



MINI-Madness R56 R56 Intercooler Air Diverter Installation Instructions



Jack up MINI so they front wheels are off the ground and support car with jackstands

Position Jackstands under the front subframe as shown

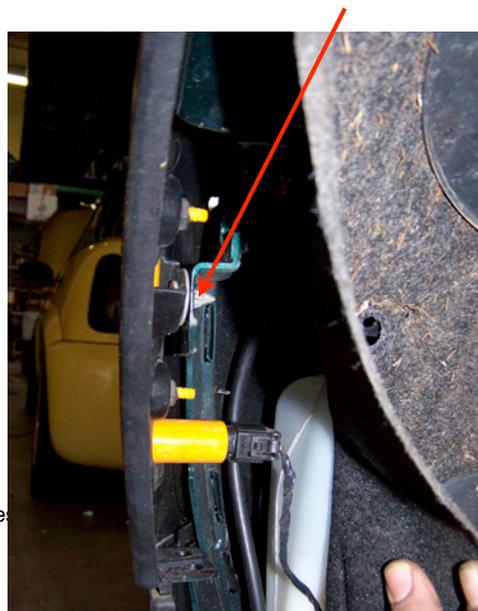


Remove front wheels

Remove fender liners. Use a philips screwdriver to remove the plastic clips



After removing the fender liners use needle nose pliers to pinch and remove the grey colored clips holding the fender flares in place.



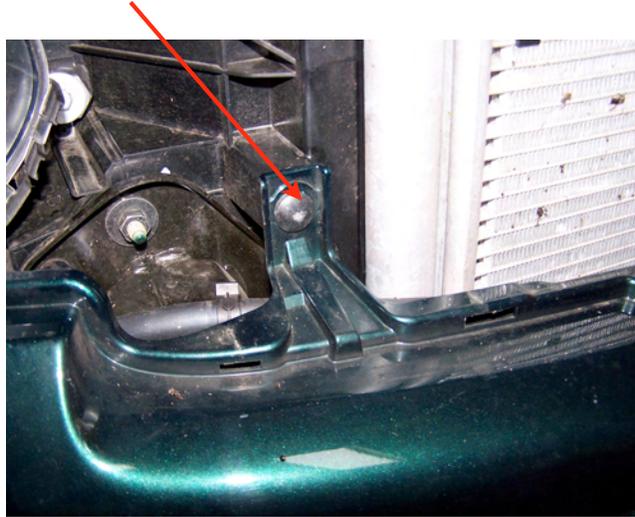
Remove front grill. There are 4, 2 piece clips at the top that pull out. The bottom requires you to use a long screwdriver to push press the clip closed to pull out the bottom of the grill



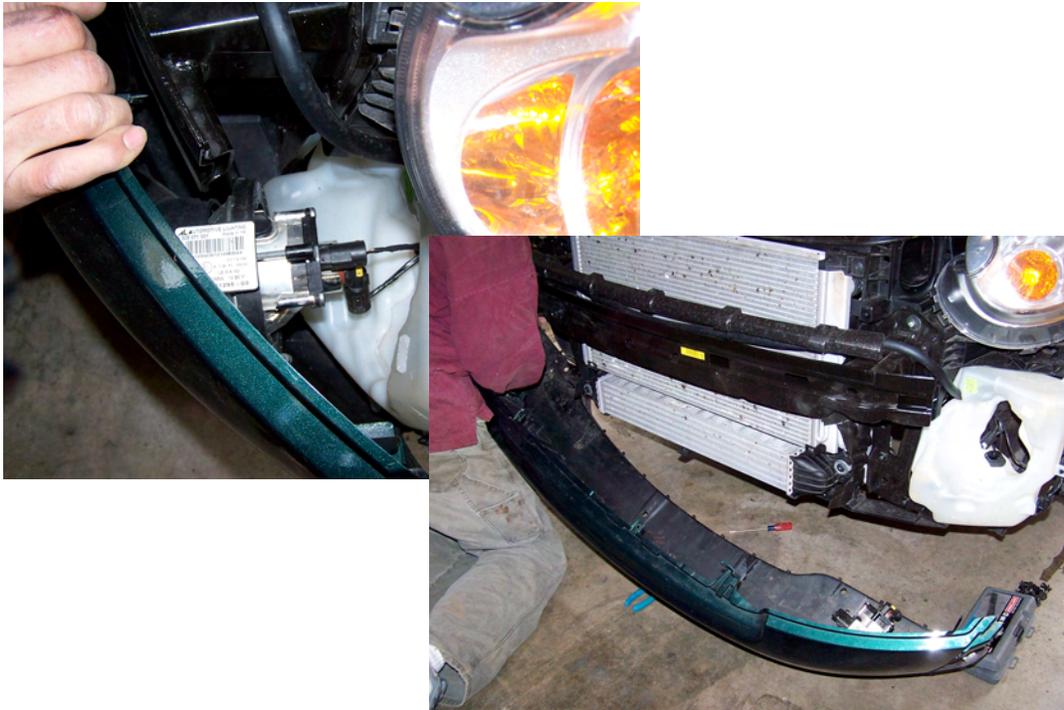
Remove the screws and clips in the lower bumper



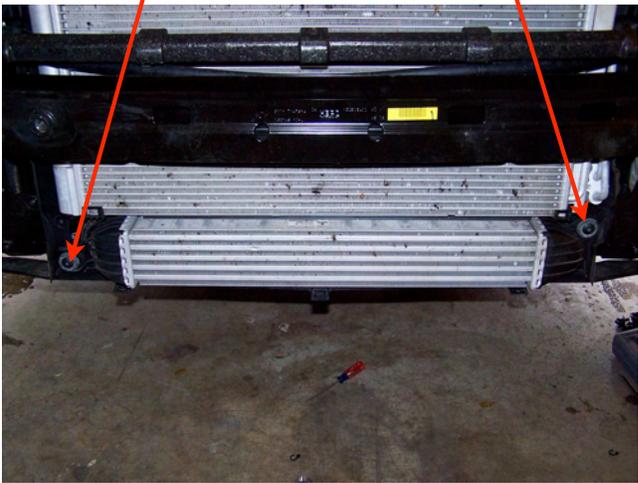
Remove Torx screws



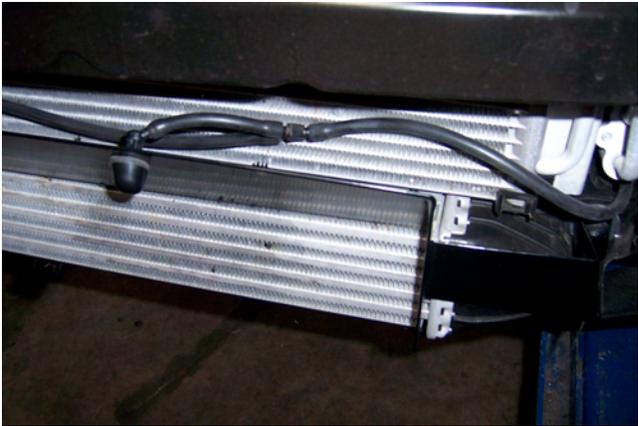
Remove Lighting plugs and temp plug to remove bumper cover



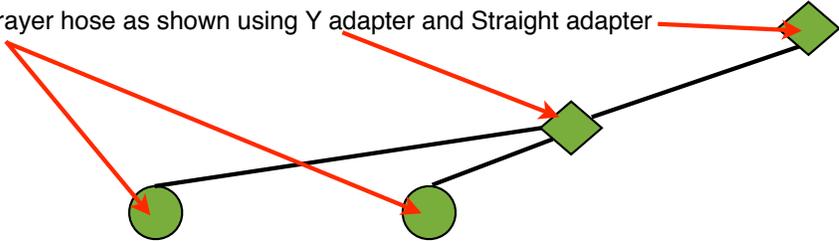
Remove 2, Torx bit screws that hold the intercooler in place

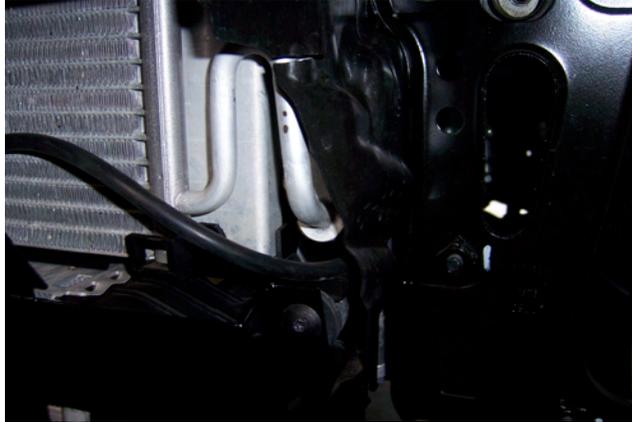


Mount intercooler air diverter in position and secure with the 2, Torx screws

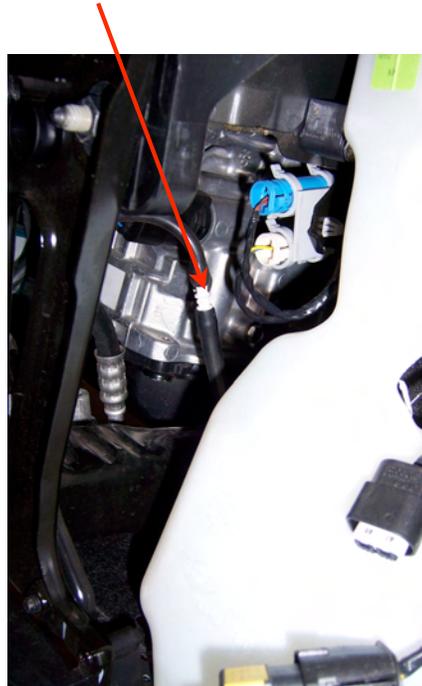


Route Sprayer hose as shown using Y adapter and Straight adapter



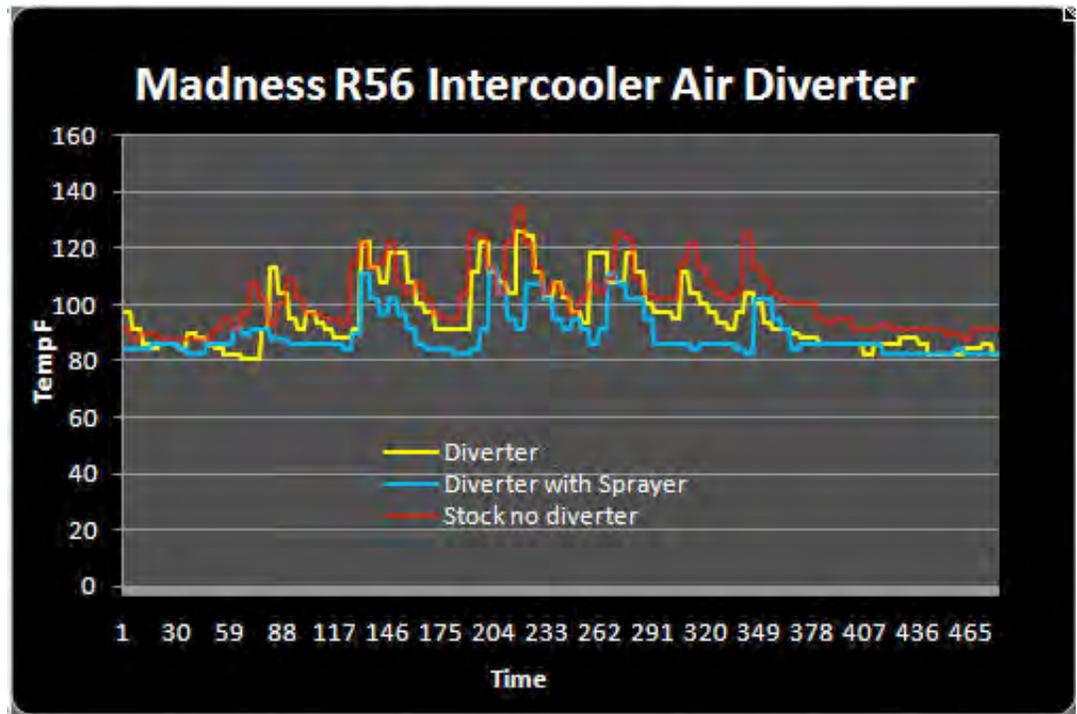


Cut the main spray line going to the rear wiper and use straight adapter to join hose to sprayer nozzles. This is located between the radiator and the fluid container



With a friend test the spray pattern for accurate spray pattern. If adjustments need to be made you can use a small screwdriver to pivot the nozzle up and down to adjust pattern. To see the proper spray pattern view the [video](#) on our website by clicking on this [link](#).

Remount bumper making sure to attach all electrical plugs. Reattach fender flares and fender liners. Attach wheels and torque bolts appropriately.



Fluid requirements. Fill as usual with standard windshield wiper fluid.