

Cold Air Intake Tube Installation Instructions For 2006+ Mazda MX5

PART # 904-377

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Read and understand these instructions before installing this kit.

Tools required:

Jack and 2 jack stands
Ratchet
10mm, 12mm and 21mm Sockets
Flat blade and Phillips screwdrivers
Wheel chocks
A large carpet or old blanket
Leather work gloves

1. Set parking brake and chock the rear wheels. Loosen the lug nuts on the front wheels using a 21mm socket. Jack up the front of the vehicle and support it with jack stands. Never work on a vehicle unsupported by jack stands. Remove the front wheels.
2. Open the hood. Using a 10mm socket, remove the eight bolts along the top of the front bumper cover. Using a flat blade screwdriver, remove the two bolt covers from the grille. Remove the two bolts using a 10mm socket.

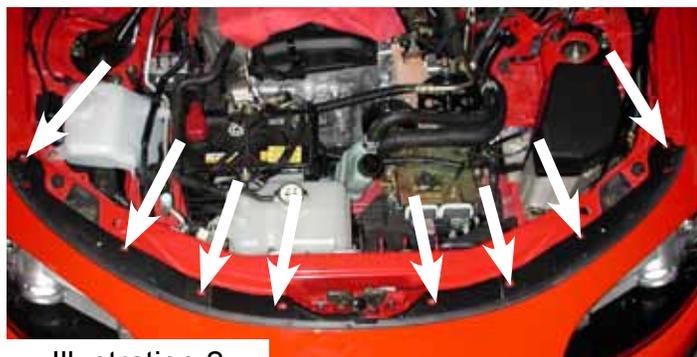


Illustration 2



3. There are twenty-seven screw style plastic clips, on each side of the vehicle, that hold the two piece plastic inner fender to the body of the vehicle. Remove all fifty-four clips by first turning the inner screw counter-clockwise with a Phillips screwdriver (you may need to hold the outside to keep it from turning), and then prying the whole clip out with a flat screwdriver.



Illustration 3



Installation Instructions

- From under the vehicle remove the ten screws securing the splash guard to the bumper cover. Remove smaller inner fenders from each side of the vehicle.

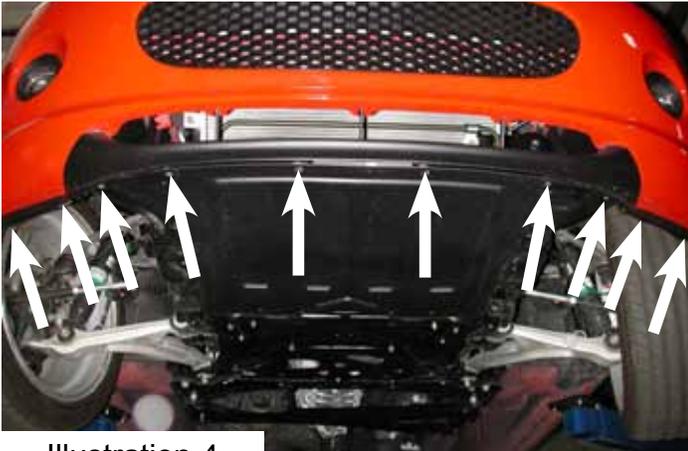


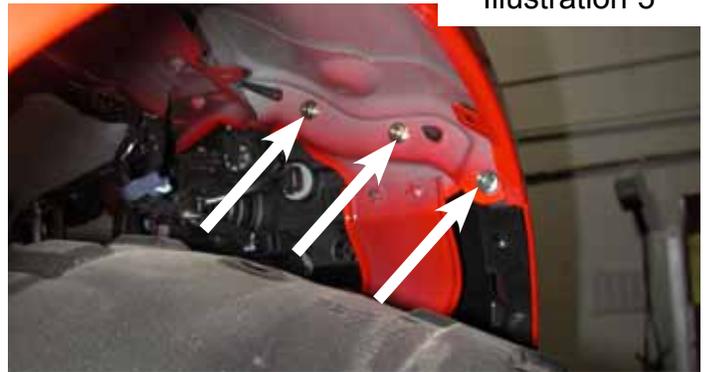
Illustration 4



- The larger part of the inner fender will not be removed from the vehicle. Instead, pull it down away from the body of the vehicle and let it hang. Using a 10mm socket, remove the two M6 nuts and M6 bolt on each side of the vehicle that secure the bumper cover to the body. They are located under the plastic inner fender. Disconnect the side marker and fog lights.



Illustration 5



- Lay a carpet or blanket down to keep your bumper cover from getting scratched. Remove the bumper cover from the vehicle by pulling it straight forward.



Illustration 6



Illustration 7 cont



- Remove the two clips and the bolt securing the factory intake tube to the bumper. Remove the intake tube from the vehicle. Remove the six bumper tray clips. The bumper tray will be removed later. Remove the two clips that attach the splash shield to the bottom of the bumper. Disconnect the horn wire from the horn and detach the wire from the clip on the bumper. Remove the eight bumper bolts located under the head lights using a 12mm socket and a 6" extension. Remove the bumper from the car. Find and remove the two clips securing the bumper tray to the bumper and then remove the tray.

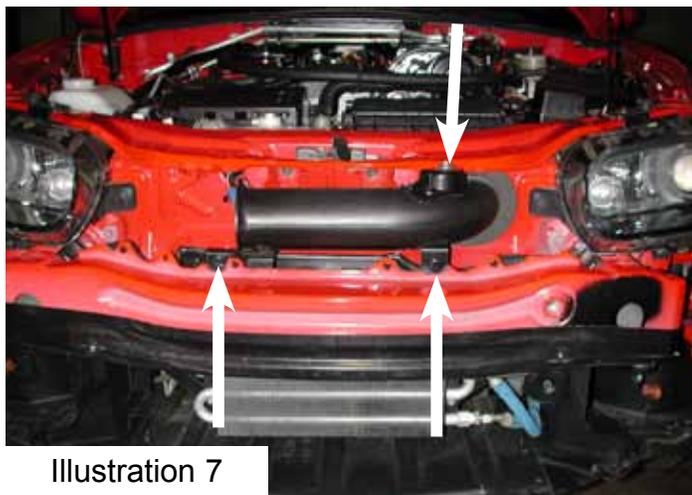


Illustration 7



Installation Instructions

- 7a. If your car is 2009+ you have to remove both the passenger and the driver side headlight to be able to access the last of the bumper tray retaining clips. There are 4 bolts for each headlight. Once you have the headlights loosened you should be able to move the headlights out of the way to remove the last of the clips.



Illustration 7a

8. Set the new cold air intake tube in place. Reinstall the bumper with eight bolts and torque the bolts to 18 ft lbs. Reconnect the horn wire to the horn and the clip on the bumper. Apply thread locker to the supplied bolt. Start the bolt through the hole in the bumper that the threads on the intake tube line up with. Next slip the supplied flat washer on to the bolt and then thread the bolt into the intake tube. Torque the bolt to 10 ft lbs.



Illustration 8 cont



9. Reverse steps 1-6 to reinstall the bumper cover. Enjoy your new Cold Air Intake Tube!



Illustration 8

