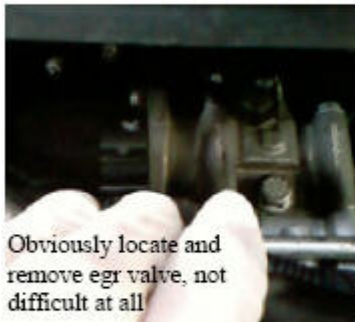


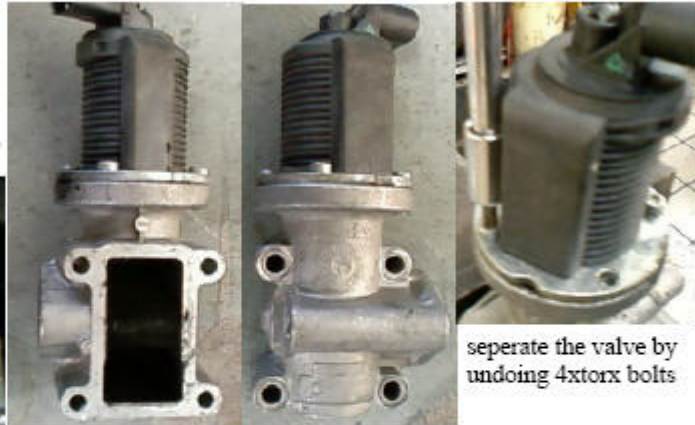
By jon7278

How to clean z19 egr valve (proper method)

How to clean egr new method (pictures)

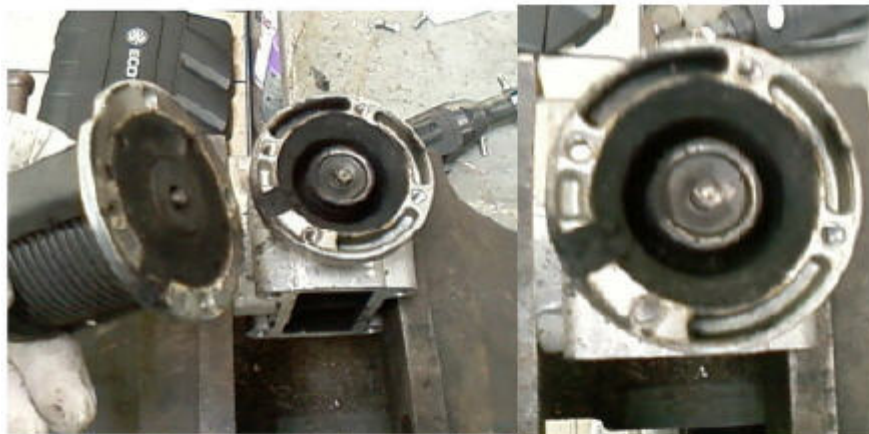


Obviously locate and remove egr valve, not difficult at all



separate the valve by undoing 4torx bolts

Just a couple of pictures of valve when removed note the soot build up!



Look how bad this looks!



drill a 3mm hole in top of valve as shown



gently tap punch through hole until the solenoid insides come out next pic



What you should have when you have tapped out insides of solenoid now you will see the real cause for the egr complaint these parts will be corroded and cause sticking, believe it or not its not the soot that jams the valve but this corrosion

clean up removed solenoid parts, i use a bench wheel, and reassemble in reverse of removal but lubricate all parts with a touch of grease or the like.





Gently tap solenoid parts back into place until flush



You can now depress plunger and notice one hell of a difference. at this point you will have to clean the body of the valve in some form of cleaner.



Spray some more grease etc into the 3mm hole



Finally reassemble and refit to vehicle, trust me you will be very impressed with the results.