

# Automotive Technology Basics

Automotive Technology · Practice Test · 10 Questions

---

**1. In what year did Henry Ford's Model T, a revolutionary mass-produced automobile, first roll off the assembly line?**

- A) 1903
- B) 1908
- C) 1914
- D) 1925

**2. Who is widely credited with inventing the first practical automobile powered by an internal combustion engine in 1886?**

- A) Gottlieb Daimler
- B) Karl Benz
- C) Rudolf Diesel
- D) Nikolaus Otto

**3. What year did the first airbag system become standard equipment in a production car (a Cadillac Eldorado)?**

- A) 1969
- B) 1973
- C) 1977
- D) 1981

**4. What is the approximate typical octane rating for regular unleaded gasoline in many countries?**

- A) 76
- B) 87
- C) 91
- D) 100

**5. The first successful mass-produced hybrid electric vehicle, the Toyota Prius, was introduced to the Japanese market in what year?**

- A) 1995
- B) 1997
- C) 2000
- D) 2004

**6. What is the common name for the system that prevents a car's wheels from locking up during braking?**

- A) ESC
- B) TCS
- C) ABS
- D) ESP

**7. How many cylinders are typically found in a V8 engine configuration?**

- A) 4
- B) 6
- C) 8
- D) 10

**8. What was the approximate production number of the Volkswagen Beetle by the time its original production run ended in 2003?**

- A) 10 million
- B) 21.5 million
- C) 35 million
- D) 50 million

**9. What is the primary function of a catalytic converter in a vehicle's exhaust system?**

- A) Increase engine power
- B) Reduce engine noise
- C) Convert harmful emissions into less harmful substances
- D) Improve fuel efficiency

**10. What year did the first Tesla production car, the Roadster, begin deliveries?**

- A) 2006
- B) 2008
- C) 2010
- D) 2012