

# FORD FIESTA WRC

## TECHNICAL SPECIFICATION

### ENGINE:

Ford EcoBoost 1600cc direct injection engine developed by M-Sport and Ford. Four cylinders, 16 valves. Bore 83.0mm. Stroke 73.9mm. Cosworth electronic engine management system. Garrett turbocharger with 36 mm inlet restrictor. Air intercooler. Catalytic converter.

### POWER:

380 bhp

### TORQUE:

450 Nm

### TRANSMISSION:

Permanent four-wheel drive. Mechanical front and rear differentials with active centre differential. Six-speed sequential gearbox developed by M-Sport and Ricardo with hydraulic shift. Multi disc clutch developed by M-Sport and AP Racing.

### SUSPENSION:

Front and rear: MacPherson struts with ZF external reservoir dampers, adjustable in bump and rebound. Fully adjustable fabricated steel links. Front and rear adjustable anti-roll bars. Machined aluminium uprights.

### BRAKES:

Gravel (front and rear): 300mm Brembo ventilated discs with Brembo four-piston monoblock calipers.

Asphalt (front and rear): 370mm/355mm Brembo ventilated discs with Brembo four-piston monoblock calipers.

Hydraulic handbrake. Adjustable front / rear bias.

### STEERING:

Power-assisted high-ratio (12:1) rack and pinion. One and a half turns lock-to-lock.

### WHEELS:

Gravel / Snow: 7in x 15in (magnesium) wheels with Michelin 650mm tyres.

Asphalt: 8in x 18in (magnesium) wheels with Michelin 650mm tyres.

### BODYSHELL:

Fully CFD designed aerodynamics featuring front and rear splitter, dive planes and rear wing. Fully composite body panels and welded T45 steel rollcage.

### ELECTRONICS:

Full Cosworth chassis and engine data acquisition for on-event diagnostics and performance development.

### FUEL SYSTEM:

FIA Specification by ATL. Located centrally and low with 75 litre capacity.

### INTERIOR:

Twin dash screens for driver and co-driver. Sparco seats and belts. Composite door cards with FIA crash foam.

### DIMENSIONS:

Length: 4130mm. Width: 1875mm. Wheelbase: 2493mm. Weight: 1190kg minimum.



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