

JOINT COMMITTEE ON TRANSPORTATION
House of Representatives

Bill Summary

Bill Number: H.3649

Bill Name: An Act limiting autonomous driving capabilities to zero emission and electric vehicles

Sponsor(s): Rep. Michael Day

Hearing Date: June 24th, 2025 (**Reporting Date:** August 23rd, 2025)

Bill History: (2023-2024) H.3298; ordered to a House study
(2021-2022) H.3434; ordered to a House study
(2019-2020) H.2991; ordered to a House study
(2017-2018) H.3417; ordered to a House study

Current Law: Inserts new definitions into MGL Chapter 90 §1.

**Summary of
Proposed Law:**

§§1-2

Establishes the following definitions:

- ‘Autonomous technology’ as, “technology installed on a motor vehicle that has the capability to control the motor vehicle on which the technology is installed, without the active control or monitoring by a human operator; provided, however, that “autonomous technology” shall not include active safety or driver assistance technology, including, electronic blind spot assistance, crash avoidance, emergency braking, parking assistance, adaptive cruise control, lane keep assistance, lane departure warning, or traffic jam and queuing assistant, unless any of the technology, alone or in combination with other technology, enables the motor vehicle on which the technology is installed to drive without the active control or monitoring by a human operator;”
- ‘Autonomous vehicle’ as, “any motor vehicle equipped with autonomous technology;” and
- ‘Zero emission vehicle’ as, “a battery electric vehicle, a plug-in hybrid electric vehicle or a fuel cell vehicle.”

§3

Requires all autonomous vehicles to be zero-emission vehicles.