KA09100BK
2006-12 KIA SORENTO
2WD/4WD FRONT & REAR KIT
2.5’ LIFT
Thank you for choosing Daystar Products

Daystar recommends a certified technician install this system. In addition to these instruction, professional knowledge of disassemble/reassembly procedures as well as post instructions checks must be known. Attempts to install this system without this knowledge and expertise may jeopardize the integrity and/or operating of the vehicle.

Please read all the instructions before beginning the installation. Check the kit hardware against the parts list. Be sure you have all the needed parts and understand where they go. If anything is missing, do not proceed with the installation, Call Daystar Products to obtain needed items.

Product Use Information

As a general rule, the taller a vehicle is the easier it will roll. We strongly recommend, because of rollover possibility, that Seat belts and shoulder harness be worn at all times. Avoid situations where a side rollover may occur.

Braking performance and capabilities are decreased when significantly large/heaver tires and wheels are used. Take this into consideration while driving. Also, speedometer recalibration is necessary when larger tires are installed.

Do no add, alter, or fabricate any factory or after-market parts which increase vehicle height over the intended height of the Daystar Product purchased. Mixing component brands, lifts, and/or combining body lift with suspension lift voids all warranties. Daystar makes no claims regarding lifting devices and excludes any and all implied claims. We will not be responsible for any products that is altered.

Notice to Dealer and Vehicle Owner

Any vehicle equipped with any Daystar Product must have the “Warning to diver” decal installed on the sun visor or dash. The decal is to act a constant reminder for whoever is operating the vehicle of its unique handling characteristics. INSTALLING DEALER—Its is your responsibility to install the warning decal and forward these instructions on too the vehicle owner for review and to be kept in the vehicle for service life.

After installation occurs, a qualified alignment facility is required to align the vehicle to factory specs.

IMPORTANT NOTE: The advertised amount of lift that this kit provides and the thickness of the spacers supplied will not be the same! For example, a 2-1/2” lift may only have 1-1/2” thick spacers. The reason for the difference between the spacer thickness and the amount of lift has to do with suspension geometry. There is a ratio involved, and it is this ratio that determines the thickness of the spacers. Rest assured, installing the spacer supplied will result in the proper amount of lift out at the wheel.
**Installation steps**

1. Place the vehicle on a clean and level ground.
2. Open the hood and disconnect the battery and remove from vehicle.
3. Remove the 4 14mm battery try bolts and the one nut at the fuse box.
4. Remove the cover off the plug box and the 10mm nut from the center of the box.
5. Pull up on the box to get to the 2 12mm bolts under the box and remove push the bracket and box out of the way.
6. Push the purge valve bracket and plug box out of the way so you can get to the 3 upper strut nuts.

7. Lessen the 1 clamp for the air intake hose at the air filter box.
8. Release the 4 air filter cover clips.
9. Remove the lid and the air filter.

10. Remove the bolt at the front of the lower air filter box and pull up on the base and remove from vehicle.
11. Jack up the vehicle and place jack stands under the frame rail behind the front tires lower down.
12. Remove the 2 front tires.
13. Disconnect both lift and right side sway bare end links.
14. You may have to place the floor jack under the lower control arm and take some load off the end link.

15. Disconnect the brake line off the strut and abs sensor off the front wheel.

16. Remove the 3 upper strut nuts.
17. Remove the lower strut nut.
17. Remove the upper ball joint pinch bolt and abs and brake line brackets.
18. Push down on the upper arm to relieve the presser on the pinch bolt to pull out the bolt.
19. When remove the upper ball joint from the spindle.

20. With the upper a-arm lose from the knuckle push down on the lower control arm free up the strut from the upper mount.
21. Pull out the lower strut bolt and remove the strut.
22. With the strut removed install the 3 stud extenders with thread lock.

23. Install the lift spacer on top of the strut plat with the 3 stud extenders.
24. Install the strut by pushing the upper control arm up and the lower control arm down.
25. Make sure that the brake line is in the right location.

26. Put the 3 upper strut not on but leave loss.
27. Install the lower strut bolt and nut.
28. Reinstall the upper ball joint to knuckle and brake line and abs line with the pinch bolt.
29. Reinstall the abs sensor and tighten all the upper strut bolts and lower bolts.
30. Install the battier tray and air box assemblies.

31. Repeat steps 14 through 29.
32. After both front lift spacer are installed, reinstall the front wheels and lower to the ground and reinstall the sway bar end links.
33. Jack up the rear suspension and put the jack stands under the frame rail in front of the rear tires and remove the tires.
34. Leave the floor jack under the axle.
35. Disconnect the sway bar end links and rear shocks at the axle and the track bar on the driver side.
36. Lower down the axle tell the coil springs are loss so you can rear move them.
37. Remove the stock spring isolator.

38. Install the coil spring into the New Lift spring spacer and install it in the upper spring mount.
40. Jack up the axle and reconnect the shocks, track bar and sway bar end link.

41. Tighten all the bolts on the rear axle to factory spec.
42. Install the rear tires.
43. Lower off the jack stands.
44. Tighten lug nuts to 90ft pounds.
TOOLS NEEDED

FLOOR JACK
JACK STANDS
METRIC TOOLS
FLATE HEAD SCREW DRIVER

BILL OF MATERIALS

M03724 X 2 FT SPACERS
M03858 X 2 REAR SPACERS
BU76116 X HARDWARE