









# Remanufacturing – for good reasons

It all starts with the used component, the core, which is the raw material of the remanufacturing process. The cores are completely disassembled, thoroughly cleaned and inspected in order to determine their condition. Cores not fulfilling our stringent requirements are discarded and the raw materials recycled.

Components fulfilling the criteria are restored to what is, technically, new condition. Wear parts and those not fulfilling the criteria are replaced with new genuine parts. All components are organized to correspond to the bill of material, which contains all design changes to secure that what is remanufactured always fulfills our latest technical specifications. When the components are reassembled, they are carefully tested to

verify product performance. Finally, the component is painted, to give it the same finish as a new part.

In all aspects, Volvo Penta exchange components are technically new. And what's more - used components have been given a new life as exchange components – up to 85 per cent of the raw material has been recycled through the remanufacturing process.

## **Good reasons for Volvo Penta exchange components:**

- Completely remanufactured to new condition by Volvo Penta
- Same quality and warranty as new Genuine Volvo Penta Parts
- Updated to the latest technical specifications
- Cost-effective alternative to repair and overhaul
- Less impact on the environment through recycling
- Quick exchange, less downtime
- Lower ownership and operating costs



Learn more about the Volvo Penta remanufacturing process  
– Watch the video.



# Highlights

This section gives you a quick overview of vital news that have been added to this edition of the Volvo Penta Exchange Catalogue.

**Note!** For the latest information, consult the Volvo Penta Electronic Parts Catalogue (EPC). If you are a customer, please contact your Volvo Penta dealer to order exchange components.

## Marine engines

### D3

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| D3-H | Exchange components added | Page 15 |
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### GASOLINE ENGINES

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## Industrial off-road engines (VE)

### D5

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| TAD540VE TAD541VE TAD542VE | Shortblock added | Page 41 |
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| TAD1643VE-B                   | Exchange components added | Page 50 |
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# Volvo Penta IPS

## IPS 15

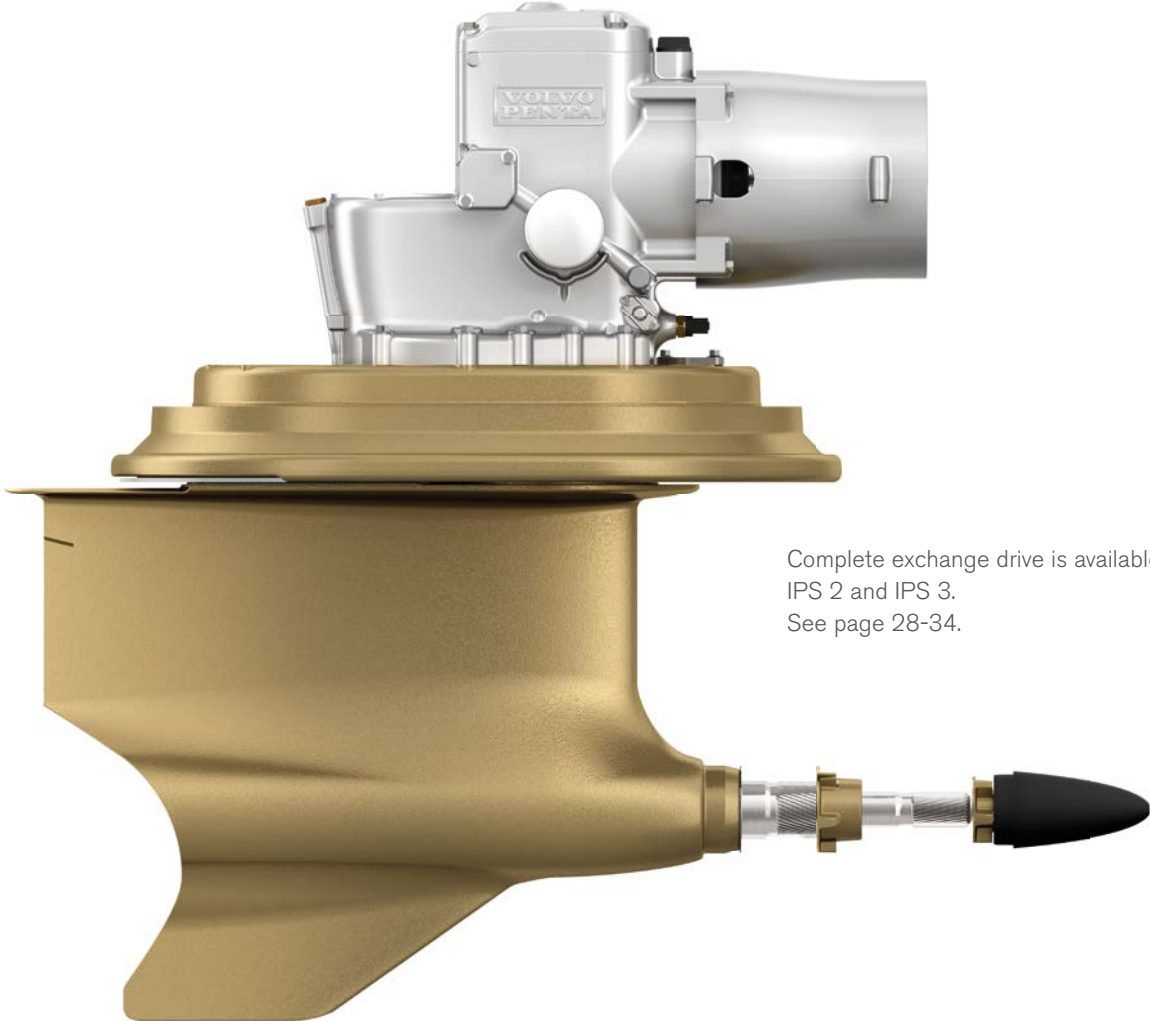
|                   |                           |         |
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| Gear ratio 1.84:1 | Exchange components added | Page 30 |
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## IPS 20

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| Gear ratio 1.70:1 | Exchange components added | Page 32 |
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## IPS 30

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| Gear ratio 1.88:1 | Exchange components added | Page 34 |
| Gear ratio 1.99:1 | Exchange components added | Page 34 |



Complete exchange drive is available for IPS 1, IPS 2 and IPS 3. See page 28-34.

# Marine Diesel Engines

Exchange components

# MARINE DIESEL ENGINES

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# D1

## D1-13A / D1-13B / D1-13F

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3803891     |       |
| Injector/UI     | 3801339     |       |
| Injection pump  | 3803896     |       |
| Turbocharger    | N/A         |       |
| Circulationpump | 3803970     |       |

## D1-20A / D1-20B / D1-20F

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3803892     |       |
| Injector/UI     | 3801339     |       |
| Injection pump  | 3803896     |       |
| Turbocharger    | N/A         |       |
| Circulationpump | 3803970     |       |

## D1-30A / D1-20B / D1-20F

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3803893     |       |
| Injector/UI     | 3803927     |       |
| Injection pump  | 3803900     |       |
| Turbocharger    | N/A         |       |
| Circulationpump | 3801343     |       |

# D2

## D2-40A / D2-40B / D2-40F

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3803894     |       |
| Injector/UI     | 3803928     |       |
| Injection pump  | 3803901     |       |
| Turbocharger    | N/A         |       |
| Circulationpump | 3801343     |       |

## D2-55A / D2-55B / D2-55C / D2-55D / D2-55E

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | N/A         |       |
| Injector/UI     | 3803442     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | N/A         |       |
| Circulationpump | 3801345     |       |

## D2-55F

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801333     |       |
| Injector/UI     | 3803442     |       |
| Injection pump  | 3801531     |       |
| Turbocharger    | N/A         |       |
| Circulationpump | 3801345     |       |

## D2-75A / D2-75B / D2-75C

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | N/A         |       |
| Injector/UI     | 3803442     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3801341     |       |
| Circulationpump | 3801345     |       |

## D2-75F

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801334     |       |
| Injector/UI     | 3803442     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3801341     |       |
| Circulationpump | 3801345     |       |

# D3

## D3-110I-A / D3-130I-A / D3-160I-A

| Part            | Exchange no | Notes            |
|-----------------|-------------|------------------|
| Longblock       | 3801175     |                  |
| Shortblock      | N/A         |                  |
| Cylinder head   | 3801742     |                  |
| Injector/UI     | 3801329     | For cylinder 1-3 |
| Injector/UI     | 3801330     | For cylinder 4-5 |
| Injection pump  | N/A         |                  |
| Turbocharger    | 3801270     |                  |
| Circulationpump | N/A         |                  |

## D3-130A-A / D3-160A-A

| Part            | Exchange no | Notes            |
|-----------------|-------------|------------------|
| Longblock       | 3801175     |                  |
| Shortblock      | N/A         |                  |
| Cylinder head   | 3801742     |                  |
| Injector/UI     | 3801329     | For cylinder 1-3 |
| Injector/UI     | 3801330     | For cylinder 4-5 |
| Injection pump  | N/A         |                  |
| Turbocharger    | 3801270     |                  |
| Circulationpump | N/A         |                  |

## D3-110I-B / D3-130I-B / D3-160I-B

| Part            | Exchange no | Notes            |
|-----------------|-------------|------------------|
| Longblock       | 3801151     |                  |
| Shortblock      | N/A         |                  |
| Cylinder head   | 3801444     |                  |
| Injector/UI     | 3801259     | For cylinder 1-3 |
| Injector/UI     | 3801260     | For cylinder 4-5 |
| Injection pump  | N/A         |                  |
| Turbocharger    | 3801270     |                  |
| Circulationpump | N/A         |                  |

## D3-190I-B

| Part            | Exchange no | Notes            |
|-----------------|-------------|------------------|
| Longblock       | 3801151     |                  |
| Shortblock      | N/A         |                  |
| Cylinder head   | 3801444     |                  |
| Injector/UI     | 3801259     | For cylinder 1-3 |
| Injector/UI     | 3801260     | For cylinder 4-5 |
| Injection pump  | N/A         |                  |
| Turbocharger    | 3801271     |                  |
| Circulationpump | N/A         |                  |

# D3

## D3-130A-B / D3-160A-B

| Part            | Exchange no | Notes            |
|-----------------|-------------|------------------|
| Longblock       | 3801151     |                  |
| Shortblock      | N/A         |                  |
| Cylinder head   | 3801444     |                  |
| Injector/UI     | 3801259     | For cylinder 1-3 |
| Injector/UI     | 3801260     | For cylinder 4-5 |
| Injection pump  | N/A         |                  |
| Turbocharger    | 3801270     |                  |
| Circulationpump | N/A         |                  |

## D3-190A-B

| Part            | Exchange no | Notes            |
|-----------------|-------------|------------------|
| Longblock       | 3801151     |                  |
| Shortblock      | N/A         |                  |
| Cylinder head   | 3801444     |                  |
| Injector/UI     | 3801259     | For cylinder 1-3 |
| Injector/UI     | 3801260     | For cylinder 4-5 |
| Injection pump  | N/A         |                  |
| Turbocharger    | 3801271     |                  |
| Circulationpump | N/A         |                  |

## D3-110I-C / D3-130I-C / D3-160I-C

| Part            | Exchange no | Notes            |
|-----------------|-------------|------------------|
| Longblock       | 3801151     |                  |
| Shortblock      | N/A         |                  |
| Cylinder head   | 3801444     |                  |
| Injector/UI     | 3801259     | For cylinder 1-3 |
| Injector/UI     | 3801260     | For cylinder 4-5 |
| Injection pump  | N/A         |                  |
| Turbocharger    | 3801270     |                  |
| Circulationpump | N/A         |                  |

## D3-190I-C

| Part            | Exchange no | Notes            |
|-----------------|-------------|------------------|
| Longblock       | 3801151     |                  |
| Shortblock      | N/A         |                  |
| Cylinder head   | 3801444     |                  |
| Injector/UI     | 3801259     | For cylinder 1-3 |
| Injector/UI     | 3801260     | For cylinder 4-5 |
| Injection pump  | N/A         |                  |
| Turbocharger    | 3801271     |                  |
| Circulationpump | N/A         |                  |

## D3-110I-D / D3-150I-D / D3-170I-D / D3-200I-D / D3-220I-D

| Part            | Exchange no | Notes                                   |
|-----------------|-------------|---|
| Longblock       | 3801634     | Order also 21750952, 21636474, 21636477 |
| Shortblock      | N/A         |   |
| Cylinder head   | 3801663     |   |
| Injector/UI     | 3801385     |   |
| Injection pump  | N/A         |   |
| Turbocharger    | 3801387     |   |
| Circulationpump | N/A         |   |

# D3

## D3-140A-D / D3-170A-D / D3-200A-D / D3-220A-D

| Part            | Exchange no | Notes                                   |
|-----------------|-------------|---|
| Longblock       | 3801634     | Order also 21750952, 21636474, 21636477 |
| Shortblock      | N/A         |   |
| Cylinder head   | 3801663     |   |
| Injector/UI     | 3801385     |   |
| Injection pump  | N/A         |   |
| Turbocharger    | 3801387     |   |
| Circulationpump | N/A         |   |

## D3-110I-E / D3-140I-E / D3-150I-E / D3-170I-E / D3-200I-E / D3-220I-E

| Part            | Exchange no | Notes                                   |
|-----------------|-------------|---|
| Longblock       | 3801634     | Order also 21750952, 21636474, 21636477 |
| Shortblock      | N/A         |   |
| Cylinder head   | 3801663     |   |
| Injector/UI     | 3801385     |   |
| Injection pump  | N/A         |   |
| Turbocharger    | 3801387     |   |
| Circulationpump | N/A         |   |

## D3-140A-E / D3-170A-E / D3-200A-E / D3-220A-E

| Part            | Exchange no | Notes                                   |
|-----------------|-------------|---|
| Longblock       | 3801634     | Order also 21750952, 21636474, 21636477 |
| Shortblock      | N/A         |   |
| Cylinder head   | 3801663     |   |
| Injector/UI     | 3801385     |   |
| Injection pump  | N/A         |   |
| Turbocharger    | 3801387     |   |
| Circulationpump | N/A         |   |

## D3-110I-F / D3-140I-F / D3-150I-F / D3-170I-F / D3-200I-F / D3-220I-F

| Part            | Exchange no | Notes                                   |
|-----------------|-------------|---|
| Longblock       | 3801634     | Order also 21750952, 21636474, 21636477 |
| Shortblock      | N/A         |   |
| Cylinder head   | 3801663     |   |
| Injector/UI     | 3801385     |   |
| Injection pump  | N/A         |   |
| Turbocharger    | 3801387     |   |
| Circulationpump | N/A         |   |

## D3-140A-F / D3-170A-F / D3-200A-F / D3-220A-F

| Part            | Exchange no | Notes               |
|-----------------|-------------|---------------------|
| Longblock       | 3801634     | Order also 21750952 |
| Shortblock      | N/A         |                     |
| Cylinder head   | 3801663     |                     |
| Injector/UI     | 3801385     |                     |
| Injection pump  | N/A         |                     |
| Turbocharger    | 3801387     |                     |
| Circulationpump | N/A         |                     |

# D3

## D3-110I-G / D3-140I-G / D3-150I-G / D3-170I-G

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801634     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801745     |       |
| Cylinder head   |             |       |
| Injector/UI     | 3801385     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3801387     |       |
| Circulationpump | N/A         |       |
| Circulationpump | N/A         |       |

## D3-200I-G / D3-220I-G

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801634     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801563     |       |
| Cylinder head   |             |       |
| Injector/UI     | 3801385     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3801387     |       |
| Circulationpump | N/A         |       |
| Circulationpump | N/A         |       |

## D3-140A-G / D3-170A-G

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801634     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801745     |       |
| Cylinder head   |             |       |
| Injector/UI     | 3801385     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3801387     |       |
| Circulationpump | N/A         |       |
| Circulationpump | N/A         |       |

## D3-200A-G / D3-220A-G

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801634     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801563     |       |
| Cylinder head   |             |       |
| Injector/UI     | 3801385     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3801387     |       |
| Circulationpump | N/A         |       |
| Circulationpump | N/A         |       |

# D3

## D3-110I-H / D3-140I-H / D3-150I-H / D3-170I-H

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801634     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801745     |       |
| Cylinder head   |             |       |
| Injector/UI     | 3801385     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3801387     |       |
| Circulationpump | N/A         |       |
| Circulationpump | N/A         |       |

## D3-200I-H / D3-220I-H

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801634     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801563     |       |
| Cylinder head   |             |       |
| Injector/UI     | 3801385     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3801387     |       |
| Circulationpump | N/A         |       |
| Circulationpump | N/A         |       |

## D3-140A-H / D3-170A-H

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801634     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801745     |       |
| Cylinder head   |             |       |
| Injector/UI     | 3801385     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3801387     |       |
| Circulationpump | N/A         |       |
| Circulationpump | N/A         |       |

## D3-200A-H / D3-220A-H

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801634     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801563     |       |
| Cylinder head   |             |       |
| Injector/UI     | 3801385     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3801387     |       |
| Circulationpump | N/A         |       |
| Circulationpump | N/A         |       |

# D4

## D4-180I-B/C/D/E

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801701     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801693     |       |
| Injector/UI     | 3801294     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3802150     |       |
| Circulationpump | 3801650     |       |

## D4-180I-F

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801701     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801693     |       |
| Injector/UI     | 3801759     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3802150     |       |
| Circulationpump | 3801650     |       |

## D4-210I-A/B / D4-210A-A/B

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801701     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801693     |       |
| Injector/UI     | 3801294     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3802150     |       |
| Circulationpump | 3801650     |       |

## D4-225I-B/C/D / D4-225A-B/C/D

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801701     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801693     |       |
| Injector/UI     | 3801294     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3802150     |       |
| Circulationpump | 3801650     |       |

## D4-225I-F / D4-225A-F

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801701     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801693     |       |
| Injector/UI     | 3801759     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3802150     |       |
| Circulationpump | 3801650     |       |



# D4

## D4-260I-A/B/C/D/E / D4-260A-A/B/C/D/E / D4-260D-B/C/D/E

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801701     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801693     |       |
| Injector/UI     | 3801759     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3802150     |       |
| Circulationpump | 3801650     |       |

## D4-300I-A/C/D/E / D4-300A-A/C/D/E / D4-300D-A/C/D/E

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801702     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801694     |       |
| Injector/UI     | 3801148     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3801173     |       |
| Circulationpump | 3801650     |       |

# D6

## D6-280I-A/B/C/D/E / D6-280A-A/B/C/D/E SN -2006003696

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801703     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801695     |       |
| Injector/UI     | 3801294     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3802152     |       |
| Circulationpump | 3801650     |       |

## D6-280I-A/B/C/D/E / D6-280A-A/B/C/D/E SN 2006003697-

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801703     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801695     |       |
| Injector/UI     | 3801759     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3802152     |       |
| Circulationpump | 3801650     |       |

## D6-300A-F / D6-300D-F

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801703     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801695     |       |
| Injector/UI     | 3801759     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3802152     |       |
| Circulationpump | 3801650     |       |

## D6-310I-A/B/C/D/E / D6-310A-A/B/C/D/E SN -2006003696

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801703     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801695     |       |
| Injector/UI     | 3801294     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3802152     |       |
| Circulationpump | 3801650     |       |

## D6-310I-A/B/C/D/E / D6-310A-A/B/C/D/E SN 2006003697-

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801703     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801695     |       |
| Injector/UI     | 3801759     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3802152     |       |
| Circulationpump | 3801650     |       |

# D6

## D6-330I-B/C/D/E / D6-330A-B/C/D/E / D6-330D-B/C/D/E SN -2006003696

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801703     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801695     |       |
| Injector/UI     | 3801294     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3802152     |       |
| Circulationpump | 3801650     |       |

## D6-330I-B/C/D/E / D6-330A-B/C/D/E / D6-330D-B/C/D/E SN 2006003697-

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801703     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801695     |       |
| Injector/UI     | 3801759     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3802152     |       |
| Circulationpump | 3801650     |       |

## D6-350A-A/B SN -2006003696

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801703     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801695     |       |
| Injector/UI     | 3801294     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3802152     |       |
| Circulationpump | 3801650     |       |

## D6-350A-A/B SN 2006003697-

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801703     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801695     |       |
| Injector/UI     | 3801759     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3802152     |       |
| Circulationpump | 3801650     |       |

## D6-330I-B/C/D/E / D6-330A-B/C/D/E / D6-330D-B/C/D/E SN -2006003696

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801703     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801695     |       |
| Injector/UI     | 3801294     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3802152     |       |
| Circulationpump | 3801650     |       |

# D6

## D6-370I-B/C/D/E / D6-370A-B/C/D/E / D6-370D-B/C/D/E SN 2006003697-

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801703     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801695     |       |
| Injector/UI     | 3801759     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3802152     |       |
| Circulationpump | 3801650     |       |

## D6-370I-F / D6-370A-F D6-370D-F

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801703     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801695     |       |
| Injector/UI     | 3801759     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3802152     |       |
| Circulationpump | 3801650     |       |

## D6-400A-F / D6-435D-F

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801704     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801696     |       |
| Injector/UI     | 3801148     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3801138     |       |
| Circulationpump | 3801650     |       |

# D9

## D9-MG

| Part            | Exchange no | Notes     |
|-----------------|-------------|-----------|
| Longblock       | N/A         |           |
| Shortblock      | N/A         |           |
| Cylinder head   | 3801427     |           |
| Injector/UI     | 3801441     |           |
| Injection pump  | N/A         |           |
| Turbocharger    | 3801114     |           |
| Circulationpump | 3803930     | For RC    |
| Circulationpump | 3803844     | For HE/KC |

## D9-MH - SN1009163095

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801427     |       |
| Injector/UI     | 3801441     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3801114     |       |
| Circulationpump | 3803844     |       |

## D9-MH SN1009163096 -

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801427     |       |
| Injector/UI     | 3801441     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3801114     |       |
| Circulationpump | N/A         |       |

## D9-425 - SN1009163095

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801427     |       |
| Injector/UI     | 3801441     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3801114     |       |
| Circulationpump | 3803844     |       |

## D9-425 SN1009163096 -

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801427     |       |
| Injector/UI     | 3801441     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3801114     |       |
| Circulationpump | N/A         |       |

# D9

## D9-500 - SN1009163095

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801427     |       |
| Injector/UI     | 3801441     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3801114     |       |
| Circulationpump | 3803844     |       |

## D9-500 SN1009163096 -

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801427     |       |
| Injector/UI     | 3801441     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3801114     |       |
| Circulationpump | N/A         |       |

## D9-575 - SN1009163095

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801427     |       |
| Injector/UI     | 3801441     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3801114     |       |
| Circulationpump | 3803844     |       |

## D9-575 SN1009163096 -

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801427     |       |
| Injector/UI     | 3801441     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3801114     |       |
| Circulationpump | N/A         |       |

# D11

## D11A-A/B/C/D/E

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801429     |       |
| Injector/UI     | 3801433     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3801486     |       |
| Circulationpump | N/A         |       |

## D11A-C/D IPS

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801429     |       |
| Injector/UI     | 3801433     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3801486     |       |
| Circulationpump | N/A         |       |

# D12

## D12D-A/E MG

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3803666     |       |
| Injector/UI     | 3801293     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3802144     |       |
| Circulationpump | 3803909     |       |

## D12D-A MH SN -1012638799

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3803666     |       |
| Injector/UI     | 3803491     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3802116     |       |
| Circulationpump | 3803909     |       |

## D12D-A MH SN 1012638800-

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3803666     |       |
| Injector/UI     | 3803570     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3802116     |       |
| Circulationpump | 3803909     |       |

## D12D-B/C/E/G MH

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3803666     |       |
| Injector/UI     | 3801293     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3802116     |       |
| Circulationpump | 3803909     |       |

## D12C-A MP

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3803665     |       |
| Injector/UI     | 3803491     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3802116     |       |
| Circulationpump | 3803909     |       |



# D12

## D12D-A MP

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3803666     |       |
| Injector/UI     | 3801482     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3802116     |       |
| Circulationpump | 3803909     |       |

## D12D-B/C/D/E/F/G/H MP

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3803666     |       |
| Injector/UI     | 3801134     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3802116     |       |
| Circulationpump | 3803909     |       |

# D16

## D16C-A MG

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801605     |       |
| Injector/UI     | 3803637     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3801381     |       |
| Circulationpump | N/A         |       |

## D16C-A/B/C MH

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801605     |       |
| Injector/UI     | 3803637     |       |
| Injection pump  | N/A         |       |
| Turbocharger    | 3801381     |       |
| Circulationpump | N/A         |       |



Exchange components

# **VOLVO PENTA IPS**

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# IPS 1

## IPS 1 – GEAR RATIO 1.82:1

| Part             | Exchange no | Notes  |          |               |
|------------------|-------------|--|----------|---------------|
| Complete drive   | 3801710     | Excluding upper tension ring, propellers, rubber rings and steering unit servo (SUS) |          |               |
| Upper gear       | 3801451     |  |          |               |
| Lower gear       | 3801715     | Including intermediate housing   |          |               |
| Servo unit (SUS) | 3803889     | IPS1-A   | EVC-B-B2 |               |
| Servo unit (SUS) | 3801113     | IPS1-B   | EVC-C    | -SN3194005811 |
| Servo unit (SUS) | 3801461     | IPS1-B/C/D/E/F   | EVC-C/D  | SN3194005812- |
| Servo unit (SUS) | 3801475     | IPS1-F   | EVC-E    |               |

## IPS 1 – GEAR RATIO 1.94:1

| Part             | Exchange no | Notes  |          |               |
|------------------|-------------|--|----------|---------------|
| Complete drive   | 3801711     | Excluding upper tension ring, propellers, rubber rings and steering unit servo (SUS) |          |               |
| Upper gear       | 3801451     |  |          |               |
| Lower gear       | 3801714     | Including intermediate housing   |          |               |
| Servo unit (SUS) | 3803889     | IPS1-A   | EVC-B-B2 |               |
| Servo unit (SUS) | 3801113     | IPS1-B   | EVC-C    | -SN3194005811 |
| Servo unit (SUS) | 3801461     | IPS1-B/C/D/E/F   | EVC-C/D  | SN3194005812- |
| Servo unit (SUS) | 3801475     | IPS1-F   | EVC-E    |               |

## IPS 1 – GEAR RATIO 2.08:1

| Part             | Exchange no | Notes                          |          |               |
|------------------|-------------|--------------------------------|----------|---------------|
| Complete drive   | N/A         |                                |          |               |
| Upper gear       | 3801450     |                                |          |               |
| Lower gear       | 3801714     | Including intermediate housing |          |               |
| Servo unit (SUS) | 3803889     | IPS1-A                         | EVC-B-B2 |               |
| Servo unit (SUS) | 3801113     | IPS1-B                         | EVC-C    | -SN3194005811 |
| Servo unit (SUS) | 3801461     | IPS1-B/C/D/E/F                 | EVC-C/D  | SN3194005812- |
| Servo unit (SUS) | 3801475     | IPS1-F                         | EVC-E    |               |

## IPS 1 – GEAR RATIO 2.40:1

| Part             | Exchange no | Notes                          |          |               |
|------------------|-------------|--------------------------------|----------|---------------|
| Complete drive   | N/A         |                                |          |               |
| Upper gear       | 3801450     |                                |          |               |
| Lower gear       | 3801716     | Including intermediate housing |          |               |
| Servo unit (SUS) | 3803889     | IPS1-A                         | EVC-B-B2 |               |
| Servo unit (SUS) | 3801113     | IPS1-B                         | EVC-C    | -SN3194005811 |
| Servo unit (SUS) | 3801461     | IPS1-B/C/D/E/F                 | EVC-C/D  | SN3194005812- |
| Servo unit (SUS) | 3801475     | IPS1-F                         | EVC-E    |               |

# IPS 15

## IPS 15 - Gear ratio 1.84:1

| Part           | Exchange no | Notes                          |
|----------------|-------------|--------------------------------|
| Complete drive | N/A         |                                |
| Upper gear     | 3801720     |                                |
| Lower gear     | 3801678     | Including intermediate housing |
| SUS            | 3801635     |                                |

# IPS 2-B/C

## IPS 2 – GEAR RATIO 1.59:1

| <b>Part</b>      | <b>Exchange no</b> | <b>Notes</b>   |
|------------------|--------------------|--|
| Complete drive   | 3801718            | Excluding upper tension ring, propellers, rubber rings and steering unit servo (SUS) |
| Upper gear       | 3801720            |  |
| Lower gear       | 3801721            | Including intermediate housing   |
| Servo unit (SUS) | 3801635            |  |

## IPS 2 – GEAR RATIO 1.70:1

| <b>Part</b>      | <b>Exchange no</b> | <b>Notes</b>   |
|------------------|--------------------|--|
| Complete drive   | 3801719            | Excluding upper tension ring, propellers, rubber rings and steering unit servo (SUS) |
| Upper gear       | 3801720            |  |
| Lower gear       | 3801722            | Including intermediate housing   |
| Servo unit (SUS) | 3801635            |  |

# IPS 20

## IPS 20 - Gear ratio 1.70:1

| Part           | Exchange no | Notes                          |
|----------------|-------------|--------------------------------|
| Complete drive | N/A         |                                |
| Upper gear     | N/A         |                                |
| Lower gear     | 3801722     | Including intermediate housing |
| SUS            | 3801635     |                                |



# IPS 3

## IPS 3 – GEAR RATIO 1.88:1

| <b>Part</b>      | <b>Exchange no</b> | <b>Notes</b>   |
|------------------|--------------------|--|
| Complete drive   | 3801723            | Excluding upper tension ring, propellers, rubber rings and steering unit servo (SUS) |
| Upper gear       | 3801720            |  |
| Lower gear       | 3801725            | Including intermediate housing   |
| Servo unit (SUS) | 3801635            |  |

## IPS 3 – GEAR RATIO 1.99:1

| <b>Part</b>      | <b>Exchange no</b> | <b>Notes</b>   |
|------------------|--------------------|--|
| Complete drive   | 3801724            | Excluding upper tension ring, propellers, rubber rings and steering unit servo (SUS) |
| Upper gear       | 3801720            |  |
| Lower gear       | 3801726            | Including intermediate housing   |
| Servo unit (SUS) | 3801635            |  |

# IPS 30

## IPS 30 – GEAR RATIO 1.88:1

| Part             | Exchange no | Notes                          |
|------------------|-------------|--------------------------------|
| Complete drive   | N/A         |                                |
| Upper gear       | N/A         |                                |
| Lower gear       | 3801725     | Including intermediate housing |
| Servo unit (SUS) | 3801635     |                                |

## IPS 30 – GEAR RATIO 1.99:1

| Part             | Exchange no | Notes                          |
|------------------|-------------|--------------------------------|
| Complete drive   | N/A         |                                |
| Upper gear       | N/A         |                                |
| Lower gear       | 3801726     | Including intermediate housing |
| Servo unit (SUS) | 3801635     |                                |



# Gasoline engines

Exchange components

## **GASOLINE ENGINES**

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# 4.3L

## 4.3L/262 CU IN. V6- GEN+

Cylinder heads, roller rockers, metric thread bellhousing fits 2000-2007

| Part      | Exchange no | Notes                            |
|-----------|-------------|----------------------------------|
| Longblock | 3801553     | Non-compliant, with crank sensor |

**For countries outside US and Canada below part number is to be used**

|           |         |                   |
|-----------|---------|-------------------|
| Longblock | 3801553 | With crank sensor |
|-----------|---------|-------------------|

## 4.3L/262 CU IN. V6- GEN+

Cylinder heads, roller rocker arms, crank sensor, metric thread bellhousing fits 2008 and newer

| Part      | Exchange no | Notes   |
|-----------|-------------|---|
| Longblock | 3801554     | Non-compliant, Up to 2010, SN A116912-A158992 |
| Longblock | 3801555     | CY2011 Compliant, SN A159408-A196578          |
| Longblock | 3801556     | CY2012 Compliant, SN A196579-A214215          |
| Longblock | 3801557     | CY2013 Compliant, SN A214216-A302405          |
| Longblock | 3801611     | CY2014 Compliant, SN A302406 -A382804         |
| Longblock | 3801654     | CY2015 Compliant, SN A382810-A510936          |

**For countries outside US and Canada below part number is to be used**

|           |         |  |
|-----------|---------|--|
| Longblock | 3801611 |  |
|-----------|---------|--|

## 4.3L/262 CU IN. V6- GEN V

Cylinder heads, roller rocker arms, crank sensor, metric thread bellhousing fits 2008 and newer

| Part      | Exchange no | Notes  |
|-----------|-------------|--|
| Longblock | 3801705     | GEN V/ CY2015 Compliant, serial no A382810-A510936 |
| Longblock | 3801706     | GEN V/ CY2016 Compliant, serial no A510937-A650777 |
| Longblock | 3801734     | GEN V/ CY2016 Compliant, serial no A650778-A697360 |
| Longblock | 3801760     | GEN V/ CY2017 Compliant, serial no A697361-A863097 |
| Longblock | 3801774     | GEN V/ CY2018 Compliant, serial no A863098-        |

**For countries outside US and Canada below part number is to be used**

|           |         |  |
|-----------|---------|--|
| Longblock | 3801705 |  |
|-----------|---------|--|

## 5.0L – 5.7L

### 5.0L/305 CU IN. V8 -GL,GI,OSI,GXI,V8-270 GEN+

With crank sensor, roller lifters, fits 1997 and newer

| Part      | Exchange no | Notes                                       |
|-----------|-------------|---|
| Longblock | 3801537     | Non-compliant, Up to 2009, SN up to A116911 |
| Longblock | 3801538     | CY2010 Compliant, SN A116912-A1158992       |
| Longblock | 3801539     | CY2011 Compliant, SN A159408-A196578        |
| Longblock | 3801540     | CY2012 Compliant, SN A196579-A214215        |
| Longblock | 3801541     | CY2013 Compliant, SN A214216-A302405        |
| Longblock | 3801653     | CY2014 Compliant, SN A302406-A382804        |
| Longblock | 3801655     | CY2015 Compliant, SN A382810-A510936        |

For countries outside US and Canada below part number is to be used

|           |         |
|-----------|---------|
| Longblock | 3801541 |
|-----------|---------|

### 5.3L Gen V

Aluminum engine- 2015 and newer

| Part      | Exchange no | Notes                                       |
|-----------|-------------|---|
| Longblock | 3801707     | GEN V/ CY2015 Compliant, SN A382810-A510936 |
| Longblock | 3801732     | GEN V/ CY2016 Compliant, SN A510937-A650777 |
| Longblock | 3801733     | GEN V/ CY2016 Compliant, SN A650778-A697360 |
| Longblock | 3801761     | GEN V/ CY2017 Compliant, SN A697361-A863097 |
| Longblock | 3801775     | GEN V/ CY2018 Compliant, SN A863098-        |

For countries outside US and Canada below part number is to be used

|           |         |
|-----------|---------|
| Longblock | 3801707 |
|-----------|---------|

### 5.7L-LO/350CU IN. V8 GEN+

Vortex heads, with crank sensor, fits 1996 and newer

| Part      | Exchange no | Notes                                       |
|-----------|-------------|---|
| Longblock | 3801527     | Non-compliant, Up to 2009, SN up to A116911 |
| Longblock | 3801528     | CY2010 Compliant, SN A116912-A1158992       |
| Longblock | 3801522     | CY2011 Compliant, SN A159408-A196578        |
| Longblock | 3801523     | CY2012 Compliant, SN A196579-A214215        |
| Longblock | 3801544     | CY2013 Compliant, SN A214216-A302405        |
| Longblock | 3801622     | CY2014 Compliant, SN A302406-A382804        |
| Longblock | 3801656     | CY2015 Compliant, SN A382810-A510936        |

For countries outside US and Canada below part number is to be used

|           |         |
|-----------|---------|
| Longblock | 3801527 |
|-----------|---------|

### 5.7L-HO/350CU IN. V8 GEN+

Vortex cyl heads with roller lifters, roller rocker arms, crank sensor, fits 1999 and newer

| Part      | Exchange no | Notes                                       |
|-----------|-------------|---|
| Longblock | 3801529     | Non-compliant, Up to 2009, SN up to A116911 |
| Longblock | 3801530     | CY2010 Compliant, SN A116912-A1158992       |
| Longblock | 3801524     | CY2011 Compliant, SN A159408-A196578        |
| Longblock | 3801525     | CY2012 Compliant, SN A196579-A214215        |
| Longblock | 3801542     | CY2013 Compliant, SN A214216-A302405        |
| Longblock | 3801623     | CY2014 Compliant, SN A302406-A382804        |
| Longblock | 3801657     | CY2015 Compliant, SN A382810-A510936        |

For countries outside US and Canada below part number is to be used

|           |         |
|-----------|---------|
| Longblock | 3801529 |
|-----------|---------|

# 8.1L

## V8-350/380

Aluminum engine- 2012 and newer

| Part      | Exchange no | Notes                                |
|-----------|-------------|--------------------------------------|
| Longblock | 3801670     | CY2012 Compliant, SN A196579-A227420 |
| Longblock | 3801671     | CY2013 Compliant, SN A227421-A302405 |
| Longblock | 3801672     | CY2014 Compliant, SN A302406-A382804 |
| Longblock | 3801673     | CY2015 Compliant, SN A382810-A510936 |
| Longblock | 3801730     | CY2016 Compliant, SN A510937-A697360 |

**For countries outside US and Canada below part number is to be used**

|           |         |
|-----------|---------|
| Longblock | 3801730 |
|-----------|---------|

## V8-430

Aluminum engine- 2013 and newer

| Part      | Exchange no | Notes                                |
|-----------|-------------|--------------------------------------|
| Longblock | 3801674     | CY2013 Compliant, SN A227421-A302405 |
| Longblock | 3801675     | CY2014 Compliant, SN A302406-A382804 |
| Longblock | 3801676     | CY2015 Compliant, SN A382810-A510936 |
| Longblock | 3801731     | CY2016 Compliant, SN A510937-A697360 |
| Longblock | 3801762     | CY2017 Compliant, SN A697361-A863097 |
| Longblock | 3801776     | CY2018 Compliant, SN A863098-        |

**For countries outside US and Canada below part number is to be used**

|           |         |
|-----------|---------|
| Longblock | 3801776 |
|-----------|---------|

## 8.1L-LO/496 CU IN. V8- G1,OSI, GEN+

Vortex cyl heads with roller lifters, roller rocker arms, crank sensor, fits 2001 and newer

| Part      | Exchange no | Notes                                     |
|-----------|-------------|---|
| Longblock | 3801458     | 2001-2009 Non-compliant, up to SN A116911 |
| Longblock | 3801459     | CY2011 Compliant, SN A159408-A196578      |
| Longblock | 3801521     | CY2012 Compliant, SN A196579-A227420      |

**For countries outside US and Canada below part number is to be used**

|           |         |
|-----------|---------|
| Longblock | 3801458 |
|-----------|---------|

## 8.1L-HO/496 CU IN.V8-GSI, GXI, GEN+

Vortex cyl heads with roller lifters, roller rocker arms, crank sensor, fits 2001 and newer

| Part      | Exchange no | Notes   |
|-----------|-------------|---|
| Longblock | 3801457     | Non-compliant, Up to 2010, SN A116912-A158992 |

**For countries outside US and Canada below part number is to be used**

|           |         |
|-----------|---------|
| Longblock | 3801457 |
|-----------|---------|

Exchange components

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# VE D5

## TAD520VE Tier2

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3803988     |       |
| Injector/UI     | 3803958     |       |
| Turbocharger    | 3802191     |       |
| Circulationpump | N/A         |       |

## TAD540VE TAD541VE TAD542VE

| Part                     | Exchange no | Notes |
|--------------------------|-------------|-------|
| Longblock                | N/A         |       |
| Shortblock               | 3801666     |       |
| Cylinder head            | 3801612     |       |
| Injector/UI              | 3801627     |       |
| Turbocharger, low outlet | 3801690     |       |
| Circulationpump          | 3801758     |       |

## TAD550VE TAD551VE TAD552VE

| Part            | Exchange no | Notes    |
|-----------------|-------------|----------|
| Longblock       | N/A         |          |
| Shortblock      | 3801666     |          |
| Cylinder head   | 3801612     |          |
| Injector/UI     | 3801627     |          |
| Injector/UI     | 3801661     | TAD552VE |
| Turbocharger    | 3801690     |          |
| Turbocharger    | 3801691     | TAD552VE |
| Circulationpump | 3801758     |          |

## TAD560VE / TAD561VE Tier2

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801446     |       |
| Injector/UI     | 3801246     |       |
| Turbocharger    | 3801447     |       |
| Circulationpump | 3801244     |       |

## TAD570VE TAD571VE TAD572VE

| Part                      | Exchange no | Notes |
|---------------------------|-------------|-------|
| Longblock                 | N/A         |       |
| Shortblock                | 3801743     |       |
| Cylinder head             | 3801612     |       |
| Injector/UI               | 3801624     |       |
| Turbocharger, low outlet  | 3801737     |       |
| Turbocharger, high outlet | 3801642     |       |
| Circulationpump           | 3801758     |       |

# VE D6

## TAD650VE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Engine          | 3801476     |       |
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801356     |       |
| Injector/UI     | 3803976     |       |
| Turbocharger    | 3801140     |       |
| Circulationpump | N/A         |       |

## TAD660VE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Engine          | 3801477     |       |
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3803974     |       |
| Injector/UI     | 3803976     |       |
| Turbocharger    | 3801140     |       |
| Circulationpump | N/A         |       |

# VE D7

## TAD720VE / TAD721VE Tier2

| Part            | Exchange no | Notes              |
|-----------------|-------------|--------------------|
| Longblock       | N/A         |                    |
| Shortblock      | N/A         |                    |
| Cylinder head   | 3803664     | With glow plugs    |
| Cylinder head   | 3801430     | Without glow plugs |
| Injector/UI     | 3803948     |                    |
| Turbocharger    | 3802178     |                    |
| Circulationpump | N/A         |                    |

## TAD722VE Tier2

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801430     |       |
| Injector/UI     | 3803948     |       |
| Turbocharger    | 3802178     |       |
| Circulationpump | N/A         |       |

## TAD750VE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Engine          | 3801478     |       |
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3803975     |       |
| Injector/UI     | 3803977     |       |
| Turbocharger    | 3801533     |       |
| Circulationpump | N/A         |       |

## TAD760VE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Engine          | 3801479     |       |
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3803975     |       |
| Injector/UI     | 3803977     |       |
| Turbocharger    | 3801533     |       |
| Circulationpump | N/A         |       |

## TAD761VE / TAD762VE / TAD763VE / TAD764VE / TAD765VE

| Part            | Exchange no | Notes                         |
|-----------------|-------------|-------------------------------|
| Engine          | 3801584     | TAD762VE, See EPC for details |
| Longblock       | N/A         |                               |
| Shortblock      | N/A         |                               |
| Cylinder head   | 3801237     |                               |
| Injector/UI     | 3801246     |                               |
| Turbocharger    | 3801460     |                               |
| Circulationpump | 3801244     |                               |

# VE D8

## TAD840VE TAD841VE TAD842VE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | 3801667     |       |
| Cylinder head   | 3801684     |       |
| Injector/UI     | 3801627     |       |
| Turbocharger    | 3801631     |       |
| Circulationpump | 3801758     |       |

## TAD850VE TAD851VE TAD852VE

| Part            | Exchange no | Notes    |
|-----------------|-------------|----------|
| Longblock       | N/A         |          |
| Shortblock      | 3801667     |          |
| Cylinder head   | 3801684     |          |
| Injector/UI     | 3801627     |          |
| Injector/UI     | 3801661     | TAD853VE |
| Turbocharger    | 3801631     |          |
| Turbocharger    | 3801692     | TAD853VE |
| Circulationpump | 3801758     |          |

## TAD870VE / TAD871VE / TAD872VE

| Part            | Exchange no | Notes       |
|-----------------|-------------|-------------|
| Longblock       | N/A         |             |
| Shortblock      | 3801744     |             |
| Cylinder head   | 3801684     |             |
| Injector/UI     | 3801624     |             |
| Turbocharger    | 3801642     | High outlet |
| Circulationpump | 3801758     |             |

# VE D9

## TAD940VE / TAD941VE

| Part            | Exchange no | Notes    |
|-----------------|-------------|----------|
| Engine          | 3801591     | TAD941VE |
| Longblock       | 3801502     |          |
| Shortblock      | N/A         |          |
| Cylinder head   | 3801427     |          |
| Injector/UI     | 3803874     |          |
| Turbocharger    | 3801679     |          |
| Circulationpump | 3803930     |          |

## TAD942VE / TAD943VE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801502     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801427     |       |
| Injector/UI     | 3801437     |       |
| Turbocharger    | 3801679     |       |
| Circulationpump | 3803930     |       |

## TAD950VE / TAD951VE / TAD952VE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801503     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801428     |       |
| Injector/UI     | 3801750     |       |
| Turbocharger    | 3801118     |       |
| Circulationpump | 3803930     |       |

# VE D11

## TAD1140VE TAD1141VE TAD1142VE

| Part            | Exchange no | Notes        |
|-----------------|-------------|--------------|
| Longblock       | 3801620     | Without VCB  |
| Shortblock      | N/A         |              |
| Cylinder head   | 3801586     |              |
| Injector/UI     | 3801617     |              |
| Turbocharger    | 3801559     | Low mounted  |
| Turbocharger    | 3801560     | High mounted |
| Circulationpump | 3801589     |              |

## TAD1150VE TAD1151VE TAD1152VE

| Part            | Exchange no | Notes        |
|-----------------|-------------|--------------|
| Longblock       | 3801620     | Without VCB  |
| Shortblock      | N/A         |              |
| Cylinder head   | 3801586     |              |
| Injector/UI     | 3801617     |              |
| Turbocharger    | 3801559     | Low mounted  |
| Turbocharger    | 3801560     | High mounted |
| Circulationpump | 3801589     |              |

## TAD1170VE / TAD1171VE / TAD1172VE

| Part            | Exchange no | Notes        |
|-----------------|-------------|--------------|
| Longblock       | 3801620     | Without VCB  |
| Shortblock      | N/A         |              |
| Cylinder head   | 3801586     |              |
| Injector/UI     | 3801562     |              |
| Turbocharger    | 3801559     | Low mounted  |
| Turbocharger    | 3801560     | High mounted |
| Circulationpump | 3801589     |              |

# VE D12

## TWD120VE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801111     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3803667     |       |
| Injector/UI     | 3803568     |       |
| Turbocharger    | 3802134     |       |
| Circulationpump | 3803909     |       |

## TAD1241VE / TAD1242VE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801111     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3803667     |       |
| Injector/UI     | 3803569     |       |
| Turbocharger    | 3802135     |       |
| Circulationpump | 3803909     |       |

## TAD1250VE / TAD1251VE / TAD1252VE

| Part            | Exchange no | Notes   |
|-----------------|-------------|---|
| Engine          | 3801535     | TAD1251VE Aluminium oil sump and closed front end timing gear housing |
| Longblock       | 3801425     |   |
| Shortblock      | N/A         |   |
| Cylinder head   | 3803924     |   |
| Injector/UI     | 3801403     |   |
| Turbocharger    | 3802154     |   |
| Circulationpump | 3803909     |   |

# VE D13

## TAD1340VE / TAD1341VE / TAD1342VE / TAD1343VE / TAD1344VE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801505     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801571     |       |
| Injector/UI     | 3801368     |       |
| Turbocharger    | 3801470     |       |
| Circulationpump | N/A         |       |

## TAD1345VE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801506     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801571     |       |
| Injector/UI     | 3801369     |       |
| Turbocharger    | 3801266     |       |
| Circulationpump | N/A         |       |

## TAD1350VE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801571     |       |
| Injector/UI     | 3801368     |       |
| Turbocharger    | 3801470     |       |
| Circulationpump | N/A         |       |

## TAD1351VE / TAD1352VE / TAD1353VE

| Part            | Exchange no | Notes       |
|-----------------|-------------|-------------|
| Longblock       | 3801633     | Without VCB |
| Shortblock      | N/A         |             |
| Cylinder head   | 3801571     |             |
| Injector/UI     | 3801618     |             |
| Turbocharger    | 3801536     |             |
| Circulationpump | 3801741     |             |



# VE D13

## TAD1360VE / TAD1361VE / TAD1362VE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801507     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801571     |       |
| Injector/UI     | 3801391     |       |
| Turbocharger    | 3801373     |       |
| Circulationpump | N/A         |       |

## TAD1363VE / TAD1364VE / TAD1365VE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801507     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801571     |       |
| Injector/UI     | 3801469     |       |
| Turbocharger    | 3801373     |       |
| Circulationpump | N/A         |       |

## TAD1371VE / TAD1372VE / TAD1373VE / TAD1374VE / TAD1375VE

| Part            | Exchange no | Notes       |
|-----------------|-------------|-------------|
| Longblock       | 3801665     | Without VCB |
| Shortblock      | N/A         |             |
| Cylinder head   | 3801571     | Without VCB |
| Cylinder head   | 3801572     | Without VCB |
| Injector/UI     | 3801469     |             |
| Turbocharger    | 3801536     |             |
| Circulationpump | 3801604     |             |

# VE D16

## TAD1641VE / TAD1642VE SN -2016010024

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801513     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801605     |       |
| Injector/UI     | 3803638     |       |
| Turbocharger    | 3802140     |       |
| Circulationpump | N/A         |       |

## TAD1641VE / TAD1642VE SN 2016010025-

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801513     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801395     |       |
| Injector/UI     | 3803638     |       |
| Turbocharger    | 3802140     |       |
| Circulationpump | N/A         |       |

## TAD1643VE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801513     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801395     |       |
| Injector/UI     | 3803637     |       |
| Turbocharger    | 3801390     |       |
| Circulationpump | N/A         |       |

## TAD1643VE-B

| Part            | Exchange no | Notes       |
|-----------------|-------------|-------------|
| Longblock       |             |             |
| Shortblock      | N/A         |             |
| Cylinder head   | 3801605     | Without VCB |
| Cylinder head   | 3801606     | With VCB    |
| Injector/UI     | 3801371     |             |
| Turbocharger    | 3801669     |             |
| Circulationpump | N/A         |             |

# VE D16

## TAD1650VE-B / TAD1651VE

| Part            | Exchange no | Notes       |
|-----------------|-------------|-------------|
| Longblock       | 3801688     | Without VCB |
| Shortblock      | N/A         |             |
| Cylinder head   | 3801606     |             |
| Injector/UI     | 3801652     |             |
| Turbocharger    | 3801625     |             |
| Circulationpump | N/A         |             |

## TAD1650VE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801514     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801357     |       |
| Injector/UI     | 3801263     |       |
| Turbocharger    | 3801677     |       |
| Circulationpump | N/A         |       |

## TAD1660VE / TAD1661VE / TAD1662VE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801515     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801605     |       |
| Injector/UI     | 3801396     |       |
| Turbocharger    | 3801421     |       |
| Circulationpump |             |       |

## TAD1670VE / TAD1671VE / TAD1672VE

| Part            | Exchange no | Notes       |
|-----------------|-------------|-------------|
| Longblock       | 3801687     |             |
| Shortblock      | N/A         |             |
| Cylinder head   | 3801605     | Without VCB |
| Injector/UI     | 3801396     |             |
| Turbocharger    | 3801421     |             |
| Circulationpump | N/A         |             |

## Exchange components

# GE INDUSTRIAL

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# GE D5

## TAD520GE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3803988     |       |
| Injector/UI     | 3803948     |       |
| Turbocharger    | 3802191     |       |
| Circulationpump | 3801578     |       |

## TAD550GE / TAD551GE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801436     |       |
| Injector/UI     | 3803977     |       |
| Turbocharger    | 3801245     |       |
| Circulationpump | 3801578     |       |

# GE D7

## TAD720GE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3803664     |       |
| Injector/UI     | 3803948     |       |
| Turbocharger    | 3802178     |       |
| Circulationpump | 3801578     |       |

## TAD721GE / TAD722GE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3803965     |       |
| Injector/UI     | 3803948     |       |
| Turbocharger    | 3802178     |       |
| Circulationpump | N/A         |       |

## TAD750GE / TAD751GE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3803975     |       |
| Injector/UI     | 3803977     |       |
| Turbocharger    | 3801533     |       |
| Circulationpump | N/A         |       |

## TAD752GE / TAD753GE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801588     |       |
| Injector/UI     | 3801246     |       |
| Turbocharger    | 3801468     |       |
| Circulationpump | 3801577     |       |

## TAD754GE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | N/A         |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801588     |       |
| Injector/UI     | 3801246     |       |
| Turbocharger    | 3801163     |       |
| Circulationpump | 3801577     |       |

# GE D9

## TAD940GE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801502     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801389     |       |
| Injector/UI     | 3801437     |       |
| Turbocharger    | 3801679     |       |
| Circulationpump | 3803930     |       |

## TAD941GE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801504     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801426     |       |
| Injector/UI     | 3801440     |       |
| Turbocharger    | 3802156     |       |
| Circulationpump | 3803930     |       |

# GE D12

## TAD1240GE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801111     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3803667     |       |
| Injector/UI     | 3803568     |       |
| Turbocharger    | 3802135     |       |
| Circulationpump | 3803909     |       |

## TAD1241GE / TAD1242GE SN -2012347268

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801101     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3803667     |       |
| Injector/UI     | 3801293     |       |
| Turbocharger    | 3801558     |       |
| Circulationpump | 3803909     |       |

## TAD1241GE / TAD1242GE SN 2012347269-

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801101     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3803667     |       |
| Injector/UI     | 3801293     |       |
| Turbocharger    | 3801558     |       |
| Circulationpump | 3803909     |       |



# GE D13

## TAD1341GE / TAD1342GE / TAD1343GE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801505     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801375     |       |
| Injector/UI     | 3801368     |       |
| Turbocharger    | 3801235     |       |
| Circulationpump | N/A         |       |

## TAD1344GE / TAD1345GE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801506     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801375     |       |
| Injector/UI     | 3801369     |       |
| Turbocharger    | 3801266     |       |
| Circulationpump | N/A         |       |

## TAD1350GE / TAD1351GE / TAD1352GE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801510     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801375     |       |
| Injector/UI     | 3801368     |       |
| Turbocharger    | 3801235     |       |
| Circulationpump | N/A         |       |

## TAD1353GE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801511     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801375     |       |
| Injector/UI     | 3801369     |       |
| Turbocharger    | 3801266     |       |
| Circulationpump | N/A         |       |

## TAD1354GE / TAD1355GE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801510     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801375     |       |
| Injector/UI     | 3801368     |       |
| Turbocharger    | 3801235     |       |
| Circulationpump | N/A         |       |

# GE D16

## TAD1640GE SN -2016010024

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801513     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801395     |       |
| Injector/UI     | 3803638     |       |
| Turbocharger    | 3802140     |       |
| Circulationpump | 3801418     |       |

## TAD1640GE SN 2016010025-

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801513     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801394     |       |
| Injector/UI     | 3803638     |       |
| Turbocharger    | 3802140     |       |
| Circulationpump | 3801418     |       |

## TAD1641GE / TAD1642GE SN -2016010024

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801517     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801395     |       |
| Injector/UI     | 3803637     |       |
| Turbocharger    | 3802141     |       |
| Circulationpump | 3801418     |       |

## TAD1641GE / TAD1642GE SN 2016010025-

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801517     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801394     |       |
| Injector/UI     | 3803637     |       |
| Turbocharger    | 3802141     |       |
| Circulationpump | 3801418     |       |

## TWD1643GE

| Part            | Exchange no | Notes         |
|-----------------|-------------|---------------|
| Longblock       | 3801519     |               |
| Shortblock      | N/A         |               |
| Cylinder head   | 3801394     |               |
| Injector/UI     | 3801144     |               |
| Turbocharger    | 3801142     | High pressure |
| Turbocharger    | 3801141     | Low pressure  |
| Circulationpump | 3801418     |               |

# GE D16

## TAD1650GE / TAD1651GE

| Part            | Exchange no | Notes |
|-----------------|-------------|-------|
| Longblock       | 3801518     |       |
| Shortblock      | N/A         |       |
| Cylinder head   | 3801394     |       |
| Injector/UI     | 3801263     |       |
| Turbocharger    | 3801406     |       |
| Circulationpump | 3801418     |       |

## TWD1663GE

| Part            | Exchange no | Notes         |
|-----------------|-------------|---------------|
| Longblock       | N/A         |               |
| Shortblock      | N/A         |               |
| Cylinder head   | 3801394     |               |
| Injector/UI     | 3801144     |               |
| Turbocharger    | 3801142     | High pressure |
| Turbocharger    | 3801141     | Low pressure  |
| Circulationpump | 3801418     |               |

## Marine – older engines

Exchange components

# MARINE OLDER ENGINES

|                  | PAGE |
|------------------|------|
| Cylinder head    | 61   |
| Injection pump   | 62   |
| Injector         | 63   |
| Turbocharger     | 64   |
| Circulation pump | 65   |

# Marine – older engines

## Cylinder heads, marine engines

| Engine   | Exchange no | Notes                     |
|--|-------------|---------------------------|
| 2001 CE  | 3803160     | Not for spec. no. 868231. |
| 2003 CE  | 3803162     | Not for spec. no. 868233. |
| 2003T CE   | 3803163     |                           |
| MD22L-B  | 3803317     |                           |
| MD22P-B, TMD22P-B  | 3803318     |                           |
| TAMD22P-B  | 3803319     |                           |
| AQAD30, MD30, TAMD30, TMD30  | 3803023     |                           |
| AD31, AQAD31, MD31, TAMD31, TMD31  | 3803306     |                           |
| AD31D, AD31L-A, AD31XD, TAMD31D, TAMD31L, TAMD31M, TMD31D                  | 3803306     |                           |
| AD31P, KAD32P, TAMD31P   | 3803306     |                           |
| AD41A, AQAD41A, AQD41A, D41A, TAMD41A, TMD41A                              | 3803308     |                           |
| AD41D, D41D, KAD43P, KAMD43P, TAMD41D, TAMD41H, TAMD41M, TAMD41P-B, TMD41D | 3803308     |                           |
| TAMD41B, TMD41B  | 3803308     |                           |
| KAD42A, KAD42B, KAMD42A, KAMD42B, TAMD42B                                  | 3803308     |                           |
| KAD44P, KAMD44P  | 3801641     |                           |
| KAD300, KAMD300  | 3801641     |                           |
| D5A-A T, D5A-A TA, D5A T-A, D5A TA-A                                       | 3803988     |                           |
| TAMD61A, TAMD62A   | 3803099     |                           |
| TAMD63L, TAMD63P   | 3803312     |                           |
| AQD70B, TAMD70B  | 3803031     |                           |
| AQD70C, TAMD70C  | 3803032     |                           |
| AQD70D, TAMD70D, TAMD70E   | 3803033     |                           |
| MD70B, TMD70B  | 3803031     |                           |
| MD70C  | 3803034     |                           |
| TMD70C   | 3803035     |                           |
| TAMD71A, TAMD71B   | 3803311     |                           |
| TAMD72 EDC, TAMD72A, TAMD72WJ  | 3803310     |                           |
| TAMD73P-A, TAMD73WJ-A  | 3803310     |                           |
| TAMD74C-A, TAMD74L-A, TAMD74P-A  | 3803525     |                           |
| D7A T-A, D7A TA-A, D7C TA-A  | 3803664     |                           |
| MD100A, TMD100A  | 3803037     |                           |
| MD120A, TAMD120A, TMD120A  | 3803040     |                           |
| TMD100C, TMD102A   | 3803039     |                           |
| TAMD102A, TAMD102D   | 3803313     |                           |
| TAMD103A   | 3803500     |                           |
| TAMD120B, TAMD121C, TMD120B, TMD121C                                       | 3803041     |                           |
| TAMD122A, TAMD122C, TAMD122D, TMD122A                                      | 3803314     |                           |
| TAMD162A, TAMD162A-B, TAMD162B, TAMD162C, TID162AP, TWD162C                | 3803148     |                           |
| TAMD1623, TAMD1641AE-IFN, TAMD165P-A                                       | 3803315     |                           |

# Marine – older engines

## Injector pump, marine diesel engines

| Engine   | Exchange no | Notes             |
|--|-------------|-------------------|
| D5A-T, D5A-TA, D5A-T GEN, D5A-TA GEN, D7A-T, D7A-TA, D7C-TA, D7A-T GEN, D7A-TA GEN, D7C-TA GEN | 3803967     |                   |
| TAMD61A  | 3803773     |                   |
| TAMD63L  | 3803783     |                   |
| TAMD63L  | 3803794     | SNXXXX/171159-    |
| TAMD63L, 173 kW/2500 rpm   | 3803830     |                   |
| TAMD63P-A  | 3803793     |                   |
| TAMD71A  | 3803764     |                   |
| TAMD71B  | 3803771     |                   |
| TAMD72A  | 3803779     |                   |
| TAMD72WJ, TAMD73WJ-A   | 3803782     |                   |
| TAMD74/75  | 3803801     |                   |
| TAMD74A  | 3803780     | SN-XXXXXX/183028  |
| TAMD74A, 175 kW/1800 rpm   | 3803811     |                   |
| TAMD74A-A, TAMD74A-B, 150 kW/1500 rpm  | 3803810     |                   |
| TAMD74A-A, TAMD74A-B, 154 kW/1800 rpm  | 3803809     |                   |
| TAMD74A-A, TAMD74A-B, 160 kW/2000 rpm  | 3803807     |                   |
| TAMD74A-A, TAMD74A-B, 184 kW/2100 rpm  | 3803806     |                   |
| TAMD74A-A, TAMD74A-B, 210 kW/2200 rpm  | 3803800     |                   |
| TAMD74A-B, 275 kW/2200 rpm   | 3803805     |                   |
| TAMD74P  | 3803791     |                   |
| TAMD75P-A  | 3803829     |                   |
| TMD102A, TMD122A   | 3803778     | Actuator GAC 275H |
| TAMD102D   | 3803788     |                   |
| TAMD103A   | 3803758     |                   |
| TAMD103A, 199 kW/1800 rpm  | 3803797     |                   |
| TAMD103A, 225 kW/1500 rpm  | 3803798     |                   |
| TAMD103A, 255 kW/1800 rpm  | 3803796     |                   |
| TAMD103A, 280 kW/1800 rpm  | 3803799     |                   |
| TAMD103A, 287 kW/1800 rpm  | 3803795     |                   |
| TMD122A, TAMD122A, TAMD122P  | 3803769     |                   |
| TAMD122A   | 3803802     |                   |
| TAMD122A HD  | 3803789     |                   |
| TAMD122P-A   | 3803781     | Fuelpump 866737   |
| TAMD122P-A   | 3803786     | Fuelpump 3830918  |
| TAMD122P-A, 247 kW/1500 rpm  | 3803814     |                   |
| TAMD122P-A, 280 kW/1800 rpm  | 3803812     |                   |
| TAMD122P-A, 280 kW/1800 rpm  | 3803815     |                   |
| TAMD122P-A, 294 kW/1900 rpm  | 3803813     |                   |
| TAMD162A, TAMD162B, TAMD162C, TAMD162C-B   | 3803767     |                   |
| TAMD162A, TAMD162B, TAMD162C, TAMD162C-B   | 3803770     |                   |
| TAMD162A, TAMD162B, TAMD162C, TAMD162C-B, TID162AG, TID162AGP, TID162APB                       | 3803768     |                   |
| TMD162C  | 3803775     | Fuelpump 864988   |
| TMD162C  | 3803776     | Fuelpump 865277   |
| TAMD162C   | 3803804     |                   |
| TAMD162C-C   | 3803784     |                   |
| TAMD162C-C   | 3803785     |                   |
| TAMD162C-C   | 3803803     |                   |
| TAMD165A, 370 kW   | 3803866     |                   |
| TAMD165A, 380 kW   | 3803864     |                   |
| TAMD165A, 397 kW   | 3803862     |                   |
| TAMD165A, 404 kW   | 3803860     |                   |
| TAMD165A, 413 kW   | 3803867     |                   |
| TAMD165A, 426 kW   | 3803863     |                   |
| TAMD165A, 428 kW   | 3803865     |                   |
| TAMD165A, 441 kW   | 3803861     |                   |
| TAMD165C, 350 kW   | 3803858     |                   |
| TAMD165C, 375 kW   | 3803857     |                   |
| TAMD165C, 380 kW   | 3803859     |                   |
| TAMD165P, 500 kW   | 3803828     |                   |
| TAMD165P, 551 kW   | 3803827     |                   |

# Marine – older engines

## Injector, marine diesel engines

| Engine  | Exchange no | Notes  |
|---|-------------|--|
| MD11C, MD11D, MD17C, MD17D  | 3803229     | MD11C (SN 50989) MD17C (SN 16622)                                      |
| MD22L-A   | 3803292     |  |
| MD22P-B   | 3803293     |  |
| TAMD22P   | 3803295     |  |
| TMD22P  | 3803294     |  |
| 2001, 2002, 2003, 2003-SOLAS  | 3803232     | 2001 (not for engine 868231)2002 (not for engine 868232)               |
| 2002B, 2003B, 2003B-SOLAS   | 3803237     |  |
| 2003T   | 3803233     |  |
| MD2010, MD2020  | 3803928     |  |
| MD2010A, MD2020A  | 3803440     |  |
| MD2010D, MD2020D  | 3803440     |  |
| MD2030A   | 3803441     |  |
| AQAD30A, AQAD40A, AQAD40B, AQD40A, MD30A, MD40A, TAM-D30A, TAMD40A, TAMD40B, TMD30A, TMD40A, TMD40B, TMD40C | 3803239     |  |
| AD31A, AD41A, AQAD31A, AQAD41A, D41A, TAMD31A, TAMD31A-SOLAS  | 3803231     | TMD31A, TAMD31A, AQAD31A, AD31A, TAMD31A SOLAS (SN - 2203116853)       |
| TAMD41A, TAMD41A-SOLAS, TMD31A, TMD41A  | 3803231     | TMD41A, TAMD41A, TAMD41A SOLAS, D41A, AQAD41A, AD41A (SN - 2204141572) |
| AD31B, AD31L-A, AD41B, D41B, TAMD31B, TAMD31L-A, TAMD31M-A, TAMD41B, TAMD41P-A, TMD31B, TMD41B              | 3803235     | TAMD41P-A (SN 869053)  |
| AD31L-A, TAMD31L, TAMD31M   | 3803235     |  |
| AD31P, AD41P-A, KAD43P, KAMD43P, TAMD31P, TAMD41H, TAMD41M, TAMD41P-B                                       | 3803238     |  |
| KAD32P  | 3803238     | SN-2203201022  |
| KAD32P  | 3803372     | SN-2203201023-   |
| KAD42A, KAD42B, KAMD42B, TAMD31P-A, TAMD41P-A, TAMD42B  | 3803238     | KAD42A (SN 868597) TAMD41P-A (SN 869030, 869031, 869032, 869036)       |
| KAD42A, KAMD42A   | 3803236     | KAD42A (SN 868239, 868243, 868507, 868508)                             |
| KAD43P, TAMD44H, TAMD44M, TAMD44P   | 3803404     |  |
| KAD44P-M  | 3803373     |  |
| KAMD44P   | 3803373     |  |
| KAMD44P-B   | 3803455     | Cyl. No 1  |
| KAD300, KAMD300   | 3803540     |  |
| KAD300, KAMD300   | 3803541     | Cyl. No 1  |
| D5A T-A GEN, D7A T-A GEN, D5A T-A, D7A T-A, D5A TA-A, D7A TA-A  | 3803944     | D5A TA-A SN 991715-, D7A TA-A SN 977118-                               |
| D5A TA-A, D7A TA-A, D7C TA-A  | 3803945     | D5A TA-A SN -991714, s) D7A TA-A SN -977117                            |
| D5A-T GEN, D7A-T GEN  | 3803944     |  |
| D5A-TA GEN, D7A-TA GEN, D7C-TA  | 3803945     |  |
| TAMD61A, TAMD62A  | 3803254     |  |
| TAMD63L   | 3803510     |  |
| TAMD63L, TAMD72A  | 3803257     | (SN -XXXX171158)   |
| TAMD63P   | 3803296     |  |
| TAMD63P   | 3803931     | (SN XXXXX183029-)  |
| TAMD71A   | 3803255     |  |
| TAMD71B   | 3803256     |  |
| TAMD72A, TAMD72P EDC, TAMD72WJ-A  | 3803510     |  |
| TAMD73WJ-A  | 3803510     |  |
| TAMD74A-B   | 3803932     |  |
| TAMD74C-A, TAMD74L-A, TAMD74P-A   | 3803454     |  |
| TAMD75P-A   | 3803935     |  |
| TMD100C   | 3803243     |  |
| TAMD102A  | 3803281     |  |
| TAMD102A, TAMD102D, TMD102A   | 3803247     |  |
| TMD120B, TMD120C  | 3803246     |  |
| TAMD120B  | 3803245     |  |
| TAMD121C, TAMD121D, TAMD122C, TAMD122D, TMD122A   | 3803250     |  |
| TAMD122A  | 3803247     |  |
| TAMD122P  | 3803300     |  |
| TAMD122P-B, TAMD122P-C  | 3803301     |  |
| TAMD162A  | 3803258     |  |
| TAMD162B  | 3803586     |  |
| TAMD162C  | 3803258     | SN -1101057367   |
| TAMD162C  | 3803868     | SN 1101057368-   |

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# Marine – older engines

## cont. Injector, marine diesel engines

| Engine                             | Exchange no | Notes |
|------------------------------------|-------------|-------|
| TAMD163P                           | 3803297     |       |
| TAMD165A-A, TAMD165C-A             | 3803868     |       |
| TAMD165A-A, TAMD165C-A, TAMD165P-A | 3803868     |       |
| TAMD165P                           | 3803297     |       |
| TAMD165P, 551 kW                   | 3803827     |       |

## Turbo charger, marine diesel engines

| Engine   | Exchange no | Notes   |
|--|-------------|---|
| 2003T  | 3802053     |   |
| TAMD22/SX  | 3802092     |   |
| TMD22/SX   | 3802091     |   |
| AQAD30A, TAMD30A, TMD30A   | 3802020     |   |
| AD31A, AD31B, AD31D, AQAD31A, AQAD31B, TAMD31A, TAMD31B, TAMD31D, TMD31A, TMD31B, TMD31D     | 3802114     | Upgrade turbo for 31A, 31B and 31D. Applies only for 130 HP engine.                     |
| AD31A, AD31B, AQAD31A, AQAD31B, D31, KAD32P, TAMD31A, TAMD31B, TMD31A, TMD31B                | 3802082     | Hollow screw 969299 and 2 gaskets 11994 are required.                                   |
| TMD31L   | 3802081     |   |
| AQAD40, TAMD40   | 3802033     |   |
| AQD40, TMD40   | 3802003     |   |
| AD41A, AD41B, AQAD41A, AQAD41B, AQD41A, AQD41B, D41A, D41B, TAMD41A, TAMD41B, TMD41A, TMD41B | 3802070     | Hollow screw 969299 and 2 gaskets 11994 are required.                                   |
| AD41D, D41D, KAD42P-A, KAMD42P-A, TAMD41D, TAMD42WJ-A, TMD41D                                | 3802070     | TAMD41D (SN 868666, 868667, 868668, 868670, 868671)                                     |
| TAMD41D  | 3802082     | Hollow screw 969299 and 2 gaskets 11994 are required. SN 868672, 868674, 868675, 868673 |
| TAMD41H-A  | 3802081     |   |
| KAD42A   | 3802070     | Approved for Lake Constance (Bodensee) SN 868597  |
| KAD42B   | 3802070     | Approved for Lake Constance (Bodensee) SN 868689  |
| KAMD42A  | 3802070     | Approved for Lake Constance (Bodensee) SN 868598  |
| KAMD42A, KAMD42B   | 3802063     |   |
| KAMD42B  | 3802070     | Approved for Lake Constance (Bodensee) SN 868693  |
| KAD44P   | 3802112     |   |
| KAMD44P  | 3802105     |   |
| KAD300, KAMD300  | 3802125     |   |
| D5A T-A 1500 rpm   | 3802172     | Genset.   |
| D5A T-A 1900 rpm/72/83 kW  | 3802171     | Genset.   |
| D5A TA-A   | 3802171     |   |
| D5A T-TA, D5A T-A  | 3802173     | Genset.   |
| TAMD60A  | 3802012     | Replaced by 1 pc 3802012, 1 pc 842317.  |
| TAMD60B  | 3802012     |   |
| TAMD60C  | 3802038     |   |
| TAMD61A, TAMD62A   | 3802062     | Rubber collar 865367, pipe set 865332 are required.                                     |
| TAMD63L  | 3802097     |   |
| TAMD63P  | 3802127     |   |
| TMD70B   | 3802012     | Replaced by 1 pc 3802012, 1 pc 843976. SN83030/xxxx-                                    |
| TMD70C   | 3802012     |   |
| AQD70D, TAMD70D, TAMD70E   | 3802014     |   |
| TAMD71A, TAMD71B   | 3802062     | Rubber collar 865367, pipe set 865332 are required.                                     |
| TAMD72A  | 3802068     |   |
| TAMD72P-A, TAMD73P-A   | 3802113     |   |
| TAMD72WJ   | 3802083     |   |
| TAMD74A  | 3802192     |   |
| TAMD74C-A, TAMD74L-A, TAMD74P-A  | 3802139     |   |
| D7   | 3802175     | Genset.   |
| D7A T-A, D7A T-TA, D7C T-TA  | 3802176     |   |
| D7C T-TA 2300 rpm/195 kW   | 3802177     |   |
| TMD100C, TMD102A   | 3802021     |   |
| TAMD102A   | 3802083     |   |
| TAMD102D   | 3802100     |   |
| TMD102A  | 3803247     | Replaced by 1 pc 842067, 1 pc 836985. SN - 15085/xxxx                                   |

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# Marine – older engines

## cont. Turbo charger, marine diesel engines

| Engine                               | Exchange no | Notes   |
|--------------------------------------|-------------|---|
| TMD103A                              | 3802128     |   |
| TMD120A                              | 842067      | SN 15086/xxxx-                                      |
| TMD120B, TMD122A                     | 3802018     |   |
| TAMD121C, TAMD122A, TMD121C, TMD122A | 3802018     |   |
| TAMD122C, TAMD122D                   | 3802018     |   |
| TAMD122P, TAMD122P-B, TAMD122P-C     | 3802101     |   |
| TAMD162A, TAMD162C                   | 3802104     | Note! Only for TAMD162A power setting over 400 kW.  |
| TAMD162C                             | 3802080     | Note! Only for TAMD162C power setting below 400 kW. |
| TAMD163A                             | 3802102     |   |
| TAMD165P                             | 3802103     |   |

## Circulation pump, marine diesel engines

| Engine   | Exchange no | Notes   |
|--|-------------|---|
| AD31A, AD31B, AQAD31A, TAMD31A, TAMD31B, TMD31A, TMD31B  | 3803379     |   |
| TAMD31L, TAMD31M, TAMD31P  | 3803869     |   |
| AQAD40A, AQAD40B, AQD40A, MD40A, TAMD40A, TAMD40B, TMD40A, TMD40B, TMD40C  | 3803380     |   |
| AD41A, AD41B, AQAD41A, D41A, D41B, TAMD41A, TAMD41B, TMD41A, TMD41B  | 3803381     |   |
| AD41D, D41D, TAMD41D, TMD41D   | 3803869     | Pulley 3588383 and screw 946671 are required.   |
| TAMD41B  | 3803869     | For keel cooled engine. Pulley 3588383 and screw 946671 are required.                                       |
| TAMD41H, TAMD41M, TAMD41P-B  | 3803869     | Pulley 3588383 and screw 946671 are required.   |
| KAD42A, KAMD42A  | 3803869     |   |
| KAD42B, KAMD42B, TAMD42B   | 3803869     | Pulley 3588383 and screw 946671 are required. SN -22004208023   |
| KAD42B, KAMD42B, TAMD42B   | 3803869     | Pulley 3588385 and screw 947760 are required. SN 22004208024-   |
| KAD43P, KAMD43P  | 3803869     | Pulley 3588385 and screw 947760 are required.   |
| KAD44P, KAMD44P  | 3803869     | Pulley 3588384 and screw 947760 are required.   |
| KAD300, KAMD300  | 3803869     | Pulley 3588384 and screw 947760 are required.   |
| TAMD60A, TAMD60B, TAMD60C  | 3803215     | Pulley 2 grooves.   |
| TAMD61A  | 3803839     |   |
| TAMD63L, TAMD63P   | 3803915     |   |
| AQD70D, MD70C, TAMD70C, TAMD70D, TAMD70E   | 3803211     | Pulley 2 grooves.   |
| TAMD71A, TAMD71B   | 3803839     |   |
| TAMD72 EDC, TAMD72B  | 3803915     |   |
| TAMD73P-A, TAMD73WJ-A  | 3803915     |   |
| TAMD74C-A, TAMD74L-A, TAMD74P-A  | 3803915     |   |
| D100BHC, TD100AHC, TD100CHC  | 3803214     | For marine engines 3 pcs 955524, 3 pcs 941907, 1 pc 422171 are required.                                    |
| MD100A, MD100B, TMD100A, TMD100C   | 3803214     | For marine engines 3 pcs 955524, 3 pcs 941907, 1 pc 422171 are required.                                    |
| TAMD102A, TAMD102D, TMD102A  | 3803214     | For marine engines 3 pcs 955524, 3 pcs 941907, 1 pc 422171 are required. Pulley 2 grooves.                  |
| MD120A, TAMD120A, TAMD121C, TAMD121D, TAMD122 EDC, TAMD122A, TAMD122B, TAMD122C, TAMD122D, TAMD122P, TMD120B, TMD121C, TMD122A | 3803213     | For marine engines 3 pcs. 955524, 3 pcs. 941907, 1 pc. 422171, 1 pc. 846685 are required. Pulley 2 grooves. |
| TAD120AHC, TAD120CHC, TD120AHC, TD120BHC   | 3803213     | For marine engines 3 pcs. 955524, 3 pcs. 941907, 1 pc. 422171, 1 pc. 846685 are required. Pulley 2 grooves. |
| TAMD162A, TAMD162B   | 3803305     |   |
| TAMD162C, TAMD163A, TAMD163P   | 3803305     |   |
| TAMD165A-A, TAMD165C-A, TAMD165P-A   | 3803305     |   |

## Industrial – older engines

Exchange components

# INDUSTRIAL OLDER ENGINES

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| Engines          | 67   |
| Longblock        | 68   |
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# Industrial – older engines

## Engines, industrial engines

| Engine             | Exchange no | Notes  |
|--------------------|-------------|--|
| TWD630ME, TWD630VE | 3801085     | Turbo charger and flywheel are included.   |
| TD71A              | 3801088     | Turbo charger and flywheel are included. SN 2071078954-, 9 hole flywheel           |
| TD71AW             | 3801049     | Turbo charger and flywheel are included. SN 2071078954-, 9 hole flywheel           |
| TID71A             | 3801090     | Turbo charger and flywheel are included.   |
| TWD710V            | 3801061     | Turbo charger and flywheel are included. SN 2071078954-, 9 hole flywheel           |
| TWD1031VE          | 3801091     | Turbo charger and flywheel are included. Starter is NOT included.                  |
| TWD1230VE          | 3801073     | Turbo charger, starter and flywheel are included, SN 2120190309-, 14 hole flywheel |

# Industrial – older engines

## Longblock, industrial engines

| Engine        | Exchange no | Notes  |
|---------------|-------------|--|
| TD610M, TD61A | 3801247     |  |
| TD71A         | 3801145     | 9 holes crankshaft, See parts bulletin P-21-0-20 |
| TWD731VE      | 3801248     |  |

## Shortblock, industrial engines

| Engine                 | Exchange no | Notes              |
|------------------------|-------------|--------------------|
| TD71A, TD71ACE, TD71AW | 3801054     | 6 hole crankshaft  |
| TD100G                 | 3801057     | 10 hole crankshaft |
| TD121G-87              | 3801058     |                    |

## Cylinder head, industrial engines

| Engine  | Exchange no | Notes  |
|---|-------------|--|
| TD30A   | 3803023     |  |
| TD420VE, TAD420VE   | 3803962     |  |
| TAD520GE, TD520GE, TD520VE  | 3803988     |  |
| TAD520GE, TD520GE   | 3803988     |  |
| TD60B, TD60D, TID60D  | 3803029     |  |
| TD610G, TD610M, TD61A, TD61ACE, TD61AW, TID61, TWD610G                            | 3803099     |  |
| TAD620VE  | 3803958     |  |
| TD630ME, TD630VE, TWD630ME, TWD630VE  | 3803312     |  |
| TD640VE   | 3803551     |  |
| TD70G, TID70G   | 3803033     |  |
| TD710G, TD71A, TD71ACE, TD71AW, TID71, TWD710G, TWD710P                           | 3803311     |  |
| TD730ME, TD730VE, TWD730ME, TWD731ME, TWD731VE                                    | 3803286     |  |
| D70B, TD70B   | 3803031     |  |
| D7B   | 3803525     |  |
| TD720GE, TAD720GE, TD720VE  | 3803664     |  |
| TAD721GE, TAD722GE  | 3803965     |  |
| TAD730G, TAD730P  | 3803310     |  |
| TAD740GE  | 3803525     |  |
| TAD740VE, TWD740VE  | 3803390     |  |
| DH10A   | 3803402     |  |
| D100A, TD100A   | 3803037     |  |
| D100B   | 3803038     |  |
| TD100G, TID100K   | 3803039     |  |
| THD102  | 3803039     |  |
| TAD1030VE, TD1030ME, TD1030VE, TWD1031ME, TWD1031VE                               | 3803287     |  |
| D120A, TD120A, TD120C   | 3803040     |  |
| TD120G, TD120HP-86, TD121G, TD121K, TID120F, TID121F, TID121L                     | 3803041     | For TD121 with basic engine no. 497382 and 497384. |
| TAD1231GE, TAD1232GE, TD1210G, TD121G-87, TID121-87, TWD1210G, TWD1211G, TWD1230G | 3803314     |  |
| TID162A, TWD1620G   | 3803148     |  |
| TAD1630G, TAD1630V, TWD1630G, TWD1630V  | 3803288     |  |
| TAD1630G, TAD1630P, TAMD1623, TID162AP, TWD1630V-ICFN                             | 3803315     |  |
| TAD1631G  | 3803316     |  |

# Industrial – older engines

## Injector pump, industrial engines

| Engine   | Exchange no | Notes                                  |
|--|-------------|--|
| TAD420VE, TD420VE, TAD620VE  | 3803950     |  |
| TD520GE, TD520VE PP  | 3803515     |  |
| TAD520GE, TAD720GE, TAD721GE, TAD722GE   | 3803967     | GE - tier 1, stage 1                   |
| TAD520GE, TAD720GE, TAD721GE, TAD722GE   | 3803987     | Tier 2, stage 2                        |
| TD610M   | 3803714     |  |
| TWD610P  | 3803727     |  |
| TWD630VE   | 3803722     |  |
| TD630VE  | 3803732     |  |
| TD640VE  | 3803747     |  |
| TD71A  | 3803691     |  |
| TD71FS/FSQ   | 3803678     |  |
| TID71A-87  | 3803692     | 212 kW                                 |
| TID71A-87  | 3803731     | tier 1, stage 1                        |
| TID71AG, TID71AG-87  | 3803772     |  |
| TD710G   | 3803707     |  |
| TWD710P  | 3803739     |  |
| TWD710P, TID71AG   | 3803702     |  |
| TD720GE, TD720VE PP  | 3803515     |  |
| TD730ME  | 3803735     |  |
| TD73E  | 3803679     |  |
| TD73ES   | 3803680     |  |
| TAD730G  | 3803716     |  |
| TAD730V  | 3803717     |  |
| TWD730ME   | 3803719     |  |
| TWD731ME   | 3803737     |  |
| TAD734GE   | 3801283     |  |
| TAD740GE   | 3803746     |  |
| TWD740GE   | 3803745     |  |
| TWD740VE   | 3803744     |  |
| TAD741GE   | 3803754     |  |
| DH10A  | 3803676     |  |
| TD 100GG-87  | 3803703     |  |
| TD100G   | 3803742     |  |
| TD100HP  | 3803700     |  |
| THD100, RAIL PACK  | 3803831     |  |
| THD102K, KD  | 3803675     |  |
| THD102KB   | 3803677     |  |
| TD1010G  | 3803708     | Mechanical                             |
| TD1010G  | 3803724     | Electrical                             |
| TWD1010G   | 3803709     | 212 kW                                 |
| TWD1010G   | 3803725     |  |
| TAD1030G   | 3803749     |  |
| TAD1030P   | 3803721     |  |
| TWD1031VE, Electronic  | 3803752     |  |
| TWD1031VE, Mechanical  | 3803741     |  |
| TAD1031GE  | 3803755     |  |
| TAD1032GE  | 3803757     | VE - stage 2                           |
| TD121G-87, TWD1210/1211/1230V, TWD1230VE, TWD1231VE, TD121GP-87, TWD121P, TWD1211P, TAD1230P | 3803720     | TD121G-87 SN38632-                     |
| TD121G-87  | 3803686     | (SN-2120238631)                        |
| TD121G-87, TWD1210/1211/1230V, TWD1230VE, TWD1231VE  | 3803734     | TD121G-87 SN38632-                     |
| TD121G-87, TWD1230ME, TD121G-87, TWD1210/1211/1230V, TWD1230VE, TWD1231VE                    | 3803740     | TD121G-87 SN-38631, TD121G-87 SN38632- |
| TD121G-87, TWD1230ME, TWD1210/1211/1230V, TWD1230VE, TWD1231VE                               | 3803743     | TD121G-87 SN-38631, TWD1230ME, SN38632 |
| TWD1210G   | 3803711     |  |
| TWD1211G   | 3803748     |  |

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# Industrial – older engines

## cont. Injector pump, industrial engines

| Engine   | Exchange no | Notes |
|--|-------------|-------|
| TAD1230G   | 3803710     |       |
| TAD1230G   | 3803750     |       |
| TAD1230G   | 3803726     |       |
| TAD1230V   | 3803730     |       |
| TAD1230V   | 3803701     |       |
| TD164KAE   | 3803761     |       |
| TID162G, TID162GP, TID162AP, TID162APB, TWD1630G             | 3803728     |       |
| TWD1620G, TWD1630G, TAD1630G, TAD1630GE, TAD1631G, TAD1631GE | 3803751     |       |
| TWD1620G, TWD1630G, TAD1630G, TAD1630GE, TAD1631G, TAD1631GE | 3803759     |       |
| TWD1620G, TWD1630G, TAD1630G, TAD1630GE, TAD1631G, TAD1631GE | 3803760     |       |
| TWD1620G, TWD1630G, TAD1630G, TAD1630GE, TAD1631G, TAD1631GE | 3803713     |       |
| TWD1630P, TAD1630P, TWD1630V, TAD1630V                       | 3803729     |       |

## Injector, industrial engines

| Engine  | Exchange no | Notes  |
|---|-------------|--------|
| TD420VE   | 3803955     |        |
| TD420VE   | 3803955     |        |
| TAD420VE  | 3803964     |        |
| TAD420VE  | 3803964     |        |
| TAD420VE, TAD620VE  | 3801291     |        |
| TD520GE   | 3803513     |        |
| TD520GE, TD720GE  | 3803968     |        |
| TD520GE, TD720GE  | 3803968     | Tier 2 |
| TD520VE, TD720VE, TD520GE, TD720GE  | 3803953     | Tier 1 |
| TD520VE, TD720VE, TD520GE, TD720GE  | 3803953     | Tier 1 |
| TD520VE   | 3803652     |        |
| TAD520GE, TAD720GE, TAD721GE, TAD722GE  | 3803948     |        |
| TAD520GE, TAD720GE  | 3803945     |        |
| TAD520GE, TAD720GE  | 3803945     | Tier 1 |
| TAD530GE, TAD531GE, TAD532GE, TAD730GE, TAD731GE, TAD732GE, TAD733GE                          | 3803948     |        |
| TD610G, TD61A, TD61AG, TD61AGP, TD61AP, TD61APB, TID61AG, TID61AGP, TWD610G, TWD610P, TWD610V | 3803253     |        |
| TD610M, TD610V, TD61ACE, TD61AW   | 3803252     |        |
| TD630ME, TD630VE  | 3803273     |        |
| TWD630ME, TWD630VE  | 3803274     |        |
| TD640VE   | 3803273     |        |
| D7B   | 3803933     |        |
| TD70G, TD70G-83, TID70G   | 3803240     |        |
| TD710G, TD71A, TD71GP, TID71AG, TID71AGP, TID71AP, TID71APB, TWD710G, TWD710P, TWD71A         | 3803254     |        |
| TD71A, TD71ACE, TD71AP, TD71APB, TID71A   | 3803253     |        |
| TD71AW  | 3803252     |        |
| TD720GE   | 3803513     |        |
| TAD520GE  | 3803948     | Tier 2 |
| TAD720GE, TAD721GE, TAD722GE  | 3803948     | Tier 2 |
| TAD721VE  | 3803957     | Tier 1 |
| TD730ME, TD730VE  | 3803275     |        |
| TWD731ME, TWD731VE  | 3803276     |        |
| TAD730G   | 3803296     |        |
| TAD730G   | 3803931     |        |
| TAD730VE  | 3803277     |        |
| TAD734GE  | 3801246     |        |
| TAD734GE  | 3801246     |        |
| TWD740VE  | 3803602     |        |

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# Industrial – older engines

## cont. Injector, industrial engines

| Engine  | Exchange no | Notes |
|---|-------------|-------|
| TAD740GE, TWD740GE  | 3803510     |       |
| TAD741GE  | 3803934     |       |
| DH10A   | 3803398     |       |
| TD100G-87, TD100GG-87, TD100GGP-87, TD100HP-87, TD100HPB-87, TID100K-87, TID100KG-87, TID100KGP-87, TID100KP-87, TID100KPB-87                     | 3803243     |       |
| TD1010G, TWD1010G   | 3803243     |       |
| TAD1030GE, TAD1030VE  | 3803280     |       |
| TAD1032GE   | 3803936     |       |
| TWD1031VE   | 3803279     |       |
| TAD120BHC, TD120BHC, TD120BRC, TID120FG, TID120FPP, TID121K, TID121K-87, TID121KG, TID121KG-87, TID121KGP-87, TID121KP, TID121KP-87, TID121KPB-87 | 3803245     |       |
| TAD120CHC, TD120G, TD120GG  | 3803246     |       |
| TID121L-87, TID121LG, TID121LG-87, TID121LGP-87, TID121LP, TID121LP-87, TID121LPB-87, TWD1210G, TWD1210P, TWD1211G, TWD1211P                      | 3803251     |       |
| TD1210G   | 3803245     |       |
| TAD121CHC   | 3802018     |       |
| TAD121CHC   | 3803250     |       |
| TD121CHC, TD121CRC  | 3803245     |       |
| TD100CHC, TD100CRC  | 3803243     |       |
| TWD1210V, TWD1211V  | 3803251     |       |
| TWD1230VE, TWD1231VE  | 3803281     |       |
| TAD1230G, TAD1230V  | 3803282     |       |
| TAD1231GE, TAD1232GE  | 3803371     |       |
| TID162AG, TID162AP, TWD1620G  | 3803258     |       |
| TAD1630GE, TAD1630V, TWD1630G, TWD1630V   | 3803283     |       |
| TAD1631GE   | 3803297     |       |

## Turbo chargers, industrial engines

| Engine                                 | Exchange no | Notes                    |
|--|-------------|--------------------------|
| TD420VE                                | 3802186     |                          |
| TAD420VE                               | 3802185     |                          |
| TD520GE                                | 3802130     |                          |
| TAD520GE                               | 3802131     | Tier 1                   |
| TAD520GE                               | 3802191     | Tier 2                   |
| TAD520VE, TAD720VE, TAD721VE, TAD722VE | 3802181     | Tier 1, Low installation |
| TD610M, TD610V                         | 3802067     |                          |
| TD61A, TD61ACE                         | 3802049     |                          |
| TD61AW                                 | 3802047     |                          |
| TWD610V                                | 3802084     |                          |
| TWD630ME, TWD630VE                     | 3802072     |                          |
| TAD620VE                               | 3802184     |                          |
| TD630ME, TD630VE, TWD610G              | 3802074     |                          |
| TD640VE                                | 3802122     |                          |
| D7B                                    | 3802129     |                          |
| TD70G                                  | 3802013     |                          |
| TID70G                                 | 3802040     |                          |
| TID71A, TID71AG, TID71APB              | 3802069     | SN xxxxxxxx/16449-       |
| TD71A, TD71ACE, TD71AG                 | 3802049     |                          |
| TD71AW                                 | 3802050     |                          |
| TWD71A                                 | 3802085     |                          |
| TD710G                                 | 3802093     |                          |
| TWD710G                                | 3802069     |                          |
| TD720GE                                | 3802132     | High installation        |
| TAD720GE                               | 3802133     | Tier 1                   |

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# Industrial – older engines

## cont. Turbo chargers, industrial engines

| Engine   | Exchange no | Notes  |
|--|-------------|--------|
| TAD720GE, TAD721GE, TAD722GE   | 3802178     | Tier 2 |
| TAD720VE, TD520VE PP   | 3802179     |        |
| TAD721VE NO EDC  | 3802180     |        |
| TAD722VE   | 3802189     |        |
| TAD722VE   | 3802190     |        |
| TAD730G, TAD730VE  | 3802079     |        |
| TD730ME, TD730VE   | 3802075     |        |
| TD73E, TD73ES  | 3802106     |        |
| TWD731VE   | 3802076     |        |
| TAD734GE   | 3801163     |        |
| TWD740GE   | 3802120     |        |
| TWD740VE   | 3802137     |        |
| TAD740GE   | 3802121     |        |
| TD100A   | 3802004     |        |
| TID100K, TID100KG, TWD1010G  | 3802017     |        |
| TD100G, TD100GG, TD1010G, TWD1010G                                     | 3802017     |        |
| THD102KB   | 3802118     |        |
| THD102KD   | 3802109     |        |
| TD1030ME, TD1030VE   | 3802077     |        |
| TAD1030GE, TAD1030VE   | 3802087     |        |
| TWD1031VE  | 3802086     |        |
| TAD1032GE  | 3802193     |        |
| TD120AG, TD120C  | 3802044     |        |
| TD120G, TD120GG  | 3802044     |        |
| TID121F, TID121FG  | 3802071     |        |
| TID121L-87, TID121LG, TID121LG-87, TID121LGP-87, TID121LP-87, TWD1210G | 3802073     |        |
| TD1210G, TD121G  | 3802066     |        |
| TD121G, TD121GG  | 3802044     |        |
| TWD1210G   | 3802073     |        |
| TWD1210V, TWD1211G, TWD1211V   | 3802088     |        |
| TWD1231VE  | 3802138     |        |
| TAD1230G, TAD1230V, TAD1231GE, TAD1232GE                               | 3802089     |        |
| TID162, TWD1620G, TWD1630P, TWD1630V                                   | 3802055     |        |
| TAD1630GE  | 3802095     |        |
| TAD1630V   | 3802090     |        |
| TWD1630G   | 3802094     |        |
| TAD1631GE  | 3802096     |        |



# Industrial – older engines

## Circulation pump, industrial engines

| Engine   | Exchange no | Notes |
|--|-------------|-------|
| TAD520GE, TD520GE  | 3801578     |       |
| TD60A, TD60B, TD60D, TD60D-83, TID60D, TID60DG   | 3803209     |       |
| TD610G, TD610M, TD61A, TD61ACE, TD61AG, TD61AGP, TD61AGP,<br>TD61AP, TD61APB, TD61AW, TID61AG, TWD610G, TWD610P  | 3803839     |       |
| TD610G, TWD610G  | 3803839     |       |
| TD610V, TWD610V  | 3803839     |       |
| TD630VE, TD640VE, TWD630VE   | 3803839     |       |
| TD70G  | 3803202     |       |
| TD70G-83, TID70G   | 3803210     |       |
| TAD710G, TD710G, TWD710G   | 3803839     |       |
| TAD720GE, TD720GE  | 3801578     |       |
| TAD730P, TD71, TD710G, TD71A, TD71ACE, TD71AG, TD71AGP,<br>TD71AP, TD71APB, TD71AW, TID71, TID71AG, TID71AGP, TID71AP,<br>TID71APB, TWD710G, TWD710P   | 3803839     |       |
| TAD730VE, TD71A, TD730VE, TID71A, TWD71A, TWD730VE,<br>TWD731VE  | 3803839     |       |
| TAD740GE, TWD740GE   | 3803839     |       |
| D100A, D100B, TD100A   | 3803205     |       |
| DH10A  | 3803391     |       |
| TD100G, TD100G-85, TD100G-85, TD100G-87, TD100GG,<br>TD100GG-87, TD100GP, TD100HP-87, TD100HPB-87, TD100K,<br>TD100KG, TD1010G, TID100K-87, TID100KG-87, TID100KGP-87,<br>TID100KP-87, TWD1010G  | 3803208     |       |
| TD1010G, TWD1010G  | 3803208     |       |
| D120A, TD120A  | 3803206     |       |
| TD120G, TD120HP-86, TD121G, TD121G-87, TD121GG,<br>TD121GG-86, TD121GG-87, TD121GGP-87, TD121GP-87,<br>TD121GPB-87, TID121K, TID121K-87, TID121KG, TID121KG-87, TID-<br>121KGP-87, TID121KP, TID121KP-87, TID121KPB-87, TID121L-87,<br>TID121LG, TID121LG-87, TID121LP | 3803537     |       |
| TD1210G, TID121LGP-87, TID121LP-87, TID121LPB-87, TWD-<br>1030ME, TWD1210G   | 3803537     |       |
| TD121CRC   | 3803206     |       |
| TWD1211G, TD122FS, TWD1211P, TAD1230P, TWD1230VE,<br>TWD1231VE, TAD1232GE  | 3803537     |       |
| TAD1230G, TAD1231GE, TAD1232GE, TD1210G, TWD1210G,<br>TWD1211G   | 3803537     |       |
| TAD1230V, TD121G, TWD1210V, TWD1211V, TWD1230VE  | 3803537     |       |
| TWD1231VE  | 3803909     |       |
| TAD1630G, TAD1631G, TWD1630G   | 3803305     |       |
| TAD1630V, TWD1630V   | 3803305     |       |
| TID162AG, TID162AP, TWD1620G, TWD162G  | 3803305     |       |

Please contact your local Volvo Penta dealer for further information. Please note that products illustrated may differ from production models. Not all models and accessories are available in all markets, and standard equipment may vary between different markets. Every effort has been made to ensure that facts and figures are correct at the time of publication. However, Volvo Penta reserves the right to make changes without prior notice at any time.





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