

# Chapter 81

## Gasoline Direct-Injection Systems

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

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

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|---------------------------|-------------------|
| Engine efficiency         | Homogeneous mode  |
| Exhaust emissions         | Lower octane      |
| Fuel economy              | SIDI              |
| Fuel injector             | Spray guided      |
| Fuel pump                 | Spray guided      |
| Fuel rail                 | Stratified mode   |
| Fuel rail pressure        | Swirl             |
| Gasoline direct injection | Throttle response |
| Higher cost               | Tumble            |