

## 81528

On May 18 2015 an inspection of car frame from car 81528 was held at the Bear DE facility with the FRA Ray Martinez. The remaining Air Brake valves were removed from the car frame and sent to the Air Brake shop for testing. The following valves were missing or damage;

1. A-1 Reduction pipe bracket with a #8 vent valve and B-1 valve.
2. B-End GV-18 dump valve.
3. B-end E-3 Application valve.
4. All B-3-B emergency valves.
5. A-End GV-18 valve was damage.
6. Both trucks.

All the valves were tested on the AB bench test racks. The follow are the inspection dates and test procedures

The 26C service portion, Rebuild date 6/17/14 was placed on AB Rack#1 (5/ 15/15) [REDACTED] performed Test procedure T-2424-0 issue # 38 date 10/23/12. The valve passed the bench test. The service limiting valve setting was 63 PSI. And the Emergency limiting valve setting was 80PSI.

The # 8 Vent Valve, Rebuild date 8/14 was placed on AB test Rack #3 (5/15/15). [REDACTED] performed test procedure T-2720-0 issue #10 date 1-12-90. The valve passed the bench test.

The J-16B was placed Rebuild date 6/5/14 was placed on AB test Rack #2 (5/8/15) [REDACTED] performed test procedure 2514-0 issue #3 10/17/1968. The valve passed the bench test,

The E-3 Application valve Rebuild date 9/14 was placed on AB Rack #3 (5/15/15) [REDACTED] performed the test procedure T-785-0 issue #6 8-18-77. The E-3 Application valve passed the bench.



Senior Air Brake Engineer

