

# Mondeo Mk4 Intercooler Upgrade



## Fits following.

Petrol 2.5 Dura-tec Turbo (XR5)

Diesel 2.0 & 2.2 TDCi

1. Raise vehicle off the ground & install Axle stands or use car lift if available
2. Remove Front splash shield, secured with 8mm screw bolts
3. Remove original intercooler, secured in with 2 x 8mm bolts, loosen jubilee clips on boost pipes, petrol only 'un-clip sensor on left side of vehicle'. Push intercooler upwards and unhook from radiator and now remove intercooler.
4. Now you need to remove the 2x plastic intercooler air feed scoops, these are secured by 1x plastic screw at the bottom of the bumper & 1x 8mm bolt close to the top of the shield. See picture (tip. Left side, remove headlight to gain easier access to bolt)



5. Discard right hand side shield, take the left hand shield and cut it just below the top securing hole, Re-fit with cruise control sensor, this is required to clear top of intercooler



6. Remove plastic slam panel, located top of grill and extends into engine bay, secured with plastic clips.



7. The Intercooler is a tight fit, so we need to move the power steering cooler pipes closer to the water radiator , take cable tie supplied and fit as per picture below.



8. Now we need to secure radiator @ the top, so we can remove the lower support cradle. Join 2 cable ties together to make one big one and loop round the radiator pipe onto the slam panel. These are only temporary, so we can remove lower support cradle.



Left Hand side.



Right Hand Side.



**9. Remove lower support cradle 4 x 10mm bolts**



**2 x 10mm bolts each side.**

**10. With the lower radiator support removed this will be a good time to swop over the sensor on the intercoolers. Diesel models insert blanking plate.**



**(Apply tiny amount of grease on 'o' ring of sensor before fitting)**

**11. Now place the intercooler onto the radiator support bracket (support front of intercooler to stop it tipping over)**



**Put intercooler as pictured & mark holes**

**12. Once both sides have been marked you can drill to 7mm, use smaller drill first.**



**13. Secure radiator support bracket onto Intercooler brackets with bolts provided**

**14. Install new intercooler, once in position re-fit 10mm radiator support bolts (you may need to push the horns to the left slightly)**

**15. Re-fit intercooler sensor multi plug (petrol only) & Boost hoses.**

**16. Double check everything is tight and re-fit under tray (splash shield) and your now finished!**