

BRAKE RE-APPLICATION DEVICE

Strato's B.R.A.D (Brake Re-Application Device) allows you to re-test cars that have failed a Class I or IA brake test without removing them from the train, avoiding unnecessary delays and saving money.



PART #

BRAD

Includes gladhand safety tool, instruction card, and protective case.



Locking handle for safety

Compact and lightweight, the B.R.A.D. complies with federal regulation 49 CFR 232.205 which states: "A car found with brakes that fail to apply or remain applied may be re-tested and remain in the train if the re-test is conducted at an air pressure that is within 15psi of the air pressure at which the train will be operated. The re-test may be conducted from either the controlling locomotive, the head-end of the consist, or with a suitable test device..."

Customer Service - Phone: (800)792-0500 Fax: (800)378-7288

customerservice@stratoinc.com • 100 New England Avenue, Piscataway, NJ 08854

BRAD DEVICE INSTRUCTIONS FOR TEST

- 1) Determine car to be tested.
- 2) Install test device as follows:
 - a) Close angle cocks on car to be tested, (both ends).
 - b) On adjacent car toward yard air (or locomotive), close the angle valve on the end next to the car to be tested.
 - c) Release air pressure trapped between angle cocks in the end hoses using "Gladhand Safety Tool", (Strato Part #GST).
 - d) With air pressure released, uncouple end hose gladhands.
 - e) Install test device between end hose gladhands. Note: Locking coupling must be installed on car toward yard air, not toward car to be tested.
- 3) With test device properly installed and test device operating handle in **LAP/CLOSED** position, open angle cocks on both sides of device only (angle cock on opposite end of car remains closed).
 - a) Move operating handle to **CHARGE/OPEN** position (*the system will charge with air*).
- 4) With car brake pressure fully stabilized, note air pressure on gage.
- 5) Move test device operating handle to **LAP/CLOSED** position and check for pressure drop on gage. If pressure drops, check car for leaks.
- 6) To make a brake application on the test car, press the air release button on the test device and reduce brake pipe pressure 20psi read at gage. Release button, air will stop flowing.
- 7) Inspect car for proper brake cylinder application.
- 8) Recharge test car to release the brakes, moving operating handle to **CHARGE/OPEN** position.
- 9) To remove test device:
 - a) Close angle cocks on both sides of the test device.
 - b) Press air release button to exhaust air pressure in the hoses.
MAKE SURE THE OPERATING HANDLE IS IN CHARGE/OPEN POSITION.
 - c) With air exhausted, remove test device and re-couple end hose gladhands.
- 10) Slowly open all three angle cocks, starting at the car connected to yard air.

