



Ford Mondeo Jaguar X Type 2.0 2.2 TDCi EGR Valve Delete Bypass Blanking Blank Tube Fix Repair Fix Kit Replacement Install Instructions Guide



by x8rltd

The Problem

Carbon rich recirculated exhaust gasses leave deposits within the EGR valve which restrict or damage the EGR valve causing vehicle faults.

The EGR valve on these vehicles is designed to redirect a portion of the vehicles exhaust gases back to the engine through the intake manifold. Carbon rich recirculated exhaust gasses enter the EGR valve before the intake manifold, over time Carbon deposits gather in the EGR valve and can interfere with the operation of the EGR valve flap and can block air flow.

Resulting in reduced fuel economy and vehicle performance. Often this build up damages the EGR valves which are expensive to replace. This malfunction of the valve or blocking of the exhaust port causes Detonation (also known as pinging or spark knock) causing misfiring or rough idle.

Many examples can be found across the internet showing these EGRs completely blocked up with carbon; significantly reducing airflow to the intake.

Our kit allows you to completely remove the EGR system curing these faults for the life of the vehicle.

Symptoms of the fault

EGR valve failed

EGR valve clogged up

Rough engine running

Misfiring

Decreased throttle response

Loss of power or torque

Smokey engine

Low MPG / decreased MPG

Vehicle stalling at low speeds

Acceleration slow / sluggish

Vehicles affected and compatibility

Ford Mondeo 2.0, 2.2 TDCi with EGR fitted on front of engine.

Ford Puma engines codes ZSD-420, ZSD-422.

Jaguar X Type 2.0d, 2.2d with EGR fitted on front of engine (will not fit DPF models)

Will not fit models that have the EGR fitted to the side or rear of the engine.

Vehicles which utilise a vacuum operated EGR will not normally show a fault code when replaced with our EGR blank. Vehicles with an electronically operated EGR will show a fault code which will need to be mapped out. This is the same for all suppliers of EGR deletes whether stated or not.

This item is for diesel vehicles only not for petrol vehicles.

Our solution

Our kit allows easy replacement of the EGR valve with our improved design part which stops any recirculated exhaust gases entering the intake manifold. Completely removing the EGR system from the vehicle.

Install our completely Stainless Steel EGR blank and eliminate build up in the intake manifold. This allows the engine to breath better which can improve vehicle performance and fuel efficiency. Our EGR blanking kit stops these recirculated exhaust gases entering the intake manifold, eliminating the risk of future build ups.

Our kit is the most comprehensive available including all components required to delete the EGR valve and will fit in the same way as the OEM part. You will receive:

1x Stainless steel EGR tube, precision machined and all constructed from stainless steel, featuring a substantial bead to ensure an air tight seal. Threaded holes to enable easy fitment using OEM screws.

1X vacuum pipe blanking plug with cable tie to secure.

1X cooler blank with high temperature gasket and fasteners allowing you to remove the EGR to EGR cooler tube that often blocks or splits.

Our kit is top of the range and the most comprehensive kit available. Check out our instructions and video to see how our kit allows you to successfully eliminate the EGR valve on your vehicle.

Possible advantages of EGR deleting:

Turbo can spool up quicker and at lower revs resulting in less turbo lag.

Prevents carbon build-up inside intake manifold and ports.

Smoother pick up from idle, engine running and better fuel economy.

Increases in power and / or torque which slowly fades as carbon builds up.

Improved fuel consumption / MPG.

You will receive

.1x Stainless steel EGR delete tube

1x Stainless steel EGR cooler to EGR pipe blank

1x High temp EGR cooler blank gasket

2X EGR cooler blank bolts with locking washers

1X Vacuum tube plug with cable tie



https://youtu.be/gP_gumaWUQQ

Step 1: Blank Vacuum Line

Remove vacuum line from side of EGR valve. Blank with our yellow plastic bung and secure with the included cable tie.





Step 2: Remove Hose From EGR

Loosen hose clamp and remove hose from EGR valve.



Step 3: Release EGR to Cooler Hose

Remove x2 nuts and release EGR valve To EGR cooler hose from the EGR valve.



Step 4: Remove EGR Valve

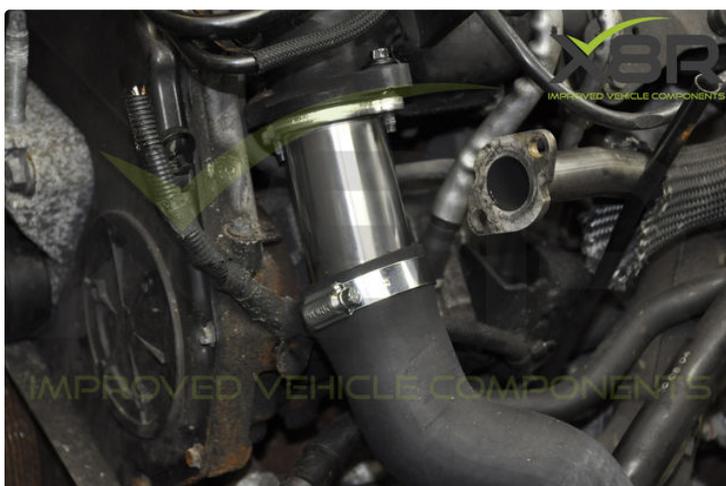
Loosen x2 captive bolts which retain the EGR Valve to the intake manifold and remove EGR valve.



Step 5: Fit Our EGR Tube

Fit our EGR tube, this fits in exactly the same way as the OEM EGR valve.

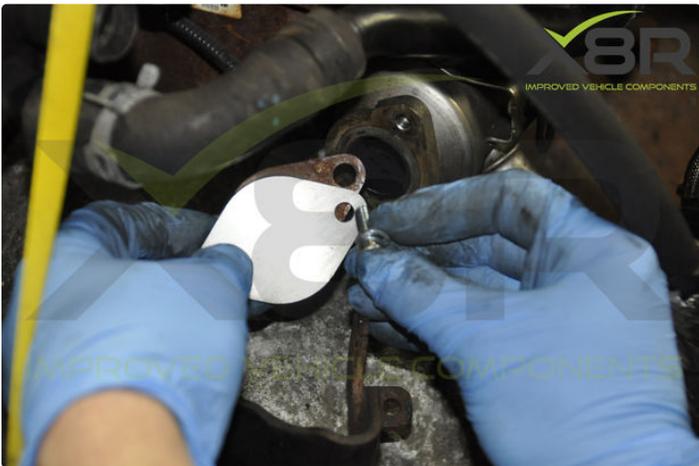
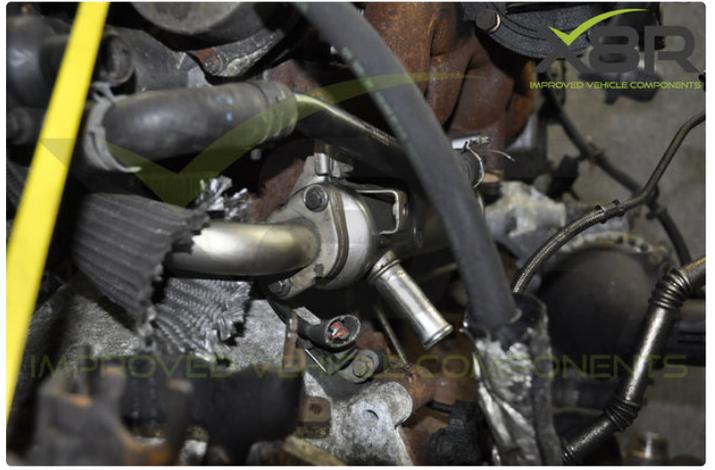
Fit hose to the front of our EGR tube, locate over the raised bead and secure the hose clamp.



Step 6: Blank EGR Cooler

Release the EGR valve to EGR Cooler pipe at the EGR cooler end.

Fit our blank on the EGR cooler, ensuring you remember to fit our gasket and locking washers.



Step 7: Remove EGR Valve to EGR Cooler Pipe

Release the bolt which retains the EGR valve to cooler pipe on the side of the engine and remove the pipe.

This completes the removal of the EGR system.

If you need any further guidance on this install or would like to purchase the parts shown please call us on +44 01843 446643 or email us at sales@x8r.co.uk. Please also check out our

instruction guide on YouTube. www.x8r.co.uk

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