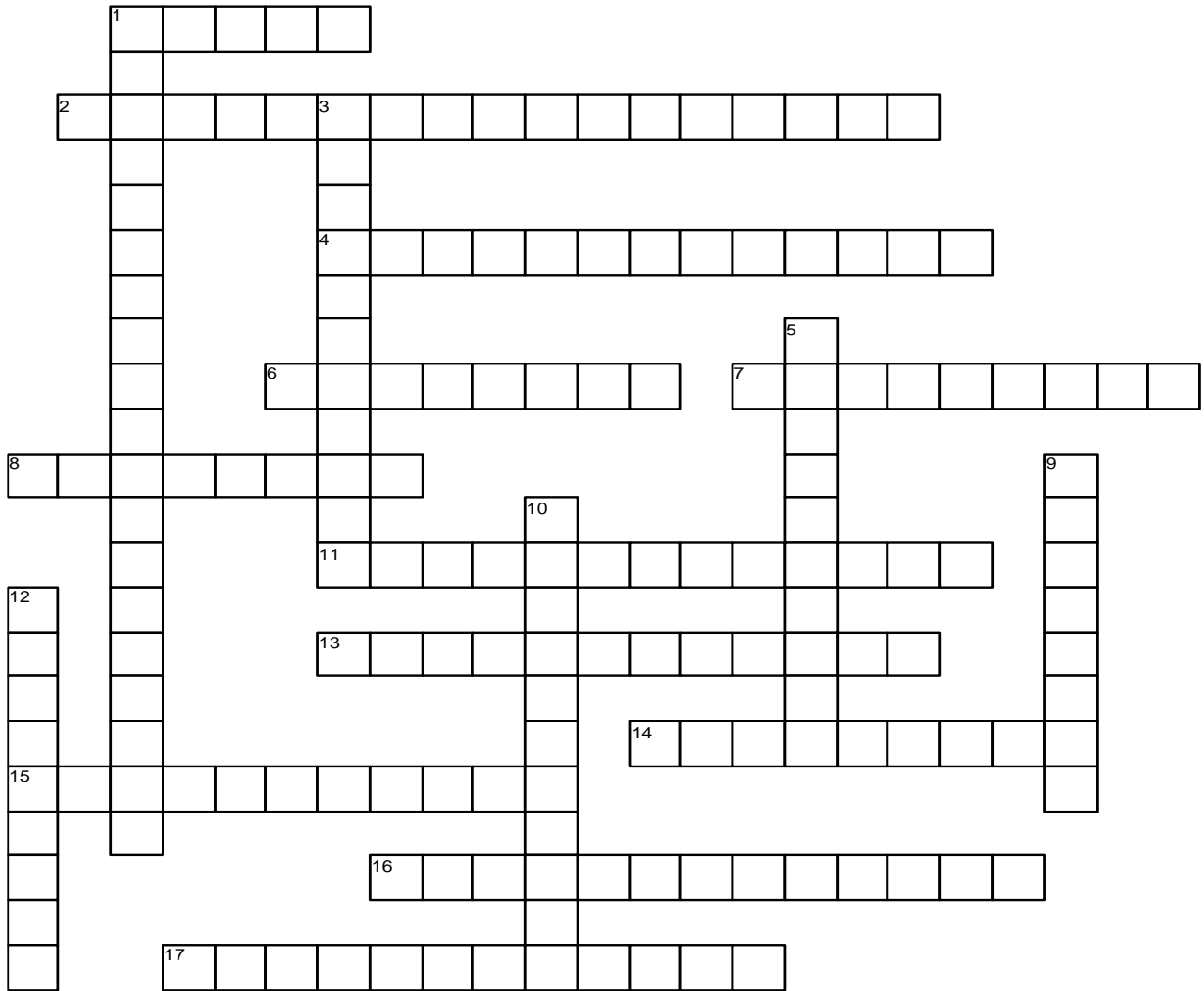


# Drum Brake Diagnosis And Service

## Chapter 99



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### ACROSS

- 1 A \_\_\_\_\_ or hub-mounted drum is often used on the rear of front-wheel-drive vehicles.
- 2 One possible cause of brake chatter is a \_\_\_\_\_.
- 4 New vehicles have \_\_\_\_\_ on the stud when the vehicle is being assembled.
- 6 If the clearance between the brake shoes and the brake drum is excessive, a \_\_\_\_\_ pedal results.
- 7 Rust and \_\_\_\_\_ often cause the drum to seize to the hub.
- 8 An easy solution if a drum cannot be removed because the linings have worn a groove into the drum is to cut the \_\_\_\_\_ pins at the backing plate.
- 11 For best results, many brake suppliers sell drum \_\_\_\_\_ kits.
- 13 Each lining has a \_\_\_\_\_ (retracting spring) that returns the brake shoes from the drums whenever the brakes are released.
- 14 Another name for tinnerman nuts is \_\_\_\_\_.
- 15 \_\_\_\_\_ or not allowing the drum to cool slowly

can cause the brake drum to distort.

- 16 A possible cause for squeaking brakes is \_\_\_\_\_.
- 17 Floating or \_\_\_\_\_ are usually used on the rear of a rear-wheel-drive vehicle.

### DOWN

- 1 A possible cause for excessive pedal pressure are \_\_\_\_\_ pistons.
- 3 One possible cause for a grinding noise is a \_\_\_\_\_.
- 5 A common drum brake concern is \_\_\_\_\_ braking.
- 9 The \_\_\_\_\_ is when brake return springs are tested by dropping them to the floor.
- 10 Drum brake wheel cylinders are cast iron that are bored and finished to provide a smooth finish, called \_\_\_\_\_, for the wheel cylinder seals and pistons.
- 12 One cause for one wheel dragging is a \_\_\_\_\_-\_\_\_\_\_ round.