



# TRAXDA

Lift Kits - Made in USA

### SAFETY WARNING!

Always use the correct tools, and wear safety goggles. We STRONGLY recommend installation by a licensed mechanic on a properly secured locking lift.

### TIRE FITMENT ADVICE.

The best way to ensure proper tire fitment is to install the kit before purchasing your wheels and tires. Always test fit tires and wheels before purchasing.

### VEHICLE RIDE WARNING!

Trucks with lift or level kits installed have a higher center of gravity. Aggressive and sudden direction changes may cause a tip over.

### Installation Tips.

Always use caution handling ABS or wheel sensor wiring. Avoid tension of any kind on wiring harness as this may cause damage or failure.

1. Trucks are often not level side to side from the factory. Please measure before installation and note the measurements below.
2. Re-torque all hardware to manufacturers specifications.
3. When aligning, to get the best tire wear use our supplied specifications. OEM specifications are for trucks with stock wheels and tires. Larger tires will wear differently.
4. All instructions are written with vehicle on a 2-post lift with tires removed.

### Alignment Notes.

We recommend that a technician with experience doing alignments on lifted trucks perform the alignment. Large tires wear differently than OEM sized tires. Always do an alignment after changing tires on a vehicle.

## Ride Height Chart

### Driver Front:

Stock height

Lifted height

### Driver Rear:

Stock height

Lifted height

### Pass. Front:

Stock height

Lifted height

### Pass. Rear:

Stock height

Lifted height

# Installation Instructions - Kit # 102040 - 2011-2013 Ford Explorer Front & Rear Lift Kit

## Front - 1



Raise vehicle on jack stands and remove wheels. Disconnect the ABS and brake hose.

## 2



Loosen & remove the axle nut, and push the axle through the spindle.

## 3



Disconnect sway bar end link from strut.

## 4



Disconnect tie rod end.

## 5



Remove the lower strut mounting bolts from the spindle. you may need to carefully tap the bolts with a hammer to fully remove them.

## 6



Remove nuts from upper strut mount. Support weight of strut before removing final nut. Remove strut from vehicle.

## 7



Using a spring compressor remove upper strut mount from strut. Cut off nipples from rubber isolator.

## 8



Install spring preload spacers between strut mount and rubber isolator. Reattach strut mount to strut.

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9



Install the Traxda spacer on strut using factory hardware. Reinstall, making sure the curved edge of strut mount faces the engine, and the notched edge of the spacer faces away from the engine.

10



Reinstall upper strut mounting nuts. Do not tighten fully.

11



Reinstall lower strut mounting bolts while guiding axle through the spindle. Tighten all strut nuts fully, upper and lower.

12



Install Traxda sway bar extension bracket with provided hardware. Tighten the sway bar end link to the Traxda bracket.

13



Re-tighten the axle nut, reinstall the tie rod (above) and the ABS/brake lines.

Rear - 1



Remove sway bar end link from knuckle on both sides of vehicle.

2



Remove the lower shock mounting bolt.

3



Loosen, but do not remove, the lower control arm (LCA) bolt at the frame.

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4



Support the LCA with a floor jack and remove the mounting bolt at the steering knuckle. Carefully lower LCA and remove the coil spring.

5



Cut off both nipples from the rubber spring isolator.

6



Install the Traxda spring spacer onto the coil spring.

7



Reinstall coil spring, making sure the bottom of the spring lines up correctly in the LCA, see image.

8



Using floor jack apply pressure to LCA until it lines up with knuckle and replace bolt. Do not tighten LCA until vehicle is back on ground.

9



Install lower shock extension to shock and knuckle.

Repeat steps Rear 2 - 9 on other side. Reinstall both sway bar links. Check all hardware is mounted at correct torque settings. Recheck all work, and reinstall wheels. Re-tighten Lower Control Arm mounting bolts.

Test drive, then have a trained technician perform an alignment.