



Installation Procedures

MKIV OEM HD Skid Plate Installation Instructions

This tutorial is provided as a courtesy by ECS Tuning.

Proper service and repair procedures are vital to the safe, reliable operation of all motor vehicles as well as the personal safety of those performing the repairs. Standard safety procedures and precautions (including use of safety goggles and proper tools and equipment) should be followed at all times to eliminate the possibility of personal injury or improper service which could damage the vehicle or compromise its safety.

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Safety first:

When performing any work on your vehicle it is important that you make safety your main concern. Properly support the vehicle with jack stands on each side. Never work under a vehicle supported only by a jack.

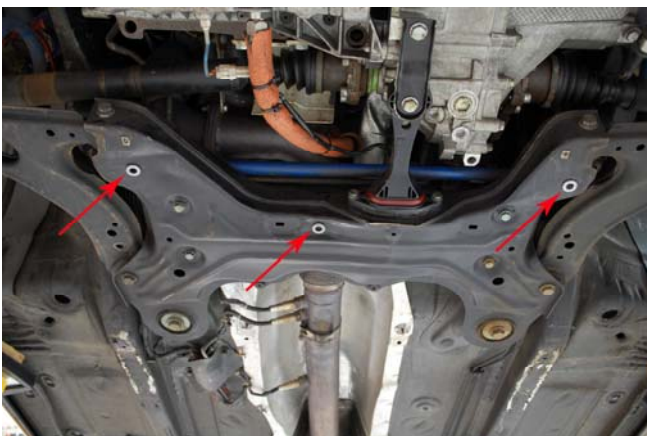
Before you undertake this installation, it is important that you read these instructions; and that you also have the necessary tools and skills required to complete the job. If the installation of this product seems overwhelming, please contact a qualified installer in your area.

Tools needed:

- Jack
- Jack Stands
- Ratchet
- 17mm socket
- 15mm socket
- 19mm wrench

Begin this installation by first removing any plastic belly pans or side shields currently on your car. They will need to be removed to make room for the brackets for the new skid plate.

After that, locate the 7 holes in the underside of the vehicle. There are 3 on the sub frame and 4 on the frame rails of the body in the front of the car. After locating the 7 mounting points you can install the rivets into the body and sub frame.



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To install these rivets you must use the supplied 10mm x 40mm flanged bolt and 19mm nut. First apply grease to all the mating surfaces of the nut and bolt and the threads of the bolt, the more grease the better. After installing the rivets you can discard this nut and bolt as it is only used to install the rivets.

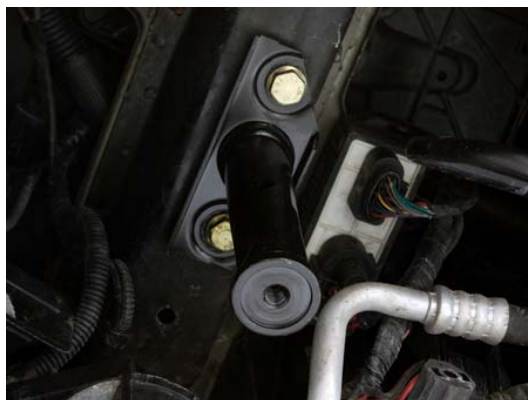


Hand tighten the rivet, bolt, and nut together and then insert it into the hole. Use a 19mm wrench to keep the nut from turning while tightening the 15mm bolt, keep steady pressure against the bolt and rivet to insure the rivet is seated correctly.

Doing this will cause the rivet to “smash” down on itself making it nearly impossible to remove. After initially getting the bolt snug, tighten the bolt to 36ft-lbs. with a torque wrench.



After installing all 7 rivets you can bolt the forward brackets to the frame using the (4) 17mm bolts.



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Also the three small brackets can be loosely installed into the sub frame, do not fully tighten these bolts until you go to install the skid plate.



Before installing the plate, slide the rubber bushings onto the skid plate.



To install the skid plate you first need to slide the rear of the plate into the rear brackets and then install the front two bolts. (Having an extra set of hands would be very helpful.) Tighten all 5 bolts holding the skid plate in place at this point and you are finished.

