

SINGLE CAR AIR BRAKE TEST

1. Ensure that the car is secured
2. Ensure the hand brakes are released
3. Attach SCAB Tester
4. Charge car with shop air to 75 psi (or what your brake pipe pressure is)
5. Close air valve on the SCAB Isolation valve
6. Check air brake pressure loss over 1 min
 - a. If loss is over 3 psi
 - i. Find air leak
 - ii. Fix air leak
 - iii. Re-test
 - b. If loss is under 3 psi
 - i. Record and continue
7. Make a 6 psi reduction to the brake pipe (min reduction), through the ball valve
 - a. Measure Brake Cylinder Travel
 - i. Car
 1. If Brake Cylinder Travel not between 7.5" – 8.0" (Whatever your equipment spec is)
 - a. Adjust brake travel
 - b. Re-test
 2. If Brake Cylinder Travel is between 7.5" – 8.0" (Whatever your equipment spec is)
 - a. Record and continue
8. Make another __psi reduction to the brake pipe to a full service reduction
 - a. Measure Brake Cylinder Travel and record
9. Make a Emergency Brake reduction
 - a. Measure Brake Cylinder Travel and record
10. Slowly increase the brake pipe pressure
 - a. Record the pressure that the brakes release at
11. Recharge the Car
12. Make another Emergency Brake reduction
13. Leave over night
14. In the morning
 - a. Slowly increase the brake pipe pressure
 - b. Record the pressure that the brakes release at