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## **Level 5**

### **Electric car does 0 to 100kph in 2.8 seconds**

**21st July, 2015**

<http://www.breakingnewsenglish.com/1507/150721-electric-car-5.html>

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Please try Level 4 (easier) and the 26-page Level 6 (harder).

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# THE READING

From <http://www.breakingnewsenglish.com/1507/150721-electric-car-5.html>

A new version of an electric car from Tesla Motors can go from 0 to 100kph in just 2.8 seconds. The Tesla Model S P85D was already very fast. Its Insane Mode meant the car could get from 0-100kph in 3.2 seconds. The upgrade is called Ludicrous Mode and will take the horsepower up to 762. This gives it the extra power to get to 100kph in less than three seconds. This is close to the Porsche 911 Turbo S supercar. That kind of power means the car can accelerate at a force of 1.1G. It makes the driver feel that he or she is going faster than the speed of falling out of an airplane.

Tesla CEO Elon Musk said the improved acceleration came from research into an advanced battery. Engineers were working on a new power train, which is the system that delivers the power from the engine to the wheels. They managed to increase the battery power by ten per cent, making the car faster. Tesla said: "Unlike a gasoline internal combustion engine with hundreds of moving parts, Tesla electric motors have only one moving piece: the rotor. As a result...acceleration is instantaneous, silent and smooth." The new Tesla costs \$87,500; the "ludicrous" upgrade is an extra \$13,000.

Sources: <http://www.techtimes.com/articles/69899/20150718/tesla-model-s-ludicrous-mode-will-convert-electric-car-non-believers-to-radical-believers-why-because-vrooom.htm>  
<http://mashable.com/2015/07/17/tesla-ludicrous-mode/>  
<http://www.teslamotors.com/models>

# MATCHING

From <http://www.breakingnewsenglish.com/1507/150721-electric-car-5.html>

## PARAGRAPH ONE:

- |                                     |                        |
|-------------------------------------|------------------------|
| 1. A new version of                 | a. supercar            |
| 2. go from 0 to 100kph              | b. up to 762           |
| 3. The upgrade is called            | c. an electric car     |
| 4. take the horsepower              | d. force of 1.1G       |
| 5. This gives it the extra          | e. out of an airplane  |
| 6. the Porsche 911 Turbo S          | f. power               |
| 7. accelerate at a                  | g. in just 2.8 seconds |
| 8. faster than the speed of falling | h. Ludicrous Mode      |

## PARAGRAPH TWO:

- |                               |                          |
|-------------------------------|--------------------------|
| 1. improved                   | a. parts                 |
| 2. research into an advanced  | b. an extra \$13,000     |
| 3. increase the battery power | c. only one moving piece |
| 4. a gasoline internal        | d. acceleration          |
| 5. hundreds of moving         | e. by ten per cent       |
| 6. Tesla electric motors have | f. battery               |
| 7. instantaneous, silent      | g. combustion engine     |
| 8. the "ludicrous" upgrade is | h. and smooth            |

# LISTEN AND FILL IN THE GAPS

From <http://www.breakingnewsenglish.com/1507/150721-electric-car-5.html>

(1) \_\_\_\_\_ electric car from Tesla Motors can go from 0 to 100kph in just 2.8 seconds. The Tesla Model S P85D (2) \_\_\_\_\_. Its Insane Mode meant (3) \_\_\_\_\_ from 0-100kph in 3.2 seconds. The upgrade is called Ludicrous Mode and will take the horsepower up to 762. This (4) \_\_\_\_\_ power to get to 100kph in less than three seconds. This is close to the Porsche 911 Turbo S supercar. That kind of power means the car (5) \_\_\_\_\_ force of 1.1G. It makes the driver feel that he or she is going faster than the speed (6) \_\_\_\_\_ an airplane.

Tesla CEO Elon Musk said the (7) \_\_\_\_\_ came from research into an advanced battery. Engineers were (8) \_\_\_\_\_ power train, which is the system that delivers the power from the engine to the wheels. They managed (9) \_\_\_\_\_ battery power by ten per cent, making the car faster. Tesla said: "Unlike a gasoline internal (10) \_\_\_\_\_ hundreds of moving parts, Tesla electric motors have only one moving piece: the rotor. (11) \_\_\_\_\_ ...acceleration is instantaneous, silent and smooth." The new Tesla costs \$87,500; the "ludicrous" (12) \_\_\_\_\_ \$13,000.

# ELECTRIC CARS SURVEY

From <http://www.breakingnewsenglish.com/1507/150721-electric-car-5.html>

Write five GOOD questions about electric cars in the table. Do this in pairs. Each student must write the questions on his / her own paper. When you have finished, interview other students. Write down their answers.

	STUDENT 1 _____	STUDENT 2 _____	STUDENT 3 _____
Q.1.			
Q.2.			
Q.3.			
Q.4.			
Q.5.			

- Now return to your original partner and share and talk about what you found out. Change partners often.
- Make mini-presentations to other groups on your findings.

## WRITE QUESTIONS & ASK YOUR PARTNER(S)

Student A: Do not show these to your speaking partner(s).

- a) \_\_\_\_\_
- b) \_\_\_\_\_
- c) \_\_\_\_\_
- d) \_\_\_\_\_
- e) \_\_\_\_\_
- f) \_\_\_\_\_
- g) \_\_\_\_\_
- h) \_\_\_\_\_

*Electric car does 0 to 100kph in 2.8 seconds – 21st July, 2015*  
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## WRITE QUESTIONS & ASK YOUR PARTNER(S)

Student B: Do not show these to your speaking partner(s).

- a) \_\_\_\_\_
- b) \_\_\_\_\_
- c) \_\_\_\_\_
- d) \_\_\_\_\_
- e) \_\_\_\_\_
- f) \_\_\_\_\_
- g) \_\_\_\_\_
- h) \_\_\_\_\_

