



907-303 Engine Shield

Installation Instructions

For Miata 2006 to 2015

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Tools Required:

- floor jack & jack stands or ramps
- wheel chocks
- 1/4" drive ratchet
- 8mm, 1/4" drive socket
- 10mm, 1/4" drive socket
- 1/4" drive 10" extension
- Phillips screwdriver
- Flat screwdriver
- Die grinder or cutoff wheel or drill or side cutters (see step 2 for details)

Removal

- 1) On level ground, use ramps or a floor jack to lift the front of the car up. Always use jack stands with a floor jack. Set the wheel chocks. Remove the factory splash shield from the vehicle using the ratchet, extension 8 & 10mm sockets, Phillips & flat screwdrivers. There are 10 screws along the underside of the front fascia securing the bottom of the splash shield and fender liners to the car. There are 4 push-in style fasteners in the center of the shield. There are 2 bolts and 2 plastic push-in fasteners at the rear of the splash shield. Finally, on each side of the splash shield near the anti-sway bar there are 2 bolts and 1 push in plastic fastener. You will need to pull back the fender liners to expose some of these fasteners. Use a flat screwdriver to remove the plastic clips holding the ABS sensor wires from the splash shield. Most of the fasteners will be reused.

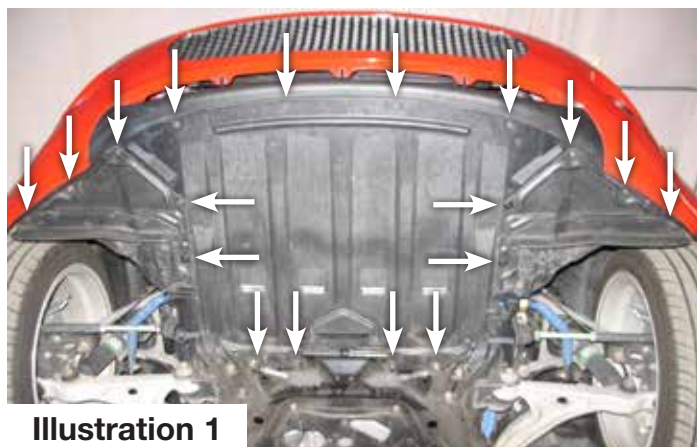


Illustration 1 cont.



- 2) The splash shield is made from 3 pieces that are riveted together. You need to separate the three pieces by cutting or drilling the 8 rivets out with your choice of metal cutting tool. Try not to damage the splash shield. Remove the foam strip and attach it to the new engine shield in the same area. The top of the engine shield is the side with the pem-nuts sticking up. If the 2 sided tape that held the foam

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to the splash shield will not stick to the new engine shield, you need to glue it or use new 2 sided tape.



Illustration 2



Installation

- 3) Reinstall the sides of the splash shield to the car using the factory hardware. Don't forget to reattach the ABS sensor wires. Set the new engine shield in place. It should rest on top of the factory splash shield sides. Loosely reinstall the 10 screws along the underside of the front fascia and the 2 bolts and push in fasteners at the rear of the engine shield. Use the supplied hardware (4 flange bolts and washers) to secure the splash shield sides to engine shield instead of the factory push in fasteners. Once all the hardware has been installed, go back and tighten all the screws and bolts.



Illustration 3



Test drive to verify your installation. Loose fasteners will cause rattles.

Enjoy your new engine shield!

Although every effort has been made to ensure the accuracy and clarity of this information, any suggestions that you may have that will improve the information (especially detailed installation notes and photos) are welcome. These instructions were developed and written by Moss Technical Support. If you have any questions or difficulties with your installation of this product, telephone 800-667-7872 between 7:00 a.m. and 4:00 p.m., Pacific Time for assistance.

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