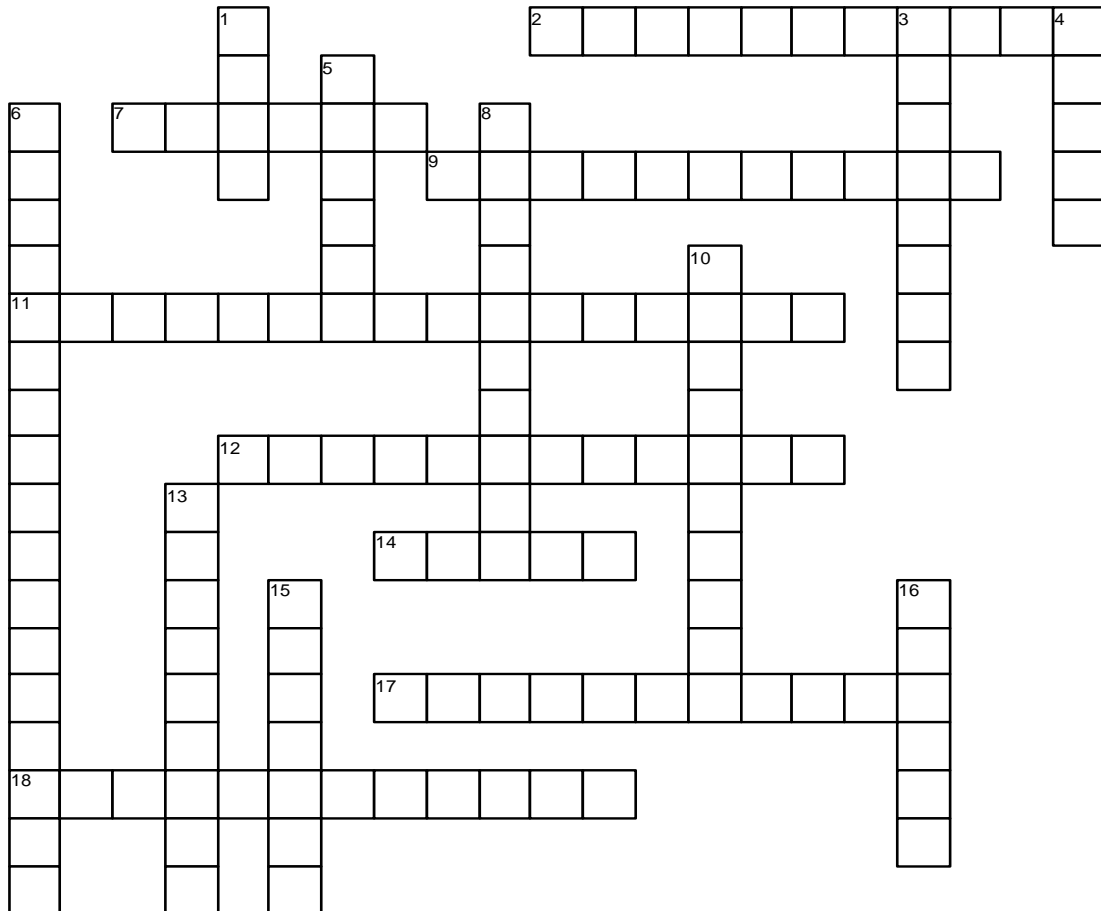


# Ignition System Diagnosis And Service

## Chapter 30



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### ACROSS

- 2 \_\_\_\_\_ is the order that the spark is distributed to the correct spark plug at the right time.
- 7 Use the \_\_\_\_\_ (stacked) position to look at the spark line length and transistor point.
- 9 Inspect the \_\_\_\_\_ cap for a worn or cracked center carbon insert, excessive side insert wear, corrosion, cracks, or carbon tracks.
- 11 \_\_\_\_\_ means that the scope will sweep only that portion of the pattern that can be shown during a 5 ms or 25 ms setting.
- 12 The \_\_\_\_\_ position is used to look at differences in patterns between cylinders in all areas except the firing line.
- 14 \_\_\_\_\_ is the amount of time that the current is charging the coil from the transistor-on point to the transistor-off point.
- 17 A \_\_\_\_\_ is used to check for secondary voltage out of the ignition coil or to the spark plugs.
- 18 Intermediate \_\_\_\_\_ are also called "ringing" of the coil as it is pulsed.

### DOWN

- 1 If the engine is equipped with a distributor, it may be possible to adjust the \_\_\_\_\_ or the initial timing.
- 3 The \_\_\_\_\_ voltage test measures the voltage required to jump the gap between the rotor and the inserts of the distributor cap.
- 4 The \_\_\_\_\_ is the length of the threaded part of the spark plug.
- 5 The labor required to \_\_\_\_\_ and replace spark plugs is the same whether the spark plugs are replaced or cleaned.
- 6 Many Chrysler group product use an \_\_\_\_\_ (ASD) relay to power the ignition coil.
- 8 The height of the \_\_\_\_\_ should be between 5,000 and 15,000 volts.
- 10 Pickup coil \_\_\_\_\_ is usually between 150 and 1,500 ohms.
- 13 The \_\_\_\_\_ is a short horizontal line connected to the firing line.
- 15 \_\_\_\_\_ (parade) is the only position in which firing lines are visible.
- 16 The spark line voltage is called the \_\_\_\_\_.