Engine Number Guide

Engines < 2 litre/cylinder (produced post 1974)

<table>
<thead>
<tr>
<th>Example: PJ 12345 U 123456P</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine family and type code</td>
</tr>
<tr>
<td>Parts list number of SOS order reference number</td>
</tr>
<tr>
<td>Country of manufacture code</td>
</tr>
<tr>
<td>Engine serial number</td>
</tr>
<tr>
<td>Year of manufacture code</td>
</tr>
<tr>
<td>Year of manufacture code</td>
</tr>
</tbody>
</table>

Year of manufacture code

This code indicates the calendar year of manufacture. The letters I, O, Q, R and Z will not be used.

<table>
<thead>
<tr>
<th>A</th>
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<tbody>
<tr>
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<td>X</td>
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<tr>
<td>Y</td>
<td>2014</td>
</tr>
<tr>
<td>Z</td>
<td>2015</td>
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Country of manufacture code

This code indicates the country in which the basic engine was manufactured.

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<thead>
<tr>
<th>A</th>
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<tbody>
<tr>
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</tr>
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<td>K</td>
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<td>V</td>
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<tr>
<td>W</td>
<td>Iran</td>
</tr>
<tr>
<td>X</td>
<td>Peru</td>
</tr>
</tbody>
</table>

Where to find your engine number

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).

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Publication No. PP3000/05/15
# Engine family and type code - small/medium engines

<table>
<thead>
<tr>
<th>Family</th>
<th>Type</th>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>Phaser/1004 Series</td>
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<td>1103C Range</td>
<td>403C-17</td>
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<tr>
<td>AA</td>
<td>1004-4</td>
<td>DC</td>
<td>1103C-33</td>
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<tr>
<td>AB</td>
<td>1004-4T</td>
<td>DD</td>
<td>1103C-33T</td>
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<tr>
<td>AC</td>
<td>1004-4T</td>
<td>DE</td>
<td>1103C-33TA</td>
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<tr>
<td>AD</td>
<td>1004e-4TW</td>
<td>J</td>
<td>4.203 Series</td>
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<td>Fed. CC</td>
<td>DF</td>
<td>1103B-33</td>
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<td>1004-4OS</td>
<td>DG</td>
<td>1103A-33</td>
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<td>1104D-4TA</td>
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<td>EG</td>
<td>402F-05</td>
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<td>EH</td>
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<td>504-2</td>
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<td>4.154/200 Series</td>
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<td>3.152 Series</td>
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<td>CG</td>
<td>P3.152</td>
<td>GS</td>
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<td>CJ</td>
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<td>T3.152C</td>
<td>GU</td>
<td>403A-15</td>
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<td>3.1524</td>
<td>GV</td>
<td>404A-22</td>
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<td>900 Series</td>
<td>HA</td>
<td>4.165</td>
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<td>903-27</td>
<td>HB</td>
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<td>CT</td>
<td>903-27S</td>
<td>HH</td>
<td>403C-11</td>
</tr>
</tbody>
</table>

### Notes

1. PK Series engines are derived from the 1106D Range platform but are only Stage II EU 2007 generator sets 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.
<table>
<thead>
<tr>
<th>Engine family and type code - large engines</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>4006 Range</strong></td>
</tr>
<tr>
<td><strong>DIE</strong></td>
</tr>
<tr>
<td><strong>CHP</strong></td>
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<tr>
<td><strong>DU</strong></td>
</tr>
<tr>
<td><strong>DGA</strong></td>
</tr>
<tr>
<td><strong>DGB</strong></td>
</tr>
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<td><strong>DGD</strong></td>
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<tr>
<td><strong>DGM</strong></td>
</tr>
<tr>
<td><strong>DGP</strong></td>
</tr>
<tr>
<td><strong>4008 Range</strong></td>
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</tr>
<tr>
<td><strong>DGH</strong></td>
</tr>
<tr>
<td><strong>DGM</strong></td>
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<tr>
<td><strong>DGP</strong></td>
</tr>
<tr>
<td><strong>DGA</strong></td>
</tr>
<tr>
<td><strong>DGB</strong></td>
</tr>
<tr>
<td><strong>DGI</strong></td>
</tr>
<tr>
<td><strong>4012 Range</strong></td>
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<tr>
<td><strong>DIF</strong></td>
</tr>
<tr>
<td><strong>DGA</strong></td>
</tr>
</tbody>
</table>

**Legend:**
- **61** Capacity in litres
- **A** Air to air
- **CHP** Combined heat and power
- **E** External water circuit
- **E** Electronic
- **G** Genset
- **I** Intercooled
- **M** Marine
- **R** Remote cooled
- **S (SI)** Spark ignition
- **T** Turbocharged
- **W** Water
### 1300 Series (Stafford)

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

**Engine number guide**

*Example:* W G H F 7004 N 12345 U  
- **W**: Generator set application (D for IOPU)  
- **G**: Rating (eg TAG5)  
- **H**: 6 cylinders  
- **F**: Differentiator for customer specific options (Build List number)  
- **D**: USA country of origin base engine  
- **N**: Unique serial number  
- **12345**: Year of manufacture  
- **U**: Build list ID

**Engine family and type code**

<table>
<thead>
<tr>
<th>Build list ID pre January 2010</th>
<th>Build list ID from January 2010</th>
<th>Product type</th>
<th>Speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>WS5360</td>
<td>WGDF7002</td>
<td>1306C-E87TAG3</td>
<td>1500</td>
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<td>WS5361</td>
<td>WGEF7003</td>
<td>1306C-E87TAG4</td>
<td>1500</td>
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<td>WS5358</td>
<td>WGFF7007</td>
<td>1306C-E87TAG5</td>
<td>1500</td>
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<td>WS5362</td>
<td>WGHF7004</td>
<td>1306C-E87TAG6</td>
<td>1500</td>
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<td>WS5359</td>
<td>WGDF7008</td>
<td>1306C-E87TAG3</td>
<td>1800</td>
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<td>WS5357</td>
<td>WGEF7009</td>
<td>1306C-E87TAG4</td>
<td>1800</td>
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<td>WS5363</td>
<td>WGDF7005</td>
<td>1306C-E87TAG3</td>
<td>1500/1800</td>
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<tr>
<td>WS5364</td>
<td>WGEF7006</td>
<td>1306C-E87TAG4</td>
<td>1500/1800</td>
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</tbody>
</table>

### 1500 Series (Seguin)

**Engine number guide**

*Example:* L G F F 1010 N 12345 U  
- **L**: Generator set application  
- **G**: Rating (eg TAG5)  
- **F**: 6 cylinders  
- **D**: Differentiator for customer specific options (Build List number)  
- **F**: USA country of manufacture  
- **N**: Unique serial number  
- **12345**: Year of manufacture  
- **U**: Build list ID

**Engine family and type code**

<table>
<thead>
<tr>
<th>Build list ID</th>
<th>Product type</th>
</tr>
</thead>
<tbody>
<tr>
<td>WGDF</td>
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<td>WGEF</td>
<td>1306A-E87TAG4</td>
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<tr>
<td>WGHF</td>
<td>1306A-E87TAG6</td>
</tr>
</tbody>
</table>
1600 Series (Stafford)

Engine number guide

Example: X G D F 7147 N 12345 W

- X: Differentiator for customer specific options (Build List number)
- G: USA country of origin base engine
- D: Unique serial number
- F: Year of manufacture
- 7147: USA country of origin base engine
- N: Unique serial number
- 12345: Year of manufacture

Engine family and type code

<table>
<thead>
<tr>
<th>Build list ID</th>
<th>Product type</th>
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<tr>
<td>XGAF</td>
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<td>XGBF</td>
<td>1606D-E93TAG2</td>
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<td>XGDF</td>
<td>1606D-E93TAG3</td>
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<tr>
<td>XGEF</td>
<td>1606A/D-E93TAG4</td>
</tr>
<tr>
<td>XGFF</td>
<td>1606A/D-E93TAG5</td>
</tr>
</tbody>
</table>

From the 1 January 2008 the engine numbering format for large engines 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
- ● 8 cylinder engine: H will replace 08
- ● 12 cylinder engine: M will replace 12
- ● 16 cylinder engine: R will replace 16

2000 Series Electronic (Seguin from February 2014/Stafford pre February 2014)

Engine number guide

Example: T G A F 0019 N 00178 A

- T: Engine specification number
- G: Country of manufacture
- A: Build line number
- 0019: Engine specification number
- N: Country of manufacture
- 00178: Build line number
- A: Year of manufacture

Engine family and type code

<table>
<thead>
<tr>
<th>Build list ID pre January 2009</th>
<th>Build list ID from January 2009</th>
<th>Product type</th>
</tr>
</thead>
<tbody>
<tr>
<td>2206 range</td>
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<td></td>
</tr>
<tr>
<td>2206TAG2 (13 litre)</td>
<td>2206TAG3 (13 litre)</td>
<td></td>
</tr>
<tr>
<td>2206TAG4 (13 litre)</td>
<td>2206TAG5 (13 litre)</td>
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</tr>
<tr>
<td>2300 range</td>
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<td></td>
</tr>
<tr>
<td>FG06</td>
<td>FGAF</td>
<td>2306TAG1 (14 litre)</td>
</tr>
<tr>
<td>FGB06</td>
<td>FGBF</td>
<td>2306TAG2 (14 litre)</td>
</tr>
<tr>
<td>FGD06</td>
<td>FGDF</td>
<td>2306TAG3 (14 litre)</td>
</tr>
</tbody>
</table>

Engine family and type code

<table>
<thead>
<tr>
<th>Build list ID pre January 2008</th>
<th>Build list ID from January 2008</th>
<th>Product type</th>
</tr>
</thead>
<tbody>
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<tr>
<td>MGA06</td>
<td>MGAF</td>
<td>2506TAG1 (15 litre)</td>
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<td>MGB06</td>
<td>MGBF</td>
<td>2506TAG2 (15 litre)</td>
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<td>MGD06</td>
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<td>HGB06</td>
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<td>JGA06</td>
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<td>JGB06</td>
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<td>JGD06</td>
<td>JGDIF</td>
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</tbody>
</table>
# Engine number guide

## Example:

- **4000 Series engine**: D
- **Generator set application**: G
- **Rating (eg TAG2)**: B
- **6 cylinders**: F

**4000 Series engine**

- **D**: Fixed build number (0000 means configured product)
- **U**: Country of manufacture
- **0017**: Build line number

**Notes:**
- A letter ‘A’ after the engine type equals the first evolution of that product, eg TAG1A
- The letters ‘DBB’ in the serial number signify a long engine replacement in a diesel or gas 4000 Series engine

## Engine family and type code - Diesel

<table>
<thead>
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<td>DGA06</td>
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<td>DGB06</td>
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2000/3000 Series Mechanical (Shrewsbury)

**Engine number guide**

Example: SG A 06 0010 U 0001 Y

**Engine application** SG  
**Engine family and type code** A  
**Number of cylinders** 06 = 2000 Series, 08/12 = 3000 Series  
**Engine specification number** 0010

**Engine family and type code**

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<th>Family: SF Forklift</th>
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**Shrewsbury Product (produced pre 1994)**

**Engine number guide**

Example: 8C 27655 U 88900 W

**Engine family and type code**

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**Family: SH Horizontal**

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Asia

Singapore
Perkins Engines (Asia Pacific) Pte Ltd
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Singapore 627973
Tel: +65 6828 7469
Fax: +65 6828 7414

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1319 West Yan’an Road,
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Fax: +86-21-52136624

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