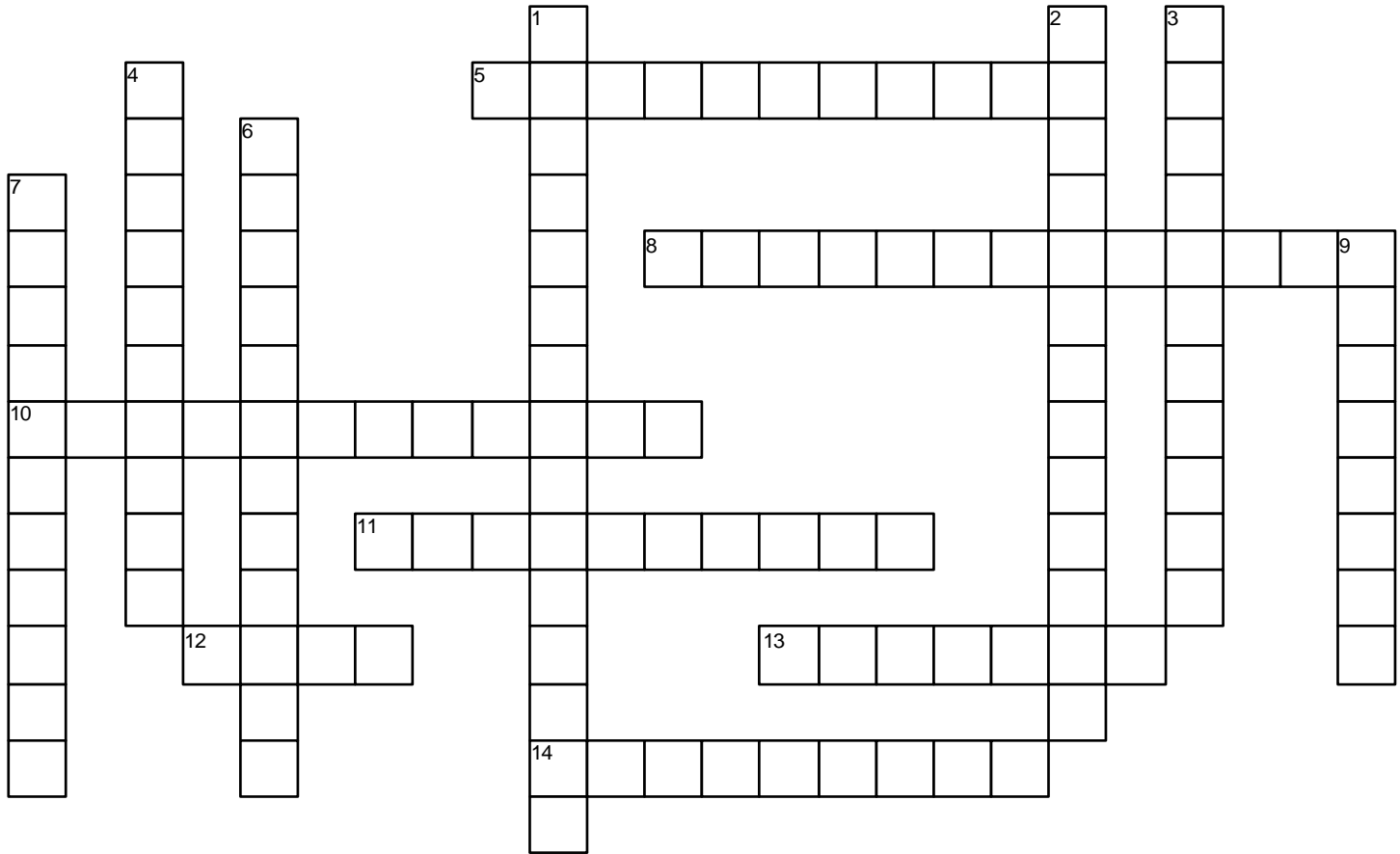


# Parking Brake Operation, Diagnosis, And Service

## Chapter 102



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### ACROSS

- 5 Some vehicles with pedal-operated parking brakes have an automatic release mechanism that disengages the parking brake using a \_\_\_\_\_ controlled by an electrical solenoid.
- 8 A \_\_\_\_\_ transmits force to an intermediate lever or equalizer to the application cables.
- 10 A lever in the parking brake linkage under the vehicle is called an \_\_\_\_\_ lever.
- 11 \_\_\_\_\_ and floor-mounted levers are the most common means of applying parking brakes.
- 12 Rear disc service brakes with fixed calipers commonly have a parking brake \_\_\_\_\_ formed into the hub of the brake rotor.
- 13 A cable that is larger in diameter in one section indicates that it is rusting inside and has \_\_\_\_\_.
- 14 To prevent unequal application, most parking brake linkages use an \_\_\_\_\_ to balance the force from the parking brake control, and transmit an equal amount to each friction assembly.

### DOWN

- 1 \_\_\_\_\_ - \_\_\_\_\_ disc parking brakes are used on vehicles whose rear disc brakes are equipped with floating or sliding brake calipers.
- 2 \_\_\_\_\_ attach to the parking brake pedal, lever, or handle inside the vehicle.
- 3 Parking brake \_\_\_\_\_ made from solid steel are commonly used with floor-mounted actuating levers to span the short distance to an intermediate lever or an equalizer.
- 4 The typical parking brake cable is made of \_\_\_\_\_ wire encased in a reinforced rubber or plastic housing.
- 6 \_\_\_\_\_ parking brakes mechanically apply the rear drum service brakes to serve as the parking brakes.
- 7 The \_\_\_\_\_ cables use the force passed through the linkage to apply the rear wheel brake assembly.
- 9 \_\_\_\_\_ parking brake systems are available using two different designs.