

## Comment from Ryan Young

Posted by the **National Highway Traffic Safety Administration** on Mar 18, 2022

Cameras offer added benefits that have been well documented including other public comments on this matter, so the question then is what might mirrors provide that cameras cannot? If cameras can meet all features of mirrors & provide additional safety benefit then why require mirrors exclusively? It seems any safety requirement should provide manufacturer with a choice based on their own cost & market analysis of consumer preferences... for safety purposes require either mirror OR camera system, but don't require both and not one over another.

### Mirror Drawbacks:

Also mirrors have several drawbacks including such as

- obscuring forward visibility,
- reflecting sun or headlight glare on driver's eyes requiring dynamic adjustments while driving (camera can dynamically reduce glare and won't project directly into eyes of driver during forward navigation)
- falling out of proper alignment requiring manual readjustments while driving
- subject to same lens obscuring as cameras... i.e. smudging, fogging, etc; however, cameras have smaller lens surface area & with it are able to reduce issues with compensating controls like heat, nozzle spray to clean, etc.

### Mirror advantages:

- less prone to failure? not sure this seemingly obvious answer is correct as mirror can have several failures & cameras are rapidly improving in both quality & resilience.