

1 19A NCAC 03D .0532 is proposed for readoption without substantive changes as follows:

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3 **19A NCAC 03D .0532 BRAKES**  
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5 No vehicle brakes shall be approved for an inspection ~~sticker~~ unless the items indicated in this Rule are inspected  
6 and found to meet the minimum requirements established in G.S. 20-124 and this Rule.

7 (1) Footbrakes shall not be approved if:

- 8 (a) ~~When when~~ applying brakes to the moving vehicle, the braking force is not distributed  
9 evenly to all wheels originally equipped with brakes by the manufacturer.  
10 ~~manufacturer~~; (The inspection mechanic must drive the vehicle to make this test. The  
11 inspector may check the brakes while driving vehicle forward into the inspection area.)  
12 (b) ~~There there~~ is audible indication (metal on metal) that the brake lining is worn to the  
13 extent that it is no longer ~~serviceable~~. serviceable; (The wheel must be pulled and the  
14 brake lining examined when this occurs.)  
15 (c) ~~Pedal pedal~~ reserve is less than ~~1/3~~ one third of the total possible travel when the brakes  
16 are fully applied, or does not meet the manufacturer's specification for power brakes or  
17 air ~~brakes~~.brakes;  
18 (d) ~~The the~~ reservoir of the master cylinder is not ~~full~~. full; (Only brake fluid meeting SAE  
19 specifications for heavy duty hydraulic brake fluid shall be used when adding or  
20 changing brake fluid.)  
21 (e) ~~There there~~ is a visible leakage or audible seepage in hydraulic, vacuum or air lines and  
22 cylinders, or visible cracked, chafed, worn, or weakened ~~hoses~~. brake lines and hoses,  
23 then there must be of a type approved for a motor vehicle use;  
24 (f) ~~The the~~ vehicle has any part of the brake system removed or ~~disconnected~~. disconnected;  
25 and  
26 (g) ~~The the~~ brake pedal moves slowly toward the ~~toeboard (indicating fluid leakage)~~  
27 toeboard, indicating fluid leakage, while pedal pressure is maintained for one minute.

28 (2) Inspection mechanics are not expected to remove wheels in order to inspect the brakes. ~~(Except~~  
29 Except as provided in Sub-item (1)(b) of this ~~Rule~~. Rule.) Inspection mechanic must raise vehicle  
30 to get beneath to check underside.

31 (3) Handbrakes (auxiliary, parking or holding) shall not be approved if:

- 32 (a) ~~There there~~ is no lever reserve when the brake is fully ~~applied~~. applied;  
33 (b) ~~Cables cables~~ are visibly frayed or frozen, or there are missing or defective cotter pins or  
34 broken or missing retracting springs or worn rods or ~~couplings~~. couplings;  
35 (c) ~~The the~~ operating mechanism, when fully applied, fails to hold the brakes in the applied  
36 position without manual ~~effort~~. effort; and  
37 (d) ~~When when~~ emergency or handbrakes are ~~applied~~. applied, without depressing the

1                                    accelerator, they fail to hold vehicle.

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3    *History Note:*    *Authority G.S. 20-2; 20-39; ~~20-183.3(1)~~; 20-183.3(a)(1);*

4                                    *Eff. October 1, ~~1994~~.1994;*

5                                    *Readopted Eff. \_\_\_\_\_, 2021.*