

HOUSE BILL 480

R5
HB 1587/20 – HRU

1lr1719

By: **Delegate Barve**

Introduced and read first time: January 15, 2021

Assigned to: Environment and Transportation

Committee Report: Favorable with amendments

House action: Adopted

Read second time: March 9, 2021

CHAPTER _____

1 AN ACT concerning

2 **Vehicle Laws – Plug-In Electric Drive Vehicles – Reserved Parking Spaces**

3 FOR the purpose of prohibiting a person from stopping, standing, or parking a vehicle that
4 is not a plug-in electric drive vehicle plugged into charging equipment in a parking
5 space that is designated in a certain manner for the use of plug-in electric drive
6 vehicles; establishing certain standards for signage designating reserved parking for
7 certain plug-in electric drive vehicles; ~~requiring that a parking space that is for the~~
8 ~~use of plug-in electric drive vehicles have certain pavement markings;~~ authorizing
9 a parking facility to have a vehicle that is stopped, standing, or parked in violation
10 of this Act towed or removed under certain circumstances and subject to certain
11 standards and requirements; requiring that a parking space that is for the use of
12 plug-in electric drive vehicles be counted in a certain way for complying with certain
13 laws intended to meet certain requirements under the Americans with Disabilities
14 Act; defining ~~a certain term~~ certain terms; establishing a civil penalty for a violation
15 of this Act; and generally relating to reserved parking spaces for plug-in electric
16 drive vehicles.

17 ~~BY repealing and reenacting, without amendments,~~
18 ~~Article – Transportation~~
19 ~~Section 11-145.1~~
20 ~~Annotated Code of Maryland~~
21 ~~(2020 Replacement Volume)~~

22 BY adding to
23 Article – Transportation

EXPLANATION: CAPITALS INDICATE MATTER ADDED TO EXISTING LAW.

[Brackets] indicate matter deleted from existing law.

Underlining indicates amendments to bill.

~~Strike out~~ indicates matter stricken from the bill by amendment or deleted from the law by amendment.



Section 21-1003.2
Annotated Code of Maryland
(2020 Replacement Volume)

SECTION 1. BE IT ENACTED BY THE GENERAL ASSEMBLY OF MARYLAND,
That the Laws of Maryland read as follows:

Article – Transportation

~~11-145.1.~~

(a) ~~“Plug-in electric drive vehicle” means a motor vehicle that:~~

~~(1) Is made by a manufacturer;~~

~~(2) Is manufactured primarily for use on public streets, roads, and
highways;~~

~~(3) Is rated at not more than 8,500 pounds unloaded gross vehicle weight;~~

~~(4) Has a maximum speed capability of at least 55 miles per hour; and~~

~~(5) Is propelled to a significant extent by an electric motor that draws
electricity from a battery that:~~

~~(i) Has a capacity of not less than 4 kilowatt-hours for 4-wheeled
motor vehicles and not less than 2.5 kilowatt-hours for 2-wheeled or 3-wheeled motor
vehicles; and~~

~~(ii) Is capable of being recharged from an external source of
electricity.~~

~~(b) “Plug-in electric drive vehicle” includes a qualifying vehicle that has been
modified from original manufacturer specifications.~~

21-1003.2.

**(A) (1) IN THIS SECTION, “PLUG-IN ELECTRIC” SECTION THE FOLLOWING
WORDS HAVE THE MEANINGS INDICATED.**

(2) “PLUG-IN ELECTRIC DRIVE VEHICLE” MEANS A MOTOR VEHICLE:

(I) THAT IS MADE BY A MANUFACTURER;

1 (II) THAT IS PROPELLED TO A SIGNIFICANT EXTENT BY AN
2 ELECTRIC MOTOR THAT DRAWS ELECTRICITY FROM A BATTERY THAT CAN BE
3 RECHARGED FROM AN EXTERNAL SOURCE OF ELECTRICITY;

4 (III) FOR WHICH THE EXTERNAL SOURCE OF ELECTRICITY IS
5 UNABLE TO BE CONNECTED TO THE MOTOR VEHICLE WHILE THE MOTOR VEHICLE IS
6 IN MOTION; AND

7 (IV) THAT IS PROPERLY REGISTERED.

8 (3) “PLUG-IN ELECTRIC DRIVE VEHICLE CHARGING SPACE” MEANS A
9 PARKING SPACE THAT PROVIDES ACCESS TO CHARGING EQUIPMENT THAT
10 TRANSFERS ELECTRICAL ENERGY TO A PLUG-IN ELECTRIC DRIVE VEHICLE.

11 (B) UNLESS THE VEHICLE IS A PLUG-IN ELECTRIC DRIVE VEHICLE THAT IS
12 PLUGGED INTO CHARGING EQUIPMENT, A PERSON MAY NOT STOP, STAND, OR PARK
13 A VEHICLE IN A DESIGNATED PLUG-IN ELECTRIC DRIVE VEHICLE CHARGING SPACE.

14 (C) (1) A PUBLICLY ACCESSIBLE PLUG-IN ELECTRIC DRIVE VEHICLE
15 CHARGING SPACE SHALL BE DESIGNATED BY A SIGN THAT MEETS THE
16 REQUIREMENTS OF PARAGRAPH (2) OF THIS SUBSECTION IF THE CHARGING SPACE
17 WAS FUNDED, IN WHOLE OR IN PART, BY:

18 (I) ANY STATE FUNDS, INCLUDING THE STRATEGIC ENERGY
19 INVESTMENT FUND; OR

20 (II) MONEY COLLECTED FROM ELECTRIC UTILITY
21 RATEPAYERS.

22 (2) A SIGN DESIGNATING A PLUG-IN ELECTRIC DRIVE VEHICLE
23 CHARGING SPACE SHALL:

24 (1) ~~BE AT LEAST 18 INCHES HIGH AND 12 INCHES WIDE;~~

25 (2) ~~BE CLEARLY VISIBLE TO THE DRIVER OF A MOTOR VEHICLE~~
26 ~~ENTERING THE PLUG-IN ELECTRIC DRIVE VEHICLE CHARGING SPACE;~~

27 (I) INDICATE THAT THE CHARGING SPACE IS ONLY FOR
28 ELECTRIC VEHICLE CHARGING;

29 (II) INCLUDE ANY DAY OR TIME RESTRICTIONS;

30 ~~(3)~~ (III) STATE THE MAXIMUM FINE THAT MAY BE INCURRED FOR A
31 VIOLATION; AND

~~(4)~~ (IV) ~~MEET ANY APPLICABLE STATE AND FEDERAL REQUIREMENTS FOR PARKING SIGNS~~ BE CONSISTENT WITH THE DESIGN AND PLACEMENT SPECIFICATIONS ESTABLISHED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS ADOPTED BY THE STATE HIGHWAY ADMINISTRATION UNDER § 25-104 OF THIS ARTICLE.

~~(D) A PLUG-IN ELECTRIC DRIVE VEHICLE CHARGING SPACE SHALL BE INDICATED BY GREEN PAVEMENT MARKINGS.~~

~~(E)~~ (1) A PRIVATELY OWNED PARKING FACILITY MAY HAVE A VEHICLE THAT IS STOPPED, STANDING, OR PARKED IN VIOLATION OF THIS SECTION TOWED OR REMOVED IN ACCORDANCE WITH SUBTITLE 10A OF THIS TITLE.

(2) (I) A PARKING FACILITY OWNED BY A LOCAL JURISDICTION MAY HAVE A VEHICLE THAT IS STOPPED, STANDING, OR PARKED IN VIOLATION OF THIS SECTION TICKETED, TOWED, OR REMOVED IF AUTHORIZED BY LOCAL LAW.

(II) A LOCAL LAW AUTHORIZING THE TOWING OR REMOVAL OF A VEHICLE AS DESCRIBED IN SUBPARAGRAPH (I) OF THIS PARAGRAPH SHALL BE EQUIVALENT TO OR EXCEED THE STANDARDS AND REQUIREMENTS ESTABLISHED UNDER SUBTITLE 10A OF THIS TITLE.

~~(F)~~ (E) A PLUG-IN ELECTRIC DRIVE VEHICLE CHARGING SPACE SHALL BE COUNTED AS PART OF THE OVERALL NUMBER OF PARKING SPACES IN A PARKING LOT FOR THE PURPOSE OF COMPLYING WITH ANY ZONING OR PARKING LAWS INTENDED TO MEET REQUIREMENTS FOR COMMERCIAL AND INDUSTRIAL USES UNDER THE AMERICANS WITH DISABILITIES ACT.

~~(G)~~ (F) A PERSON WHO VIOLATES THIS SECTION IS SUBJECT TO A CIVIL PENALTY OF \$100.

SECTION 2. AND BE IT FURTHER ENACTED, That this Act shall take effect October 1, 2021.