

Chapter 19

Oxygen Sensors

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

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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	