



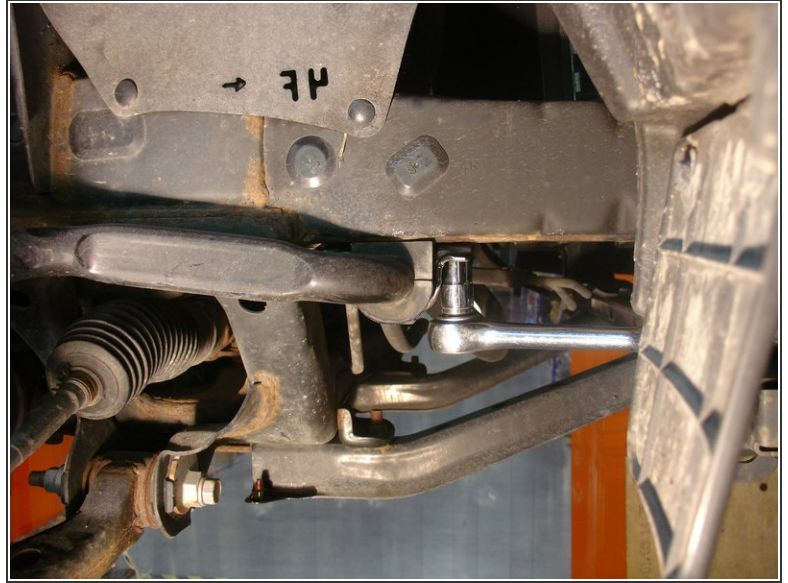
TOYOTA FJ CRUISER 2007-2014

FLS-87048_revf

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Step 1 — Front shocks installation



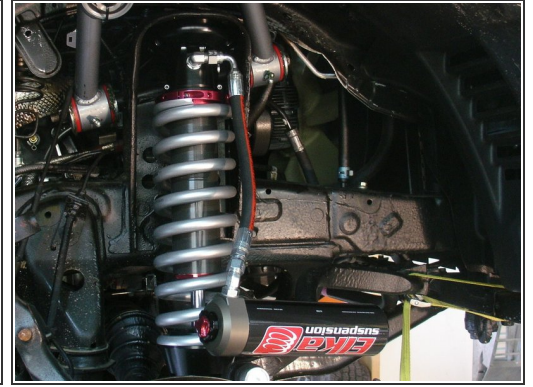
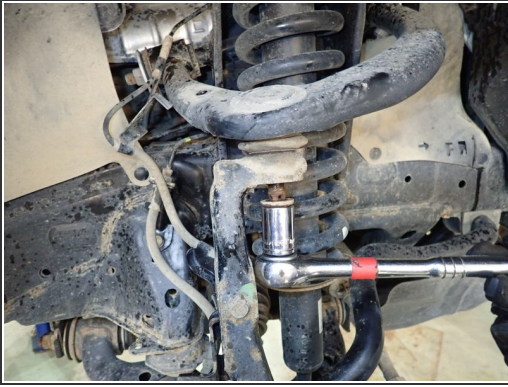
- Lift the vehicle off the ground, then remove tires.
- Remove front skid plate to have access to the sway bar.
- Remove bolts holding sway bar to the frame.

Step 2 — Front shocks installation (continued)



- Remove sway bar link from knuckle.
- Remove brake line brackets from knuckle and top of upper arm.
- Remove the 3 nuts from the upper mount, and lower shock bolt.

Step 3 — Front shocks installation (continued)



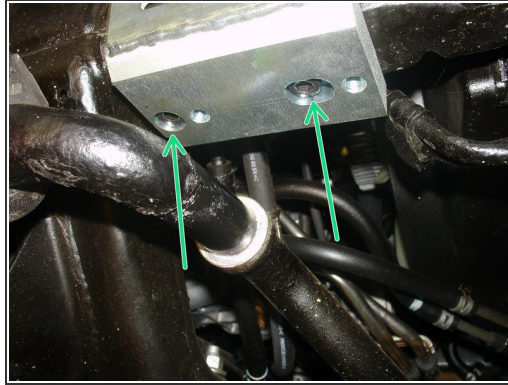
- Remove upper arm ball joint nut and separate it from steering knuckle.
- Raise upper arm to allow space to remove and install the shocks.
- Install Elka shocks with the hose fitting facing front of vehicle. (right side shown)

Step 4 — Front shocks installation (continued)



- Install 3 supplied upper bolts and washers but don't fully tighten them.
- Re-install the lower oem bolt then tighten all the bolts.

Step 5 — Front shocks installation (continued)



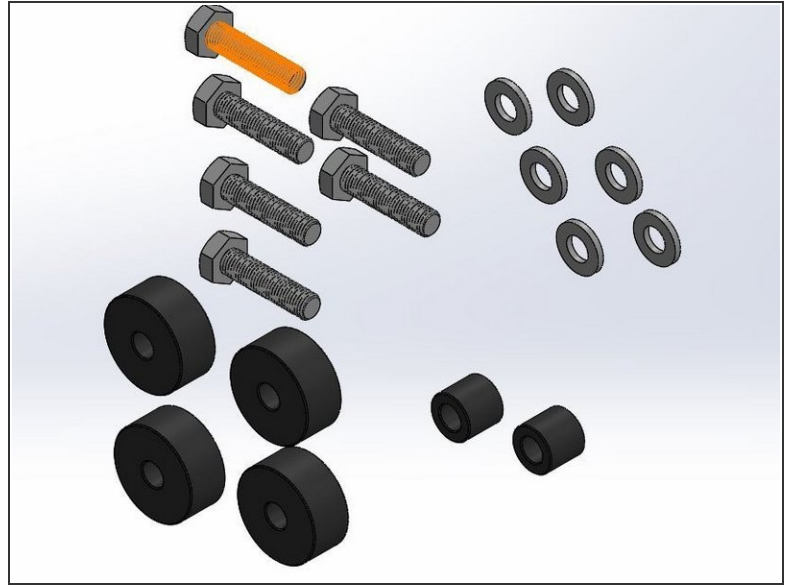
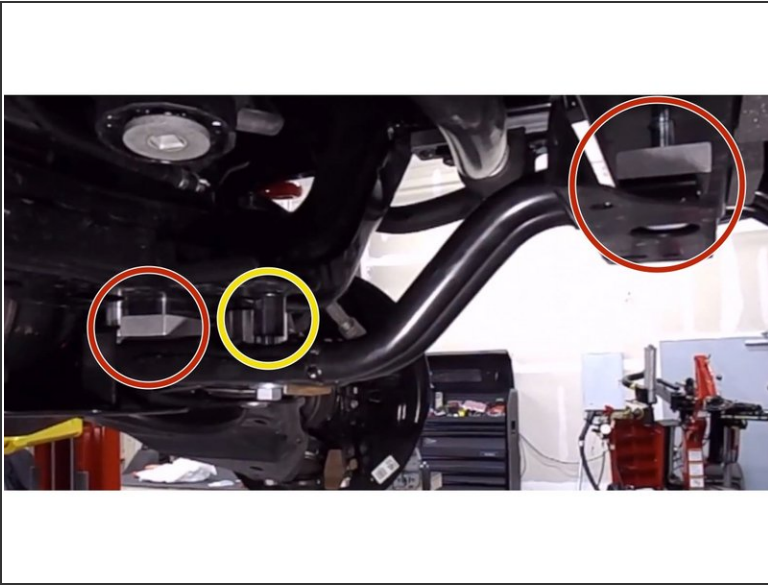
- With the longer supplied bolts, and using counter bore holes, fix the reservoir brackets in the sway bar mounting holes (right side shown).
- For Elka shocks without réservoir, use supplied rectangular spacers to move the sway bar forward. Use the spacer with an "L" on left side, with the arrow pointing forward the vehicle. Do the same with the "R" spacer on the right side.

Step 6 — Front shocks installation (continued)



- Sit the reservoir into bracket, locating it as high as possible while aligning the hose as close to the chassis possible. (right side shown)
- **MAKE SURE THE HOSE IS NOT RUBBING ANYWHERE AND DO NOT OVERBEND IT.**
- Align upper collar so do not interfere with the upper arm in the area shown by the red circle.
- Tighten collars

Step 7 — Installing the front shocks (continued)



- To avoid interference with the brackets that secure the radiator and the sway bar, install the spacers supplied between the brackets and the frame as shown. Use the big spacers in the places shown with red circles and small spacers in the place indicated by a yellow circle. Secure with the longer bolts provided.

Step 8 — Front shocks installation



- Install upper arm, sway bar link, brake line and install sway bar with the shorter supplied bolts into the Elka bracket as shown.
- **ALIGNMENT IS CRITICAL:** A professional alignment must be performed before driving this vehicle at highway speeds. Do not attempt to drive your vehicle after this install without having the alignment readjusted to factory specs.

Step 9 — Rear shocks installation



- Remove the rear oem shocks.
- Apply supplied grease on upper Elka shocks isolators.
- Install lower mount first, then compress shock to slide upper stud in place. Must have 1 isolator under and 1 over the shock mounting.
- Shock hose must be installed facing rear of vehicle. (Right side shown)

Step 10 — Rear shock installation (continued)



- Remove plastic caps located rearward the rear wheels outside and Inside the frame.
- Slide right side bracket bolt into frame's hole with supplied hardware as shown. Be careful installing spacers on the side with the smallest diameter into the frame's holes to center the bolt hole.

Step 11 — Rear shock installation (continued)



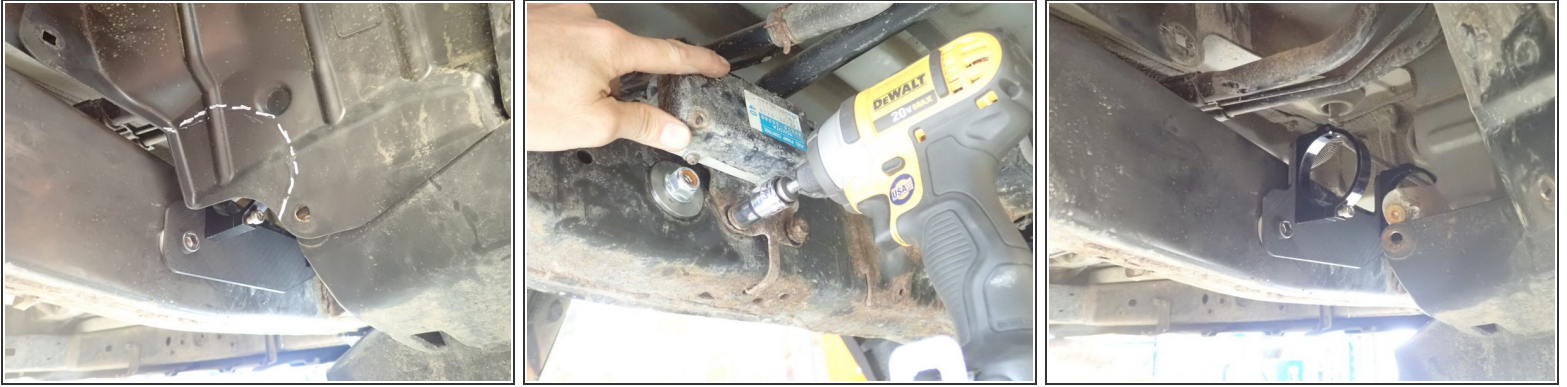
- Use second spacer and provided nut to fix bracket in place.
- When the bracket has been tight in horizontal position, secure it with the provided steel collar around the frame. Be careful to not place the collar screw where the rezzy will be installed.

Step 12 — Rear shock installation (continued)



- Slide reservoir into bracket clamps.
- To avoid any interference with wheels in fully compressed suspension situation, fix reservoir as far back as you can and turn it to put the hose closest to the frame possible as shown.
- Torque clamp bolts at 12 ft-lbs.

Step 13 — Rear shock installation (continued)



- For the left side of vehicle, the Wheel liner should be cut to allow space for reservoir as shown by the dotted line on picture.
- Also, you may have to move up fuel pump controller by unscrewing it and tighten it higher.
- Follow same steps as the left side for fixing reservoir bracket.

Step 14 — Rear shock installation (continued)



- Left side reservoir installation shown.
- **"ALIGNMENT IS CRITICAL:** A professional alignment must be performed before driving this vehicle at highway speeds. Do not attempt to drive your vehicle after this install without having the alignment