**DEMARREUR**

Remanufactured

Core code : 07

FADADE

3599771300473



## TECHNICAL DATA

| | |
|---|---|
| Voltage [V] | **12 V** |
| Rated Power [kW] | **0.8 kW** |
| Number of mounting bores | **4** |
| Transmission Type | **with reduction gear** |
| Number of Teeth | **9** |
| Fiche | **SOL66** |
| Rotation Direction | **Clockwise rotation** |
| Number of threaded holes | **4** |

## 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.

| CADILLAC | | |
|---|---|---|
| BLS - 1.9 D | 150 ch | 04.2006 > |

| MAHINDRA | | |
|---|---|---|
| CJ 3 Wagon - 2.1 D | 63 ch | 10.1988 > 09.1992 |

| NISSAN | | |
|---|---|---|
| PRIMASTAR Autobus/Autocar (X83) - 2.0 | 120 ch | 03.2001 > 08.2006 |
| PRIMASTAR Autobus/Autocar (X83) - dCi 140 | 135 ch | 07.2003 > |
| PRIMASTAR Camion plate-forme/Châssis (X83) - 2.0 | 120 ch | 07.2002 > 08.2006 |
| PRIMASTAR Fourgon (X83) - 2.0 | 120 ch | 02.2003 > |
| PRIMASTAR Fourgon (X83) - 2.5 dCi 140 | 135 ch | 07.2003 > |

| OPEL | | |
|---|---|---|
| ASTRA H (04-10) Caravan - 1.9 CDTI 16V | 120 ch | 08.2004 > 10.2010 |
| ASTRA H (04-10) GTC - 1.9 CDTi 16V | 120 ch | 03.2005 > 10.2010 |
| ASTRA J (2010-) 3/5 Portes - 2.0 CDTI | 160 ch | 09.2009 > 10.2015 |
| CASCADA (W13) - 2.0 CDTI | 165 ch | 04.2013 > 06.2015 |
| INSIGNIA 3 volumes - 2.0 CDTI | 160 ch | 07.2008 > 03.2017 |
| INSIGNIA - 2.0 CDTI | 163 ch | 07.2013 > 03.2017 |
| INSIGNIA A Country Tourer (G09) - 2.0 CDTi | 131 ch | 07.2008 > 03.2017 |
| VECTRA C GTS - 1.9 CDTI | 100 ch | 06.2005 > 08.2008 |
| | 120 ch | 04.2004 > 01.2009 |
| | 150 ch | 04.2004 > 08.2008 |
| VECTRA C Caravan - 1.9 CDTI | 100 ch | 06.2005 > 08.2008 |
| | 120 ch | 04.2004 > 01.2009 |
| | 150 ch | 04.2004 > 08.2008 |
| ZAFIRA TOURER C (2011-) (P12) - 2.0 CDTi | 130 ch | 10.2011 > |
| ZAFIRA B (05-13) (A05) - 1.9 CDTI | 100 ch | 07.2005 > 12.2010 |
| | 120 ch | 07.2005 > 04.2015 |
| | 150 ch | 07.2005 > 04.2015 |
| VIVARO A Fourgon (X83) - 2.0 ECOTEC | 117 ch | 08.2006 > 07.2014 |
| VIVARO A Fourgon (X83) - 2.0 16V | 120 ch | 08.2001 > 07.2006 |
| VIVARO A Fourgon (X83) - 1.9 DI | 80 ch | 08.2001 > 07.2006 |
| VIVARO A Fourgon (X83) - 1.9 DTI | 101 ch | 08.2001 > 07.2014 |
| VIVARO A Autobus/Autocar (X83) - 2.0 ECOTEC | 117 ch | 08.2006 > 07.2014 |
| VIVARO A Autobus/Autocar (X83) - 2.0 16V | 120 ch | 08.2001 > 07.2006 |
| VIVARO A Autobus/Autocar (X83) - 1.9 DI | 80 ch | 08.2001 > 07.2006 |
| VIVARO A Autobus/Autocar (X83) - 1.9 DTI | 101 ch | 08.2001 > 07.2014 |
| VIVARO A Camion plate-forme/Châssis (X83) - 2.0 ECOTEC | 117 ch | 08.2006 > 07.2014 |
| VIVARO A Camion plate-forme/Châssis (X83) - 2.0 16V | 120 ch | 01.2002 > 07.2006 |
| VIVARO A Camion plate-forme/Châssis (X83) - 1.9 Di | 82 ch | 08.2001 > 07.2014 |
| VIVARO A Camion plate-forme/Châssis (X83) - 1.9 DTI | 101 ch | 02.2001 > 12.2010 |
| ZAFIRA B Camionnette/Monospace (A05) - 1.9 CDTI VAN | 120 ch | 07.2005 > 04.2015 |
| | 150 ch | 07.2005 > 04.2015 |

| RENAULT | | |
|---|---|---|
| AVANTIME (DE0_) - 2.0 16V Turbo | 163 ch | 11.2001 > 05.2003 |
| CLIO (98-10) (BB__, CB__) - 2.0 16V Sport | 169 ch | 02.2000 > 06.2009 |
| | 179 ch | 01.2004 > 04.2005 |

| RENAULT | | |
|---|---|---|
| CLIO (06-12) (BR__, CR__) - 2.0 16V Sport | 197 ch | 02.2006 > 12.2012 |
| | 200 ch | 09.2008 > 12.2014 |
| ESPACE (96-02) (JE0_) - 2.0 | 139 ch | 09.2001 > 10.2002 |
| ESPACE (96-02) (JE0_) - 2.0 16V | 140 ch | 10.1998 > 10.2002 |
| ESPACE (2002-) (JK0/1_) - 2.0 | 133 ch | **11.2002 > 02.2005** |
| | 136 ch | 11.2002 > 01.2015 |
| ESPACE (2002-) (JK0/1_) - 2.0 Turbo | 163 ch | 11.2002 > |
| ESPACE (2002-) (JK0/1_) - 2.0 | 170 ch | 04.2005 > |
| GRAND SCÉNIC (04-10) (JM0/1_) - 2.0 | 135 ch | 04.2004 > 06.2009 |
| | 163 ch | 04.2004 > 06.2009 |
| LAGUNA (94-01) (B56_, 556_) - 1.8 16V | 120 ch | 04.1998 > 03.2001 |
| LAGUNA (94-01) (B56_, 556_) - 2.0 | 140 ch | 06.1995 > 02.2001 |
| | 139 ch | 09.1999 > 02.2001 |
| LAGUNA (94-01) (B56_, 556_) - 2.0 16V | 140 ch | 09.1999 > 03.2001 |
| LAGUNA (95-01) Nevada (K56_) - 1.8 16V | 120 ch | 04.1998 > 03.2001 |
| LAGUNA (95-01) Nevada (K56_) - 2.0 16V | 139 ch | 09.1995 > 03.2001 |
| | 140 ch | 09.1999 > 03.2001 |
| LAGUNA (01-07) (BG0/1_) - 1.8 16V | 116 ch | 03.2001 > 12.2007 |
| | 117 ch | 03.2001 > 05.2005 |
| | 120 ch | 03.2001 > 09.2007 |
| | 121 ch | 03.2001 > 05.2005 |
| LAGUNA (01-07) (BG0/1_) - 2.0 16V | 133 ch | 08.2002 > 12.2006 |
| | 135 ch | 08.2002 > 12.2007 |
| LAGUNA (01-07) (BG0/1_) - 2.0 16V IDE | 140 ch | 04.2001 > 09.2007 |
| LAGUNA (01-07) (BG0/1_) - 2.0 16V Turbo | 163 ch | 01.2003 > 03.2005 |
| LAGUNA (01-07) (BG0/1_) - 2.0 16V | 170 ch | 01.2005 > 09.2007 |
| | 204 ch | 01.2005 > 09.2007 |
| LAGUNA (01-07) Grandtour (KG0/1_) - 1.8 16V | 116 ch | 03.2001 > 05.2005 |
| | 117 ch | 03.2001 > 05.2005 |
| | 120 ch | 03.2001 > 05.2005 |
| | 121 ch | 03.2001 > 05.2005 |
| LAGUNA (01-07) Grandtour (KG0/1_) - 2.0 16V | 133 ch | 10.2004 > 09.2007 |
| | 135 ch | 08.2002 > 12.2007 |
| LAGUNA (01-07) Grandtour (KG0/1_) - 2.0 16V IDE | 140 ch | 04.2001 > 09.2007 |
| LAGUNA (01-07) Grandtour (KG0/1_) - 2.0 16V Turbo | 163 ch | 01.2003 > 08.2005 |
| LAGUNA (01-07) Grandtour (KG0/1_) - 2.0 16V | 170 ch | 01.2005 > 09.2007 |
| | 204 ch | 01.2005 > 09.2007 |
| LAGUNA (01-07) Grandtour (KG0/1_) - 1.9 dCi | 100 ch | 10.2001 > 05.2005 |
| LAGUNA (01-07) Grandtour (KG0/1_) - 1.9 dCI | 105 ch | 06.2001 > 05.2005 |
| LAGUNA (2007-) (BT0/1) - 2.0 16V Turbo | 170 ch | 10.2007 > 12.2015 |
| LAGUNA (2007-) (BT0/1) - 2.0 GT | 204 ch | 03.2008 > 12.2015 |
| LAGUNA (2007-) Grandtour (KT0/1) - 2.0 16V Turbo | 170 ch | 10.2007 > 12.2015 |
| LAGUNA (2007-) Grandtour (KT0/1) - 2.0 GT | 204 ch | 03.2008 > 12.2015 |
| LAGUNA (2007-) Coupe (DT0/1) - 2.0 16V Turbo | 170 ch | 09.2008 > 12.2015 |
| LAGUNA (2007-) Coupe (DT0/1) - 2.0 GT | 204 ch | 09.2008 > 12.2015 |
| MEGANE (95-02) (BA0/1_) - 1.8 16V | 115 ch | 01.2001 > 08.2003 |
| MEGANE (95-02) (BA0/1_) - 2.0 16V | 147 ch | 07.1996 > 08.2003 |
| MEGANE (95-02) (BA0/1_) - 1.9 dCi | 102 ch | 02.2001 > 08.2003 |
| MEGANE (95-03) Coupé (DA0/1_) - 2.0 16V | 139 ch | 01.2002 > 08.2003 |
| MEGANE (95-03) Coupé (DA0/1_) - 2.0 16V IDE | 140 ch | 11.1999 > 08.2003 |
| MEGANE (95-03) Coupé (DA0/1_) - 2.0 16V | 147 ch | 03.1996 > 11.1999 |

| RENAULT | | |
|---|---|---|
| MEGANE (95-02) Classic (LA0/1_) - 1.8 16V | 115 ch | 01.2001 > 08.2003 |
| MEGANE (95-02) Classic (LA0/1_) - 2.0 | 115 ch | 05.1998 > 05.2001 |
| MEGANE (95-02) Classic (LA0/1_) - 2.0 RT | 140 ch | 03.2001 > 08.2003 |
| MEGANE (95-02) Cabriolet (EA0/1_) - 2.0 16V | 139 ch | 01.2002 > 08.2003 |
| MEGANE (95-02) Cabriolet (EA0/1_) - 2.0 16V IDE | 140 ch | 11.1999 > 08.2003 |
| MEGANE (95-02) Break (KA0/1_) - 1.8 16V | 115 ch | 01.2001 > 08.2003 |
| MEGANE (02-08) (BM0/1_, CM0/1_) - 2.0 16V | 135 ch | 11.2002 > 02.2008 |
| MEGANE (02-08) (BM0/1_, CM0/1_) - 2.0 16V Turbo | 163 ch | 05.2004 > 02.2008 |
| MEGANE (02-08) (BM0/1_, CM0/1_) - 2.0 | 230 ch | 08.2006 > 02.2008 |
| MEGANE (02-08) (BM0/1_, CM0/1_) - 2.0 Renault Sport | 224 ch | 05.2004 > 10.2009 |
| MEGANE (02-08) 3 volumes (LM0/1_) - 2.0 | 135 ch | 09.2003 > |
| | 138 ch | 04.2006 > 11.2010 |
| MEGANE (02-08) Break (KM0/1_) - 2.0 | 135 ch | 08.2003 > 07.2009 |
| MEGANE (02-08) CC (EM0/1_) - 2.0 | 135 ch | 09.2003 > 12.2009 |
| MEGANE (02-08) CC (EM0/1_) - 2.0 16V Turbo | 163 ch | 05.2004 > 03.2009 |
| MEGANE (08-16) 3/5 portes (BZ0_) - 2.0 TCe | 180 ch | 11.2008 > 08.2015 |
| | 190 ch | 06.2012 > 08.2015 |
| MEGANE (08-16) 3/5 portes (BZ0_) - 2.0 TCe 220 | 220 ch | 11.2013 > 01.2016 |
| MEGANE (08-16) Coupe (DZ0/1_) - 2.0 TCe | 180 ch | 11.2008 > 08.2015 |
| | 190 ch | 06.2012 > 08.2015 |
| MEGANE (08-16) Coupe (DZ0/1_) - 2.0 TCe 220 | 220 ch | 11.2013 > 08.2015 |
| MEGANE (08-16) Coupe (DZ0/1_) - 2.0 TCe | 250 ch | 05.2009 > 08.2015 |
| MEGANE (08-16) Coupe (DZ0/1_) - 2.0 R.S. | 265 ch | 11.2008 > 09.2016 |
| | 273 ch | 07.2014 > 09.2016 |
| MEGANE (08-16) Break (KZ0/1) - 2.0 TCe | 180 ch | 11.2008 > 08.2015 |
| | 190 ch | 09.2012 > 08.2015 |
| | 220 ch | 09.2012 > 01.2016 |
| MEGANE (2010-) CC (EZ0/1_) - 2.0 TCe | 180 ch | 06.2010 > 08.2015 |
| SCÉNIC (99-03) (JA0/1_) - 1.8 16V | 115 ch | 01.2001 > 08.2003 |
| SCÉNIC (99-03) (JA0/1_) - 1.8 4x4 | 116 ch | 07.2000 > 04.2001 |
| SCÉNIC (99-03) (JA0/1_) - 2.0 16V RX4 | 139 ch | 06.2000 > 08.2003 |
| SCÉNIC (99-03) (JA0/1_) - 2.0 16V | 139 ch | 07.2000 > 08.2003 |
| | 140 ch | 09.1999 > 08.2003 |
| SCÉNIC (03-09) (JM0/1_) - 2.0 | 135 ch | 06.2003 > 06.2009 |
| | 138 ch | 02.2008 > 04.2009 |
| SCÉNIC (03-09) (JM0/1_) - 2.0 16V Turbo | 163 ch | 05.2004 > 11.2008 |
| VEL SATIS (BJ0_) - 2.0 Turbo | 147 ch | 04.2005 > |
| VEL SATIS (BJ0_) - 2.0 16V Turbo | 163 ch | 06.2002 > 08.2009 |
| VEL SATIS (BJ0_) - 2.0 16 V Turbo | 170 ch | 04.2004 > |
| Megane I Kombi van (KA_) - 1.8 | 116 ch | 04.2001 > 07.2003 |
| TRAFIC II Fourgon (FL) - 2.0 16V | 117 ch | 08.2006 > |
| TRAFIC II Fourgon (FL) - 2.0 | 120 ch | 03.2001 > |
| TRAFIC II Fourgon (FL) - 1.9 dCi 100 | 101 ch | 03.2001 > 10.2006 |
| TRAFIC II Camion plate-forme/Châssis (EL) - 2.0 16V | 117 ch | 08.2006 > |
| TRAFIC II Camion plate-forme/Châssis (EL) - 2.0 | 120 ch | 03.2001 > 10.2006 |
| TRAFIC II Camion plate-forme/Châssis (EL) - 1.9 dCi 100 | 101 ch | 03.2001 > 10.2006 |
| TRAFIC II Autobus/Autocar (JL) - 2.0 16V | 117 ch | 08.2006 > |
| TRAFIC II Autobus/Autocar (JL) - 2.0 | 120 ch | 03.2001 > |
| TRAFIC II Autobus/Autocar (JL) - 1.9 dCI 100 | 101 ch | 03.2001 > 10.2006 |

| SAAB | | |
|---|---|---|
| 9-3 (2002-) (YS3F) - 1.9 TiD | 120 ch | 09.2004 > 02.2015 |

| SAAB | | |
|---|---|---|
| | 150 ch | 09.2004 > 02.2015 |
| 9-3 (2002-) (YS3F) - 1.9 TTiD | 180 ch | 12.2007 > 02.2015 |
| 9-3 (2002-) Cabriolet (YS3F) - 1.9 TiD | 120 ch | 09.2004 > 02.2015 |
| | 150 ch | 01.2006 > 02.2015 |
| 9-3 (2002-) Cabriolet (YS3F) - 1.9 TTiD | 180 ch | 12.2007 > 02.2015 |
| 9-3 (2005-) Break - 1.9 TiD | 120 ch | 03.2005 > 02.2015 |
| | 150 ch | 03.2005 > 02.2015 |
| 9-3 (2005-) Break - 1.9 TTiD | 180 ch | 12.2007 > 02.2015 |
| 9-5 (97-10) (YS3E) - 1.9 TiD | 150 ch | 01.2006 > 12.2009 |
| 9-5 (98-10) Break (YS3E) - 1.9 TiD | 150 ch | 01.2006 > 12.2009 |

| VAUXHALL | | |
|---|---|---|
| VIVARO A Autobus/Autocar (X83) - 1.9 DTI | 101 ch | 08.2001 > 12.2006 |