

 Preview Solution CBR-2503-2

Brake Pedal Freeplay Adjustment - VN (4) - PR (4) - AN (4)

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Valid For

Volvo Chassis - VN (4)

Mack Chassis - PR (4) and AN (4)

Model Year - 2025 to current

The purpose of this CBR is to outline the steps for adjusting brake pedal freeplay following Foot Brake Modulator (FBM) replacement or when diagnostic code C10C3-77 is present.

1. Adjustment Procedure.

- 1.1) Check freeplay of the brake pedal
- 1.2) Use a ruler or measuring tape perpendicular to the center of the brake pedal to measure freeplay. (See picture below)



NOTE: when measuring the freeplay of the pedal, you only need to press the pedal with one finger. Does NOT take alot of force to move pedal

1.2) Spec for freeplay is 4 ± 2 mm

1.3) If the freeplay is out of spec, loosen the jam nut and adjust the screw to reach the correct freeplay.



 Image preview

There is two different screw option, both are correct.

1.4) Once freeplay is in spec, torque jam nut to $10 \text{ N.M} \pm 2 \text{ N.M}$

1.5) Recheck the freeplay after torquing of the jam nut to make sure pedal is still in spec.

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