

# Chapter 19

## Diesel Engine Operation And Diagnosis

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

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

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|-----------------------------------|-------------------------------|
| Diesel exhaust fluid              | Lift pump                     |
| Diesel exhaust particulate filter | Opacity                       |
| Diesel oxidation catalyst         | Particulate matter            |
| Differential pressure sensor      | Pop tester                    |
| Direct injection                  | Regeneration                  |
| Glow plug                         | Selective catalytic reduction |
| Heat of compression               | Soot                          |
| High pressure common rail         | Turbochargers                 |
| Indirect injection                | Urea                          |
| Injection pump                    | Water fuel separator          |