



TURBO DYNAMICS

Where Quality Is Without Compromise

Fiesta Rs Zetec Turbo Specification

Registration – M4D RST

Colour – Nordic Green

Weight – 790 kg

Power – currently 322hp 300lb/ft torque at 19psi with 6800 rev limit

Track map to be 340hp 7800 rev limit

Drag map to be 450hp 7800 soft cut

Specification

Engine

2ltr Zetec Block

H beam connecting rods with ARP rod bolts

Custom Forged CP Pistons

1.5mm compression rings

Upgraded wrist pins

Gas flowed and reprofiled inlet and exhaust ports

Oversize Inlet and exhaust valves

Revised valve seats

Multilayer steel head gasket

RS1800 Oil Pump

Fiesta RS1800 Water Pump

Focus ST170 baffled Sump with turbo oil return installed

Rs Head Bolts

Area-Six Camshafts

Area-Six custom Double Valve spring conversion

Hydraulic followers

Area-Six Inlet manifold modified to clear hydraulic pedal box

Area Six exhaust manifold modified to clear 6 speed box

Engine breather system custom aero quipped

Emerald K3 engine management system (New 08 version)

Electronic boost controller

Siemens 750cc Black injectors

FJO Racing injector driver

3 bar map sensor

EGT probe

Kent pulleys

Turbo Dynamics GT3071R turbo with 0.82 A/R Housing

ITG air filter

K&N oil breather filter

Turbo Dynamics Ltd Units 20-21 Somerford Business Park,
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JKM Performance 3" system two silencers/one flexi joint/ v-clamped 86db @4500 rpm
JKM Performance turbo custom damper
Heat proofing throughout
Roose motorsport silver hose kit water / boost
Bailey alloy header tank
Pro Alloy Oil breather catch tank
Vibra Technics race engine mounts
Custom alloy inlet pipe work 2.5" diameter.
Fireproof sleeving on hose/wiring

Transmisson

Vibra technics Race mounts
Alloy race flywheel
4 paddle clutch
Hydraulic clutch conversion
6 speed Getrag gearbox
Up rated Custom Drive shafts (equal length)
Quaife LSD
Focus gearbox mount fabricated onto chassis
Custom cross member for rear gearbox mount

Suspension/Handling

Gaz Gold race coilovers rose jointed mounts
350lbs front coils 550lbs rear coils
Built in camber to legs
Comp Brake rose joined Eccentric top mounts
Rose jointed adjustable lower arms

Wheels/Tyres

15" Compomotive CXS Black 7j
Yokohama Parada 2 tyres 195 50 15
Toyo R888 195 50 15

Brakes

Wilwood 4 pot callipers Race pads
Cosworth rear discs and callipers, standard pads.
Braided lines
Swaged alloy brake pot bracket
Custom Nike sweat bands

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Interior

JKM Performance wiring loom
Custom cages weld in roll cage
Pro Alloy fuel cell 34 litre
Safety foam, Aero 400 flush filler cap, breather / rollover valve
Custom swaged alloy fuel cell base and legs
Aim MXL dash
Carbon Aim pod
Carbon facia
Carbon switch panel
Modified MK3 dash and flocked
Corbeau Revolution seats silver
Luke pro race harnesses 5point- Black
Sparco suede steering wheel
L.E.D. warning lights (road legal)
Comp brake bias pedal box
Alloy swaged floor panles
Powder coated parts throughout
Battery Box

Exterior

Chromed bolts/parts through out
Pro Alloy radiator custom
Pro Alloy custom RS500 Intercooler
Twin slim line radiator fans
Full polycarbonate windows smoke tinted
Fibreglass tail gate
Trimmed Front bumper
Brake ducting / ducts in bumper
Carbon Fibre Canards (winglets on bumper)
Carbon Fibre splitter
Performance Carbon – Race Carbon fibre bonnet
Performance Carbon – Race Carbon fibre roof
Morette Front Lights with alloy air intakes
High temperature ducting
Touring car mirrors with smoothed doors
Sparco Tailgate pins Black
Aero catch bonnet catches
Swaged alloy brackets to support bonnet

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