



SDi E-CLIK

***SDi E-CLIK Shocks
Installation Manual***

Jeep

Wrangler/Rubicon JK 2/4 Door

SDi E-CLIK Shocks Jeep Wrangler/Rubicon JK 2/4 Door Installation Manual

Compatible E-CLIK System

1. E-CLIK (Switch controlled)
2. E-CLIK ACTIVE (Touch Screen + Silver Selecting Ring Controller)
3. E-CLIK PRO (Touch Screen + Black Selecting Ring Controller)

E-CLIK Shocks Jeep JK Package Content

1. 2x Front Shocks
2. 2x Rear Shocks
3. 2x Front Shocks Upper Mounts + Hardware
4. 1x Rear Left Shock Upper Mount + Hardware
5. 1x Rear Right Shock Upper Mount + Hardware

Required Tools

1. Wheel Chocks
2. 3-Ton Floor Jack and Flat Top Jack Stand
3. Ratchet and Extension
4. Torque Wrench
5. 14mm Wrench
6. 16mm Socket
7. (2x) 18mm Wrench
8. 18 mm Socket
9. 24mm Socket
10. 24mm Wrench
11. Impact (optional)

Estimated Installation Time

1 to 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)



SDi E-CLIK Shocks Jeep Wrangler/Rubicon JK 2/4 Door Installation Manual

1. Install Front Shocks

Make sure vehicle is in park and parking brake is on.

Remove Front Stock Shock:

- 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 tires and wheels.
 - i. It can be helpful to have your jack underneath the differential of the front axle to keep the axle from drooping out when you remove the stock shock.
- e. Unbolt bottom bolt and nut of the front left shock with 18mm socket and 18mm wrench.
- f. Unbolt top nut of the front left shock with 14mm wrench.
- g. Remove front left stock shock and keep lower mount hardware for install of new shock.

Install Front SDi Shocks:

- h. Install the front upper mount with the supplied hardware using the 24mm wrench and socket. Torque to 100 ft/lbs.
- i. Place SDi E-CLIK front left shock.
- j. Install the supplied top bolt and nut with 18mm socket and wrench.
- k. Install stock bottom bolt and nut with 18mm socket and 18mm wrench.
- l. Tighten top bolt and nut at 65 ft/lbs with 18mm socket and torque wrench.
- m. Tighten bottom bolt and nut at 55 ft/lbs with 18mm socket and torque wrench.
- n. Repeat on front right side.
- o. Reinstall the front wheels and tires.
- p. Check clearance between brake line and tire by turning front wheels fully left and right.
- q. Jack up the front side of the vehicle with 3-Ton Floor Jack.
- r. Remove the 3-Ton Flat Top Jack Stands.
- s. Jack down the front side of the vehicle.
- t. Torque front wheels lug-nuts to the wheel manufacturer's specifications.

2. Install Rear Shocks

Make sure vehicle is 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 rear tires and wheels.
 - i. It can be helpful to have your jack underneath the differential of the rear axle to keep the axle from drooping out when you remove the stock shock.
- e. Unbolt top bolt of the rear left shock with 16mm socket.
- f. Unbolt bottom bolt and nut of the rear left shock with 18mm socket and 18mm wrench.
- g. Remove rear left stock shock and keep hardware for install of new shock.

Install Rear SDi Shocks:

- h. Confirm the mount is labeled Left → and the arrow points out. Install upper bracket with the supplied hardware using 16mm socket and extension. Torque to 37 ft/lbs.
- i. Place SDi E-CLIK rear left shock into upper bracket
- j. Secure stock top bolt with 2x 18mm wrenches.
 - i. Initially leave it loose so you can swing the shock up and get the lower end of the shock into the mount.
- k. Secure stock bottom bolt and nut with 18mm socket and 18mm wrench.
- l. Tighten top bolt at 65 ft/lbs with 18mm socket and torque wrench.
- m. Tighten bottom bolt and nut at 55 ft/lbs with 18mm socket and torque wrench.
- n. Repeat on rear right side.
- o. Reinstall the rear wheels and tires.
- 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-2051004.v2 - E-CLIK Electronics Jeep JK Installation Manual” for the installation of the E-CLIK Electronics System.