

Fuel system

- Standard injectors (Port & DI)
- New fuel rails, one being billet for pressure sensor and new DI/port fuel lines

Intercooler system

- Uses latest 4.9mm fin height 36mm thick centre section and 73 thick outer sections.
- Core is two pass for both coolant and airflow. Air flows up through centre section and returns back down through outer sections into the ports.
- Front mount is carry over from 2300, 27 thick and uses latest fin at 4.75 high and thin tubes, two pass
- New billet reservoir mounted to diagonal strut brace.
- Intercooler pump loom is carry over from 2300.
- Standard large Bosch intercooler pump connects several new moulded hoses.

Air intake system

- Supplied with a K&N pod filter
- New injection moulded cold air intake tube and air box design like the 2300 just size increase for large MAF tube.
- Standard MAF card is re-used
- New moulded/ribbed clean air boot

Supercharger kit

- Supercharger is a 2650 FDFI
- The kit uses FDFI pulley offset
- Pulley diameter is 95 6PK
- Minimum pulley size 65mm
- Standard belt length is 6PK1885
- Idler pulleys upgraded to steel, belt tensioner and an idler rewrap arrangement is used from 2300 kit.
- Four looms, two are extension looms that covers throttle and TMAP, third loom is for MAF and IAT (IAT measurement is removed from the MAF card and reassigned to a TMAP post intercooler to measure actual IAT), fourth is intercooler pump.
- Sound tube is removed and hole in firewall plugged
- Stage 2 requires fitment of fuel pump DW400, still to investigate colder plugs and thermostat.

UPGRADE	COMPONENTS	POWER CORRECTION	POWER kW HUB	TORQUE Nm HUB	POWER HP Hub	TORQUE ft lbs	BOOST psi	FUEL
2018 Mustang Standard	No aftermarket components fitted	SAE 2004	295kW	513Nm	395 hp	378 ft lbs	NA	98 RON
2018 Mustang Stage 1	Harrop TVS2650 Supercharger Kit with 95mm Supercharger Pulley	SAE 2004	455kW	688Nm	610 hp	507 ft lbs	8 psi	98 RON
2018 Mustang Stage 2	Harrop TVS2650 Supercharger Kit with 85mm Supercharger Pulley & Fuel Pump Upgrade	SAE 2004	490kW	735Nm	657 hp	542 ft lbs	10 psi	98 RON
2016 Mustang	Built motor, Harrop TVS2650 Supercharger Kit with 70mm Supercharger Pulley, Overdrive Balancer Pulley, E85 Fuel System & Full XForce Exhaust System	SAE 2004	720kW	1110Nm	965 hp	818 ft lbs	20 psi	E85

Installation

- Takes around 8 hours to install, intercooler requires more time than old kit due to extra seals that require trimming and as the install requires extra time due to the upper manifold to be removed and refitted.
- No need to remove front bar/cover, intercooler radiator fitted from bottom.