

# Chapter 16

## Engine Starting and Charging Systems

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

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AC ripple voltage

Alternator

Ampere hour

Battery

CA

Capacity test

CCA

Charging circuit

Conductance testing

Cranking circuit

DE

ELD

IOD

Load test

LRC

MCA

Neutral safety switch

Parasitic load

Reserve capacity

Ripple current

SRE

State of charge

Surface charge

Voltage drop test