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https://www.100test.com/kao_ti2020/460/2021_2022_2008_E8_81_8C_E7_A7_B0_c91_460932.htm Crashed Cars to Text Message for Help

There is no good place to have a car crash but some places are worse than others. In a foreign country, for instance, __C__1____ to explain via cellphone that you are upside down¹ in a ditch when you cannot speak the local language can fatally delay the arrival of the emergency services. But an answer may be at hand. Researchers funded by the European Commission² are beginning tests of a system called E-merge that __A__2____ senses when a car has crashed and sends a text message³ telling emergency services⁴ in the local language that the accident has taken place. The system was __C__3____ by ERTICO, a transport research organization based in Brussels, Belgium⁵. Cars are fitted with a cellphone-sized device attached __D__4____ the underside of the dashboard which is activated by the same sensor that triggers the airbag in a crash. The device __D__5____ a cellphone circuit, a GPS⁶ positioning unit, and a microphone and loudspeaker. It registers the severity of the crash⁷ by __B__6____ the deceleration data from the airbag ' s sensor. Using GPS information, it works out which country the car is in, and from this it determines __B__7____ which language to compose an alert message detailing precise location of the accident. The device then automatically makes a call to the local emergency services __D__8____. If the car ' s occupants are conscious, they can communicate with the operator __A__9____ the speaker and

microphone. E-merge also transmits the vehicles make⁸, color and license number, and its heading⁹ when it crashed, which in turn indicates on which side of a multi-lane highway it ended up. This ___D___¹⁰ the emergency services find the vehicle as soon as they arrive on the scene. “ We can waste a large ___C___¹¹ time searching for an incident, ” says Jim Hammond, a(an) ___C___¹² in vehicle technology at the Association of Chief Police Officers in the UK. Tests will begin soon with police car fleets in the UK. Trials have already started in Germany, Sweden, Spain, the Netherlands and Italy. In-car systems¹⁰ that summon the emergency services after a crash have ___13___^A been fitted in some premium cars¹¹. ERTICO says that ___D___¹⁴ EU states¹² are willing to fund the necessary infrastructure, E-merge could be working by 2008. A study by French car maker Renault¹³ concluded that the system could save up to¹⁴ 6000 of the 40,000 lives lost each year on Europe ’ s roads, and prevent a similar number of serious injuries. The Renault study estimates that fitting E-merge to every car in Europe would eventually save around 150 billion per ___B___¹⁵ in terms of¹⁵ reduced costs to health services and insurance companies, and fewer lost working days.

1. A) try B) tried C) trying D) having tried
2. A) automatically B) accidentally C) tremendously D) usually
3. A) changed B) located C) developed D) copied
4. A) by B) up C) about D) to
5. A) forms B) is consisted of C) composes of D) includes
6. A) read B) reading C) reads D) being read
7. A) on B) in C) of D) at
8. A) car maker B) policeman C) doctor D) operator
9. A) via B) near C) by D) beside
10. A) assists B) causes C) makes D)

helps11. A) number of B) deal of C) amount of D) volume of 12. A)
writer B) reporter C) expert D) leader13. A) already B) long ago C)
long before D) shortly14. A) although B) nevertheless C) however
D) if15. A) city B) year C) person D) country 100Test 下载频道开
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