

21-Up Mitsubishi Outlander 2" Level Lift Installation

Front:

1. Remove the factory mounting nut. Mark the windshield wiper location against the shaft for reinstallation. Gently lift up on the wiper arm while slightly twisting. The arm should pop off the shaft.
2. Remove the factory molding clip on the driver side connecting the molding to the wiper cowl.
3. Remove the factory molding clip on the passenger side connecting the molding to the wiper cowl.
4. Locate the x7 plastic clips holding the cowl to the body. Remove all the clips and set aside. Gently lift up on cowl from the engine bay side, while lifting pull towards the front of the vehicle to disengage from the windshield. Once disengaged from the windshield, set aside in the engine bay.
5. Remove the upper sway bar end link from the strut to allow more room for the suspension to travel.
6. Support the lower control arm with a support jack. Remove the 3 upper strut bolts from the strut tower.
7. Lower the jack to allow the suspension to droop out. Make sure that the brake lines and ABS wires are free and clear from any obstruction.
8. Install the provided strut spacer onto the strut mount using the factory hardware. This is a tight fit to get the strut spacer and bolts into place. Use of a pry bar may be needed for placement of the strut spacer. The top hat can be rotated to access the bolts. Once all have been started, tighten all down.
9. Use of a stubby wrench with a ratcheting head is recommended. **Torque to 20 ft-lbs.** You may need to use a crows foot wrench head and extension to gain access for the torque wrench.
10. Raise suspension using the jack while lining the upper strut extension up with the bolt holes on the strut tower. Use of a helper will aid in the installation. Install the strut assembly to the strut tower using the provided bolts. Once all three bolts have been started, **torque to 30 ft-lbs.**
11. Re-install the x7 plastic wiper cowl clips, Re-install the passenger side molding clip making sure that all the moldings are lined up before doing so, Re-install the driver side molding clip making sure that all the moldings are lined up before doing so, Re-install both wiper blade arms in the your marked location. Re-install both wiper arm bolt caps. Re-install both wiper nozzle hoses.
12. You are now complete with the front suspension installation and can place the wheels back on the vehicle torquing them factory specs.

(turn over for rear instructions)

(continued)

REAR:

1. Make sure the rear of the car is jacked up and on proper support stands. Remove the rear wheels and begin the rear installation.
2. Make sure the rear lower control arm is supported. Loosen and remove the factory hardware.
3. Loosen but do not remove the inner eccentric bolt.
4. Lower the jack and let the control arm swing down while supporting the spring assembly.
5. Remove the rear spring.
6. Take the new spring and height adjuster and set the height adjuster on top of the new spring.
7. Install height adjuster and spring.
8. Raise the jack to seat the spacer and spring assembly properly. Make sure to bring the lower control arm into position with the knuckle while raising the jack.
9. Once in position, put the bolt in place and **torque to 75ft-lbs.**
10. Install the wheels and lower the vehicle to the ground. Torque the lug nuts to the wheel manufacturer's specs.