

► TASK Remove, clean, inspect, and/or replace brake shoes, springs, pins, clips, levers, adjusters/self-adjusters, other related brake hardware, and backing support plates; lubricate and reassemble.

MAST
5C4

CDX Tasksheet Number: C248

Time off _____
Time on _____
Total time _____

1. Clean brake shoes, hardware, and backing plates using equipment and procedures for dealing with asbestos/dust.
2. Disassemble the brake shoes and hardware from the backing plate, being careful not to lose any parts and remembering how they go back together.
 - a. Measure lining thickness: (Primary) _____ in/mm;
(Secondary) _____ in/mm
 - b. Inspect and clean hardware:
 - i. Springs:
Damaged: _____ Missing: _____
Weak: _____ Okay: _____
 - ii. Pins:
Damaged: _____ Missing: _____
Okay: _____
 - iii. Levers and adjusters:
Damaged: _____ Missing: _____
Okay: _____
 - iv. Backing plate:
Damaged: _____ Worn: _____
Okay: _____
 - v. Other hardware:
Damaged: _____ Missing: _____
Okay: _____
3. Determine any necessary action(s):
4. Have your instructor initial to verify condition of hardware: _____

NOTE Many vehicles use a primary shoe toward the front of the vehicle and a secondary shoe toward the rear of the vehicle. Refer to the manufacturer's procedure to install the shoes, springs, and hardware correctly.

5. Following the manufacturer's procedure, lightly lubricate the support pads on the backing plate and reassemble the brake assembly (shoes, springs, hardware, etc.).

NOTE The brake shoe support pads on the backing plate require a thin film of the proper lubricant applied to their contact surface. This will reduce the wear on the backing plate as the side of the brake shoe rubs against the backing plate as the brakes are operated. Lubriplate (or in some cases, antiseize) is commonly used for this purpose. Just make sure that it only goes on light enough so you can see through it. If too much lubricant is used, it can contaminate the brake linings, which can cause the brakes to grab.

6. Are the springs seated correctly? Yes: _____ No: _____

7. Does the self-adjuster operate properly? Yes: _____ No: _____

8. List any necessary action(s):

9. Have your supervisor/instructor verify satisfactory completion of this procedure, any observations found, and any necessary action(s) recommended.

Performance Rating

CDX Tasksheet Number: C248

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Supervisor/instructor signature _____ Date _____