

# Chapter 4 Diesel Engine Operation And Diagnosis

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

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

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