

Section 2B.6

UNMUFFLED COMPRESSION BRAKE PROHIBITED SIGNS

2B.6.1 DEFINITION

“Unmuffled compression brake” or (engine brake) means any motor vehicle brake that is operated by the compression of the engine of the motor vehicle. An unmuffled compression brake is also referred to as a “jake brake”.

This policy is intended to provide guidance on the issuance of permits to local governments for UNMUFFLED COMPRESSION BRAKE PROHIBITED signs.

2B.6.2 CONDITIONS FOR PLACING SIGNS

The Department will not install UNMUFFLED COMPRESSION BRAKE PROHIBITED signs. Applications for a Regulatory Sign permit may be sent to the District Office to which the requested sign would belong.

To obtain a Regulatory Sign permit:

1. A permit request form for Regulatory Signs must be signed by an official of the local government requesting the sign
2. The request must specify where the signs will be placed
3. The following must be attached to the request:
 - a. A map illustrating where the signs will be placed
 - b. A copy of the local ordinance banning the use of unmuffled compression brakes specifically (a broad noise ban ordinance will not be accepted)
 - c. Shop drawings illustrating the size of sign, lettering height, font, legend, and type of material (sheeting) to be used

2B.6.3 LOCATION AND PLACEMENT

The UNMUFFLED COMPRESSION BRAKE PROHIBITED signs shall only be placed in an area with a current ordinance prohibiting unmuffled compression brakes that has been passed by the local governing agency requesting the permit for these signs. The sign shall be mounted as an independent sign assembly that meets DOTD current sign installation standards.

2B.6.4 SIGN DESIGN

The UNMUFFLED COMPRESSION BRAKE PROHIBITED signs shall be designed as described below:

1. White background on the sign
2. Black lettering:
 - a. two lane roadways – 4 inch lettering
 - b. multilane roadways, 45 mph or less – 4 inch lettering
 - c. multilane roadways with 50 mph or greater – 6 inch lettering
 - d. Control of Access roadways – 13 inch lettering
3. Clearview 1W font shall be used
4. The sign shall be retroreflective to show the same shape and similar color both day and night

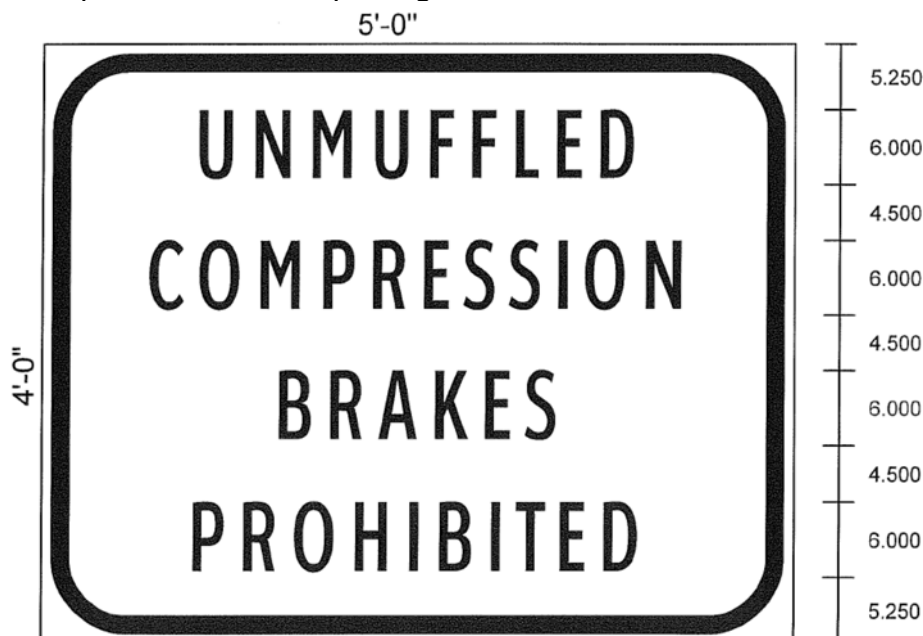
The back of UNMUFFLED COMPRESSION BRAKE PROHIBITED signs shall have the following information either on a weather proof sticker or written neatly in black permanent marker:

1. The proper agency to call for maintenance
2. The permit number
3. The installation date

2B.6.5 IMPLEMENTATION

All new requests for UNMUFFLED COMPRESSION BRAKE PROHIBITED signs shall follow this policy. All existing signs installed under an approved DOTD permit are grandfathered in until they are replaced due to damage or routine maintenance.

Figure 2B.6.1 Unmuffled Compression Brakes Prohibited Standard Sign for a multilane roadway with a speed limit of 50 mph or greater.



2B.6.6 APPROVAL

The District Traffic Operations Engineer shall recommend for approval the UNMUFFLED COMPRESSION BRAKE PROHIBITED signs and the Traffic Engineering Management Administrator shall approve. If the sign is non-standard, the Traffic Engineering Management Administrator shall approve the sign prior to installation.

2B.6.7 DOCUMENTATION

The District Traffic Operations Engineer may consider documenting the locations of the UNMUFFLED COMPRESSION BRAKE PROHIBITED signs by either Control Section – Logmile or GPS coordinates.