



# HEAT EXCHANGER, AFTER COOLER AND THERMOSTAT WITH INSTALLATION COMPS: AQAD40A

# 02B

| REF | PART NO. | QTY | DESCRIPTION          | SEE SEC.             | NOTES   |
|-----|----------|-----|----------------------|----------------------|---|
| 1   | 844936   | 1   | Heat exchanger housi |                      | MO-37124. REPLACED BY HOUSING 838429+ZINK ELECTRODE 838929. 804107.           |
|     | 838429   | 1   | Heat exchanger housi |                      |   |
| 2   | 951940   | 1   | · Tensioning din     |                      |   |
| 3   | 924060   | 2   | · Stud               |                      |   |
| 4   | 845285   | 1   | Thermostat retainer  |                      |   |
| 5   | 875788   | 1   | Thermostat kit       |                      | 70C   |
|     | 875787   | 1   | Thermostat kit       |                      | 76C. AQAD40A SPEC 867562 MO 21734-.   |
| 6   | 416033   | 2   | Sealing ring         | IK                   |   |
| 7   | 845852   | 1   | Shield               |                      |   |
| 8   | 941670   | 2   | Washer               |                      |   |
| 9   | 946330   | 2   | Nut                  |                      |   |
| 10  | 845291   | 2   | Gasket               |                      | LATE TYPE   |
| 11  | 845284   | 1   | Cover                |                      |   |
| 12  | 941907   | 4   | Spring washer        |                      |   |
| 13  | 955295   | 4   | Screw                |                      |   |
| 14  | 845879   | 1   | Cover                |                      |   |
| 15  | 957184   | 2   | Washer               |                      |   |
| 16  | 944507   | 2   | Plug                 |                      |   |
| 17  | 845198   | 1   | Insert               |                      | REPL BY 838590  |
|     | 838590   | 1   | Heat exchanger eleme |                      | REPL BY 858833  |
|     | 858833   | 1   | Insert               |                      |   |
| 18  | 925096   | 1   | O-ring               | IK                   |   |
| 19  | 845301   | 1   | Gasket               | IK                   |   |
| 20  | 845286   | 1   | End cover            |                      | MO-29567. END COVER-845286 AND FLANGE-845300 ARE REPLACED BY ENDCOVER-846420. |
| 21  | 845300   | 1   | End cover            |                      | MO-29567. END COVER-845286 AND FLANGE-845300 ARE REPLACED BY ENDCOVER-846420. |
| 21A | 846240   | 1   | End cover            |                      | MO29568-  |
| 21B | 940132   | 4   | Screw                |                      |   |
| 22  | 941907   | 4   | Spring washer        |                      | MO-29567  |
| 23  | 955297   | 4   | Screw                |                      | MO-29567  |
|     | 940132   | 4   | Screw                |                      | MO 29568-, L = 35 MM  |
| 24  | 838928   | 1   | Plug                 |                      | (800475)  |
| 25  | 838929   | 1   | Zinc anod            |                      | (804107)  |
| 26  | 842965   | 2   | Tube                 | 02B-2200<br>02B-0900 |   |
| 27  | 925067   | 4   | O-ring               | IK                   |   |
| 28  | 947893   | 1   | Drain cock           |                      |   |
| 29  | 845137   | 1   | Bracket              |                      |   |
| 30  | 941908   | 5   | Spring washer        |                      |   |
| 31  | 955317   | 2   | Screw                |                      |   |
| 32  | 845138   | 1   | Bracket              |                      |   |
| 33  | 955333   | 3   | Screw                |                      | EARLY TYPE  |
| 34  | 955334   | 5   | Screw                |                      |   |
| 35  | 845373   | 1   | End plate            |                      |   |
| 36  | 961678   | 2   | Hose clamp           |                      |   |
| 37  | 858038   | 1   | Tube                 |                      | EXCL AQAD40B/290,290DP  |
|     |          |     |                      |                      |   |
|     |          |     |                      |                      |   |
| 38  | 947893   | 1   | Drain cock           |                      |   |
| 39  | 961670   | 2   | Hose clamp           |                      |   |
| 40  | 952641   | 2   | Clamp                |                      |   |
| 41  | 955268   | 2   | Screw                |                      |   |
| 42  | 858471   | X   | Hose                 |                      | (952976) L = 70 MM  |
| 43  | 845374   | 1   | Tube                 |                      |   |
| 44  | 961669   | 1   | Hose clamp           |                      |   |
| 45  | 961670   | 2   | Hose clamp           |                      |   |
| 46  | 845359   | 1   | Hose                 |                      |   |
| 47  |          | 1   | INLET MANIFOLD       | 02B-2200             |   |
| 48  | 845582   | 1   | Housing              |                      |   |
| 49  | 844084   | 1   | Gasket               | IK 02B-2200          |   |

7744060 - 02B - 02B-0825

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Upd: 19 JUN 2006

MD40, TMD40, AQD40, TAMD40, AQAD40

**VOLVO  
PENTA**

**HEAT EXCHANGER, AFTER COOLER AND THERMOSTAT WITH  
INSTALLATION COMPS: AQAD40A**

**02B**

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|-----|----------|-----|---------------------|----------|----------------------------|
| 50  | 941907   | 6   | Spring washer       |          |                            |
| 51  | 955304   | 4   | Screw               |          | L = 70 MM                  |
|     | 955303   | 2   | Screw               |          | L = 65 MM                  |
| 52  | 844888   | 1   | Intermed cooler kit |          | MO-38214                   |
|     | 838547   | 1   | Insert              |          | REPL BY 838547<br>MO38215- |
| 53  | 845334   | 2   | Gasket              |          | MO-38214                   |
|     | 838979   | 2   | Gasket              | IK       | MO38215-                   |
| 54  | 845297   | 1   | Cover               |          |                            |
| 55  | 940142   | 2   | Screw               |          | L = 30 MM                  |
|     | 955300   | 2   | Screw               |          | L = 50 MM                  |
|     | 955301   | 3   | Screw               |          | L = 55 MM                  |
| 56  | 859047   | 1   | Gasket              | IK       | (845585)                   |
| 57  | 845583   | 1   | Cover plate         |          |                            |
| 58  | 845336   | 1   | Seal                |          |                            |
| 59  | 845584   | 1   | Flange              |          |                            |
| 60  | 955271   | 8   | Screw               |          |                            |
| 61  | 845385   | 1   | Clamp               |          |                            |
| 62  | 845353   | 1   | Gasket              | 02B-2200 |                            |
| 63  | 845323   | 1   | Bracket             |          |                            |
| 64  | 955295   | 2   | Screw               |          |                            |
| 65  | 941907   | 4   | Spring washer       |          |                            |
| 66  | 955294   | 1   | Screw               |          | L = 16 MM                  |
|     | 955301   | 1   | Screw               |          | L = 55 MM                  |
| 67  | 838928   | 1   | Plug                |          | (800476)                   |
| 68  | 838929   | 1   | Zinc anod           |          | (800475)                   |
| 69  | 845358   | 1   | Coolant pipe        |          |                            |
| 70  | 845354   | 1   | Sealing ring        |          |                            |
| 71  | 845704   | 1   | Brace               |          |                            |
| 72  | 963554   | 1   | Screw               |          |                            |
| 73  | 952974   | X   | Radiator hose       |          | L = 60 MM                  |
| 74  | 961670   | 2   | Hose clamp          |          |                            |
| 75  | 838969   | 1   | Oil cooler          | 02B-1400 |                            |