

ALL-NEW FORD TRANSIT CUSTOM

Tested to the Limit for Ultimate Durability



TEST TRACK TORTURE

- Durability tests at Lommel proving ground include 30 rigorous vehicle sign-off tests
- Toughest test condenses a 10-year vehicle life into a non-stop 6-month trial running 24/7 with a full load
- Some tests are so tough, drivers need to swap every 2–3 hours



HIGH-MILEAGE WORK-OUT

- Transit Custom prototypes covered the equivalent of 5 million km of durability testing
- This included 400,000km with real-world Transit customers



250000 DOOR SLAMMING

- Front, side and rear doors slammed over half a million times in non-stop endurance tests
- Front door test involves 250,000 slams, three times more than the equivalent car test



TOUGHEST GLOBAL STANDARDS

- Durability targets are based on worst-case customer usage for over 240,000km and 10 years in service
- Targets were established in a year-long study of over 600 Transits in seven markets worldwide over 10 million km



5200 KERBS AND POTHOLES

- The Lommel test track serves up a cruel combination of kerbs, potholes and bumps
- Strength tests require surviving a 60km/h impact with a 140mm kerb
- For durability, 50mm potholes and bumps are driven over at speeds up to 70 km/h, repeated over 5200 times



DURABILITY TESTS RIGS

- Sophisticated durability test laboratories push body, chassis and powertrain parts to the limit
- Test rigs simulate real-world loads, and can compress a full 10-year vehicle life into just 30 days of punishing testing



ENGINE ENDURANCE

- 2.2-litre diesel tested in engine labs for tens of thousands of hours
- Non-stop tests included 1111 hours simulating high load urban driving, and 825 hours of high speed autobahn running
- Tests based on analysis of 11 million km of real-life customer use



EXTREME CLIMATES AND ALTITUDES

- Real-world testing, fully laden in harsh conditions of Dubai, South Africa and Italy at over 40 deg C
- Performance tested at over 2000m in Austria and South Africa
- Week-long test in the ice and snow of Northern Finland at temperatures below -40 deg C



12000 FIGURE OF EIGHT

- Steering and suspension components are put through their paces at Lommel around a figure of eight course
- Full test lasts over a month, with 12,000 cycles of the course