

Chapter 17

Ignition System Operation and Diagnosis

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

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Coil on plug ignition

Ion sensing ignition

Spark knock

Companion cylinders

Iridium spark plugs

Spark plugs

Detonation

Knock sensors

Spark tester

Distributor ignition

Pickup coil

Switching

Electronic ignition

Ping

Track

Firing order

Platinum spark plugs

Transistor

Hall effect

Primary winding

Trigger

Ignition coil

Schmitt trigger

Turns ratio

Ignition timing

Secondary winding