

# Chapter 1 Automotive Background And Overview

Find the words in the grid. Words can go across, down and in the two forward diagonals.

P T Z C W V M L E E V A P O R A T I V E E M I S S I O N S Y S T E M T  
 W N C H A S S I S X C B H T P Z T M X K M N W L W Q R D X M B Y G W V  
 Y M C G D J U K D J H P X F T R A N S F E R C A S E K R L X M B N V T  
 Z Y D M T L D N T Z L A J C L Q E M T Z R K N F T H B I W Y H T Z M G  
 D B Y L F F R P I O N R U R P G T K Z B N C P R V Q K V N F N H Q Q F  
 L N H N T C B P O V K R Y S O P C V V A L V E D R V V E L N H N G N K  
 O L R P N T O T Q Z E Z O R T V K N R L P V T N R L N S C R W N H R L  
 H I L N Z J N O R G P R T V G G F J R D N R J G G C F H J C N K E R Y  
 X W L L Y A T K L K F I S B E Y A E M O K Q J T U T D A G R M T I T K  
 M Y K G C N H Z P A N L H A X R T S C X L Y B H E N V F V W L T N R C  
 H Z O S A S N R F F N H N Q L L H C R H N X M L M C I T M I M T T A I  
 M R L B E L D X O J F T L P I J I E D E K X C R T G B B F P J R E D N  
 B W I M D M L S B W M L R F H T O L A L C I T T X T N R O Y Y A R I L  
 F T A G K I E E G Y W K L B Y D O I Z D H I F V F F I K V D Y N N A I  
 P R M H N D I G R K M I T L X F G M N E C A R A P A P G P L Y S A T N  
 F R L C I I Q Y K I O D A V I K K P V T H A H C Y N Z H M R W A L O E  
 O W O X G M T R V Y E T B N J R J D I S S S M N U N B R L C V X C R E  
 V A O P F L L I D G A S A O F R E J M L M P Y B N L G K W T R L O M N  
 E T L V E T L L O C L M Z W D L K A K A L T L N X Y A T R R Z E M V G  
 R E C W V L W L V N E M M V L Y C P C T C A T D R T C T Q N Q Z B T I  
 H R A J F P L B Z K C V X E N D O D V G L B R K M M L H I L Q X U Y N  
 E J R P R Y T E A G N O P K A M A N H Y L M M S M T B M V O Z F S K E  
 A A B H Y L M T R R J O N E W E C P F H Y D R O C A R B O N N L T K N  
 D C O Y T Q N G Z S R N H T H N N P W R T T H E R M O S T A T A I K V  
 V K N Y L I R B L P H R P R R C J M K N A T N J L K Z F V D R T O T T  
 A E M K T B T X F F E A E D N O N P P N M M R T R M M P L M R H N L P  
 L T O H P B K L R V L V F K Y N L M V K K L E L G R V C H Z H E E O R  
 V S N V R K E D O K O T V T H L U M M Q D C Z P M K T K M P Z A N I C  
 E L O R R S F E V E J V T P B P R J O K B Y M J J J R K F K K D G L Y  
 J B X P N C L G L X T G L T L F B Z H D X R N G Y K R D K R N X I P B  
 C Z I P N G L B C J G N R I W A T E R P U M P V N R T N T F C H N A Y  
 G Z D F N C U Y Y L M B O G K B G R R B F L M H W Q K G T Q V H E N H  
 N K E I V O X W T M M J M F Y J G B O D Y P E W O I L S U M P W R J B  
 K W S J D H M M A L F U N C T I O N I N D I C A T O R L A M P Y N M R  
 X M A N U F A C T U R E R S S U G G E S T E D R E T A I L P R I C E W

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|-----------------------------|--------------------------------------|--------------------------|
| Air filter                  | Inline engine                        | Pillars                  |
| Body                        | Intake manifold                      | Propeller shaft          |
| Body on frame               | Internal combustion engine           | Radiator                 |
| Carbon monoxide             | Malfunction indicator lamp           | Scan tool                |
| Catalytic converter         | Manufacturers suggested retail price | Self propelled vehicle   |
| Chassis                     | OBD II                               | Single overhead camshaft |
| Coolant                     | Oil filter                           | Thermostat               |
| Double overhead camshaft    | Oil galleries                        | Transaxle                |
| Drive shaft                 | Oil pan                              | Transfer case            |
| Evaporative emission system | Oil pump                             | Unibody                  |
| Exhaust gas recirculation   | Oil sump                             | Universal joints         |
| Flat head                   | Overhead cam                         | Water jackets            |
| Frames                      | Overhead valve                       | Water pump               |
| Hydrocarbon                 | Oxides of nitrogen                   |                          |
| Ignition control module     | PCV valve                            |                          |