

WHAT'S NEXT FOR SEMI-AUTONOMOUS FEATURES?

Ford vehicles are available now with semi-autonomous and vision-enhancing technologies that are building blocks towards the cars of the future. Ford also is developing features that will benefit drivers in years to come.



INTELLIGENT SPEED LIMITER

- Available on the all-new Ford S-MAX and Galaxy
- Can help drivers avoid exceeding the speed limit and incurring costly speeding penalties by allowing drivers set a speed tolerance of up to 10 km/h (5 mph) above the detected speed limit
- System uses Traffic Sign Recognition technology and GPS data to detect speed limits and electronically controls the amount of fuel delivered to the engine

<https://www.youtube.com/watch?v=F3qmtEGGI0o>



PRE-COLLISION ASSIST WITH PEDESTRIAN DETECTION

- Available on the all-new Ford Mondeo, SMAX and Galaxy
- Uses radar and cameras to detect pedestrians and cross-references their shapes with a database to distinguish people from roadside objects
- Potentially reduces the severity of collisions, or helps to avoid accidents altogether by automatically applying the brakes if the driver does not respond to warnings

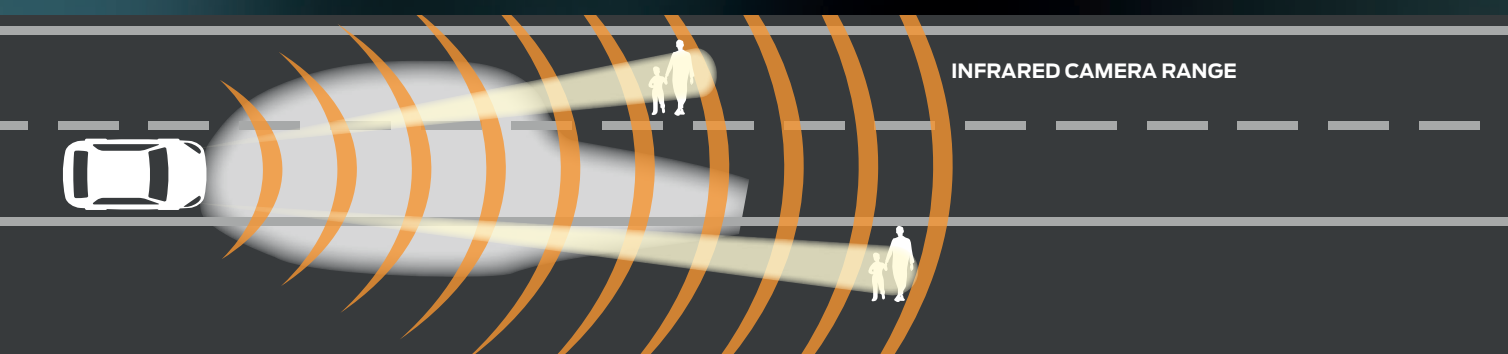
https://www.youtube.com/watch?v=pCl5op93E_s



FRONT SPLIT VIEW CAMERA

- Available on the all-new Ford S-MAX and Galaxy
- Enhances driver visibility with a 180-degree view – both left and right – of approaching vehicles, pedestrians or cyclists at a blind junction or exiting a driveway

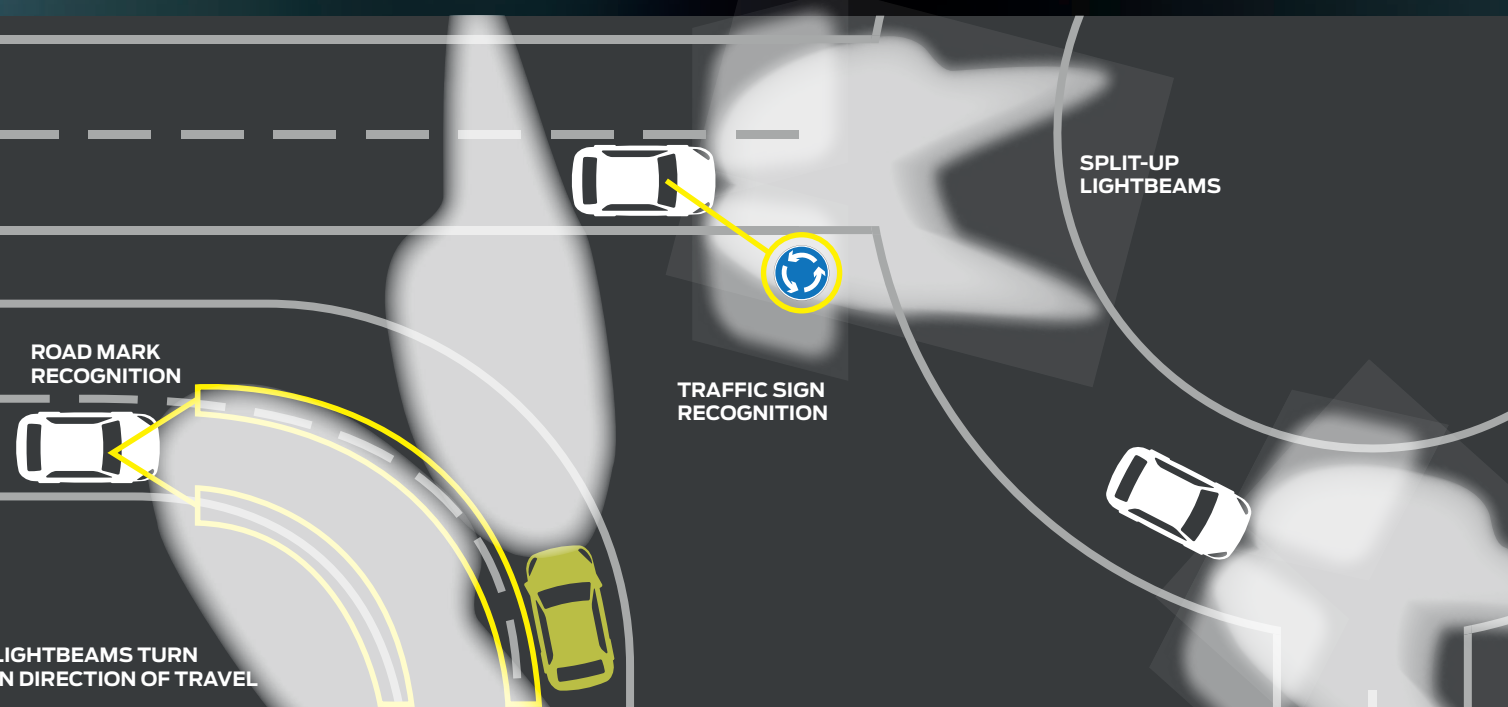
<https://www.youtube.com/watch?v=qAKIt9eHMNO>



SPOT LIGHTING

- Currently in the research phase
- Ford's Spot Lighting system locates and tracks pedestrians and or large animals in low light
- Subjects are highlighted to the driver by a spot and a stripe on the road surface, illuminated by two special LED lamps next to the fog lights

<https://www.youtube.com/watch?v=klkqOO7EaW0>



CAMERA-BASED ADVANCED FRONT LIGHTING SYSTEM

- Technology to be made available to customers in the mid term
- Provides drivers with improved visibility at roundabouts, Stop, and Give Way signs
- GPS-supported system predicts, better illuminates, and remembers bends and dips on a chosen route

<https://www.youtube.com/watch?v=QWVHSeIj8Ug>

