

# Touch Technology



## Read the Article

Read the Article to practise and Improve your Reading Skills. Complete the Lesson Activity to test your level.

### Touch Technology

Do you remember having your fingers slammed in the car door as a kid? Or maybe you were scolded by your parents for scratching the car next to you when the wind blew the door open. How about seeing someone balance on one leg trying to pry a heavy door open while holding four grocery bags? It's safe to say we've all experienced one of these real-life "door struggles". And for those in the northern states, add dealing with frozen-shut doors to the list! While there are too many scenarios to chronicle the inconveniences of manual car doors, there is an unsung hero working behind the scenes with automakers to resolve these issues for good. Magna is one of the world's largest suppliers in the mobility space, and chances are, you probably have never heard of them, but likely experienced their technologies in one form or another.

The power liftgate technology Chrysler debuted on the minivan 20 years ago, for instance. Most people don't think about the auto supply chain, yet Magna designs and manufactures these systems, plus a lot more. And, as we look to the future, the company is sitting at the helm of mobility technology — the intersection of Silicon Valley tech, automotive and smart manufacturing sectors. Referring back to the everyday "door struggles," the innovative supplier has a solution for those too — with Smart Access TM, an advanced powered door system. Compared to a traditional manual door, advanced powered doors are customizable and easier to use. Engineers at Magna explored door applications with their HaptronikTM technology —

which is a revolutionary motion control software that enhances user experience and ensures that the door will feel the same way all the time in any condition — to expand the use cases of the manual door.

So, those slammed fingers or dinged cars? Magna's Smart Access TM doors can dictate the speed at which doors open and close — thankfully, helping prevent a gust of wind from deciding the fate of little fingers or the car next door. Magna is even developing an "ice breaker" feature for frozen doors. While automakers and suppliers develop futuristic ways for people to get from point A to point B over the next 50 years, there are everyday, simpler problems that are being resolved with ingenuity in the present. Smart Access TM was designed to create an intuitive experience for a variety of car owners. From helping an elderly person or individual with disabilities open a heavy door, to a single parent herding kids into the back seat with the convenience of a hands-free option, Smart Access TM propels the average driver into the future today, using technology with a human touch.

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## ACTIVITIES

### Choose True or False

- Magna is a Company which manufactures car doors.  
 True  
 False  
 Not given
- Liftgate technology was introduced twenty years ago.  
 True  
 False  
 Not given
- Ice breaker feature is useful for wheel issues.  
 True  
 False  
 Not given
- Chrysler worked together with a Silicon Valley company.  
 True  
 False  
 Not given
- The hands free option can help elderly people.  
 True  
 False  
 Not given

### Complete the Sentences

- Automotive technology is \_\_\_\_\_ in the world.  
 one of the less advanced  
 one of the most advanced  
 one of the more advanced
- Chrysler is one of the \_\_\_\_\_ in the United States.  
 biggest car companies  
 bigger car companies  
 biggest tech companies
- The evolution \_\_\_\_\_ has revolutionized today's world.  
 than touch technology  
 of touch technology  
 for touch technology
- Google is \_\_\_\_\_ technology companies of Silicon Valley.  
 among the most receding  
 out of the most prominent  
 among the most prominent
- Magna is a Canadian \_\_\_\_\_ company for automakers.  
 mobility technology  
 Nanotechnology  
 solar technology

### Choose the Correct order

- Which sentence appears first in the article?  
 Magna designs and manufactures.  
 Most people don't think about the auto.  
 The intersection of Silicon Valley tech.
- Which sentence appears first in the article?  
 Magna is even developing an "ice breaker".  
 which doors open and close.  
 Slammed fingers or dinged cars?
- Which sentence appears first in the article?  
 Develop futuristic ways for people.  
 Helping an elderly person.  
 The average driver into the future.
- Which sentence appears first in the article?  
 Is one of the world's largest suppliers.  
 Inconveniences of manual car doors.  
 The power liftgate technology.
- Which sentence appears first in the article?  
 And for those in the northern states.  
 While there are too many scenarios.  
 How about seeing someone balance.

**Correct answers on bottom page.**

## CORRECT ANSWERS

- False
- True
- False
- Not Given
- True
- one of the most advanced
- biggest car companies
- of touch technology
- among the most prominent
- mobility technology
- Most people don't think about the auto
- Slammed fingers or dinged cars?
- Develop futuristic ways for people
- Inconveniences of manual car doors
- How about seeing someone balance