

HR 4542

Vehicle Innovation Act of 2023

Congress: 118 (2023–2025, Ended)

Chamber: House

Policy Area: Transportation and Public Works

Introduced: Jul 11, 2023

Current Status: Referred to the Subcommittee on Energy, Climate and Grid Security.

Latest Action: Referred to the Subcommittee on Energy, Climate and Grid Security. (Jul 14, 2023)

Official Text: <https://www.congress.gov/bill/118th-congress/house-bill/4542>

Sponsor

Name: Rep. Dingell, Debbie [D-MI-6]

Party: Democratic • State: MI • Chamber: House

Cosponsors (1 total)

Cosponsor	Party / State	Role	Date Joined
Rep. Stevens, Haley M. [D-MI-11]	D · MI		Jul 11, 2023

Committee Activity

Committee	Chamber	Activity	Date
Energy and Commerce Committee	House	Referred to	Jul 14, 2023
Science, Space, and Technology Committee	House	Referred To	Jul 11, 2023

Subjects & Policy Tags

Policy Area:

Transportation and Public Works

Related Bills

Bill	Relationship	Last Action
118 S 1099	Identical bill	Mar 30, 2023: Read twice and referred to the Committee on Energy and Natural Resources.

Vehicle Innovation Act of 2023

This bill authorizes through FY2028 Department of Energy (DOE) activities to support the research, development, and commercialization of innovative vehicle technologies in partnership or collaboration with industry, fuel producers and energy suppliers, electric utilities, universities, and laboratories.

DOE must conduct a research and development program on materials, technologies, and processes with the potential to substantially reduce petroleum use and the emissions of U.S. passenger and commercial vehicles, including in the areas of natural gas and hydrogen vehicle technologies, electrification of vehicle systems, and hydraulic hybrid technologies. DOE must seek opportunities to leverage resources and support initiatives of state and local governments in developing and promoting advanced vehicle technologies, manufacturing, and infrastructure.

The bill also requires DOE to carry out a research, development, and commercial application program for advanced vehicle manufacturing technologies and practices, including innovative processes to increase the production rate and decrease the cost of advanced battery and fuel cell manufacturing.

In addition, DOE must

- conduct a program on advanced technologies for medium- to heavy-duty commercial, vocational, recreational, and transit vehicles;
- conduct a competitive grant program to demonstrate the integration of multiple advanced technologies on Class 8 trucks and trailers; and
- undertake a pilot program for technologies to improve total machine or system efficiency for nonroad mobile equipment (e.g., agricultural, construction, air, and seaport equipment).

Actions Timeline

- **Jul 14, 2023:** Referred to the Subcommittee on Energy, Climate and Grid Security.
- **Jul 11, 2023:** Introduced in House
- **Jul 11, 2023:** Referred to the Committee on Science, Space, and Technology, and in addition to the Committee on Energy and Commerce, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned.