

# HOUSE BILL 480

R5  
HB 1587/20 – HRU

1lr1719

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By: **Delegate Barve**

Introduced and read first time: January 15, 2021

Assigned to: Environment and Transportation

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Committee Report: Favorable with amendments

House action: Adopted

Read second time: March 9, 2021

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## 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

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### 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.



1 Section 21-1003.2  
2 Annotated Code of Maryland  
3 (2020 Replacement Volume)

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

6 **Article – Transportation**

7 ~~11-145.1.~~

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

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

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

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

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

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

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

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

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

23 **21-1003.2.**

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

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

27 **(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**

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

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

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

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

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

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

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

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