



# **Valvole VVT VVT Valves**



**Gennaio 2018 / January 2018**



## Applicazioni veicolari - Vehicles applications

### ALFA ROMEO

|        |        |
|--------|--------|
| 145    |        |
| 1.9 TD | 555157 |

|        |        |
|--------|--------|
| 146    |        |
| 1.9 TD | 555157 |

|              |        |
|--------------|--------|
| 147          |        |
| 1.9 JTD      | 555170 |
| 1.9 JTD 16V  | 555170 |
| 1.9 JTDM     | 555170 |
| 1.9 JTDM 16V | 555170 |
| 1.9 JTDM 8V  | 555170 |

|                |        |
|----------------|--------|
| 156            |        |
| 1.9 JTD        | 555055 |
| 1.9 JTD        | 555157 |
| 1.9 JTD        | 555170 |
| 1.9 JTD 16V Q4 | 555170 |
| 2.4 JTD        | 555055 |
| 2.4 JTD        | 555170 |

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| 159          |        |
| 1.9 JTDM 16V | 555170 |
| 1.9 JTDM 16V | 555389 |
| 1.9 JTDM 8V  | 555389 |
| 2.0 JTDM     | 555389 |
| 2.4 JTDM     | 555170 |
| 2.4 JTDM     | 555389 |
| 2.4 JTDM Q4  | 555170 |
| 2.4 JTDM Q4  | 555389 |

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| 164    |        |
| 2.5 TD | 555378 |

|         |        |
|---------|--------|
| 166     |        |
| 2.4 JTD | 555055 |
| 2.4 JTD | 555157 |
| 2.4 JTD | 555170 |

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| BRERA        |        |
| 2.0 JTDM     | 555389 |
| 2.4 JTDM 20V | 555170 |
| 2.4 JTDM 20V | 555389 |

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|-----------|--------|
| GIULIETTA |        |
| 1.6 JTDM  | 555389 |
| 2.0 JTDM  | 555389 |

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|---------|--------|
| GT      |        |
| 1.9 JTD | 555170 |

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| MITO         |        |
| 1.3 Multijet | 555389 |

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| SPIDER   |        |
| 2.0 JTDM | 555389 |
| 2.4 JTDM | 555170 |
| 2.4 JTDM | 555389 |

### AUDI

|               |        |
|---------------|--------|
| 100           |        |
| 2.5 TDI       | 555155 |
| 2.8 E         | 555164 |
| 2.8 E         | 555378 |
| 2.8 E quattro | 555164 |
| 2.8 E quattro | 555378 |

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| 80      |        |
| 1.9 TDI | 555155 |
| 2.8     | 555164 |
| 2.8     | 555378 |

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| 2.8 quattro | 555164 |
| 2.8 quattro | 555378 |

|         |        |
|---------|--------|
| A2      |        |
| 1.2 TDI | 555155 |
| 1.2 TDI | 555156 |
| 1.4 TDI | 555155 |
| 1.4 TDI | 555238 |
| 1.6 FSI | 555172 |

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|---------------------|--------|
| A3                  |        |
| 1.6                 | 555455 |
| 1.8                 | 555172 |
| 1.8                 | 555175 |
| 1.8 quattro         | 555172 |
| 1.8 quattro         | 555175 |
| 1.8 T               | 555179 |
| 1.8 T quattro       | 555179 |
| 1.9 TDI             | 555155 |
| 1.9 TDI             | 555156 |
| 1.9 TDI             | 555158 |
| 1.9 TDI             | 555171 |
| 1.9 TDI             | 555173 |
| 1.9 TDI             | 555198 |
| 1.9 TDI             | 555238 |
| 1.9 TDI quattro     | 555158 |
| 1.9 TDI quattro     | 555171 |
| 2.0 TDI             | 555171 |
| 2.0 TDI 16V         | 555171 |
| 2.0 TDI 16V quattro | 555171 |
| 2.0 TDI quattro     | 555171 |
| S3 quattro          | 555179 |

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| A4               |        |
| 1.6              | 555455 |
| 1.8              | 555455 |
| 1.8 quattro      | 555455 |
| 1.8 T            | 555378 |
| 1.8 T            | 555455 |
| 1.8 T quattro    | 555378 |
| 1.9 DUO          | 555155 |
| 1.9 DUO          | 555238 |
| 1.9 TDI          | 555155 |
| 1.9 TDI          | 555156 |
| 1.9 TDI          | 555158 |
| 1.9 TDI          | 555173 |
| 1.9 TDI          | 555174 |
| 1.9 TDI          | 555195 |
| 1.9 TDI          | 555238 |
| 1.9 TDI quattro  | 555155 |
| 1.9 TDI quattro  | 555156 |
| 1.9 TDI quattro  | 555158 |
| 1.9 TDI quattro  | 555173 |
| 1.9 TDI quattro  | 555174 |
| 1.9 TDI quattro  | 555195 |
| 2.0 TDI          | 555174 |
| 2.0 TDI 16V      | 555174 |
| 2.4              | 555378 |
| 2.4 quattro      | 555378 |
| 2.5 TDI          | 555171 |
| 2.5 TDI          | 555433 |
| 2.5 TDI quattro  | 555171 |
| 2.5 TDI quattro  | 555433 |
| 2.7 TDI          | 555236 |
| 2.8              | 555164 |
| 2.8              | 555378 |
| 2.8 quattro      | 555164 |
| 2.8 quattro      | 555378 |
| 3.0 TDI quattro  | 555236 |
| 3.0 TFSI quattro | 555345 |
| RS4 quattro      | 555179 |
| RS4 quattro      | 555378 |
| S4 quattro       | 555179 |
| S4 quattro       | 555345 |
| S4 quattro       | 555378 |

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| A5               |        |
| 3.0 TFSI quattro | 555345 |
| S5 quattro       | 555345 |

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| A6               |        |
| 1.8              | 555455 |
| 1.8 T            | 555378 |
| 1.8 T quattro    | 555378 |
| 1.9 TDI          | 555155 |
| 1.9 TDI          | 555156 |
| 1.9 TDI          | 555174 |
| 1.9 TDI          | 555195 |
| 1.9 TDI          | 555238 |
| 2.0 TDI          | 555174 |
| 2.4              | 555378 |
| 2.4 quattro      | 555378 |
| 2.5 TDI          | 555155 |
| 2.5 TDI          | 555237 |
| 2.5 TDI          | 555450 |
| 2.5 TDI quattro  | 555155 |
| 2.5 TDI quattro  | 555237 |
| 2.5 TDI quattro  | 555450 |
| 2.7 quattro      | 555179 |
| 2.7 T            | 555179 |
| 2.7 T quattro    | 555179 |
| 2.7 TDI          | 555236 |
| 2.7 TDI quattro  | 555236 |
| 2.8              | 555164 |
| 2.8              | 555378 |
| 2.8 quattro      | 555164 |
| 2.8 quattro      | 555378 |
| 3.0 TDI          | 555236 |
| 3.0 TDI quattro  | 555236 |
| 3.0 TFSI quattro | 555345 |
| 4.2 quattro      | 555345 |
| S6 Plus quattro  | 555378 |

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|------------------|--------|
| A6 Allroad       |        |
| 2.7 TDI quattro  | 555236 |
| 3.0 TDI quattro  | 555236 |
| 3.0 TFSI quattro | 555345 |

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|------------------|--------|
| A7               |        |
| 3.0 TFSI quattro | 555345 |

|                  |        |
|------------------|--------|
| A8               |        |
| 2.5 TDI          | 555450 |
| 2.5 TDI quattro  | 555450 |
| 2.8              | 555378 |
| 2.8 quattro      | 555164 |
| 2.8 quattro      | 555378 |
| 3.0 TDI quattro  | 555236 |
| 3.0 TFSI quattro | 555345 |
| 3.7              | 555378 |
| 3.7 quattro      | 555378 |
| 4.2 quattro      | 555378 |
| 6.0 W12 quattro  | 555172 |
| S8 quattro       | 555378 |

|                 |        |
|-----------------|--------|
| ALLROAD         |        |
| 2.5 TDI quattro | 555237 |
| 2.5 TDI quattro | 555450 |
| 2.7 quattro     | 555179 |
| 2.7 T quattro   | 555179 |
| 4.2 V8 quattro  | 555345 |

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|-----------|--------|
| CABRIOLET |        |
| 1.9 TDI   | 555155 |
| 2.8       | 555164 |
| 2.8       | 555378 |

|             |        |
|-------------|--------|
| COUPE       |        |
| 2.8         | 555164 |
| 2.8         | 555378 |
| 2.8 quattro | 555164 |
| 2.8 quattro | 555378 |



## Applicazioni veicolari - Vehicles applications

|                  |        |
|------------------|--------|
| <b>Q5</b>        |        |
| 3.0 TFSI quattro | 555345 |
| SQ5 TFSI quattro | 555345 |

|                  |        |
|------------------|--------|
| <b>Q7</b>        |        |
| 3.0 TDI quattro  | 555236 |
| 3.0 TFSI quattro | 555345 |

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|-----------------|--------|
| <b>R8</b>       |        |
| 5.2 FSI quattro | 555345 |

|                 |        |
|-----------------|--------|
| <b>TT</b>       |        |
| 1.8 T           | 555179 |
| 1.8 T quattro   | 555175 |
| 1.8 T quattro   | 555179 |
| 2.0 TDI quattro | 555171 |

### BMW

|          |        |
|----------|--------|
| <b>1</b> |        |
| 114 i    | 555344 |
| 116 d    | 555235 |
| 116 i    | 555344 |
| 118 d    | 555176 |
| 118 d    | 555197 |
| 118 d    | 555235 |
| 118 i    | 555344 |
| 120 d    | 555176 |
| 120 d    | 555197 |
| 120 d    | 555235 |
| 123 d    | 555197 |
| 123 d    | 555235 |
| 123 d    | 555447 |
| 135 i    | 555444 |
| 135 i    | 555456 |
| M        | 555444 |
| M        | 555456 |

|                          |        |
|--------------------------|--------|
| <b>3</b>                 |        |
| 316 i                    | 555197 |
| 316 i                    | 555344 |
| 318 d                    | 555176 |
| 318 d                    | 555197 |
| 318 d                    | 555235 |
| 318 td                   | 555176 |
| 318 td                   | 555197 |
| 320 Cd                   | 555176 |
| 320 Cd                   | 555197 |
| 320 Ci                   | 555375 |
| 320 d                    | 555176 |
| 320 d                    | 555197 |
| 320 d                    | 555235 |
| 320 i                    | 555197 |
| 320 i                    | 555375 |
| 320 i Efficient Dynamics | 555344 |
| 320 td                   | 555176 |
| 320 td                   | 555197 |
| 320 xd                   | 555197 |
| 320 xd                   | 555235 |
| 323 Ci                   | 555375 |
| 323 i                    | 555197 |
| 323 i                    | 555375 |
| 323 i 2.5                | 555197 |
| 323 i 2.5                | 555375 |
| 323 ti                   | 555197 |
| 323 ti                   | 555375 |
| 325 Ci                   | 555197 |
| 325 Ci                   | 555375 |
| 325 d                    | 555176 |
| 325 i                    | 555197 |
| 325 i                    | 555375 |
| 325 ti                   | 555197 |
| 325 ti                   | 555375 |
| 325 xi                   | 555197 |
| 325 xi                   | 555375 |

|              |        |
|--------------|--------|
| 328 Ci       | 555375 |
| 328 i        | 555197 |
| 328 i        | 555375 |
| 330 Cd       | 555176 |
| 330 Cd       | 555197 |
| 330 Ci       | 555197 |
| 330 Ci       | 555375 |
| 330 d        | 555176 |
| 330 d        | 555197 |
| 330 i        | 555197 |
| 330 i        | 555375 |
| 330 xd       | 555176 |
| 330 xd       | 555197 |
| 330 xi       | 555197 |
| 330 xi       | 555375 |
| 335 d        | 555176 |
| 335 i        | 555444 |
| 335 i        | 555456 |
| 335 i xDrive | 555444 |
| 335 i xDrive | 555456 |
| 335 xi       | 555444 |
| 335 xi       | 555456 |
| M3 3.2       | 555375 |

|          |        |
|----------|--------|
| <b>5</b> |        |
| 520 d    | 555176 |
| 520 d    | 555197 |
| 520 d    | 555235 |
| 520 i    | 555375 |
| 523 i    | 555375 |
| 525 d    | 555176 |
| 525 d    | 555197 |
| 525 i    | 555375 |
| 525 td   | 555197 |
| 525 tds  | 555197 |
| 528 i    | 555375 |
| 530 d    | 555176 |
| 530 d    | 555197 |
| 530 i    | 555375 |
| 530 xd   | 555197 |
| 535 d    | 555176 |
| 535 d    | 555197 |
| 535 d    | 555447 |
| 535 i    | 555197 |
| 540 i    | 555197 |
| 545 i    | 555197 |
| 550 i    | 555444 |
| M5       | 555197 |
| M5       | 555375 |

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|----------|--------|
| <b>6</b> |        |
| 650 i    | 555444 |

|              |        |
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| <b>7</b>     |        |
| 725 tds      | 555197 |
| 728 i, iL    | 555375 |
| 728i X       | 555375 |
| 730 d        | 555176 |
| 730 d        | 555197 |
| 730 Ld       | 555197 |
| 740 d        | 555176 |
| 740 d        | 555197 |
| 740 d        | 555447 |
| 740 i        | 555456 |
| 745 d        | 555197 |
| 750 i        | 555444 |
| 750 i xDrive | 555444 |
| 750 i, iL    | 555197 |
| 760          | 555197 |
| 760 i, LI    | 555197 |
| ActiveHybrid | 555444 |

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|----------|--------|
| <b>8</b> |        |
| 850 Ci   | 555197 |

|           |  |
|-----------|--|
| <b>X3</b> |  |
|-----------|--|

|              |        |
|--------------|--------|
| 2.0 D        | 555176 |
| 2.0 D        | 555197 |
| 2.0 D        | 555235 |
| 3.0 d        | 555197 |
| 3.0 i xDrive | 555197 |
| 3.0 sd       | 555197 |
| 3.0 sd       | 555447 |
| 3.0 Si       | 555197 |

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|-------------|--------|
| <b>X5</b>   |        |
| 3.0 d       | 555176 |
| 3.0 d       | 555197 |
| 3.0 i       | 555375 |
| 3.0 sd      | 555176 |
| 3.0 sd      | 555197 |
| 3.0 sd      | 555447 |
| xDrive 35 d | 555447 |
| xDrive 40 d | 555447 |
| xDrive 50 i | 555444 |

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|--------------|--------|
| <b>X6</b>    |        |
| 35 d         | 555447 |
| 35 i         | 555456 |
| 50 i         | 555444 |
| ActiveHybrid | 555444 |
| xDrive 35 i  | 555456 |
| xDrive 50 i  | 555444 |

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|-----------|--------|
| <b>Z3</b> |        |
| 2.0 i     | 555197 |
| 2.0 i     | 555375 |
| 2.2 i     | 555375 |
| 2.8 i     | 555197 |
| 2.8 i     | 555375 |
| 3.0 i     | 555197 |
| 3.0 i     | 555375 |

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| <b>Z4</b>    |        |
| sDrive 35 i  | 555444 |
| sDrive 35 i  | 555456 |
| sDrive 35 is | 555444 |
| sDrive 35 is | 555456 |

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| <b>Z8</b> |        |
| 4.9       | 555197 |

### CADILLAC

|            |        |
|------------|--------|
| <b>BLS</b> |        |
| 1.9 D      | 555438 |

### CHEVROLET

|             |        |
|-------------|--------|
| <b>AVEO</b> |        |
| 1.4         | 555394 |

|                |        |
|----------------|--------|
| <b>CAPTIVA</b> |        |
| 2.2 D 4WD      | 555222 |

### CHRYSLER

|                  |        |
|------------------|--------|
| <b>CROSSFIRE</b> |        |
| 3.2              | 555449 |

### CITROËN

|                 |        |
|-----------------|--------|
| <b>BERLINGO</b> |        |
| 1.6 HDi 110     | 555161 |
| 1.6 HDi 110     | 555445 |
| 1.6 HDi 115     | 555445 |
| 1.6 HDi 75      | 555161 |
| 1.6 HDi 90      | 555161 |



## Applicazioni veicolari - Vehicles applications

|                         |        |                       |        |                        |        |
|-------------------------|--------|-----------------------|--------|------------------------|--------|
| 1.6 HDi 90 16V          | 555161 | 2.0 HDi 16V           | 555166 | 1.6 D Multijet         | 555389 |
| 1.9 D                   | 555166 |                       |        | 1.9 D Multijet         | 555170 |
| 2.0 HDi                 | 555166 | <b>JUMPER</b>         |        | 1.9 D Multijet         | 555389 |
| 2.0 HDi 90              | 555166 | 2.0 HDi               | 555166 | 1.9 JTD 105            | 555157 |
| 2.0 HDi 90 4WD          | 555166 | 2.0 HDi               | 555331 | 1.9 TD 100 S           | 555157 |
|                         |        | 2.2 HDi               | 555331 | 1.9 TD 75 S            | 555157 |
| <b>C15</b>              |        |                       |        |                        |        |
| 1.9 D                   | 555166 | <b>JUMPY</b>          |        | <b>BRAVO Van</b>       |        |
|                         |        | 1.9 D 70              | 555331 | 1.6 D Multijet         | 555389 |
| <b>C2</b>               |        | 2.0 HDi 110           | 555166 |                        |        |
| 1.4 HDi                 | 555159 | 2.0 HDi 140           | 555233 | <b>CROMA</b>           |        |
| 1.6 HDi                 | 555161 | 2.0 HDi 95            | 555166 | 1.9 D Multijet         | 555170 |
|                         |        |                       |        | 2.4 D Multijet         | 555170 |
| <b>C3</b>               |        | <b>XANTIA</b>         |        | <b>DOBLO</b>           |        |
| 1.4 16V HDi             | 555159 | 2.0 HDi 109           | 555166 | 1.2                    | 555377 |
| 1.4 16V HDi             | 555166 | 2.0 HDi 109           | 555331 | 1.3 D Multijet         | 555170 |
| 1.4 HDi                 | 555159 | 2.0 HDi 90            | 555166 | 1.6                    | 555377 |
| 1.4 HDi 70              | 555360 |                       |        | 1.6 16V                | 555377 |
| 1.6 16V HDi             | 555161 | <b>XSARA</b>          |        | 1.6 Natural Power      | 555377 |
| 1.6 HDi 115             | 555445 | 1.4 HDi               | 555159 | 1.9 D                  | 555377 |
|                         |        | 1.9 D                 | 555331 | 1.9 D Multijet         | 555170 |
| <b>C3 Picasso</b>       |        | 2.0 HDi               | 555331 | 1.9 JTD                | 555170 |
| 1.6 HDi 115             | 555445 | 2.0 HDi 109           | 555166 | 1.9 JTD                | 555197 |
|                         |        | 2.0 HDi 109           | 555331 | 1.9 JTD                | 555377 |
| <b>C4</b>               |        | 2.0 HDi 90            | 555166 | 1.9 JTD                | 555408 |
| 1.6 HDi 110             | 555445 | 2.0 HDi 90            | 555331 | 1.9 JTD Multijet       | 555377 |
| 1.6 HDi 115             | 555445 |                       |        |                        |        |
| 2.0 HDi                 | 555233 | <b>XSARA PICASSO</b>  |        | <b>DUCATO</b>          |        |
| 2.0 HDi                 | 555333 | 1.6 HDi               | 555161 | 130 Multijet 2,3 D     | 555413 |
|                         |        | 2.0 HDi               | 555166 | 140 Natural Power      | 555413 |
| <b>C4 AIRCROSS</b>      |        |                       |        | 160 Multijet 3,0 D     | 555413 |
| 1.6 HDi 115             | 555445 | <b>DACIA</b>          |        | 2.0 JTD                | 555331 |
| 1.6 HDi 115 AWC         | 555445 |                       |        | 2.3 JTD                | 555157 |
|                         |        | <b>DOKKER</b>         |        | 2.8 iDTD 4x4           | 555157 |
| <b>C4 Grand Picasso</b> |        | 1.2 TCe               | 555384 | 2.8 JTD                | 555157 |
| 1.6 HDi / BlueHDi 115   | 555445 | 1.5 dCi               | 555384 | 2.8 JTD                | 555170 |
| 1.6 HDi 110             | 555445 |                       |        | 2.8 JTD 4x4            | 555157 |
| 2.0 BlueHDi 150         | 555448 | <b>DOKKER Express</b> |        | 2.8 JTD 4x4            | 555170 |
|                         |        | 1.2 TCe 115           | 555384 | 2.8 TDI                | 555157 |
| <b>C4 Picasso</b>       |        | 1.5 dCi               | 555384 | 2.8 TDI 4x4            | 555157 |
| 1.6 HDi                 | 555161 |                       |        |                        |        |
| 1.6 HDi / BlueHDi 115   | 555445 | <b>DUSTER</b>         |        | <b>FIORINO</b>         |        |
| 1.6 HDi 110             | 555445 | 1.2 TCe 125           | 555384 | 65 1.7 TD              | 555157 |
| 2.0 BlueHDi 150         | 555448 | 1.5 dCi               | 555210 |                        |        |
| 2.0 HDi 138             | 555233 | 1.5 dCi               | 555384 | <b>FIORINO Pick up</b> |        |
|                         |        | 1.5 dCi               | 555388 | 1.7 TD                 | 555157 |
| <b>C5</b>               |        | 1.5 dCi 4x4           | 555384 |                        |        |
| 1.6 HDi                 | 555161 | 1.5 dCi 4x4           | 555388 | <b>GRANDE PUNTO</b>    |        |
| 1.6 HDi 115             | 555445 |                       |        | 1.3 D Multijet         | 555170 |
| 2.0 HDi                 | 555161 | <b>LOGAN</b>          |        | 1.3 D Multijet         | 555389 |
| 2.0 HDi                 | 555166 | 1.5 dCi               | 555210 | 1.9 D Multijet         | 555170 |
| 2.0 HDi                 | 555233 | 1.5 dCi               | 555388 |                        |        |
| 2.0 HDi                 | 555333 |                       |        | <b>IDEA</b>            |        |
| 2.2 HDi                 | 555166 | <b>LOGAN MCV</b>      |        | 1.3 D Multijet         | 555170 |
| 2.2 HDi                 | 555331 | 1.5 dCi               | 555210 | 1.9 JTD                | 555170 |
|                         |        | 1.5 dCi               | 555388 | 1.9 JTD                | 555197 |
| <b>C8</b>               |        |                       |        |                        |        |
| 2.0 HDi                 | 555166 | <b>SANDERO</b>        |        | <b>LINEA</b>           |        |
| 2.0 HDi                 | 555331 | 1.5 dCi               | 555210 | 1.3 D Multijet         | 555170 |
| 2.0 HDi 135             | 555233 | 1.5 dCi               | 555388 | 1.3 D Multijet         | 555389 |
| 2.2 HDi                 | 555166 |                       |        | 1.6 D Multijet         | 555389 |
| 2.2 HDi                 | 555331 |                       |        |                        |        |
|                         |        | <b>DAEWOO</b>         |        | <b>MAREA</b>           |        |
| <b>DS3</b>              |        |                       |        | 1.9 JTD 105            | 555055 |
| 1.4 HDi 70              | 555360 | <b>REXTON</b>         |        | 1.9 JTD 105            | 555157 |
| 1.4 HDi 70              | 555381 | 3.2 V6                | 555453 | 1.9 JTD 105            | 555170 |
| 1.6 HDi 115             | 555445 |                       |        | 1.9 JTD 110            | 555055 |
|                         |        | <b>FIAT</b>           |        | 1.9 JTD 110            | 555157 |
| <b>DS4</b>              |        |                       |        | 1.9 JTD 110            | 555170 |
| 1.6 HDi 115             | 555445 | <b>BRAVA</b>          |        | 1.9 TD 100             | 555157 |
|                         |        | 1.9 TD 100 S          | 555157 | 1.9 TD 75              | 555157 |
| <b>DS5</b>              |        | 1.9 TD 75 S           | 555157 | 2.4 JTD 130            | 555157 |
| 1.6 HDi 115             | 555445 |                       |        | 2.4 TD 125             | 555157 |
|                         |        | <b>BRAVO</b>          |        |                        |        |
| <b>EVASION</b>          |        |                       |        | <b>MULTIPLA</b>        |        |
| 2.0 HDi                 | 555166 |                       |        |                        |        |



## Applicazioni veicolari - Vehicles applications

|             |        |
|-------------|--------|
| 1.9 JTD 105 | 555157 |
| 1.9 JTD 110 | 555157 |
| 1.9 JTD 110 | 555170 |
| 1.9 JTD 115 | 555157 |
| 1.9 JTD 115 | 555170 |

|              |        |
|--------------|--------|
| <b>PALIO</b> |        |
| 1.2          | 555377 |
| 1.2 Flex     | 555377 |
| 1.2 LPG      | 555377 |
| 1.4          | 555377 |
| 1.4 Cat      | 555377 |
| 1.6 16V      | 555377 |
| 1.7 TD       | 555157 |
| 1.7 TD       | 555377 |
| 1.9 D        | 555377 |
| 1.9 JTD      | 555197 |
| 1.9 JTD      | 555377 |

|                    |        |
|--------------------|--------|
| <b>PANDA</b>       |        |
| 1.3 D Multijet     | 555170 |
| 1.3 D Multijet 4x4 | 555170 |

|                   |        |
|-------------------|--------|
| <b>PUNTO</b>      |        |
| 1.1               | 555377 |
| 1.2 16V           | 555377 |
| 1.2 16V 80        | 555377 |
| 1.2 60            | 555377 |
| 1.2 Natural Power | 555377 |
| 1.4 GT Turbo      | 555377 |
| 1.6               | 555377 |
| 1.7 D             | 555377 |
| 1.7 TD            | 555157 |
| 1.7 TD            | 555377 |
| 1.8 130 HGT       | 555377 |
| 1.9 JTD           | 555197 |
| 1.9 JTD           | 555377 |
| 1.9 JTD 80        | 555197 |
| 1.9 JTD 80        | 555377 |
| 55 1.1            | 555377 |
| 60 1.2            | 555377 |
| 75 1.2            | 555377 |
| 85 16V 1.2        | 555377 |
| 90 1.6            | 555377 |

|                    |        |
|--------------------|--------|
| <b>SEDICI</b>      |        |
| 1.9 D Multijet     | 555446 |
| 1.9 D Multijet 4x4 | 555446 |
| 2.0 D Multijet     | 555446 |
| 2.0 D Multijet 4x4 | 555446 |

|                |        |
|----------------|--------|
| <b>STILO</b>   |        |
| 1.2 16V        | 555377 |
| 1.6            | 555377 |
| 1.6 16V        | 555377 |
| 1.8 16V        | 555377 |
| 1.9 D Multijet | 555170 |
| 1.9 D Multijet | 555377 |
| 1.9 JTD        | 555055 |
| 1.9 JTD        | 555170 |
| 1.9 JTD        | 555377 |
| 2.4 20V        | 555377 |

|                |        |
|----------------|--------|
| <b>STRADA</b>  |        |
| 1.2            | 555377 |
| 1.3 D Multijet | 555170 |
| 1.7 TD         | 555377 |
| 1.9 D          | 555377 |
| 1.9 JTD        | 555377 |

### FORD

|              |        |
|--------------|--------|
| <b>C-MAX</b> |        |
| 2.0 TDCi     | 555234 |

|               |        |
|---------------|--------|
| <b>FIESTA</b> |        |
| 1.6 TDCi      | 555161 |
| ST150         | 556131 |

|              |        |
|--------------|--------|
| <b>FOCUS</b> |        |
| 1.6 TDCi     | 555161 |
| 2.0          | 556131 |
| 2.0 TDCi     | 555234 |

|                    |        |
|--------------------|--------|
| <b>FOCUS C-MAX</b> |        |
| 1.6 TDCi           | 555161 |
| 2.0                | 556131 |
| 2.0 TDCi           | 555234 |

|               |        |
|---------------|--------|
| <b>FUSION</b> |        |
| 1.6 TDCi      | 555161 |

|               |        |
|---------------|--------|
| <b>GALAXY</b> |        |
| 1.9 TDI       | 555155 |
| 1.9 TDI       | 555156 |
| 1.9 TDI       | 555198 |
| 1.9 TDI       | 555238 |
| 2.0           | 556131 |
| 2.0 TDCi      | 555234 |
| 2.8 i V6      | 555164 |
| 2.8 i V6 4x4  | 555164 |

|                          |        |
|--------------------------|--------|
| <b>MONDEO</b>            |        |
| 2.0                      | 556131 |
| 2.0 16V DI / TDDi / TDCi | 555429 |
| 2.0 Flexifuel            | 556131 |
| 2.2 TDCi                 | 555429 |
| 3.0 V6 24V               | 555429 |
| ST220                    | 555429 |

|               |        |
|---------------|--------|
| <b>S-MAX</b>  |        |
| 2.0           | 556131 |
| 2.0 Flexifuel | 556131 |
| 2.0 TDCi      | 555234 |

### HYUNDAI

|               |        |
|---------------|--------|
| <b>ACCENT</b> |        |
| 1.5 CRDi      | 555300 |

|                |        |
|----------------|--------|
| <b>ELANTRA</b> |        |
| 1.6            | 555434 |
| 1.6 CRDi       | 555300 |

|                    |        |
|--------------------|--------|
| <b>GALLOPER</b>    |        |
| 2.5 TCI D          | 555437 |
| 2.5 TD intercooler | 555437 |

|             |        |
|-------------|--------|
| <b>GETZ</b> |        |
| 1.5 CRDi    | 555300 |

|            |        |
|------------|--------|
| <b>H-1</b> |        |
| 2.5 CRDi   | 555300 |
| 2.5 CRDi   | 555423 |
| 2.5 CRDi   | 555436 |
| 2.5 TD     | 555437 |

|                     |        |
|---------------------|--------|
| <b>H-1 / STAREX</b> |        |
| 2.4 4WD             | 555423 |
| 2.5 CRDi            | 555300 |
| 2.5 TD 4WD          | 555423 |
| 2.5 TD 4WD          | 555437 |

|                                   |        |
|-----------------------------------|--------|
| <b>H-1 / STAREX Autobus (KMF)</b> |        |
| 2.5 CRDi                          | 555057 |
| 2.5 CRDi 4WD                      | 555057 |

|            |        |
|------------|--------|
| <b>i10</b> |        |
| 1.1 CRDi   | 555300 |

|            |        |
|------------|--------|
| <b>i30</b> |        |
| 1.6        | 555434 |
| 1.6 CRDi   | 555300 |
| 1.6 CRDi   | 555436 |
| 1.6 GDI    | 555434 |

|            |        |
|------------|--------|
| <b>i40</b> |        |
| 1.6 GDI    | 555434 |

|             |        |
|-------------|--------|
| <b>ix35</b> |        |
| 1.6         | 555434 |
| 2.0         | 555435 |
| 2.0 4WD     | 555435 |
| 2.0 CVVT    | 555435 |

|               |        |
|---------------|--------|
| <b>MATRIX</b> |        |
| 1.5 CRDi      | 555057 |
| 1.5 CRDi      | 555300 |
| 1.5 CRDi      | 555436 |
| 1.5 CRDi VGT  | 555057 |

|                  |        |
|------------------|--------|
| <b>SANTA FÉ</b>  |        |
| 2.2 CRDi         | 555300 |
| 2.2 CRDi 4x4     | 555300 |
| 2.2 CRDi GLS     | 555300 |
| 2.2 CRDi GLS 4x4 | 555300 |
| 2.4              | 555435 |
| 2.4 4x4          | 555435 |

|               |        |
|---------------|--------|
| <b>SONATA</b> |        |
| 2.0           | 555435 |
| 2.0 VVTi GLS  | 555435 |
| 2.4           | 555435 |

|                 |        |
|-----------------|--------|
| <b>TERRACAN</b> |        |
| 2.9 CRDi        | 555300 |
| 2.9 CRDi 4WD    | 555300 |
| 3.5 i V6 4WD    | 555300 |

|               |        |
|---------------|--------|
| <b>TRAJET</b> |        |
| 2.0 CRDi      | 555057 |
| 2.0 CRDi      | 555300 |

|                             |        |
|-----------------------------|--------|
| <b>TUCSON</b>               |        |
| 1.6 GDI                     | 555434 |
| 2.0 CRDi                    | 555300 |
| 2.0 CRDi Trazione integrale | 555300 |

|                 |        |
|-----------------|--------|
| <b>VELOSTER</b> |        |
| 1.6             | 555434 |
| 1.6 GDI         | 555434 |
| 1.6 MPI         | 555434 |

### JEEP

|                |        |
|----------------|--------|
| <b>COMPASS</b> |        |
| 2.2 CRD        | 555449 |
| 2.2 CRD 4x4    | 555449 |

|                |        |
|----------------|--------|
| <b>PATRIOT</b> |        |
| 2.2 CRD 4x4    | 555449 |

### KIA

|                 |        |
|-----------------|--------|
| <b>CARNIVAL</b> |        |
| 2.9 CRDi        | 555300 |
| 2.9 TD          | 555300 |

|                                  |        |
|----------------------------------|--------|
| <b>CARNIVAL / GRAND CARNIVAL</b> |        |
| 2.9 CRDi                         | 555300 |

|              |        |
|--------------|--------|
| <b>CEE'D</b> |        |
| 1.6 CRDi 115 | 555300 |
| 1.6 CRDi 90  | 555300 |





## Applicazioni veicolari - Vehicles applications

| CERATO   |        |
|----------|--------|
| 1.5 CRDi | 555300 |
| 2.0 CRDi | 555300 |

| RIO      |        |
|----------|--------|
| 1.5 CRDi | 555300 |
| 1.5 CRDi | 555436 |

| SORENTO  |        |
|----------|--------|
| 2.5 CRDi | 555436 |

| SPORTAGE     |        |
|--------------|--------|
| 2.0          | 555273 |
| 2.0 4WD      | 555273 |
| 2.0 CRDi     | 555300 |
| 2.0 CRDi 4WD | 555300 |
| 2.0 i 16V    | 555273 |

### LANCIA

| DELTA          |        |
|----------------|--------|
| 1.6 D Multijet | 555389 |
| 1.9 D Multijet | 555389 |
| 2.0 D Multijet | 555389 |

| KAPPA   |        |
|---------|--------|
| 2.4 JTD | 555157 |

| LYBRA   |        |
|---------|--------|
| 1.9 JTD | 555055 |
| 1.9 JTD | 555157 |
| 1.9 JTD | 555170 |
| 2.4 JTD | 555055 |
| 2.4 JTD | 555157 |
| 2.4 JTD | 555170 |

| MUSA           |        |
|----------------|--------|
| 1.3 D Multijet | 555170 |
| 1.3 D Multijet | 555389 |
| 1.6 D Multijet | 555389 |
| 1.9 D Multijet | 555170 |

| THESIS         |        |
|----------------|--------|
| 2.4 D Multijet | 555170 |
| 2.4 JTD        | 555170 |

| YPSILON        |        |
|----------------|--------|
| 1.3 D Multijet | 555170 |
| 1.3 D Multijet | 555389 |
| 1.3 JTD        | 555170 |

### LEXUS

| IS   |        |
|------|--------|
| 220d | 555379 |

### MAYBACH

| MAYBACH       |        |
|---------------|--------|
| 5.5 V12       | 555449 |
| 5.5 V12 57/62 | 555449 |

### MERCEDES-BENZ

| /8    |        |
|-------|--------|
| 230.4 | 555453 |
| 280   | 555453 |
| 280 C | 555453 |

| 190   |        |
|-------|--------|
| D 2.5 | 555453 |

| CLA             |        |
|-----------------|--------|
| CLA 180         | 555449 |
| CLA 200         | 555449 |
| CLA 250         | 555449 |
| CLA 250 4-matic | 555449 |

| CLASSE A      |        |
|---------------|--------|
| A 140         | 555449 |
| A 150         | 555449 |
| A 160         | 555449 |
| A 160 CDI     | 555231 |
| A 170         | 555449 |
| A 180         | 555442 |
| A 180         | 555449 |
| A 180 CDI     | 555231 |
| A 200         | 555442 |
| A 200         | 555449 |
| A 200 CDI     | 555231 |
| A 200 TURBO   | 555449 |
| A 220 4-matic | 555442 |
| A 220 4-matic | 555449 |
| A 250         | 555442 |
| A 250         | 555449 |
| A 250 4-matic | 555442 |
| A 250 4-matic | 555449 |

| CLASSE B      |        |
|---------------|--------|
| B 150         | 555449 |
| B 160         | 555449 |
| B 170         | 555449 |
| B 170 NGT     | 555449 |
| B 180         | 555442 |
| B 180         | 555449 |
| B 180 NGT     | 555449 |
| B 200         | 555442 |
| B 200         | 555449 |
| B 200 TURBO   | 555449 |
| B 220 4-matic | 555449 |
| B 250         | 555442 |
| B 250         | 555449 |
| B 250 4-matic | 555442 |
| B 250 4-matic | 555449 |

| CLASSE C            |        |
|---------------------|--------|
| C 180               | 555449 |
| C 180 CDI           | 555423 |
| C 180 CDI           | 555443 |
| C 180 T             | 555449 |
| C 200 D             | 555449 |
| C 200 T D           | 555449 |
| C 220 CDI           | 555423 |
| C 220 CDI           | 555443 |
| C 220 CDI           | 555449 |
| C 220 D             | 555449 |
| C 220 T CDI         | 555449 |
| C 220 T D           | 555449 |
| C 240               | 555449 |
| C 240 4-matic       | 555449 |
| C 240 T             | 555449 |
| C 250 CDI           | 555423 |
| C 250 CDI           | 555443 |
| C 250 CDI 4-matic   | 555423 |
| C 250 CDI 4-matic   | 555443 |
| C 250 T Turbo-D     | 555449 |
| C 250 Turbo-D       | 555449 |
| C 280               | 555449 |
| C 280               | 555453 |
| C 280 T             | 555449 |
| C 280 T             | 555453 |
| C 32 AMG Kompressor | 555449 |
| C 320               | 555449 |
| C 320 4-matic       | 555449 |
| C 43 AMG            | 555449 |
| C 55 AMG            | 555449 |
| C 63 AMG            | 555449 |

| CLASSE E                      |        |
|-------------------------------|--------|
| E 200 CDI                     | 555449 |
| E 200 CDI / BlueTEC           | 555423 |
| E 200 CDI / BlueTEC           | 555443 |
| E 200 D                       | 555449 |
| E 200 D                       | 555453 |
| E 220 CDI                     | 555184 |
| E 220 CDI                     | 555423 |
| E 220 CDI                     | 555443 |
| E 220 CDI                     | 555449 |
| E 220 CDI / BlueTEC           | 555423 |
| E 220 CDI / BlueTEC           | 555443 |
| E 220 CDI / BlueTEC / d       | 555423 |
| E 220 CDI / BlueTEC / d       | 555443 |
| E 220 CDI / d                 | 555423 |
| E 220 CDI / d                 | 555443 |
| E 220 D                       | 555449 |
| E 220 T CDI                   | 555184 |
| E 220 T CDI                   | 555449 |
| E 240                         | 555449 |
| E 240 4-matic                 | 555449 |
| E 240 T                       | 555449 |
| E 240 T 4-matic               | 555449 |
| E 250 CDI / BlueTEC           | 555423 |
| E 250 CDI / BlueTEC           | 555443 |
| E 250 CDI / BlueTEC / d       | 555423 |
| E 250 CDI / BlueTEC / d       | 555443 |
| E 250 CDI / BlueTEC 4-matic   | 555423 |
| E 250 CDI / BlueTEC 4-matic   | 555443 |
| E 250 D                       | 555449 |
| E 250 T D                     | 555449 |
| E 250 T Turbo-D               | 555449 |
| E 250 Turbo-D                 | 555449 |
| E 280                         | 555449 |
| E 280                         | 555453 |
| E 280 4-matic                 | 555449 |
| E 280 4-matic                 | 555453 |
| E 280 T                       | 555449 |
| E 280 T                       | 555453 |
| E 280 T 4-matic               | 555449 |
| E 280 T 4-matic               | 555453 |
| E 300                         | 555419 |
| E 300 4-matic                 | 555419 |
| E 300 D                       | 555449 |
| E 300 Hybrid / BlueTEC Hybrid | 555423 |
| E 300 Hybrid / BlueTEC Hybrid | 555443 |
| E 300 T Turbo-D               | 555449 |
| E 300 Turbo-D                 | 555449 |
| E 320                         | 555449 |
| E 320                         | 555453 |
| E 320 4-matic                 | 555449 |
| E 320 4-matic                 | 555453 |
| E 320 T                       | 555449 |
| E 320 T                       | 555453 |
| E 320 T 4-matic               | 555449 |
| E 320 T 4-matic               | 555453 |
| E 350                         | 555419 |
| E 350 4-matic                 | 555419 |
| E 420                         | 555453 |
| E 420 T                       | 555453 |
| E 430                         | 555449 |
| E 430 4-matic                 | 555449 |
| E 430 T                       | 555449 |
| E 430 T 4-matic               | 555449 |
| E 500                         | 555442 |
| E 500                         | 555449 |
| E 500 4-matic                 | 555442 |
| E 500 4-matic                 | 555449 |
| E 500 T                       | 555449 |
| E 500 T 4-matic               | 555449 |
| E 55 AMG                      | 555449 |
| E 55 AMG 4-matic              | 555449 |
| E 55 AMG Kompressor           | 555449 |
| E 55 T AMG                    | 555449 |
| E 55 T AMG 4-matic            | 555449 |
| E 55 T AMG Kompressor         | 555449 |



## Applicazioni veicolari - Vehicles applications

|                  |        |
|------------------|--------|
| E 63 AMG         | 555442 |
| E 63 AMG         | 555449 |
| E 63 AMG 4-matic | 555442 |

|                 |        |
|-----------------|--------|
| <b>CLASSE G</b> |        |
| 230 G           | 555453 |
| 320 GE          | 555453 |
| G 320           | 555449 |
| G 320           | 555453 |
| G 500           | 555449 |
| G 55 AMG        | 555449 |
| G 63 AMG        | 555442 |

|                   |        |
|-------------------|--------|
| <b>CLASSE GLA</b> |        |
| GLA 180           | 555449 |
| GLA 200           | 555449 |
| GLA 250           | 555449 |
| GLA 250 4-matic   | 555449 |

|                   |        |
|-------------------|--------|
| <b>CLASSE GLK</b> |        |
| 200 CDI           | 555423 |
| 200 CDI           | 555443 |
| 220 CDI           | 555423 |
| 220 CDI           | 555443 |
| 220 CDI 4-matic   | 555423 |
| 220 CDI 4-matic   | 555443 |
| 250 CDI 4-matic   | 555423 |
| 250 CDI 4-matic   | 555443 |

|                              |        |
|------------------------------|--------|
| <b>CLASSE M</b>              |        |
| ML 250 CDI / BlueTEC 4-matic | 555423 |
| ML 250 CDI / BlueTEC 4-matic | 555443 |
| ML 320                       | 555449 |
| ML 350                       | 555449 |
| ML 350 4-matic               | 555419 |
| ML 430                       | 555449 |
| ML 500                       | 555449 |
| ML 500 4-matic               | 555442 |
| ML 500 4-matic               | 555449 |
| ML 55 AMG                    | 555449 |
| ML 63 AMG 4-matic            | 555442 |
| ML 63 AMG 4-matic            | 555449 |

|                  |        |
|------------------|--------|
| <b>CLASSE R</b>  |        |
| R 500 4-matic    | 555449 |
| R 63 AMG 4-matic | 555449 |

|                      |        |
|----------------------|--------|
| <b>CLASSE S</b>      |        |
| 300 SE 2.8           | 555453 |
| 300 SE, SEL/S320     | 555453 |
| 400 SE, SEL/S420     | 555453 |
| 450 SE               | 555453 |
| 450 SE,SEL           | 555453 |
| 500 SE, SEL          | 555453 |
| CL 500               | 555442 |
| CL 500               | 555449 |
| CL 500 4-matic       | 555442 |
| CL 55 AMG            | 555449 |
| CL 55 AMG Kompressor | 555449 |
| CL 63 AMG            | 555442 |
| CL 63 AMG            | 555449 |
| S 250 CDI            | 555423 |
| S 250 CDI            | 555443 |
| S 280                | 555449 |
| S 280                | 555453 |
| S 320                | 555449 |
| S 350                | 555449 |
| S 350 4-matic        | 555449 |
| S 350 Turbo-D        | 555453 |
| S 420                | 555449 |
| S 430                | 555449 |
| S 430 4-matic        | 555449 |
| S 500                | 555449 |
| S 500                | 555453 |
| S 500 4-matic        | 555449 |
| S 500 CGI            | 555442 |

|                       |        |
|-----------------------|--------|
| S 500 CGI             | 555449 |
| S 500 CGI 4-matic     | 555442 |
| S 500 CGI 4-matic     | 555449 |
| S 500 Maybach         | 555449 |
| S 500 Maybach 4-matic | 555449 |
| S 55 AMG              | 555449 |
| S 55 AMG Kompressor   | 555449 |
| S 63 AMG              | 555442 |
| S 63 AMG              | 555449 |
| SEC/CL 420            | 555453 |

|                 |        |
|-----------------|--------|
| <b>CLASSE V</b> |        |
| V 200           | 555449 |
| V 280           | 555449 |

|            |        |
|------------|--------|
| <b>CLK</b> |        |
| 220 CDI    | 555184 |
| 240        | 555449 |
| 320        | 555449 |
| 430        | 555449 |
| 5.4        | 555449 |
| 500        | 555449 |
| 55 AMG     | 555449 |
| 63 AMG     | 555449 |
| CLK 240    | 555449 |
| CLK 320    | 555449 |
| CLK 500    | 555449 |
| CLK 55 AMG | 555449 |
| CLK 63 AMG | 555449 |

|                           |        |
|---------------------------|--------|
| <b>CLS</b>                |        |
| CLS 250 CDI / BlueTEC / d | 555423 |
| CLS 250 CDI / BlueTEC / d | 555443 |
| CLS 350                   | 555419 |
| CLS 500                   | 555442 |
| CLS 500                   | 555449 |
| CLS 500 4-matic           | 555442 |
| CLS 55 AMG                | 555449 |
| CLS 63 AMG                | 555442 |
| CLS 63 AMG                | 555449 |
| CLS 63 AMG 4-matic        | 555442 |

|              |        |
|--------------|--------|
| <b>COUPE</b> |        |
| 320 CE       | 555453 |

|              |        |
|--------------|--------|
| <b>KOMBI</b> |        |
| 200 T D      | 555453 |
| 250 T D      | 555453 |
| 280 TE       | 555453 |
| 320 TE       | 555453 |

|                   |        |
|-------------------|--------|
| <b>SL</b>         |        |
| 280               | 555449 |
| 280               | 555453 |
| 320               | 555449 |
| 320               | 555453 |
| 350               | 555449 |
| 450 SL            | 555453 |
| 450 SLC           | 555453 |
| 500               | 555442 |
| 500               | 555449 |
| 500               | 555453 |
| 500 SL            | 555453 |
| 55 AMG            | 555449 |
| 55 AMG Kompressor | 555449 |
| 63 AMG            | 555442 |
| 63 AMG            | 555449 |

|                   |        |
|-------------------|--------|
| <b>SLK</b>        |        |
| 250 CDI / d       | 555423 |
| 250 CDI / d       | 555443 |
| 32 AMG Kompressor | 555449 |
| 320               | 555449 |
| 350               | 555419 |
| 55 AMG            | 555449 |

|                 |        |
|-----------------|--------|
| <b>SLR</b>      |        |
| 5.4             | 555449 |
| 5.4 722 Edition | 555449 |

|                |        |
|----------------|--------|
| <b>SLS AMG</b> |        |
| 6.2            | 555449 |
| 6.2 GT         | 555449 |

|                 |        |
|-----------------|--------|
| <b>SPRINTER</b> |        |
| 210 CDI         | 555423 |
| 210 CDI         | 555443 |
| 213 CDI         | 555423 |
| 213 CDI         | 555443 |
| 216 CDI         | 555423 |
| 216 CDI         | 555443 |
| 310 CDI         | 555423 |
| 310 CDI         | 555443 |
| 313 CDI         | 555423 |
| 313 CDI         | 555443 |
| 313 CDI 4x4     | 555423 |
| 313 CDI 4x4     | 555443 |
| 316 CDI         | 555423 |
| 316 CDI         | 555443 |
| 316 CDI 4x4     | 555423 |
| 316 CDI 4x4     | 555443 |
| 410 D           | 555453 |
| 410 D 4x4       | 555453 |
| 412 D           | 555453 |
| 412 D 4x4       | 555453 |
| 414             | 555449 |
| 414 4x4         | 555449 |
| 416 CDI         | 555423 |
| 416 CDI         | 555443 |
| 509 CDI         | 555231 |
| 510 CDI         | 555423 |
| 510 CDI         | 555443 |
| 511 CDI         | 555231 |
| 515 CDI         | 555231 |
| 516 CDI         | 555423 |
| 516 CDI         | 555443 |
| 516 CDI 4x4     | 555423 |
| 516 CDI 4x4     | 555443 |
| 518 CDI         | 555231 |

|                     |        |
|---------------------|--------|
| <b>SPRINTER 2-t</b> |        |
| 212 D               | 555453 |
| 214                 | 555449 |

|                     |        |
|---------------------|--------|
| <b>SPRINTER 3-t</b> |        |
| 310 D               | 555453 |
| 312 D 2.9           | 555453 |
| 312 D 2.9 4x4       | 555453 |
| 314                 | 555449 |
| 314 4x4             | 555449 |

|                    |        |
|--------------------|--------|
| <b>TREM VOLUMI</b> |        |
| 200 D              | 555453 |
| 250 D              | 555453 |
| 280 E              | 555453 |
| 300 TD SD          | 555453 |
| 320 E              | 555453 |
| 400 E 4.2          | 555453 |

|                 |        |
|-----------------|--------|
| <b>UNIMOG</b>   |        |
| U 100L          | 555449 |
| U 90            | 555449 |
| UX 100H,UX 100M | 555449 |

|              |        |
|--------------|--------|
| <b>VANEO</b> |        |
| 1.6          | 555449 |

|              |        |
|--------------|--------|
| <b>VARIO</b> |        |
| 512 D        | 555453 |
| 612 D        | 555453 |
| 812 D        | 555453 |
| O 812        | 555453 |



## Applicazioni veicolari - Vehicles applications

| VIANO           |        |
|-----------------|--------|
| 3.0             | 555449 |
| 3.2             | 555449 |
| 3.7             | 555449 |
| CDI 2.0         | 555184 |
| CDI 2.2         | 555184 |
| CDI 2.2 4-matic | 555184 |

| VITO        |        |
|-------------|--------|
| 109 CDI     | 555184 |
| 111 CDI     | 555184 |
| 111 CDI 4x4 | 555184 |
| 113 2.0     | 555449 |
| 115 CDI     | 555184 |
| 115 CDI 4x4 | 555184 |
| 119         | 555449 |
| 122         | 555449 |
| 123         | 555449 |

| VITO / MIXTO |        |
|--------------|--------|
| 109 CDI      | 555184 |
| 111 CDI      | 555184 |
| 111 CDI 4x4  | 555184 |
| 115 CDI      | 555184 |
| 115 CDI 4x4  | 555184 |
| 119          | 555449 |
| 122          | 555449 |
| 123          | 555449 |

### MINI

| MINI              |        |
|-------------------|--------|
| Cooper S          | 555344 |
| John Cooper Works | 555344 |

| MINI CLUBMAN      |        |
|-------------------|--------|
| Cooper S          | 555344 |
| John Cooper Works | 555344 |

| MINI COUNTRYMAN        |        |
|------------------------|--------|
| Cooper S               | 555344 |
| Cooper S ALL4          | 555344 |
| John Cooper Works ALL4 | 555344 |

| MINI PACEMAN      |        |
|-------------------|--------|
| Cooper S          | 555344 |
| Cooper S ALL4     | 555344 |
| John Cooper Works | 555344 |

### NISSAN

| ALMERA  |        |
|---------|--------|
| 1.5 dCi | 555388 |

| KUBISTAR   |        |
|------------|--------|
| 1.5 dCi    | 555388 |
| 1.5 dCi 85 | 555388 |

| MICRA   |        |
|---------|--------|
| 1.5 dCi | 555210 |
| 1.5 dCi | 555388 |

| NOTE    |        |
|---------|--------|
| 1.5 dCi | 555210 |
| 1.5 dCi | 555388 |

| NV200   |        |
|---------|--------|
| 1.5 dci | 555210 |

| NV200 / EVALIA |        |
|----------------|--------|
| 1.5 dci        | 555210 |

| PRIMASTAR   |        |
|-------------|--------|
| 1.9 dCi 100 | 555186 |

|             |        |
|-------------|--------|
| 1.9 dCi 80  | 555186 |
| 2.0 dCi 115 | 555186 |
| 2.5 dCi 140 | 555186 |
| dCi 120     | 555186 |
| dCi 140     | 555186 |
| dCi 80      | 555186 |

| QASHQAI / QASHQAI +2       |        |
|----------------------------|--------|
| 2.0 dCi                    | 555210 |
| 2.0 dCi                    | 555388 |
| 2.0 dCi Trazione integrale | 555210 |
| 2.0 dCi Trazione integrale | 555388 |

| TIIDA   |        |
|---------|--------|
| 1.5 dCi | 555388 |

| X-TRAIL     |        |
|-------------|--------|
| 2.0 dCi     | 555210 |
| 2.0 dCi FWD | 555210 |

### OPEL

| ANTARA       |        |
|--------------|--------|
| 2.2 CDTi     | 555222 |
| 2.2 CDTi 4x4 | 555222 |

| ARENA |        |
|-------|--------|
| 1.9 D | 555383 |
| 2.5 D | 555383 |

| ASTRA         |        |
|---------------|--------|
| 1.3 CDTi      | 555220 |
| 1.3 CDTi      | 555439 |
| 1.4 i 16V     | 555219 |
| 1.6           | 555182 |
| 1.6 16V       | 555182 |
| 1.6 Turbo     | 555391 |
| 1.7 CDTi      | 555175 |
| 1.7 CDTi      | 555178 |
| 1.7 DTi 16V   | 555057 |
| 1.7 DTi 16V   | 555178 |
| 1.7 TD        | 555064 |
| 1.8           | 555219 |
| 1.8 16V       | 555219 |
| 1.9 CDTi      | 555220 |
| 1.9 CDTi 16V  | 555220 |
| 2.0 16V Turbo | 555180 |
| 2.0 16V Turbo | 555182 |
| 2.0 DTi 16V   | 555196 |
| 2.0 OPC       | 555180 |
| 2.0 OPC       | 555182 |
| 2.0 Turbo     | 555180 |
| 2.2 16V       | 555182 |
| 2.2 DTi       | 555196 |

| ASTRA F CLASSIC |        |
|-----------------|--------|
| 1.4 i           | 555219 |

| ASTRA H  |        |
|----------|--------|
| 1.3 CDTi | 555220 |
| 1.3 CDTi | 555439 |
| 1.7 CDTi | 555175 |
| 1.7 CDTi | 555178 |

| CORSA     |        |
|-----------|--------|
| 1.3 CDTi  | 555220 |
| 1.3 CDTi  | 555356 |
| 1.3 CDTi  | 555392 |
| 1.3 CDTi  | 555441 |
| 1.4       | 555182 |
| 1.6 Turbo | 555391 |
| 1.7 CDTi  | 555057 |
| 1.7 CDTi  | 555175 |
| 1.7 CDTi  | 555178 |
| 1.7 D     | 555196 |

|             |        |
|-------------|--------|
| 1.7 DI      | 555057 |
| 1.7 DI      | 555178 |
| 1.7 DI 16V  | 555057 |
| 1.7 DI 16V  | 555178 |
| 1.7 DTi     | 555057 |
| 1.7 DTi     | 555178 |
| 1.7 DTi 16V | 555057 |
| 1.7 DTi 16V | 555178 |
| 1.8         | 555219 |

| FRONTERA |        |
|----------|--------|
| 2.2 DTi  | 555052 |
| 2.2 DTi  | 555053 |

| INSIGNIA             |        |
|----------------------|--------|
| 2.0 Biturbo CDTi     | 555221 |
| 2.0 Biturbo CDTi 4x4 | 555221 |
| 2.0 CDTi             | 555221 |
| 2.0 CDTi 4x4         | 555221 |

| MERIVA    |        |
|-----------|--------|
| 1.3 CDTi  | 555220 |
| 1.3 CDTi  | 555439 |
| 1.6       | 555182 |
| 1.6 16V   | 555182 |
| 1.6 Turbo | 555391 |
| 1.7 CDTi  | 555175 |
| 1.7 CDTi  | 555178 |
| 1.7 DTi   | 555178 |

| MOVANO   |        |
|----------|--------|
| 1.9 DTi  | 555186 |
| 2.5 CDTi | 555383 |
| 2.5 CDTi | 555390 |
| 2.5 D    | 555383 |
| 2.8 DTi  | 555383 |

| OMEGA       |        |
|-------------|--------|
| 2.0 DTi 16V | 555052 |
| 2.0 DTi 16V | 555053 |
| 2.2 DTi 16V | 555052 |
| 2.2 DTi 16V | 555053 |

| SIGNUM    |        |
|-----------|--------|
| 1.8       | 555219 |
| 1.9 CDTi  | 555335 |
| 2.0 DTi   | 555052 |
| 2.0 DTi   | 555053 |
| 2.0 Turbo | 555218 |
| 2.2 DTi   | 555052 |
| 2.2 DTi   | 555053 |
| 2.2 DTi   | 555196 |
| 2.2 DTi   | 555288 |

| SINTRA  |        |
|---------|--------|
| 2.2 DTi | 555052 |

| SPEEDSTER |        |
|-----------|--------|
| 2.0       | 555180 |
| 2.0 Turbo | 555180 |
| 2.2       | 555182 |

| TIGRA |        |
|-------|--------|
| 1.8   | 555219 |

| VECTRA        |        |
|---------------|--------|
| 1.7 TD        | 555196 |
| 1.8           | 555219 |
| 1.8 16V       | 555219 |
| 1.8 i 16V     | 555219 |
| 1.8 i 16V     | 555376 |
| 1.9 CDTi      | 555335 |
| 2.0 16V Turbo | 555218 |
| 2.0 DI 16V    | 555053 |
| 2.0 DTi       | 555053 |
| 2.0 DTi 16V   | 555053 |





# ERA

## valvole VVT - VVT Valves

### Applicazioni veicolari - Vehicles applications

|             |        |
|-------------|--------|
| 2.0 i 16V   | 555376 |
| 2.0 Turbo   | 555218 |
| 2.2 16V     | 555182 |
| 2.2 DTi     | 555052 |
| 2.2 DTi     | 555053 |
| 2.2 DTi     | 555196 |
| 2.2 DTi     | 555288 |
| 2.2 DTi 16V | 555052 |
| 2.2 DTi 16V | 555053 |
| 2.2 DTi 16V | 555196 |
| 2.2 DTi 16V | 555288 |
| 2.2 i 16V   | 555182 |

|               |        |
|---------------|--------|
| <b>VIVARO</b> |        |
| 1.9 DI        | 555186 |
| 1.9 DTi       | 555186 |
| 2.0 CDTi      | 555186 |
| 2.0 CDTi      | 555383 |
| 2.5 CDTi      | 555383 |
| 2.5 CDTi      | 555390 |
| 2.5 DTi       | 555186 |

|               |        |
|---------------|--------|
| <b>ZAFIRA</b> |        |
| 1.6 16V       | 555182 |
| 1.6 CNG Turbo | 555391 |
| 1.7 CDTi      | 555175 |
| 1.8           | 555219 |
| 1.8 16V       | 555219 |
| 1.9 CDTi      | 555220 |
| 2.0           | 555180 |
| 2.0           | 555391 |
| 2.0 DI 16V    | 555053 |
| 2.0 DTi 16V   | 555053 |
| 2.0 DTi 16V   | 555196 |
| 2.0 OPC       | 555180 |
| 2.2 16V       | 555182 |
| 2.2 DTi 16V   | 555053 |
| 2.2 DTi 16V   | 555196 |

|                      |        |
|----------------------|--------|
| <b>ZAFIRA TOURER</b> |        |
| 1.6 CDTi             | 555393 |
| 1.6 CDTi             | 555440 |
| 1.6 CNG              | 555391 |

### PEUGEOT

|             |        |
|-------------|--------|
| <b>1007</b> |        |
| 1.4 HDi     | 555159 |

|                |        |
|----------------|--------|
| <b>206</b>     |        |
| 1.4 HDi        | 555159 |
| 1.4 HDi eco 70 | 555159 |
| 1.6 HDi 110    | 555161 |
| 2.0 HDi        | 555159 |
| 2.0 HDi        | 555166 |
| 2.0 HDi 90     | 555159 |
| 2.0 HDi 90     | 555166 |

|             |        |
|-------------|--------|
| <b>207</b>  |        |
| 1.4 HDi     | 555360 |
| 1.6 HDi     | 555161 |
| 1.6 HDi     | 555360 |
| 1.6 HDi     | 555382 |
| 1.6 HDi 110 | 555382 |

|               |        |
|---------------|--------|
| <b>207 SW</b> |        |
| 1.6 HDi       | 555360 |
| 1.6 HDi       | 555382 |

|            |        |
|------------|--------|
| <b>208</b> |        |
| 1.4 HDi    | 555360 |
| 1.6 HDi    | 555360 |

|             |        |
|-------------|--------|
| <b>3008</b> |        |
| 2.0 HDi     | 555360 |

|                           |        |
|---------------------------|--------|
| 2.0 HDi                   | 555381 |
| 2.0 HDi 150 / BlueHDi 150 | 555360 |
| 2.0 HDi 150 / BlueHDi 150 | 555381 |

|            |        |
|------------|--------|
| <b>306</b> |        |
| 1.9 D      | 555166 |
| 2.0 HDi 90 | 555166 |

|             |        |
|-------------|--------|
| <b>307</b>  |        |
| 1.4 HDi     | 555159 |
| 1.6 HDi 110 | 555161 |
| 2.0 HDi 110 | 555159 |
| 2.0 HDi 110 | 555233 |
| 2.0 HDi 110 | 555331 |
| 2.0 HDi 110 | 555333 |
| 2.0 HDi 135 | 555159 |
| 2.0 HDi 135 | 555160 |
| 2.0 HDi 135 | 555233 |
| 2.0 HDi 135 | 555331 |
| 2.0 HDi 135 | 555333 |
| 2.0 HDi 90  | 555159 |
| 2.0 HDi 90  | 555331 |

|                       |        |
|-----------------------|--------|
| <b>308</b>            |        |
| 1.2 THP 130           | 555361 |
| 1.6 HDi               | 555360 |
| 1.6 HDi               | 555382 |
| 1.6 HDi               | 555445 |
| 1.6 HDi / BlueHDi 115 | 555445 |
| 2.0 BlueHDi 150       | 555448 |
| 2.0 HDi               | 555233 |
| 2.0 HDi               | 555360 |

|               |        |
|---------------|--------|
| <b>308 CC</b> |        |
| 1.6 HDi       | 555445 |
| 2.0 HDi       | 555233 |

|                       |        |
|-----------------------|--------|
| <b>308 SW</b>         |        |
| 1.2 THP 110           | 555361 |
| 1.2 THP 130           | 555361 |
| 1.6 HDi               | 555445 |
| 1.6 HDi / BlueHDi 115 | 555445 |
| 2.0 BlueHDi 150       | 555448 |
| 2.0 HDi               | 555233 |
| 2.0 HDi               | 555360 |
| 2.0 HDi               | 555381 |

|             |        |
|-------------|--------|
| <b>4008</b> |        |
| 1.6 HDi AWC | 555445 |

|             |        |
|-------------|--------|
| <b>406</b>  |        |
| 2.0 HDi 110 | 555166 |
| 2.0 HDi 110 | 555331 |
| 2.0 HDi 90  | 555166 |
| 2.0 HDi 90  | 555331 |
| 2.2 HDi     | 555331 |

|             |        |
|-------------|--------|
| <b>407</b>  |        |
| 1.6 HDi 110 | 555161 |
| 2.0 HDi     | 555160 |
| 2.0 HDi     | 555233 |
| 2.0 HDi     | 555333 |
| 2.0 HDi     | 555360 |
| 2.0 HDi     | 555381 |
| 2.0 HDi 135 | 555160 |
| 2.0 HDi 135 | 555233 |
| 2.0 HDi 135 | 555333 |
| 2.2 HDi     | 555233 |
| 2.2 HDi     | 555380 |
| 2.2 HDi 170 | 555233 |
| 2.2 HDi 170 | 555380 |

|                           |        |
|---------------------------|--------|
| <b>5008</b>               |        |
| 2.0 HDi 136 / BlueHDi 136 | 555360 |
| 2.0 HDi 136 / BlueHDi 136 | 555381 |
| 2.0 HDi 150 / BlueHDi 150 | 555360 |

|                           |        |
|---------------------------|--------|
| 2.0 HDi 150 / BlueHDi 150 | 555381 |
|---------------------------|--------|

|            |        |
|------------|--------|
| <b>508</b> |        |
| 2.0 HDi    | 555360 |
| 2.0 HDi    | 555381 |

|            |        |
|------------|--------|
| <b>607</b> |        |
| 2.0 HDi    | 555161 |
| 2.0 HDi    | 555166 |
| 2.0 HDi    | 555233 |
| 2.0 HDi    | 555331 |
| 2.2 HDi    | 555166 |
| 2.2 HDi    | 555233 |
| 2.2 HDi    | 555331 |

|             |        |
|-------------|--------|
| <b>806</b>  |        |
| 2.0 HDi     | 555166 |
| 2.0 HDi 16V | 555166 |

|            |        |
|------------|--------|
| <b>807</b> |        |
| 2.0 HDi    | 555166 |
| 2.0 HDi    | 555233 |
| 2.0 HDi    | 555331 |
| 2.0 HDi    | 555360 |
| 2.0 HDi    | 555381 |
| 2.0 HDi    | 555387 |
| 2.2 HDi    | 555166 |
| 2.2 HDi    | 555233 |
| 2.2 HDi    | 555331 |

|              |        |
|--------------|--------|
| <b>BOXER</b> |        |
| 2.0 HDi      | 555166 |
| 2.2 HDi      | 555331 |
| 2.2 HDi 100  | 555331 |
| 2.2 HDi 120  | 555331 |

|               |        |
|---------------|--------|
| <b>EXPERT</b> |        |
| 1.9 D         | 555331 |
| 1.9 D 70      | 555166 |
| 1.9 D 70      | 555331 |
| 2.0 HDi       | 555166 |
| 2.0 HDi 100   | 555360 |
| 2.0 HDi 100   | 555381 |
| 2.0 HDi 120   | 555233 |
| 2.0 HDi 120   | 555387 |
| 2.0 HDi 130   | 555360 |
| 2.0 HDi 130   | 555381 |
| 2.0 HDi 140   | 555233 |
| 2.0 HDi 140   | 555387 |
| 2.0 HDi 165   | 555360 |
| 2.0 HDi 165   | 555381 |
| 2.0 HDi 16V   | 555166 |

|                     |        |
|---------------------|--------|
| <b>EXPERT Tepee</b> |        |
| 2.0 HDi 140         | 555233 |

|                |        |
|----------------|--------|
| <b>PARTNER</b> |        |
| 1.6 HDi        | 555161 |
| 1.6 HDi        | 555380 |
| 1.6 HDi        | 555445 |
| 1.6 HDi 16V    | 555161 |
| 1.6 HDi 16V    | 555380 |
| 1.6 HDi 75     | 555161 |
| 1.6 HDi 90     | 555161 |
| 1.9 D          | 555166 |
| 1.9 D 4x4      | 555166 |
| 2.0 HDi        | 555166 |

|                      |        |
|----------------------|--------|
| <b>PARTNER Tepee</b> |        |
| 1.6 HDi              | 555445 |

### RENAULT

|                 |        |
|-----------------|--------|
| <b>AVANTIME</b> |        |
| 2.0 16V Turbo   | 555330 |



## Applicazioni veicolari - Vehicles applications

|         |        |
|---------|--------|
| 2.2 dCi | 555330 |
| 2.2 dCi | 555383 |

|               |        |
|---------------|--------|
| <b>CAPTUR</b> |        |
| 0.9 TCe 90    | 555346 |
| 0.9 TCe 90    | 555384 |
| 1.2 TCe 120   | 555346 |
| 1.2 TCe 120   | 555384 |
| 1.5 dCi 90    | 555384 |

|             |        |
|-------------|--------|
| <b>CLIO</b> |        |
| 0.9 TCe 90  | 555346 |
| 0.9 TCe 90  | 555384 |
| 1.2 16V     | 555346 |
| 1.2 TCe 120 | 555384 |
| 1.5 dCi     | 555210 |
| 1.5 dCi     | 555384 |
| 1.5 dCi     | 555432 |
| 1.5 dCi 75  | 555384 |
| 1.5 dCi 75  | 555395 |
| 1.5 dCi 90  | 555384 |
| 1.5 dCi 90  | 555395 |
| 1.9 D       | 555383 |
| 1.9 dTi     | 555186 |

|               |        |
|---------------|--------|
| <b>DUSTER</b> |        |
| 1.5 dCi       | 555384 |

|               |        |
|---------------|--------|
| <b>ESPACE</b> |        |
| 1.9 dCi       | 555330 |
| 1.9 dCi       | 555383 |
| 1.9 dTi       | 555186 |
| 2.0 dCi       | 555210 |
| 2.0 dCi       | 555383 |
| 2.0 dCi       | 555384 |
| 2.2 dCi       | 555186 |
| 2.2 dCi       | 555330 |
| 2.2 dCi       | 555383 |

|                |        |
|----------------|--------|
| <b>FLUENCE</b> |        |
| 1.5 dCi        | 555384 |
| 1.5 dCi        | 555388 |

|                     |        |
|---------------------|--------|
| <b>GRAND SCÉNIC</b> |        |
| 1.5 dCi             | 555210 |
| 1.5 dCi             | 555388 |
| 1.9 dCi             | 555330 |
| 1.9 dCi             | 555383 |
| 2.0 dCi             | 555210 |
| 2.0 dCi             | 555383 |

|               |        |
|---------------|--------|
| <b>KANGOO</b> |        |
| 1.2 TCe 115   | 555384 |
| 1.5 dCi       | 555210 |
| 1.5 dCi       | 555384 |
| 1.5 dCi 110   | 555384 |
| 1.5 dCi 75    | 555384 |
| 1.5 dCi 85    | 555210 |
| 1.5 dCi 85    | 555384 |
| 1.5 dCi 90    | 555384 |
| 1.9 dTi       | 555186 |
| D 55 1.9      | 555383 |
| D 65 1.9      | 555383 |

|                              |        |
|------------------------------|--------|
| <b>KANGOO / GRAND KANGOO</b> |        |
| 1.2 TCe 115                  | 555384 |
| 1.5 dCi                      | 555210 |
| 1.5 dCi                      | 555384 |
| 1.5 dCi                      | 555385 |
| 1.5 dCi 110                  | 555384 |

|                      |        |
|----------------------|--------|
| <b>KANGOO BE BOP</b> |        |
| 1.5 dCi              | 555210 |

|               |        |
|---------------|--------|
| <b>KOLEOS</b> |        |
| 2.0 dCi       | 555210 |

|             |        |
|-------------|--------|
| 2.0 dCi     | 555383 |
| 2.0 dCi     | 555384 |
| 2.0 dCi 4x4 | 555210 |
| 2.0 dCi 4x4 | 555383 |
| 2.0 dCi 4x4 | 555384 |

|               |        |
|---------------|--------|
| <b>LAGUNA</b> |        |
| 1.5 dCi       | 555210 |
| 1.9 dCi       | 555186 |
| 1.9 dCi       | 555330 |
| 1.9 dCi       | 555383 |
| 1.9 dTi       | 555186 |
| 2.0 dCi       | 555210 |
| 2.0 dCi       | 555383 |
| 2.0 dCi       | 555384 |
| 2.0 dCi GT    | 555210 |
| 2.0 dCi GT    | 555383 |
| 2.2 dCi       | 555330 |
| 2.2 dCi       | 555384 |
| 3.0 dCi       | 555383 |

|                   |        |
|-------------------|--------|
| <b>MASTER</b>     |        |
| 1.9 DTI           | 555186 |
| 2.3 dCi 100 FWD   | 555210 |
| 2.3 dCi 100 FWD   | 555383 |
| 2.3 dCi 125 [RWD] | 555210 |
| 2.3 dCi 125 [RWD] | 555383 |
| 2.3 dCi 125 FWD   | 555210 |
| 2.3 dCi 125 FWD   | 555383 |
| 2.3 dCi 145 [RWD] | 555383 |
| 2.5 D             | 555383 |
| 2.5 dCi           | 555330 |
| 2.5 dCi           | 555383 |

|               |        |
|---------------|--------|
| <b>MEGANE</b> |        |
| 1.2 TCe       | 555346 |
| 1.4 TCe       | 555346 |
| 1.5 dCi       | 555210 |
| 1.5 dCi       | 555385 |
| 1.9 D         | 555383 |
| 1.9 dCi       | 555186 |
| 1.9 dCi       | 555330 |
| 1.9 dCi       | 555383 |
| 1.9 dCi       | 555384 |
| 1.9 dTi       | 555186 |
| 2.0 dCi       | 555210 |
| 2.0 dCi       | 555383 |
| 2.0 TCe       | 555346 |

|                  |        |
|------------------|--------|
| <b>MEGANE CC</b> |        |
| 2.0 dCi          | 555383 |

|                            |        |
|----------------------------|--------|
| <b>MODUS / GRAND MODUS</b> |        |
| 1.2 16V                    | 555346 |
| 1.5 dCi                    | 555210 |
| 1.5 dCi                    | 555432 |
| 1.5 dCi 75                 | 555432 |

|               |        |
|---------------|--------|
| <b>SCÉNIC</b> |        |
| 1.4 16V       | 555346 |
| 1.5 dCi       | 555210 |
| 1.5 dCi       | 555388 |
| 1.9 D         | 555330 |
| 1.9 D         | 555383 |
| 1.9 dCi       | 555186 |
| 1.9 dCi       | 555330 |
| 1.9 dCi       | 555383 |
| 1.9 dCi RX4   | 555186 |
| 1.9 dTi       | 555186 |
| 2.0 dCi       | 555210 |
| 2.0 dCi       | 555383 |

|               |        |
|---------------|--------|
| <b>THALIA</b> |        |
| 1.5 dCi       | 555210 |

|               |  |
|---------------|--|
| <b>TRAFIC</b> |  |
|---------------|--|

|       |        |
|-------|--------|
| 1.9 D | 555383 |
| 2.5 D | 555383 |

|                  |        |
|------------------|--------|
| <b>TRAFIC II</b> |        |
| 1.9 dCi          | 555186 |
| 1.9 dCi 100      | 555186 |
| 1.9 dCi 80       | 555186 |
| 2.0 dCi 115      | 555186 |
| 2.0 dCi 115      | 555383 |
| 2.0 dCi 90       | 555186 |
| 2.0 dCi 90       | 555383 |
| 2.5 dCi          | 555330 |
| 2.5 dCi          | 555383 |
| 2.5 dCi 135      | 555186 |
| 2.5 dCi 145      | 555330 |
| 2.5 dCi 145      | 555383 |
| 2.5 DTI          | 555186 |

|               |        |
|---------------|--------|
| <b>TWINGO</b> |        |
| 1.2 Turbo     | 555346 |
| 1.5 dCi       | 555210 |

|                  |        |
|------------------|--------|
| <b>VEL SATIS</b> |        |
| 2.0 dCi          | 555210 |
| 2.0 dCi          | 555383 |
| 2.2 dCi          | 555330 |
| 2.2 dCi          | 555383 |

|             |  |
|-------------|--|
| <b>SAAB</b> |  |
|-------------|--|

|            |        |
|------------|--------|
| <b>9-3</b> |        |
| 1.9 TTiD   | 555438 |
| 2.2 TiD    | 555053 |

|             |        |
|-------------|--------|
| <b>9-3X</b> |        |
| 1.9 TTiD    | 555438 |

|            |        |
|------------|--------|
| <b>9-5</b> |        |
| 1.6 Turbo  | 555391 |

|             |  |
|-------------|--|
| <b>SEAT</b> |  |
|-------------|--|

|                 |        |
|-----------------|--------|
| <b>ALHAMBRA</b> |        |
| 1.8 T 20V       | 555172 |
| 1.9 TDI         | 555155 |
| 1.9 TDI         | 555156 |
| 1.9 TDI         | 555158 |
| 1.9 TDI         | 555172 |
| 1.9 TDI         | 555173 |
| 1.9 TDI         | 555198 |
| 1.9 TDI         | 555238 |
| 1.9 TDI 4motion | 555158 |
| 1.9 TDI 4motion | 555172 |
| 1.9 TDI 4motion | 555173 |
| 1.9 Tdi 4x4     | 555158 |
| 1.9 Tdi 4x4     | 555172 |
| 1.9 Tdi 4x4     | 555173 |
| 2.0 i           | 555164 |
| 2.0 i           | 555172 |
| 2.0 TDI         | 555171 |
| 2.8 V6          | 555172 |
| 2.8 V6 4motion  | 555172 |

|              |        |
|--------------|--------|
| <b>ALTEA</b> |        |
| 1.9 TDI      | 555171 |
| 2.0 TDI      | 555171 |

|                 |        |
|-----------------|--------|
| <b>ALTEA XL</b> |        |
| 1.9 TDI         | 555171 |
| 2.0 TDI         | 555171 |
| 2.0 TDI 4x4     | 555171 |

|              |        |
|--------------|--------|
| <b>AROSA</b> |        |
| 1.4 TDI      | 555155 |



# ERA

## valvole VVT - VVT Valves

### Applicazioni veicolari - Vehicles applications

|         |        |
|---------|--------|
| 1.4 TDI | 555238 |
| 1.7 SDI | 555156 |

| CORDOBA         |        |
|-----------------|--------|
| 1.4 i 16V       | 555164 |
| 1.4 TDI         | 555171 |
| 1.6             | 555455 |
| 1.6 i           | 555455 |
| 1.8 T 20V Cupra | 555238 |
| 1.9 D           | 555155 |
| 1.9 D           | 555156 |
| 1.9 SDI         | 555155 |
| 1.9 SDI         | 555158 |
| 1.9 TDI         | 555155 |
| 1.9 TDI         | 555156 |
| 1.9 TDI         | 555171 |
| 1.9 TDI         | 555238 |

| CORDOBA 2 volumi /Coda spiovente |        |
|----------------------------------|--------|
| 1.9 D                            | 555155 |

| IBIZA           |        |
|-----------------|--------|
| 1.4 i 16V       | 555164 |
| 1.4 TDI         | 555171 |
| 1.6             | 555455 |
| 1.6 i           | 555455 |
| 1.8 T 20V Cupra | 555238 |
| 1.8 T Cupra R   | 555198 |
| 1.8 T FR        | 555198 |
| 1.9 SDI         | 555155 |
| 1.9 SDI         | 555158 |
| 1.9 TDI         | 555155 |
| 1.9 TDI         | 555156 |
| 1.9 TDI         | 555171 |
| 1.9 TDI         | 555238 |

| INCA    |        |
|---------|--------|
| 1.7 D   | 555155 |
| 1.9 SDI | 555155 |

| LEON           |        |
|----------------|--------|
| 1.4 16V        | 555164 |
| 1.6            | 555455 |
| 1.8 20V        | 555172 |
| 1.8 20V        | 555175 |
| 1.8 20V T      | 555179 |
| 1.8 20V T 4    | 555179 |
| 1.8 T Cupra R  | 555179 |
| 1.8 Turbo 4x4  | 555179 |
| 1.9 SDI        | 555155 |
| 1.9 SDI        | 555158 |
| 1.9 TDI        | 555155 |
| 1.9 TDI        | 555156 |
| 1.9 TDI        | 555158 |
| 1.9 TDI        | 555171 |
| 1.9 TDI        | 555173 |
| 1.9 TDI        | 555198 |
| 1.9 TDI        | 555238 |
| 1.9 TDI Syncro | 555158 |
| 1.9 TDI Syncro | 555171 |
| 2.0 TDI        | 555171 |

| TOLEDO    |        |
|-----------|--------|
| 1.4 16V   | 555164 |
| 1.6       | 555455 |
| 1.8 16V   | 555172 |
| 1.8 20V   | 555172 |
| 1.8 20V   | 555175 |
| 1.8 20V T | 555179 |
| 1.9 SDI   | 555155 |
| 1.9 TDI   | 555155 |
| 1.9 TDI   | 555156 |
| 1.9 TDI   | 555158 |
| 1.9 TDI   | 555171 |
| 1.9 TDI   | 555173 |
| 1.9 TDI   | 555198 |

|         |        |
|---------|--------|
| 1.9 TDI | 555238 |
| 2.0 TDI | 555171 |

| SKODA   |        |
|---------|--------|
| FABIA   |        |
| 1.4 TDI | 555171 |
| 1.9 SDI | 555158 |
| 1.9 TDI | 555158 |
| 1.9 TDI | 555171 |
| 1.9 TDI | 555173 |

| OCTAVIA     |        |
|-------------|--------|
| 1.6         | 555455 |
| 1.8         | 555175 |
| 1.8 20V     | 555175 |
| 1.8 T       | 555179 |
| 1.8 T 4x4   | 555179 |
| 1.9 SDI     | 555155 |
| 1.9 SDI     | 555158 |
| 1.9 TDI     | 555155 |
| 1.9 TDI     | 555156 |
| 1.9 TDI     | 555158 |
| 1.9 TDI     | 555171 |
| 1.9 TDI     | 555173 |
| 1.9 TDI     | 555198 |
| 1.9 TDI     | 555238 |
| 1.9 Tdi 4x4 | 555155 |
| 1.9 Tdi 4x4 | 555158 |
| 1.9 Tdi 4x4 | 555171 |
| 1.9 Tdi 4x4 | 555173 |
| 1.9 Tdi 4x4 | 555198 |
| 1.9 Tdi 4x4 | 555238 |
| 2.0 TDI     | 555171 |
| 2.0 TDI RS  | 555171 |

| ROOMSTER |        |
|----------|--------|
| 1.4 TDI  | 555171 |
| 1.9 TDI  | 555171 |

| SUPERB      |        |
|-------------|--------|
| 1.8 T       | 555378 |
| 1.9 TDI     | 555155 |
| 1.9 TDI     | 555158 |
| 1.9 TDI     | 555173 |
| 2.0 TDI     | 555158 |
| 2.0 TDI     | 555171 |
| 2.0 TDI     | 555173 |
| 2.0 TDI 4x4 | 555171 |
| 2.5 TDI     | 555171 |
| 2.5 TDI     | 555433 |
| 2.8 V6      | 555378 |

| SMART |  |
|-------|--|
|-------|--|

| FORTWO           |        |
|------------------|--------|
| 0.8 CDI          | 555231 |
| 1.0              | 555449 |
| 1.0 Brabus       | 555449 |
| 1.0 Turbo        | 555449 |
| 1.0 Turbo Brabus | 555449 |

| SSANGYONG |  |
|-----------|--|
|-----------|--|

| CHAIRMAN |        |
|----------|--------|
| 3.2      | 555453 |

| KORANDO |        |
|---------|--------|
| 3.2     | 555453 |

| MUSSO |        |
|-------|--------|
| 3.2   | 555453 |

| REXTON |        |
|--------|--------|
| 3.2    | 555453 |

| SUZUKI       |        |
|--------------|--------|
| SX4          |        |
| 1.9 DDiS     | 555446 |
| 1.9 DDiS 4x4 | 555446 |
| 2.0 DDiS     | 555446 |
| 2.0 DDiS 4x4 | 555446 |

| TOYOTA |  |
|--------|--|
|--------|--|

| AURIS    |        |
|----------|--------|
| 2.0 D-4D | 555379 |
| 2.2 D    | 555379 |

| AVENSIS   |        |
|-----------|--------|
| 2.0 D-4D  | 555379 |
| 2.2 D-4D  | 555379 |
| 2.2 D-CAT | 555379 |

| COROLLA  |        |
|----------|--------|
| 2.0 D-4D | 555379 |
| 2.2 D-4D | 555379 |

| RAV 4     |        |
|-----------|--------|
| 2.0 D 4WD | 555307 |
| 2.2 D 4WD | 555379 |

| VERSO     |        |
|-----------|--------|
| 2.2 D-CAT | 555379 |

| VAUXHALL |  |
|----------|--|
|----------|--|

| ARENA |        |
|-------|--------|
| 1.9 D | 555383 |
| 2.5 D | 555383 |

| ASTRA            |        |
|------------------|--------|
| 1.3 CDTI         | 555220 |
| 1.3 CDTI         | 555439 |
| 1.4 i 16V        | 555219 |
| 1.6 16V          | 555182 |
| 1.7 CDTI         | 555175 |
| 1.7 CDTI         | 555178 |
| 1.7 CDTI 16V     | 555175 |
| 1.7 CDTI 16V     | 555178 |
| 1.7 DTI 16V      | 555175 |
| 1.7 DTI 16V      | 555178 |
| 1.7 TD           | 555064 |
| 1.8              | 555219 |
| 1.8 16V          | 555219 |
| 1.8 16V Dualfuel | 555219 |
| 1.8 i 16V        | 555376 |
| 1.9 CDTI         | 555220 |
| 1.9 CDTI 16V     | 555220 |
| 2.0              | 555180 |
| 2.0 16V Turbo    | 555180 |
| 2.0 DTI 16V      | 555196 |
| 2.0 SRI Turbo    | 555180 |
| 2.0 Turbo        | 555180 |
| 2.0 VXR          | 555180 |
| 2.2 16V          | 555182 |

| ASTRAVAN    |        |
|-------------|--------|
| 1.3 CDTI    | 555220 |
| 1.3 CDTI    | 555439 |
| 1.7 CDTI    | 555175 |
| 1.7 CDTI    | 555178 |
| 1.7 DTI 16V | 555178 |
| 1.7 TD      | 555064 |
| 1.9 CDTI    | 555220 |



## Applicazioni veicolari - Vehicles applications

2.0 DTi 555196

### CORSA

1.3 CDTi 555392  
1.4 16V 555182  
1.7 CDTi 16V 555175  
1.7 D 555196  
1.7 DI 16V 555178  
1.7 DTi 16V 555178  
1.8 16V 555219

### CORSAVAN

1.7 D 555196  
1.7 DI 16V 555178  
1.7 DTi 16V 555178

### FRONTERA

2.2 DTi 555052

### MERIVA

1.3 CDTi 555220  
1.3 CDTi 555439  
1.6 i 555182  
1.6 i 16V 555182  
1.7 CDTi 555175  
1.7 CDTi 555178

### MOVANO

1.9 DTi 555186  
2.3 CDTi [RWD] 555383  
2.3 CDTi FWD 555383  
2.8 DTi 555383  
2.8 TDi 555383

### OMEGA

2.0 DTi 16V 555052  
2.2 DTi 16V 555052

### SIGNUM

1.8 555219  
1.9 CDTi 555335  
1.9 CDTi 16V 555335  
2.0 DTi 555052  
2.2 DTi 555052  
2.2 DTi 555196  
2.2 DTi 555288

### SINTRA

2.2 DTi 555052

### TIGRA

1.8 555219

### VECTRA

1.7 TD 555196  
1.8 555219  
1.8 i 16V 555219  
1.9 CDTi 555335  
1.9 CDTi 16V 555335  
2.2 16V 555182  
2.2 DTi 16V 555052  
2.2 DTi 16V 555196  
2.2 DTi 16V 555288  
2.2 i 16V 555182

### VIVARO

1.9 DI 555186  
1.9 DTi 555186  
2.0 CDTi 555186  
2.0 CDTi 555383  
2.5 CDTi 555186  
2.5 CDTi 555383  
2.5 CDTi 555390  
2.5 DTi 555186  
2.5 DTi 555383  
2.5 DTi 555390

### VX220

2.0 i Turbo 555180  
2.2 i 555182

### ZAFIRA

1.7 CDTi 555175  
1.8 16V 555219  
1.8 Dualfuel 555219  
1.9 CDTi 555220  
2.0 555180  
2.0 DTi 16V 555196  
2.0 GSi Turbo 555180  
2.2 16V 555182

## VOLVO

### C30

2.0 D 555234

### S40

1.6 555334  
1.8 555334  
1.9 DI 555332  
2.0 555334  
2.0 D 555160  
2.0 D 555234  
2.0 D 555334  
2.0 D4 555160  
2.0 T4 555334

### S60

D5 555457  
D5 AWD 555457  
T5 555458  
T6 555458

### S70

2.0 555334  
2.0 Turbo 555334  
2.3 T-5 555334  
2.3 T5 AWD 555334  
2.4 555334  
2.4 Bifuel 555334  
2.4 T5 AWD 555334  
2.4 Turbo 555334

### S80

2.0 TDi 555234  
D5 555457  
D5 AWD 555457  
T5 555458

### V40

1.6 555334  
1.8 555334  
1.9 DI 555332  
1.9 T4 555334  
2.0 555334  
2.0 T 555334  
T5 555458  
T5 AWD 555458

### V50

2.0 D 555160  
2.0 D 555234

### V60

D5 555457  
D5 AWD 555457  
T5 555458  
T6 555458

### V70

2.0 555334  
2.0 D 555234

2.0 Turbo 555334

2.0 Turbo AWD 555334

2.4 555334

2.4 Bifuel 555334

D5 555457

D5 AWD 555457

T5 555458

### XC60

2.4 D / D3 / D4 AWD 555457

D5 AWD 555457

T5 555458

T6 555458

### XC70

2.4 D / D4 AWD 555457

D5 AWD 555457

T5 555458

## VW

### BORA

1.4 16V 555164

1.6 555455

1.6 FSI 555172

1.8 555172

1.8 555175

1.8 4motion 555172

1.8 4motion 555175

1.8 T 555179

1.9 SDI 555155

1.9 SDI 555158

1.9 TDi 555155

1.9 TDi 555156

1.9 TDi 555158

1.9 TDi 555171

1.9 TDi 555173

1.9 TDi 555198

1.9 TDi 555238

1.9 TDi 4motion 555155

1.9 TDi 4motion 555156

1.9 TDi 4motion 555158

1.9 TDi 4motion 555171

1.9 TDi 4motion 555173

1.9 TDi 4motion 555198

1.9 TDi 4motion 555238

### CADDY

1.9 SDI 555155

1.9 SDI 555238

1.9 TDi 555155

1.9 TDi 555156

1.9 TDi 555171

1.9 TDi 555238

1.9 TDi 4motion 555171

2.0 TDi 555171

### CRAFTER 30-35

2.5 TDi 555171

### CRAFTER 30-50

2.5 TDi 555171

### EOS

2.0 TDi 555171

### FOX

1.9 D 555158

### GOLF

1.4 16V 555164

1.6 555164

1.6 555455

1.6 FSI 555172

1.8 555172



## Applicazioni veicolari - Vehicles applications

|                 |        |
|-----------------|--------|
| 1.8             | 555175 |
| 1.8 4motion     | 555172 |
| 1.8 4motion     | 555175 |
| 1.8 T           | 555179 |
| 1.9 D           | 555238 |
| 1.9 SDI         | 555155 |
| 1.9 SDI         | 555158 |
| 1.9 TDI         | 555155 |
| 1.9 TDI         | 555156 |
| 1.9 TDI         | 555158 |
| 1.9 TDI         | 555171 |
| 1.9 TDI         | 555173 |
| 1.9 TDI         | 555198 |
| 1.9 TDI         | 555238 |
| 1.9 TDI 4motion | 555155 |
| 1.9 TDI 4motion | 555156 |
| 1.9 TDI 4motion | 555158 |
| 1.9 TDI 4motion | 555171 |
| 1.9 TDI 4motion | 555173 |
| 1.9 TDI 4motion | 555198 |
| 1.9 TDI 4motion | 555238 |
| 1.9 TDi GTi     | 555158 |
| 1.9 TDi GTi     | 555171 |
| 1.9 TDI Syncro  | 555155 |
| 1.9 TDI Syncro  | 555238 |
| 2.0 TDI         | 555171 |
| 2.0 TDI 4motion | 555171 |
| 3.2             | 555172 |
| 3.2 R32 4motion | 555172 |

|              |        |
|--------------|--------|
| <b>JETTA</b> |        |
| 1.9 TDI      | 555171 |
| 2.0 TDI      | 555171 |

|                 |        |
|-----------------|--------|
| <b>LT 28-35</b> |        |
| 2.3             | 555453 |
| 2.5 SDI         | 555155 |
| 2.5 SDI         | 555453 |
| 2.5 TDI         | 555155 |
| 2.5 TDI         | 555156 |
| 2.5 TDI         | 555158 |
| 2.5 TDI         | 555173 |
| 2.5 TDI         | 555453 |
| 2.8 TDI         | 555158 |
| 2.8 TDI         | 555173 |

|                 |        |
|-----------------|--------|
| <b>LT 28-46</b> |        |
| 2.3             | 555453 |
| 2.5 SDI         | 555155 |
| 2.5 SDI         | 555453 |
| 2.5 TDI         | 555155 |
| 2.5 TDI         | 555156 |
| 2.5 TDI         | 555158 |
| 2.5 TDI         | 555173 |
| 2.5 TDI         | 555453 |
| 2.8 TDI         | 555158 |
| 2.8 TDI         | 555173 |

|             |        |
|-------------|--------|
| <b>LUPO</b> |        |
| 1.2 TDI 3L  | 555155 |
| 1.2 TDI 3L  | 555156 |
| 1.4 16V     | 555164 |
| 1.4 FSI     | 555172 |
| 1.4 TDI     | 555155 |
| 1.4 TDI     | 555238 |
| 1.7 SDI     | 555156 |

|                 |        |
|-----------------|--------|
| <b>MULTIVAN</b> |        |
| 1.9 TDI         | 555171 |
| 2.5 TDI         | 555171 |
| 2.5 TDI         | 555172 |
| 2.5 TDI 4motion | 555171 |
| 2.5 TDI 4motion | 555172 |
| 3.2 V6          | 555172 |
| 3.2 V6 4motion  | 555172 |

|                   |        |
|-------------------|--------|
| <b>NEW BEETLE</b> |        |
| 1.6               | 555455 |
| 1.8 T             | 555198 |
| 1.8 T             | 555238 |
| 1.9 TDI           | 555155 |
| 1.9 TDI           | 555156 |
| 1.9 TDI           | 555158 |
| 1.9 TDI           | 555171 |
| 1.9 TDI           | 555172 |
| 1.9 TDI           | 555173 |

|                        |        |
|------------------------|--------|
| <b>PASSAT</b>          |        |
| 1.6                    | 555164 |
| 1.6                    | 555455 |
| 1.8                    | 555455 |
| 1.8 Syncro/4motion     | 555455 |
| 1.8 T                  | 555378 |
| 1.8 T 20V              | 555378 |
| 1.9 TDI                | 555155 |
| 1.9 TDI                | 555156 |
| 1.9 TDI                | 555158 |
| 1.9 TDI                | 555171 |
| 1.9 TDI                | 555173 |
| 1.9 TDI                | 555238 |
| 1.9 TDI 4motion        | 555155 |
| 1.9 TDI 4motion        | 555156 |
| 1.9 TDI 4motion        | 555158 |
| 1.9 TDI 4motion        | 555173 |
| 1.9 TDI Syncro/4motion | 555155 |
| 1.9 TDI Syncro/4motion | 555156 |
| 2.0 BlueTDI            | 555171 |
| 2.0 TDI                | 555158 |
| 2.0 TDI                | 555171 |
| 2.0 TDI                | 555173 |
| 2.0 TDI 16V            | 555171 |
| 2.0 TDI 16V 4motion    | 555171 |
| 2.0 TDI 4motion        | 555171 |
| 2.5 TDI                | 555171 |
| 2.5 TDI                | 555433 |
| 2.5 TDI 4motion        | 555171 |
| 2.5 TDI 4motion        | 555433 |
| 2.5 TDI Syncro/4motion | 555171 |
| 2.8 4motion            | 555378 |
| 2.8 Syncro             | 555378 |
| 2.8 V6                 | 555378 |
| 2.8 V6 Syncro/4motion  | 555378 |
| 2.8 VR6                | 555164 |
| 2.9 VR6 Syncro         | 555164 |

|                  |        |
|------------------|--------|
| <b>PASSAT CC</b> |        |
| 2.0 BlueTDI      | 555171 |
| 2.0 TDI          | 555171 |
| 2.0 TDI 4motion  | 555171 |

|                     |        |
|---------------------|--------|
| <b>PHAETON</b>      |        |
| 3.0 V6 TDI 4motion  | 555172 |
| 3.0 V6 TDI 4motion  | 555236 |
| 3.2 V6              | 555172 |
| 3.2 V6 4motion      | 555172 |
| 4.2 V8 4motion      | 555172 |
| 5.0 V10 TDI 4motion | 555172 |
| 6.0 W12 4motion     | 555172 |

|                     |        |
|---------------------|--------|
| <b>POLO</b>         |        |
| 1.4 16V             | 555164 |
| 1.4 TDI             | 555155 |
| 1.4 TDI             | 555171 |
| 1.4 TDI             | 555238 |
| 1.6                 | 555455 |
| 1.7 SDI             | 555155 |
| 1.7 SDI             | 555156 |
| 1.8 GTi             | 555198 |
| 1.8 GTi Cup Edition | 555198 |
| 1.9 SDI             | 555155 |
| 1.9 SDI             | 555156 |
| 1.9 SDI             | 555158 |

|             |        |
|-------------|--------|
| 1.9 TDI     | 555155 |
| 1.9 TDI     | 555156 |
| 1.9 TDI     | 555171 |
| 1.9 TDI     | 555238 |
| 100 1.4 16V | 555164 |
| 100 1.6     | 555455 |
| 110 1.9 TDI | 555155 |
| 110 1.9 TDI | 555156 |
| 57 1.7 SDI  | 555155 |
| 60 1.7 SDI  | 555156 |
| 64 1.9 SDI  | 555155 |
| 68 1.9 SDI  | 555155 |
| 90 1.9 TDI  | 555155 |
| 90 1.9 TDI  | 555156 |
| 90 1.9 TDI  | 555238 |

|                    |        |
|--------------------|--------|
| <b>SHARAN</b>      |        |
| 1.8 T 20V          | 555172 |
| 1.9 TDI            | 555155 |
| 1.9 TDI            | 555156 |
| 1.9 TDI            | 555158 |
| 1.9 TDI            | 555172 |
| 1.9 TDI            | 555173 |
| 1.9 TDI            | 555198 |
| 1.9 TDI            | 555238 |
| 1.9 TDI 4motion    | 555158 |
| 1.9 TDI 4motion    | 555172 |
| 1.9 TDI 4motion    | 555173 |
| 2.0                | 555164 |
| 2.0                | 555172 |
| 2.0 TDI            | 555171 |
| 2.8 V6 24V         | 555172 |
| 2.8 V6 24V 4motion | 555172 |
| 2.8 VR6            | 555164 |
| 2.8 VR6 Syncro     | 555164 |

|                               |        |
|-------------------------------|--------|
| <b>SPACEFOX / SPACE CROSS</b> |        |
| 1.9 SDI                       | 555158 |

|                 |        |
|-----------------|--------|
| <b>TIGUAN</b>   |        |
| 2.0 TDI         | 555171 |
| 2.0 TDI 4motion | 555171 |

|                   |        |
|-------------------|--------|
| <b>TOUAREG</b>    |        |
| 2.5 R5 TDI        | 555173 |
| 3.0 TDI           | 555236 |
| 3.0 V6 TDI        | 555236 |
| 3.0 V6 TSI        | 555345 |
| 3.0 V6 TSI Hybrid | 555345 |
| 5.0 V10 TDI       | 555158 |

|               |        |
|---------------|--------|
| <b>TOURAN</b> |        |
| 1.9 TDI       | 555171 |
| 2.0 TDI       | 555171 |

|                    |        |
|--------------------|--------|
| <b>TRANSPORTER</b> |        |
| 1.9 TDI            | 555171 |
| 2.5                | 555164 |
| 2.5 Syncro         | 555164 |
| 2.5 TDI            | 555155 |
| 2.5 TDI            | 555156 |
| 2.5 TDI            | 555171 |
| 2.5 TDI            | 555172 |
| 2.5 TDI 4motion    | 555171 |
| 2.5 TDI 4motion    | 555172 |
| 2.5 TDI Syncro     | 555155 |
| 2.5 TDI Syncro     | 555156 |
| 2.8 VR 6           | 555164 |
| 2.8 VR 6           | 555172 |
| 2.8 VR6            | 555164 |
| 2.8 VR6            | 555172 |
| 3.2 4motion        | 555172 |
| 3.2 V6             | 555172 |
| 3.2 V6 4motion     | 555172 |

|              |  |
|--------------|--|
| <b>VENTO</b> |  |
|--------------|--|





# ERA

## valvole VVT - VVT Valves

### Applicazioni veicolari - Vehicles applications

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|         |        |
|---------|--------|
| 1.6     | 555455 |
| 1.9 D   | 555238 |
| 1.9 SDI | 555155 |
| 1.9 TDI | 555155 |
| 1.9 TDI | 555156 |
| 1.9 TDI | 555238 |

#### VW (FAW)

|           |        |
|-----------|--------|
| SAGITAR   |        |
| 1.8 Turbo | 555198 |



**ERA**  
VVT Valves

| ERA Code                                               | Subgroup                              | OE / Comparable code                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Used on vehicles                                                                                                                                                                                                                                                                                  |
|--------------------------------------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>554000</b>                                          | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>FORD</b><br>1478181, 6M5G 6L713 AB<br><b>INA</b><br>427 0003 10<br><b>VOLVO</b><br>31216221, 36002687                                                                                                                                                                                                                                                                                                                                                                                                       | <b>FORD</b><br>KUGA, MONDEO, S-MAX<br><b>VOLVO</b><br>C30, C70, S40, S80, V50, V70<br><b>VOLVO (CHANGAN)</b><br>S40, S80L                                                                                                                                                                         |
| Fitting Position: Intake Side, Number of connectors: 2 |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                   |
| <b>554001</b>                                          | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>FORD</b><br>1478182, 6M5G 6L713 BB<br><b>INA</b><br>427 0004 10<br><b>VOLVO</b><br>31216222, 36002688                                                                                                                                                                                                                                                                                                                                                                                                       | <b>FORD</b><br>KUGA, MONDEO, S-MAX<br><b>VOLVO</b><br>C30, C70, S40, S80, V50, V70<br><b>VOLVO (CHANGAN)</b><br>S40, S80L                                                                                                                                                                         |
| Fitting Position: Outlet Side, Number of connectors: 2 |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                   |
| <b>554002</b>                                          | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>FIAT</b><br>55209166<br><b>FORD</b><br>1544172, 9S51-12K073-AA, 9S51-12K073-AB<br><b>INA</b><br>427 0008 10                                                                                                                                                                                                                                                                                                                                                                                                 | <b>FIAT</b><br>500, DOBLO, GRANDE PUNTO, IDEA, LINEA, PANDA, PUNTO, PUNTO EVO<br><b>FORD</b><br>KA<br><b>LANCIA</b><br>MUSA, YPSILON                                                                                                                                                              |
| Number of connectors: 2                                |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                   |
| <b>554003</b>                                          | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>CHEVROLET</b><br>55 567 050<br><b>INA</b><br>427 0014 10<br><b>OPEL</b><br>12 35 299, 55 567 050<br><b>PIERBURG</b><br>7.06117.08.0                                                                                                                                                                                                                                                                                                                                                                         | <b>BUICK (SGM)</b><br>EXCELLE GT, EXCELLE XT, REGAL<br><b>CHEVROLET</b><br>AVEO, CRUZE<br><b>CHEVROLET (SGM)</b><br>AVEO, CRUZE, EPICA<br><b>OPEL</b><br>ASTRA, ASTRA H, ASTRA J, INSIGNIA, MOKKA / MOKKA X, ZAFIRA, ZAFIRA TOURER<br><b>VAUXHALL</b><br>ASTRA, INSIGNIA, MOKKA / MOKKA X, ZAFIRA |
| Fitting Position: Intake Side, Number of connectors: 2 |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                   |
| <b>554004</b>                                          | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>BUICK</b><br>1 257 8517, 1 262 8347, 1 264 6783, 1 265 5420<br><b>CHEVROLET</b><br>12 578 517, 12 628 347, 12 646 783, 12 655 420<br><b>OPEL</b><br>12 35 095, 12 35 116, 12 578 517, 12 628 347, 12 646 783, 12 655 420, 48 05 105, 48 14 188<br><b>PIERBURG</b><br>7.06117.05.0<br><b>PONTIAC</b><br>12578517, 12628347, 12646783, 12655420<br><b>SAAB</b><br>12 628 347, 12 646 783, 12 655 420<br><b>VAUXHALL</b><br>1235095, 1235116, 12 578 517, 12 628 347, 12 646 783, 12 655 420, 4805105, 4814188 | <b>CHEVROLET</b><br>CAPTIVA, EQUINOX, HHR, MALIBU<br><b>OPEL</b><br>ANTARA, ASTRA, GT, INSIGNIA<br><b>PONTIAC</b><br>SOLSTICE<br><b>SAAB</b><br>9-3, 9-5<br><b>VAUXHALL</b><br>ANTARA, INSIGNIA                                                                                                   |
| Fitting Position: Intake Side, Number of connectors: 2 |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                   |
| <b>554005</b>                                          | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>BUICK</b><br>1 257 8518, 1 262 8348, 1 264 6784, 1 265 5421<br><b>CHEVROLET</b><br>12 578 518, 12 628 348, 12 646 784, 12 655 421<br><b>OPEL</b><br>12 47 368, 12 47 631, 12 578 518, 12 628 348, 12 646 784, 12 655 421, 48 05 106, 48 14 189<br><b>PIERBURG</b><br>7.06117.06.0<br><b>PONTIAC</b><br>12578518, 12628348, 12646784, 12655421<br><b>SAAB</b><br>12 628 348, 12 646 784, 12 655 421<br><b>VAUXHALL</b><br>1247368, 1247631, 12 578 518, 12 628 348, 12 646 784, 12 655 421, 4805106, 4814189 | <b>CHEVROLET</b><br>CAPTIVA, EQUINOX, HHR, MALIBU<br><b>OPEL</b><br>ANTARA, ASTRA, GT, INSIGNIA<br><b>PONTIAC</b><br>SOLSTICE<br><b>SAAB</b><br>9-3, 9-5<br><b>VAUXHALL</b><br>ANTARA, INSIGNIA                                                                                                   |
| Fitting Position: Outlet Side, Number of connectors: 2 |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                   |



**ERA**  
*VVT Valves*

| ERA Code                                               | Subgroup                              | OE / Comparable code                                                                                                                          | Used on vehicles                                                                                                                                                                                                                                                                           |
|--------------------------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>554006</b>                                          | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>FORD</b><br>1871405, CN1G 6L713 AC                                                                                                         | <b>FORD</b><br>B-MAX, C-MAX, ECOSPORT, FIESTA, FOCUS, FOCUS C-MAX,<br>GALAXY, GRAND C-MAX, KUGA, MONDEO, S-MAX, TRANSIT CONNECT                                                                                                                                                            |
| Fitting Position: Intake Side                          |                                       |                                                                                                                                               |                                                                                                                                                                                                                                                                                            |
| <b>554007</b>                                          | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>FORD</b><br>1871406, 2003597, CN1G 6L713 BC, CN1G 6L713 BD                                                                                 | <b>FORD</b><br>B-MAX, C-MAX, ECOSPORT, FIESTA, FOCUS, FOCUS C-MAX,<br>GALAXY, GRAND C-MAX, KUGA, MONDEO, S-MAX, TRANSIT CONNECT                                                                                                                                                            |
| Fitting Position: Outlet Side, Number of connectors: 2 |                                       |                                                                                                                                               |                                                                                                                                                                                                                                                                                            |
| <b>554008</b>                                          | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>KIA</b><br>24355-23763, 24355-23-7632, 24355-23770, 24355-23800                                                                            | <b>KIA</b><br>CEE"D, SPORTAGE                                                                                                                                                                                                                                                              |
| Number of connectors: 2                                |                                       |                                                                                                                                               |                                                                                                                                                                                                                                                                                            |
| <b>554009</b>                                          | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>KIA</b><br>24355-2B700                                                                                                                     | <b>KIA</b><br>CARENS, CEE"D, CEE'D, CERATO, PRO CEE"D, PRO CEE'D, RIO,<br>SOUL, SPORTAGE, VENG                                                                                                                                                                                             |
| Number of connectors: 2                                |                                       |                                                                                                                                               |                                                                                                                                                                                                                                                                                            |
| <b>554010</b>                                          | CENTRAL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>CHEVROLET</b><br>55 562 224<br><b>INA</b><br>427 0019 10<br><b>OPEL</b><br>12 35 023, 55 562 224<br><b>VAUXHALL</b><br>1235023, 55 562 224 | <b>CHEVROLET</b><br>AVEO, CRUZE, ORLANDO, TRAX, VOLT<br><b>OPEL</b><br>ADAM, AMPERA, ASTRA, ASTRA J, CASCADA, CORSA, INSIGNIA,<br>MERIVA, MOKKA / MOKKA X, ZAFIRA TOURER<br><b>VAUXHALL</b><br>ADAM, AMPERA, ASTRA, CASCADA, CORSA, CORSAVAN, INSIGNIA,<br>MERIVA, MOKKA / MOKKA X, ZAFIRA |
| <b>554011</b>                                          | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>VW</b><br>06F 109 257 A, 06F 109 257 C                                                                                                     | <b>AUDI</b><br>A3, A4, A6, TT<br><b>SEAT</b><br>EXEO, LEON<br><b>SKODA</b><br>OCTAVIA<br><b>VW</b><br>EOS, GOLF, JETTA, SCIROCCO                                                                                                                                                           |
| Number of connectors: 2                                |                                       |                                                                                                                                               |                                                                                                                                                                                                                                                                                            |



**ERA**  
*VVT Valves*

| ERA Code                                         | Subgroup                              | OE / Comparable code                      | Used on vehicles                                                                            |
|--------------------------------------------------|---------------------------------------|-------------------------------------------|---------------------------------------------------------------------------------------------|
| <b>554014</b>                                    | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>TOYOTA</b><br>15330-21010, 15330-21011 | <b>TOYOTA</b><br>PRIUS, YARIS                                                               |
| Number of connectors: 2                          |                                       |                                           |                                                                                             |
| <b>554015</b>                                    | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>TOYOTA</b><br>15330-47010              | <b>TOYOTA</b><br>AURIS, AURIS TOURING SPORTS, COROLLA, IQ, URBAN CRUISER, VERSO S, YARIS    |
| Fitting Position: Left, Number of connectors: 2  |                                       |                                           |                                                                                             |
| <b>554016</b>                                    | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>TOYOTA</b><br>15330-47020              | <b>TOYOTA</b><br>AURIS, AURIS TOURING SPORTS, COROLLA, IQ, URBAN CRUISER, VERSO S, YARIS    |
| Fitting Position: Right, Number of connectors: 2 |                                       |                                           |                                                                                             |
| <b>554017</b>                                    | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>SUBARU</b><br>10921-AA020              | <b>SUBARU</b><br>FORESTER, IMPREZA, LEGACY, OUTBACK                                         |
| Number of connectors: 2                          |                                       |                                           |                                                                                             |
| <b>554018</b>                                    | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>KIA</b><br>24355-2B700                 | <b>KIA</b><br>CARENS, CEE'D, CEE'D, CERATO, PRO CEE'D, PRO CEE'D, RIO, SOUL, SPORTAGE, VENG |
| Number of connectors: 2                          |                                       |                                           |                                                                                             |
| <b>554019</b>                                    | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>TOYOTA</b><br>15330-28020              | <b>TOYOTA</b><br>RAV 4                                                                      |
| Number of connectors: 2                          |                                       |                                           |                                                                                             |



**ERA**  
*VVT Valves*

| ERA Code                | Subgroup                              | OE / Comparable code                                                  | Used on vehicles                                                                                                                                                                                                                                                        |
|-------------------------|---------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>554020</b>           | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>TOYOTA</b><br>15330-22010, 15330-22030                             | <b>TOYOTA</b><br>COROLLA                                                                                                                                                                                                                                                |
| Number of connectors: 2 |                                       |                                                                       |                                                                                                                                                                                                                                                                         |
| <b>554021</b>           | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>HYUNDAI</b><br>24355-2B600<br><b>KIA</b><br>24355-2B600            | <b>KIA</b><br>SOUL                                                                                                                                                                                                                                                      |
| Number of connectors: 2 |                                       |                                                                       |                                                                                                                                                                                                                                                                         |
| <b>554024</b>           | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>VW</b><br>03C 906 455 A                                            | <b>AUDI</b><br>A1, A3<br><b>FORD</b><br>TRANSIT<br><b>SEAT</b><br>ALHAMBRA, ALTEA, ALTEA XL, CORDOBA, IBIZA, LEON, TOLEDO<br><b>SKODA</b><br>FABIA, OCTAVIA, RAPID, ROOMSTER, YETI<br><b>VW</b><br>CC, EOS, GOLF, JETTA, PASSAT, POLO, SCIROCCO, SHARAN, TIGUAN, TOURAN |
| Number of connectors: 2 |                                       |                                                                       |                                                                                                                                                                                                                                                                         |
| <b>554025</b>           | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>VW</b><br>078 109 088, 078 109 088 C, 078 109 088 E, 078 109 088 H | <b>AUDI</b><br>A4, A6, A8, ALLROAD<br><b>VW</b><br>PASSAT                                                                                                                                                                                                               |
| Number of connectors: 2 |                                       |                                                                       |                                                                                                                                                                                                                                                                         |
| <b>554026</b>           | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>VW</b><br>04E 906 455 D                                            | <b>AUDI</b><br>A1<br><b>VW</b><br>BEETLE, GOLF                                                                                                                                                                                                                          |
| Number of connectors: 2 |                                       |                                                                       |                                                                                                                                                                                                                                                                         |
| <b>554027</b>           | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>VW</b><br>058 109 088 D, 058 109 088 K, 058 109 088 L              | <b>AUDI</b><br>A3, A4, A6, TT<br><b>SEAT</b><br>EXEO, IBIZA, LEON, TOLEDO<br><b>SKODA</b><br>OCTAVIA, SUPERB<br><b>VW</b><br>BORA, GOLF, NEW BEETLE, PASSAT, POLO                                                                                                       |

Number of connectors: 2





**ERA**  
VVT Valves

| ERA Code                | Subgroup                              | OE / Comparable code                                                                                 | Used on vehicles                                          |
|-------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| <b>554028</b>           | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>BMW</b><br>11 36 7 516 293, 11 36 7 585 425                                                       | <b>BMW</b><br>1, 3                                        |
| Number of connectors: 2 |                                       |                                                                                                      |                                                           |
| <b>554029</b>           | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>BMW</b><br>11 36 1 433 667, 11 36 7 501 775, 11 36 7 524 489                                      | <b>BMW</b><br>5, 7, X5                                    |
| Number of connectors: 2 |                                       |                                                                                                      |                                                           |
| <b>554030</b>           | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>BMW</b><br>11 36 0 149 817, 11 36 0 410 035, 11 36 1 707 323,<br>11 36 7 560 462                  | <b>BMW</b><br>1, 3, 5, 6, 7, X1, X3, X5, Z4               |
| Number of connectors: 2 |                                       |                                                                                                      |                                                           |
| <b>554031</b>           | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>TOYOTA</b><br>15330-22020                                                                         | <b>TOYOTA</b><br>CELICA                                   |
| Number of connectors: 2 |                                       |                                                                                                      |                                                           |
| <b>554032</b>           | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>BMW</b><br>11 36 7 564 734, 11 36 7 566 652, 11 36 7 587 760,<br>11 36 7 604 292, 11 36 8 610 388 | <b>BMW</b><br>1, 3                                        |
| Number of connectors: 2 |                                       |                                                                                                      |                                                           |
| <b>554034</b>           | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>VW</b><br>078 109 087 F                                                                           | <b>AUDI</b><br>A4, A6, A8, ALLROAD<br><b>VW</b><br>PASSAT |
| Number of connectors: 2 |                                       |                                                                                                      |                                                           |



**ERA**  
VVT Valves

| ERA Code                | Subgroup                              | OE / Comparable code                                               | Used on vehicles                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>554035</b>           | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>VW</b><br>06E 109 257 F, 06E 109 257 J, 06E 109 257 P           | <b>AUDI</b><br>A3, A4, A6, A6 Allroad, A8, Q3, TT<br><b>VW</b><br>BEETLE, JETTA, NEW BEETLE                                                                                                                                          |
| Number of connectors: 2 |                                       |                                                                    |                                                                                                                                                                                                                                      |
| <b>554036</b>           | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>VW</b><br>06E 109 257 L                                         | <b>AUDI</b><br>A5, A6, A8, Q5                                                                                                                                                                                                        |
| Number of connectors: 2 |                                       |                                                                    |                                                                                                                                                                                                                                      |
| <b>554037</b>           | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>TOYOTA</b><br>15330-31030                                       | <b>LEXUS</b><br>ES, RX<br><b>TOYOTA</b><br>ALPHARD / VELLFIRE, AURION, AVALON, CAMRY, KLUGER,<br>VANGUARD, VENZA                                                                                                                     |
| Number of connectors: 2 |                                       |                                                                    |                                                                                                                                                                                                                                      |
| <b>554038</b>           | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>BMW</b><br>11 36 7 838 467, 11 36 7 841 700, 11 36 7 843 117    | <b>BMW</b><br>3                                                                                                                                                                                                                      |
| Number of connectors: 2 |                                       |                                                                    |                                                                                                                                                                                                                                      |
| <b>554040</b>           | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>PIERBURG</b><br>7.06117.15.0<br><b>RENAULT</b><br>82 00 642 783 | <b>RENAULT</b><br>LAGUNA, MEGANE, MEGANE CC                                                                                                                                                                                          |
| Number of connectors: 2 |                                       |                                                                    |                                                                                                                                                                                                                                      |
| <b>554041</b>           | CONTROL VALVE,<br>CAMSHAFT ADJUSTMENT | <b>CITROËN/PEUGEOT</b><br>1922 R7, 1922 V9, V7 587 760 80          | <b>CITROËN</b><br>BERLINGO, C3, C3 Picasso, C4, C4 Grand Picasso,<br>C4 Picasso, C5, DS3, DS4, DS5<br><b>PEUGEOT</b><br>2008, 207, 207 CC, 207 SW, 208, 3008, 308, 308 CC, 308 SW,<br>5008, 508, 508 SW, PARTNER, PARTNER Tepee, RCZ |
| Number of connectors: 2 |                                       |                                                                    |                                                                                                                                                                                                                                      |

**ERA***Valvole VVT - VVT valves***Tavole Comparative - Cross Reference List**

| BMW             |        |
|-----------------|--------|
| 11 36 0 149 817 | 554030 |
| 11 36 0 410 035 | 554030 |
| 11 36 1 433 667 | 554029 |
| 11 36 1 707 323 | 554030 |
| 11 36 7 501 775 | 554029 |
| 11 36 7 516 293 | 554028 |
| 11 36 7 524 489 | 554029 |
| 11 36 7 560 462 | 554030 |
| 11 36 7 564 734 | 554032 |
| 11 36 7 566 652 | 554032 |
| 11 36 7 585 425 | 554028 |
| 11 36 7 587 760 | 554032 |
| 11 36 7 604 292 | 554032 |
| 11 36 7 838 467 | 554038 |
| 11 36 7 841 700 | 554038 |
| 11 36 7 843 117 | 554038 |
| 11 36 8 610 388 | 554032 |

| BUICK      |        |
|------------|--------|
| 1 257 8517 | 554004 |
| 1 257 8518 | 554005 |
| 1 262 8347 | 554004 |
| 1 262 8348 | 554005 |
| 1 264 6783 | 554004 |
| 1 264 6784 | 554005 |
| 1 265 5420 | 554004 |
| 1 265 5421 | 554005 |

| CHEVROLET  |        |
|------------|--------|
| 12 578 517 | 554004 |
| 12 578 518 | 554005 |
| 12 628 347 | 554004 |
| 12 628 348 | 554005 |
| 12 646 783 | 554004 |
| 12 646 784 | 554005 |
| 12 655 420 | 554004 |
| 12 655 421 | 554005 |
| 55 562 224 | 554010 |
| 55 567 050 | 554003 |

| CITROËN/PEUGEOT |        |
|-----------------|--------|
| 1922 R7         | 554041 |
| 1922 V9         | 554041 |
| V7 587 760 80   | 554041 |

| FIAT     |        |
|----------|--------|
| 55209166 | 554002 |

| FORD           |        |
|----------------|--------|
| 1478181        | 554000 |
| 1478182        | 554001 |
| 1544172        | 554002 |
| 1871405        | 554006 |
| 1871406        | 554007 |
| 2003597        | 554007 |
| 6M5G 6L713 AB  | 554000 |
| 6M5G 6L713 BB  | 554001 |
| 9S51-12K073-AA | 554002 |
| 9S51-12K073-AB | 554002 |
| CN1G 6L713 AC  | 554006 |
| CN1G 6L713 BC  | 554007 |
| CN1G 6L713 BD  | 554007 |

| HYUNDAI     |        |
|-------------|--------|
| 24355-2B600 | 554021 |

| INA         |        |
|-------------|--------|
| 427 0003 10 | 554000 |
| 427 0004 10 | 554001 |
| 427 0008 10 | 554002 |
| 427 0014 10 | 554003 |
| 427 0019 10 | 554010 |

| KIA           |        |
|---------------|--------|
| 24355-23-7632 | 554008 |
| 24355-23763   | 554008 |
| 24355-23770   | 554008 |
| 24355-23800   | 554008 |
| 24355-2B600   | 554021 |
| 24355-2B700   | 554009 |
| 24355-2B700   | 554018 |

| OPEL       |        |
|------------|--------|
| 12 35 023  | 554010 |
| 12 35 095  | 554004 |
| 12 35 116  | 554004 |
| 12 35 299  | 554003 |
| 12 47 368  | 554005 |
| 12 47 631  | 554005 |
| 12 578 517 | 554004 |
| 12 578 518 | 554005 |
| 12 628 347 | 554004 |
| 12 628 348 | 554005 |
| 12 646 783 | 554004 |
| 12 646 784 | 554005 |
| 12 655 420 | 554004 |
| 12 655 421 | 554005 |
| 48 05 105  | 554004 |
| 48 05 106  | 554005 |
| 48 14 188  | 554004 |
| 48 14 189  | 554005 |
| 55 562 224 | 554010 |
| 55 567 050 | 554003 |

| PIERBURG     |        |
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| 7.06117.05.0 | 554004 |
| 7.06117.06.0 | 554005 |
| 7.06117.08.0 | 554003 |
| 7.06117.15.0 | 554040 |

| PONTIAC  |        |
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| 12578517 | 554004 |
| 12578518 | 554005 |
| 12628347 | 554004 |
| 12628348 | 554005 |
| 12646783 | 554004 |
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| 12655420 | 554004 |
| 12655421 | 554005 |

| RENAULT       |        |
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| 82 00 642 783 | 554040 |

| SAAB       |        |
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| 12 628 347 | 554004 |
| 12 628 348 | 554005 |
| 12 646 783 | 554004 |
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| SUBARU      |        |
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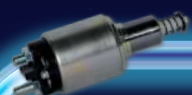
| TOYOTA      |        |
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| 15330-22030 | 554020 |
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| 15330-47010 | 554015 |
| 15330-47020 | 554016 |

| VAUXHALL   |        |
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| 12 628 347 | 554004 |
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| 12 655 421 | 554005 |
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| 1235095    | 554004 |
| 1235116    | 554004 |
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| VOLVO    |        |
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| 31216221 | 554000 |
| 31216222 | 554001 |
| 36002687 | 554000 |
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| VW            |        |
|---------------|--------|
| 03C 906 455 A | 554024 |
| 04E 906 455 D | 554026 |
| 058 109 088 D | 554027 |
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| 06E 109 257 J | 554035 |
| 06E 109 257 L | 554036 |
| 06E 109 257 P | 554035 |
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| 078 109 087 F | 554034 |
| 078 109 088   | 554025 |
| 078 109 088 C | 554025 |
| 078 109 088 E | 554025 |
| 078 109 088 H | 554025 |

**Elettromagneti**  
*Solenoid switches*



**Pignoni e Pulegge**  
*Pulleys and Starter drives*



**Ricambi per macchine rotanti**  
*Spare parts for rotating electrics*



**Macchine rotanti**  
*Rotating electrics*



**Sensori**  
*Sensors*



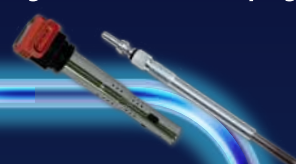
**Interruttori**  
*Switches*



**Interruttori abitacolo**  
*Dashboard switches*



**Bobine e Candele**  
*Ignition coils & Glow plugs*



**Corpi farfallati**  
*Throttle bodies*



**Valvole EGR**  
*EGR valves*



**Motorini tergicristallo e Pompe lavavetri**  
*Wiper motors & Washer pumps*



**DevioGUIDA**  
*Steering column switches*



**Pompe e Gruppi carburante**  
*Fuel pumps & Fuel feed units*



**Termostati**  
*Thermostats*



**Alzacristalli**  
*Window lifts*



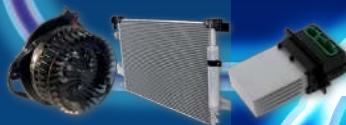
**Relè**  
*Relays*



**Bloccasterzi**  
*Steering locks*



**Sistema aria condizionata**  
*Air conditioning systems*



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