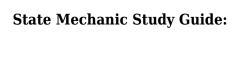
# Heavy Truck Brakes Michigan Mechanic Study Guide Exam Latest Update

- an engine brake (jacobs brake): a. is a self-energizing servo type.
- b. is normally used in place of a spring brake.
- c.restrictstheintakeportandcausesabuildupof30-45lbsofpressure.
- d.openstheexhaustvalvesnearthetopofthecompression stroke to release the compresse dair. (correct awnser)
- inthesystem shown below, the part at c is:: a. an inversion valve. (possible correct awns er)
- b.a safetyvalve.
- c.amodulatorvalve.(not correct awnser)
- d.arelayvalve.
- a mechanic has removed a brake drum and found the brake linings soaked with grease.t
  he brake linings should be:: a.re-placed. (correct awnser)
- b. sanded to roughen up the friction surface.
- c.dippedinlacquerthinner.
- d.washedwithdenaturedalcohol.
- 4. inthe drawing below, the parking brakes are applied by:: a.air pressure at point f.
- b.vacuuminareab.
- c.springatpointc.
- d.pressurein area a. (not correct awnser)
- what is the purpose of avacuum booster?: a. to decrease brake pedal effort. (possible correct awnser)
- b.topreventfadeunderheavybraking.
- c.toprovideassistancewhentheenginevacuum is low. (not correct awnser)
- d.tomaintainuniformpedaltravelastheliningswear.
- thetrailer brakes do notwork. thetractor system is at normal pressure. there are no leaks and the service and emergency lines are hooked up right, what could cause this prob-

# **State Mechanic Study Guide**

Shasha Hu



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