

## **Focus ST ECU overheating due to being moved away from the induction air flow.**

We have received a number of enquiries from prospective customers who were worried that their Focus ST Engine Management System could severely overheat if they fitted our Cold Air Induction System, as we move this away from the induction air-flow into the engine. (We understand this to be a story started by one of our competitors!).

**We are confident that this is not the case for a number of reasons:**

- Firstly, we are confident that the manufacturer has fitted the management system to the original air filter assembly to ensure that the 'hot' part of the management system is out of harms way. Due to the heat generated by this item it would not be safe, or practical, to mount it inside the passenger compartment.
- We know of a number of Focus ST models that have undergone testing in severely hot conditions (continuous rolling road testing for example) with the management systems mounted remotely of the air filter assembly. No problems have been experienced with the management systems of these cars at all.
- When the ECU is relocated using the brackets supplied, the ECU is positioned in totally clear air behind the near side headlamp unit. When stationary the heat from the ECU will just radiate away into the atmosphere. Once the car is moving, air from the radiator grill, around the headlamp unit, and from the inner wheel arch will move even more air around the ECU, to help control its temperature. In our opinion, this will offer better cooling than the standard set up, also removing one of the restrictions to the inlet air into the engine.



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