

# Chapter 11

## Variable Valve Timing Systems

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

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

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Active fuel management

PWM

Cylinder cut off system

Spline phaser

Displacement on demand

Synchronized

EVCP

Vane phaser

Ground side switching

Variable displacement

MDS

VTEC

Oil control valve

VVT

Power side switching