CARS 🚗

Slide 1 and 2 :repeat the car parts.
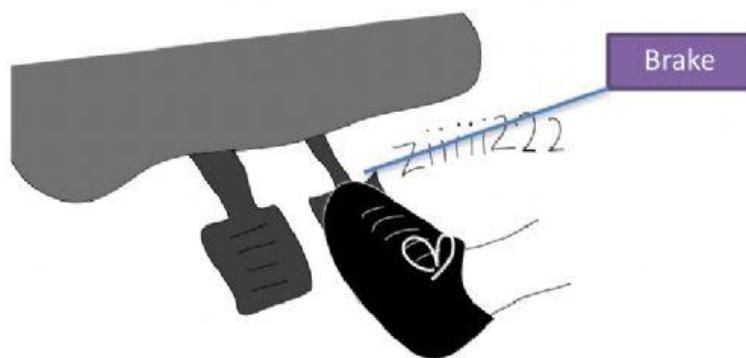
Rear

Boot

Steering wheel

Indicator

Engine

Front

LIVEWORKSHEETS

Navigation system

Brake

zitiii222

The steering wheel is made out of metal and leather

rubber

steel

silver

JAGUAR

fabric

plastic

wood

CRACKED
WINDSHIELD

glass

N - - - - - - - - s - - - -

- r - k -

- - - - - + - - - t - - r

- - bb - -

- - ee - -

R - - -

- - - -

- - - - -

- - - - - - - g - - - - -

- - - - - - - - -

- - - - - c

E - - - - -

- - - - - - c

CRACKED WINDSHIELD

- - - -

- - - - - -

zijriiz22
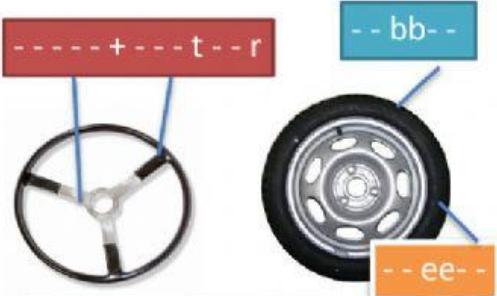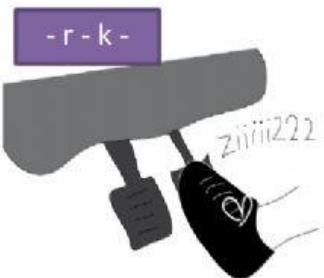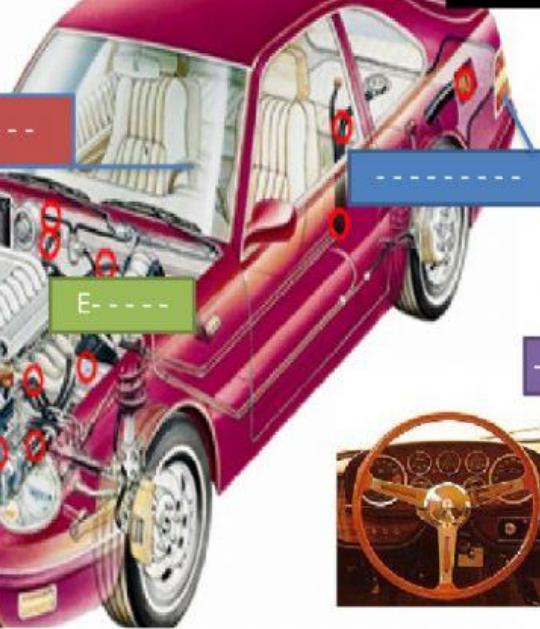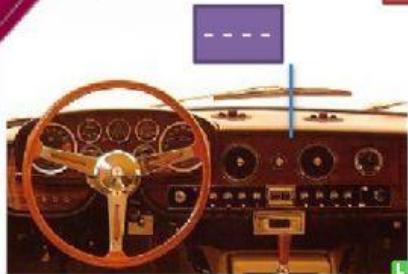
NEW TECHNOLOGIES ADS

LOOK NO HANDS: THE TECHNOLOGY IN THE ROBOT CAR
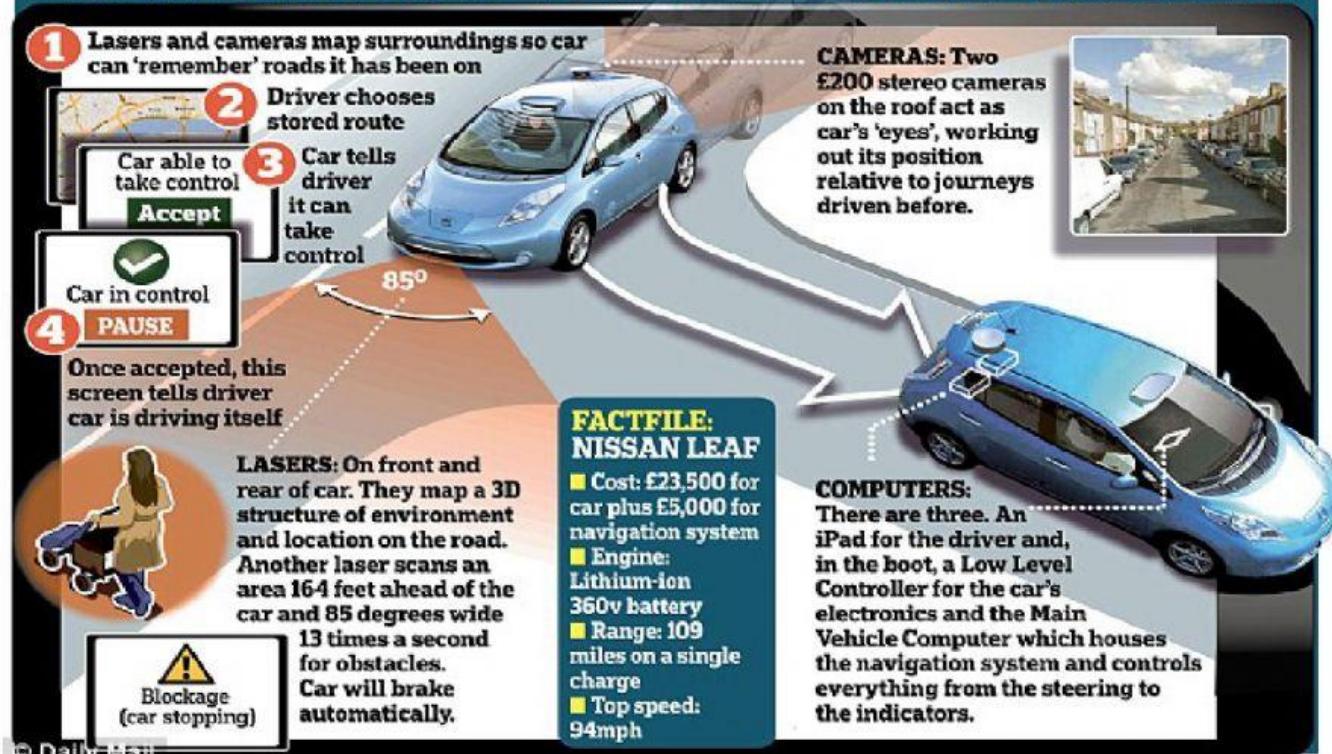
1 Lasers and cameras map surroundings so car can 'remember' roads it has been on

2 Driver chooses stored route

Car able to take control
Accept

3 Car tells driver it can take control

Car in control
4 **PAUSE**

Once accepted, this screen tells driver car is driving itself

85°

LASERS: On front and rear of car. They map a 3D structure of environment and location on the road. Another laser scans an area 164 feet ahead of the car and 85 degrees wide 13 times a second for obstacles. Car will brake automatically.

⚠ Blockage (car stopping)

© Daily Mail

CAMERAS: Two £200 stereo cameras on the roof act as car's 'eyes', working out its position relative to journeys driven before.

FACTFILE: NISSAN LEAF
■ Cost: £23,500 for car plus £5,000 for navigation system
■ Engine: Lithium-ion 360v battery
■ Range: 109 miles on a single charge
■ Top speed: 94mph

COMPUTERS: There are three. An iPad for the driver and, in the boot, a Low Level Controller for the car's electronics and the Main Vehicle Computer which houses the navigation system and controls everything from the steering to the indicators.

It can remember r............s – It can take c.............l – It can d.......... itself – It can scan ob.........s – It can b......... automatically – It can work out its p...............n – It can control the steering and the i...............s

LIVEWORKSHEETS