

Chapter 14 Gasoline Engine Operation

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

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

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|---------------------|----------------------------|----------------------------|--------------------------|
| block | connecting rod | four stroke cycle | piston stroke |
| bore | crankshaft | intake valve | pushrod engine |
| bottom dead center | cycle | internal combustion engine | rotary engine |
| boxer | cylinder | mechanical force | single overhead camshaft |
| cam in block design | cylinder block | mechanical power | stroke |
| camshaft | displacement | naturally aspirated | supercharger |
| combustion | double overhead camshaft | oil galleries | top dead center |
| combustion chamber | exhaust valve | overhead valve | turbocharger |
| compression ratio | external combustion engine | pancake | wankel engine |