Chapter 30
Pistons, Rings, and Connecting Rods

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

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