

Chapter 29

Ignition System Components and Operation

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

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L M G V N M D T M N H U P I N T E G R A T E D I G N I T I O N B I T Y
P W P Z G L V R Z R T J Q H P N H W Q T T G L J Q K E K W Y V C O T Y
P R I M A R Y I G N I T I O N C I R C U I T F G K V L R D G K K N U M
V G F Q P L A T I N U M S P A R K P L U G S D T H R E K R Q Y B S R L
R G W A S T E S P A R K I G N I T I O N T L Z W H J C K R K K W E N G
E L E C T R O N I C S P A R K T I M I N G K N H J L T N G H R L N S X
K Z C K M M R I R I D I U M S P A R K P L U G S L C R G N X Y K S R D
C N F X J L C A M S H A F T P O S I T I O N S E N S O R M Q Y C I A R
D W E L L E J Q L B N T B T N Q Q V H F K G M M N P N T R H T P N T N
M S T D L S L E R T G P T E L E C T R O N I C I G N I T I O N L G I K
R E R N Y E Y E S T R A N S I S T O R G R J E Q L P C K Z X R D I O Z
J C K V P L D L C T L F C M R J Y K F E L C K R Z X I M X N H L G Z X
V O D P D F I R V T T K W M L T G K G J N W N N R K G W N V L C N X E
M N S R L I S E T Z R F B F L N U G F A G O J H R N N D R H K M I D L
U D A H N N H W I S F O Z X I C I F T N I H T J R T I T K R K H T Z E
T A T A H D W B J C P Z M H E R I C X T T P R M L B T G K T K N I R C
U R U L Z U J X L M Q A C A T M A N I X K G V R K W I R T J N K O T T
A Y R L G C B Z W C R T R T G E A N I C N J M T B L O N B L D L N I R
L I A E W T Y L R L I D T K R N G G F T D H T P L R N N I D T Z R G O
I G T F J I N F R W K I R E K I E M N F I M R D J M S K C C Y L J N N
N N I F N O N N S L M C V F R N R T H E Y A W V N J Y Z F F M G R I I
D I O E J N L X P H N I Q O L G O B I T T M L R N Y S V F J V E F T C
U T N C K W K M C K T C T M T W V C D C R I B T Z V T M R M D X B I C
C I L T G C Z S D C T U L L F L F H K O I J C T I T E L C N M F F O O
T O Y S N L F D U T B L R P I N G Z S G H N V S U M M W I W N M K N N
I N R W Z N J D E I I G N I T I O N C O I L T P E V I L D G L W B T T
O C L I B H N K R T L M G P L F E F M L T Q T E H N Y N L V N Q R I R
N I T T S I Q T B S O C X N O S L Q Q G K U N R R C S X G Z D E K M O
M R K C V P S T I M M N M N K L J G G Y O Q T Q D F B O Y L T N M I L
K C P H J I O E T X H H A C H H A Y K K T W T E L K E V R I T D L N U
Q U L L D N K U D R K B O T H N X R R B K Y R B X T L R N M H K K G N
M I K R L J Z Y T Z M N K J I Z D A I N Z I B X C K C G E T R M G Z I
Y T F F T L J C M T K D L H W O P Q F T A L R K T M I K G N M V Q C T
W N G P K G Q J R T Z K Y Q W S N T Z P Y H P L L N X T N L C R R K L
Q T B Y I G N I T I O N C O N T R O L M O D U L E R Q L V R Q E C N L
    
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| Camshaft position sensor | Electronic ignition system | Iridium spark plugs | Self induction |
| CKP | Electronic spark timing | Knock sensor | Spark knock |
| Detonation | EST | Magnetic sensor | Spark output |
| DIS | Hall effect switch | Mutual induction | SPOUT |
| Distributor ignition | ICM | Paired cylinder | Switching |
| Dwell | Igniter | Ping | Transistor |
| ECU | Ignition coil | Platinum spark plugs | Turns ratio |
| EI | Ignition control module | Polarity | Up integrated ignition |
| EIS | Ignition timing | Primary ignition circuit | Waste spark ignition |
| Electromagnetic interference | Inductive reactance | Saturation | |
| Electronic control unit | Initial timing | Schmitt trigger | |
| Electronic ignition | Ion sensing ignition | Secondary ignition circuit | |