

## Chapter 52

### Charging System Diagnosis And Service

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

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

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|------------------------|----------------|
| AC ripple voltage      | Lighter socket |
| Alternator output test | Loaded         |
| Belt tension gauge     | Polarity       |
| Carbon pile test       | Rotor testing  |
| Charging voltage test  | Scan testing   |
| Clock position         | Sniff test     |
| Cores                  | Stator testing |
| Diode trio             | Voltage drop   |
| Full fielding test     |                |