

Chapter 35

Oxygen Sensors

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

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

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| Air fuel ratio sensor | Finger design | Reference electrode |
| Ambient side electrode | Fuel trim | RTV |
| Bias voltage | Light off time | Signal electrode |
| Closed loop | Nernst cell | Single cell |
| Cup design | Open loop | Thimble design |
| Dual cell | Oxygen sensors | Titania |
| Exhaust side electrode | Planar | Wide band |
| False lean | Pump cell | Zirconia |
| False rich | Reference | |