	1

C280ASD:

ITEM#	DESCRIPTION	QTY
58X234X712U	5/8 X 2 3/4 X 7 1/2 U-BOLT	3
58X358X914U	5/8 X 3 5/8 X 9 1/4 U-BOLT	1
58X234X1012U	5/8 X 2 3/4 X 10 1/2 U-BOLT	4
RB20	2" REAR BLOCK	2
BE15	BRAKE LINE EXTENSIONS	2
HB-CHEV	HRDWR BAG FOR 73-87 CHEVY/G	1

Hardware Bag Breakdown:

HB-CHEV:

ITEM#	DESCRIPTION	QTY
58FTN	5/8-18 NYLON INSERT LOCKNUT	16
SP2010	CHEVY SPRING BUSHING	8
SSGM716	SPRING SLEEVE GM 7/16	2
SSGM916	SPRING SLEEVE GM 9/16	2

Note: Kit box numbers ending in “8” will be the same bill of material as the kits that do not have an “8” at the end. The only difference will be that they contain (4) 9/16” Spring sleeves instead of (2) 7/16” and (2) 9/16”.

Front Installation:

2. Apply a thin coat of grease to the polyurethane bushings and insert into each eye of new front springs. Now apply a thin coat of grease on outside of polyurethane bushings. Insert the steel 9/16" (thin) sleeve into front eye of springs and the 7/16" (think) sleeve in rear eyes.

   Note: On 6" and 8" springs with a degree shim attached to the bottom, the thick end of shim is toward the front eye. On 2" and 4" springs without a shim, there is no difference between the front and rear eyes. On 1988-1992 models, all sleeves are the same size.

3. Raise front of vehicle and support securely with jack stands under the frame behind front spring shackle and block the rear wheels. Remove the tires, shocks and u-bolts. CAUTION: The front axle will now be free to move, so support securely on floor jack. Unbolt each end of front leaf springs and remove from both sides.

4. Install new springs with thick end of shim (is so equipped) towards the front(NOTE: Do not tighten spring eye bolts at this time). If no shim is present and the vehicle is 67-87 model, install springs with the 9/16" (thin) sleeves towards front bumper. On '88 to current models using 2" or 4" springs not equipped with a shim either end can be installed toward the front.

5. Using the floor jack, raise the front axle up to the leaf springs. Be sure tie bolts align and fit down into the tie bolt holes in the axle housing. Install and tighten new u-bolts. (If sway bar lowering kit part no. SBL20 or SBL40, used to help reduce vehicle sway, was purchased; refer to its instructions at this time.) Refer to steering arm and/or pitman arm instructions at this time. Install new shocks and tires then lower vehicle to ground. Tighten spring eye bolts at this time.

   NOTE: If vehicle is 1977 or later model with saginaw type front drive shaft, rotate shaft and check for clearance on C.V. Joint cluster next to transfer case. If binding occurs, remove shaft and grind off the ears until needed clearance is obtained and no further binding occurs. On some later models it may be necessary to alter cross-over exhaust pipe for needed driveshaft clearance.

REAR INSTALLATION:

6. Place a floor jack under rear axle and raise vehicle. Place jack stands under the frame to support vehicle and remove the rear tires and shock absorbers.
7. Remove the axle U-bolts and lower axle down a few inches. Care should be take because when U-bolts are removed, axle can move freely.
8. **BLOCK INSTALLATION:** Place new block (tallest end toward rear bumper) between rear spring and axle housing. Raise axle up being sure that block pins are aligned in axle housing housing and that spring bolt is aligned in block. Install and torque new rear u-bolts evenly. Install rear shock absorbers, tires, remove jack stands and lower vehicle down. Rear installation is complete, so skip to Final Notes and Troubleshooting.
9. **NEW SPRING INSTALLATION:** Remove the original springs from vehicle. Install new springs with thick end of bottom wedge shims toward the rear bumper (which is also the long end of spring toward the rear bumper). Do not fully tighten spring eye bolts at this time.
10. Raise the rear axle back up, aligning spring pins into axle housing. Install and torque new u-bolts evenly. Install rear shock absorbers, tires, remove jack stands and lower vehicle down. Now tighten the new rear springs's shackle bolts and the spring eye bolts. Rear installation is complete, so skip to Final Notes and Troubleshooting.

TROUBLE SHOOTING

Upon completion of installing the entire lift (front and rear) if the vehicle appears to sit unlevel go to step 1 and record the AFTER measurements to verify the amount of lift obtained at each point. If the vehicle does sit unlevel and it did not in sit unlevel in step 1, the following can be checked:

1. Be sure all of the polyurethane bushings were greased well so that they will not restrict the spring's movement.
2. Check the condition of the shackle bushings in the frame (if not replaced with new ones) to be sure they are not worn, and if so, replace them with new polyurethane bushings.
3. Check the body bushings between the frame and the body to be sure they are not showing wear. If so, SKYJACKER® offers replacement polyurethane kits.
4. In order to be sure that the bushings are not restricting the spring from being at the correct ride height, loosen (do not remove) the spring eye bolts. Then stand on the bumpers and bounce the vehicle up and down vigorously to free up the bushings and then retighten spring eye bolts.

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