



Odin MK3 Skid Plate Installation Instructions

Once you receive your new Atlas Skid Plate you should have these parts:

- 1 Aluminum Skid Plate
- 4 Lock Washers
- 4 10x25mm Bolts
- 2 Front Oval Mounting Nuts
- 4 Large Flat Washers
- 2 Rear Cross Member Nuts
- 2 Insulating Washers

Tools You Will Need:

- Car Ramps with Jack Stands
- Car Jack
- Large Crescent Wrench
- Large Metric Wrenches
- Set of Metric Sockets and Driver
- #2 Phillips Screw Driver
- Small Hammer
- Anti Seize Compound

Now that you have familiarized yourself with the parts of the skid plate and prepared the tools you will need to do the job, you're ready to get started.

Step #1: Drive your car onto a set of ramps or jack your car up and place jack stands under your car. Also put your emergency brake on and block the rear tires (we recommend using both the ramps and the jack stands).

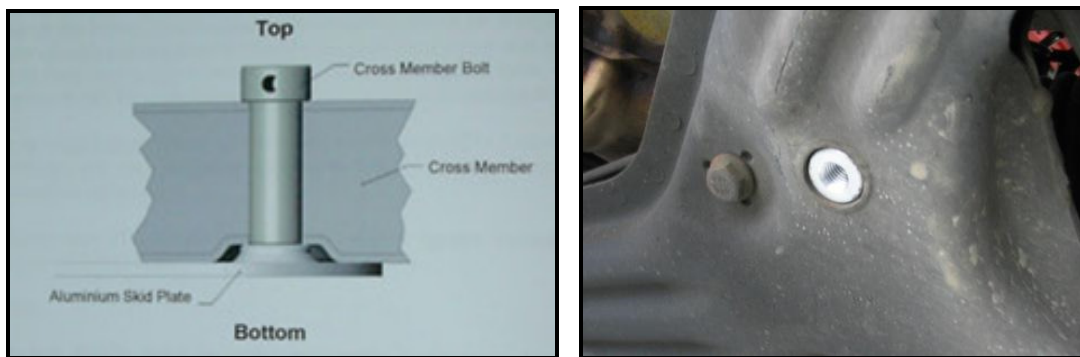
Step #2: Once the car is raised you will need to familiarize yourself with the underside of the car. Below is two pictures of where the four mounting nuts go. They are the two 2cm holes on either side of the lower subframe in the left picture and the two 2x3cm oval holes in the steel front cross member in the right picture.

Picture A: Location of where the two rear cross member nuts get installed. (Left) The two front oval holes on the front cross member. (Right)



Step #3: Starting with the rear mounting nuts, locate the two 2cm holes at the back of your lower subframe near your sway bar. Place each nut into the two holes from the top of the cross member. The flange on the nut will stop it from falling all the way through. The following two pictures show the nut installed from the bottom side of the subframe.

Picture B: Illustrating how the nut is mounted. (Left) The nut should be flush with the subframe. (Right)



Step #4: Next you will install the two front oval mounting nuts. You will require a large Crescent wrench or a 19mm wrench and possibly a small hammer. Insert the oval shaped end into one of the elongated holes in the bottom of the front cross member. You can use a small hammer to tap the oval nut to make sure it is all the way inside the hole. Next take your large Crescent wrench and turn the nut a quarter turn while holding upward pressure to keep the nut in the hole. This nut will be tight to turn in the hole as this locks the oval mounting nut onto the frame. Repeat this procedure for the second front mounting nut. Refer to the next three pictures for a before and after install of the nuts.

Picture C: Before install. (Left) Before the 1/4 turn. (Middle) Turning the mount 1/4 turn to lock in place. (Right)



Note: We recommend for you to put some Anti Seize compound on the bolts to avoid rust formation inside on the threads of the mounting hardware. Also we have provided two insulating washers that can go between the skid plate and the subframe at the back two holes of the skid plate. If your worried about Galvanic corrosion 20 years down the road because of the two different metals in contact with one another then the insulating washers will be the buffer to eliminate that from happening.

Step #5: Now that all your mounting hardware is in place you are ready to bolt the skid plate on. Start by putting a #2 Phillips screwdriver through the small hole on the top flange of one of the rear cross member nuts. Hold the skid plate up to the car and line up the rear two holes of the skid plate with the two rear cross member nuts. Install a 10x25mm bolt with a flat washer and lock washer through the skid plate and into the rear cross member nut. Don't tighten the bolt at this time, only thread the bolt in four turns for now. Next put the other bolt into the other rear cross member nut only four turns.

Now you will move to the front of the skid plate to install the bolts into the front two oval mounting nuts. Lift the skid plate so the holes line up with the front mounts. Thread the two bolts with flat and locking washer into both mounts by hand. At this point you want to make sure that the skid plate won't interfere with anything like hoses or belts ect.

Now you can tighten up the bolts. On the rear you will need to hold the nut from spinning with the #2 Phillips screwdriver while you tighten the bolt. 25 pounds of torque is all that is required for all the bolts. Now you can tighten the front two bolts. You will need to hold the front oval mounting nut with your Crescent wrench while tightening the bolt so it doesn't spin out of the elongated hole. Once the bolt is tight the mounting nut will not turn and fall out of the hole.

Picture D: Tightening the rear mount.(Left) Tightening the front mount.(Right)



Note: This skid plate is designed to fit on a stock vehicle! Any modifications you may have done to your vehicle causing fitment issues with the skid plate is your responsibility..

Congratulations!! You are done and your baby (car) is fully protected.

If you have any questions or run into any difficulties, please only contact us or the distributor you purchased from as we are the best resource to answer your questions. 250-963-3232

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