



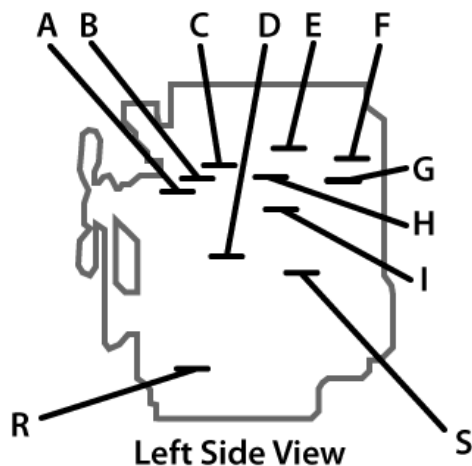
**TRANS ATLANTIC  
DIESELS, INC.**

Trans Atlantic Diesels, Inc.  
P.O. Box 70  
White Marsh, VA 23183  
Tel: (804) 642-9296 Email:  
tadinc@earthlink.net

## PERKINS ENGINE NUMBER LOCATION GUIDE

Over the years Perkins has produced hundreds of different engines and each can have many different variants. So how do you know the exact specification of your engine? All the information you need about your engine is included in the serial number on your engine plate, which you can use to find the parts to fit on your engine.

The engine serial number is on a metal plate attached to the block, typically found on the left-hand side of the engine. The position of the engine plate varies across different engine series. You can find the position of your plate using the table below.

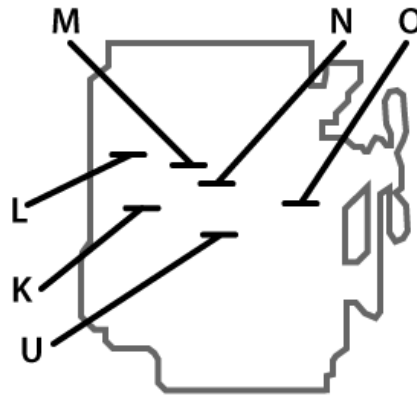


<b>4.108</b>	<b>A</b>
<b>4.154/200 Series</b>	<b>B</b>
<b>4.165</b>	<b>B or G</b>
<b>4.212/4.248/900 Series</b>	<b>C</b>
<b>1106D including PK</b>	<b>R</b>
<b>4.236</b>	<b>C or L - L is shown on Right Side View below</b>
<b>1104D or 1204E</b>	<b>S</b>
<b>4.318</b>	<b>F</b>
<b>4.41</b>	<b>H</b>
<b>6.247</b>	<b>C or F</b>
<b>6.354</b>	<b>D</b>
<b>Peregrine/1300 Series</b>	<b>I or O - O is shown on Right Side View below</b>
<b>Phaser/1000/1100(A/B/C) Series</b>	<b>H or J - J is shown on Rear View below</b>
<b>850 Series</b>	<b>D or R</b>
<b>1206E</b>	<b>R</b>



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**Right Side View**

<b>3.152</b>	<b>M</b>
<b>4.203</b>	<b>J or N - J is shown on Rear View below</b>
<b>4.236</b>	<b>C or L - L is shown on Left Side View above</b>
<b>Perama/100/400 Series</b>	<b>O</b>
<b>Peregrine/1300 Series</b>	<b>I or O - I is shown on Left Side View above</b>
<b>700/800 Series</b>	<b>K</b>
<b>1500/1600 Series</b>	<b>U</b>



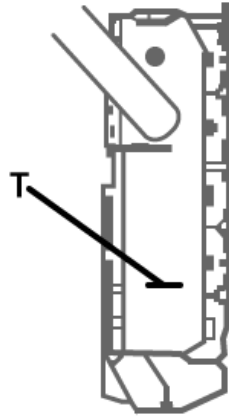
**Rear View**

<b>4.203</b>	<b>J or N - N is shown on Left Side View above</b>
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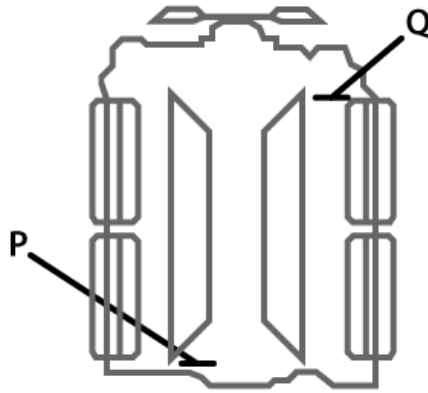
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**1300 Top View**

**1300 Series**

**T**



**V8 Top View**

**V8.540**

**Q**

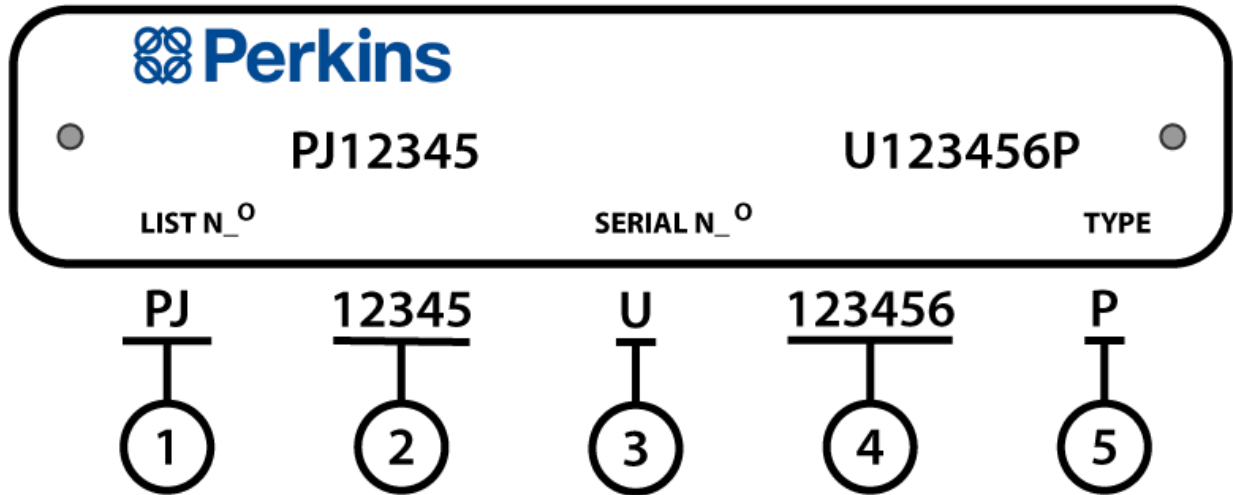
**V8.640**

**P**



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The engine serial number is made up of:

- 1) **PJ** \_\_\_\_\_ is the engine family, in this case 1106D-E66TA
- 2) **12345** \_\_\_\_\_ is the engine build type number or engine order reference
- 3) **U** \_\_\_\_\_ is the country of manufacture, in this case UK
- 4) **123456** \_\_\_\_\_ is the unique engine number
- 5) **P** \_\_\_\_\_ is the year of manufacture

# Engine Number Guide

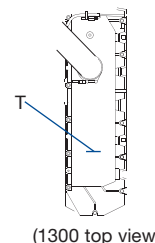
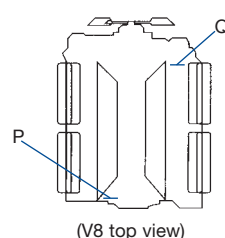
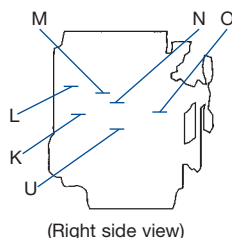
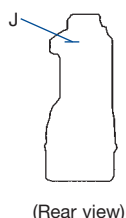
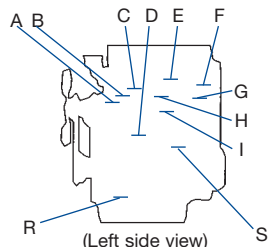
## Engines < 2 litre/cylinder (produced post 1974)

Engine number guide		
Example:	<b>PJ 12345 U 123456P</b>	
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	Y	1994
B	1975	M	1985	A	1995
C	1976	N	1986	B	1996
D	1977	P	1987	C	1997
E	1978	S	1988	D	1998
F	1979	T	1989	E	1/1/99-31/3/99
G	1980	U	1990	F	1/4/99-31/12/99
H	1981	V	1991	G	2000
J	1982	W	1992	H	2001
K	1983	X	1993	J	2002
				K	2003
				L	2004
				M	2005
				N	2006
				P	2007
				R <sup>1/S</sup>	2008
				T	2009
				U	2010
				V	2011
				W	2012
				X	2013
				Y	2014
				A	2015
				B	2016

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

## 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	Phaser/1000/1100(A/B/C) Series	H or J
4.154/200 Series	B	6.247	C or F	1104D	S
4.165	B or G	6.354	D	850 Series	D or R
4.203	J or N	V8.540	Q	1204E	S
4.212/4.248/900 Series	C	Peregrine/1300 Series	I or O	1206E	R
1106D including PK	R	V8.640	P	1300 Series	T
4.236	C or L	700/800 Series	K	1500 Series	U
				1600 Series	U

### Notes

<sup>1</sup> 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.

<sup>2</sup> Represents current manufacturing facilities.

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

## Engine family and type code - small/medium engines

A	Phaser/1004 Series	D	1103C Range	HM	403C-17	N	4.318 Series	TV	6.3724
AA	1004-4	DC	1103C-33	HN	404C-15	NC	4.318	TW	6.3544
AB	1004-4T	DD	1103C-33T	HP	404C-22	ND	4.3182	TX	C6.3544
AC	1004-4T	DE	1103C-33TA	HR	404C-22T		1104D Range	TY	H6.3544
AD	1004e-4TW		1103B Range	J	4.203 Series	NH <sup>2</sup> /NP	1104D-E44T	TZ	HT6.3544
AE	Fed. CC	DF	1103B-33	JD	4.203	NJ <sup>2</sup> /NR	1104D-E44TA	U	700 Series
AF	1004-40S	DG	1103B-33T	JE	D4.203	NK	1104D-44	UA	704.30
AG	1004-4		1103A Range	JF	G4.203	NL	1104D-44T	UB	704.26
AH	1004-4T	DJ	1103A-33	JG	4.2032	NM	1104D-44TA	UC	704.30
	New 1000 Series	DK	1103A-33T		850 Series	NP	1104D-E44T		800C Range
AJ	1004-40	E	4.108 Series	JR	854E-E34TA wall flow	NR	1104D-E44TA	UE	804C-33
AK	1004-40T	ED	4.108			P	1106 Range A,C,D	UF	804C-33T
AL	1004-40TA	E	400F Range	JS	854F-E34T through flow	PJ	1106D-E66TA		800D Range
AM	1004-40T	EG	402F-05			PK	1106C-E66TA <sup>1</sup>	UK	804D-33
AP	1004-40	EH	403F-07	JT	854F-E34T through flow	PP	1106A-70T	UL	804D-33T
AQ	1004-40T	EJ	403F-11			PR	1106A-70TA	UM	804D-33TA
AR	1004-42	EK	403F-15	JU	854F-E34TA	PT	1106C-70TA	V	1106C Range
AS	1004-42	EL	403F-15T	K	Perama/100 Series	PU	1106D-70TA	VK	1106C-E60TA
AT	1004-40TA	EN	404F-22	KA	102.04	PV	1106C-E70TA	X	V8.540 Series
B	Prima/500 Series	EP	404F-22T	KB	103.06	PW	1106D-E70TA	XA	V8.510
BA	504-2	G	4.154/200 Series	KC	103.09	R	6.247 Series	XB	TV8.510
BB	504-2T	GA	4.154	KD	103.10	RA	6.247	XC	V8.540
	1206 Range	GB	4.135	KE	103.15		1104C Range	XE	TV8.540
BK	1206E-E66TA wall flow	GC	4.182	KF	104.19	RE	1104C-44		1103D Range
		GD	4.25	KH	103.13	RF	1104C-E44	XG	1103D-E33
BL	1206E-E70TTA wall flow	GE	4.3	KL	103.07	RG	1104C-44T	XH	1103D-E33T
			400D/A Range	KN	102.05	RH	1104C-E44T	XJ	1103D-E33TA
BM	1206F-E70TA	GG	402D-05	KR	104.22	RJ	1104C-44TA	XK	1103D-33
BN	1206F-E70TTA	GH	403D-07	KS	103.11	RK	1104C-E44TA	XL	1103D-33T
C	3.152 Series	GJ	403D-11	L	4.236 Series		1104A Range	XM	1103D-33TA
CA	P3	GK	403D-15	LA	4.212	RR	1104A-44	Y	Phaser/1006 Series
CB	3.144	GL	403D-15T	LD	4.236	RS	1104A-44T	YA	1006-6
CC	P3.144	GM	404D-15	LE	G4.236	RT	1104A-44TA	YB	1006-6T
CD	3.152	GN	404D-22	LF	4.248	SD	Sabre CC6.68	YC	1006-6T
CE	D3.152	GP	404D-22T	LG	4.2482	T	6.354 Series	YD	1006e-6T
CF	G3.152	GR	404D-22TA	LH	C4.236	TC	6.354	YE	Fed. CC
CG	P3.152	GS	403D-17	LJ	T4.236	TD	H6.354	YF	1006-60S
CJ	3.1522	GT	403A-11	LM	4.41	TE	T6.354		New 1000 Series
CK	T3.152C	GU	403A-15		1204E Range	TF	HT6.354	YG	1006-60
CM	3.1524	GV	404A-22	MK	1204E-E44TA wall flow	TG	6.3541	YH	1006-60T
CN	T3.1524	H	4.165 Series			TH	T6.3541	YJ	1006-60TA
	900 Series	HA	4.165	ML	1204E-E44TA wall flow	TJ	6.3542	YK	1006-60TW
CR	903-27		400C Range			TK	C6.3542	Z	V8.640 Series
CP	903-27	HB	402C-05		1204F Range	TP	T6.3543	ZA	V8.640
CS	903-25	HD	403C-07	MT	1204F-E44TA	TR	6.372	ZB	TV8.640
CT	903-27S	HH	403C-11	MU	1204F-E44TTA	TT	TC6.3541		
		HL	403C-15			TU	T6.3544		

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

<sup>1</sup> PK Series engines are derived from the 1106D Range platform but are only Stage II EU 2007 generator sets emissions compliant.

<sup>2</sup> Not available from 2014.

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.