Chapter 6

Match these terms to the picture

___  - primary brake shoe  ____  - Wheel Cylinder  ____  - Hold down spring

____  - Anchor  ____  - Self Adjuster  ____  - Return Spring  ____  - secondary brake shoe

Brake shoes are bonded or riveted. Why are riveted superior to bonded?

What happens if you put the self-adjuster starwheel that came off the left side, back onto the right side?

What driver habits can cause the self adjusters to fail or not operate correctly?
What are two common ways to remove a frozen or stuck brake drum?

Why is it not practical to clean brake shoes that have gotten grease, oil or brake fluid on them? (See NOTE: on pg 131)

Carefully read INSPECTING AND CLEANING BRAKE PARTS (pg 135 & 136)
What do you do with backing plates when replacing brakes?

What do you do with the self-adjusters?

How do you check the new brake shoes to make sure they fit the drum (Shoe Arc)

What can happen if the shoes do not fit the drum properly? (Especially if there is clearance between the center of the shoe and the brake drum)

Read Keep Brakes Clean during Reassembly, and read the shop tip on pg 138. What is the easiest and best way to keep brake shoes clean while installing?

How do you make the initial clearance adjustment so the brake shoes closely fit the drum?
Chapter 7

Explain how to check rotor runout with a dial indicator. Include the ideal maximum runout spec.

Why should rotors always be machined or replaced in pairs?

Why do you open the bleeder screw before attempting to push the piston back into the caliper bore?

What must you be careful of when servicing the rear disc brake calipers?

List at least 4 ways that are used to prevent noise or squeaky disc brakes.
It is critical to lubricate the sliding metal surfaces of disc brake calipers. What type of lube should you use?

What do you do before applying lubricant to caliper sliders and metal contact surfaces?

What caution should you follow immediately after installing both of the calipers?

What can cause new brake linings to become glazed?

How should you advise customers drive to avoid glazing the brakes?

Why will failing to wash off rotors after machining or swirl finishing cause the brakes to squeak?

List at least 3 reasons why disc rotors can cause a brake pedal to pulsate.

What can cause uneven wear on brake pads?