



ALTERNATOR / STARTER type amps

| ALFA ROMEO            |             |       |                          |  |         |         |
|-----------------------|-------------|-------|--------------------------|--|---------|---------|
| <b>GT</b>             |             |       |                          |  |         |         |
| 1.9 JTD               |             | 07→   |                          | Free Wheeling Pulley 6 PV, D+ Stud         | VREA023 | ALT 150 |
| <b>AUDI</b>           |             |       |                          |  |         |         |
| <b>A2</b>             |             |       |                          |  |         |         |
| 1.4                   | AUA         | 00-02 | AirCon                   | 4 Lug (Bracket) Fixing, Oval Plug          | VREA039 | ALT 90  |
|                       | BBY         | 01-06 | AirCon                   | Standard 6 PV, Oval Plug                   | VREA039 | ALT 90  |
| 1.4 TDi               | AMF         | 00-01 |                          | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM      |
|                       | AMF,BHC,ATL | 01-06 |                          | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM      |
| <b>A3</b>             |             |       |                          |  |         |         |
| 1.6                   | AEH         | 96-98 |                          | Unsupported Drive                          | VRES017 | SM      |
|                       |             |       |                          | Supported Drive                            | VRES014 | SM      |
|                       |             |       | Standard 6 PV, Oval Plug | VREA039                                    | ALT 90  |         |
|                       | AKL         | 97-98 | Manual                   | Supported Drive                            | VRES019 | SM      |
|                       |             |       | Auto                     | Unsupported Drive                          | VRES017 | SM      |
|                       |             | 98-01 | Manual                   | Supported Drive                            | VRES019 | SM      |
|                       |             |       | Auto                     | Supported Drive                            | VRES014 | SM      |
|                       | APF,AVU,BFQ | 98-03 |                          | Standard 6 PV, Oval Plug                   | VREA039 | ALT 90  |
|                       |             |       |                          | Supported Drive                            | VRES014 | SM      |
|                       |             |       |                          | Standard 6 PV, Oval Plug                   | VREA039 | ALT 90  |
| 1.8                   |             | 96-98 | Manual                   | Unsupported Drive                          | VRES027 | SM      |
|                       |             |       | Auto                     | Unsupported Drive                          | VRES017 | SM      |
|                       |             | 98-03 | Manual                   | Supported Drive                            | VRES019 | SM      |
|                       |             |       | Auto                     | Supported Drive                            | VRES014 | SM      |
| 1.8 Turbo             |             | 96-98 | Manual                   | Unsupported Drive                          | VRES027 | SM      |
|                       |             |       | Auto                     | Unsupported Drive                          | VRES017 | SM      |
|                       |             | 98-03 | Manual                   | Supported Drive                            | VRES019 | SM      |
|                       |             |       | Auto                     | Supported Drive                            | VRES014 | SM      |
| 1.8 Turbo Quattro     |             | 99-03 | Manual                   | Supported Drive                            | VRES019 | SM      |
|                       |             |       | Auto                     | Supported Drive                            | VRES014 | SM      |
|                       |             |       |                          | Standard 6 PV, Oval Plug                   | VREA039 | ALT 90  |
|                       |             |       |                          | Supported Drive                            | VRES014 | SM      |
| 1.9 TDi               |             | 96-03 | Manual                   | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM      |
|                       |             | 96-00 | Auto                     | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022 | SM      |
|                       |             | 00-03 | Auto                     | Supported Drive                            | VRES014 | SM      |
|                       |             | 96-98 |                          | Standard 6 PV, Oblong Plug (D+,W)          | VREA032 | ALT 70  |
| 1.9 TDi Quattro       |             | 01-03 |                          | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM      |
| <b>S3 Quattro</b>     |             |       |                          |  |         |         |
| 1.8 Turbo             |             | 99-03 |                          | Standard 6 PV, Oval Plug                   | VREA039 | ALT 90  |
| <b>TT Quattro</b>     |             |       |                          |  |         |         |
| 1.8 Turbo             |             | 99→   |                          | Standard 6 PV, Oval Plug                   | VREA039 | ALT 90  |
| 3.2 Turbo             |             | 03→   |                          | Standard 6 PV, Oval Plug                   | VREA039 | ALT 90  |
| <b>BMW</b>            |             |       |                          |  |         |         |
| <b>3 series (E30)</b> |             |       |                          |  |         |         |
| 316                   | 1.6 i       | M40   | 88-94                    | Plain Holes                                | VRES025 | SM      |
| 318                   | 1.8 i       |       | 88-94                    | Plain Holes                                | VRES025 | SM      |
| <b>3 series (E36)</b> |             |       |                          |  |         |         |
| 316                   | 1.6 i       | M40   | 90-94                    | Threaded Holes                             | VRES016 | SM      |
|                       |             | M43   | 93-99                    | Threaded Holes                             | VRES016 | SM      |
| 318                   | 1.8 i       | M40   | 90-94                    | Plain Holes                                | VRES025 | SM      |
|                       |             | M42   | 92-92                    | Plain Holes                                | VRES025 | SM      |
|                       |             |       | 93-96                    | Threaded Holes                             | VRES016 | SM      |
|                       |             | M43   | 93-99                    | Threaded Holes                             | VRES016 | SM      |
| 318                   | 1.9 iS Ti   | M44   | 95-00                    | Threaded Holes                             | VRES016 | SM      |
| 320                   | 2.0 i       | M50   | 90-95                    | Plain Holes                                | VRES025 | SM      |
|                       |             |       | 95-99                    | Threaded Holes                             | VRES016 | SM      |
|                       |             | M52   | 95-99                    | Threaded Holes                             | VRES016 | SM      |
| 323                   | 2.5 i       | M52   | 95-98                    | Threaded Holes                             | VRES016 | SM      |
| 325                   | 2.5 i       | M50   | 91-95                    | Plain Holes                                | VRES025 | SM      |
|                       |             |       | 95-95                    | Threaded Holes                             | VRES016 | SM      |
| 328                   | 2.8 i       | M52   | 95-98                    | Threaded Holes                             | VRES016 | SM      |



ALTERNATOR / STARTER type amps

| BMW Continued         |              |             |       |  |                           |         | ALTERNATOR / STARTER | type | amps |
|-----------------------|--------------|-------------|-------|--|---------------------------|---------|----------------------|------|------|
| <b>3 series (E46)</b> |              |             |       |  |                           |         |                      |      |      |
| 316                   | 1.9          | M43         | 99-02 |  | Threaded Holes            | VRES016 | SM                   |      |      |
| 318                   | 1.8 Ci       | M43         | 99-01 |  | Threaded Holes            | VRES016 | SM                   |      |      |
|                       | 1.9 i        | M43         | 98-01 |  | Threaded Holes            | VRES016 | SM                   |      |      |
| 320                   | 2.0 i        | M52B        | 98-01 |  | Threaded Holes            | VRES016 | SM                   |      |      |
|                       | 2.2 i        | M54         | 00-05 |  | Threaded Holes            | VRES016 | SM                   |      |      |
| 323                   | 2.5 i        | M52B        | 98-00 |  | Threaded Holes            | VRES016 | SM                   |      |      |
|                       |              | M54         | 00-05 |  | Threaded Holes            | VRES016 | SM                   |      |      |
| 328                   | 2.5 i        | M52         | 98-00 |  | Threaded Holes            | VRES016 | SM                   |      |      |
|                       | 3.0 i Ci     | M54         | 00-00 |  | Threaded Holes            | VRES016 | SM                   |      |      |
| 330                   | 3.0 i        | M54         | 00-05 |  | Threaded Holes            | VRES016 | SM                   |      |      |
| <b>5 series (E34)</b> |              |             |       |  |                           |         |                      |      |      |
| 518                   | 1.8 i        | M40         | 88-95 |  | Plain Holes               | VRES025 | SM                   |      |      |
|                       |              |             | 95-96 |  | Threaded Holes            | VRES016 | SM                   |      |      |
| 520                   | 2.0 i 24v    | M50         | 91-95 |  | Plain Holes               | VRES025 | SM                   |      |      |
|                       |              |             | 95-96 |  | Threaded Holes            | VRES016 | SM                   |      |      |
| 525                   | 2.5 i        | M50         | 89-96 |  | Plain Holes               | VRES025 | SM                   |      |      |
| <b>5 series (E39)</b> |              |             |       |  |                           |         |                      |      |      |
| 518                   | 1.8 i        | M43         | 94-96 |  | Threaded Holes            | VRES016 | SM                   |      |      |
| 520                   | 2.0 i        | M52B20      | 95-00 |  | Threaded Holes            | VRES016 | SM                   |      |      |
| 520                   | 2.2 i        | M54         | 00-03 |  | Threaded Holes            | VRES016 | SM                   |      |      |
| 523                   | 2.5 i        | M52B        | 95-00 |  | Threaded Holes            | VRES016 | SM                   |      |      |
| 525                   | 2.5 i        | M54         | 00-03 |  | Threaded Holes            | VRES016 | SM                   |      |      |
| 528                   | 2.8 i        | M52         | 96-00 |  | Threaded Holes            | VRES016 | SM                   |      |      |
| 530                   | 3.0 i        | M54         | 00-03 |  | Threaded Holes            | VRES016 | SM                   |      |      |
| <b>5 series (E60)</b> |              |             |       |  |                           |         |                      |      |      |
| 520                   | 2.2 i        | M54         | 03-05 |  | Threaded Holes            | VRES016 | SM                   |      |      |
| 525                   | 2.5 i        | M54         | 03→   |  | Threaded Holes            | VRES016 | SM                   |      |      |
| 530                   | 3.0 i        | M54 30 6S 3 | 03-05 |  | Threaded Holes            | VRES016 | SM                   |      |      |
| <b>7 series (E38)</b> |              |             |       |  |                           |         |                      |      |      |
| 728                   | 2.8 i        | M52         | 96-02 |  | Threaded Holes            | VRES016 | SM                   |      |      |
| <b>7 series (E65)</b> |              |             |       |  |                           |         |                      |      |      |
| 730                   | 3.0 i        | M54         | 03-05 |  | Threaded Holes            | VRES016 | SM                   |      |      |
| <b>X3 (E83)</b>       |              |             |       |  |                           |         |                      |      |      |
|                       | 2.5 i        | M54 25 6S 5 | 05-06 |  | Threaded Holes            | VRES016 | SM                   |      |      |
|                       | 3.0 i        | M54 30 6S 3 | 04-06 |  | Threaded Holes            | VRES016 | SM                   |      |      |
| <b>X5 (E53)</b>       |              |             |       |  |                           |         |                      |      |      |
|                       | 3.0 i        | M54 30 6S 3 | 00-06 |  | Threaded Holes            | VRES016 | SM                   |      |      |
| <b>Z3</b>             |              |             |       |  |                           |         |                      |      |      |
|                       | 1.9 Roadster | 16V         | 97-99 |  | Threaded Holes            | VRES016 | SM                   |      |      |
|                       |              | M43B19      | 99-03 |  | Threaded Holes            | VRES016 | SM                   |      |      |
|                       | 2.0 Roadster |             | 99-00 |  | Threaded Holes            | VRES016 | SM                   |      |      |
|                       | 2.2 Roadster |             | 00-03 |  | Threaded Holes            | VRES016 | SM                   |      |      |
|                       | 2.8 Roadster |             | 97-03 |  | Threaded Holes            | VRES016 | SM                   |      |      |
|                       | 3.0 Roadster |             | 00-03 |  | Threaded Holes            | VRES016 | SM                   |      |      |
| <b>Z4</b>             |              |             |       |  |                           |         |                      |      |      |
|                       | 2.2          | M54 22 6S1  | 03-05 |  | Threaded Holes            | VRES016 | SM                   |      |      |
|                       | 2.5          | M54 25 6S5  | 03-06 |  | Threaded Holes            | VRES016 | SM                   |      |      |
|                       | 3.0          | M54 30 6S3  | 03-06 |  | Threaded Holes            | VRES016 | SM                   |      |      |
| <b>CHEVROLET</b>      |              |             |       |  |                           |         |                      |      |      |
| <b>KALOS</b>          |              |             |       |  |                           |         |                      |      |      |
|                       | 1.4          |             | 05→   |  |                           | VRES002 | SM                   |      |      |
| <b>LACETTI</b>        |              |             |       |  |                           |         |                      |      |      |
|                       | 1.4          |             | 05→   |  |                           | VRES002 | SM                   |      |      |
|                       | 1.6          |             | 05→   |  |                           | VRES002 | SM                   |      |      |
| <b>CITROEN</b>        |              |             |       |  |                           |         |                      |      |      |
| <b>AX</b>             |              |             |       |  |                           |         |                      |      |      |
|                       | 1.0          |             | 88-91 |  | Located With Dowel, Refit | VRES011 | SM                   |      |      |
|                       |              |             | 91-97 |  | Located With Dowel, Refit | VRES010 | SM                   |      |      |
|                       | 1.1          |             | 87-91 |  | Located With Dowel, Refit | VRES011 | SM                   |      |      |
|                       |              |             | 91-96 |  | Located With Dowel, Refit | VRES010 | SM                   |      |      |
|                       | 1.4          |             | 87-91 |  | Located With Dowel, Refit | VRES011 | SM                   |      |      |



ALTERNATOR  
/ STARTER      type      amps

**CITROEN Continued**

| AX                  |           |       |                                     |  |                           |         |     |  |
|---------------------|-----------|-------|-------------------------------------|--|---------------------------|---------|-----|--|
| 1.4                 |           | 91-95 |                                     | Located With Dowel, Refit                      | VRES010                   | SM      |     |  |
| 1.5 D               |           | 94-97 |                                     | 5 PV, Right Hand, 3 Lug (Bracket) Fixing       | VREA010                   | ALT     | 70  |  |
| BERLINGO MULTISPACE |           |       |                                     |  |                           |         |     |  |
| 1.4                 |           | 99→   |                                     | Located With Dowel, Refit                      | VRES010                   | SM      |     |  |
|                     |           | 02→   |                                     | 2 Lug (Bracket) Fixing, Square Plug            | VREA037                   | ALT     | 70  |  |
| 1.6 16v             |           | 00→   |                                     | 2 Lug (Bracket) Fixing, Square Plug            | VREA034                   | ALT     | 80  |  |
|                     |           |       |                                     | 2 Lug (Bracket) Fixing, Square Plug            | VREA037                   | ALT     | 70  |  |
|                     |           |       |                                     | Located With Dowel, Refit                      | VRES010                   | SM      |     |  |
|                     |           |       |                                     | 2 Lug (Bracket) Fixing, Square Plug            | VREA034                   | ALT     | 80  |  |
| 1.8                 |           | 98-01 |                                     | 4 Lug (Bracket) Fixing, Square Plug            | VREA024                   | ALT     | 70  |  |
|                     |           |       |                                     | Stud Solenoid, Located With Dowel, Refit       | VRES026                   | SM      |     |  |
| 1.9 D               | DW8       | 99→   |                                     | 4 Lug (Bracket) Fixing, Bolt on Terminals      | VREA031                   | ALT     | 70  |  |
|                     |           |       |                                     | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003                   | SM      |     |  |
|                     |           |       |                                     | 4 Lug (Bracket) Fixing, Bolt on Terminals      | VREA038                   | ALT     | 90  |  |
| 2.0 HDi             |           | 01→   |                                     | 4 Lug (Bracket) Fixing, Square Plug            | VREA024                   | ALT     | 70  |  |
|                     |           | 02→   |                                     | Standard 6 PV, D+ Stud                         | VREA038                   | ALT     | 90  |  |
| BX                  |           |       |                                     |  |                           |         |     |  |
| 1.4 E,RE            | TU Engine | 88-91 |                                     | Located With Dowel, Refit                      | VRES011                   | SM      |     |  |
| C2                  |           |       |                                     |  |                           |         |     |  |
| 1.1 i               | HFX       | 03→   |                                     | Located With Dowel, Refit                      | VRES015                   | SM      |     |  |
| 1.4 i               | KFV       | 03→   |                                     | Located With Dowel, Refit                      | VRES015                   | SM      |     |  |
| 1.6 i               | NFU       | 03→   |                                     | Located With Dowel, Refit                      | VRES015                   | SM      |     |  |
| C3                  |           |       |                                     |  |                           |         |     |  |
| 1.1 i               | HFX       | 03→   |                                     | Located With Dowel, Refit                      | VRES015                   | SM      |     |  |
| 1.4 i               | KFV       | 02→   |                                     | Located With Dowel, Refit                      | VRES015                   | SM      |     |  |
| 1.6 i               | NFU       | 02→   |                                     | Located With Dowel, Refit                      | VRES015                   | SM      |     |  |
| C4                  |           |       |                                     |  |                           |         |     |  |
| 1.4 i 16v           |           | 04→   |                                     | Located With Dowel, Refit                      | VRES015                   | SM      |     |  |
| 1.6 16v             |           | 04→   |                                     | Located With Dowel, Refit                      | VRES015                   | SM      |     |  |
| 2.0 HDi             |           | 04→   |                                     | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003                   | SM      |     |  |
| C4 GRAND PICASSO    |           |       |                                     |  |                           |         |     |  |
| 2.0 HDi             |           | 06→   |                                     | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003                   | SM      |     |  |
| C5                  |           |       |                                     |  |                           |         |     |  |
| 2.0 HDi             |           | 01-04 |                                     | Standard 6 PV                                  | VREA038                   | ALT     | 90  |  |
|                     |           | 01→   |                                     | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003                   | SM      |     |  |
|                     |           | 01-04 |                                     | Free Wheeling Pulley 6 PV, D+ Stud             | VREA023                   | ALT     | 150 |  |
| 2.2 HDi             |           | 01-04 |                                     | Standard 6 PV                                  | VREA038                   | ALT     | 90  |  |
|                     |           | 01→   |                                     | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003                   | SM      |     |  |
| 3.0 i V6 24v        |           | 01-04 |                                     | Free Wheeling Pulley 6 PV, D+ Stud             | VREA023                   | ALT     | 150 |  |
|                     |           | 01→   |                                     | Flange Mount                                   | VRES003                   | SM      |     |  |
| C8                  |           |       |                                     |  |                           |         |     |  |
| 2.0 HDi             |           | 02→   |                                     | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003                   | SM      |     |  |
|                     |           |       |                                     | Free Wheeling Pulley 6 PV, D+ Stud             | VREA023                   | ALT     | 150 |  |
| 2.2 HDi             |           | 02→   |                                     | Free Wheeling Pulley 6 PV, D+ Stud             | VREA023                   | ALT     | 150 |  |
|                     |           |       |                                     | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003                   | SM      |     |  |
| SAXO                |           |       |                                     |  |                           |         |     |  |
| 1.0                 |           | 97-99 |                                     | Located With Dowel, Refit                      | VRES011                   | SM      |     |  |
|                     |           | 99-00 |                                     | Located With Dowel, Refit                      | VRES015                   | SM      |     |  |
|                     |           |       |                                     | 2 Lug (Bracket) Fixing, Square Plug            | VREA037                   | ALT     | 70  |  |
|                     |           |       | 2 Lug (Bracket) Fixing, Square Plug | VREA034  | ALT                       | 80      |     |  |
| 1.1                 |           | 96-99 |                                     | Located With Dowel, Refit                      | VRES011                   | SM      |     |  |
|                     |           | 99-04 |                                     | Located With Dowel, Refit                      | VRES015                   | SM      |     |  |
|                     |           |       |                                     | 2 Lug (Bracket) Fixing, Square Plug            | VREA037                   | ALT     | 70  |  |
| 1.4                 |           | 96-99 |                                     | 2 Lug (Bracket) Fixing, Square Plug            | VREA034                   | ALT     | 80  |  |
|                     |           |       | 99-04                               |  | Located With Dowel, Refit | VRES011 | SM  |  |
|                     |           |       |                                     |  | Located With Dowel, Refit | VRES015 | SM  |  |
| 1.5 D               |           | 96-04 |                                     | 2 Lug (Bracket) Fixing, Square Plug            | VREA037                   | ALT     | 70  |  |
|                     |           |       |                                     | 2 Lug (Bracket) Fixing, Square Plug            | VREA034                   | ALT     | 80  |  |
|                     |           |       |                                     | 5 PV, Right Hand, 3 Lug (Bracket) Fixing       | VREA010                   | ALT     | 70  |  |

ALTERNATOR  
/ STARTERtype  
amps**CITROEN Continued****SAXO**

|             |  |       |  |                                     |         |     |    |
|-------------|--|-------|--|-------------------------------------|---------|-----|----|
| 1.6         |  | 96-99 |  | Located With Dowel, Refit           | VRES010 | SM  |    |
|             |  | 99-04 |  | Located With Dowel, Refit           | VRES015 | SM  |    |
| 1.6 VTR     |  | 99-04 |  | 2 Lug (Bracket) Fixing, Square Plug | VREA037 | ALT | 70 |
|             |  |       |  | 2 Lug (Bracket) Fixing, Square Plug | VREA034 | ALT | 80 |
|             |  |       |  | Located With Dowel, Refit           | VRES015 | SM  |    |
| 1.6 16v VTS |  | 99-04 |  | 2 Lug (Bracket) Fixing, Square Plug | VREA037 | ALT | 70 |
|             |  |       |  | 2 Lug (Bracket) Fixing, Square Plug | VREA034 | ALT | 80 |
|             |  |       |  | Located With Dowel, Refit           | VRES015 | SM  |    |
|             |  |       |  | 2 Lug (Bracket) Fixing, Square Plug | VREA034 | ALT | 80 |

**SYNERGIE**

|        |  |       |  |  |         |    |  |
|--------|--|-------|--|--|---------|----|--|
| 1.9 TD |  | 95-00 |  | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM |  |
|--------|--|-------|--|--|---------|----|--|

**XANTIA**

|               |  |       |  |  |         |     |    |
|---------------|--|-------|--|--|---------|-----|----|
| 1.6           |  | 93-97 |  | Stud Solenoid, Located With Dowel, Refit       | VRES026 | SM  |    |
| 1.8           |  | 93-00 |  | Stud Solenoid, Located With Dowel, Refit       | VRES026 | SM  |    |
| 1.8 16v VTS   |  | 93-00 |  | Stud Solenoid, Located With Dowel, Refit       | VRES026 | SM  |    |
| 1.9 D,TD      |  | 93-00 |  | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM  |    |
| 2.0           |  | 93-98 |  | Stud Solenoid, Located With Dowel, Refit       | VRES026 | SM  |    |
| 2.0 16v       |  | 98-00 |  | Stud Solenoid, Located With Dowel, Refit       | VRES026 | SM  |    |
| 2.0 16v Turbo |  | 96-00 |  | Stud Solenoid, Located With Dowel, Refit       | VRES026 | SM  |    |
| 2.0 HDi       |  | 98-01 |  | Standard 6 PV                                  | VREA038 | ALT | 90 |
|               |  |       |  | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM  |    |
| 2.1 TD        |  | 97-99 |  | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM  |    |

**XM**

|           |  |       |  |  |         |    |  |
|-----------|--|-------|--|--|---------|----|--|
| 2.0 Turbo |  | 94-98 |  | Stud Solenoid, Located With Dowel, Refit | VRES026 | SM |  |
|-----------|--|-------|--|--|---------|----|--|

**XSARA**

|             |  |       |            |  |         |     |    |
|-------------|--|-------|------------|--|---------|-----|----|
| 1.4         |  | 97-99 |            | Located With Dowel, Refit                      | VRES010 | SM  |    |
|             |  | 99-05 |            | Located With Dowel, Refit                      | VRES015 | SM  |    |
| 1.6         |  | 00-05 |            | 4 Lug (Bracket) Fixing, Square Plug            | VREA024 | ALT | 70 |
|             |  | 97-99 |            | Located With Dowel, Refit                      | VRES010 | SM  |    |
| 1.6 16v     |  | 00-05 |            | Located With Dowel, Refit                      | VRES015 | SM  |    |
|             |  |       |            | 4 Lug (Bracket) Fixing, Square Plug            | VREA024 | ALT | 70 |
|             |  |       |            | Located With Dowel, Refit                      | VRES015 | SM  |    |
| 1.8         |  | 97-00 | Auto       | Stud Solenoid, Located With Dowel, Refit       | VRES026 | SM  |    |
| 1.8 16v     |  | 97-00 |            | Stud Solenoid, Located With Dowel, Refit       | VRES026 | SM  |    |
| 1.8 16v VTR |  | 97-00 | Manual     | Stud Solenoid, Located With Dowel, Refit       | VRES026 | SM  |    |
| 1.9 D,TD    |  | 99-00 |            | 4 Lug (Bracket) Fixing, Side Terminals         | VREA031 | ALT | 70 |
|             |  |       |            | 4 Lug (Bracket) Fixing                         | VREA038 | ALT | 90 |
| 2.0 16v VTS |  | 97-00 |            | Stud Solenoid, Located With Dowel, Refit       | VRES026 | SM  |    |
| 2.0 16v     |  | 00-05 |            | 4 Lug (Bracket) Fixing, Bolt on Terminals      | VREA038 | ALT | 90 |
| 2.0 HDi     |  | 99-05 | Not AirCon | 4 Lug (Bracket) Fixing, Bolt on Terminals      | VREA038 | ALT | 90 |
|             |  |       |            | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM  |    |

**XSARA PICASSO**

|         |  |       |            |  |         |     |    |
|---------|--|-------|------------|--|---------|-----|----|
| 1.6 16v |  | 00→   |            | 4 Lug (Bracket) Fixing, Square Plug            | VREA024 | ALT | 70 |
|         |  |       |            | Located With Dowel, Refit                      | VRES015 | SM  |    |
| 1.8 16v |  | 00-01 |            | 4 Lug (Bracket) Fixing, Bolt on Terminals      | VREA038 | ALT | 90 |
| 2.0 HDi |  | 00→   | Not AirCon | 4 Lug (Bracket) Fixing, Bolt on Terminals      | VREA038 | ALT | 90 |
|         |  |       |            | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM  |    |

**ZX**

|          |  |       |  |  |         |    |  |
|----------|--|-------|--|--|---------|----|--|
| 1.4      |  | 91-98 |  | Located With Dowel, Refit                      | VRES010 | SM |  |
| 1.6      |  | 91-98 |  | Stud Solenoid, Located With Dowel, Refit       | VRES026 | SM |  |
| 1.8      |  | 91-98 |  | Stud Solenoid, Located With Dowel, Refit       | VRES026 | SM |  |
| 1.9      |  | 91-98 |  | Stud Solenoid, Located With Dowel, Refit       | VRES026 | SM |  |
| 1.9 D,TD |  | 91-98 |  | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM |  |
| 2.0 8v   |  | 92-98 |  | Stud Solenoid, Located With Dowel, Refit       | VRES026 | SM |  |

**CITROEN LCV****BERLINGO**

|       |  |       |  |  |         |     |    |
|-------|--|-------|--|--|---------|-----|----|
| 1.4   |  | 98-99 |  | Located With Dowel, Refit                      | VRES015 | SM  |    |
| 1.8 D |  | 96-02 |  | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM  |    |
|       |  | 98-02 |  | 4 Lug (Bracket) Fixing, Side Terminals         | VREA031 | ALT | 70 |
| 1.9 D |  | 96-02 |  | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM  |    |
|       |  | 98-99 |  | 4 Lug (Bracket) Fixing, Side Terminals         | VREA031 | ALT | 70 |



ALTERNATOR / STARTER type amps

**CITROEN LCV Continued**

**BERLINGO**

|         |     |     |  |  |         |     |    |
|---------|-----|-----|--|--|---------|-----|----|
| 1.9 D   | DW8 | 99→ |  | 4 Lug (Bracket) Fixing, Side Terminals         | VREA031 | ALT | 70 |
|         |     |     |  | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM  |    |
| 2.0 HDi |     | 02→ |  | Standard 6 PV, D+ Stud                         | VREA038 | ALT | 90 |
|         |     |     |  | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM  |    |

**C15 VISA**

|       |           |       |  |  |         |     |    |
|-------|-----------|-------|--|--|---------|-----|----|
| 1.1   | TU Engine | 88-94 |  | Located With Dowel, Refit                      | VRES011 | SM  |    |
| 1.4   | TU Engine | 88-94 |  | Located With Dowel, Refit                      | VRES011 | SM  |    |
| 1.9 D |           | 00→   |  | 4 Lug (Bracket) Fixing, Side Terminals         | VREA031 | ALT | 70 |
|       |           |       |  | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM  |    |

**DISPATCH**

|         |  |       |            |  |         |     |     |
|---------|--|-------|------------|--|---------|-----|-----|
| 1.9 D   |  | 96→   |            | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM  |     |
| 2.0 HDi |  | 99-06 | Not AirCon | Standard 6 PV, D+ Stud                         | VREA038 | ALT | 90  |
|         |  |       |            | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM  |     |
|         |  | 00-06 |            | Free Wheeling Pulley 6 PV, D+ Stud             | VREA023 | ALT | 150 |

**RELAY**

|         |  |       |  |  |         |     |     |
|---------|--|-------|--|--|---------|-----|-----|
| 1.9 D   |  | 94-01 |  | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM  |     |
| 2.0 i   |  | 01→   |  | 4 Lug (Bracket) Fixing, Bolt on Terminals      | VREA038 | ALT | 90  |
| 2.0 HDi |  | 01→   |  | 4 Lug (Bracket) Fixing                         | VREA038 | ALT | 90  |
|         |  |       |  | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM  |     |
| 2.2 HDi |  | 02-04 |  | Free Wheeling Pulley 6 PV, D+ Stud             | VREA023 | ALT | 150 |
| 2.8 HDi |  | 02→   |  | Free Wheeling Pulley 6 PV, D+ Stud             | VREA023 | ALT | 150 |

**XSARA**

|         |  |     |  |  |         |    |  |
|---------|--|-----|--|--|---------|----|--|
| 2.0 HDi |  | 02→ |  | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM |  |
|---------|--|-----|--|--|---------|----|--|

**DAEWOO**

**MATIZ**

|     |  |       |  |                     |         |     |    |
|-----|--|-------|--|---------------------|---------|-----|----|
| 0.8 |  | 98-04 |  | Square Plug (D+, R) | VREA043 | ALT | 65 |
| 1.0 |  | 03-05 |  | Square Plug (D+, R) | VREA043 | ALT | 65 |

**TACUMA**

|       |  |       |  |  |         |    |  |
|-------|--|-------|--|--|---------|----|--|
| 1.8 i |  | 00-05 |  |  | VRES002 | SM |  |
|-------|--|-------|--|--|---------|----|--|

**FIAT**

**DOBLA**

|     |  |       |  |      |         |     |    |
|-----|--|-------|--|------|---------|-----|----|
| 1.2 |  | 01-05 |  | 4 PV | VREA012 | ALT | 65 |
|-----|--|-------|--|------|---------|-----|----|

**PANDA**

|            |      |       |  |      |         |     |    |
|------------|------|-------|--|------|---------|-----|----|
| 1.1 Active |      | 04-06 |  | 4 PV | VREA012 | ALT | 65 |
| 1.2        | 1242 | 04-06 |  | 4 PV | VREA012 | ALT | 65 |
| 1.2 4x4    | 1242 | 04-06 |  | 4 PV | VREA012 | ALT | 65 |

**PUNTO**

|        |        |       |        |      |         |     |    |
|--------|--------|-------|--------|------|---------|-----|----|
| 1.1 55 |        | 94-97 | Not PS | 4 PV | VREA012 | ALT | 65 |
| 1.2 60 | 1242cc | 97-99 | Not PS | 4 PV | VREA012 | ALT | 65 |
| 1.2 75 | 1242cc | 94-98 | Not PS | 4 PV | VREA012 | ALT | 65 |

**PUNTO II**

|        |  |       |  |      |         |     |    |
|--------|--|-------|--|------|---------|-----|----|
| 1.2 8v |  | 99-03 |  | 4 PV | VREA012 | ALT | 65 |
|--------|--|-------|--|------|---------|-----|----|

**ULYSSE**

|         |  |       |  |  |         |     |     |
|---------|--|-------|--|--|---------|-----|-----|
| 1.9 TD  |  | 95-00 |  | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM  |     |
| 2.0     |  | 00-02 |  | 4 Lug (Bracket) Fixing, Bolt on Terminals      | VREA038 | ALT | 90  |
| 2.0 JTD |  | 00→   |  | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM  |     |
|         |  | 00-03 |  | Free Wheeling Pulley 6 PV, D+ Stud             | VREA023 | ALT | 150 |
| 2.2 JTD |  | 02→   |  | Free Wheeling Pulley 6 PV, D+ Stud             | VREA023 | ALT | 150 |
|         |  |       |  | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM  |     |

**FIAT LCV**

**DUCATO 9**

|        |  |     |  |  |         |     |     |
|--------|--|-----|--|--|---------|-----|-----|
| 1.9 TD |  | 02→ |  | Standard 6 PV, 4 Lug (Bracket) Fixing          | VREA038 | ALT | 90  |
|        |  |     |  | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM  |     |
|        |  |     |  | Free Wheeling Pulley 6 PV, D+ Stud             | VREA023 | ALT | 150 |

**DUCATO 10**

|         |     |       |  |  |         |     |     |
|---------|-----|-------|--|--|---------|-----|-----|
| 1.9 TD  | DHX | 99-01 |  | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit             | VRES003 | SM  |     |
| 2.0     |     | 94-02 |  | Stud Solenoid, Located With Dowel, Refit                   | VRES026 | SM  |     |
| 2.0 JTD | RHV | 02-02 |  | Standard 6 PV, 4 Lug (Bracket) Fixing                      | VREA038 | ALT | 90  |
|         |     |       |  | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit             | VRES003 | SM  |     |
|         |     |       |  | Free Wheeling Pulley 6 PV, 4 Lug (Bracket) Fixing, D+ Stud | VREA023 | ALT | 150 |



ALTERNATOR / STARTER type amps

**FIAT LCV Continued**

| FIAT LCV Continued |              |       |                |  |  | ALTERNATOR / STARTER | type | amps |  |
|--------------------|--------------|-------|----------------|--|--|----------------------|------|------|--|
| <b>DUCATO 11</b>   |              |       |                |  |  |                      |      |      |  |
| 2.0                |              | 02→   |                | Stud Solenoid, Located With Dowel, Refit                   | VRES026                                | SM                   |      |      |  |
| 2.0 JTD            | RHV          | 02-04 |                | Standard 6 PV, 4 Lug (Bracket) Fixing                      | VREA038                                | ALT                  | 90   |      |  |
|                    |              | 02→   |                | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit             | VRES003                                | SM                   |      |      |  |
|                    |              | 02-04 |                | Free Wheeling Pulley 6 PV, 4 Lug (Bracket) Fixing, D+ Stud | VREA023                                | ALT                  | 150  |      |  |
| <b>DUCATO 14</b>   |              |       |                |  |  |                      |      |      |  |
| 1.9 TD             | DHX          | 01-02 |                | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit             | VRES003                                | SM                   |      |      |  |
| 2.0                |              | 94-96 |                | Stud Solenoid, Located With Dowel, Refit                   | VRES026                                | SM                   |      |      |  |
| 2.0 JTD            | RHV          | 02-02 |                | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit             | VRES003                                | SM                   |      |      |  |
|                    |              |       |                | Free Wheeling Pulley 6 PV, D+ Stud                         | VREA023                                | ALT                  | 150  |      |  |
| <b>DUCATO 15</b>   |              |       |                |  |  |                      |      |      |  |
| 2.0 JTD            | RHV          | 02→   |                | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit             | VRES003                                | SM                   |      |      |  |
|                    |              | 02-04 |                | Free Wheeling Pulley 6 PV, D+ Stud                         | VREA023                                | ALT                  | 150  |      |  |
| <b>PUNTO</b>       |              |       |                |  |  |                      |      |      |  |
| 1.1                |              | 96-99 |                | 4 PV   | VREA012                                | ALT                  | 65   |      |  |
| <b>SCUDO</b>       |              |       |                |  |  |                      |      |      |  |
| 1.9 D,TD           |              | 96-00 |                | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit             | VRES003                                | SM                   |      |      |  |
|                    |              |       | 98-00          |  | 4 Lug (Bracket) Fixing, Side Terminals | VREA031              | ALT  | 70   |  |
|                    |              |       |                |  | 4 Lug (Bracket) Fixing                 | VREA038              | ALT  | 90   |  |
| 2.0 JTD            |              | 00→   |                | 4 Lug (Bracket) Fixing                                     | VREA038                                | ALT                  | 90   |      |  |
|                    |              |       |                | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit             | VRES003                                | SM                   |      |      |  |
|                    |              |       |                | Free Wheeling Pulley 6 PV, D+ Stud                         | VREA023                                | ALT                  | 150  |      |  |
| <b>FORD</b>        |              |       |                |  |  |                      |      |      |  |
| <b>ESCORT III</b>  |              |       |                |  |  |                      |      |      |  |
| 1.1                |              | 86-86 |                | With Fan & Pulley  | VREA018                                | ALT                  | 55   |      |  |
| 1.3                |              | 86-86 |                | With Fan & Pulley  | VREA018                                | ALT                  | 55   |      |  |
| 1.6                |              | 86-86 | Electric Choke | With Fan & Pulley, W Terminal                              | VREA018                                | ALT                  | 55   |      |  |
| 1.6 RS             |              | 86-86 | Electric Choke | With Fan & Pulley, W Terminal                              | VREA018                                | ALT                  | 55   |      |  |
| 1.6 XR3            |              | 86-86 | Electric Choke | With Fan & Pulley, W Terminal                              | VREA018                                | ALT                  | 55   |      |  |
| <b>ESCORT IV</b>   |              |       |                |  |  |                      |      |      |  |
| 1.1                |              | 86-90 |                | European 3 Pin Plug  | VREA018                                | ALT                  | 55   |      |  |
|                    |              |       |                | Bolt on Terminals  | VREA007                                | ALT                  | 70   |      |  |
| 1.3                |              | 86-90 |                | European 3 Pin Plug  | VREA018                                | ALT                  | 55   |      |  |
|                    |              |       |                | Bolt on Terminals  | VREA007                                | ALT                  | 70   |      |  |
| 1.4                |              | 86-90 |                | European 3 Pin Plug  | VREA018                                | ALT                  | 55   |      |  |
|                    |              |       |                | Bolt on Terminals  | VREA007                                | ALT                  | 70   |      |  |
| 1.6                |              | 88-90 |                | European 3 Pin Plug  | VREA018                                | ALT                  | 55   |      |  |
| 1.6 XR3            |              | 86-90 |                | Bolt on Terminals  | VREA007                                | ALT                  | 70   |      |  |
| 1.6 RS Turbo       |              | 86-91 |                | Bolt on Terminals  | VREA007                                | ALT                  | 70   |      |  |
| 1.8 D              |              | 88-90 |                | 3 PV, European 3 Pin Plug                                  | VREA020                                | ALT                  | 55   |      |  |
|                    |              |       |                | 3 PV, Bolt on Terminals                                    | VREA036                                | ALT                  | 70   |      |  |
| <b>ESCORT V</b>    |              |       |                |  |  |                      |      |      |  |
| 1.3 CFi            |              | 90-95 |                | With Fan & Pulley  | VREA018                                | ALT                  | 55   |      |  |
|                    |              |       |                | With Fan & Pulley  | VREA007                                | ALT                  | 70   |      |  |
| 1.4 CFi            |              | 90-92 | Not PS         | European 3 Pin Plug, With Fan & Plug                       | VREA018                                | ALT                  | 55   |      |  |
|                    |              |       | 90-95          | Not PS   | Bolt on Terminals                      | VREA007              | ALT  | 70   |  |
|                    |              |       | 92-94          | PS   | 1 V, External Fan                      | VREA018              | ALT  | 55   |  |
| 1.6 EFi            | SOHC         | 90-92 | Not PS         | European 3 Pin Plug  | VREA018                                | ALT                  | 55   |      |  |
|                    |              |       | Not PS         | Bolt on Terminals  | VREA007                                | ALT                  | 70   |      |  |
| 1.8 D              |              | 90-95 |                | 3 PV, European 3 Pin Plug                                  | VREA020                                | ALT                  | 55   |      |  |
|                    |              |       |                |  | VRES006                                | SM                   |      |      |  |
|                    |              |       |                | 3 PV, Bolt on Terminals                                    | VREA036                                | ALT                  | 70   |      |  |
| 1.8 TD             |              | 93-95 |                | 5 PV, External Fan   | VREA021                                | ALT                  | 70   |      |  |
|                    |              |       |                |  | VRES006                                | SM                   |      |      |  |
| 2.0 RS             | Not Cosworth | 91-95 |                | 1 V, External Fan  | VREA007                                | ALT                  | 70   |      |  |
| <b>ESCORT VI</b>   |              |       |                |  |  |                      |      |      |  |
| 1.3 CFi            |              | 95-99 |                | Bolt on Terminals  | VREA007                                | ALT                  | 70   |      |  |
| 1.4                |              | 95-99 | Not PS         | Bolt on Terminals  | VREA007                                | ALT                  | 70   |      |  |
| 1.8 D              |              | 95-97 |                | 3 Lug (Bracket) Fixing                                     | VREA016                                | ALT                  | 70   |      |  |
|                    |              |       |                |  | VRES006                                | SM                   |      |      |  |
|                    |              |       | PS             | 4 Lug (Bracket) Fixing                                     | VREA004                                | ALT                  | 70   |      |  |



ALTERNATOR / STARTER type amps

| FORD Continued     |              |       |                |  |  | ALTERNATOR / STARTER | type | amps |
|--------------------|--------------|-------|----------------|--|--|----------------------|------|------|
| <b>ESCORT VI</b>   |              |       |                |  |  |                      |      |      |
| 1.8 TD             |              | 95-99 |                | 5 PV, Internal Fan, 3 Lug (Bracket) Fixing | VREA016                                | ALT                  | 70   |      |
|                    |              | 95-96 |                | Lucas/Bosch OE                             | VRES006                                | SM                   |      |      |
|                    |              | 95-99 | PS             | 5 PV, Internal Fan, 4 Lug (Bracket) Fixing | VREA004                                | ALT                  | 70   |      |
|                    |              | 96-99 |                | Motorcraft OE                              | VRES005                                | SM                   |      |      |
| 2.0 RS             | Not Cosworth | 95-98 |                | 1 V, External Fan                          | VREA007                                | ALT                  | 70   |      |
| <b>FIESTA II</b>   |              |       |                |  |  |                      |      |      |
| 1.1                |              | 89-89 | Electric Choke | With Fan & Pulley, W Terminal              | VREA018                                | ALT                  | 55   |      |
| 1.6 D              |              | 89-89 |                |  | VRES006                                | SM                   |      |      |
| <b>FIESTA III</b>  |              |       |                |  |  |                      |      |      |
| 1.0                |              | 89-91 |                | With Fan & Pulley                          | VREA018                                | ALT                  | 55   |      |
| 1.1                |              | 89-96 |                | With Fan & Pulley                          | VREA018                                | ALT                  | 55   |      |
| 1.3                |              | 91-95 |                | Bolt on Terminals                          | VREA007                                | ALT                  | 70   |      |
| 1.6 RS Turbo       |              | 90-92 |                | 3 PV, European 3 Pin Plug                  | VREA020                                | ALT                  | 55   |      |
| 1.8 D              |              | 90-92 |                | 3 PV, European 3 Pin Plug                  | VREA020                                | ALT                  | 55   |      |
|                    |              | 89-96 |                |  | VRES006                                | SM                   |      |      |
|                    |              | 92-95 |                | 3 PV, Bolt on Terminals                    | VREA036                                | ALT                  | 70   |      |
| <b>FIESTA IV</b>   |              |       |                |  |  |                      |      |      |
| 1.8 D              |              | 95-99 |                | 5 PV, Internal Fan, 4 Lug (Bracket) Fixing | VREA004                                | ALT                  | 70   |      |
|                    |              |       |                | Motorcraft OE                              | VRES005                                | SM                   |      |      |
| 1.8 TDDi           |              | 00-02 |                | Motorcraft OE                              | VRES005                                | SM                   |      |      |
| <b>FOCUS</b>       |              |       |                |  |  |                      |      |      |
| 1.4                | Zetec S      | 98-05 |                | Side Mounted, Oblong Plug (3)              | VREA015                                | ALT                  | 80   |      |
| 1.6                | Zetec S      | 98-05 |                | Side Mounted, Oblong Plug (3)              | VREA015                                | ALT                  | 80   |      |
| 1.8                | Zetec E      | 98-05 |                | Oblong Plug (3)                            | VREA042                                | ALT                  | 80   |      |
| 1.8 TDCi           |              | 98-05 |                | Motorcraft OE                              | VRES005                                | SM                   |      |      |
| 1.8 TDDi           |              | 98-05 |                | Motorcraft OE                              | VRES005                                | SM                   |      |      |
| 2.0                | Zetec E      | 98-05 |                |  | VREA042                                | ALT                  | 80   |      |
| <b>FOCUS II</b>    |              |       |                |  |  |                      |      |      |
| 1.4                |              | 04→   |                | Side Mounted, Oblong Plug (3)              | VREA015                                | ALT                  | 80   |      |
| 1.6                |              | 04→   |                | Side Mounted, Oblong Plug (3)              | VREA015                                | ALT                  | 80   |      |
| <b>FOCUS C-MAX</b> |              |       |                |  |  |                      |      |      |
| 1.6                |              | 03→   |                | Side Mounted, Oblong Plug (3)              | VREA015                                | ALT                  | 80   |      |
| <b>GALAXY</b>      |              |       |                |  |  |                      |      |      |
| 1.9 TDi            | 1Z           | 95-96 | Manual         | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009                                | SM                   |      |      |
|                    |              | 96-99 | Manual         | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009                                | SM                   |      |      |
|                    | AHU          |       |                | Auto                                       | 9Tooth, 3 Plain Holes, Supported Drive | VRES022              | SM   |      |
|                    |              | 96-99 | Manual         | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009                                | SM                   |      |      |
|                    | AFN          |       |                | Auto                                       | 9Tooth, 3 Plain Holes, Supported Drive | VRES022              | SM   |      |
|                    |              | 99-00 | Manual         | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009                                | SM                   |      |      |
| 2.0 16v            |              | 95-00 | Manual         | Unsupported Drive                          | VRES027                                | SM                   |      |      |
|                    |              |       | Auto           | Unsupported Drive                          | VRES017                                | SM                   |      |      |
| 2.3 16v            | Y5B          | 95-00 | Manual         | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009                                | SM                   |      |      |
|                    |              | 97-00 | Auto           | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022                                | SM                   |      |      |
| 2.8 V6             |              | 95-00 | Auto           | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022                                | SM                   |      |      |
| <b>MAVERICK</b>    |              |       |                |  |  |                      |      |      |
| 2.7 TD             |              | 93-96 |                | Hitachi OE, Exposed Gear                   | VRES028                                | SM                   |      |      |
| <b>MONDEO</b>      |              |       |                |  |  |                      |      |      |
| 1.8 16v            | Duratec      | 00-07 | Manual         | Free Wheeling Pulley 6 PV, Oblong Plug (3) | VREA044                                | ALT                  | 124  |      |
|                    |              |       | Auto           | Standard 6 PV, Oblong Plug (3)             | VREA027                                | ALT                  | 124  |      |
| 1.8 TD             |              | 93-00 |                |  | VREA014                                | ALT                  | 95   |      |
|                    |              | 93-96 |                | Lucas/Bosch OE                             | VRES006                                | SM                   |      |      |
|                    |              | 96-00 |                | Motorcraft OE                              | VRES005                                | SM                   |      |      |
| 2.0                | Duratec      | 00→   | Manual         | Free Wheeling Pulley 6 PV, Oblong Plug (3) | VREA044                                | ALT                  | 124  |      |
|                    |              |       | Auto           | Standard 6 PV, Oblong Plug (3)             | VREA027                                | ALT                  | 124  |      |
| 2.0 TDCi           | Duratorq     | 00→   |                | Standard 6 PV, Oblong Plug (3)             | VREA027                                | ALT                  | 124  |      |
|                    |              | 00-07 |                | Located With Dowel, Refit x2               | VRES001                                | SM                   |      |      |
| 2.0 TDDi           | Duratorq     | 00→   |                | Standard 6 PV, Oblong Plug (3)             | VREA027                                | ALT                  | 124  |      |
|                    |              | 00-07 |                | Located With Dowel, Refit x2               | VRES001                                | SM                   |      |      |
| 2.2 TDCi           | Duratorq     | 04→   |                | Standard 6 PV, Oblong Plug (3)             | VREA027                                | ALT                  | 124  |      |
|                    |              | 04-07 |                | Located With Dowel, Refit x2               | VRES001                                | SM                   |      |      |

ALTERNATOR  
/ STARTERtype  
amps**FORD Continued****MONDEO**

|          |          |       |  |                                |         |     |     |
|----------|----------|-------|--|--------------------------------|---------|-----|-----|
| 2.2 TDDi | Duratorq | 04→   |  | Standard 6 PV, Oblong Plug (3) | VREA027 | ALT | 124 |
|          |          | 04-07 |  | Located With Dowel, Refit x2   | VRES001 | SM  |     |

**ORION II**

|       |  |       |  |                           |         |     |    |
|-------|--|-------|--|---------------------------|---------|-----|----|
| 1.3   |  | 86-90 |  | With Fan & Pulley         | VREA018 | ALT | 55 |
| 1.4   |  | 86-90 |  | Bolt on Terminals         | VREA007 | ALT | 70 |
| 1.4 i |  | 86-90 |  | Bolt on Terminals         | VREA007 | ALT | 70 |
| 1.6   |  | 86-90 |  | With Fan & Pulley         | VREA018 | ALT | 55 |
|       |  |       |  | Bolt on Terminals         | VREA007 | ALT | 70 |
| 1.6 i |  | 86-90 |  | With Fan & Pulley         | VREA018 | ALT | 55 |
|       |  |       |  | Bolt on Terminals         | VREA007 | ALT | 70 |
| 1.8 D |  | 88-90 |  | 3 PV, European 3 Pin Plug | VREA020 | ALT | 55 |
|       |  |       |  | 3 PV, Bolt on Terminals   | VREA036 | ALT | 70 |

**ORION III**

|       |  |       |        |                           |         |     |    |
|-------|--|-------|--------|---------------------------|---------|-----|----|
| 1.3   |  | 90-92 |        | Bolt on Terminals         | VREA007 | ALT | 70 |
| 1.4   |  | 90-94 | Not PS | Bolt on Terminals         | VREA007 | ALT | 70 |
| 1.4 i |  | 90-94 | Not PS | Bolt on Terminals         | VREA007 | ALT | 70 |
| 1.6   |  | 90-94 | Not PS | Bolt on Terminals         | VREA007 | ALT | 70 |
| 1.6 i |  | 90-94 | Not PS | Bolt on Terminals         | VREA007 | ALT | 70 |
| 1.8 D |  | 90-94 |        | 3 PV, European 3 Pin Plug | VREA020 | ALT | 55 |
|       |  |       |        |                           | VRES006 | SM  |    |
|       |  |       |        | 3 PV, Bolt on Terminals   | VREA036 | ALT | 70 |

**SIERRA/SAPPHIRE**

|       |  |       |  |                   |         |     |    |
|-------|--|-------|--|-------------------|---------|-----|----|
| 2.3 D |  | 87-90 |  | With Fan & Pulley | VREA018 | ALT | 55 |
|-------|--|-------|--|-------------------|---------|-----|----|

**FORD LCV****ESCORT COMBI MkIV**

|       |  |       |  |                           |         |     |    |
|-------|--|-------|--|---------------------------|---------|-----|----|
| 1.3   |  | 87-90 |  | European 3 Pin Plug       | VREA018 | ALT | 55 |
|       |  |       |  | Bolt on Terminals         | VREA007 | ALT | 70 |
| 1.4   |  | 87-90 |  | European 3 Pin Plug       | VREA018 | ALT | 55 |
|       |  |       |  | Bolt on Terminals         | VREA007 | ALT | 70 |
| 1.8 D |  | 88-90 |  | 3 PV, European 3 Pin Plug | VREA020 | ALT | 55 |
|       |  |       |  |                           | VRES006 | SM  |    |

**ESCORT VAN III 30-55**

|     |  |       |                |                               |         |     |    |
|-----|--|-------|----------------|-------------------------------|---------|-----|----|
| 1.6 |  | 86-86 | Electric Choke | With Fan & Pulley, W Terminal | VREA018 | ALT | 55 |
|-----|--|-------|----------------|-------------------------------|---------|-----|----|

**ESCORT VAN IV 35,55**

|       |  |       |  |                           |         |     |    |
|-------|--|-------|--|---------------------------|---------|-----|----|
| 1.3   |  | 87-90 |  | European 3 Pin Plug       | VREA018 | ALT | 55 |
|       |  |       |  | Bolt on Terminals         | VREA007 | ALT | 70 |
| 1.4   |  | 87-90 |  | European 3 Pin Plug       | VREA018 | ALT | 55 |
|       |  |       |  | Bolt on Terminals         | VREA007 | ALT | 70 |
| 1.6   |  | 87-90 |  | European 3 Pin Plug       | VREA018 | ALT | 55 |
|       |  |       |  | Bolt on Terminals         | VREA007 | ALT | 70 |
| 1.8 D |  | 88-90 |  | 3 PV, European 3 Pin Plug | VREA020 | ALT | 55 |
|       |  |       |  |                           | VRES006 | SM  |    |

**ESCORT VAN V 40-60**

|       |  |       |  |                           |         |     |    |
|-------|--|-------|--|---------------------------|---------|-----|----|
| 1.3   |  | 91-95 |  | European 3 Pin Plug       | VREA018 | ALT | 55 |
|       |  |       |  | Bolt on Terminals         | VREA007 | ALT | 70 |
| 1.4   |  | 91-95 |  | European 3 Pin Plug       | VREA018 | ALT | 55 |
|       |  |       |  | Bolt on Terminals         | VREA007 | ALT | 70 |
| 1.8 D |  | 91-95 |  | 3 PV, European 3 Pin Plug | VREA020 | ALT | 55 |
|       |  |       |  | Lucas/Bosch OE            | VRES006 | SM  |    |
|       |  |       |  | 3 PV, Bolt on Terminals   | VREA036 | ALT | 70 |
|       |  | 93-95 |  | 5 PV, External Fan        | VREA021 | ALT | 70 |

**ESCORT VAN VI 60-75**

|          |  |       |  |  |         |     |    |
|----------|--|-------|--|--|---------|-----|----|
| 1.4      |  | 97→   |  | European 3 Pin Plug                        | VREA018 | ALT | 55 |
|          |  |       |  | Bolt on Terminals                          | VREA007 | ALT | 70 |
| 1.8 D,TD |  | 95→   |  | 5 PV, Internal Fan, 3 Lug (Bracket) Fixing | VREA016 | ALT | 70 |
|          |  | 95-96 |  | Lucas/Bosch OE                             | VRES006 | SM  |    |
|          |  | 95→   |  | 5 PV, Internal Fan, 4 Lug (Bracket) Fixing | VREA004 | ALT | 70 |
|          |  | 96→   |  | Motorcraft OE                              | VRES005 | SM  |    |

**FIESTA VAN III**

|     |  |       |  |                   |         |     |    |
|-----|--|-------|--|-------------------|---------|-----|----|
| 1.0 |  | 89-96 |  | With Fan & Pulley | VREA018 | ALT | 55 |
| 1.1 |  | 89-96 |  | With Fan & Pulley | VREA018 | ALT | 55 |



ALTERNATOR / STARTER type amps

| FORD LCV Continued            |             |       |        |   |         |         |
|-------------------------------|-------------|-------|--------|---|---------|---------|
| <b>FIESTA VAN III</b>         |             |       |        |   |         |         |
| 1.3                           |             | 89-96 |        | European 3 Pin Plug                               | VREA018 | ALT 55  |
|                               |             |       |        | Bolt on Terminals                                 | VREA007 | ALT 70  |
| 1.8 D                         |             | 89-95 |        | 3 PV, European 3 Pin Plug                         | VREA020 | ALT 55  |
|                               |             | 89-96 |        |   | VRES006 | SM      |
|                               |             | 91-95 |        | 3 PV, Bolt on Terminals                           | VREA036 | ALT 70  |
| <b>FIESTA VAN IV 35</b>       |             |       |        |   |         |         |
| 1.8 D                         |             | 96-00 |        | 5 PV, Internal Fan, 4 Lug (Bracket) Fixing        | VREA004 | ALT 70  |
|                               |             |       |        | Motorcraft OE                                     | VRES005 | SM      |
| 1.8 TDCi                      |             | 00→   |        | Motorcraft OE                                     | VRES005 | SM      |
| <b>FIESTA COURIER</b>         |             |       |        |   |         |         |
| 1.3                           |             | 91-96 |        | Bolt on Terminals                                 | VREA007 | ALT 70  |
| 1.3 CFi                       |             | 91-96 |        | Bolt on Terminals                                 | VREA007 | ALT 70  |
| 1.8 D                         |             | 91-96 |        | 3 PV, European 3 Pin Plug                         | VREA020 | ALT 55  |
|                               |             |       |        | Lucas/Bosch OE                                    | VRES006 | SM      |
|                               |             |       |        | 3 PV, Bolt on Terminals                           | VREA036 | ALT 70  |
| 1.8 D,TD                      |             | 96-03 |        | 5 PV, Internal Fan, 4 Lug (Bracket) Fixing        | VREA004 | ALT 70  |
|                               |             |       |        | Motorcraft OE                                     | VRES005 | SM      |
| 1.8 TDCi                      |             | 00-03 |        | Motorcraft OE                                     | VRES005 | SM      |
| <b>TRANSIT (86-00)</b>        |             |       |        |   |         |         |
| 2.5 Di                        |             | 92-96 |        | Bolt on Terminals, Vacuum Pump Drive              | VREA030 | ALT 55  |
|                               |             | 96-00 |        | Internal Fan, Vacuum Pump Drive                   | VREA006 | ALT 95  |
|                               |             |       |        | Motorcraft OE                                     | VRES004 | SM      |
| <b>TRANSIT (00-06)</b>        |             |       |        |   |         |         |
| 2.0 TD                        | Duratorq    | 00-06 |        | Standard 6 PV, Oblong Plug (3)                    | VREA035 | ALT 105 |
|                               | Duratorq    | 00-06 | Manual | Located With Dowel, Refit x2, Motorcraft OE       | VRES001 | SM      |
| 2.4 TD                        | Duratorq    | 00-03 |        | Free Wheeling Pulley 7 PV, Oblong Plug (3)        | VREA013 | ALT 75  |
|                               | Duratorq    | 00-06 | Manual | Located With Dowel, Refit x2, Motorcraft OE       | VRES001 | SM      |
|                               | Duratorq    | 03-06 |        | Free Wheeling Pulley 7 PV, Oblong Plug (3)        | VREA028 | ALT 110 |
| <b>TRANSIT CONNECT</b>        |             |       |        |   |         |         |
| 1.8 TD                        | BHPA        | 02→   |        | Standard 6 PV, Oblong Plug (3)                    | VREA011 | ALT 124 |
|                               |             |       |        |   | VRES021 | SM      |
| 1.8 TDCi                      | HCPA,HCPB   | 03→   |        | Standard 6 PV, Oblong Plug (3)                    | VREA011 | ALT 124 |
|                               |             |       |        |   | VRES021 | SM      |
| <b>HONDA</b>                  |             |       |        |   |         |         |
| <b>ACCORD</b>                 |             |       |        |   |         |         |
| 2.0 TDi                       | 1994cc      | 96-98 |        | 1 Plain Hole, 1 Threaded Hole                     | VRES029 | SM      |
| <b>CIVIC</b>                  |             |       |        |   |         |         |
| 1.7 TD                        |             | 02→   |        | Standard 6 PV, Oval Plug (L W), Vacuum Pump Drive | VREA001 | ALT 100 |
| 2.0 TDi                       |             | 97-99 |        | 1 Plain Hole, 1 Threaded Hole                     | VRES029 | SM      |
| <b>ISUZU</b>                  |             |       |        |   |         |         |
| <b>TROOPER</b>                |             |       |        |   |         |         |
| 3.1 TD                        |             | 92-98 |        | Vacuum Pump Drive                                 | VREA041 | ALT 80  |
| <b>JAGUAR</b>                 |             |       |        |   |         |         |
| <b>X-TYPE</b>                 |             |       |        |   |         |         |
| 2.0 TD                        |             | 03→   |        | Standard 6 PV, Oblong Plug (3)                    | VREA027 | ALT 124 |
| 2.2 TD                        |             | 05→   |        | Standard 6 PV, Oblong Plug (3)                    | VREA027 | ALT 124 |
| <b>LAND ROVER</b>             |             |       |        |   |         |         |
| <b>DISCOVERY</b>              |             |       |        |   |         |         |
| 2.5 200 TDi                   |             | 92-94 |        | Internal Fan, 3 Stud Heat Shield Fixings          | VREA022 | ALT 100 |
| 2.5 300 TDi                   |             | 94-98 |        | Internal Fan, 3 Stud Heat Shield Fixings          | VREA022 | ALT 100 |
| <b>RANGE ROVER</b>            |             |       |        |   |         |         |
| 2.5 300 TDi                   |             | 94-95 |        | 3 Stud Heat Shield Fixings                        | VREA022 | ALT 100 |
| <b>LEYLAND DAF VANS - LDV</b> |             |       |        |   |         |         |
| <b>200 series</b>             |             |       |        |   |         |         |
| 1.9 D                         | Peugeot Eng | 94-97 |        | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit    | VRES003 | SM      |
| <b>CONVOY</b>                 |             |       |        |   |         |         |
| 2.4 Di                        | Ford Eng    | 01-06 |        | Located With Dowel, Refit x2                      | VRES001 | SM      |
| 2.5 Di                        | Ford Eng    | 96-01 |        | Internal Fan, Vacuum Pump Drive                   | VREA006 | ALT 95  |
|                               |             |       |        |   | VRES004 | SM      |
| <b>PILOT</b>                  |             |       |        |   |         |         |
| 1.9 D                         |             | 96-01 |        | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit    | VRES003 | SM      |



ALTERNATOR / STARTER type amps

| VECO                   |            |       |  |   |  |         | ALTERNATOR / STARTER | type | amps |
|------------------------|------------|-------|--|---|--|---------|----------------------|------|------|
| <b>LOTUS</b>           |            |       |  |   |  |         |                      |      |      |
| <b>ELISE</b>           |            |       |  |   |  |         |                      |      |      |
| 1.8                    |            | 96-01 |  |   |  | VREA029 | ALT                  | 85   |      |
| <b>LTI (CARBODIES)</b> |            |       |  |   |  |         |                      |      |      |
| <b>FX FAIRWAY</b>      |            |       |  |   |  |         |                      |      |      |
| 2.7 D                  | Nissan Eng | 87-97 |  | Hitachi OE, Exposed Gear                    |  | VRES028 | SM                   |      |      |
| <b>MAZDA</b>           |            |       |  |   |  |         |                      |      |      |
| <b>121</b>             |            |       |  |   |  |         |                      |      |      |
| 1.8 D                  |            | 96-97 |  | 5 PV, Internal Fan, 4 Lug (Bracket) Fixing  |  | VREA004 | ALT                  | 70   |      |
|                        |            |       |  |   |  | VRES006 | SM                   |      |      |
| <b>MERCEDES</b>        |            |       |  |   |  |         |                      |      |      |
| <b>C200</b>            |            |       |  |   |  |         |                      |      |      |
| 2.2 CDi (W203)         |            | 03-07 |  |   |  | VRES013 | SM                   |      |      |
| <b>C220D</b>           |            |       |  |   |  |         |                      |      |      |
| 2.2 D (W202)           |            | 94-99 |  |   |  | VRES013 | SM                   |      |      |
| 2.2 CDi (W202)         |            | 98-02 |  |   |  | VRES013 | SM                   |      |      |
| 2.2 CDi (W203)         |            | 03-07 |  |   |  | VRES013 | SM                   |      |      |
| <b>C250D</b>           |            |       |  |   |  |         |                      |      |      |
| 2.5 TD (W202)          |            | 96-01 |  |   |  | VRES013 | SM                   |      |      |
| <b>E220D</b>           |            |       |  |   |  |         |                      |      |      |
| 2.2 CDi (W211)         | OM646      | 02→   |  |   |  | VRES013 | SM                   |      |      |
| <b>E270D</b>           |            |       |  |   |  |         |                      |      |      |
| 2.8 CDi (W211)         |            | 02→   |  |   |  | VRES013 | SM                   |      |      |
| <b>E300TD</b>          |            |       |  |   |  |         |                      |      |      |
| 3.0 TD (W210)          |            | 97-99 |  |   |  | VRES013 | SM                   |      |      |
| <b>ML270</b>           |            |       |  |   |  |         |                      |      |      |
| 2.7 CDi (W163)         | 5 Cyl      | 01→   |  |   |  | VRES013 | SM                   |      |      |
| <b>V280 MPV</b>        |            |       |  |   |  |         |                      |      |      |
| 2.8                    |            | 96-03 |  | 9Tooth, 3 Plain Holes, Supported Drive      |  | VRES022 | SM                   |      |      |
| <b>MERCEDES LCV</b>    |            |       |  |   |  |         |                      |      |      |
| <b>SPRINTER</b>        |            |       |  |   |  |         |                      |      |      |
| 208D 2.3 D             |            | 95-00 |  |   |  | VRES013 | SM                   |      |      |
| 208 2.3 CDi            |            | 00-06 |  |   |  | VRES013 | SM                   |      |      |
| 211 2.2 CDi            |            | 00-06 |  |   |  | VRES013 | SM                   |      |      |
| 212D 2.9 D             |            | 95-00 |  |   |  | VRES013 | SM                   |      |      |
| 213 2.2 CDi            |            | 00-06 |  |   |  | VRES013 | SM                   |      |      |
| 2316 2.7 CDi           |            | 00-06 |  |   |  | VRES013 | SM                   |      |      |
| 308D 2.3 D             |            | 95-00 |  |   |  | VRES013 | SM                   |      |      |
| 308 2.2 CDi            |            | 00-06 |  |   |  | VRES013 | SM                   |      |      |
| 310D 2.9 D             |            | 97-00 |  |   |  | VRES013 | SM                   |      |      |
| 311 2.2 CDi            |            | 00-06 |  |   |  | VRES013 | SM                   |      |      |
| 312D 2.9 D             |            | 95-00 |  |   |  | VRES013 | SM                   |      |      |
| 313 2.2 CDi            |            | 00-06 |  |   |  | VRES013 | SM                   |      |      |
| 316 2.7 CDi            |            | 00-06 |  |   |  | VRES013 | SM                   |      |      |
| 410D 2.9 TD            |            | 97-00 |  |   |  | VRES013 | SM                   |      |      |
| 411 2.2 CDi            |            | 00-06 |  |   |  | VRES013 | SM                   |      |      |
| 412D 2.9 TD            |            | 95-00 |  |   |  | VRES013 | SM                   |      |      |
| 413 2.2 CDi            |            | 00-06 |  |   |  | VRES013 | SM                   |      |      |
| 416 2.7 CDi            |            | 00-06 |  |   |  | VRES013 | SM                   |      |      |
| 616 2.7 CDi            |            | 01-06 |  |   |  | VRES013 | SM                   |      |      |
| <b>VITO</b>            |            |       |  |   |  |         |                      |      |      |
| 108D 2.3 D             |            | 96-99 |  |   |  | VRES013 | SM                   |      |      |
| 108D 2.2 CDi           |            | 99-03 |  |   |  | VRES013 | SM                   |      |      |
| 110D 2.2 CDi           |            | 99-03 |  |   |  | VRES013 | SM                   |      |      |
| 112D 2.2 CDi           |            | 99-03 |  |   |  | VRES013 | SM                   |      |      |
| <b>MITSUBISHI</b>      |            |       |  |   |  |         |                      |      |      |
| <b>CARISMA</b>         |            |       |  |   |  |         |                      |      |      |
| 1.9 DiD                |            | 02-04 |  | Free Wheeling Pulley 6 PV, Square Plug (D+) |  | VREA026 | ALT                  | 125  |      |
| <b>SPACE STAR</b>      |            |       |  |   |  |         |                      |      |      |
| 1.9 DiD                |            | 02→   |  | Free Wheeling Pulley 6 PV, Square Plug (D+) |  | VREA026 | ALT                  | 125  |      |



ALTERNATOR / STARTER type amps

| NISSAN             |                 |       |                                       |  |         |         |
|--------------------|-----------------|-------|---------------------------------------|--|---------|---------|
| <b>PATROL</b>      |                 |       |                                       |  |         |         |
| 2.8 TD             |                 | 89-93 |                                       | Hitachi OE, Exposed Gear                       | VRES028 | SM      |
| <b>PRIMERA</b>     |                 |       |                                       |  |         |         |
| 1.6 16v (P10)      |                 | 90-96 |                                       | External Fan, Lucas OE                         | VREA025 | ALT 67  |
| <b>TERRANO 2</b>   |                 |       |                                       |  |         |         |
| 2.7 TD             |                 | 93-   |                                       | Hitachi OE, Exposed Gear                       | VRES028 | SM      |
| <b>NISSAN LCV</b>  |                 |       |                                       |  |         |         |
| <b>CABSTAR</b>     |                 |       |                                       |  |         |         |
| 2.5 D              | TD25            | 87-92 |                                       | Hitachi OE, Exposed Gear                       | VRES028 | SM      |
| <b>D21 PICK UP</b> |                 |       |                                       |  |         |         |
| 2.5 D              |                 | 86-92 |                                       | Hitachi OE, Exposed Gear                       | VRES028 | SM      |
| <b>INTERSTAR</b>   |                 |       |                                       |  |         |         |
| 1.9 dCi            |                 | 02→   | AirCon                                | Free Wheeling Pulley 6 PV, Square Plug (D+)    | VREA026 | ALT 125 |
| 2.5 dCi            |                 | 02→   |                                       | Free Wheeling Pulley 6 PV, Square Plug (D+)    | VREA026 | ALT 125 |
| 2.5 dCi            |                 | 02→   |                                       | Free Wheeling Pulley 6 PV, Square Plug (D+)    | VREA026 | ALT 125 |
| <b>KUBISTAR</b>    |                 |       |                                       |  |         |         |
| 1.1                |                 | 03→   |                                       | 1 Plain Hole, 1 Threaded Hole                  | VRES007 | SM      |
| <b>PRIMASTAR</b>   |                 |       |                                       |  |         |         |
| 1.9 dCi            |                 | 02→   | AirCon                                | Free Wheeling Pulley 6 PV, Square Plug (D+)    | VREA026 | ALT 125 |
| 2.5 dCi            |                 | 03→   |                                       | Free Wheeling Pulley 6 PV, Square Plug (D+)    | VREA026 | ALT 125 |
| <b>URVAN</b>       |                 |       |                                       |  |         |         |
| 2.5 TD (E23)       | TD25            | 89-99 |                                       | Hitachi OE, Exposed Gear                       | VRES028 | SM      |
| 2.5 TD (E24)       | TD25            | 89-99 |                                       | Hitachi OE, Exposed Gear                       | VRES028 | SM      |
| <b>PEUGEOT</b>     |                 |       |                                       |  |         |         |
| <b>106</b>         |                 |       |                                       |  |         |         |
| 1.0                |                 | 91-96 |                                       | Located With Dowel, Refit                      | VRES010 | SM      |
| 1.1                |                 | 91-96 |                                       | Located With Dowel, Refit                      | VRES010 | SM      |
|                    |                 | 97-03 |                                       | Located With Dowel, Refit                      | VRES015 | SM      |
|                    |                 | 99-03 |                                       | 5 PV, Right Hand Bracket, Square Plug          | VREA037 | ALT 70  |
|                    |                 |       |                                       | 5 PV, Right Hand Bracket, Square Plug          | VREA034 | ALT 80  |
| 1.3                |                 | 94-96 |                                       | Located With Dowel, Refit                      | VRES010 | SM      |
| 1.4                |                 | 91-96 |                                       | Located With Dowel, Refit                      | VRES010 | SM      |
|                    |                 | 97-03 |                                       | Located With Dowel, Refit                      | VRES015 | SM      |
|                    |                 | 99-03 |                                       | 5 PV, Right Hand Bracket, Square Plug          | VREA037 | ALT 70  |
|                    |                 |       | 5 PV, Right Hand Bracket, Square Plug | VREA034  | ALT 80  |         |
| 1.5 D              |                 | 94-96 |                                       | 5 PV, Right Hand, 3 Lug (Bracket) Fixing       | VREA010 | ALT 70  |
| 1.6                |                 | 91-96 |                                       | Located With Dowel, Refit                      | VRES010 | SM      |
|                    |                 | 97-03 |                                       | Located With Dowel, Refit                      | VRES015 | SM      |
|                    |                 | 99-03 |                                       | 5 PV, Right Hand Bracket, Square Plug          | VREA037 | ALT 70  |
|                    |                 |       | 5 PV, Right Hand Bracket, Square Plug | VREA034  | ALT 80  |         |
| <b>205</b>         |                 |       |                                       |  |         |         |
| 1.0                | 950cc TU Engine | 88-93 |                                       | Located With Dowel, Refit                      | VRES011 | SM      |
| 1.1                | TU Engine       | 88-97 |                                       | Located With Dowel, Refit                      | VRES011 | SM      |
| 1.3                | TU Engine       | 87-92 |                                       | Located With Dowel, Refit                      | VRES011 | SM      |
| 1.4                | TU Engine       | 88-93 |                                       | Located With Dowel, Refit                      | VRES011 | SM      |
| <b>206</b>         |                 |       |                                       |  |         |         |
| 1.1                |                 | 98→   |                                       | 4 Lug (Bracket) Fixing, Square Plug            | VREA024 | ALT 70  |
|                    |                 |       |                                       | Located With Dowel, Refit                      | VRES015 | SM      |
| 1.4                |                 | 98→   |                                       | 4 Lug (Bracket) Fixing, Square Plug            | VREA024 | ALT 70  |
|                    |                 |       |                                       | Located With Dowel, Refit                      | VRES015 | SM      |
| 1.6                |                 | 98→   |                                       | 4 Lug (Bracket) Fixing, Square Plug            | VREA024 | ALT 70  |
|                    |                 |       |                                       | Located With Dowel, Refit                      | VRES015 | SM      |
| 1.6 16v            |                 | 00→   |                                       | 4 Lug (Bracket) Fixing, Square Plug            | VREA024 | ALT 70  |
|                    |                 |       |                                       | Located With Dowel, Refit                      | VRES015 | SM      |
| 1.9 D              |                 | 98→   |                                       | 4 Lug (Bracket) Fixing, Side Terminals         | VREA031 | ALT 70  |
|                    |                 |       |                                       | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM      |
|                    |                 |       | AirCon                                | 4 Lug (Bracket) Fixing, Bolt on Terminals      | VREA038 | ALT 90  |
|                    |                 | 00→   |                                       | 4 Lug (Bracket) Fixing, Square Plug            | VREA024 | ALT 70  |
| 2.0 16v            |                 | 99→   |                                       | 4 Lug (Bracket) Fixing, Square Plug            | VREA024 | ALT 70  |
| 2.0 HDi            |                 | 98→   | Not AirCon                            | 4 Lug (Bracket) Fixing                         | VREA038 | ALT 90  |
|                    |                 |       |                                       | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM      |
|                    |                 | 99-02 |                                       | Free Wheeling Pulley 6 PV, D+ Stud             | VREA023 | ALT 150 |



ALTERNATOR / STARTER type amps

**PEUGEOT Continued**

|              |           |       |        |  |         | ALTERNATOR / STARTER | type | amps |
|--------------|-----------|-------|--------|--|---------|----------------------|------|------|
| <b>207</b>   |           |       |        |  |         |                      |      |      |
| 1.4 Inc. 16v |           | 06→   |        | Located With Dowel, Refit  | VRES015 | SM                   |      |      |
| 1.6 16v      |           | 06→   |        | Located With Dowel, Refit  | VRES010 | SM                   |      |      |
| <b>306</b>   |           |       |        |  |         |                      |      |      |
| 1.4          |           | 93-01 |        | Located With Dowel, Refit  | VRES010 | SM                   |      |      |
| 1.6          |           | 93-01 |        | Located With Dowel, Refit  | VRES010 | SM                   |      |      |
| 1.8 Inc. 16v |           | 93-01 |        | Stud Solenoid, Located With Dowel, Refit                             | VRES026 | SM                   |      |      |
| 1.9 D        | 1905cc    | 93-99 |        | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit                       | VRES003 | SM                   |      |      |
| 1.9 D        | 1868cc    | 99-02 | PS     | 4 Lug (Bracket) Fixing, Side Terminals                               | VREA031 | ALT                  | 70   |      |
|              |           |       |        | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit                       | VRES003 | SM                   |      |      |
|              |           |       | PS     | 4 Lug (Bracket) Fixing   | VREA038 | ALT                  | 90   |      |
| 1.9 TD       | 1905cc    | 93-99 |        | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit                       | VRES003 | SM                   |      |      |
| 2.0          |           | 94-97 |        | Stud Solenoid, Located With Dowel, Refit                             | VRES026 | SM                   |      |      |
| 2.0 16v S16  |           | 96-97 |        | Located With Dowel, Refit  | VRES010 | SM                   |      |      |
| 2.0 HDi      |           | 99-01 |        | 4 Lug (Bracket) Fixing   | VREA038 | ALT                  | 90   |      |
|              |           |       |        | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit                       | VRES003 | SM                   |      |      |
|              |           |       | AirCon | Free Wheeling Pulley 6 PV, D+ Stud                                   | VREA023 | ALT                  | 150  |      |
| <b>307</b>   |           |       |        |  |         |                      |      |      |
| 1.4          |           | 01→   |        | Located With Dowel, Refit  | VRES015 | SM                   |      |      |
| 1.6 16v      |           | 01→   |        | Located With Dowel, Refit  | VRES015 | SM                   |      |      |
| 2.0 HDi      |           | 01→   |        | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit                       | VRES003 | SM                   |      |      |
| <b>309</b>   |           |       |        |  |         |                      |      |      |
| 1.1          | TU Engine | 91-93 |        | Located With Dowel, Refit  | VRES011 | SM                   |      |      |
| 1.4          | TU Engine | 91-93 |        | Located With Dowel, Refit  | VRES011 | SM                   |      |      |
| <b>405</b>   |           |       |        |  |         |                      |      |      |
| 1.4          |           | 92-94 |        | Located With Dowel, Refit  | VRES011 | SM                   |      |      |
| 1.8          |           | 93-97 |        | Stud Solenoid, Located With Dowel, Refit                             | VRES026 | SM                   |      |      |
| <b>406</b>   |           |       |        |  |         |                      |      |      |
| 1.8 16v      |           | 96-99 |        | Stud Solenoid, Located With Dowel, Refit                             | VRES026 | SM                   |      |      |
|              |           | 00-02 |        | 6 PV, 4 Lug (Bracket) Fixing, Bolt on Terminals                      | VREA038 | ALT                  | 90   |      |
| 1.9 TD       |           | 96-99 |        | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit                       | VRES003 | SM                   |      |      |
| 2.0 16v      |           | 96-99 |        | Stud Solenoid, Located With Dowel, Refit                             | VRES026 | SM                   |      |      |
|              |           | 99-04 |        | 6 PV, 4 Lug (Bracket) Fixing, Bolt on Terminals                      | VREA038 | ALT                  | 90   |      |
| 2.0 16v HPi  |           | 01-04 |        | 6 PV, 4 Lug (Bracket) Fixing, Bolt on Terminals                      | VREA038 | ALT                  | 90   |      |
| 2.0 HDi      |           | 98-04 |        | 6 PV, 4 Lug (Bracket) Fixing, Bolt on Terminals                      | VREA038 | ALT                  | 90   |      |
|              |           | 98-04 |        | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit                       | VRES003 | SM                   |      |      |
|              |           | 99-04 | AirCon | Free Wheeling Pulley 6 PV, 4 Lug (Bracket) Fixing, Bolt on Terminals | VREA023 | ALT                  | 150  |      |
| 2.2 16v      |           | 00-02 |        | 6 PV, 4 Lug (Bracket) Fixing, Bolt on Terminals                      | VREA038 | ALT                  | 90   |      |
| 2.2 HDi      |           | 00-04 |        | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit                       | VRES003 | SM                   |      |      |
|              |           | 01-04 | AirCon | Free Wheeling Pulley 6 PV, 4 Lug (Bracket) Fixing, Bolt on Terminals | VREA023 | ALT                  | 150  |      |
| <b>407</b>   |           |       |        |  |         |                      |      |      |
| 2.0 HDi      |           | 04→   |        | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit                       | VRES003 | SM                   |      |      |
| <b>607</b>   |           |       |        |  |         |                      |      |      |
| 2.0 16v      |           | 01-05 |        | 2 Lug (Bracket) Fixing, Square Plug                                  | VREA034 | ALT                  | 80   |      |
| 2.2 16v      |           | 00-05 |        | Bolt on Terminals  | VREA038 | ALT                  | 90   |      |
| 2.0 HDi      |           | 01→   |        | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit                       | VRES003 | SM                   |      |      |
|              |           | 01-04 |        | Free Wheeling Pulley 6 PV, D+ Stud                                   | VREA023 | ALT                  | 150  |      |
| 2.2 HDi      |           | 01→   |        | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit                       | VRES003 | SM                   |      |      |
|              |           | 01-04 |        | Free Wheeling Pulley 6 PV, D+ Stud                                   | VREA023 | ALT                  | 150  |      |
| <b>806</b>   |           |       |        |  |         |                      |      |      |
| 1.9 TD       |           | 96-99 |        | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit                       | VRES003 | SM                   |      |      |
| 2.0          |           | 95-00 |        | Stud Solenoid, Located With Dowel, Refit                             | VRES026 | SM                   |      |      |
| 2.0 16v      |           | 00-02 |        | 4 Lug (Bracket) Fixing   | VREA038 | ALT                  | 90   |      |
| 2.0 HDi      |           | 99-02 |        | Standard 6 PV  | VREA038 | ALT                  | 90   |      |
|              |           |       |        | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit                       | VRES003 | SM                   |      |      |
|              |           |       |        | Free Wheeling Pulley 6 PV, D+ Stud                                   | VREA023 | ALT                  | 150  |      |
| <b>807</b>   |           |       |        |  |         |                      |      |      |
| 2.0 HDi      |           | 02→   |        | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit                       | VRES003 | SM                   |      |      |
|              |           |       |        | Free Wheeling Pulley 6 PV, D+ Stud                                   | VREA023 | ALT                  | 150  |      |
| 2.2 HDi      |           | 00→   |        | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit                       | VRES003 | SM                   |      |      |
|              |           | 02→   |        | Free Wheeling Pulley 6 PV, D+ Stud                                   | VREA023 | ALT                  | 150  |      |



ALTERNATOR / STARTER type amps

**PEUGEOT Continued**

| 1007    |           |     |  |                           |         |    |
|---------|-----------|-----|--|---------------------------|---------|----|
| 1.4     | KFV TU3JP | 05→ |  | Located With Dowel, Refit | VRES015 | SM |
| 1.6 16v |           | 05→ |  | Located With Dowel, Refit | VRES010 | SM |

| PARTNER COMBI |  |     |  |  |         |        |
|---------------|--|-----|--|--|---------|--------|
| 1.4           |  | 01→ |  | Located With Dowel, Refit                      | VRES015 | SM     |
|               |  | 03→ |  | 4 Lug (Bracket) Fixing, Square Plug            | VREA024 | ALT 70 |
| 1.6 16v       |  | 03→ |  | 4 Lug (Bracket) Fixing, Square Plug            | VREA024 | ALT 70 |
|               |  |     |  | Located With Dowel, Refit                      | VRES015 | SM     |
| 1.9 D         |  | 01→ |  | 4 Lug (Bracket) Fixing, Bolt on Terminals      | VREA031 | ALT 70 |
|               |  |     |  | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM     |
|               |  |     |  | 4 Lug (Bracket) Fixing, Bolt on Terminals      | VREA038 | ALT 90 |
|               |  |     |  | 4 Lug (Bracket) Fixing, Square Plug            | VREA024 | ALT 70 |
| 2.0 HDi       |  | 02→ |  | 4 Lug (Bracket) Fixing, Bolt on Terminals      | VREA031 | ALT 70 |
|               |  |     |  | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM     |
|               |  |     |  | 4 Lug (Bracket) Fixing, Bolt on Terminals      | VREA038 | ALT 90 |

**PEUGEOT LCV**

| 206 VAN |  |     |        |  |         |        |
|---------|--|-----|--------|--|---------|--------|
| 1.9 D   |  | 00→ |        | 4 Lug (Bracket) Fixing, Side Terminals         | VREA031 | ALT 70 |
|         |  |     |        | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM     |
|         |  |     | AirCon | 4 Lug (Bracket) Fixing, Bolt on Terminals      | VREA038 | ALT 90 |
|         |  |     |        | 4 Lug (Bracket) Fixing, Square Plug            | VREA024 | ALT 70 |

| 207 VAN |  |     |  |                           |         |    |
|---------|--|-----|--|---------------------------|---------|----|
| 1.4     |  | 07→ |  | Located With Dowel, Refit | VRES015 | SM |

| BOXER   |  |       |  |  |         |         |
|---------|--|-------|--|--|---------|---------|
| 1.9 D   |  | 94-02 |  | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM      |
| 1.9 TD  |  | 94-02 |  | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM      |
| 2.0     |  | 94→   |  | Stud Solenoid, Located With Dowel, Refit       | VRES026 | SM      |
| 2.0 HDi |  | 02→   |  | Standard 6 PV, D+ Stud                         | VREA038 | ALT 90  |
|         |  |       |  | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM      |
|         |  |       |  | Free Wheeling Pulley 6 PV, D+ Stud             | VREA023 | ALT 150 |
| 2.2 HDi |  | 02→   |  | Standard 6 PV, D+ Stud                         | VREA038 | ALT 90  |
|         |  | 02-04 |  | Free Wheeling Pulley 6 PV, D+ Stud             | VREA023 | ALT 150 |

| EXPERT  |        |       |  |  |         |         |
|---------|--------|-------|--|--|---------|---------|
| 1.9 D   | 1868cc | 99-00 |  | 4 Lug (Bracket) Fixing, Side Terminals         | VREA031 | ALT 70  |
|         |        |       |  | 4 Lug (Bracket) Fixing, Side Terminals         | VREA038 | ALT 90  |
|         | 1905cc | 96-00 |  | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM      |
| 1.9 TD  |        | 96-00 |  | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM      |
| 2.0 HDi |        | 00→   |  | Standard 6 PV, D+ Stud                         | VREA038 | ALT 90  |
|         |        |       |  | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM      |
|         |        |       |  | Free Wheeling Pulley 6 PV, D+ Stud             | VREA023 | ALT 150 |

| PARTNER |  |       |    |  |         |        |
|---------|--|-------|----|--|---------|--------|
| 1.4     |  | 96-03 |    | Located With Dowel, Refit                      | VRES010 | SM     |
| 1.8 D   |  | 96-99 |    | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM     |
| 1.9 D   |  | 96→   |    | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM     |
|         |  | 99→   | PS | 4 Lug (Bracket) Fixing, Bolt on Terminals      | VREA031 | ALT 70 |
|         |  | 99→   | PS | 4 Lug (Bracket) Fixing, Bolt on Terminals      | VREA038 | ALT 90 |
|         |  | 01→   |    | 4 Lug (Bracket) Fixing, Square Plug            | VREA024 | ALT 70 |
| 2.0 HDi |  | 01→   |    | 10/13 Tooth, 1.7 kW, Located With Dowel, Refit | VRES003 | SM     |
|         |  | 02→   |    | 4 Lug (Bracket) Fixing, Bolt on Terminals      | VREA038 | ALT 90 |

**RENAULT**

| 19      |        |       |  |                           |         |    |
|---------|--------|-------|--|---------------------------|---------|----|
| 1.8 8v  | 1794cc | 92-96 |  | Located With Dowel, Refit | VRES008 | SM |
| 1.8 16v | 1764cc | 91-95 |  | Located With Dowel, Refit | VRES008 | SM |

| 21  |  |       |  |                           |         |    |
|-----|--|-------|--|---------------------------|---------|----|
| 1.7 |  | 92-95 |  | Located With Dowel, Refit | VRES008 | SM |

| CLIO I  |      |       |  |                               |         |    |
|---------|------|-------|--|-------------------------------|---------|----|
| 1.2 8v  | E7F  | 90-98 |  | Located With Dowel, Refit     | VRES008 | SM |
|         | D7F7 | 96-99 |  | 1 Plain Hole, 1 Threaded Hole | VRES007 | SM |
| 1.4     |      | 92-98 |  | Located With Dowel, Refit     | VRES008 | SM |
| 1.8 8v  |      | 90-97 |  | Located With Dowel, Refit     | VRES008 | SM |
| 1.8 16v | DOHC | 91-96 |  | Located With Dowel, Refit     | VRES008 | SM |



ALTERNATOR / STARTER type amps

| RENAULT Continued     |             |       |             |   |         |         |
|-----------------------|-------------|-------|-------------|---|---------|---------|
| <b>CLIO II</b>        |             |       |             |   |         |         |
| 1.2 8v                | D7F7        | 98-07 |             | 1 Plain Hole, 1 Threaded Hole               | VRES007 | SM      |
| 1.2 16v               | D4F         | 00-05 |             | 1 Plain Hole, 1 Threaded Hole               | VRES007 | SM      |
| 1.4 8v                | EJ7.780     | 98-00 |             | Located With Dowel, Refit                   | VRES008 | SM      |
|                       | EJ7.634/635 | 98-00 |             | Located With Dowel, Refit                   | VRES008 | SM      |
| 1.6 8v                |             | 98-01 |             | Located With Dowel, Refit                   | VRES008 | SM      |
| <b>CLIO III</b>       |             |       |             |   |         |         |
| 1.2 16v               | D4F         | 05→   |             | 1 Plain Hole, 1 Threaded Hole               | VRES007 | SM      |
| 1.4 16v               | K4J780      | 05→   |             | 1 Plain Hole, 1 Threaded Hole               | VRES007 | SM      |
| <b>ESPACE</b>         |             |       |             |   |         |         |
| 2.0                   |             | 98-00 |             | Located With Dowel, Refit                   | VRES008 | SM      |
| 2.2 dCi               |             | 00-02 |             | Free Wheeling Pulley 6 PV, Square Plug (D+) | VREA026 | ALT 125 |
| <b>KANGOO</b>         |             |       |             |   |         |         |
| 1.2                   |             | 03-05 |             | 1 Plain Hole, 1 Threaded Hole               | VRES007 | SM      |
| 1.4 8v                | EJ7.780     | 99-03 |             | Located With Dowel, Refit                   | VRES008 | SM      |
|                       | EJ7.634/635 | 99-03 |             | Located With Dowel, Refit                   | VRES008 | SM      |
| <b>LAGUNA</b>         |             |       |             |   |         |         |
| 1.8                   |             | 94-98 |             | Located With Dowel, Refit                   | VRES008 | SM      |
| 1.9 dCi               |             | 01-07 | Inc. AirCon | Free Wheeling Pulley 6 PV, Square Plug (D+) | VREA026 | ALT 125 |
| 2.0                   |             | 93-00 |             | Located With Dowel, Refit                   | VRES008 | SM      |
| <b>MEGANE</b>         |             |       |             |   |         |         |
| 1.4                   |             | 96-99 |             | Located With Dowel, Refit                   | VRES008 | SM      |
| 1.6                   |             | 96-99 |             | Located With Dowel, Refit                   | VRES008 | SM      |
| 2.0                   |             | 96-99 |             | Located With Dowel, Refit                   | VRES008 | SM      |
| 2.0 16v               | F7R         | 96-02 |             | Located With Dowel, Refit                   | VRES008 | SM      |
| <b>MEGANE CLASSIC</b> |             |       |             |   |         |         |
| 1.6                   |             | 96-99 |             | Located With Dowel, Refit                   | VRES008 | SM      |
| 2.0                   |             | 96-99 |             | Located With Dowel, Refit                   | VRES008 | SM      |
| 2.0 16v               | F7R         | 96-02 |             | Located With Dowel, Refit                   | VRES008 | SM      |
| <b>MEGANE SCENIC</b>  |             |       |             |   |         |         |
| 2.0 16v               | F7R         | 96-02 |             | Located With Dowel, Refit                   | VRES008 | SM      |
| <b>MODUS</b>          |             |       |             |   |         |         |
| 1.2                   |             | 04→   |             | 1 Plain Hole, 1 Threaded Hole               | VRES007 | SM      |
| 1.4 16v               | K4J780      | 05→   |             | 1 Plain Hole, 1 Threaded Hole               | VRES007 | SM      |
| <b>SAFRANE</b>        |             |       |             |   |         |         |
| 2.5 V6                | N7U         | 96-00 |             | Located With Dowel Pin, Refit Pin           | VRES023 | SM      |
| <b>RENAULT LCV</b>    |             |       |             |   |         |         |
| <b>CLIO VAN</b>       |             |       |             |   |         |         |
| 1.2                   |             | 94-96 |             | Located With Dowel, Refit                   | VRES008 | SM      |
| <b>EXTRA II</b>       |             |       |             |   |         |         |
| 1.2                   |             | 92-98 | 575,775kg   | Located With Dowel, Refit                   | VRES008 | SM      |
| 1.4                   |             | 92-98 | 575,775kg   | Located With Dowel, Refit                   | VRES008 | SM      |
| <b>KANGOO</b>         |             |       |             |   |         |         |
| 1.2                   |             | 03-05 |             | 1 Plain Hole, 1 Threaded Hole               | VRES007 | SM      |
| 1.4 8v                | EJ7.780     | 99-03 |             | Located With Dowel, Refit                   | VRES008 | SM      |
|                       | EJ7.634/635 | 99-03 |             | Located With Dowel, Refit                   | VRES008 | SM      |
| <b>MASTER</b>         |             |       |             |   |         |         |
| 1.9 dCi               |             | 00→   | AirCon      | Free Wheeling Pulley 6 PV, Square Plug (D+) | VREA026 | ALT 125 |
| 2.2 dCi               |             | 00→   | AirCon      | Free Wheeling Pulley 6 PV, Square Plug (D+) | VREA026 | ALT 125 |
| 2.5 D                 |             | 98-03 |             | Located With Dowel, Refit                   | VRES031 | SM      |
| 2.5 dCi               |             | 00-03 |             | Free Wheeling Pulley 6 PV, Square Plug (D+) | VREA026 | ALT 125 |
| 2.8 dTi               |             | 98-03 |             | Located With Dowel, Refit                   | VRES031 | SM      |
| <b>TRAFIC</b>         |             |       |             |   |         |         |
| 1.7                   |             | 92-98 |             | Located With Dowel, Refit                   | VRES008 | SM      |
| 1.9 dCi               |             | 01→   | AirCon      | Free Wheeling Pulley 6 PV, Square Plug (D+) | VREA026 | ALT 125 |
| 2.5 dCi               |             | 01→   |             | Free Wheeling Pulley 6 PV, Square Plug (D+) | VREA026 | ALT 125 |
| <b>ROVER GROUP</b>    |             |       |             |   |         |         |
| <b>25</b>             |             |       |             |   |         |         |
| 1.1 16v               |             | 99-06 |             | Bolt on Terminals                           | VREA005 | ALT 65  |
| 1.4 16v               |             | 99-06 | AirCon      | Oval Plug (D+,DFM)                          | VREA008 | ALT 85  |
| 1.6 16v               |             | 99-06 | AirCon      | Oval Plug (D+,DFM)                          | VREA008 | ALT 85  |
| 1.8 16v               |             | 99-06 | AirCon      | Oval Plug (D+,DFM)                          | VREA008 | ALT 85  |



ALTERNATOR  
/ STARTER      type      amps

**ROVER GROUP Continued**

| <b>45</b>         |     |              |       |                |  |         |     |    |
|-------------------|-----|--------------|-------|----------------|--|---------|-----|----|
| 1.4               | 16v |              | 99-06 | AirCon         | Oval Plug (D+,DFM)                       | VREA008 | ALT | 85 |
| 1.6               | 16v |              | 99-06 | AirCon         | Oval Plug (D+,DFM)                       | VREA008 | ALT | 85 |
| 1.8               | 16v |              | 99-06 | AirCon         | Oval Plug (D+,DFM)                       | VREA008 | ALT | 85 |
| 2.0               | TD  |              | 99-06 |                | 1 Plain Hole, 1 Threaded Hole            | VRES029 | SM  |    |
| <b>100</b>        |     |              |       |                |  |         |     |    |
| 111               | 1.1 | GTa,GTi      | 97-98 |                | 5 PV, Internal Fan                       | VREA005 | ALT | 65 |
| 114               | 1.4 |              | 97-98 |                | 5 PV, Internal Fan                       | VREA005 | ALT | 65 |
| 115               | 1.5 | D,SD,SLD     | 95-98 |                | 5 PV, Right Hand, 3 Lug (Bracket) Fixing | VREA010 | ALT | 70 |
| <b>200 III</b>    |     |              |       |                |  |         |     |    |
| 211               | 1.1 | 8v           | 98-00 |                | 5 PV, Internal Fan                       | VREA005 | ALT | 65 |
| 214               | 1.4 |              | 95-00 |                | 5 PV, Internal Fan                       | VREA005 | ALT | 65 |
| 216               | 1.6 | 1589cc, DOHC | 95-00 |                | 5 PV, Internal Fan                       | VREA005 | ALT | 65 |
| 218               | 1.8 | 16v          | 96-00 |                |  | VREA029 | ALT | 85 |
| 200               | 1.8 | vi 16v       | 96-00 |                |  | VREA029 | ALT | 85 |
| 220               | 2.0 | D,Di         | 95-99 |                | 1 Plain Hole, 1 Threaded Hole            | VRES029 | SM  |    |
| <b>400</b>        |     |              |       |                |  |         |     |    |
| 414               | 1.4 | 16v          | 95-97 |                | 5 PV, Internal Fan                       | VREA005 | ALT | 65 |
| 416               | 1.6 | 16v          | 95-99 | Honda D16Y2    | 5 PV, Bolt on Terminals                  | VREA005 | ALT | 65 |
|                   |     |              | 95-99 | K Series 16K4F | 5 PV, Bolt on Terminals                  | VREA005 | ALT | 65 |
| 420               | 2.0 | Di           | 95-99 |                | 1 Plain Hole, 1 Threaded Hole            | VRES029 | SM  |    |
| <b>600</b>        |     |              |       |                |  |         |     |    |
| 618               | 1.8 |              | 96-99 | Manual         | 1 Plain Hole, 1 Threaded Hole            | VRES029 | SM  |    |
| 620               | 2.0 | Di           | 95-99 |                | 1 Plain Hole, 1 Threaded Hole            | VRES029 | SM  |    |
| <b>MGF</b>        |     |              |       |                |  |         |     |    |
|                   | 1.8 | i            | 95-03 |                |  | VREA029 | ALT | 85 |
|                   | 1.8 | I VVC        | 95-03 |                |  | VREA029 | ALT | 85 |
| <b>MGTF</b>       |     |              |       |                |  |         |     |    |
|                   | 1.6 | 16v          | 02-06 |                | Oval Plug (D+,DFM)                       | VREA008 | ALT | 85 |
|                   | 1.8 | 16v          | 02-06 |                | Oval Plug (D+,DFM)                       | VREA008 | ALT | 85 |
| <b>MGZR</b>       |     |              |       |                |  |         |     |    |
|                   | 1.4 | 16v          | 01-06 |                | 5 PV, Oval Plug                          | VREA008 | ALT | 85 |
|                   | 1.8 | 16v          | 01-06 |                | Oval Plug (D+,DFM)                       | VREA008 | ALT | 85 |
|                   | 2.0 | TD           | 01-06 |                | 1 Plain Hole, 1 Threaded Hole            | VRES029 | SM  |    |
| <b>MGZS</b>       |     |              |       |                |  |         |     |    |
|                   | 1.6 | 16v          | 03-06 |                | 5 PV, Oval Plug                          | VREA008 | ALT | 85 |
|                   | 1.8 | 16v          | 01-06 |                | Oval Plug (D+,DFM)                       | VREA008 | ALT | 85 |
|                   | 2.0 | TD           | 02-06 |                | 1 Plain Hole, 1 Threaded Hole            | VRES029 | SM  |    |
| <b>STREETWISE</b> |     |              |       |                |  |         |     |    |
|                   | 1.4 | 16v          | 03-06 | AirCon         | Oval Plug (D+,DFM)                       | VREA008 | ALT | 85 |
|                   | 1.6 | 16v          | 03-06 | AirCon         | Oval Plug (D+,DFM)                       | VREA008 | ALT | 85 |
|                   | 1.8 | 16v          | 03-06 | AirCon         | Oval Plug (D+,DFM)                       | VREA008 | ALT | 85 |
|                   | 2.0 | TD           | 03-06 |                | 1 Plain Hole, 1 Threaded Hole            | VRES029 | SM  |    |
| <b>SAAB</b>       |     |              |       |                |  |         |     |    |
| <b>900</b>        |     |              |       |                |  |         |     |    |
|                   | 2.0 | i Inc. Turbo | 93-98 | DOHC           | 1 Plain Hole, 1 Threaded Hole            | VRES024 | SM  |    |
|                   | 2.3 | i            | 93-98 | DOHC           | 1 Plain Hole, 1 Threaded Hole            | VRES024 | SM  |    |
| <b>9000 CS</b>    |     |              |       |                |  |         |     |    |
|                   | 2.0 | 16v          | 92-98 |                | 1 Plain Hole, 1 Threaded Hole            | VRES024 | SM  |    |
|                   | 2.0 | 16v Turbo    | 92-98 |                | 1 Plain Hole, 1 Threaded Hole            | VRES024 | SM  |    |
|                   | 2.3 | 16v          | 92-98 |                | 1 Plain Hole, 1 Threaded Hole            | VRES024 | SM  |    |
|                   | 2.3 | 16v Turbo    | 92-98 |                | 1 Plain Hole, 1 Threaded Hole            | VRES024 | SM  |    |
| <b>9-3</b>        |     |              |       |                |  |         |     |    |
|                   | 2.0 | i 16v        | 98-00 |                | 1 Plain Hole, 1 Threaded Hole            | VRES024 | SM  |    |
|                   | 2.0 | t 16v Turbo  | 98-03 |                | 1 Plain Hole, 1 Threaded Hole            | VRES024 | SM  |    |
|                   | 2.2 | TiD          | 98-02 |                | 1 Plain Hole, 1 Threaded Hole            | VRES020 | SM  |    |
|                   | 2.3 | 16v          | 98-00 |                | 1 Plain Hole, 1 Threaded Hole            | VRES024 | SM  |    |
|                   | 2.3 | 16v Turbo    | 98-03 |                | 1 Plain Hole, 1 Threaded Hole            | VRES024 | SM  |    |
| <b>9-5</b>        |     |              |       |                |  |         |     |    |
|                   | 2.0 | 16v Turbo    | 97-00 |                | 1 Plain Hole, 1 Threaded Hole            | VRES024 | SM  |    |
|                   | 2.2 | TiD          | 02-05 |                | 1 Plain Hole, 1 Threaded Hole            | VRES020 | SM  |    |
|                   | 2.3 | 16v Turbo    | 97→   |                | 1 Plain Hole, 1 Threaded Hole            | VRES024 | SM  |    |



ALTERNATOR / STARTER type amps

| SEAT      |             |       |  |  |         |     |    |
|-----------|-------------|-------|--|--|---------|-----|----|
| ALHAMBRA  |             |       |  |  |         |     |    |
| 1.8 Turbo | AJH         | 98-00 | Manual                                 | Supported Drive                            | VRES019 | SM  |    |
|           |             |       | Auto                                   | Supported Drive                            | VRES014 | SM  |    |
| 1.9 TDi   | 1Z          | 95-96 | Manual                                 | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM  |    |
|           | AHU         | 96-99 | Manual                                 | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM  |    |
|           |             |       | Auto                                   | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022 | SM  |    |
|           | AFN         | 96-99 | Manual                                 | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM  |    |
|           |             |       | Auto                                   | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022 | SM  |    |
|           | AHU AFN     | 99-00 | Manual                                 | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM  |    |
| Auto      |             |       | 9Tooth, 3 Plain Holes, Supported Drive | VRES022                                    | SM      |     |    |
| 2.0       | ADY         | 96-99 |  | Slot Adjuster, Oblong Plug (D+,W)          | VREA040 | ALT | 90 |
|           |             | 96-98 | Manual                                 | Unsupported Drive                          | VRES027 | SM  |    |
|           |             | 98-00 | Manual                                 | Supported Drive                            | VRES019 | SM  |    |
|           |             | 96-98 | Auto                                   | Unsupported Drive                          | VRES017 | SM  |    |
|           |             | 98-00 | Auto                                   | Supported Drive                            | VRES014 | SM  |    |
|           | ATM         | 00→   | Auto                                   | Supported Drive                            | VRES014 | SM  |    |
| AROSA     |             |       |  |  |         |     |    |
| 1.0       | AER,ALL     | 97-99 | PS                                     | 4 Lug (Bracket) Fixing, Oblong Plug (D+,W) | VREA032 | ALT | 70 |
|           |             | 97-99 |  | Unsupported Drive                          | VRES012 | SM  |    |
|           | ALD         | 97-99 |  | Unsupported Drive                          | VRES012 | SM  |    |
|           | ANV         | 99-00 |  | Unsupported Drive                          | VRES012 | SM  |    |
|           | AUC         | 00-04 |  | Unsupported Drive                          | VRES012 | SM  |    |
| 1.4       | AEX         | 97-98 | PS                                     | 4 Lug (Bracket) Fixing, Oblong Plug (D+,W) | VREA032 | ALT | 70 |
|           |             | 97-98 | Manual                                 | Unsupported Drive                          | VRES012 | SM  |    |
|           | AKV         | 97-99 | PS                                     | 4 Lug (Bracket) Fixing, Oblong Plug (D+,W) | VREA032 | ALT | 70 |
|           |             |       | Manual                                 | Unsupported Drive                          | VRES012 | SM  |    |
|           | AKK,ANW     | 99-00 | Manual                                 | Unsupported Drive                          | VRES012 | SM  |    |
|           | AUD         | 00→   | Manual                                 | Unsupported Drive                          | VRES012 | SM  |    |
| 1.4 16v   | AFK,AQQ,AUB | 00→   |  | Unsupported Drive                          | VRES012 | SM  |    |
| 1.4 TDi   | AMF         | 01→   |  | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM  |    |
| CORDOBA   |             |       |  |  |         |     |    |
| 1.4       | AEX         | 95-96 |  | 4 Lug (Bracket) Fixing, Oblong Plug (D+,W) | VREA032 | ALT | 70 |
|           |             |       |  | Unsupported Drive                          | VRES012 | SM  |    |
| 1.4 8v    | All Eng's   | 97-00 |  | 4 Lug (Bracket) Fixing, Oblong Plug (D+,W) | VREA032 | ALT | 70 |
|           |             |       |  | Unsupported Drive                          | VRES012 | SM  |    |
| 1.6       | 1F          | 94-01 |  | 4 Lug (Bracket) Fixing, Oblong Plug (D+,W) | VREA032 | ALT | 70 |
|           |             | 94-96 |  | Unsupported Drive                          | VRES017 | SM  |    |
|           |             | 96-01 |  | Supported Drive                            | VRES014 | SM  |    |
|           | AEE         | 97-98 |  | 4 Lug (Bracket) Fixing, Oblong Plug (D+,W) | VREA032 | ALT | 70 |
|           |             |       |  | Unsupported Drive                          | VRES012 | SM  |    |
|           | AFT         | 95-01 |  | 4 Lug (Bracket) Fixing, Oblong Plug (D+,W) | VREA032 | ALT | 70 |
|           |             |       |  | Unsupported Drive                          | VRES017 | SM  |    |
|           | ALM         | 97-99 |  | 4 Lug (Bracket) Fixing, Oblong Plug (D+,W) | VREA032 | ALT | 70 |
|           |             |       |  | Unsupported Drive                          | VRES012 | SM  |    |
|           | AEH,AKL,APF | 99-01 |  | Supported Drive                            | VRES014 | SM  |    |
|           |             |       | Standard 6 PV, Oval Plug               | VREA039                                    | ALT     | 90  |    |
| 1.8       | ABS,ADZ     | 94-96 |  | Unsupported Drive                          | VRES017 | SM  |    |
|           |             |       |  | Slot Adjuster                              | VREA040 | ALT | 90 |
| 1.9 D     |             | 97-99 | PS                                     | 4 Lug (Bracket) Fixing, Oblong Plug (D+,W) | VREA032 | ALT | 70 |
|           |             | 95-99 |  | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022 | SM  |    |
| 1.9 TD    |             | 94-97 | PS                                     | 4 Lug (Bracket) Fixing, Oblong Plug (D+,W) | VREA032 | ALT | 70 |
|           |             | 95-97 |  | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022 | SM  |    |
| 1.9 TDi   | AFN,AHU     | 97-01 |  | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM  |    |
|           | AGR,ALH,ASV | 99-01 |  | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM  |    |
|           | ATD         | 03-04 |  | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM  |    |
| 2.0 8v    | 2E          | 93-96 |  | Unsupported Drive                          | VRES017 | SM  |    |
|           |             |       |  | Slot Adjuster                              | VREA040 | ALT | 90 |
|           | AGG         | 96-99 |  | Supported Drive                            | VRES014 | SM  |    |
|           |             |       |  | Slot Adjuster                              | VREA040 | ALT | 90 |
| 2.0 16v   | ABF         | 96-99 |  | 4 Lug (Bracket) Fixing, Oblong Plug (D+,W) | VREA032 | ALT | 70 |
|           |             |       |  | Unsupported Drive                          | VRES027 | SM  |    |
|           |             |       |  | Slot Adjuster                              | VREA040 | ALT | 90 |

ALTERNATOR  
/ STARTER

type

amps

## SEAT Continued

## IBIZA

|                 |             |       |  |  |         |     |    |
|-----------------|-------------|-------|--|--|---------|-----|----|
| 1.4             | All Eng's   | 94-99 |  | Unsupported Drive                          | VRES012 | SM  |    |
|                 |             |       |  | 4 Lug (Bracket) Fixing, Oblong Plug (D+,W) | VREA032 | ALT | 70 |
|                 | AKK,ANW,AUD | 99-02 |  | Unsupported Drive                          | VRES012 | SM  |    |
| 1.4 TDi         | AMF         | 03-04 |  | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM  |    |
| 1.6             | ABU         | 93-94 |  | 4 Lug (Bracket) Fixing, Oblong Plug (D+,W) | VREA032 | ALT | 70 |
|                 |             |       |  | Unsupported Drive                          | VRES012 | SM  |    |
|                 | 1F          | 94-99 |  | 4 Lug (Bracket) Fixing, Oblong Plug (D+,W) | VREA032 | ALT | 70 |
|                 |             |       |  | Unsupported Drive                          | VRES017 | SM  |    |
|                 | AEE         | 97-99 |  | 4 Lug (Bracket) Fixing, Oblong Plug (D+,W) | VREA032 | ALT | 70 |
|                 |             |       |  | Unsupported Drive                          | VRES012 | SM  |    |
|                 | AFT         | 96-99 |  | 4 Lug (Bracket) Fixing, Oblong Plug (D+,W) | VREA032 | ALT | 70 |
|                 |             |       |  | Unsupported Drive                          | VRES017 | SM  |    |
| ALM             | 97-02       |       | 4 Lug (Bracket) Fixing, Oblong Plug (D+,W) | VREA032                                    | ALT     | 70  |    |
|                 |             |       | Unsupported Drive                          | VRES012                                    | SM      |     |    |
| AEH,AKL,APF,AUR | 99-02       |       | Supported Drive                            | VRES014                                    | SM      |     |    |
|                 |             |       | Standard 6 PV, Oval Plug                   | VREA039                                    | ALT     | 90  |    |
| 1.8 8v          | ABS,ADZ     | 93-94 |  | Unsupported Drive                          | VRES017 | SM  |    |
|                 |             |       |  | Slot Adjuster                              | VREA040 | ALT | 90 |
| 1.8 16v         | ADL         | 94-96 |  | 4 Lug (Bracket) Fixing                     | VREA032 | ALT | 70 |
|                 |             | 93-96 |  | Unsupported Drive                          | VRES017 | SM  |    |
| 1.8 20v         | BJX,BKV     | 04→   |  | Standard 6 PV, Oval Plug                   | VREA039 | ALT | 90 |
| 1.8 20v Turbo   | AQX,AYP     | 99-02 |  | Supported Drive                            | VRES019 | SM  |    |
|                 |             |       |  | Standard 6 PV, Oval Plug                   | VREA039 | ALT | 90 |
|                 | BBU,BLZ     | 04→   |  | Standard 6 PV, Oval Plug                   | VREA039 | ALT | 90 |
| 1.9 D           |             | 95-99 |  | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022 | SM  |    |
| 1.9 SDi         | AGP,AQM     | 99-01 |  | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022 | SM  |    |
| 1.9 TDi         | 1Z          | 96-96 |  | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM  |    |
|                 | AFN,AHU     | 96-01 |  | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM  |    |
|                 | AGR,ALH,ASV | 99-01 |  | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM  |    |
|                 | ATD         | 03-04 |  | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM  |    |
| 2.0             | 2E          | 93-96 |  | Unsupported Drive                          | VRES017 | SM  |    |
|                 |             |       |  | Slot Adjuster                              | VREA040 | ALT | 90 |
|                 | AGG         | 96-99 |  | Supported Drive                            | VRES014 | SM  |    |
|                 |             |       |  | Slot Adjuster                              | VREA040 | ALT | 90 |
| 2.0 16v         | ABF         | 96-99 |  | 4 Lug (Bracket) Fixing, Oblong Plug (D+,W) | VREA032 | ALT | 70 |
|                 |             |       |  | Unsupported Drive                          | VRES027 | SM  |    |
|                 |             |       |  | Slot Adjuster                              | VREA040 | ALT | 90 |
| 2.0             | AZL,BBX     | 03-04 |  | Standard 6 PV, Oval Plug                   | VREA039 | ALT | 90 |

## LEON

|               |             |       |        |  |                 |         |    |
|---------------|-------------|-------|--------|--|-----------------|---------|----|
| 1.4 16v       | All Eng's   | 00-05 |        | Supported Drive                            | VRES014         | SM      |    |
|               |             |       |        | Standard 6 PV, Oval Plug                   | VREA039         | ALT     | 90 |
| 1.6 16v       | All Eng's   | 00-05 |        | Standard 6 PV, Oval Plug                   | VREA039         | ALT     | 90 |
|               |             |       |        | Supported Drive                            | VRES014         | SM      |    |
| 1.6           | BFQ         | 05→   |        | Standard 6 PV, Oval Plug                   | VREA039         | ALT     | 90 |
|               |             |       |        | Supported Drive                            | VRES014         | SM      |    |
| 1.8 20v 20V   | AGN,APG     | 00-05 |        | Standard 6 PV, Oval Plug                   | VREA039         | ALT     | 90 |
|               |             | 00-05 | Manual | Supported Drive                            | VRES019         | SM      |    |
|               |             | 01-05 | Auto   | Supported Drive                            | VRES014         | SM      |    |
| 1.8 20v Turbo |             | 00-05 |        | Standard 6 PV, Oval Plug                   | VREA039         | ALT     | 90 |
|               |             |       |        | 5spd                                       | Supported Drive | VRES019 | SM |
| 1.9 TDi       | AHF         | 00-02 |        | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009         | SM      |    |
|               | AGR,ALH,ASV | 00-05 | Manual | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009         | SM      |    |
|               |             | 00-05 | Auto   | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022         | SM      |    |

## TOLEDO

|     |           |       |  |                          |                 |         |    |
|-----|-----------|-------|--|--------------------------|-----------------|---------|----|
| 1.6 | 1F,ABN,EZ | 91-93 |  | Unsupported Drive        | VRES017         | SM      |    |
|     |           | 93-99 |  | Unsupported Drive        | VRES017         | SM      |    |
|     |           |       |  | Slot Adjuster            | VREA040         | ALT     | 90 |
|     | AEH,AKL   | 98-00 |  |                          | Supported Drive | VRES014 | SM |
|     |           |       |  | Standard 6 PV, Oval Plug | VREA039         | ALT     | 90 |

ALTERNATOR  
/ STARTERtype  
amps**SEAT Continued****TOLEDO**

|               |                 |       |        |  |         |     |    |
|---------------|-----------------|-------|--------|--|---------|-----|----|
| 1.8 8v        | RP              | 92-93 |        | Unsupported Drive                          | VRES017 | SM  |    |
|               | ABS,ADZ,RP      | 93-96 |        | Unsupported Drive                          | VRES017 | SM  |    |
|               |                 |       |        | Slot Adjuster                              | VREA040 | ALT | 90 |
| 1.8 16v       | KR PL           | 91-95 |        | Unsupported Drive                          | VRES017 | SM  |    |
| 1.8 20v       | AGN,APG         | 99-05 |        | Standard 6 PV, Oval Plug                   | VREA039 | ALT | 90 |
|               |                 |       | Manual | Supported Drive                            | VRES019 | SM  |    |
|               |                 |       | Auto   | Supported Drive                            | VRES014 | SM  |    |
| 1.8 20v Turbo | AUQ             | 03-05 |        | Standard 6 PV, Oval Plug                   | VREA039 | ALT | 90 |
| 1.9 D         |                 | 94-99 |        | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022 | SM  |    |
|               |                 | 93-99 |        | Slot Adjuster                              | VREA040 | ALT | 90 |
| 1.9 TD        |                 | 94-96 |        | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022 | SM  |    |
|               |                 | 93-96 |        | Slot Adjuster                              | VREA040 | ALT | 90 |
| 1.9 TDi       | 1Z              | 95-96 |        | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM  |    |
|               | AFN,AHU         | 96-99 |        | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM  |    |
|               | AGR,AHF,ALH,ASV | 99-04 | Manual | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM  |    |
|               |                 |       | Auto   | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022 | SM  |    |
| 2.0 8v        | 2E              | 91-96 | Manual | Unsupported Drive                          | VRES017 | SM  |    |
|               |                 | 93-96 |        | Slot Adjuster                              | VREA040 | ALT | 90 |
|               | AGG             | 96-98 |        | Unsupported Drive                          | VRES017 | SM  |    |
|               |                 | 96-99 |        | Slot Adjuster                              | VREA040 | ALT | 90 |
|               |                 | 98-99 |        | Supported Drive                            | VRES014 | SM  |    |
| 2.0 16v       | ABF             | 94-99 |        | 4 Lug (Bracket) Fixing                     | VREA032 | ALT | 70 |
|               |                 | 94-99 |        | Unsupported Drive                          | VRES027 | SM  |    |

**SEAT LCV****INCA**

|         |  |       |  |  |         |     |    |
|---------|--|-------|--|--|---------|-----|----|
| 1.4     |  | 98-99 |  | 4 Lug (Bracket) Fixing                 | VREA032 | ALT | 70 |
|         |  |       |  | Unsupported Drive                      | VRES012 | SM  |    |
| 1.9 D   |  | 96-99 |  | 9Tooth, 3 Plain Holes, Supported Drive | VRES022 | SM  |    |
| 1.9 SDi |  | 99→   |  | 9Tooth, 3 Plain Holes, Supported Drive | VRES022 | SM  |    |

**SKODA****FABIA**

|         |     |       |  |  |         |     |    |
|---------|-----|-------|--|--|---------|-----|----|
| 1.4 16v |     | 00-01 |  | 4 Lug (Bracket) Fixing, Oval Plug          | VREA039 | ALT | 90 |
| 1.4 TDi | AMF | 03-05 |  | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM  |    |
| 1.9 TDi | ATD | 00-04 |  | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM  |    |
| 2.0     | AZL | 00-07 |  | Standard 6 PV, Oval Plug                   | VREA039 | ALT | 90 |

**FELICIA**

|     |  |       |    |                        |         |     |    |
|-----|--|-------|----|------------------------|---------|-----|----|
| 1.6 |  | 96-00 | PS | 4 Lug (Bracket) Fixing | VREA032 | ALT | 70 |
|-----|--|-------|----|------------------------|---------|-----|----|

**OCTAVIA**

|                   |          |                 |          |  |                          |         |     |    |
|-------------------|----------|-----------------|----------|--|--------------------------|---------|-----|----|
| 1.4               | AXP      | 00-01           |          | 3 Plain Holes, Supported Drive             | VRES014                  | SM      |     |    |
|                   |          | 00-02           |          | Standard 6 PV, Oval Plug                   | VREA039                  | ALT     | 90  |    |
|                   |          | BCA             | 02-04    |  | Standard 6 PV, Oval Plug | VREA039 | ALT | 90 |
| 1.6               | AEE      | 98-00           |          | Unsupported Drive                          | VRES017                  | SM      |     |    |
|                   |          | 98-02           |          | Supported Drive                            | VRES014                  | SM      |     |    |
|                   |          | 98-04           |          | Standard 6 PV, Oval Plug                   | VREA039                  | ALT     | 90  |    |
|                   |          | AEH,AKL,AVU,BFQ | 98-02    |  | Supported Drive          | VRES014 | SM  |    |
|                   |          |                 | 98-04    |  | Standard 6 PV, Oval Plug | VREA039 | ALT | 90 |
| 1.8 20v           | AGN      | 98-00           |          | Standard 6 PV, Oval Plug                   | VREA039                  | ALT     | 90  |    |
|                   |          |                 | Manual   | Supported Drive                            | VRES019                  | SM      |     |    |
|                   |          |                 | Auto     | Supported Drive                            | VRES014                  | SM      |     |    |
| 1.8 20v Turbo     |          | 00-04           | Inc. 4x4 | Standard 6 PV, Oval Plug                   | VREA039                  | ALT     | 90  |    |
|                   |          |                 | Manual   | Supported Drive                            | VRES019                  | SM      |     |    |
|                   |          |                 | Auto     | Supported Drive                            | VRES014                  | SM      |     |    |
|                   |          | 01-04           |          | Supported Drive                            | VRES019                  | SM      |     |    |
| 1.8 20v Turbo VRS |          | 01-04           |          | Standard 6 PV, Oval Plug                   | VREA039                  | ALT     | 90  |    |
|                   |          |                 |          | Supported Drive                            | VRES019                  | SM      |     |    |
| 1.9 SDi           | AGP      | 99-00           |          | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022                  | SM      |     |    |
|                   | AQM      | 00-01           |          | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022                  | SM      |     |    |
| 1.9 TD            |          | 98-00           |          | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009                  | SM      |     |    |
| 1.9 TDi           | ALL Engs | 00-04           | Manual   | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009                  | SM      |     |    |
|                   |          | 00-01           | Auto     | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022                  | SM      |     |    |



ALTERNATOR  
/ STARTER type amps

**SKODA Continued**

**OCTAVIA**

|     |  |       |        |                          |         |     |    |
|-----|--|-------|--------|--------------------------|---------|-----|----|
| 2.0 |  | 00-04 |        | Standard 6 PV, Oval Plug | VREA039 | ALT | 90 |
|     |  |       | Manual | Supported Drive          | VRES019 | SM  |    |
|     |  |       | Auto   | Supported Drive          | VRES014 | SM  |    |

**SUZUKI**

**GRAND VITARA**

|        |  |     |  |                                    |         |     |     |
|--------|--|-----|--|------------------------------------|---------|-----|-----|
| 2.0 TD |  | 01→ |  | Free Wheeling Pulley 6 PV, D+ Stud | VREA023 | ALT | 150 |
|--------|--|-----|--|------------------------------------|---------|-----|-----|

**TOYOTA**

**AVENSIS**

|     |  |     |        |                 |         |    |  |
|-----|--|-----|--------|-----------------|---------|----|--|
| 1.8 |  | 03→ | Manual | Nippon Denso OE | VRES030 | SM |  |
|-----|--|-----|--------|-----------------|---------|----|--|

**COROLLA**

|           |        |     |  |                 |         |    |  |
|-----------|--------|-----|--|-----------------|---------|----|--|
| 1.8 (ZZE) | 1ZZ-FE | 01→ |  | Nippon Denso OE | VRES030 | SM |  |
|-----------|--------|-----|--|-----------------|---------|----|--|

**COROLLA VERSO**

|           |        |     |  |                 |         |    |  |
|-----------|--------|-----|--|-----------------|---------|----|--|
| 1.8 (E12) | 1ZZ-FE | 01→ |  | Nippon Denso OE | VRES030 | SM |  |
|-----------|--------|-----|--|-----------------|---------|----|--|

**MR2**

|     |  |     |  |                 |         |    |  |
|-----|--|-----|--|-----------------|---------|----|--|
| 1.8 |  | 00→ |  | Nippon Denso OE | VRES030 | SM |  |
|-----|--|-----|--|-----------------|---------|----|--|

**VAUXHALL**

**AGILA**

|                  |        |       |  |  |         |    |  |
|------------------|--------|-------|--|--|---------|----|--|
| 1.0 12v Twinport | Z10XEP | 03→   |  |  | VRES002 | SM |  |
| 1.2 16v 16V      | Z12 XE | 00-04 |  |  | VRES002 | SM |  |
| 1.2 16v Twinport | Z12 XE | 00-04 |  |  | VRES002 | SM |  |

**ASTRA III**

|         |           |       |            |   |         |     |     |
|---------|-----------|-------|------------|---|---------|-----|-----|
| 1.4     | C14NV,NZ  | 91-98 |            | Gear Reduction Type                         | VRES002 | SM  |     |
|         |           | 93-98 | PS         | 6 PV, Internal Fan                          | VREA002 | ALT | 70  |
|         | C14SE     | 91-98 |            | Gear Reduction Type                         | VRES002 | SM  |     |
|         |           | 95-98 | PS         | 6 PV, Internal Fan                          | VREA002 | ALT | 70  |
| 1.4 16v |           | 96-98 |            | 6 PV, Internal Fan                          | VREA002 | ALT | 70  |
|         |           |       |            | Gear Reduction Type                         | VRES002 | SM  |     |
| 1.6     | C16NZ     | 91-98 |            | Gear Reduction Type                         | VRES002 | SM  |     |
|         |           | 95-98 | PS         | 6 PV, Internal Fan                          | VREA002 | ALT | 70  |
|         | C16SE     | 91-98 |            | Gear Reduction Type                         | VRES002 | SM  |     |
|         |           | 95-98 | PS         | 6 PV, Internal Fan                          | VREA002 | ALT | 70  |
| 1.6 16v |           | 95-98 |            | 6 PV, Internal Fan                          | VREA002 | ALT | 70  |
|         |           | 96-98 |            | Gear Reduction Type                         | VRES002 | SM  |     |
| 1.7 TD  | Isuzu Eng | 92-96 |            | Vacuum Pump Drive, 8 Spline, Round Plug (4) | VREA019 | ALT | 70  |
|         |           | 96-98 | Not AirCon | Vacuum Pump Drive, 6 Spline, Oval Plug      | VREA003 | ALT | 70  |
| 1.8 16v |           | 93-98 |            | 6 PV, Internal Fan                          | VREA002 | ALT | 70  |
|         |           |       |            | 6 PV, Internal Fan                          | VREA009 | ALT | 100 |
| 2.0     |           | 91-93 | PS         | 6 PV, Internal Fan                          | VREA002 | ALT | 70  |
| 2.0 16v |           | 93-98 |            | 6 PV, Internal Fan                          | VREA002 | ALT | 70  |
|         |           | 94-98 |            | 6 PV, Internal Fan                          | VREA009 | ALT | 100 |

**ASTRA G**

|                  |             |        |        |   |         |         |     |
|------------------|-------------|--------|--------|---|---------|---------|-----|
| 1.4 16v          | X14XE       | 98-00  |        | 5 PV  | VREA033 | ALT     | 70  |
|                  |             | 00-04  |        |   | VRES002 | SM      |     |
| 1.6              | Z14XE       | 00-04  |        | 5 PV  | VREA033 | ALT     | 70  |
|                  |             | 98-04  |        | 5 PV  | VREA033 | ALT     | 70  |
|                  | C16SEL      |        |        |   | VRES002 | SM      |     |
|                  |             | X16SZR | 98-00  |   | 5 PV    | VREA033 | ALT |
|                  | Z16SE       | 00-04  |        | 5 PV  | VREA033 | ALT     | 70  |
|                  |             |        |        |   | VRES002 | SM      |     |
| 1.6 16v          | X16XEL      | 98-00  |        | 5 PV  | VREA033 | ALT     | 70  |
|                  |             |        |        |   | VRES002 | SM      |     |
|                  | Z16XE       | 00-04  |        | 5 PV  | VREA033 | ALT     | 70  |
|                  |             |        |        |   | VRES002 | SM      |     |
| 1.6 16v Dualfuel | Z16YNG      | 02-05  |        | 5 PV  | VREA033 | ALT     | 70  |
|                  |             |        |        |   | VRES002 | SM      |     |
| 1.7 DTi 16v      | Y17DT Isuzu | 00-05  |        | Oval Plug (L W), Vacuum Pump Drive                | VREA017 | ALT     | 70  |
|                  |             |        |        | Standard 6 PV, Oval Plug (L W), Vacuum Pump Drive | VREA001 | ALT     | 100 |
| 1.7 CDTi 16v     | Z17DTL      | 03-05  | AirCon | Standard 6 PV, Oval Plug (L W), Vacuum Pump Drive | VREA001 | ALT     | 100 |



ALTERNATOR / STARTER type amps

**VAUXHALL Continued**

**ASTRA G**

|                  |            |       |  |                               |         |     |    |
|------------------|------------|-------|--|-------------------------------|---------|-----|----|
| 1.8 16v          | X18XE1     | 98-00 |  | 5 PV                          | VREA033 | ALT | 70 |
|                  | Z18XE      | 00-04 |  | 5 PV                          | VREA033 | ALT | 70 |
| 1.8 16v Dualfuel | Z18XE      | 02-05 |  | 5 PV                          | VREA033 | ALT | 70 |
|                  |            |       |  |                               | VRES002 | SM  |    |
| 2.0 16v          | X20XE      | 98-01 |  | 5 PV                          | VREA033 | ALT | 70 |
| 2.0 Di           | X20DTL     | 98-00 |  | 1 Plain Hole, 1 Threaded Hole | VRES020 | SM  |    |
| 2.0 DTi          | X20DTH     | 98-00 |  | 1 Plain Hole, 1 Threaded Hole | VRES020 | SM  |    |
|                  | Y20DTH,DTL | 00-05 |  | 1 Plain Hole, 1 Threaded Hole | VRES020 | SM  |    |

**ASTRA H**

|         |        |     |  |  |         |    |  |
|---------|--------|-----|--|--|---------|----|--|
| 1.4 16v | Z14XEL | 04→ |  |  | VRES002 | SM |  |
|         | Z14XEP | 04→ |  |  | VRES002 | SM |  |

**CALIBRA**

|               |              |       |  |                    |         |     |     |
|---------------|--------------|-------|--|--------------------|---------|-----|-----|
| 2.0           | SOHC         | 93-97 |  | 6 PV, Internal Fan | VREA002 | ALT | 70  |
| 2.0 Turbo     |              | 93-97 |  | 6 PV, Internal Fan | VREA002 | ALT | 70  |
| 2.0 16v       | C20XE, X20XE | 93-97 |  | 6 PV, Internal Fan | VREA002 | ALT | 70  |
|               |              |       |  | 6 PV, Internal Fan | VREA009 | ALT | 100 |
| 2.0 16v Turbo |              | 92-96 |  | 6 PV, Internal Fan | VREA009 | ALT | 100 |

**CAVALIER III**

|         |           |       |    |   |         |     |     |
|---------|-----------|-------|----|---|---------|-----|-----|
| 1.4     |           | 89-96 |    | Gear Reduction Type                         | VRES002 | SM  |     |
| 1.6     |           | 89-96 |    | Gear Reduction Type                         | VRES002 | SM  |     |
|         |           | 93-96 | PS | 6 PV, Internal Fan                          | VREA002 | ALT | 70  |
| 1.7 TD  | Isuzu Eng | 92-96 |    | Vacuum Pump Drive, 8 Spline, Round Plug (4) | VREA019 | ALT | 70  |
| 1.8     |           | 93-96 |    | 6 PV, Internal Fan                          | VREA002 | ALT | 70  |
|         |           |       |    | 6 PV, Internal Fan                          | VREA009 | ALT | 100 |
| 2.0     |           | 93-96 |    | 6 PV, Internal Fan                          | VREA002 | ALT | 70  |
|         |           |       |    | 6 PV, Internal Fan                          | VREA009 | ALT | 100 |
| 2.0 16v |           | 93-96 |    | 6 PV, Internal Fan                          | VREA009 | ALT | 100 |

**CORSA B**

|         |       |       |                     |   |         |     |    |
|---------|-------|-------|---------------------|---|---------|-----|----|
| 1.2     |       | 93-97 |                     | Gear Reduction Type                         | VRES002 | SM  |    |
|         |       | 95-97 | PS                  | 6 PV, Internal Fan                          | VREA002 | ALT | 70 |
|         | X12SZ | 93-94 |                     | Gear Reduction Type                         | VRES002 | SM  |    |
| 1.4     |       | 93-00 |                     | Gear Reduction Type                         | VRES002 | SM  |    |
|         |       | 94-00 | PS                  | 6 PV, Internal Fan                          | VREA002 | ALT | 70 |
| 1.4 16v |       | 94-00 |                     | Gear Reduction Type                         | VRES002 | SM  |    |
|         |       |       | 6 PV, Internal Fan  | VREA002                                     | ALT     | 70  |    |
| 1.5 TD  |       | 93-96 |                     | Vacuum Pump Drive, 8 Spline, Round Plug (4) | VREA019 | ALT | 70 |
|         |       | 96-00 | Not AirCon          | Vacuum Pump Drive, 6 Spline, Oval Plug      | VREA003 | ALT | 70 |
| 1.6 16v |       | 93-97 |                     | 6 PV, Internal Fan                          | VREA002 | ALT | 70 |
|         |       |       | Gear Reduction Type | VRES002                                     | SM      |     |    |
| 1.7 D   |       | 96-00 | Not AirCon          | Vacuum Pump Drive, 6 Spline, Oval Plug      | VREA003 | ALT | 70 |

**CORSA C**

|                  |        |       |  |   |         |         |     |
|------------------|--------|-------|--|---|---------|---------|-----|
| 1.0 12v Twinport | Z10XEP | 03-05 |  |   | VRES002 | SM      |     |
| 1.2 16v          | Z12XE  | 00-04 |  |   | VRES002 | SM      |     |
| 1.2 16v Twinport | Z12XEP | 04-05 |  |   | VRES002 | SM      |     |
| 1.4 16v          | Z14XE  | 00-03 |  | 5 PV  | VREA033 | ALT     | 70  |
| 1.4 16v Twinport | Z14XEP | 03-05 |  |   | VRES002 | SM      |     |
| 1.7 Di 16v       | Y17DTL | 00-03 |  | Oval Plug (L W), Vacuum Pump Drive                | VREA017 | ALT     | 70  |
|                  |        |       |  | Standard 6 PV, Oval Plug (L W), Vacuum Pump Drive | VREA001 | ALT     | 100 |
| 1.7 DTi 16v      | Y17DT  | 00-03 |  | Standard 6 PV, Oval Plug (L W), Vacuum Pump Drive | VREA017 | ALT     | 70  |
| 1.7 DTi          |        | 00-03 |  | Standard 6 PV, Oval Plug (L W), Vacuum Pump Drive | VREA001 | ALT     | 100 |
| 1.7 CDTi 16v     | Z17DTH | 03-05 |  | Standard 6 PV, Oval Plug (L W), Vacuum Pump Drive | VREA001 | ALT     | 100 |
| 1.8 SRi 16v      | Z18XE  | 00-05 |  | 5 PV  | VREA033 | ALT     | 70  |
|                  |        |       |  |   |         | VRES002 | SM  |

**CORSA D**

|              |        |     |  |   |         |     |     |
|--------------|--------|-----|--|---|---------|-----|-----|
| 1.2 12v      | Z12XEP | 06→ |  | Valeo OE  | VRES002 | SM  |     |
| 1.4 16v      | Z14XEP | 06→ |  | Valeo OE  | VRES002 | SM  |     |
| 1.7 CDTi 16v |        | 06→ |  | Standard 6 PV, Oval Plug (L W), Vacuum Pump Drive | VREA017 | ALT | 70  |
|              |        |     |  | Standard 6 PV, Oval Plug (L W), Vacuum Pump Drive | VREA001 | ALT | 100 |



ALTERNATOR  
/ STARTER type amps

**VAUXHALL Continued**

| FRONTERA         |           |       |            |   |         |     |     |  |
|------------------|-----------|-------|------------|---|---------|-----|-----|--|
| 2.0              | X20XE     | 95-99 |            | 6 PV, Internal Fan                                | VREA009 | ALT | 100 |  |
| 2.2              | X22XE     | 95-99 |            | 6 PV, Internal Fan                                | VREA009 | ALT | 100 |  |
| 2.2 DTi          | X22DTH    | 98-05 |            | 1 Plain Hole, 1 Threaded Hole                     | VRES020 | SM  |     |  |
| 2.8 TD           |           | 95-96 |            | Vacuum Pump Drive                                 | VREA041 | ALT | 80  |  |
| MERIVA           |           |       |            |   |         |     |     |  |
| 1.4 16v Twinport | Z14XEP    | 04→   |            |   | VRES002 | SM  |     |  |
| 1.6              | Z16SE     | 03-05 |            | 5 PV  | VREA033 | ALT | 70  |  |
|                  |           |       |            |   | VRES002 | SM  |     |  |
| 1.6 16v          | Z16XE     | 03-06 |            | 5 PV  | VREA033 | ALT | 70  |  |
|                  |           |       |            |   | VRES002 | SM  |     |  |
| 1.7 DTi 16V      | Y17DT     | 03-05 |            | Oval Plug (L W), Vacuum Pump Drive                | VREA017 | ALT | 70  |  |
|                  |           |       | AirCon     | Oval Plug (L W), Vacuum Pump Drive                | VREA001 | ALT | 100 |  |
| 1.7 CDTi 16v     | Z17DTH    | 03-05 |            | Standard 6 PV, Oval Plug (L W), Vacuum Pump Drive | VREA017 | ALT | 70  |  |
|                  |           |       | AirCon     | Standard 6 PV, Oval Plug (L W), Vacuum Pump Drive | VREA001 | ALT | 100 |  |
| 1.8 16v          | Z18XE     | 03→   |            | 5 PV  | VREA033 | ALT | 70  |  |
|                  |           |       |            |   | VRES002 | SM  |     |  |
| MONTEREY         |           |       |            |   |         |     |     |  |
| 3.1 TD           |           | 94-98 |            | Vacuum Pump Drive                                 | VREA041 | ALT | 80  |  |
| NOVA             |           |       |            |   |         |     |     |  |
| 1.2              |           | 90-94 |            | Gear Reduction Type                               | VRES002 | SM  |     |  |
| 1.6              |           | 88-93 |            | Gear Reduction Type                               | VRES002 | SM  |     |  |
| OMEGA B          |           |       |            |   |         |     |     |  |
| 2.0 8v,16v       |           | 94-01 |            | 6 PV, Internal Fan                                | VREA002 | ALT | 70  |  |
|                  |           |       |            | 6 PV, Internal Fan                                | VREA009 | ALT | 100 |  |
| 2.0 DTi          | X20DTH    | 98-99 |            | 1 Plain Hole, 1 Threaded Hole                     | VRES020 | SM  |     |  |
|                  |           | 00-03 |            | 1 Plain Hole, 1 Threaded Hole                     | VRES020 | SM  |     |  |
| 2.2              | Y22XE     | 99-04 |            | 6 PV, Internal Fan                                | VREA002 | ALT | 70  |  |
|                  |           |       |            | 6 PV, Internal Fan                                | VREA009 | ALT | 100 |  |
| SIGNUM           |           |       |            |   |         |     |     |  |
| 1.8 16v          | Z18XE     | 04-05 |            |   | VRES002 | SM  |     |  |
| 2.0 DTi          | Y20DTH    | 03-05 |            | 1 Plain Hole, 1 Threaded Hole                     | VRES020 | SM  |     |  |
| 2.2 DTi          | Y22DTR    | 03-05 |            | 1 Plain Hole, 1 Threaded Hole                     | VRES020 | SM  |     |  |
| SINTRA           |           |       |            |   |         |     |     |  |
| 2.2 DTi          | X22DTH    | 99-99 |            | 1 Plain Hole, 1 Threaded Hole                     | VRES020 | SM  |     |  |
| TIGRA            |           |       |            |   |         |     |     |  |
| 1.4 16v          |           | 94-01 |            | 6 PV, Internal Fan                                | VREA002 | ALT | 70  |  |
|                  |           |       |            | Gear Reduction Type                               | VRES002 | SM  |     |  |
|                  |           |       |            | 6 PV, Internal Fan                                | VREA009 | ALT | 100 |  |
| 1.6 16v          | Z14XEP    | 04→   |            |   | VRES002 | SM  |     |  |
|                  |           |       |            | 6 PV, Internal Fan                                | VREA002 | ALT | 70  |  |
|                  |           |       |            | Gear Reduction Type                               | VRES002 | SM  |     |  |
|                  |           |       |            | 6 PV, Internal Fan                                | VREA009 | ALT | 100 |  |
| VECTRA B         |           |       |            |   |         |     |     |  |
| 1.6 8v           | 16LZ2     | 95-00 |            | 6 PV, Internal Fan                                | VREA002 | ALT | 70  |  |
|                  |           |       |            | 6 PV, Internal Fan                                | VREA009 | ALT | 100 |  |
|                  | X16SZR    | 95-00 |            | 6 PV, Internal Fan                                | VREA002 | ALT | 70  |  |
|                  |           |       |            | 6 PV, Internal Fan                                | VREA009 | ALT | 100 |  |
| 1.6 16v          | X16XEL    | 95-00 |            | Gear Reduction Type                               | VRES002 | SM  |     |  |
|                  |           |       |            | 6 PV, Internal Fan                                | VREA002 | ALT | 70  |  |
|                  |           |       |            | Gear Reduction Type                               | VRES002 | SM  |     |  |
|                  | Z16XE     | 00-02 |            | 6 PV, Internal Fan                                | VREA009 | ALT | 100 |  |
|                  |           |       |            | 6 PV, Internal Fan                                | VREA002 | ALT | 70  |  |
|                  |           |       |            | Gear Reduction Type                               | VRES002 | SM  |     |  |
| 1.7 TD           | Isuzu Eng | 95-96 | Not AirCon | Vacuum Pump Drive, 6 Spline, Oval Plug            | VREA003 | ALT | 70  |  |
| 1.8 16v          | X18XE     | 95-99 |            | 6 PV, Internal Fan                                | VREA002 | ALT | 70  |  |
|                  |           |       |            | 6 PV, Internal Fan                                | VREA009 | ALT | 100 |  |
|                  | X18XE1    | 98-99 |            | 6 PV, Internal Fan                                | VREA002 | ALT | 70  |  |
|                  |           |       |            | 6 PV, Internal Fan                                | VREA009 | ALT | 100 |  |



ALTERNATOR / STARTER type amps

**VAUXHALL Continued**

**VECTRA B**

|         |            |       |  |                               |         |     |     |
|---------|------------|-------|--|-------------------------------|---------|-----|-----|
| 1.8 16v | Z18XE      | 00-01 |  | 6 PV, Internal Fan            | VREA002 | ALT | 70  |
|         |            |       |  | 6 PV, Internal Fan            | VREA009 | ALT | 100 |
| 2.0 16v | X20XEV     | 95-00 |  | 6 PV, Internal Fan            | VREA002 | ALT | 70  |
|         |            |       |  | 6 PV, Internal Fan            | VREA009 | ALT | 100 |
| 2.0 DTi | X20DTL,DTH | 96-00 |  | 1 Plain Hole, 1 Threaded Hole | VRES020 | SM  |     |
|         | Y20DTH     | 00-01 |  | 1 Plain Hole, 1 Threaded Hole | VRES020 | SM  |     |
| 2.2 DTi | Y22DTR     | 00-02 |  | 1 Plain Hole, 1 Threaded Hole | VRES020 | SM  |     |

**VECTRA C**

|                  |        |       |  |                               |         |    |  |
|------------------|--------|-------|--|-------------------------------|---------|----|--|
| 1.8 16v          | Z18XE  | 01→   |  | Gear Reduction Type           | VRES002 | SM |  |
| 1.8 16v Dualfuel | Z18XE  | 01→   |  | Gear Reduction Type           | VRES002 | SM |  |
| 1.8 16v          | Z18XEL | 01→   |  | Gear Reduction Type           | VRES002 | SM |  |
| 2.0 DTi          | Y20DTH | 02-07 |  | 1 Plain Hole, 1 Threaded Hole | VRES020 | SM |  |
| 2.0 DTi          | Y22DTR | 02-06 |  | 1 Plain Hole, 1 Threaded Hole | VRES020 | SM |  |

**ZAFIRA A**

|                  |        |       |  |                               |         |     |    |
|------------------|--------|-------|--|-------------------------------|---------|-----|----|
| 1.6 16v          | X16XEL | 99-00 |  | 5 PV                          | VREA033 | ALT | 70 |
|                  |        |       |  |                               | VRES002 | SM  |    |
|                  | Z16XE  | 99-05 |  | 5 PV                          | VREA033 | ALT | 70 |
|                  |        |       |  |                               | VRES002 | SM  |    |
|                  | Z16YNG | 01-05 |  |                               | VRES002 | SM  |    |
| 1.6 16v Dualfuel | Z16XE  | 99-05 |  | 5 PV                          | VREA033 | ALT | 70 |
|                  |        |       |  |                               | VRES002 | SM  |    |
| 1.8 16v          | X18XE1 | 99-00 |  | 5 PV                          | VREA033 | ALT | 70 |
|                  | X18XE  | 00-05 |  | 5 PV                          | VREA033 | ALT | 70 |
| 1.8 16v Dualfuel | X18XE  | 00-05 |  | 5 PV                          | VREA033 | ALT | 70 |
| 2.0 Di           | X20DTL | 99-00 |  | 1 Plain Hole, 1 Threaded Hole | VRES020 | SM  |    |
|                  | Y20DTH | 99-05 |  | 1 Plain Hole, 1 Threaded Hole | VRES020 | SM  |    |

**ZAFIRA B**

|         |        |       |  |          |         |    |  |
|---------|--------|-------|--|----------|---------|----|--|
| 1.6 16v | Z16XEP | 05-07 |  | Valeo OE | VRES002 | SM |  |
|         | Z16XE1 | 06→   |  | Valeo OE | VRES002 | SM |  |
| 1.8 16v | Z18XEP | 05→   |  | Valeo OE | VRES002 | SM |  |

**VAUXHALL/BEDFORD LCV**

**ASTRA VAN**

|        |           |       |            |  |         |     |    |
|--------|-----------|-------|------------|--|---------|-----|----|
| 1.4 i  |           | 91-94 |            | Gear Reduction Type                    | VRES002 | SM  |    |
| 1.6    |           | 91-94 |            | Gear Reduction Type                    | VRES002 | SM  |    |
| 1.6 i  |           | 91-94 |            | Gear Reduction Type                    | VRES002 | SM  |    |
|        | C16SE     | 95-98 | PS         | 6 PV, Internal Fan                     | VREA002 | ALT | 70 |
|        |           |       |            | Gear Reduction Type                    | VRES002 | SM  |    |
| 1.7 TD | Isuzu Eng | 96-98 | Not AirCon | Vacuum Pump Drive, 6 Spline, Oval Plug | VREA003 | ALT | 70 |

**ASTRA G VAN**

|              |             |       |        |                                    |         |     |     |
|--------------|-------------|-------|--------|------------------------------------|---------|-----|-----|
| 1.6 16v      |             | 98-00 |        | 5 PV                               | VREA033 | ALT | 70  |
|              |             | 98-   |        |                                    | VRES002 | SM  |     |
|              |             | 00-05 |        | 5 PV                               | VREA033 | ALT | 70  |
| 1.7 DTi 16v  | Y17DT Isuzu | 00-05 |        | Oval Plug (L W), Vacuum Pump Drive | VREA017 | ALT | 70  |
|              |             |       |        | Oval Plug (L W), Vacuum Pump Drive | VREA001 | ALT | 100 |
| 1.7 CDTi 16v | Z17DTL      | 03-05 | AirCon | Oval Plug (L W), Vacuum Pump Drive | VREA001 | ALT | 100 |
| 2.0 Di       | X20DTL      | 98-00 |        | 1 Plain Hole, 1 Threaded Hole      | VRES020 | SM  |     |
| 2.0 DTi      | Y20DTH, DTL | 00-05 |        | 1 Plain Hole, 1 Threaded Hole      | VRES020 | SM  |     |

**ASTRAMAX**

|     |  |       |  |                     |         |    |  |
|-----|--|-------|--|---------------------|---------|----|--|
| 1.4 |  | 91-94 |  | Gear Reduction Type | VRES002 | SM |  |
|-----|--|-------|--|---------------------|---------|----|--|

**BRAVA PICKUP**

|        |  |       |  |                   |         |     |    |
|--------|--|-------|--|-------------------|---------|-----|----|
| 2.5 Di |  | 91-97 |  | Vacuum Pump Drive | VREA041 | ALT | 80 |
|--------|--|-------|--|-------------------|---------|-----|----|

**CORSA/COMBO**

|       |  |       |            |   |         |     |    |
|-------|--|-------|------------|---|---------|-----|----|
| 1.4   |  | 93-01 |            | Gear Reduction Type                         | VRES002 | SM  |    |
|       |  | 94-01 | PS         | 6 PV, Internal Fan                          | VREA002 | ALT | 70 |
| 1.7 D |  | 93-96 |            | Vacuum Pump Drive, 8 Spline, Round Plug (4) | VREA019 | ALT | 70 |
|       |  | 96-01 | Not AirCon | Vacuum Pump Drive, 6 Spline, Oval Plug      | VREA003 | ALT | 70 |

**CORSA/COMBO II**

|                  |        |       |  |      |         |     |    |
|------------------|--------|-------|--|------|---------|-----|----|
| 1.4 16v Twinport | Z14XEP | 04→   |  |      | VRES002 | SM  |    |
| 1.6 16v          | Z16SE  | 01-04 |  | 5 PV | VREA033 | ALT | 70 |
|                  |        |       |  |      | VRES002 | SM  |    |



ALTERNATOR / STARTER type amps

**VAUXHALL/BEDFORD LCV Continued**

**CORSA/COMBO II**

|              |        |       |  |   |         |     |     |
|--------------|--------|-------|--|---|---------|-----|-----|
| 1.7 Di 16v   | Y17DTL | 01-04 |  | Oval Plug (L W), Vacuum Pump Drive                | VREA017 | ALT | 70  |
|              |        |       |  | Oval Plug (L W), Vacuum Pump Drive                | VREA001 | ALT | 100 |
| 1.7 DTi 16v  | Y17DT  | 01-04 |  | Oval Plug (L W), Vacuum Pump Drive                | VREA017 | ALT | 70  |
|              |        |       |  | Oval Plug (L W), Vacuum Pump Drive                | VREA001 | ALT | 100 |
| 1.7 CDTi 16v | Z17DTH | 04→   |  | Standard 6 PV, Oval Plug (L W), Vacuum Pump Drive | VREA001 | ALT | 100 |

**MOVANO**

|             |  |       |        |                           |         |     |     |
|-------------|--|-------|--------|---------------------------|---------|-----|-----|
| 1.9 DTi     |  | 03→   | AirCon | Free Wheeling Pulley 6 PV | VREA026 | ALT | 125 |
| 2.2 DTi     |  | 01-05 |        | Free Wheeling Pulley 6 PV | VREA026 | ALT | 125 |
| 2.5 D,TD    |  | 98-01 |        | Located With Dowel, Refit | VRES031 | SM  |     |
| 2.5 DTi     |  | 01→   |        | Free Wheeling Pulley 6 PV | VREA026 | ALT | 125 |
| 2.8 TDi,DTi |  | 98-02 |        | Located With Dowel, Refit | VRES031 | SM  |     |

**VIVARO**

|         |        |     |        |                           |         |     |     |
|---------|--------|-----|--------|---------------------------|---------|-----|-----|
| 1.9 Di  | F9Q762 | 01→ | AirCon | Free Wheeling Pulley 6 PV | VREA026 | ALT | 125 |
| 1.9 DTi | F9Q760 | 01→ | AirCon | Free Wheeling Pulley 6 PV | VREA026 | ALT | 125 |
| 2.0 16v | F4R720 | 01→ | AirCon | Free Wheeling Pulley 6 PV | VREA026 | ALT | 125 |
| 2.5 DTi | G9U730 | 01→ |        | Free Wheeling Pulley 6 PV | VREA026 | ALT | 125 |

**VOLKSWAGEN**

**BEETLE**

|           |           |       |                          |  |                 |         |    |
|-----------|-----------|-------|--------------------------|--|-----------------|---------|----|
| 1.6       | AWH       | 99-00 |                          | Supported Drive                            | VRES014         | SM      |    |
|           |           |       |                          | Standard 6 PV, Oval Plug                   | VREA039         | ALT     | 90 |
|           | AYD       | 00-05 | Manual                   | Supported Drive                            | VRES019         | SM      |    |
|           |           |       | Auto                     | Supported Drive                            | VRES014         | SM      |    |
|           | 00-05     |       | Standard 6 PV, Oval Plug | VREA039                                    | ALT             | 90      |    |
|           |           | BFS   | 02→                      | Manual                                     | Supported Drive | VRES019 | SM |
|           | Auto      |       |                          | Supported Drive                            | VRES014         | SM      |    |
|           |           |       |                          | Standard 6 PV, Oval Plug                   | VREA039         | ALT     | 90 |
| 1.8 Turbo | AWU,AWV   | 01→   | Manual                   | By OE No                                   | VRES019         | SM      |    |
|           |           |       | Auto                     | Supported Drive                            | VRES014         | SM      |    |
|           |           |       |                          | Standard 6 PV, Oval Plug                   | VREA039         | ALT     | 90 |
| 1.9 TDi   | ALH,ATD   | 03-05 |                          | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009         | SM      |    |
|           | BEW,BSW   | 03→   |                          | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009         | SM      |    |
| 2.0       | All Eng's | 00→   | Manual                   | Supported Drive                            | VRES019         | SM      |    |
|           |           |       |                          | Standard 6 PV, Oval Plug                   | VREA039         | ALT     | 90 |

**BORA**

|           |           |       |           |  |         |     |    |
|-----------|-----------|-------|-----------|--|---------|-----|----|
| 1.6 8v    | All Eng's | 99-06 |           | Supported Drive                            | VRES014 | SM  |    |
|           |           |       |           | Standard 6 PV, Oval Plug                   | VREA039 | ALT | 90 |
| 1.8 Turbo | All Eng's | 01-06 | 5spd      | Supported Drive                            | VRES019 | SM  |    |
|           |           |       |           | Standard 6 PV, Oval Plug                   | VREA039 | ALT | 90 |
| 1.9 TDi   | All Eng's | 99-06 | 5spd      | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM  |    |
|           |           |       | 4spd Auto | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022 | SM  |    |
| 2.0 8v    | All Eng's | 99-06 | Manual    | Supported Drive                            | VRES019 | SM  |    |
|           |           |       | Auto      | Supported Drive                            | VRES014 | SM  |    |
|           |           |       |           | Standard 6 PV, Oval Plug                   | VREA039 | ALT | 90 |
| 2.3 V5    | AGZ AQN   | 99-01 | Auto      | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022 | SM  |    |

**CORRADO**

|           |    |       |        |                   |         |     |    |
|-----------|----|-------|--------|-------------------|---------|-----|----|
| 1.8 i 16v | KR | 88-92 |        | Unsupported Drive | VRES027 | SM  |    |
| 1.8 G60   | PG | 91-92 |        | Unsupported Drive | VRES027 | SM  |    |
| 2.0       |    | 92-95 | Manual | Unsupported Drive | VRES027 | SM  |    |
|           |    |       |        | Slot Adjuster     | VREA040 | ALT | 90 |

**GOLF III**

|     |     |       |        |  |         |     |    |
|-----|-----|-------|--------|--|---------|-----|----|
| 1.4 | ADB | 91-97 |        | Unsupported Drive                                  | VRES012 | SM  |    |
|     |     |       | Not PS | Slot Adjuster                                      | VREA040 | ALT | 90 |
|     |     |       | PS     | 4 Lug (Bracket) Fixing                             | VREA032 | ALT | 70 |
|     | AEX | 95-96 |        | 2/3 Plain Holes, Unsupported Drive                 | VRES017 | SM  |    |
|     |     |       |        | Supported Drive                                    | VRES014 | SM  |    |
|     |     |       | Not PS | Slot Adjuster                                      | VREA040 | ALT | 90 |
|     |     | 95-97 | PS     | 4 Lug (Bracket) Fixing                             | VREA032 | ALT | 70 |
| 1.6 | ABU | 92-94 | Manual | 2 Plain Holes, 2 Threaded Holes, Unsupported Drive | VRES012 | SM  |    |
|     |     |       | Not PS | Slot Adjuster                                      | VREA040 | ALT | 90 |
|     |     |       | PS     | 4 Lug (Bracket) Fixing                             | VREA032 | ALT | 70 |

ALTERNATOR  
/ STARTERtype  
amps**VOLKSWAGEN Continued****GOLF III**

|             |                 |       |        |  |         |     |    |
|-------------|-----------------|-------|--------|--|---------|-----|----|
| 1.6         | All Other Eng's | 94-97 | Manual | 2/3 Plain Holes, Unsupported Drive         | VRES017 | SM  |    |
|             |                 |       | Not PS | Slot Adjuster                              | VREA040 | ALT | 90 |
|             |                 |       | PS     | 4 Lug (Bracket) Fixing                     | VREA032 | ALT | 70 |
| 1.8         | All Eng's       | 92-97 |        | Unsupported Drive                          | VRES017 | SM  |    |
|             |                 |       | Not PS | Slot Adjuster                              | VREA040 | ALT | 90 |
|             |                 |       | PS     | 4 Lug (Bracket) Fixing                     | VREA032 | ALT | 70 |
| 1.9 D,TD    |                 | 94-98 |        | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022 | SM  |    |
|             |                 | 92-97 | Not PS | Slot Adjuster                              | VREA040 | ALT | 90 |
|             |                 |       | PS     | 4 Lug (Bracket) Fixing                     | VREA032 | ALT | 70 |
| 1.9 TDi     |                 | 95-97 |        | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM  |    |
|             |                 | 93-97 | Not PS | Slot Adjuster                              | VREA040 | ALT | 90 |
|             |                 |       | PS     | 4 Lug (Bracket) Fixing                     | VREA032 | ALT | 70 |
| 2.0 8v      |                 | 93-97 | Manual | Unsupported Drive                          | VRES017 | SM  |    |
|             |                 |       | Auto   | Supported Drive                            | VRES014 | SM  |    |
|             |                 |       | Not PS | Slot Adjuster                              | VREA040 | ALT | 90 |
|             |                 |       | PS     | 4 Lug (Bracket) Fixing                     | VREA032 | ALT | 70 |
| 2.0 GTi 8v  |                 | 92-97 | Manual | Unsupported Drive                          | VRES017 | SM  |    |
|             |                 |       | Not PS | Slot Adjuster                              | VREA040 | ALT | 90 |
|             |                 |       | PS     | 4 Lug (Bracket) Fixing                     | VREA032 | ALT | 70 |
| 2.0 GTi 16v |                 | 92-97 | Manual | Unsupported Drive                          | VRES027 | SM  |    |
|             |                 |       | Not PS | Slot Adjuster                              | VREA040 | ALT | 90 |
|             |                 |       | PS     | 4 Lug (Bracket) Fixing                     | VREA032 | ALT | 70 |
| 2.8 VR6     | AAA             | 95-97 | Auto   | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022 | SM  |    |

**GOLF IV**

|               |           |       |                          |  |         |     |    |
|---------------|-----------|-------|--------------------------|--|---------|-----|----|
| 1.4           | AHW,AKQ   | 97-98 |                          | Supported Drive                            | VRES014 | SM  |    |
|               | All Eng's | 98-04 |                          | Supported Drive                            | VRES014 | SM  |    |
| Inc. AirCon   |           |       | Standard 6 PV, Oval Plug | VREA039                                    | ALT     | 90  |    |
| 1.6 8v        | AEH,AKL   | 97-98 |                          | Supported Drive                            | VRES014 | SM  |    |
|               | All Eng's | 98-04 |                          | Supported Drive                            | VRES014 | SM  |    |
| Inc. AirCon   |           |       | Standard 6 PV, Oval Plug | VREA039                                    | ALT     | 90  |    |
| 1.6 16v       | All Eng's | 02-04 |                          | Supported Drive                            | VRES014 | SM  |    |
|               |           |       | Inc. AirCon              | Standard 6 PV, Oval Plug                   | VREA039 | ALT | 90 |
| 1.8 Cabriolet | All Eng's | 98-00 |                          | Supported Drive                            | VRES014 | SM  |    |
|               |           |       |                          | Slot Adjuster                              | VREA040 | ALT | 90 |
|               |           |       |                          | 4 Lug (Bracket) Fixing                     | VREA032 | ALT | 70 |
| 1.8 GTi 16v   | AGN       | 97-99 | Manual                   | Supported Drive                            | VRES019 | SM  |    |
|               |           |       | Auto                     | Supported Drive                            | VRES014 | SM  |    |
|               |           | 98-99 |                          | Standard 6 PV, Oval Plug                   | VREA039 | ALT | 90 |
| 1.8 Turbo     | All Eng's | 00-04 | 5spd                     | Supported Drive                            | VRES014 | SM  |    |
|               |           |       | Inc. AirCon              | Standard 6 PV, Oval Plug                   | VREA039 | ALT | 90 |
| 1.8 GTi Turbo | All Eng's | 97-04 | 5spd                     | Supported Drive                            | VRES014 | SM  |    |
|               |           | 98-04 | Inc. AirCon              | Standard 6 PV, Oval Plug                   | VREA039 | ALT | 90 |
| 1.9 SDi       | AGP       | 97-01 |                          | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022 | SM  |    |
|               | AQM       | 98-04 |                          | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022 | SM  |    |
| 1.9 TDi       | All Eng's | 97-04 | 5spd                     | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM  |    |
|               |           |       | 4spd Auto                | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022 | SM  |    |
| 2.0           | All Eng's | 98-04 | Manual                   | Supported Drive                            | VRES019 | SM  |    |
|               |           |       | Auto                     | Supported Drive                            | VRES014 | SM  |    |
|               |           |       | Inc. AirCon              | Standard 6 PV, Oval Plug                   | VREA039 | ALT | 90 |
| 2.0 Cabriolet | All Eng's | 98-02 |                          | Supported Drive                            | VRES014 | SM  |    |
|               |           |       |                          | Slot Adjuster                              | VREA040 | ALT | 90 |
|               |           |       |                          | 4 Lug (Bracket) Fixing                     | VREA032 | ALT | 70 |
| 2.3 V5        | AGZ AQN   | 97-04 | 4spd Auto                | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022 | SM  |    |

**LUPO**

|         |                 |       |        |  |         |    |  |
|---------|-----------------|-------|--------|--|---------|----|--|
| 1.0     | All Other Eng's | 98-05 |        | 2 Plain Holes, 2 Threaded Holes, Unsupported Drive | VRES012 | SM |  |
| 1.4     | All Eng's       | 99-05 | Manual | 2 Plain Holes, 2 Threaded Holes, Unsupported Drive | VRES012 | SM |  |
| 1.4 16v | All Eng's       | 99-05 | Manual | Unsupported Drive                                  | VRES012 | SM |  |
| 1.4 TDi | AMF             | 00-05 |        | 10/11Tooth, 2 Plain Holes, Supported Drive         | VRES009 | SM |  |



ALTERNATOR / STARTER type amps

**VOLKSWAGEN Continued**

**PASSAT II**

|         |        |       |  |  |                   |         |    |
|---------|--------|-------|--|--|-------------------|---------|----|
| 1.8     |        | 91-97 | Manual                                     | Unsupported Drive                          | VRES027           | SM      |    |
|         |        |       | Auto                                       | Unsupported Drive                          | VRES017           | SM      |    |
|         |        | 92-97 | Not PS                                     | Slot Adjuster                              | VREA040           | ALT     | 90 |
|         |        |       | PS   | 4 Lug (Bracket) Fixing                     | VREA032           | ALT     | 70 |
| 1.9 TD  |        | 92-96 |  | 6 PV, Oblong Plug (D+,W)                   | VREA032           | ALT     | 70 |
|         |        |       |  | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009           | SM      |    |
| 1.9 TDi | 1Z,AHU | 92-97 |  | 6 PV, Oblong Plug (D+,W)                   | VREA032           | ALT     | 70 |
|         |        |       | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009                                    | SM                |         |    |
|         | AFN    | 96-97 |  | 6 PV, Oblong Plug (D+,W)                   | VREA032           | ALT     | 70 |
|         |        |       |  | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009           | SM      |    |
| 2.0     |        | 93-97 |  | 4 Lug (Bracket) Fixing, Internal Fan       | VREA032           | ALT     | 70 |
|         |        |       | 91-97                                      | Manual                                     | Unsupported Drive | VRES027 | SM |
|         |        | 91-97 | Auto                                       | Unsupported Drive                          | VRES017           | SM      |    |
|         |        |       | 91-97                                      | Manual                                     | Unsupported Drive | VRES027 | SM |
| 2.0 16v |        | 91-97 | Auto                                       | Unsupported Drive                          | VRES017           | SM      |    |
|         |        |       |  | Auto                                       | Unsupported Drive | VRES017 | SM |

**POLO**

|                 |                 |       |                   |  |         |     |    |
|-----------------|-----------------|-------|-------------------|--|---------|-----|----|
| 1.0             | 999cc           | 96-02 |                   | Unsupported Drive                                  | VRES012 | SM  |    |
|                 |                 | 96-99 | Not PS            | Internal Fan, Slot Adjuster                        | VREA040 | ALT | 90 |
|                 | 1043cc          | 94-96 |                   | 4 Lug (Bracket) Fixing, Internal Fan               | VREA032 | ALT | 70 |
|                 |                 |       |                   | 2 Plain Holes, 2 Threaded Holes, Unsupported Drive | VRES012 | SM  |    |
| 1.3             |                 | 94-96 |                   | 4 Lug (Bracket) Fixing, Internal Fan               | VREA032 | ALT | 70 |
|                 |                 |       |                   | 2 Plain Holes, 2 Threaded Holes, Unsupported Drive | VRES012 | SM  |    |
| 1.4 8v          |                 | 95-02 | Manual            | Unsupported Drive                                  | VRES012 | SM  |    |
|                 |                 |       | Not PS            | Internal Fan, Slot Adjuster                        | VREA040 | ALT | 90 |
|                 |                 | 95-02 | PS                | 4 Lug (Bracket) Fixing, Internal Fan               | VREA032 | ALT | 70 |
|                 |                 |       |                   | 4 Lug (Bracket) Fixing, Internal Fan               | VREA032 | ALT | 70 |
| 1.4 16v         | AFH             | 96-99 | PS                | 4 Lug (Bracket) Fixing, Internal Fan               | VREA032 | ALT | 70 |
|                 |                 |       | Unsupported Drive | VRES012  | SM      |     |    |
|                 | AFK,AHW,APE,AQC | 98-01 | Manual            | Unsupported Drive                                  | VRES012 | SM  |    |
|                 | AUA,AUB         | 99-01 | Manual            | Unsupported Drive                                  | VRES012 | SM  |    |
| 1.4 TDi         | AMF,BAY         | 00-05 |                   | 10/11Tooth, 2 Plain Holes, Supported Drive         | VRES009 | SM  |    |
| 1.6 8v          | All Eng's       | 94-99 |                   | 6 PV, Oblong Plug (D+,W)                           | VREA032 | ALT | 70 |
|                 |                 | 94-02 | Manual            | Unsupported Drive                                  | VRES012 | SM  |    |
| 1.6 16v         | All Eng's       | 99-02 | Manual            | Unsupported Drive                                  | VRES012 | SM  |    |
| 1.6 8v Classic  | All Eng's       | 94-99 |                   | 4 Lug (Bracket) Fixing, Oblong Plug (D+,W)         | VREA032 | ALT | 70 |
|                 |                 | 94-00 |                   | Unsupported Drive                                  | VRES017 | SM  |    |
| 1.6 16v Classic | All Eng's       | 99-02 |                   | Supported Drive                                    | VRES014 | SM  |    |
| 1.9 D,SDi       | AEY             | 95-99 |                   | 6 PV, Oblong Plug (D+,W)                           | VREA032 | ALT | 70 |
|                 |                 |       |                   | 9Tooth, 3 Plain Holes, Supported Drive             | VRES022 | SM  |    |
| 1.9 SDi         | AGP,AQM         | 99-01 |                   | 9Tooth, 3 Plain Holes, Supported Drive             | VRES022 | SM  |    |
| 1.9 TDi         | AFN,AHU,ALE     | 98-99 |                   | 10/11Tooth, 2 Plain Holes, Supported Drive         | VRES009 | SM  |    |
|                 | AGR,ALH,AVS     | 99-01 |                   | 10/11Tooth, 2 Plain Holes, Supported Drive         | VRES009 | SM  |    |
|                 | ATD,AXR         | 98-05 |                   | 10/11Tooth, 2 Plain Holes, Supported Drive         | VRES009 | SM  |    |

**SHARAN**

|               |         |       |  |  |         |     |    |
|---------------|---------|-------|--|--|---------|-----|----|
| 1.8 20V Turbo | AJH     | 97-00 | Manual                                 | Supported Drive                            | VRES019 | SM  |    |
|               |         |       | Auto                                   | Supported Drive                            | VRES014 | SM  |    |
| 1.9 TDi       | 1Z      | 95-96 | Manual                                 | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM  |    |
|               | AHU     | 96-99 | Manual                                 | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM  |    |
|               |         |       | Auto                                   | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022 | SM  |    |
|               | AFN     | 96-99 | Manual                                 | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM  |    |
|               |         |       | Auto                                   | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022 | SM  |    |
|               | AHU,AFN | 99-00 | Manual                                 | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM  |    |
| Auto          |         |       | 9Tooth, 3 Plain Holes, Supported Drive | VRES022                                    | SM      |     |    |
| 2.0           | ADY     | 96-99 |  | Slot Adjuster, Oblong Plug (D+,W)          | VREA040 | ALT | 90 |
|               |         | 96-98 | Manual                                 | Unsupported Drive                          | VRES027 | SM  |    |
|               |         | 98-00 | Manual                                 | Supported Drive                            | VRES019 | SM  |    |
|               |         | 96-98 | Auto                                   | Unsupported Drive                          | VRES017 | SM  |    |
|               |         | 98-00 | Auto                                   | Supported Drive                            | VRES014 | SM  |    |
|               | 00→     | Auto  | Supported Drive                        | VRES014                                    | SM      |     |    |
| 2.8 VR6       | AAA AMY | 95-00 | Auto                                   | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022 | SM  |    |



ALTERNATOR / STARTER type amps

**VOLKSWAGEN Continued**

| VENTO   |  |       |        |  |         |     |    |
|---------|--|-------|--------|--|---------|-----|----|
| 1.6     |  | 92-98 |        | Unsupported Drive                          | VRES012 | SM  |    |
|         |  |       | Not PS | Slot Adjuster                              | VREA040 | ALT | 90 |
|         |  |       | PS     | 4 Lug (Bracket) Fixing, Oblong Plug        | VREA032 | ALT | 70 |
| 1.8     |  | 92-98 |        | Unsupported Drive                          | VRES017 | SM  |    |
|         |  |       | Not PS | Slot Adjuster                              | VREA040 | ALT | 90 |
|         |  |       | PS     | 4 Lug (Bracket) Fixing, Oblong Plug        | VREA032 | ALT | 70 |
| 1.9 D   |  | 94-96 |        | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022 | SM  |    |
| 1.9 TD  |  | 92-98 |        | 4 Lug (Bracket) Fixing, Oblong Plug        | VREA032 | ALT | 70 |
|         |  | 94-98 |        | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022 | SM  |    |
| 1.9 TDi |  | 94-98 |        | 4 Lug (Bracket) Fixing, Oblong Plug        | VREA032 | ALT | 70 |
|         |  |       |        | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 | SM  |    |
| 2.0     |  | 92-98 |        | Unsupported Drive                          | VRES017 | SM  |    |
|         |  |       | Not PS | Slot Adjuster                              | VREA040 | ALT | 90 |
|         |  |       | PS     | 4 Lug (Bracket) Fixing, Oblong Plug        | VREA032 | ALT | 70 |

**VOLKSWAGEN LCV**

| CADDY   |             |       |        |  |               |  |         |
|---------|-------------|-------|--------|--|---------------|--|---------|
| 1.4     | AEX,AKV,APQ | 96-03 |        | Unsupported Drive                          | VRES012       | SM   |         |
|         |             |       |        | Slot Adjuster                              | VREA040       | ALT  | 90      |
|         |             |       | PS     | 4 Lug (Bracket) Fixing, Oblong Plug        | VREA032       | ALT  | 70      |
|         | AUD         | 96-00 |        | Unsupported Drive                          | VRES012       | SM   |         |
|         |             |       |        | Slot Adjuster                              | VREA040       | ALT  | 90      |
|         |             |       | PS     | 4 Lug (Bracket) Fixing, Oblong Plug        | VREA032       | ALT  | 70      |
| 1.6     | AUA,AUD     | 00-03 |        | Unsupported Drive                          | VRES012       | SM   |         |
|         | 1F          | 95-97 |        | Unsupported Drive                          | VRES017       | SM   |         |
|         |             |       |        | Slot Adjuster                              | VREA040       | ALT  | 90      |
| 1.9 D   | 1Y          | 96-03 |        | 4 Lug (Bracket) Fixing, Oblong Plug        | VREA032       | ALT  | 70      |
|         |             |       |        | Unsupported Drive                          | VRES012       | SM   |         |
|         |             |       | Not PS | Slot Adjuster                              | VREA040       | ALT  | 90      |
| 1.9 SDi | AEY         | 96-00 |        | 6 PV, Oblong Plug (D+,W)                   | VREA032       | ALT  | 70      |
|         |             |       |        | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022       | SM   |         |
|         |             |       | PS     | 4 Lug (Bracket) Fixing, Oblong Plug        | VREA032       | ALT  | 70      |
| 1.9 TD  | AYQ         | 00-03 |        | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022       | SM   |         |
|         |             |       |        | 9Tooth, 3 Plain Holes, Supported Drive     | VRES022       | SM   |         |
|         |             |       | 92-97  | Not PS                                     | Slot Adjuster | VREA040                                    | ALT     |
| 1.9 TDi | 1Z,AHU,ALE  | 96-00 |        | 4 Lug (Bracket) Fixing, Oblong Plug        | VREA032       | ALT  | 70      |
|         |             |       |        | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009       | SM   |         |
|         |             |       | ALH    | 00-03                                      |               | 10/11Tooth, 2 Plain Holes, Supported Drive | VRES009 |

**CARAVELLE**

|        |  |       |        |                                     |         |     |    |
|--------|--|-------|--------|-------------------------------------|---------|-----|----|
| 1.9 TD |  | 93-98 |        | Slot Adjuster                       | VREA040 | ALT | 90 |
|        |  | 94-98 |        | Supported Drive                     | VRES018 | SM  |    |
| 2.0    |  | 92-98 |        | 4 Lug (Bracket) Fixing, Oblong Plug | VREA032 | ALT | 70 |
| 2.4 D  |  | 94-98 | Manual | Supported Drive                     | VRES018 | SM  |    |
| 2.5    |  | 91-94 |        | 4 Lug (Bracket) Fixing, Oblong Plug | VREA032 | ALT | 70 |
| 2.5 TD |  | 96-98 | Manual | Supported Drive                     | VRES018 | SM  |    |

**MULTIVAN**

|            |         |       |        |  |         |    |  |
|------------|---------|-------|--------|--|---------|----|--|
| 2.5        | AET     | 96-03 |        | Supported Drive                        | VRES018 | SM |  |
| 2.5 TD,TDi | ACV,AJT | 97-03 | Manual | Supported Drive                        | VRES018 | SM |  |
|            |         |       | Auto   | 9Tooth, 3 Plain Holes, Supported Drive | VRES022 | SM |  |
|            | AHY     | 98-00 |        | Supported Drive                        | VRES018 | SM |  |
|            | AUF     | 99-03 |        | Supported Drive                        | VRES018 | SM |  |
|            | AXG     | 00-03 | Manual | Supported Drive                        | VRES018 | SM |  |
| 2.8 V6     | AES     | 96-   |        | Supported Drive                        | VRES018 | SM |  |

**TRANSPORTER**

|        |     |       |             |  |         |     |    |
|--------|-----|-------|-------------|--|---------|-----|----|
| 1.9 D  | 1X  | 92-96 |             | Slot Adjuster                              | VREA040 | ALT | 90 |
|        |     | 94-96 |             | 3 Plain Holes                              | VRES018 | SM  |    |
| 1.9 TD | ABL | 96-03 |             | 3 Plain Holes                              | VRES018 | SM  |    |
|        |     | 96-98 | Not PS      | Slot Adjuster, Oblong Plug (D+,W)          | VREA040 | ALT | 90 |
|        |     |       | PS          | 4 Lug (Bracket) Fixing, Oblong Plug        | VREA032 | ALT | 70 |
| 2.0    | AAC | 93-98 | PS          | 4 Lug (Bracket) Fixing, Oblong Plug (D+,W) | VREA032 | ALT | 70 |
| 2.4 D  |     | 94-98 | Inc. Syncro | Supported Drive                            | VRES018 | SM  |    |



ALTERNATOR / STARTER type amps

**VOLKSWAGEN LCV Continued**

**TRANSPORTER**

|         |     |       |             |  |         |     |    |
|---------|-----|-------|-------------|--|---------|-----|----|
| 2.5     |     | 90-95 |             | 4 Lug (Bracket) Fixing, Oblong Plug    | VREA032 | ALT | 70 |
|         |     | 94-96 | Inc. Syncro | Supported Drive                        | VRES018 | SM  |    |
|         | AET | 97-03 | Manual      | Supported Drive                        | VRES018 | SM  |    |
| 2.5 TD  |     | 96-98 | Manual      | Supported Drive                        | VRES018 | SM  |    |
|         |     |       | Auto        | 9Tooth, 3 Plain Holes, Supported Drive | VRES022 | SM  |    |
| 2.5 TDi |     | 98-03 | Manual      | Supported Drive                        | VRES018 | SM  |    |
|         |     |       | Auto        | 9Tooth, 3 Plain Holes, Supported Drive | VRES022 | SM  |    |

**VOLVO**

**440**

|             |  |       |  |                           |         |    |  |
|-------------|--|-------|--|---------------------------|---------|----|--|
| 1.6 i       |  | 94-97 |  | Located With Dowel, Refit | VRES008 | SM |  |
| 1.7 i       |  | 92-97 |  | Located With Dowel, Refit | VRES008 | SM |  |
| 1.7 i Turbo |  | 92-97 |  | Located With Dowel, Refit | VRES008 | SM |  |
| 1.8 i       |  | 91-97 |  | Located With Dowel, Refit | VRES008 | SM |  |

**460**

|             |  |       |  |                           |         |    |  |
|-------------|--|-------|--|---------------------------|---------|----|--|
| 1.7         |  | 92-97 |  | Located With Dowel, Refit | VRES008 | SM |  |
| 1.7 i       |  | 92-97 |  | Located With Dowel, Refit | VRES008 | SM |  |
| 1.7 i Turbo |  | 92-97 |  | Located With Dowel, Refit | VRES008 | SM |  |
| 1.8 i       |  | 91-97 |  | Located With Dowel, Refit | VRES008 | SM |  |

**480**

|             |  |       |  |                           |         |    |  |
|-------------|--|-------|--|---------------------------|---------|----|--|
| 1.7 i       |  | 87-96 |  | Located With Dowel, Refit | VRES008 | SM |  |
| 1.7 i Turbo |  | 87-96 |  | Located With Dowel, Refit | VRES008 | SM |  |

**850**

|               |  |       |  |                                   |         |    |  |
|---------------|--|-------|--|-----------------------------------|---------|----|--|
| 2.0 10v       |  | 95-97 |  | Located With Dowel Pin, Refit Pin | VRES023 | SM |  |
| 2.0 20v       |  | 94-97 |  | Located With Dowel Pin, Refit Pin | VRES023 | SM |  |
| 2.3 T5 Turbo  |  | 94-97 |  | Located With Dowel Pin, Refit Pin | VRES023 | SM |  |
| 2.3 T5R Turbo |  | 95-97 |  | Located With Dowel Pin, Refit Pin | VRES023 | SM |  |
| 2.5 10v       |  | 92-97 |  | Located With Dowel Pin, Refit Pin | VRES023 | SM |  |
| 2.5 20v       |  | 94-97 |  | Located With Dowel Pin, Refit Pin | VRES023 | SM |  |

**C70**

|           |         |       |  |                                   |         |    |  |
|-----------|---------|-------|--|-----------------------------------|---------|----|--|
| 2.0 Turbo | B5204T2 | 97-98 |  | Located With Dowel Pin, Refit Pin | VRES023 | SM |  |
|           | B5204T3 | 97-00 |  | Located With Dowel Pin, Refit Pin | VRES023 | SM |  |
|           | B5204T4 | 99-06 |  | Located With Dowel Pin, Refit Pin | VRES023 | SM |  |
| 2.3 Turbo | B5234T3 | 97-05 |  | Located With Dowel Pin, Refit Pin | VRES023 | SM |  |
| 2.4       | B5244S  | 99-04 |  | Located With Dowel Pin, Refit Pin | VRES023 | SM |  |
| 2.4 Turbo | B5244T  | 99-02 |  | Located With Dowel Pin, Refit Pin | VRES023 | SM |  |
|           | B5244T7 | 02→   |  | Located With Dowel Pin, Refit Pin | VRES023 | SM |  |
| 2.5       | B5254S  | 99-02 |  | Located With Dowel Pin, Refit Pin | VRES023 | SM |  |
| 2.5 Turbo | B5244T  | 98-00 |  | Located With Dowel Pin, Refit Pin | VRES023 | SM |  |

**S40**

|              |                |       |      |   |         |     |     |
|--------------|----------------|-------|------|---|---------|-----|-----|
| 1.6          | B4164S         | 97-99 | Auto | Located With Dowel Pin, Refit Pin, Heavy Duty | VRES023 | SM  |     |
|              | B4164S2        | 99-04 | Auto | Located With Dowel Pin, Refit Pin, Heavy Duty | VRES023 | SM  |     |
| 1.8          | B4184S         | 97-99 | Auto | Located With Dowel Pin, Refit Pin, Heavy Duty | VRES023 | SM  |     |
|              | B4184S2 To S10 | 99-04 | Auto | Located With Dowel Pin, Refit Pin, Heavy Duty | VRES023 | SM  |     |
| 1.9 T4 Turbo | B4194T T2      | 99-04 | Auto | Located With Dowel Pin, Refit Pin, Heavy Duty | VRES023 | SM  |     |
| 1.9 D,TD     |                | 00-03 |      | 4 Lug (Bracket) Fixing, Inline Brackets       | VREA026 | ALT | 125 |
| 2.0          | B4204S         | 97-99 | Auto | Located With Dowel Pin, Refit Pin, Heavy Duty | VRES023 | SM  |     |
|              | B4204S2        | 99-04 | Auto | Located With Dowel Pin, Refit Pin, Heavy Duty | VRES023 | SM  |     |
| 2.0 Turbo    | B4204T T2 T3   | 99-04 | Auto | Located With Dowel Pin, Refit Pin, Heavy Duty | VRES023 | SM  |     |
| 2.0 T4 Turbo | B4204T5        | 99-04 | Auto | Located With Dowel Pin, Refit Pin, Heavy Duty | VRES023 | SM  |     |

**S60**

|                 |          |       |  |                                   |         |    |  |
|-----------------|----------|-------|--|-----------------------------------|---------|----|--|
| 2.0 Turbo       | B5204T5  | 00-06 |  | Located With Dowel Pin, Refit Pin | VRES023 | SM |  |
| 2.3 T5 Turbo    | B5234T3  | 00-04 |  | Located With Dowel Pin, Refit Pin | VRES023 | SM |  |
| 2.5 Bi-Fuel LPG | B5244SG2 | 00-06 |  | Located With Dowel Pin, Refit Pin | VRES023 | SM |  |
| 2.4 Turbo       | B5244T3  | 00-03 |  | Located With Dowel Pin, Refit Pin | VRES023 | SM |  |

**S70**

|              |           |       |  |                                   |         |    |  |
|--------------|-----------|-------|--|-----------------------------------|---------|----|--|
| 2.0          | B5202S 4S | 97-99 |  | Located With Dowel Pin, Refit Pin | VRES023 | SM |  |
| 2.3 R Turbo  | B5234T4   | 97-98 |  | Located With Dowel Pin, Refit Pin | VRES023 | SM |  |
| 2.3 T5 Turbo | B5234T3   | 96-99 |  | Located With Dowel Pin, Refit Pin | VRES023 | SM |  |
| 2.4          | B5244S S2 | 99-99 |  | Located With Dowel Pin, Refit Pin | VRES023 | SM |  |
| 2.4 Turbo    | B5254T    | 99-99 |  | Located With Dowel Pin, Refit Pin | VRES023 | SM |  |



ALTERNATOR / STARTER type amps

**VOLVO Continued**

| VOLVO Continued          |                |       |      |   |         | VRES023 | SM  |  |
|--------------------------|----------------|-------|------|---|---------|---------|-----|--|
| <b>S70</b>               |                |       |      |   |         |         |     |  |
| 2.5 10v                  | B5252S         | 96-99 |      | Located With Dowel Pin, Refit Pin             | VRES023 | SM      |     |  |
| 2.5 20v                  | B5254S         | 96-99 |      | Located With Dowel Pin, Refit Pin             | VRES023 | SM      |     |  |
| 2.5 Turbo                | B5254T         | 96-99 |      | Located With Dowel Pin, Refit Pin             | VRES023 | SM      |     |  |
| <b>S80</b>               |                |       |      |   |         |         |     |  |
| 2.0 Turbo                | B5204T5        | 00→   |      | Located With Dowel Pin, Refit Pin             | VRES023 | SM      |     |  |
| 2.4                      | B5244S S2      | 98-06 |      | Located With Dowel Pin, Refit Pin             | VRES023 | SM      |     |  |
| 2.4 Bi-Fuel LPG          | B5244S G2      | 01→   |      | Located With Dowel Pin, Refit Pin             | VRES023 | SM      |     |  |
| 2.4 Turbo                | B5244T3        | 01-03 |      | Located With Dowel Pin, Refit Pin             | VRES023 | SM      |     |  |
| 2.5 Turbo                | B5254T2        | 03-06 |      | Located With Dowel Pin, Refit Pin             | VRES023 | SM      |     |  |
| <b>V40</b>               |                |       |      |   |         |         |     |  |
| 1.6                      | B4164S         | 97-99 | Auto | Located With Dowel Pin, Refit Pin, Heavy Duty | VRES023 | SM      |     |  |
|                          | B4164S2        | 99-04 | Auto | Located With Dowel Pin, Refit Pin, Heavy Duty | VRES023 | SM      |     |  |
| 1.8                      | B4184S         | 97-99 | Auto | Located With Dowel Pin, Refit Pin, Heavy Duty | VRES023 | SM      |     |  |
|                          | B4184S2 To S10 | 99-04 | Auto | Located With Dowel Pin, Refit Pin, Heavy Duty | VRES023 | SM      |     |  |
| 1.9 T4 Turbo             | B4194T T2      | 99-04 | Auto | Located With Dowel Pin, Refit Pin, Heavy Duty | VRES023 | SM      |     |  |
| 1.9 D,TD                 |                | 00-03 |      | 4 Lug (Bracket) Fixing, Inline Brackets       | VREA026 | ALT     | 125 |  |
| 2.0                      | B4204S         | 97-99 | Auto | Located With Dowel Pin, Refit Pin, Heavy Duty | VRES023 | SM      |     |  |
|                          | B4204S2        | 99-04 | Auto | Located With Dowel Pin, Refit Pin, Heavy Duty | VRES023 | SM      |     |  |
| 2.0 Turbo                | B4204T T2 T3   | 99-04 | Auto | Located With Dowel Pin, Refit Pin, Heavy Duty | VRES023 | SM      |     |  |
| 2.0 T4 Turbo             | B4204T5        | 99-04 | Auto | Located With Dowel Pin, Refit Pin, Heavy Duty | VRES023 | SM      |     |  |
| <b>V70</b>               |                |       |      |   |         |         |     |  |
| 2.0                      | B5202S 4S      | 97-99 |      | Located With Dowel Pin, Refit Pin             | VRES023 | SM      |     |  |
| 2.0 Turbo                | B5204T5        | 00→   |      | Located With Dowel Pin, Refit Pin             | VRES023 | SM      |     |  |
| 2.3 R Turbo              | B5234T4        | 97-99 |      | Located With Dowel Pin, Refit Pin             | VRES023 | SM      |     |  |
| 2.3 T5 Turbo             | B5234T3        | 96-00 |      | Located With Dowel Pin, Refit Pin             | VRES023 | SM      |     |  |
| 2.4                      | B5244S S2      | 99→   |      | Located With Dowel Pin, Refit Pin             | VRES023 | SM      |     |  |
| 2.4 Bi-Fuel LPG          | B5244SG2       | 01→   |      | Located With Dowel Pin, Refit Pin             | VRES023 | SM      |     |  |
| 2.4 Turbo                | B5254T         | 99-99 |      | Located With Dowel Pin, Refit Pin             | VRES023 | SM      |     |  |
|                          | B5244T3        | 00-03 |      | Located With Dowel Pin, Refit Pin             | VRES023 | SM      |     |  |
| 2.4 T5 Turbo             | B5244T5        | 04→   |      | Located With Dowel Pin, Refit Pin             | VRES023 | SM      |     |  |
| 2.5 10v                  | B5252S         | 96-99 |      | Located With Dowel Pin, Refit Pin             | VRES023 | SM      |     |  |
| 2.5 20v                  | B5254S         | 96-99 |      | Located With Dowel Pin, Refit Pin             | VRES023 | SM      |     |  |
| 2.5 Turbo                | B5254T         | 96-99 |      | Located With Dowel Pin, Refit Pin             | VRES023 | SM      |     |  |
|                          | B5254T2        | 02→   |      | Located With Dowel Pin, Refit Pin             | VRES023 | SM      |     |  |
| <b>V70 CROSS COUNTRY</b> |                |       |      |   |         |         |     |  |
| 2.4 Turbo                | B5244T3        | 00-02 |      | Located With Dowel Pin, Refit Pin             | VRES023 | SM      |     |  |
| <b>XC70</b>              |                |       |      |   |         |         |     |  |
| 2.5 Turbo                | B5254T2        | 02→   |      | Located With Dowel Pin, Refit Pin             | VRES023 | SM      |     |  |
| <b>XC90</b>              |                |       |      |   |         |         |     |  |
| 2.5 Turbo                | B5245T2        | 04→   |      | Located With Dowel Pin, Refit Pin             | VRES023 | SM      |     |  |