

FORD PERFORMANCE VISION: Creators of world's leading performance portfolio... accessible to all.

FORD PERFORMANCE MISSION: Fuel innovation and passion for Ford, on and off the road





PARTS & ACCESSORIES







Motorsports serves as a test-bed for technology and pride point for fans



PERFORMANCE EXPERIENCES



Expansion of parts, accessories, merchandise



Go Further

Rapid integration of race-proven technology to market faster

Captures new, younger customers as performance segment grows





FORD **PERFORMANCE**

MOTORSPORTS













FORD GT RACING LEGEND





FORD **PERFORMANCE**

The Chassis

The Ford GT's innovations begin with its chassis:

- A unique carbon tub architecture
- Investment cast front and rear suspension structures
- A tubular chromoly upper cockpit structure
- A fully integrated IP



Chassis – Carbon Tub

The carbon tub is of unique design and construction:

• Monolithic mouldings are bonded together – analogous to a conventional unibody, but in "black"



Chassis – Integrated Cage

Tubular high-strength steel (15CDV6 CrMo) forms the upper cockpit structure:

- Creating a roll cage that meets both FIA and global road car safety requirements
- •Only add-on components required for race car version

Chassis – Integrated IP

Instrument panel (IP) structure is integrated into the main CFRP tub moulding:

• HVAC ducting is incorporated into the IP structure



Carbon Bodywork

Both the road and race cars feature all carbon fibre bodywork



The Suspension

Key suspension features:

- An innovative inboard pushrod-actuated suspension
- Changeable ride height and spring rate
- Active dampers



Suspension – Innovative Architecture

The GT rides on:

 Pushrod-actuated inboard suspension, with primary torsion bars and secondary coil springs

Front





Suspension – Innovative Architecture

The GT rides on:

• Pushrod-actuated inboard suspension, with primary torsion bars and secondary coil springs

Torsion bar

Coil spring / actuator

Normal Mode

Track Mode

Hide Labels Labels



Active Aerodynamics – Rear Wing

The Ford GT's active aerodynamic package includes:

• Deployable rear wing with morphing profile and airbrake

Lowered

Air Brake

Raised



Active Aerodynamics – Rear Wing

The Ford GT's active aerodynamic package includes:

• Deployable rear wing with morphing profile and extending gurney flap

Lowered Section

Raised Section

Phantom Image



Aerodynamics – Nose & Keel

Aerodynamics are enhanced with:

• Full-width, high-downforce front underwing enabled by zero-width "keel"







INDUSTRY DISRUPTION

The Automotive Industry is Facing Unprecedented Disruption Due to Technology

ELECTRIFICATION

AUTONOMY

CONNECTIVITY

ALTERNATIVE MOBILITY

This is a time of great risk and great opportunity



FORD **PERFORMANCE**

MANUFACTURING INNOVATION

We need to continue to push the envelop in manufacturing

Priority Areas that Ford Performance will Pilot:

- **Light Weighting** 1.
- 2. **Advanced Materials**
- 3. **Control Systems**
- **Simulation** 4.
- **Advanced Propulsion Systems** 5.
- 6. What can you add to this list for us?







