S 1225

Vehicle Innovation Act of 2017

Congress: 115 (2017–2019, Ended)
Chamber: Senate
Policy Area: Transportation and Public Works
Introduced: May 24, 2017
Current Status: Read twice and referred to the Committee on Energy and Natural Resources.
Latest Action: Read twice and referred to the Committee on Energy and Natural Resources. (May 24, 2017)
Official Text: https://www.congress.gov/bill/115th-congress/senate-bill/1225

Sponsor

Name: Sen. Peters, Gary C. [D-MI]
Party: Democratic • **State:** MI • **Chamber:** Senate

Cosponsors (3 total)

Cosponsor	Party / State	Role	Date Joined
Sen. Alexander, Lamar [R-TN]	R · TN		May 24, 2017
Sen. Portman, Rob [R-OH]	R · OH		May 24, 2017
Sen. Stabenow, Debbie [D-MI]	D · MI		May 24, 2017

Committee Activity

Committee	Chamber	Activity	Date
Energy and Natural Resources Committee	Senate	Referred To	May 24, 2017

Subjects & Policy Tags

Policy Area:

Transportation and Public Works

Related Bills

Bill	Relationship	Last Action
115 HR 4050	Identical bill	**May 22, 2018:** Referred to the Subcommittee on Energy.
115 S 1460	Related bill	**Sep 19, 2017:** Committee on Energy and Natural Resources. Hearings held. Hearings printed: S.Hrg. 115-485.

Summary (as of May 24, 2017)

Vehicle Innovation Act of 2017

This bill authorizes appropriations to the Department of Energy (DOE) for research, development, engineering, demonstration, and commercial application of vehicles and related technologies for FY2018-FY2022.

The bill requires DOE to:

- conduct a program of research, development, engineering, demonstration, and commercial application activities (R&D activities) on materials, technologies, and processes with the potential to substantially reduce or eliminate petroleum use and the emissions of U.S. passenger and commercial vehicles;
- ensure that it continues to support R&D activities and maintains competency in mid- to long-term transformational vehicle technologies with potential to achieve reductions in emissions;
- carry out a research, development, and demonstration program on the secondary uses of electric vehicle batteries and develop guidelines for projects that demonstrate the secondary uses and innovative recycling of such batteries;
- carry out a program of R&D activities on advanced vehicle manufacturing technologies and practices;
- carry out a program of cooperative research, development, demonstration, and commercial application activities 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 (heavy-duty) truck and trailer platforms;
- develop standard testing procedures and technologies for evaluating the performance of advanced heavy vehicle technologies under a range of representative duty cycles and operating conditions and evaluate heavy vehicle performance using work performance-based metrics other than those based on miles per gallon and appropriate metrics based on the work performed by nonroad systems; and
- undertake a pilot program of research, development, demonstration, and commercial applications of technologies to improve total machine or system efficiency for nonroad mobile equipment and seek opportunities to transfer relevant research findings and technologies between the nonroad and on-highway equipment and vehicle sectors.

DOE may construct heavy-duty truck and bus testing facilities.

Actions Timeline

- **May 24, 2017:** Introduced in Senate
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