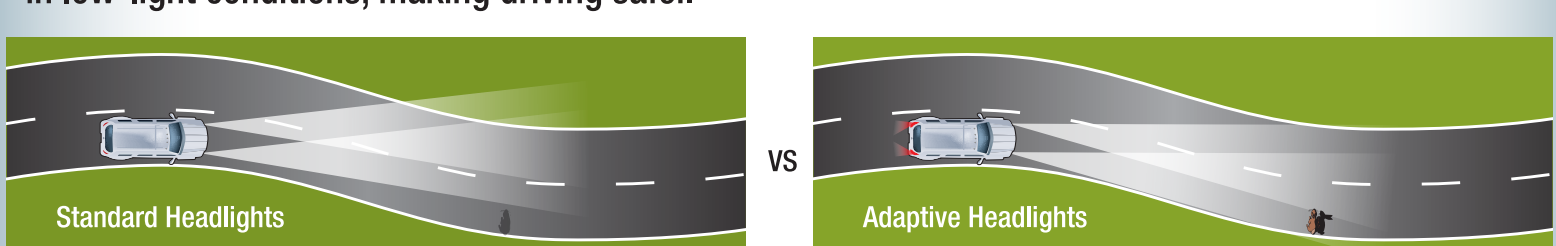
ADAPTIVE HEADLIGHTS

HEADLIGHTS THAT FOLLOW THE ROAD WITH YOU

Drivers using adaptive headlights around curves are able to see objects sooner than drivers with fixed headlights*

What are Adaptive Headlights?

Adaptive headlights are designed to light up the roadway around curves and over hills when driving in low-light conditions, making driving safer.



How do they work?

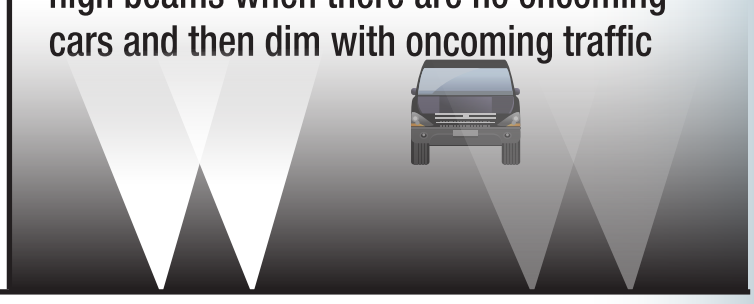
Electronic sensors measure:

- speed
- steering angle
- yaw (degree of rotation around the vertical axis)

Small electric motors then turn the light source left or right lighting the road ahead

Did you know...

Self-Adjusting Headlights will turn on the high beams when there are no oncoming cars and then dim with oncoming traffic



Adaptive headlights are most useful when...

- Driving on winding roads at night, during twilight, or in other low-light conditions, even in slow speed areas and parking lots.

They can address potentially dangerous situations, including:

- An animal on the road just around a poorly lit curve
- An oncoming vehicle negotiating a turn drifts into your lane
- Cresting a hill on a narrow road and you are unable to see whether another motorist is coming
- As you round a curve, your headlights temporarily blind oncoming traffic

Be Cautious

When approaching a curve, reduce your speed

Be Alert

Scan the road ahead... look for potential obstacles or road hazards

Take Action

If you spot a hazard, react by braking or steering - don't oversteer or you may lose control. Always stay focused and alert…

*IIHS Report Vol. 49, No.7-October 9, 2014

For more information about your safety systems, check your owner's manual or visit

MyCarDoesWhat.org
Know More. Drive Safer.

National Safety Council

The University of Iowa