

Chapter 15

Gasoline Engine Operation, Parts, And Specifications

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

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

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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 | |