ALL-NEW FORD FOCUS **AERODYNAMICS AND WEIGHT**

Go Further

The all-new Ford Focus delivers class-leading aerodynamics and optimised weight – helping deliver a 10 per cent fuel-efficiency improvement across the range*

OPTIMISED AERODYNAMICS

1 **Active Grille Shutter** automatically closes to reduce drag when cooling airflow to the radiator is not needed. The system now features improved sealing and ducting

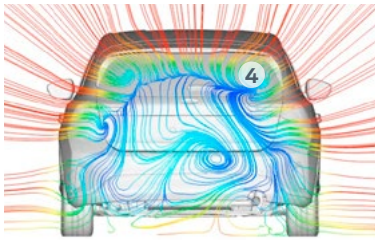
2 **Air-curtain bumper inlets** guide airflow across the front wheels to reduce turbulence

3 **Three-dimensional front wheel air-deflectors** beneath the front bumper further improve airflow around the wheel

4 **Air separation features** incorporated into the rear bumper and light units, an **optimised rear spoiler**, and **enlarged window strakes** limit drag-inducing vortices

5 A **smoother underbody shape** features additional shielding for the central tunnel, fuel tank and rear axle

6 **Door mirror shaping** is optimised to limit drag

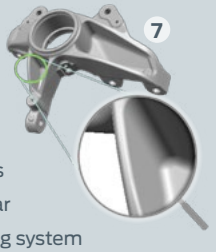


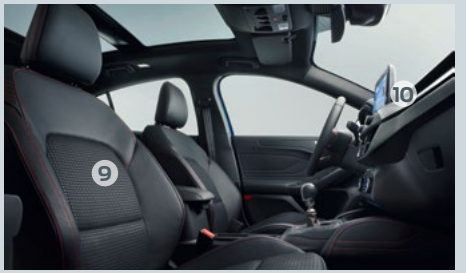
Painstakingly crafted aerodynamics result in a best-in-class 0.273 five-door drag co-efficient

OPTIMISED WEIGHT

7 Chassis – up to 33 kg saving including:

- Bionic front knuckles – inspired by skeletons to deliver stiffness with minimised wall thickness
- Hollow front stabiliser bar
- Weight-optimised braking system





8 Exterior – up to 25 kg saving including:

- Increased use of ultra-high-strength steel and press-hardened boron steel
- Light-weight stamped door hinges
- Innovative window regulator reinforced with glass-fibre fabric

9 Interior – up to 17 kg saving including:

- Weight-optimised seat designs
- Light-weight door-trim materials
- Polyurethane spray instrument panel skin

10 Electrical – up to 7 kg saving including:

- Custom-built vehicle wiring harnesses
- Weight-optimised power supply systems

11 Powertrain – up to 6 kg saving including:

- Reduced cylinder block heights
- Light-weight con-rod and piston designs
- Encapsulated exhaust heatshields

Total weight reductions are up to 88 kg like-for-like, compared with the outgoing Focus

*According to Ford data