

CDX Automotive Tasksheet : C803

Student/Intern Information:

Name Date Class

Vehicle used for this activity:

Make Model

Year Odometer VIN

Learning objective/task:

Clean and inspect caliper mounting and slides/pins for operation, wear, and damage; determine necessary action.

Recommended resource materials:

- CDX General Service
- CDX Automotive Resource Kit
- CDX eTextbook
- Tech Service Bulletins, Shop Manuals, and any other information applicable to the specific vehicle or components you are working on.

Some safety issues to consider:

- Vehicle hoists are important tools that increase productivity and make the job easier. But they also can cause severe injury or death if used improperly. Make sure you follow the hoist and vehicle manufacturer's operation procedures. Also make sure you have your supervisor/instructor's permission to use a vehicle hoist.
- **Caution:** Brake dust may contain asbestos which has been determined to cause cancer when inhaled or ingested. Treat all brake dust as if it contains asbestos and use OSHA approved Asbestos removal equipment. DO NOT allow brake dust to become airborne by using anything that would disturb the dust. Also wear protective gloves during this procedure and dispose of or clean them in an approved manner.
- Always wear correct protective eyewear and clothing and use the appropriate safety equipment, as well as fender covers, seat protectors, and floor mat protectors.
- Make sure that you understand and observe all legislative and personal safety procedures when carrying out practical assignments. If you are unsure of what these are, ask your supervisor/instructor.

Materials required:

- Vehicle or disc brake assembly
- Vehicle lifting equipment
- Asbestos removal equipment

Assignment:

1. Research the caliper removal and mounting inspection procedure in the appropriate Service Manual.
2. Remove the caliper, following the Service Manual procedure, being careful not to disturb any brake dust.
3. Clean caliper using equipment/procedures for dealing with asbestos/dust

CDX Automotive Tasksheet : C803

4. Inspect the Caliper Mountings and slide/s and pin/s for wear and damage.

List observations:

a. Wear:

b. Damage:

c. Based on your observations, determine any necessary action/s:

5. Since another disc brake task may be part of this same job, ask your supervisor/instructor if you should continue on and complete that task as well. If not, reassemble the caliper on the brake assembly according to the service manual procedure and return any tools that you may have used to their proper locations.
6. Return the vehicle to beginning condition and return any tools that you may have used to their proper locations.
7. Have your supervisor/instructor verify satisfactory reassembly and completion of this procedure, any observations found, and any necessary action/s recommended.

CDX Automotive Tasksheet : C803

Student's competency rating

Supervisor/instructor assessing performance marks applicable box



* 0 *

0 - No exposure

No information or practise provided during the program; complete training required



* 1 *

1 - Exposure only

General information provided with no practice time; close supervision needed; additional training required



* 2 *

2 - Limited practice

Has practiced job during training program; additional training is required to develop skill



* 3 *

3 - Moderately skilled

Has performed job independently during training program; limited additional training may be required



* 4 *

4 - Skilled

Can perform job independently with no additional training

Supervisor/instructor signature Date

Supervisor/instructor name

The tasks in this worksheet contain activities that also contribute towards the achievement of a range of educational and interdisciplinary skills. These skills are variously described by such terms as 'Core Skills', or 'Key Competencies', or 'Applied Academics'.



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