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## 1967-1979 Ford F-250 4WD 2", 4", & 6" Suspension Lifts Installation Instructions

### REQUIRED TOOL LIST:

- \* Safety Glasses
- \* Metric / Standard Wrenches & Sockets
- \* Floor Jack
- \* Jack Stands
- \* Measuring Tape
- \* Torque Wrench



Before beginning the installation, thoroughly & completely read these instructions & the enclosed driver's WARNING NOTICE. Affix the WARNING decal in the passenger compartment in clear view of all occupants. Please refer to the Parts List to insure that all parts & hardware are received prior to the disassembly of the vehicle. If any parts are found to be missing, contact SKYJACKER® Customer Service at 318-388-0816 to obtain the needed items. If you have any questions or reservations about installing this lift kit, call SKYJACKER® Technical Assistance at 318-388-0816.

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

Driver Side Front: \_\_\_\_\_

Passenger Side Front: \_\_\_\_\_

Driver Side Rear: \_\_\_\_\_

Passenger Side Rear: \_\_\_\_\_

### IMPORTANT NOTES:

- This lift is determined from the amount of lift to the front of the vehicle, while only lifting the rear to a position level with the front.
- If larger tires (10% more than the stock diameter) are installed, speedometer recalibration will be necessary. Contact your local Ford dealer or an authorized dealer for details.
- After installation a qualified alignment facility is required to align the vehicle to factory specifications.

## Kit Box Breakdown:

### Part #: F720S

| ITEM#        | DESCRIPTION                 | QTY |
|--------------|-----------------------------|-----|
| 916X318X912U | 9/16 X 3 1/8 X 9 1/2 SQUARE | 4   |
| 58X318X11U   | 5/8 X 3 1/8 X 11 U-BOLT RD  | 4   |
| RB20         | 2" REAR BLOCK               | 2   |
| HB-F740S     | HDWR BAG FOR F740S & F720S  | 1   |
| I-F7246      | INST SHEET: 66-79 FORD F250 | 1   |

#### Hardware Bag Breakdown:

##### HB-F740S                      HARDWARE BAG

| ITEM#     | DESCRIPTION                 | QTY |
|-----------|-----------------------------|-----|
| 916FTN    | 9/16-18 NYLON INSERT LOCKNU | 8   |
| 58FTN     | 5/8-18 NYLON INSERT LOCKNUT | 8   |
| SP2037-1  | F746 SPRING BUSHING         | 8   |
| SSF250665 | SPRG SLEEVE F250 66-79, 5/8 | 2   |
| SSF250669 | SPRG SLEEVE F250 66-79,9/16 | 2   |

### Part #: F7240

| ITEM#        | DESCRIPTION                 | QTY |
|--------------|-----------------------------|-----|
| 916X318X912U | 9/16 X 3 1/8 X 9 1/2 SQUARE | 4   |
| HB-F740      | HDWR BAG FOR F740 & F720'S  | 1   |
| I-F7246      | INST SHEET: 66-79 FORD F250 | 1   |

#### Hardware Bag Breakdown:

##### HB-F740                      HARDWARE BAG

| ITEM#     | DESCRIPTION                 | QTY |
|-----------|-----------------------------|-----|
| 916FTN    | 9/16-18 NYLON INSERT LOCKNU | 8   |
| SP2037-1  | F746 SPRING BUSHING         | 8   |
| SSF250665 | SPRG SLEEVE F250 66-79, 5/8 | 2   |
| SSF250669 | SPRG SLEEVE F250 66-79,9/16 | 2   |

### Part #: F740S

| ITEM#        | DESCRIPTION                 | QTY |
|--------------|-----------------------------|-----|
| 916X318X912U | 9/16 X 3 1/8 X 9 1/2 SQUARE | 4   |
| 58X318X1212U | 5/8 X 3 1/8 X 12 1/2 U-BOLT | 4   |
| HB-F740S     | HDWR BAG FOR F740S & F720S  | 1   |
| I-F7246      | INST SHEET: 66-79 FORD F250 | 1   |

**Hardware Bag Breakdown:****HB-F740S                      HARDWARE BAG**

| <b>ITEM#</b> | <b>DESCRIPTION</b>          | <b>QTY</b> |
|--------------|-----------------------------|------------|
| 916FTN       | 9/16-18 NYLON INSERT LOCKNU | 8          |
| 58FTN        | 5/8-18 NYLON INSERT LOCKNUT | 8          |
| SP2037-1     | F746 SPRING BUSHING         | 8          |
| SSF250665    | SPRG SLEEVE F250 66-79, 5/8 | 2          |
| SSF250669    | SPRG SLEEVE F250 66-79,9/16 | 2          |

**Part #: F749**

| <b>ITEM#</b>  | <b>DESCRIPTION</b>          | <b>QTY</b> |
|---------------|-----------------------------|------------|
| 916X314X1312U | 9/16 X 3 1/4 X 13 1/2 U-BOL | 4          |
| 916X318X912U  | 9/16 X 3 1/8 X 9 1/2 SQUARE | 4          |
| RB20          | 2" REAR BLOCK               | 2          |
| HB-F760       | HDWR BAG FOR F760 & F749'S  | 1          |
| I-F7246       | INST SHEET: 66-79 FORD F250 | 1          |

**Hardware Bag Breakdown:****HB-F760                      HARDWARE BAG**

| <b>ITEM#</b> | <b>DESCRIPTION</b>          | <b>QTY</b> |
|--------------|-----------------------------|------------|
| 916FTN       | 9/16-18 NYLON INSERT LOCKNU | 16         |
| SP2037-1     | F746 SPRING BUSHING         | 8          |
| SSF250665    | SPRG SLEEVE F250 66-79, 5/8 | 2          |
| SSF250669    | SPRG SLEEVE F250 66-79,9/16 | 2          |

**Part #: F760**

| <b>ITEM#</b>  | <b>DESCRIPTION</b>          | <b>QTY</b> |
|---------------|-----------------------------|------------|
| 916X314X1512U | 9/16 X 3 1/4 X 15 1/2 U-BOL | 4          |
| 916X318X912U  | 9/16 X 3 1/8 X 9 1/2 SQUARE | 4          |
| RB45          | 4.5" REAR BLOCK             | 2          |
| HB-F760       | HDWR BAG FOR F760 & F749'S  | 1          |
| I-F7246       | INST SHEET: 66-79 FORD F250 | 1          |

**Hardware Bag Breakdown:****HB-F760                      HARDWARE BAG**

| <b>ITEM#</b> | <b>DESCRIPTION</b>          | <b>QTY</b> |
|--------------|-----------------------------|------------|
| 916FTN       | 9/16-18 NYLON INSERT LOCKNU | 16         |
| SP2037-1     | F746 SPRING BUSHING         | 8          |
| SSF250665    | SPRG SLEEVE F250 66-79, 5/8 | 2          |
| SSF250669    | SPRG SLEEVE F250 66-79,9/16 | 2          |
| I-F7246      |                             |            |

## Part #: F760S

| ITEM#         | DESCRIPTION                 | QTY |
|---------------|-----------------------------|-----|
| 916X314X1112U | 9/16 X 3 1/4 X 11 1/2 U-BOL | 4   |
| 916X318X912U  | 9/16 X 3 1/8 X 9 1/2 SQUARE | 4   |
| HB-F760       | HDWR BAG FOR F760 & F749'S  | 1   |
| I-F7246       | INST SHEET: 66-79 FORD F250 | 1   |

### Hardware Bag Breakdown:

#### HB-F760                      HARDWARE BAG

| ITEM#     | DESCRIPTION                 | QTY |
|-----------|-----------------------------|-----|
| 916FTN    | 9/16-18 NYLON INSERT LOCKNU | 16  |
| SP2037-1  | F746 SPRING BUSHING         | 8   |
| SSF250665 | SPRG SLEEVE F250 66-79, 5/8 | 2   |
| SSF250669 | SPRG SLEEVE F250 66-79,9/16 | 2   |

### Front Installation:

**Note:** The Skyjacker Softride® front leaf springs carry an offset center pin. The new front springs will be installed with the short end towards the front of the vehicle.

1. Apply a thin coat of lithium-based grease around the polyurethane bushings & insert into each eye of the new front leaf springs, then apply a thin coat of grease on the outside of the bushings. Insert one "thin wall" sleeve (front eye of the spring) & one "thick wall" sleeve (rear eye of the spring) in each leaf spring.
2. Raise the front of the vehicle, support securely with jack stands under the frame & block the rear wheels.
3. Remove the tires, OEM shocks, & OEM u-bolts. Note: Once the OEM u-bolts are removed, the front axle will be free to move, so support securely with a floor jack.
4. Unbolt & remove the OEM front leaf springs.
5. Install the new Skyjacker front leaf springs with the short end towards the front of the vehicle. Note: Do not tighten the leaf spring eye bolts at this time.
6. Using a floor jack, raise the front axle to the leaf springs. Note: Be sure the tie bolts align & fit down into the holes in the axle housing. Install & evenly tighten the new Skyjacker u-bolts.
7. Install the new Skyjacker front shocks, tires, & lower the vehicle to the ground.
8. Once the weight of the vehicle is on the new Skyjacker front leaf springs, tighten the spring eye bolts.

## **Rear Installation:**

9. Raise the rear of the vehicle, support securely with jack stands & block the front wheels.
10. Remove the tires, OEM shocks, & OEM u-bolts. **Note:** Once the OEM u-bolts are removed, the rear axle will be free to move, so support securely with a floor jack.
11. **Kits with rear leaf springs:** Unbolt & remove the OEM rear leaf springs.
12. Install the new Skyjacker rear leaf springs with the long end of the leaf spring towards the rear of the vehicle. **Note:** On springs with a bottom degree shim, the thick end of the shim must also be towards the rear bumper of the vehicle. If the rear of the vehicle sits higher than the front, the OEM rear block may be removed to lower rear down, if desired.
13. **Kits with rear blocks:** Install the new Skyjacker blocks with the tall end toward the rear of the vehicle, between the leaf springs & the OEM blocks. **Note:** The new Skyjacker blocks will be installed on top of the OEM blocks.
14. **Kits with rear add-a-leafs:** Place a C-clamp around the OEM rear leaf spring pack within approximately 6" of each side of the tie bolt & remove the OEM tie bolt from the OEM leaf spring pack.
15. Install the new Skyjacker Add-a-Leaf between the OEM leaf spring pack & the OEM bottom overload leaf. Insert new Skyjacker tie bolt from the bottom going through the OEM overload, the new Skyjacker Add-a-Leaf, & the OEM leaf spring pack. Tighten the tie bolt nut & remove the C-clamp from the OEM leaf spring pack.
16. Using a floor jack, raise the rear axle to the leaf springs. **Note:** Be sure the tie bolts align & fit down into the holes in the axle housing. Install & evenly tighten the new Skyjacker u-bolts.
17. Install the new Skyjacker rear shocks, tires, & lower the vehicle to the ground.
18. **Kits with rear leaf springs:** Once the weight of the vehicle is on the rear leaf springs, tighten the spring eye bolts.

## **FINAL NOTES:**

- After the installation is complete, double check that all nuts & bolts are tight. Refer to the following chart below for the proper torque specifications. (Do not retighten the nuts & bolts where thread lock compound was used.)
- With the vehicle placed on the ground, cycle the steering lock to lock & inspect the steering, suspension, brake lines, front & rear drivelines, fuel lines, & wiring harnesses for proper operation, tightness, & adequate clearance.
- Have the headlights readjusted to the proper settings.
- Have a qualified alignment center realign the front end to the factory specifications.
- Retorque all the bolts after the first 100 miles.

| <b><u>TORQUE SPECIFICATIONS</u></b> |                |                |                             |                  |                   |
|-------------------------------------|----------------|----------------|-----------------------------|------------------|-------------------|
| <b><u>INCH SYSTEM</u></b>           |                |                | <b><u>METRIC SYSTEM</u></b> |                  |                   |
| <b>Bolt Size</b>                    | <b>Grade 5</b> | <b>Grade 8</b> | <b>Bolt Size</b>            | <b>Class 8.8</b> | <b>Class 10.9</b> |
| 5/16                                | 15 FT LB       | 20 FT LB       | 6MM                         | 5 FT LB          | 9 FT LB           |
| 3/8                                 | 30 FT LB       | 35 FT LB       | 8MM                         | 18 FT LB         | 23 FT LB          |
| 7/16                                | 45 FT LB       | 60 FT LB       | 10MM                        | 32 FT LB         | 45 FT LB          |
| 1/2                                 | 65 FT LB       | 90 FT LB       | 12MM                        | 55 FT LB         | 75 FT LB          |
| 9/16                                | 95 FT LB       | 130 FT LB      | 14MM                        | 85 FT LB         | 120 FT LB         |
| 5/8                                 | 135 FT LB      | 175 FT LB      | 16MM                        | 130 FT LB        | 165 FT LB         |
| 3/4                                 | 185 FT LB      | 280 FT LB      | 18MM                        | 170 FT LB        | 240 FT LB         |

- The above specifications are not to be used when the bolt is being installed with a bushing.

**Seat Belts Save Lives, Please Wear Your Seat Belt.**