

# Chapter 1 Automotive Background And Overview

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

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

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Air filter  
 Body  
 Body on frame  
 Carbon monoxide  
 Catalytic converter  
 Chassis  
 Coolant  
 Double overhead camshaft  
 Drive shaft  
 Evaporative emission system  
 Exhaust gas recirculation  
 Flat head  
 Frames  
 Hydrocarbon  
 Ignition control module

Inline engine  
 Intake manifold  
 Internal combustion engine  
 Malfunction indicator lamp  
 Manufacturers suggested retail price  
 OBD II  
 Oil filter  
 Oil galleries  
 Oil pan  
 Oil pump  
 Oil sump  
 Overhead cam  
 Overhead valve  
 Oxides of nitrogen  
 PCV valve

Pillars  
 Positive crankcase ventilation  
 Propeller shaft  
 Radiator  
 Scan tool  
 Self propelled vehicle  
 Single overhead camshaft  
 Thermostat  
 Transaxle  
 Transfer case  
 Unibody  
 Universal joints  
 Water jackets  
 Water pump