



SDI ***E-CLIK***

***SDI E-CLIK Shock
Installation Manual
Toyota Tacoma
2005-2022***

SDi E-CLIK Shocks Toyota Tacoma Installation Manual

E-CLIK Shocks Toyota Tacoma Package Contents

1. 2x Front Coil-over Shocks
2. 2x Rear Shocks

Required Tools

1. Wheel Chocks
2. 3-Ton Floor Jack and Flat Top Jack Stand
3. Ratchet
4. Torque Wrench
5. Metric Wrench and Socket Set
6. Standard Wrench and Socket Set
7. Impact (optional)

Estimated Installation Time

2 hours

SDi E-CLIK Shocks Location Instruction

Each of the 4 shocks included in the E-CLIK System is designed to be mounted in one specific location.

The location of each shock can be determined by looking at the sticker installed on the reservoir of the shock, and by reading the location code at the end of the product number (see pictures and code description below):

- FL → Front Left Shock (Front Driver Side)
- FR → Front Right Shock (Front Passenger Side)
- RL → Rear Left Shock (Rear Driver Side)
- RR → Rear Right Shock (Rear Passenger Side)



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1. Install Front Shocks

Make sure vehicle is on level ground, in park and parking brake is on.

Remove Front Stock Shocks:

- a. Place wheel chocks on the rear wheels of the vehicle.
- b. Jack up the front side of the vehicle with 3-Ton Floor Jack.
- c. Place 3-Ton Flat Top Jack Stands under the front side of the frame.
- d. Remove front wheels.
- e. Unbolt the ABS line from the upper control arm with 10mm socket.
- f. Unbolt the sway bar link nut from the steering knuckle with 17mm wrench and a 6mm Allen key.
- g. Pull the upper ball joint pin, loosen the upper ball joint nut with 19mm socket.
- h. Separate the upper control arm from the steering knuckle.
- i. Repeat on other side.
- j. Unbolt bottom bolt and nut of the front left shock with 19mm socket and 19mm wrench.
- k. Unbolt the 3x top nuts of the front left shock with 14mm socket and 14mm wrench.
- l. Remove front left stock shock and keep hardware for install of new shock.
- m. Repeat on front right side.

Install Front SDi Shocks:

- a. Place SDi E-CLIK front left shock.
- b. Secure top mounting plate of the front left shock using the 3x supplied mounting bolts and washers. Do not fully tighten yet.
- c. Secure rod end of the front left shock using the stock bolt, nut, and washers.
- d. Reinstall the upper control arm to the steering knuckle and install previously removed upper ball joint nut.
- e. Reinstall the ABS line to the upper control arm with 10mm socket.
- f. Tighten the top mounting bolts at 47 ft.lbs with 9/16" socket and torque wrench.
- g. Tighten the bottom bolt and nut to manufacturer's specifications (63 ft.lbs) with 19mm wrench, 19mm socket and torque wrench.
- h. Tighten and torque the upper ball joint nut to manufacturer's specifications (100 ft.lbs) with 19mm socket and torque wrench. Replace the upper ball joint pin after tightening.
- i. Repeat on front right side.
- j. Reinstall the sway bar link and nut to the steering knuckle with 17mm wrench and a 6mm Allen key.
- k. Tighten the sway bar link nut to manufacturer's specifications (52 ft.lbs) with 17mm socket and torque wrench.
- l. Repeat on front right side.

Install Front Reservoir Brackets and Sway Bar Relocation Mounts:

- a. Unbolt the 4x skid plate bolts with 12mm socket.
- b. Remove the skid plate.
- c. On one side only, remove the sway bar mounting bolts with 14mm socket.
- d. Slide the Reservoir Bracket between the frame and the sway bar bracket.
- e. Place the Sway Bar Relocation Mount between the Reservoir Bracket and the sway bar bracket, and secure it with the sway bar stock mounting bolts.
- f. Tighten sway bar stock mounting bolts at 30 ft.lbs with 14mm socket and torque wrench.
- g. Reinstall the sway bar bracket to the Sway Bar Relocation Mount threaded holes using the supplied hardware.
- h. Tighten sway bar supplied mounting bolts at 30 ft.lbs with 9/16" socket and torque wrench.
- i. Place the shock reservoir in the Reservoir Bracket.
- j. Secure it using the supplied hose clamps with 8mm socket.
- k. Repeat on the other front side.
- l. Reinstall the skid plate.
- m. Tighten the 4x skid plate stock bolts with 12mm socket.
- n. Reinstall the front wheels.
- o. Check clearance between brake line and tire by turning front wheels fully left and right.
- p. Jack up the front side of the vehicle with 3-Ton Floor Jack.
- q. Remove the 3-Ton Flat Top Jack Stands.
- r. Jack down the front side of the vehicle.
- s. Torque front wheels lug-nuts to the wheel manufacturer's specifications.

2. Install Rear Shocks

Make sure vehicle is on level ground, in park and parking brake is on.

Remove Rear Stock Shock:

- a. Place wheel chocks on the front wheels of the vehicle.
- b. Jack up the rear side of the vehicle with 3-Ton Floor Jack.
- c. Place 3-Ton Flat Top Jack Stands under the rear side of the frame.
- d. Remove both rear wheels.
- e. Unbolt bottom bolt and nut of the rear shock with 17mm socket and 17mm wrench.
- f. Unbolt top nut of the rear shock with 14mm wrench.
- g. Remove rear stock shock and keep hardware for install of new shock.

Install Rear SDi Shocks:

- h. Place SDi E-CLIK rear shock, make sure you follow top parts order as shown (Bottom Bushing over Spacer with Dowel Pin)
- i. Secure supplied top nut washer and bushing with 3/4" wrench.
- j. Initially leave it loose so you can swing the shock up and get the lower mount of the shock into the axle mount.
- k. Secure stock bottom bolt and nut with 17mm socket and 17mm wrench.
- l. Tighten top nut with 3/4" wrench.
- m. Tighten bottom bolt and nut to manufacturer's specifications (75 ft.lbs) with 17mm socket and torque wrench.
- n. Repeat on the other rear side.
- o. Reinstall the rear wheels.
- p. Jack up the rear side of the vehicle with 3-Ton Floor Jack.
- q. Remove the 3-Ton Flat Top Jack Stands.
- r. Jack down the rear side of the vehicle.
- s. Torque rear wheels lug-nuts to the wheel manufacturers specifications.

Refer to “SDI-IM-2251003 - E-CLIK Electronics Toyota Tacoma-4Runner Installation Manual” for the installation of the E-CLIK Electronics System.