

INSPECTION of 30-CW MODULE PORTION, Part No. 0583679

JULY, 2003

The Emergency Valve Cover, Part No. 0583794 fastened to the Module Body, Part No. 0583790 may be distorted sufficiently to prevent the Cover Gasket, Part No. 0583766 from creating an airtight seal between the Emergency Valve Cover, Part No. 0583794 and the Module Body, Part No. 0583790. This service bulletin gives instruction for the inspection of the unit to determine if an air leak exists. Reference Parts Catalog 3208-50, Sup. 1 to view the components listed in this Service Bulletin. See Figure 1 for a photograph of the affected area on the 30-CW Module Portion.



Figure 1

service bulletin

The inspection of the 30-CW Module Portion Part No. 0583679 is to occur during the next scheduled 92-day locomotive inspection. The steps to perform the inspection are listed below.

1. Observe all safety practices of the Railroad.
2. Apply the hand brake on the locomotive being inspected.
3. Pressurize the main reservoir system to at least the minimum compressor cut-in value, normally 130 psig.

NOTE: The pressure listed in this step is typical of most Railroads. Use the standard pressure setting of your Railroad if different.

4. With the Brake Valve in the Cut-In position, move both the independent and automatic brake valve handle to the Release position.
5. Verify Main Reservoir Pressure is approximately 130 to 140 psig and Brake Pipe is registering 90 psig.

NOTE: The pressures listed in this step are typical of most Railroads. Use the standard pressure settings of your Railroad if different.

6. Locate the 30-CW Module Portion Part No. 0583679.
7. Apply a liquid leak detector on the gasket interface of the Emergency Valve Cover Part No. 0583794 and the Module Body Part No. 0583790 and inspect for the formation of bubbles.
 - a. If no bubbles form, the 30-CW Module Portion passes the inspection and can remain on the locomotive. No further action is required.
 - b. If bubbles form, proceed to Step 8.
8. Drain the air from the locomotive system.
9. Remove the 30-CW Module Portion Part No. 0583679 from the locomotive.
10. Install a new 30-CW Module Portion Part No. 0583679 that has been tested and qualified by an approved WABTEC Service Center. The test sticker on the replacement valve should be dated 7/03 (July, 2003) or later.
11. Repeat Steps 3 through 6 to verify there is no leakage from the 30-CW Module Portion in the area of the Emergency Valve Cover.

If a 30-CW Module Portion Part No. 0583679 was removed from the locomotive due to leakage at the Emergency Valve Cover, it is to be returned to a WABTEC Service Center for repair. A replacement unit will be provided from an established pool stock.

Contact Jane Byroad at WABCO Locomotive Products, (412) 825-1327, or your local WABTEC representative for the appropriate Service Center address and details on unit exchange.