

Ford Mustang EcoBoost Intercooler Fitting Instructions

Tools needed:

- Ratchet Set
- Trim Removal Tool
- 8mm Socket
- 10mm Socket
- 13mm Socket
- M5 Allen Key
- Hose Clamp Driver or flat-bladed screwdriver

Kit Includes:

- AIRTEC Motorsport Intercooler
- 2x Silicone Pipes
- 2x Mounting Brackets
- 2x Alloy Pipe Joiners
- 6x Jubilee Clips
- 4x M6x50mm Socket Head Bolts
- 4x 13mm Nylon Nuts
- 8x Pan Washers
- 2x Spire Clips
- **SUPPLIED FIXING**

PLEASE THOROUGHLY READ THESE INSTRUCTIONS AND MAKE SURE YOU ARE FAMILIAR WITH THE STEPS BEFORE CARRYING THEM OUT



Instructions:

1. Start by removing the eight trim clips to release the slam panel. This will reveal six 10mm bolts (highlighted with orange arrows) to remove along the top of the bumper.



2. Now remove the three trim clips from the arch liner (highlighted with orange arrows) and then firmly but carefully pull the arch liner away from the bumper to access the 8mm bolt securing the bumper to the wing. Repeat this process on the other side and then release the bumper from the wing by firmly but carefully pulling it away.



3. Release the undertray by removing the six 8mm bolts and the remaining clips securing it in place.



4. Before fully removing the front bumper, you will need to disconnect five wiring connectors from either side of the bumper. Once these have been disconnected you can fully remove the bumper and place it out of the way.



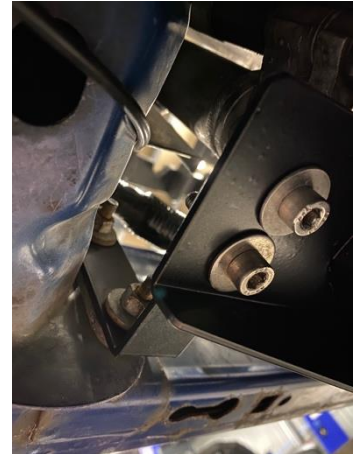
5. Now remove the original intercooler and shroud. To do so, release the jubilee clips on the hoses either side of the intercooler and then remove the five 10mm bolts (highlighted with orange arrows) and disconnect the sensor from the side of the intercooler (highlighted with blue arrow). You will not need to reinstall the shroud.



6. Now install the pipework for your new intercooler by sliding the alloy pipe joiners into both original boost hoses and secure using the jubilee clips supplied. Then install the provided silicone pipes onto these pipe joiners making sure the shorter silicone goes to the driver's side (if right-hand drive) and the longer one to the passenger side.



7. Remove the four 13mm nuts on the back of the crash bar (two each side, highlighted with orange arrows) then slide the slotted side of the supplied bracket onto the studs and reinstall the nuts. Install the AIRTEC Motorsport intercooler by holding it in place against the brackets and then install the four M6 Socket Head bolts and 13mm Nylon Nuts with washers either side supplied.



8. Secure the lower tabs of the intercooler by sliding the two supplied Spire Clips onto the lower supports and then secure to the intercooler tabs using two of the original 10mm bolts.



9. Finally install the silicone pipework onto the intercooler securing in place using the supplied jubilee clips. Then reinstall the sensor into the side of the intercooler using the supplied fixing. You can now reinstall the bumper in reverse of Steps 1 to 4.

