

REQUIRING ANALOG AM RADIO IN NEW VEHICLES: WHAT IS CONGRESS TRYING TO SOLVE FOR?

A government requirement to install analog AM radio in vehicles:

- Not necessary for public safety.
- An intervention by Congress to support analog AM broadcasting.
- Creates a troubling precedent for U.S.DOT.

Options for news and entertainment while driving:

- Digital AM and FM radio.
- Internet-based radio (streaming).
- Satellite radio.
- Apple Carplay and Android Auto.

Solutions that stop short of a full-blown government analog AM radio mandate:

- Automakers will continue to make alerts from FEMA's Integrated Public Alert and Warning System (IPAWS) available across all platforms.

IPAWS alerts will be delivered for free.

- Automakers support a clear disclosure if a vehicle doesn't include analog AM radio.
- Instead of a law, automakers will include an emergency, portable AM radio in new vehicles without analog AM – if requested.



Why electric vehicles and AM broadcast don't always mix:

- High-voltage electrical systems in EVs generate electromagnetic interference.
- [Center for Automotive Research](#): the interference "...distorts AM radio signals, affecting the listening experience for drivers and passengers."
- Techniques to reduce interference (it can't be eliminated) add weight and would cost an estimated \$3.8 billion by 2030.

NHTSA should be a vehicle safety agency – and an agency with boundaries.

- NHTSA is the country's traffic safety watchdog and issues Federal Motor Vehicle Safety Standards after careful study of consumer acceptance and a rulemaking process.

***Examples of lifesaving vehicle safety technologies:
Air bags, anti-lock brakes, electronic stability control, seat belts.***

What's the rush?

- There are about 286 million vehicles on U.S. roads.
- Average age: 12+ years.

99 percent of vehicles have analog AM radio.

- If every automaker discontinued analog AM radio today it would take more than 30 years for analog AM radio to fully phase out of all vehicles.
- Congress has time to ask GAO to study this and understand where analog AM radio fits into the government's emergency alert protocols in the future.

Innovation and competition from China:

- Electrification, automation and connectivity are the future – a recipe for a strong, growing and competitive U.S. automotive industry.
- Automakers are doing their part to compete with China and produce the most connected, most innovative and most efficient vehicles in history.
- Resources and time diverted to mitigate analog AM radio interference will only complicate future vehicle efficiency and safe technologies.