


**DEMARREUR DAEWOO LANOS**


Remanufactured

Core code : 08

FADADE



3599771303344


**TECHNICAL DATA**

|                              |                            |
|------------------------------|----------------------------|
| Voltage [V]                  | <b>12 V</b>                |
| Rated Power [kW]             | <b>1.2 kW</b>              |
| Number of mounting bores     | <b>2</b>                   |
| Transmission Type            | <b>with reduction gear</b> |
| Number of Teeth              | <b>9</b>                   |
| Fiche                        | <b>SOL66</b>               |
| Rotation Direction           | <b>Clockwise rotation</b>  |
| Technical Information Number | <b>BT-05</b>               |

**PICTURES**


Before installation, compare the part received with the original part to ensure that the correct part number has been selected and can be installed on the vehicle. Failure to follow those, or the manufacturer, instructions will void the warranty.

**CHEVROLET**

|                                           |        |                   |
|-------------------------------------------|--------|-------------------|
| AVEO / KALOS A trois volumes (T200) - 1.4 | 94 ch  | 05.2003 > 05.2008 |
| KALOS - 1.4                               | 83 ch  | 03.2005 > 05.2008 |
| KALOS - 1.4 16V                           | 94 ch  | 05.2003 > 05.2008 |
| AVEO (T200, T250) - 1.4                   | 83 ch  | 03.2005 >         |
|                                           | 94 ch  | 03.2005 > 05.2013 |
| AVEO (T200, T250) - 1.4 16V               | 94 ch  | 06.2006 > 05.2008 |
| CRUZE (2009-) (J300) - 1.6                | 109 ch | 05.2009 >         |
| LACETTI A trois volumes (J200) - 1.8      | 122 ch | 08.2005 > 03.2013 |
| LACETTI A trois volumes (J200) - 1.4      | 94 ch  | 03.2005 > 03.2013 |
| LACETTI A trois volumes (J200) - 1.6      | 109 ch | 03.2005 > 03.2013 |
| LACETTI - 1.4 16V                         | 95 ch  | 03.2005 > 03.2013 |
| LACETTI - 1.6                             | 109 ch | 03.2005 >         |
| LACETTI - 1.8                             | 121 ch | 08.2005 > 12.2011 |
|                                           | 122 ch | 03.2005 >         |
| LACETTI Break (J200) - 1.6                | 109 ch | 03.2005 >         |
| NUBIRA 3 volumes - 1.4                    | 94 ch  | 01.2005 > 12.2007 |
|                                           | 95 ch  | 01.2006 > 12.2008 |
| NUBIRA 3 volumes - 1.6                    | 109 ch | 03.2005 > 12.2011 |
| NUBIRA 3 volumes - 1.8                    | 121 ch | 01.2006 > 09.2007 |
|                                           | 122 ch | 03.2005 > 12.2009 |
| NUBIRA Break - 1.6                        | 109 ch | 03.2005 > 12.2011 |
| NUBIRA Break - 1.8                        | 121 ch | 08.2005 > 12.2011 |
|                                           | 122 ch | 03.2005 > 12.2009 |
| REZZO - 1.6                               | 90 ch  | 03.2005 > 03.2009 |
|                                           | 105 ch | 03.2005 >         |
|                                           | 107 ch | 08.2005 >         |

**DAEWOO**

|                                           |        |                     |
|-------------------------------------------|--------|---------------------|
| ESPERO (KLEJ) - 1.5 16V                   | 90 ch  | 02.1995 > 06.1999   |
| KALOS (KLAS) - 1.4                        | 83 ch  | 09.2002 >           |
| KALOS (KLAS) - 1.4 16V                    | 94 ch  | 04.2003 >           |
| KALOS 3 volumes - 1.4                     | 83 ch  | 11.2002 > 12.2004   |
|                                           | 94 ch  | 05.2003 > 12.2004   |
| LACETTI (2003-) 3/5 portes (KLAN) - 1.4   | 94 ch  | 06.2002 > 12.2004   |
|                                           | 95 ch  | 02.2004 >           |
| LACETTI (2003-) 3/5 portes (KLAN) - 1.6   | 109 ch | 02.2004 >           |
| LACETTI (2003-) 3/5 portes (KLAN) - 1.8   | 122 ch | 02.2004 >           |
| LANOS (KLAT) - 1.3                        | 75 ch  | 05.1997 >           |
| LANOS (KLAT) - 1.5                        | 86 ch  | 05.1997 >           |
|                                           | 99 ch  | 10.1997 > 06.1999   |
| LANOS (KLAT) - 1.6 16V                    | 106 ch | 05.1997 >           |
| LANOS 3 volumes (KLAT) - 1.3 Lanos / Sens | 75 ch  | 05.1997 >           |
| LANOS 3 volumes (KLAT) - 1.5              | 86 ch  | 05.1997 >           |
|                                           | 99 ch  | 10.1997 > 06.1999   |
| LANOS 3 volumes (KLAT) - 1.6 16V          | 106 ch | <b>05.1997 &gt;</b> |
| NEXIA (KLETN) - 1.5                       | 60 ch  | 08.1996 > 08.1997   |
|                                           | 71 ch  | 02.1995 > 08.1997   |
|                                           | 75 ch  | 02.1995 > 08.1997   |
| NEXIA (KLETN) - 1.5 16V                   | 90 ch  | 02.1995 > 08.1997   |
| NEXIA 3 volumes (KLETN) - 1.5             | 60 ch  | 08.1996 > 08.1997   |
|                                           | 71 ch  | 02.1995 > 08.1997   |

**DAEWOO**

|                                                       |        |                   |
|-------------------------------------------------------|--------|-------------------|
|                                                       | 75 ch  | 02.1995 > 08.1997 |
| NEXIA 3 volumes (KLETN) - 1.5 16V                     | 90 ch  | 02.1995 > 08.1997 |
| NUBIRA (97-03) (KLAJ, SUPJ, UU6J) - 1.6               | 103 ch | 08.2002 > 07.2003 |
| NUBIRA (97-03) (KLAJ, SUPJ, UU6J) - 1.6 16V           | 106 ch | 05.1997 > 05.1999 |
| NUBIRA (97-03) 3 volumes (KLAJ, SUPJ, UU6J) - 1.6 16V | 103 ch | 07.2000 >         |
|                                                       | 106 ch | 05.1997 > 05.1999 |
| NUBIRA (97-03) Break (KLAJ, SUPJ, UU6J) - 1.6 16V     | 90 ch  | 06.1997 >         |
|                                                       | 103 ch | 12.2000 >         |
|                                                       | 106 ch | 05.1997 > 05.1999 |
| NUBIRA (J150) - 1.6 16V                               | 106 ch | 06.1999 > 07.2002 |
| NUBIRA A trois volumes (J150) - 1.6 16V               | 106 ch | 06.1999 > 07.2002 |
| NUBIRA Break (J150) - 1.6 16V                         | 106 ch | 06.1999 > 12.2002 |
| NUBIRA (03-08) 3 volumes (KLAN) - 1.4                 | 94 ch  | 10.2003 > 12.2004 |
| NUBIRA (03-08) 3 volumes (KLAN) - 1.6                 | 109 ch | 07.2003 >         |
| NUBIRA (03-08) Break (KLAN) - 1.6                     | 109 ch | 07.2003 >         |
| REZZO (KLAU) - 1.6 SX                                 | 90 ch  | 08.2001 > 12.2004 |
| REZZO (KLAU) - 1.6                                    | 105 ch | 09.2000 >         |
|                                                       | 106 ch | 02.2002 > 12.2004 |
| REZZO (KLAU) - 1.8                                    | 91 ch  | 09.2000 >         |
|                                                       | 98 ch  | 09.2000 > 12.2002 |
|                                                       | 101 ch | 09.2000 >         |

**FIAT**

|                                   |        |                   |
|-----------------------------------|--------|-------------------|
| STILO (192) - 1.6 16V             | 105 ch | 05.2005 > 11.2006 |
| STILO Multi Wagon (192) - 1.6 16V | 105 ch | 03.2005 > 12.2007 |
| STILO VAN (192_) - 1.6            | 105 ch | 04.2005 > 08.2008 |

**OPEL**

|                                                     |        |                   |
|-----------------------------------------------------|--------|-------------------|
| AGILA (00-07) (H00) - 1.0 12V                       | 58 ch  | 09.2000 > 12.2007 |
| AGILA (00-07) (H00) - 1.0                           | 60 ch  | 08.2003 > 12.2007 |
| AGILA (00-07) (H00) - 1.2 16V                       | 75 ch  | 09.2000 > 12.2007 |
| ASCONA C (81_, 86_, 87_, 88_) - 1.6                 | 82 ch  | 09.1986 > 08.1988 |
| ASTRA F (91-98) (56_, 57_) - 1.4 i                  | 60 ch  | 09.1991 > 09.1998 |
| ASTRA F (91-98) (56_, 57_) - 1.4 i 16V              | 90 ch  | 02.1996 > 09.1998 |
| ASTRA F (91-98) (56_, 57_) - 1.6 i                  | 71 ch  | 05.1993 > 07.1996 |
|                                                     | 75 ch  | 03.1992 > 09.1998 |
| ASTRA F (91-98) (56_, 57_) - 1.6                    | 75 ch  | 09.1995 > 09.1998 |
| ASTRA F (91-98) (56_, 57_) - 1.6 Si                 | 100 ch | 05.1992 > 12.1994 |
| ASTRA F (91-98) (56_, 57_) - 1.6 i 16V              | 100 ch | 08.1994 > 09.1998 |
| ASTRA F (91-98) CC (53_, 54_, 58_, 59_) - 1.4 i     | 60 ch  | 09.1991 > 01.1998 |
| ASTRA F (91-98) CC (53_, 54_, 58_, 59_) - 1.4 i 16V | 90 ch  | 09.1996 > 02.1998 |
| ASTRA F (91-98) CC (53_, 54_, 58_, 59_) - 1.6 i     | 71 ch  | 05.1993 > 07.1996 |
|                                                     | 75 ch  | 09.1991 > 01.1998 |
| ASTRA F (91-98) CC (53_, 54_, 58_, 59_) - 1.6       | 75 ch  | 09.1995 > 01.1998 |
| ASTRA F (91-98) CC (53_, 54_, 58_, 59_) - 1.6 Si    | 101 ch | 03.1992 > 12.1994 |
| ASTRA F (91-98) CC (53_, 54_, 58_, 59_) - 1.6 i 16V | 100 ch | 08.1994 > 01.1998 |
| ASTRA F (91-98) Caravan (51_, 52_) - 1.4 i          | 60 ch  | 09.1991 > 01.1998 |
| ASTRA F (91-98) Caravan (51_, 52_) - 1.4            | 75 ch  | 09.1991 > 09.1993 |
| ASTRA F (91-98) Caravan (51_, 52_) - 1.4 i 16V      | 90 ch  | 02.1996 > 01.1998 |
| ASTRA F (91-98) Caravan (51_, 52_) - 1.6 i          | 71 ch  | 05.1993 > 07.1996 |

| OPEL                                            |        |                   |
|-------------------------------------------------|--------|-------------------|
|                                                 | 75 ch  | 09.1991 > 01.1998 |
| ASTRA F (91-98) Caravan (51_, 52_) - 1.6        | 75 ch  | 09.1995 > 01.1998 |
| ASTRA F (91-98) Caravan (51_, 52_) - 1.6 Si     | 101 ch | 03.1992 > 12.1994 |
| ASTRA F (91-98) Caravan (51_, 52_) - 1.6 i 16V  | 100 ch | 08.1994 > 01.1998 |
| ASTRA F (91-98) Cabriolet (53_B) - 1.4 i 16V    | 90 ch  | 01.1996 > 03.2001 |
| ASTRA F (91-98) Cabriolet (53_B) - 1.6 i        | 71 ch  | 03.1993 > 08.1996 |
|                                                 | 75 ch  | 01.1996 > 03.2001 |
| ASTRA G (98-05) 3 volumes (F69_) - 1.2 16V      | 65 ch  | 09.1998 > 09.2000 |
|                                                 | 75 ch  | 09.2000 > 01.2005 |
| ASTRA G (98-05) 3 volumes (F69_) - 1.4 16V      | 90 ch  | 09.1998 > 01.2005 |
| ASTRA G (98-05) 3 volumes (F69_) - 1.6          | 75 ch  | 09.1998 > 09.2000 |
|                                                 | 84 ch  | 09.2000 > 01.2005 |
| ASTRA G (98-05) 3 volumes (F69_) - 1.6 LPG      | 101 ch | 06.2002 > 01.2005 |
| ASTRA G (98-05) 3 volumes (F69_) - 1.6 16V      | 101 ch | 09.1998 > 01.2005 |
| ASTRA G (98-05) 3 volumes (F69_) - 1.8 16V      | 125 ch | 06.2000 > 01.2005 |
| ASTRA G (98-05) Caravan (F35_) - 1.2 16V        | 65 ch  | 02.1998 > 09.2000 |
|                                                 | 75 ch  | 09.2000 > 07.2004 |
| ASTRA G (98-05) Caravan (F35_) - 1.4 16V        | 90 ch  | 06.1998 > 07.2004 |
| ASTRA G (98-05) Caravan (F35_) - 1.6            | 75 ch  | 02.1998 > 09.2000 |
|                                                 | 84 ch  | 09.2000 > 07.2004 |
| ASTRA G (98-05) Caravan (F35_) - 1.6 CNG        | 97 ch  | 03.2003 > 07.2004 |
| ASTRA G (98-05) Caravan (F35_) - 1.6 16V        | 101 ch | 02.1998 > 07.2004 |
| ASTRA G (98-05) Caravan (F35_) - 1.6            | 103 ch | 12.2002 > 05.2004 |
| ASTRA G (98-05) Caravan (F35_) - 1.8 16V        | 125 ch | 09.2000 > 07.2004 |
| ASTRA G (98-05) CC (F48_, F08_) - 1.2 16V       | 65 ch  | 02.1998 > 09.2000 |
|                                                 | 75 ch  | 09.2000 > 01.2005 |
| ASTRA G (98-05) CC (F48_, F08_) - 1.4 16V       | 90 ch  | 02.1998 > 01.2005 |
| ASTRA G (98-05) CC (F48_, F08_) - 1.6           | 75 ch  | 02.1998 > 09.2000 |
|                                                 | 84 ch  | 09.2000 > 01.2005 |
| ASTRA G (98-05) CC (F48_, F08_) - 1.6 16V       | 101 ch | 02.1998 > 01.2005 |
| ASTRA G (98-05) CC (F48_, F08_) - 1.8 16V       | 125 ch | 09.2000 > 01.2005 |
| ASTRA G Coupé (F07_) - 1.6 16V                  | 101 ch | 03.2000 > 05.2005 |
| ASTRA G Coupé (F07_) - 1.8 16V                  | 116 ch | 03.2000 > 10.2000 |
|                                                 | 125 ch | 09.2000 > 05.2005 |
| ASTRA G (98-05) Cabriolet - 1.6 16V             | 101 ch | 03.2001 > 10.2005 |
| ASTRA G (98-05) Cabriolet - 1.8 16V             | 125 ch | 03.2001 > 10.2005 |
| ASTRA H (04-10) - 1.6                           | 105 ch | 03.2004 > 10.2010 |
| ASTRA H (04-10) - 1.8                           | 125 ch | 01.2004 > 10.2010 |
| ASTRA H (04-10) Caravan - 1.6                   | 105 ch | 08.2004 > 10.2010 |
| ASTRA H (04-10) Caravan - 1.8                   | 125 ch | 08.2004 > 10.2010 |
| ASTRA H (04-10) GTC - 1.6                       | 105 ch | 03.2005 > 10.2010 |
| ASTRA H (04-10) GTC - 1.8                       | 125 ch | 03.2005 > 10.2010 |
| ASTRA H (04-10) TwinTop - 1.6                   | 105 ch | 09.2005 > 10.2010 |
| ASTRA H (04-10) TwinTop - 1.8                   | 125 ch | 09.2005 > 10.2010 |
| ASTRA H (04-10) 3 volumes - 1.6                 | 105 ch | 02.2007 > 06.2010 |
| ASTRA G CLASSIC (T98) - 1.4 16V                 | 90 ch  | 05.2004 > 07.2009 |
| ASTRA G CLASSIC (T98) - 1.6 16V                 | 101 ch | 05.2004 > 02.2006 |
| ASTRA G CLASSIC A trois volumes (T98) - 1.4 16V | 90 ch  | 05.2004 > 07.2009 |
| ASTRA G CLASSIC A trois volumes (T98) - 1.6 16V | 101 ch | 03.2004 > 01.2008 |
| ASTRA G (98-05) Caravan (F35_) - 1.4 16V        | 90 ch  | 07.2004 > 09.2007 |
| ASTRA G (98-05) Caravan (F35_) - 1.6            | 101 ch | 06.2004 > 02.2006 |

| OPEL                                                  |        |                   |
|-------------------------------------------------------|--------|-------------------|
|                                                       | 103 ch | 02.2006 > 07.2009 |
| ASTRA F (91-98) CLASSIC 3 volumes - 1.4 i             | 60 ch  | 01.1998 > 08.2002 |
| ASTRA F (91-98) CLASSIC 3 volumes - 1.6 i             | 75 ch  | 01.1998 > 08.2002 |
| ASTRA F (91-98) CLASSIC 3 volumes - 1.6 i 16V         | 101 ch | 01.1998 > 08.2002 |
| ASTRA F (91-98) CLASSIC CC - 1.4 i                    | 60 ch  | 01.1998 > 08.2002 |
| ASTRA F (91-98) CLASSIC CC - 1.6 i                    | 75 ch  | 01.1998 > 08.2002 |
| ASTRA F (91-98) CLASSIC CC - 1.6 i 16V                | 101 ch | 01.1998 > 08.2002 |
| ASTRA F (91-98) CLASSIC Caravan - 1.4 i               | 60 ch  | 01.1998 > 01.2005 |
| ASTRA F (91-98) CLASSIC Caravan - 1.6 i               | 75 ch  | 01.1998 > 01.2005 |
| ASTRA F (91-98) CLASSIC Caravan - 1.6 i 16V           | 101 ch | 01.1998 > 01.2005 |
| CALIBRA A (85_) - 2.0 i                               | 115 ch | 08.1989 > 12.1996 |
| COMBO C Tour - 1.6                                    | 87 ch  | 10.2001 > 09.2006 |
| COMBO C Tour - 1.6 CNG                                | 94 ch  | 06.2006 > 12.2011 |
|                                                       | 97 ch  | 04.2005 > 01.2011 |
| CORSA A (82-93) TR (91_, 92_, 96_, 97_) - 1.2 i       | 45 ch  | 09.1989 > 03.1993 |
| CORSA A (82-93) TR (91_, 92_, 96_, 97_) - 1.2 S       | 55 ch  | 09.1982 > 03.1993 |
|                                                       | 58 ch  | 09.1982 > 10.1987 |
| CORSA A (82-93) TR (91_, 92_, 96_, 97_) - 1.3         | 60 ch  | 09.1985 > 10.1987 |
| CORSA A (82-93) TR (91_, 92_, 96_, 97_) - 1.3 S       | 70 ch  | 09.1982 > 10.1987 |
| CORSA A (82-93) TR (91_, 92_, 96_, 97_) - 1.4 i       | 60 ch  | 10.1989 > 03.1993 |
| CORSA A (82-93) TR (91_, 92_, 96_, 97_) - 1.4 S       | 72 ch  | 09.1989 > 03.1993 |
| CORSA A (82-93) CC (93_, 94_, 98_, 99_) - 1.2 i       | 45 ch  | 09.1989 > 03.1993 |
| CORSA A (82-93) CC (93_, 94_, 98_, 99_) - 1.2 N       | 52 ch  | 01.1990 > 03.1993 |
| CORSA A (82-93) CC (93_, 94_, 98_, 99_) - 1.2 S       | 55 ch  | 09.1982 > 02.1990 |
| CORSA A (82-93) CC (93_, 94_, 98_, 99_) - 1.2         | 60 ch  | 09.1982 > 08.1990 |
| CORSA A (82-93) CC (93_, 94_, 98_, 99_) - 1.3         | 60 ch  | 09.1985 > 10.1989 |
| CORSA A (82-93) CC (93_, 94_, 98_, 99_) - 1.3 i       | 60 ch  | 09.1986 > 09.1990 |
| CORSA A (82-93) CC (93_, 94_, 98_, 99_) - 1.3 S       | 70 ch  | 09.1982 > 10.1989 |
| CORSA A (82-93) CC (93_, 94_, 98_, 99_) - 1.4 i       | 60 ch  | 01.1990 > 03.1993 |
| CORSA A (82-93) CC (93_, 94_, 98_, 99_) - 1.4 S       | 72 ch  | 01.1990 > 03.1993 |
| CORSA A (82-93) CC (93_, 94_, 98_, 99_) - 1.4 Si      | 82 ch  | 09.1991 > 03.1993 |
| CORSA A (82-93) CC (93_, 94_, 98_, 99_) - 1.6 GSI     | 75 ch  | 08.1988 > 09.1992 |
|                                                       | 100 ch | 05.1988 > 03.1992 |
| CORSA A (82-93) CC (93_, 94_, 98_, 99_) - 1.6 GSI Cat | 101 ch | 02.1992 > 03.1993 |
| CORSA B (93-00) (73_, 78_, 79_) - 1.2 i               | 45 ch  | 03.1993 > 09.2000 |
|                                                       | 45 ch  | 03.1993 > 09.2000 |
| CORSA B (93-00) (73_, 78_, 79_) - 1.2 i 16V           | 65 ch  | 03.1998 > 09.2000 |
| CORSA B (93-00) (73_, 78_, 79_) - 1.4 i               | 54 ch  | 03.1993 > 09.2000 |
|                                                       | 60 ch  | 03.1993 > 09.2000 |
| CORSA B (93-00) (73_, 78_, 79_) - 1.4 Si              | 82 ch  | 03.1993 > 09.2000 |
| CORSA B (93-00) (73_, 78_, 79_) - 1.4 i 16V           | 86 ch  | 08.1997 > 09.2000 |
|                                                       | 90 ch  | 09.1994 > 09.2000 |
| CORSA B (93-00) (73_, 78_, 79_) - 1.6 i 16V           | 106 ch | 09.1994 > 09.2000 |
| CORSA B (93-00) (73_, 78_, 79_) - 1.6 GSI 16V         | 109 ch | 03.1993 > 09.2000 |
| CORSA C (00-06) (F08, F68) - 1.0                      | 58 ch  | 09.2000 > 06.2003 |
|                                                       | 60 ch  | 06.2003 > 12.2009 |
| CORSA C (00-06) (F08, F68) - 1.2                      | 75 ch  | 09.2000 > 12.2009 |
| CORSA C (00-06) (F08, F68) - 1.4                      | 90 ch  | 09.2000 > 12.2009 |
| CORSA C (00-06) (F08, F68) - 1.8                      | 125 ch | 09.2000 > 12.2009 |
| CORSA D (06-14) - 1.0                                 | 60 ch  | 07.2006 > 12.2010 |
|                                                       | 65 ch  | 12.2009 > 08.2014 |

| OPEL                                              |        |                   |
|---------------------------------------------------|--------|-------------------|
| FRONTERA A Sport (5_SUD2) - 2.0 i                 | 115 ch | 03.1992 > 10.1998 |
| KADETT E CC (33_, 34_, 43_, 44_) - 1.2            | 55 ch  | 09.1984 > 07.1986 |
| KADETT E CC (33_, 34_, 43_, 44_) - 1.3 N          | 60 ch  | 09.1984 > 08.1991 |
| KADETT E CC (33_, 34_, 43_, 44_) - 1.3 i Cat      | 60 ch  | 09.1985 > 08.1991 |
| KADETT E CC (33_, 34_, 43_, 44_) - 1.3 S          | 75 ch  | 09.1984 > 08.1987 |
| KADETT E CC (33_, 34_, 43_, 44_) - 1.4 i          | 60 ch  | 01.1990 > 08.1991 |
| KADETT E CC (33_, 34_, 43_, 44_) - 1.4 S          | 75 ch  | 01.1990 > 08.1991 |
|                                                   | 82 ch  | 09.1989 > 08.1991 |
| KADETT E CC (33_, 34_, 43_, 44_) - 1.6 i          | 75 ch  | 09.1986 > 08.1991 |
| KADETT E CC (33_, 34_, 43_, 44_) - 1.6 i Cat      | 75 ch  | 09.1986 > 08.1991 |
| KADETT E CC (33_, 34_, 43_, 44_) - 1.6 S          | 82 ch  | 09.1986 > 08.1991 |
|                                                   | 90 ch  | 09.1984 > 08.1986 |
| KADETT E (39_, 49_) - 1.2                         | 55 ch  | 09.1984 > 07.1986 |
| KADETT E (39_, 49_) - 1.3 N                       | 60 ch  | 09.1984 > 08.1989 |
| KADETT E (39_, 49_) - 1.3 i Cat                   | 60 ch  | 09.1985 > 08.1991 |
| KADETT E (39_, 49_) - 1.3 S                       | 75 ch  | 09.1984 > 08.1987 |
| KADETT E (39_, 49_) - 1.4 i                       | 60 ch  | 01.1990 > 08.1991 |
| KADETT E (39_, 49_) - 1.4 S                       | 75 ch  | 01.1990 > 08.1991 |
| KADETT E (39_, 49_) - 1.6 i                       | 75 ch  | 09.1986 > 08.1991 |
| KADETT E (39_, 49_) - 1.6 i Cat                   | 75 ch  | 09.1986 > 08.1991 |
| KADETT E (39_, 49_) - 1.6 S                       | 82 ch  | 09.1986 > 08.1991 |
|                                                   | 90 ch  | 09.1984 > 08.1986 |
| KADETT E Caravan (35_, 36_, 45_, 46_) - 1.2       | 55 ch  | 09.1984 > 07.1986 |
| KADETT E Caravan (35_, 36_, 45_, 46_) - 1.3 N     | 60 ch  | 09.1984 > 08.1991 |
| KADETT E Caravan (35_, 36_, 45_, 46_) - 1.3 i Cat | 60 ch  | 09.1985 > 08.1991 |
| KADETT E Caravan (35_, 36_, 45_, 46_) - 1.3 S     | 75 ch  | 09.1984 > 08.1987 |
| KADETT E Caravan (35_, 36_, 45_, 46_) - 1.4 i     | 60 ch  | 01.1990 > 08.1991 |
| KADETT E Caravan (35_, 36_, 45_, 46_) - 1.4 S     | 75 ch  | 01.1990 > 08.1991 |
| KADETT E Caravan (35_, 36_, 45_, 46_) - 1.6 i     | 75 ch  | 09.1986 > 08.1991 |
| KADETT E Caravan (35_, 36_, 45_, 46_) - 1.6 i Cat | 75 ch  | 09.1986 > 08.1991 |
| KADETT E Caravan (35_, 36_, 45_, 46_) - 1.6       | 82 ch  | 09.1986 > 08.1991 |
| KADETT E Caravan (35_, 36_, 45_, 46_) - 1.6 S     | 90 ch  | 09.1984 > 08.1986 |
| KADETT E Cabriolet (43B_) - 1.3 S                 | 75 ch  | 03.1987 > 02.1993 |
| KADETT E Cabriolet (43B_) - 1.4 i                 | 60 ch  | 01.1990 > 08.1991 |
| KADETT E Cabriolet (43B_) - 1.4 S                 | 75 ch  | 08.1990 > 02.1993 |
| KADETT E Cabriolet (43B_) - 1.6 i                 | 75 ch  | 10.1986 > 02.1993 |
| KADETT E Cabriolet (43B_) - 1.6 i Cat             | 75 ch  | 10.1987 > 02.1993 |
| KADETT E Cabriolet (43B_) - 1.6 i                 | 82 ch  | 07.1989 > 02.1993 |
| MERIVA A (03-10) - 1.6                            | 87 ch  | 05.2003 > 05.2010 |
| MERIVA A (03-10) - 1.6 16V                        | 100 ch | 05.2003 > 01.2006 |
| MERIVA A (03-10) - 1.8                            | 125 ch | 05.2003 > 05.2010 |
| OMEGA B (25_, 26_, 27_) - 2.0                     | 116 ch | 03.1994 > 09.1999 |
| OMEGA B Caravan (21_, 22_, 23_) - 2.0             | 116 ch | 03.1994 > 09.1999 |
| SIGNUM - 1.8                                      | 122 ch | 05.2003 > 07.2005 |
| TIGRA (95_) - 1.4 16V                             | 90 ch  | 07.1994 > 12.2000 |
| TIGRA (95_) - 1.6 16V                             | 106 ch | 07.1994 > 08.1998 |
| TIGRA TwinTop - 1.8                               | 125 ch | 06.2004 > 12.2010 |
| VECTRA A CC (88_, 89_) - 1.4 S                    | 75 ch  | 04.1988 > 06.1992 |
| VECTRA A CC (88_, 89_) - 1.6 i                    | 71 ch  | 09.1993 > 11.1995 |
| VECTRA A CC (88_, 89_) - 1.6 S                    | 82 ch  | 09.1988 > 05.1993 |
| VECTRA A (86_, 87_) - 1.4 S                       | 75 ch  | 09.1988 > 06.1992 |

| OPEL                                                    |        |                   |
|---------------------------------------------------------|--------|-------------------|
| VECTRA A (86_, 87_) - 1.6 i                             | 71 ch  | 09.1993 > 11.1995 |
|                                                         | 75 ch  | 09.1988 > 11.1995 |
|                                                         | 75 ch  | 09.1993 > 11.1995 |
| VECTRA A (86_, 87_) - 1.6                               | 82 ch  | 09.1988 > 05.1993 |
| VECTRA B (36_) - 1.6 i                                  | 75 ch  | 10.1995 > 04.2002 |
| VECTRA B (36_) - 1.6 i 16V                              | 100 ch | 10.1995 > 04.2002 |
| VECTRA B (36_) - 1.8 i 16V                              | 125 ch | 09.2000 > 04.2002 |
| VECTRA B CC (38_) - 1.6 i                               | 75 ch  | 10.1995 > 07.2003 |
| VECTRA B CC (38_) - 1.6 i 16V                           | 101 ch | 10.1995 > 07.2002 |
| VECTRA B CC (38_) - 1.8 i 16V                           | 125 ch | 09.2000 > 07.2003 |
| VECTRA B Caravan (31_) - 1.6 i                          | 75 ch  | 11.1996 > 06.2000 |
| VECTRA B Caravan (31_) - 1.6 i 16V                      | 100 ch | 11.1996 > 07.2002 |
| VECTRA B Caravan (31_) - 1.8 i 16V                      | 125 ch | 09.2000 > 07.2003 |
| VECTRA C - 1.6 16V                                      | 100 ch | 04.2002 > 10.2005 |
| VECTRA C - 1.6                                          | 105 ch | 08.2005 > 08.2008 |
| VECTRA C - 1.8                                          | 110 ch | 04.2002 > 07.2008 |
| VECTRA C - 1.8 16V                                      | 122 ch | 04.2002 > 09.2008 |
| VECTRA C GTS - 1.6                                      | 100 ch | 08.2005 > 08.2008 |
|                                                         | 105 ch | 01.2006 > 08.2008 |
| VECTRA C GTS - 1.8 16V                                  | 110 ch | 08.2002 > 12.2006 |
|                                                         | 122 ch | 08.2002 > 09.2008 |
| VECTRA C Caravan - 1.6                                  | 105 ch | 12.2005 > 08.2008 |
| VECTRA C Caravan - 1.8                                  | 122 ch | 10.2003 > 09.2006 |
| ZAFIRA A (99-06) (F75_) - 1.6 CNG                       | 97 ch  | 09.2001 > 06.2005 |
| ZAFIRA A (99-06) (F75_) - 1.6 16V                       | 101 ch | 04.1999 > 06.2005 |
| ZAFIRA A (99-06) (F75_) - 1.6                           | 103 ch | 10.2003 > 06.2005 |
| ZAFIRA A (99-06) (F75_) - 1.8 16V                       | 125 ch | 09.2000 > 06.2005 |
| ZAFIRA B (05-13) (A05) - 1.6 CNG                        | 94 ch  | 07.2005 > 04.2015 |
| ASTRA F Fourgon/Break (T92) - 1.4 i                     | 60 ch  | 10.1991 > 01.1999 |
| ASTRA F Fourgon/Break (T92) - 1.6 i                     | 75 ch  | 10.1991 > 02.1998 |
|                                                         | 71 ch  | 02.1993 > 07.1996 |
|                                                         | 101 ch | 03.1992 > 12.1994 |
| ASTRA F Fourgon/Break (T92) - 1.6 i 16V                 | 100 ch | 08.1994 > 03.1998 |
| ASTRA G Fourgon/Break (F70) - 1.4                       | 90 ch  | 09.1998 > 04.2005 |
| ASTRA G Fourgon/Break (F70) - 1.6                       | 75 ch  | 01.1999 > 09.2000 |
|                                                         | 84 ch  | 09.2000 > 04.2005 |
|                                                         | 101 ch | 09.1998 > 01.2004 |
| ASTRA H Fourgon/Break (L70) - 1.6 EcoTec                | 103 ch | 02.2004 > 11.2004 |
| COMBO Camionnette/Monospace (71_) - 1.2                 | 45 ch  | 07.1994 > 10.2001 |
| COMBO Camionnette/Monospace (71_) - 1.4                 | 60 ch  | 07.1994 > 10.2001 |
|                                                         | 82 ch  | 07.1994 > 10.2001 |
| COMBO Camionnette/Monospace - 1.6                       | 87 ch  | 10.2001 >         |
| COMBO Camionnette/Monospace - 1.6 CNG 16V               | 94 ch  | 06.2006 >         |
|                                                         | 97 ch  | 04.2005 >         |
| CORSA A Camionnette/Berline bicorps trois ou cinq - 1.2 | 45 ch  | 08.1990 > 07.1994 |
|                                                         | 50 ch  | 08.1990 > 07.1994 |
|                                                         | 54 ch  | 02.1986 > 04.1989 |
|                                                         | 60 ch  | 02.1986 > 07.1990 |
| CORSA A Camionnette/Berline bicorps trois ou cinq - 1.3 | 60 ch  | 02.1986 > 04.1989 |
|                                                         | 69 ch  | 02.1986 > 04.1989 |
| CORSA B Camionnette/Berline bicorps trois ou cinq - 1.2 | 45 ch  | 08.1994 > 12.2001 |

| OPEL                                                        |       |                   |
|-------------------------------------------------------------|-------|-------------------|
| CORSA B Camionnette/Berline bicorps trois ou cinq - 1.4 i   | 60 ch | 08.1999 > 09.2000 |
| CORSA C Camionnette/Berline bicorps trois ou cinq - 1.2 16V | 75 ch | 09.2000 > 07.2003 |
| CORSA D Camionnette/Berline bicorps trois ou cinq - 1.0     | 60 ch | 08.2006 > 08.2014 |
|                                                             | 65 ch | 01.2010 > 08.2014 |
| KADETT E Fourgon/Break (T85) - 1.2                          | 55 ch | 09.1984 > 07.1986 |
| KADETT E Fourgon/Break (T85) - 1.3 N                        | 60 ch | 09.1984 > 07.1989 |
| KADETT E Fourgon/Break (T85) - 1.4 i                        | 60 ch | 01.1990 > 08.1991 |
| KADETT E Fourgon/Break (T85) - 1.6 i                        | 75 ch | 08.1989 > 09.1993 |
| KADETT E Combo (T85) - 1.3 N                                | 60 ch | 01.1986 > 12.1989 |
| KADETT E Combo (T85) - 1.3 S                                | 75 ch | 01.1986 > 12.1989 |
| KADETT E Combo (T85) - 1.4 i                                | 60 ch | 08.1991 > 07.1994 |
| KADETT E Combo (T85) - 1.4 S                                | 75 ch | 07.1989 > 08.1991 |
| KADETT E Combo (T85) - 1.6 i                                | 75 ch | 08.1991 > 07.1994 |
| KADETT E Combo (T85) - 1.6                                  | 82 ch | 09.1986 > 12.1991 |
| ZAFIRA B Camionnette/Monospace (A05) - 1.6 CNG VAN          | 94 ch | 07.2005 > 04.2015 |

| VAUXHALL                                                       |        |                   |
|----------------------------------------------------------------|--------|-------------------|
| AGILA Mk I (A) (H00) - 1.0 12V                                 | 58 ch  | 09.2000 > 08.2005 |
| AGILA Mk I (A) (H00) - 1.2 16V                                 | 75 ch  | 09.2000 > 03.2008 |
| ASTRA Mk III (F) Break (T92) - 1.6 i 16V                       | 100 ch | 01.1994 > 02.1998 |
| ASTRA Mk III (F) A trois volumes (T92) - 1.6 i 16V             | 100 ch | 08.1994 > 09.1998 |
| ASTRA Mk III (F) Berline bicorps trois ou cinq por - 1.6 i     | 75 ch  | 09.1991 > 02.1998 |
|                                                                | 100 ch | 03.1992 > 02.1998 |
| ASTRA Mk III (F) Berline bicorps trois ou cinq por - 1.6 i 16V | 101 ch | 01.1994 > 02.1998 |
| ASTRA Mk IV (G) A trois volumes (T98) - 1.4 16V                | 90 ch  | 09.1998 > 05.2005 |
| ASTRA Mk IV (G) A trois volumes (T98) - 1.6                    | 75 ch  | 09.1998 > 09.2000 |
|                                                                | 84 ch  | 09.2000 > 05.2005 |
| ASTRA Mk IV (G) A trois volumes (T98) - 1.6 16V                | 101 ch | 09.1998 > 05.2005 |
| ASTRA Mk IV (G) Berline bicorps trois ou cinq port - 1.4 16V   | 90 ch  | 02.1998 > 05.2005 |
| ASTRA Mk IV (G) Berline bicorps trois ou cinq port - 1.6       | 75 ch  | 02.1998 > 09.2000 |
|                                                                | 84 ch  | 09.2000 > 05.2005 |
| ASTRA Mk IV (G) Berline bicorps trois ou cinq port - 1.6 16V   | 101 ch | 02.1998 > 05.2005 |
| ASTRA Mk IV (G) Berline bicorps trois ou cinq port - 1.6       | 103 ch | 12.2002 > 05.2005 |
| ASTRA Mk IV (G) Berline bicorps trois ou cinq port - 1.8 16V   | 125 ch | 09.2000 > 05.2005 |
| ASTRA Mk IV (G) Break (T98) - 1.4 16V                          | 90 ch  | 02.1998 > 05.2005 |
| ASTRA Mk IV (G) Break (T98) - 1.6                              | 75 ch  | 03.1998 > 04.2004 |
|                                                                | 84 ch  | 03.1998 > 04.2004 |
| ASTRA Mk IV (G) Break (T98) - 1.6 16V                          | 101 ch | 03.1998 > 04.2004 |
| ASTRA Mk IV (G) Break (T98) - 1.8 16V                          | 125 ch | 09.2000 > 05.2005 |
| ASTRA Mk IV (G) Coupé (T98) - 1.8 16V                          | 115 ch | 03.2000 > 08.2005 |
|                                                                | 125 ch | 09.2000 > 08.2005 |
| ASTRA Mk IV (G) Décapotable (T98) - 1.6 16V                    | 101 ch | 03.2001 > 10.2005 |
| ASTRA Mk IV (G) Décapotable (T98) - 1.8 16V                    | 125 ch | 03.2001 > 10.2005 |
| ASTRA Mk V (H) (A04) - 1.6                                     | 105 ch | 01.2004 > 05.2009 |
| ASTRA Mk V (H) (A04) - 1.8                                     | 125 ch | 01.2004 > 05.2009 |
| ASTRA Mk V (H) Break (A04) - 1.6                               | 105 ch | 08.2004 > 03.2009 |
| ASTRA Mk V (H) Break (A04) - 1.8                               | 125 ch | 10.2004 > 03.2009 |
| ASTRA Mk V (H) Sport Hatch (A04) - 1.6                         | 105 ch | 02.2005 > 11.2010 |
| ASTRA Mk V (H) Sport Hatch (A04) - 1.8                         | 125 ch | 02.2005 > 11.2010 |
| ASTRA Mk V (H) TwinTop (A04) - 1.6                             | 105 ch | 09.2005 > 11.2010 |
| FRONTERA Mk I (A) (U92) - 2.0                                  | 115 ch | 04.1995 > 08.1998 |

| VAUXHALL                                                       |        |                   |
|----------------------------------------------------------------|--------|-------------------|
| FRONTERA Mk I (A) Sport (U92) - 2.0 i                          | 115 ch | 03.1992 > 10.1998 |
| MERIVA A (X03) - 1.6 i                                         | 87 ch  | 01.2003 > 06.2010 |
| MERIVA A (X03) - 1.6 i 16V                                     | 100 ch | 01.2003 > 09.2005 |
| MERIVA A (X03) - 1.8 i 16V                                     | 125 ch | 05.2003 > 06.2010 |
| SIGNUM (Z03) - 1.8                                             | 122 ch | 06.2003 > 07.2005 |
| TIGRA Mk I (S93) - 1.4 16V                                     | 90 ch  | 07.1994 > 12.2000 |
| TIGRA Mk I (S93) - 1.6 16V                                     | 106 ch | 07.1994 > 12.2000 |
| TIGRA TwinTop (X04) - 1.8                                      | 125 ch | 06.2004 > 08.2009 |
| VECTRA (B) A trois volumes (J96) - 1.6 i                       | 75 ch  | 08.1995 > 10.2001 |
| VECTRA (B) A trois volumes (J96) - 1.6 i 16V                   | 100 ch | 08.1995 > 10.2001 |
| VECTRA (B) A trois volumes (J96) - 1.8 i 16V                   | 125 ch | 09.2000 > 03.2002 |
| VECTRA (B) Berline bicorps trois ou cinq portes (J - 1.6 i     | 75 ch  | 08.1995 > 10.2001 |
| VECTRA (B) Berline bicorps trois ou cinq portes (J - 1.6 i 16V | 101 ch | 08.1995 > 10.2001 |
| VECTRA (B) Berline bicorps trois ou cinq portes (J - 1.8 i 16V | 125 ch | 09.2000 > 07.2003 |
| VECTRA (B) Break (J96) - 1.8 i 16V                             | 125 ch | 09.2000 > 03.2002 |
| VECTRA Mk II (C) (Z02) - 1.8 16V                               | 122 ch | 04.2002 > 07.2008 |
| VECTRA Mk II (C) GTS (Z02) - 1.8 16V                           | 122 ch | 08.2002 > 07.2008 |
| VECTRA Mk II (C) Break (Z02) - 1.8 16V                         | 122 ch | 10.2003 > 08.2005 |
| ZAFIRA A (T98) - 1.6 CNG                                       | 97 ch  | 09.2001 > 06.2005 |
| ZAFIRA A (T98) - 1.6 16V                                       | 101 ch | 04.1999 > 08.2005 |
| ZAFIRA A (T98) - 1.8 16V                                       | 125 ch | 09.2000 > 08.2005 |