

Chapter 13

Starting and Charging System Diagnosis

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

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Bypass ignition	EMI	Low voltage	Secondary winding
Companion cylinder	EST	Magnetic sensors	Spark knock
Compression sensing ignition	Firing order	Optical sensors	SPOUT
COP ignition	Hall effect	Paired cylinders	Switching
Detonation	High voltage	Pickup coil	Transistor
DI	IC	Ping	Trigger
DIS	ICM	Primary winding	Turns ratio
Dwell	Ion sensing ignition	Pulse generator	Up integrated ignition
EI	Knock sensors	Schmitt trigger	