

# Chapter 3 Gasoline Engine Operation, Parts, And Specifications

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

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

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Block	Crankshaft	Mechanical force	Rotary engine
Bore	Cycle	Mechanical power	Single overhead camshaft
Bottom dead center	Cylinder	Naturally aspirated	Stroke
Boxer	Displacement	Nonprincipal end	Supercharger
Cam in block design	Double overhead camshaft	Oil galleries	Top dead center
Camshaft	Exhaust valve	Overhead valve	Turbocharger
Combustion	External combustion engine	Pancake	Wankel engine
Combustion chamber	Four stroke cycle	Piston stroke	
Compression ratio	Intake valve	Principal end	
Connecting rod	Internal combustion engine	Pushrod engine	