

Engine Number Guide

Engines < 2 litre/cylinder (produced post 1974)

Engine number guide		
Example:	PJ 12345 U 123456P	
Engine family and type code	PJ	1106D-E66TA
Parts list number of SOS order reference number	12345	
Country of manufacture code	U	UK
Engine serial number	123456	
Year of manufacture code	P	2007

Year of manufacture code			
This code indicates the calendar year of manufacture. The letters I, O, Q, R and z will not be used.			
A	1974	L	1984
B	1975	M	1985
C	1976	N	1986
D	1977	P	1987
E	1978	S	1988
F	1979	T	1989
G	1980	U	1990
H	1981	V	1991
J	1982	W	1992
K	1983	X	1993
Y	1994		
A	1995		
B	1996		
C	1997		
D	1998		
E	1/1/99-31/3/99		
F	1/4/99-31/12/99		
G	2000		
H	2001		
J	2002		
K	2003		
L	2004		
M	2005		
N	2006		
P	2007		
R ¹ /S	2008		
T	2009		
U	2010		
V	2011		

Country of manufacture code			
This code indicates the country in which the basic engine was manufactured.			
A	Argentina	H	Group
B	Brazil ²	HC	China ²
C	Australia	HM	Indonesia
D	Germany	HK	Iraq
E	Spain	HU	Uruguay
F	France	J	Japan
G	Greece	K	Korea
L	Italy		
M	Mexico		
MX	Mexico		
N	USA ²		
P	Poland		
R	China ²		
S	India		
SA	South Africa		
T	Turkey		
U	UK ²		
V	Pakistan		
W	Iran		
X	Peru		
Y	Yugoslavia		

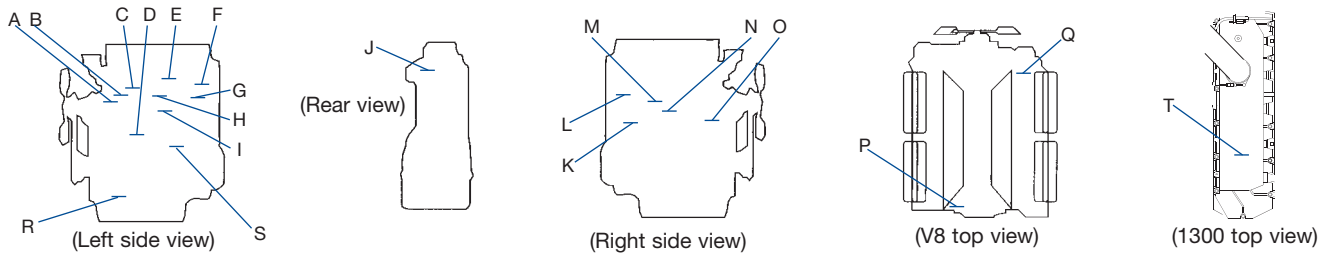
Notes

¹ A number of engines were built with the letter 'R' as the year of manufacture code. In the middle of January 2008, the year of manufacture code was changed to the letter 'S'. If your full engine serial number ends with the letter 'R', Perkins Engines Company Limited will recognise the full engine serial number.

² Represents current manufacturing facilities.

If the letter 'R' appears after the country code this represents a remanufactured engine (ie **UR** = UK remanufactured engine).

Where to find your engine number



Engine type	Position	Engine type	Position	Engine type	Position
3.152	M	4.318	F	Perama/100/400 Series	O
4.108	A	4.41	H	Prima/500 Series	E
4.154 / 200 Series	B	6.247	C or F	Phaser/1000/1100(A/B/C) Series	H or J
4.165	B or G	6.354	D	1104D	S
4.203	J or N	V8.540	Q	850 Series	D or R
4.212/4.248/900 Series	C	Peregrine/1300 Series	I or O	1204E	S
1106D including PK	R	V8.640	P	1206E	R
4.236	C or L	700/800 Series	K	1300 Series	T

Engine family and type code

A Phaser/1004 Series	900 Series	HH 403C-11	ML 1204E-E44TTA wall flow	TH T6.3541	1300 Series EDi
AA 1004-4	CR 903-27	HL 403C-15	N 4.318 Series	TJ 6.3542	WK 1306-E76T
AB 1004-4T	CP 903-27	HM 403C-17	NC 4.318	TK C6.3542	WL 1306-E76TA
AC 1004-4T	CS 903-25	HN 404C-15	ND 4.3182	TP T6.3543	WM 1306-E87T
AD 1004e-4TW	CT 903-27S	HP 404C-22	1104D Series	TR 6.372	WN 1306-E87TA
AE Fed. CC	D 1103C Series	HR 404C-22T	NH 1104D-E44T	TT TC6.3541	WP 1306-E76T
AF 1004-40S	DC 1103C-33	J 4.203 Series	NJ 1104D-E44TA	TU T6.3544	WQ 1306-E76TA
AG 1004-4	DD 1103C-33T	JD 4.203	NK 1104D-44	TV 6.3724	WR 1306-E87T
AH 1004-4T	DE 1103C-33TA	JE D4.203	NL 1104D-44T	TW 6.3544	WS 1306-E87T A
New 1000 Series	1103B Series	JF G4.203	NM 1104-44TA	TX C6.3544	EP pre Jan 2010
AJ 1004-40	DF 1103B-33	JG 4.2032	P 1106D Series	TY H6.3544	IOPU pre June 2010
AK 1004-40T	DG 1103B-33T	850 Series	PJ 1106D-E66TA	TZ HT6.3544	X V8.540 Series
AL 1004-40TA	1103A Series	JR 854E-E34TA wall flow	PK 1106C-E66TA ¹	U 700 Series	XA V8.510
AM 1004-40T	DJ 1103A-33	JS 854F-E34T wall flow	1106A Series	UA 704.30	XB TV8.510
AP 1004-40	DK 1103A-33T	JT 854F-E34T through flow	PR 1106A-70TA	UB 704.26	XC V8.540
AQ 1004-40T	E 4.108 Series	K Perama/100 Series	1106C Series	UC 704.30	XE TV8.540
AR 1004-42	ED 4.108	KE 103.10	PS 1106C-70T	800 Series	1103D Series
AS 1004-42	G 4.154/200 Series	KD 103.15	PT 1106C-70TA	UE 804C-33	XG 1103D-E33
AT 1004-40TA	GA 4.154	KE 103.15	R 6.247 Series	UF 804C-33T	XH 1103D-E33T
B Prima/500 Series	GB 4.135	KF 104.19	RA 6.247	800D Series	XJ 1103D-E33TA
BA 504-2	GC 4.182	KH 103.13	1104C Series	UK 804D-33	XK 1103D-33
BB 504-2T	GD 4.25	KL 103.07	RE 1104C-44	UL 804D-33T	XL 1103D-33T
1206 Series	GE 4.3	KN 102.05	RF 1104C-E44	UM 804D-33TA	XM 1103D-33TA
BK 1206E-E66TA wall flow	400 Series	KR 104.22	RG 1104C-44T	V 1106C Series	Y Phaser/1006 Series
BL 1206E-E70TTA wall flow	GG 402D-05	KS 103.11	RH 1104C-E44T	VK 1106C-E60TA	YA 1006-6
C 3.152 Series	GH 403D-07	L 4.236 Series	RJ 1104C-44TA	W 1300 Series Peregrine	YB 1006-6T
CA P3	GJ 403D-11	LA 4.212	RK 1104C-E44TA	WB 1306-8T	YC 1006-6T
CB 3.144	GK 403D-15	LD 4.236	1104A Series	WC 1306-8TA	YD 1006e-6T
CC P3.144	GL 403D-15T	LE G4.236	RR 1104A-44	WD 1306-7T	YE Fed. CC
CD 3.152	GM 404D-15	LF 4.248	RS 1104A-44T	pre June 2010	YF 1006-60S
CE D3.152	GN 404D-22	LG 4.2482	RT 1104A-44TA	WD 1306-E87T/TA post June 2010	New 1000 Series
CF G3.152	GP 404D-22TA	LH C4.236	SD Sabre CC6.68	WE 1306-7TA	YG 1006-60
CG P3.152	GR 404D-22TA	LJ T4.236	T 6.354 Series	WF 1306-8TA NGD	YH 1006-60T
CJ 3.1522	GS 403D-17	LM 4.41	TC 6.354	WG 1306-8T NGD	YJ 1006-60TA
CM 3.1524	H 4.165 Series	MK 1204 Series	TD H6.354	pre Jan 2010	YK 1006-60TW
CN T3.1524	HA 4.165	1204E-E44TA wall flow	TE T6.354	WG 1306C-E87TA post Jan 2010	Z V8.640 Series
	400C Series		TF HT6.354	WH 1306-9T NGD	ZA V8.640
	HB 402C-05		TG 6.3541	WJ 1306-9TA NGD	ZB TV8.640
	HD 403C-07				

A Air to air charge cooling	E Electronic	H Horizontal	T Turbocharged
C Compensated	F Federal emissions	N Narrow front end	U Unit injection
CC Charged cooled	FF Federal	P Timing chain	V V form
D Direct Injection	G Gasoline/gas	S Spark ignition	W Water to air charge cooling

Notes

¹ PK Series engines are derived from the 1106D Series platform but are only Stage II EU 2007 genset emissions compliant.

Peterborough products may show a finishing list on the engine plate, eg F1895. It is very important to quote this when spare parts are required.

Large engines (produced post 1994)

From January 2010 (EP) and June 2010 (IOPU) the engine numbering format for 1300 Series engine range changed to bring it into line with 2000 and 4000 Series engines.

1300 Series

Engine number guide			
The 1300 Series engine number looks like this: W G H F 7004 N 12345 U			
1300 Series engine:	W	Differentiator for customer specific options:	7004
Gen set application (D for IOPU):	G	USA country of origin base engine:	N
Rating (TAG6 in this case):	H	Unique serial number:	12345
6 cylinders:	F	2010 build year:	U

Engine family and type codes 1300 Series ElectropaK			
Build list ID pre Jan 2010	Build list ID from Jan 2010	Product type	Speed
WS5360	WGDF7002	1306C-E87TAG3	1500 rpm
WS5361	WGEF7003	1306C-E87TAG4	1500 rpm
WS5358	WGFF7007	1306C-E87TAG5	1500 rpm
WS5362	WGHF7004	1306C-E87TAG6	1500 rpm
WS5359	WGDF7008	1306C-E87TAG3	1800 rpm
WS5357	WGEF7009	1306C-E87TAG4	1800 rpm
WS5363	WGDF7005	1306C-E87TAG3	1500/1800 rpm
WS5364	WGEF7006	1306C-E87TAG4	1500/1800 rpm

Engine family and type codes 1300 Series IOPU			
Build list ID pre June 2010	Build list ID from June 2010	Product type	Gross rating kWm @ rpm
WR4424	WDMF7100	1306-E87T	153 @ 2200
WP4423	WDNF7101	1306-E76T	156.5 @ 2400
WR4425	WDPF7102	1306-E87T	168 @ 2200
WS4426	WDQF7103	1306-E87TA	186.5 @ 2000
WS4427	WDRF7104	1306-E87TA	186.5 @ 2200
WS4580	WDSF7105	1306-E87TA	197.5 @ 2100
WS4428	WDTF7106	1306-E87TA	197.5 @ 2100
WS5093	WDUF7107	1306-E87TA	197.5 @ 2200
WS5095	WDVF7108	1306-E87TA	197.5 @ 2200
WS5405	WDWF7109	1306-E87TA	223.5 @ 2200
WS5404	WDXF7110	1306-E87TA	246 @ 2000

From the 1st January 2008 the engine numbering format for the 2000 Series engine range changed. The two numbers used previously to determine the number of cylinders per engine, have been replaced by one letter. The following letters will define the number of cylinders:

- 6 Cylinder engine F will replace 06 ● 12 Cylinder engine M will replace 12
- 8 Cylinder engine H will replace 08 ● 16 Cylinder engine R will replace 16

2000 Series Electronic (Stafford)

Engine number guide			
A 2000 Series electronic engine (Stafford) looks like this: FG A 06 0019 U 0178 P			
Engine application:	FG	Country of manufacture:	U
Engine family and type code:	A	Build line number:	0178
Number of cylinders:	06	Year of manufacture:	P
Engine specification number:	0019		

Engine family and type codes 2206 Series		
Build list ID pre Jan 2009	Build list ID from Jan 2009	Product type
N/A	TGBF	2206TAG2 (13 litre)
N/A	TGDF	2206TAG3 (13 litre)
N/A	TGFF	2206TAG5 (13 litre)
N/A	TGHF	2206TAG6 (13 litre)

Engine family and type codes 2300 Series		
Build list ID pre Jan 2008	Build list ID from Jan 2008	Product type
FGA06	FGAF	2306TAG1 (14 litre)
FGB06	FGBF	2306TAG2 (14 litre)
FGD06	FGDF	2306TAG3 (14 litre)

Engine family and type codes 2500 Series		
Build list ID pre Jan 2008	Build list ID from Jan 2008	Product type
MGA06	MGAF	2506TAG1 (15 litre)
MGB06	MGBF	2506TAG2 (15 litre)
MGD06	MGDF	2506TAG3 (15 litre)
MGE06	MGEF	2506TAG4 (15 litre)

Engine family and type codes 2800 Series		
Build list ID pre Jan 2008	Build list ID from Jan 2008	Product type
HGA06	N/A	2806TAG1 (16 litre)
HGB06	N/A	2806TAG2 (16 litre)
JGA06	JGAF	2806TAG1 (A) (18 litre)
JGB06	JGBF	2806TAG2 (18 litre)
JGD06	JGDF	2806TAG3 (18 litre)

61 Capacity in litres	E External water circuit	I Intercooled	S (S) Spark ignition
A Air to air	E* Electronic	M Marine	T Turbocharged
CHP Combined heat and power	G Genset	R Remote cooled	W Water

From the 1st January 2008 the engine numbering format for the 2000 and 4000 Series engine range changed. The two numbers used previously to determine the number of cylinders per engine, have been replaced by one letter. The following letters will define the number of cylinders:

- 6 Cylinder engine F will replace 06 ● 12 Cylinder engine M will replace 12
- 8 Cylinder engine H will replace 08 ● 16 Cylinder engine R will replace 16

2000/3000 Series Mechanical (Shrewsbury)

Engine number guide			
The 2000/3000 Series engine numbers look like this: SG A 06 0010 U 0001 Y			
Engine application:	SG	Country of manufacture:	U
Engine family and type code:	A	Build line number:	0001
Number of cylinders:	06	Year of manufacture:	Y
Engine specification number:	0010		

Engine family and type codes 2000/3000 Series			
Family: SA Automotive		Family: SI Gas	
SAA	300TX	SIA	SI
SAB	320MX	SIB	SI Gas Unit
SAC	335TX	SIC	TSI CHP
SAE	350E	SID	TSI Gas Unit
SAG	375TX	SIE	TWSICHP
SAJ	340TX2	SIF	TWSI Gas Unit
SAK	380TX2	Family: SM Marine	
SAL	410TX2	SMA	M600T1
Family: SB Short Block		SMB	M700T1
SBA	TX	SMC	M800T1
SBB	2000 Series	Family: SF Forklift	
SBC	3008 Series	SFA	T1
SBD	3012 Series	SFB	T2
Family: SL Long Engine		SFC	TA
SLA	TX / Euro 2	SFD	TW
SLB	2000 Series	Family: SG Genset	
SLC	3008 Series	SGA	TAGIA
SLD	3012 Series	SGB	TAG2
SLE	3008 Marine	SGC	TAG2A
SLG	3008 / 3012SI	SGD	TAG3A
		SGE	TAG4
		Family: SG Genset (cont/d)	
		SGE	TAG4
		SGF	TG
		SGG	TGIA
		SGH	TG2A
		SFJ	TTAG
		SGK	TWG2
		SGL	TAG
		SGM	TAG5
		Family: SH Horizontal	
		SHA	TWH
		Family: SP Plant	
		SPA	T
		SPB	T1
		SPC	T2
		SPD	TA
		SPE	TAP
		SPJ	TP
		SPK	TTA
		SPL	TTAP
		SPM	TW
		SPP	TW1

4000 Series

Engine number guide			
A 4000 series engine number looks like this: DGB 06 0081 U 0017 B			
Stafford	D	United Kingdom	U
Application code (Genset)	G	17th engine this year	0017
Engine type	B	Year letter (B=1996)	B
Number of cylinders	06		

Fixed bill number (0000 means configured product) 0081

Diesel

Engine family and type codes 4006 Series		
Build list ID pre Jan 2008	Build list ID from Jan 2008	Product type
DGA06	N/A	4006 TAG1
DGB06	DGBF	4006 / 4006-23 TAG2 (A)
DGD06	DGDF	4006 / 4006-23 TAG3 (A)
DGM06	N/A	4006TWG
DGP06	N/A	4006TEG

Engine family and type codes 4008 Series		
Build list ID pre Jan 2008	Build list ID from Jan 2008	Product type
DGL08	DGLH	4008TAG
DGA08	DGAH	4008TAG1 (A)
DGB08	DGBH	4008TAG2 (A)
DGK08	N/A	4008TWG2

Engine family and type codes 4012 Series		
Build list ID pre Jan 2008	Build list ID from Jan 2008	Product type
DGL12	N/A	4012 TAG
DGA12	DGAM	4012 / 4012-46 TAG1 (A)
DGB12	DGBM	4012 / 4012-46 TAG2 (A)
DGD12	DGDM	4012-46 TAG3 (A)
DGM12	N/A	4012 TWG
DGK12	DGKM	4012 / 4012-46 TWG 2 (A)
DGN12	DGNM	4012-46 TWG3 (A)
N/A	DGVM	4012-46 TWG4 (A)
DGP12	N/A	4012TEG
DGR12	N/A	4012TEG2

Engine family and type codes 4016 Series		
Build list ID pre Jan 2008	Build list ID from Jan 2008	Product type
DGL16	DGLR	4016 TAG
DGA16	DGAR	4016 TAG1 (A)
DGB16	DGBR	4016 TAG2 (A)
DGK16	DGKR	4016TWG2
DGR16	DGRR	4016TEG1/2 (A)
N/A	DGPR (Introduced July 2010)	4016-61TRG1 (A)
N/A	DGWR (Introduced July 2010)	4016-61TRG2 (A)
N/A	DGXR (Introduced July 2010)	4016-61TRG3 (A)

Gas

Engine family and type codes 4006 Series		
Build list ID pre Jan 2008	Build list ID from Jan 2008	Product type
DIE06	DIEF	4006TESI
DIF06	DIFF	4006TESI
DIH06	DIHF	4006TRS
DIJ06	DIJF	4006TRS

Engine family and type codes 4008 Series		
Build list ID pre Jan 2008	Build list ID from Jan 2008	Product type
DIE08	DIEH	4008TESI
DIF08	DIFH	4008TESI
DIH08	DIHH	4008TRS
DIJ08	DIJH	4008TRS

Engine family and type codes 4012 Series		
Build list ID pre Jan 2008	Build list ID from Jan 2008	Product type
DIE12	DIEM	4012TESI
DIF12	DIFM	4012TESI

Engine family and type codes 4016 Series		
Build list ID pre Jan 2008	Build list ID from Jan 2008	Product type
DIE16	DIER	4016TESI
DIF16	DIFR	4016TESI
DIG16	DIGR	4016E61-TRS
N/A	DIHR (Build List ID from Jan 2009)	4016TRS
N/A	DIJR (Build List ID from Jan 2009)	4016TRS

61	Capacity in litres	E	External water circuit	I	Intercooled	S (SI)	Spark ignition
A	Air to air	E*	Electronic	M	Marine	T	Turbocharged
CHP	Combined heat and power	G	Genset	R	Remote cooled	W	Water

Shrewsbury product (produced pre 1994)

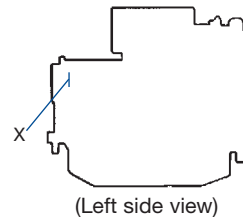
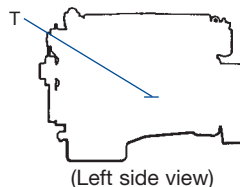
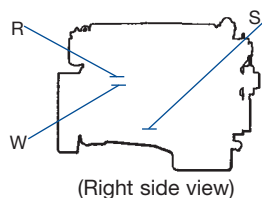
Engine number guide

The 2000/3000 Series engine numbers look like this: 8C 27655 U 88900 W

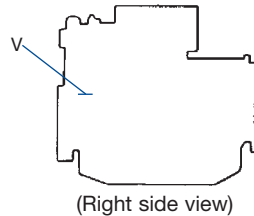
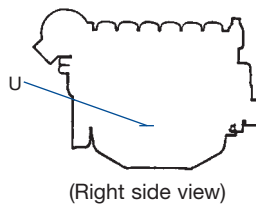
Engine family and type code:	8C	Build line number:	88900
Engine specification number:	27655	Year of manufacture:	W
Country of manufacture:	U		

Engine family and type codes

8BT, 8CTA, 8DTW 8CTA 8BT, 8CTA/TTA, 8DTW, 8ESI, 8GTW-H 4AT, 4BTA, 4ESI 4CTi 6ATA, 6CTW, 6DT, 6ESI	Eagle Eagle TX 2000 Series 3008 / CV8 Condor Marine 3012 / CV12
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Engine type	Position
Eagle/2000 Series	R
3008 Series	T
3012 Series	S
2300/2500/2800 Series	W
4006/4008 Series	U
4012/4016 Series	V or X



Note

A letter 'A' after the engine type equals the first evolution of that product, eg TAG1A