

Brake System Diagnosis and Repair

Chapter 72 - Part Two

Name _____ Date _____ Period _____

Disc Brake Service

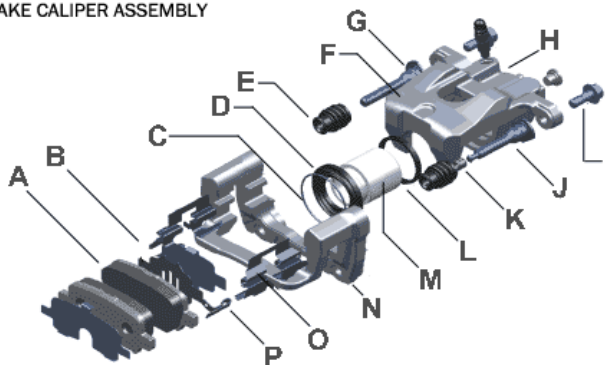
Fill in the Blanks

61. A typical major disc brake service involves four basic operations:

62. List the twelve steps for replacing worn disc brake pads:

63. Using the picture below, Identify the following brake caliper parts:

EXPLODED VIEW OF
BRAKE CALIPER ASSEMBLY



64. A _____

65. B _____

66. C _____

67. D _____

68. E _____

69. F _____

70. G _____

71. H _____

72. I _____

73. J _____

74. K _____

75. L _____

76. M _____

77. N _____

78. O _____

79. P _____

True or False

80. ___ You can crush your finger when using compressed air to remove a caliper piston during rebuilding.
81. ___ You should use plain soap & water to clean brake caliper parts.
82. ___ Coating the brake caliper piston with brake fluid before installation helps to make reassembly go easier.
83. ___ You should never use a pointed hook tool to remove the caliper piston seal.

Fill in the Blanks

84. The two important precision measurements that need to be made on a brake disc/rotor are the _____ and the _____.
85. The _____ is measured across the two friction surfaces in several different places.
86. The _____ is the amount of side-to-side movement measured near the outer edge of the brake disc's friction surface.
87. The warpage or brake disc runout typically should not exceed ____”.



88. The machine above is called a _____
90. This machine is used for _____.

89. The machine above is called an _____
91. The advantage of using this machine is _____.

Multiple Choice

92. ___ Brake discs should be inspected for all of the following defects except:
- A. Hot Spots
 - B. Cracks
 - C. Warpage
 - D. Flash Rust









93. ___ When machining a disc, you must do all the following except:
- A. Measure the disc before machining
 - B. Measure the disc after machining
 - C. Document the measurements on the repair order
 - D. Deglaze the friction surface before machining

Drum Brake Service

Fill in the Blanks

94. A typical Drum Brake Service includes these seven operations:

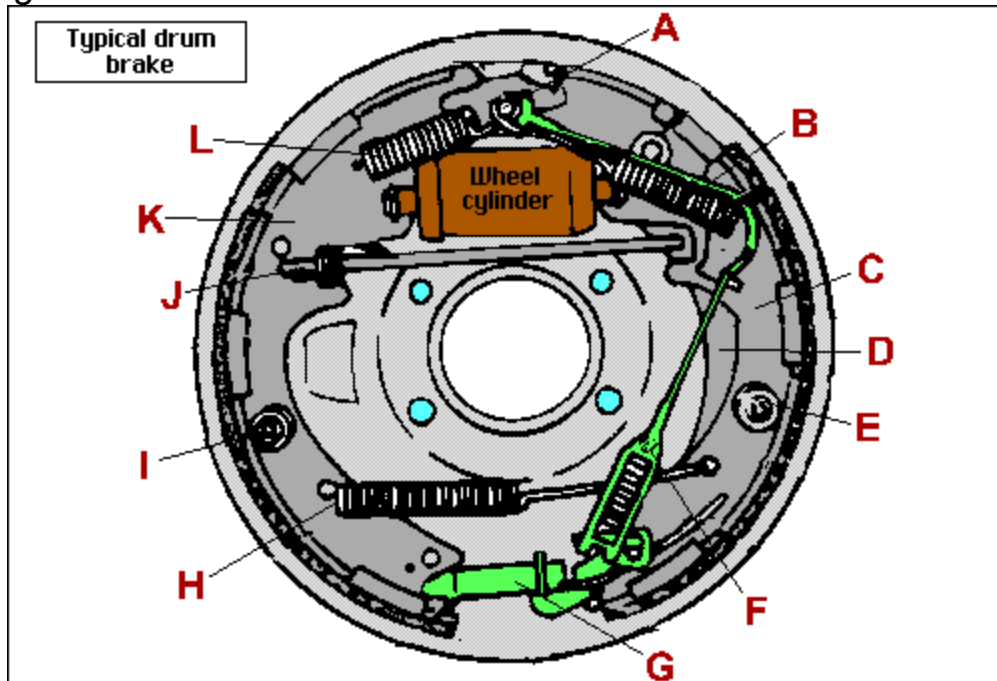
Matching

<p>A</p> 	<p>B</p> 	<p>C</p> 	<p>D</p> 
<p>E</p> 	<p>F</p> 	<p>G</p> 	<p>H</p> 

- 95. ___ Drum Micrometer
- 96. ___ Bleeder Wrench
- 97. ___ Brake Cylinder Hone
- 98. ___ Micrometer
- 99. ___ Brake Spring Pliers
- 100. ___ Dial Indicator
- 101. ___ Brake Spring Depressor
- 102. ___ Brake Pressure Bleeder

True or False

103. ___ Gently hammering on the brake drum can help loose it.
104. ___ Springs on drum brakes can be different colors.
105. ___ Leaking wheel cylinders will not affect brake operation.
106. ___ Working on drum brakes does not require any special tools.
107. ___ When honing the wheel cylinder it is a good idea to pull the hone out of the cylinder while it is spinning to ensure a smooth finish.

Matching

108. ___ Primary shoe
109. ___ Secondary shoe
110. ___ Anchor pin
111. ___ Adjuster spring
112. ___ Shoe hold down spring
113. ___ Primary return spring
114. ___ Secondary return spring
115. ___ Adjuster cable
116. ___ Parking brake lever
117. ___ Star wheel self-adjuster
118. ___ Shoe hold down spring
119. ___ Parking brake link

Multiple Choice

120.____ All of the following are good methods of remembering how the rear drum brake parts go together, except:

- A. Taking a digital picture
- B. Taking only one side apart at a time
- C. Making a drawing
- D. Using the owner's manual

121.____ If a brake drum's inside diameter is too big the drum must be:

- A. Machined
- B. Replaced
- C. Resized
- D. Inserted

122.____ The preparation of the brake drum's inner surface is called:

- A. Machining
- B. Turning
- C. Resurfacing
- D. All of the above

123.____ Brake shoe linings are fastened to the brake shoe by:

- A. Rivets
- B. Glue
- C. Both of the above
- D. Neither of the above

124.____ Lubricating of the backing plate:

- A. Should never be done
- B. Should be done with high temp grease
- C. Should be done generously with brake shoe lube
- D. Should be kept clean and dry

125.____ Parking brakes should never be adjusted too tight or:

- A. Brakes can overheat
- B. Brakes can drag
- C. Brakes can cause pulling
- D. All of the above