



2005 - 2017 Toyota Tacoma
 2006 - 2017 Toyota 4Runner
 2007 - 2014 Toyota FJ Cruiser
2" Leveling Kit
Installation Instructions

REQUIRED TOOL LIST:

- Safety Glasses
- Metric / Standard Wrenches & Sockets
- Ball Joint / Tie Rod Remover
- 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.

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 of the vehicle (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: _____

Important Notes:

- This leveling kit is **not designed** to be used on the following models:
 - Toyota Tacoma **TRD** or **T/X Baja** models
 - Toyota 4Runner **Trail Edition**, **TRD Pro**, or **X-REAS** models
- If larger tires (10% more than the OEM diameter) are installed, speedometer recalibration will be necessary. Contact your local Toyota dealer or an authorized dealer for details.
- After installation, a qualified alignment facility is required to align the vehicle to the OEM specifications.

Component Box Breakdown:

Part #: TT20MS

| Item # | Description | Qty |
|-------------|---------------------------|-----|
| TC520MS-S | TACOMA FRONT METAL SPACER | 2 |
| HB-716X2DES | HDWR BAG: 7/16 X 2 STUDS | 1 |

| Item # | Description | Qty |
|----------|--------------------|-----|
| I-TT20MS | INST SHEET: TT20MS | 1 |

Hardware Breakdown:

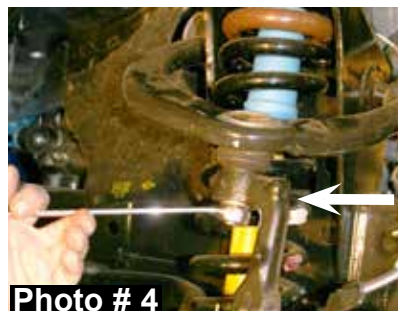
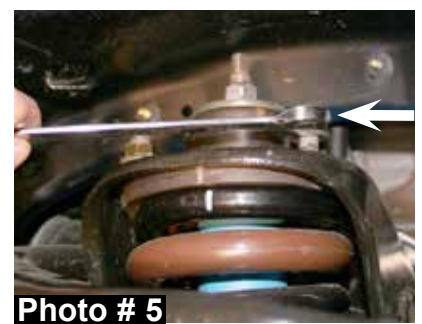
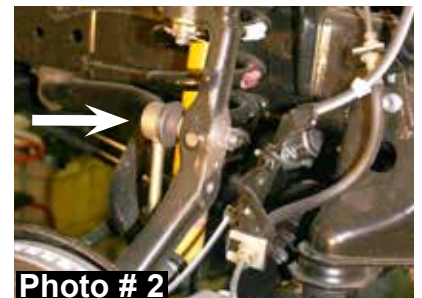
Part # HB-716X2DES

| Item # | Description | Qty |
|----------|----------------------------|-----|
| 716X2DES | 7/16 X 2 DOUBLE ENDED STUD | 6 |
| 716SAEW | 7/16 SAE WASHER | 6 |

| Item # | Description | Qty |
|--------|-----------------------------|-----|
| 716FTN | 7/16 FINE THREAD LOCK NUT | 6 |
| LT100 | NUTS N' BOLTS 427 1 ML TUBE | 1 |

Installation:

1. With the vehicle on flat level ground, set the emergency brake, & block the rear tires / wheels.
2. Raise the front of the vehicle & support the vehicle securely using jack stands.
3. Remove the front tires / wheels.
4. Remove the OEM ABS lines from the OEM upper A-arms & disconnect the OEM ABS / brake lines from the OEM steering knuckles. (See Photo # 1)
5. Disconnect the OEM sway bar end links from the OEM steering knuckles. (See Photo # 2)
6. Disconnect the OEM outer tie rods from the OEM steering knuckles using a tie rod remover or other suitable tool. (See Photo # 3)
7. Disconnect the lower strut mounts from the OEM lower A-arms.
8. Disconnect the OEM upper A-arms from the OEM steering knuckles using a ball joint remover or other suitable tool. (See Photo # 4)
9. Remove the upper strut mounting bolts from the OEM upper frame mounts & remove the OEM strut assemblies. (See Photo # 5)



10. Assemble the new Skyjacker front metal spacers using the supplied 7/16" x 2" double ended studs & thread locking compound. (See Photo # 6)
11. Install the new Skyjacker front metal spacers to the top of each OEM strut assembly using the OEM hardware. (See Photo # 7)
12. Connect the new strut assemblies to the OEM lower A-arms using the OEM hardware.
13. Connect the new strut assemblies to each upper frame mount using the supplied 7/16" fine thread nuts & washers. (See Photo # 8)
14. Connect the OEM upper A-arms to the OEM steering knuckles using the OEM hardware. **Note:** It may be necessary to use a pry bar to pull the OEM A-arms down enough to reattach.
15. Connect the OEM outer tie rods to the OEM steering knuckles using the OEM hardware.
16. Connect the OEM ABS / brake lines to the OEM upper A-arms using the OEM hardware. (See Photo # 9)
17. Connect the OEM sway bar end links to the OEM steering knuckles using the OEM hardware. (See Photo # 9)
18. Install the front tires / wheels & lower the front of the vehicle to the ground.

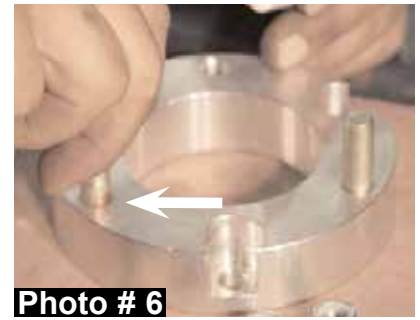


Photo # 6



Photo # 7

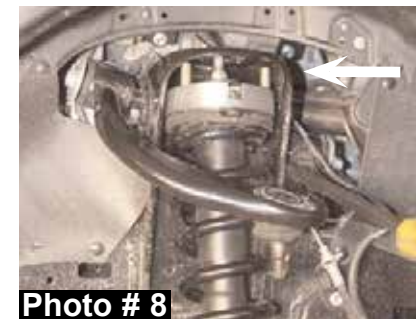


Photo # 8

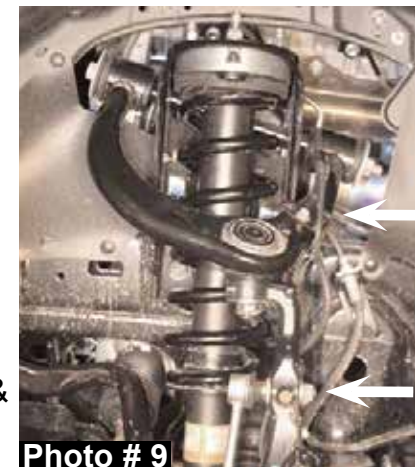


Photo # 9

Final Notes:

- After the installation is complete, double check that all nuts & bolts are tight. Refer to the following chart 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 align the vehicle to the OEM specifications.
- After the first 100 miles, check all of the hardware for the proper torque & periodically thereafter.

TORQUE SPECIFICATIONS

| <u>INCH SYSTEM</u> | | | <u>METRIC SYSTEM</u> | | |
|--------------------|----------------|----------------|----------------------|------------------|-------------------|
| Bolt Size | Grade 5 | Grade 8 | Bolt Size | Class 8.8 | Class 10.9 |
| 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.