

Lotus Exige S 2007: Install air box cup



1. Preparation:

Stabilize the car because the reduced space on the Exige will not allow you an easy access. You will also have to remove the rear wheel and the left side scoop (3 screws – allen tool)



Remove the 'snurkle': (optional) You will find one plastic screw on the left side of your air box (access by engine compartment). The tube called « snurkle » can be removed once you have removed the wheel arch plastic protection (see step 2)

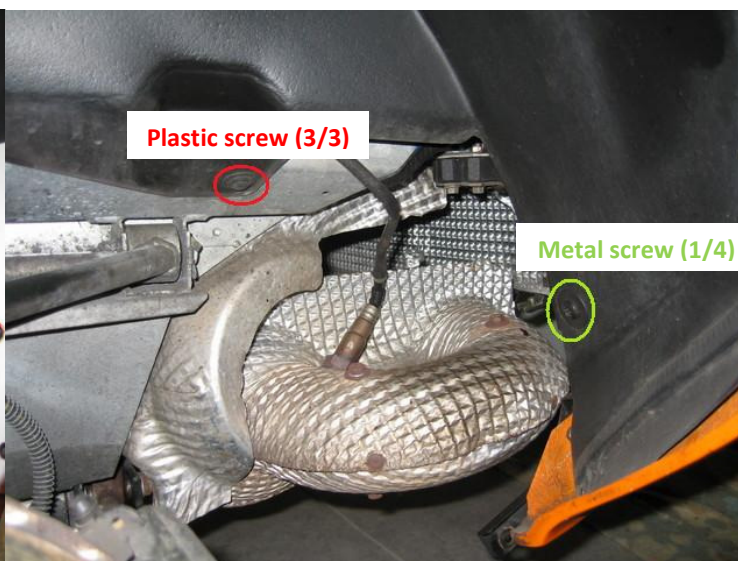


Plastic screw holding the tube in the side scoop

2) Remove the wheel arch protection (3 plastic screws + 4 metal screws):



Plastic screw (2/3)



Plastic screw (3/3)

Metal screw (1/4)



For your information, here below you will see the tube « snurkle ». This part has no performance role; it's only there for Europe noise restrictions).



3) Access to air box:



The stock air box can be opened by moving the 2 metal clips and you can easily replace your filter by a new one.



4) Remove stock air box:

You will need to follow the next steps:

- Disconnect the calculator
- Disconnect the electrical module
- Disconnect the switch
- Disconnect the 2 red tubes
- Disconnect the hose connection
- Disconnect the tube linked to the small motor
- Remove the biggest part of the stock air box
- Remove the stock air box cover

4.1 Disconnect the calculator that you will find on the bottom right side of the air box. You just have to push the clips and move the part to the bottom to disconnect it



4.2 Unscrew the electrical module on the top of the air box (2 small screws). This step is optional as you can let it there and move the next step



4.3 Disconnect the switch on the module. Be sure that you isolate this switch once the new air box is in place



4.4 Disconnect the 2 red tubes that go to the backside of the engine



4.5 Remove the hose connection by unscrew the collar (engine side)



4.6 Disconnect the tube connected to the small engine (below the air box) (optional if you don't remove the module on step 4.2)



4.7 Remove the biggest part of the stock air box (check if there is nothing holding the cable at the bottom)



4.8 Unscrew the stock air box cover. Remove also the 3 silent blocs that hold the original cover and that will be used for the new cover



4.9 Stock air box removed:



4.10 The elements:



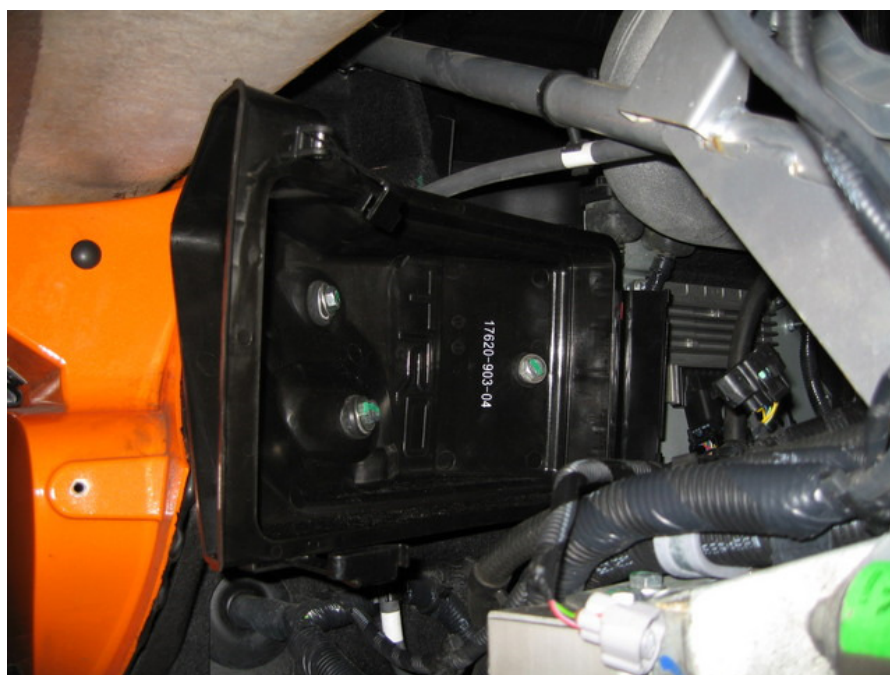
5) Install the air box cup:

5.1 Required Material:

- Cup Air flow box (Lotus Parts) Reference: TRD high flow filter part number - PTR05-06990-01
- Filter K&N : 1997-2003 LEXUS K&N AIR FILTER #33-2145-1
(The filter K&N can be replaced by a Green (reference 2093) or a Blitz (reference 59504))



5.2 Install the cup air box (cover)



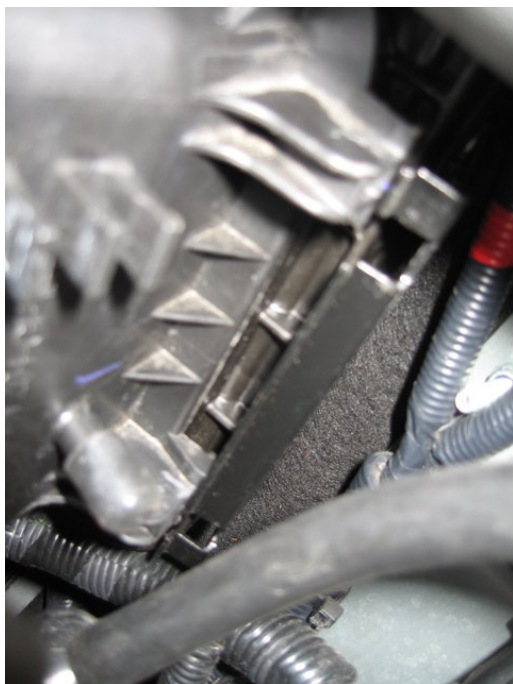
To install correctly the cover, you first need to fold the right side of the aluminium plate

The 3 silent blocs need to be removed from the stock air box cover and reused for the new cover.

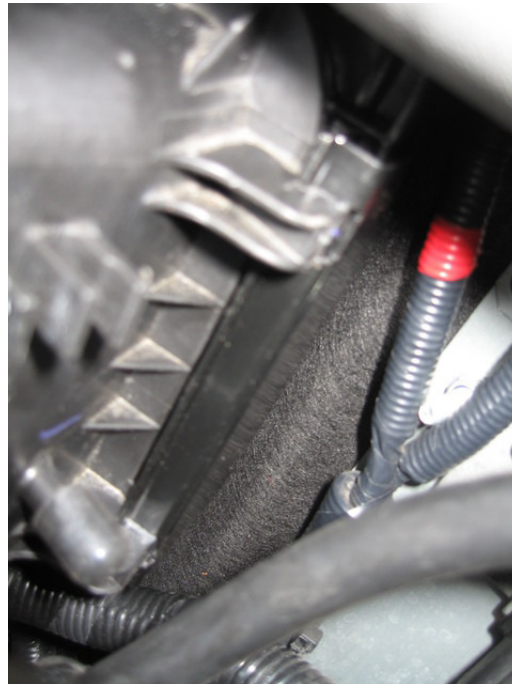
5.3 Install the filter, the plate and the other part of the stock air box

Be sure that the fixation on the right side is correctly positioned.

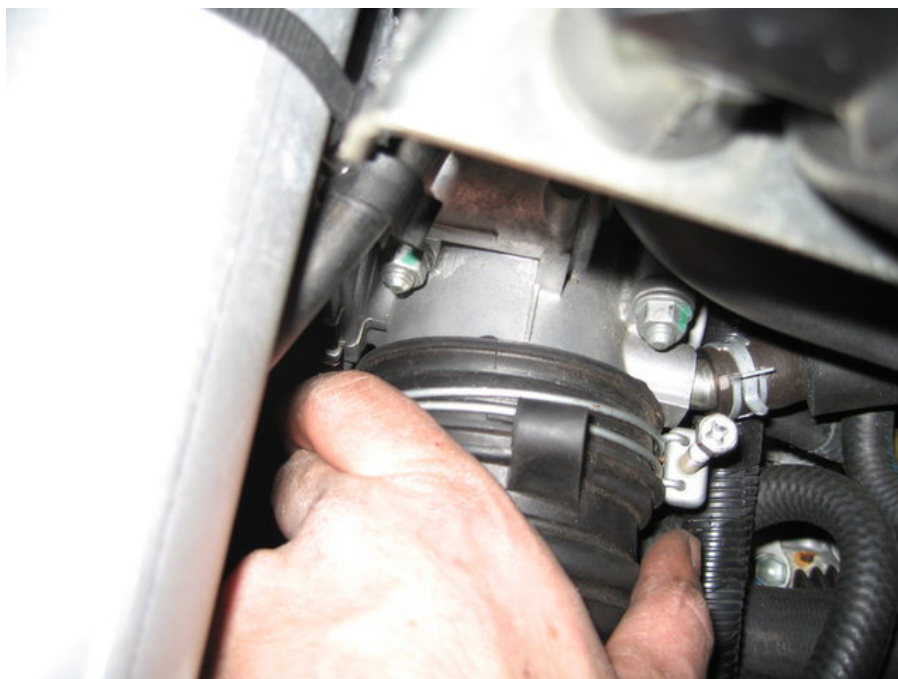
Incorrect installation



Correct installation



5.4 Re-install the hose connection (engine side) and screw the collar



5.5 Close the 2 tubes on the backside of engine.

You can reuse the Y and the 2 stock red tubes, be sure you close the 3rd tube



5.6 Reconnect the calculator that you will find on the bottom right side of the air box. You just have to put back the clips and move the part to the upside to connect it. This step will avoid you the CEL warning.



6) Final Result**EXIGE**