

Where Used: Part Number 420938810

| Model Name | Diagram |
|-----------------------------------|---|
| 3D RFI, 2004 | 01- Crankcase And Rotary Valve |
| 3D RFI, 2004; | 01- Carter Et Valve Rotative |
| 3D RFI, 2005 | 01- Crankcase And Rotary Valve |
| 3D RFI, 2005; | 01- Carter Et Valve Rotative |
| Challenger 1800, 5611/5616, 1998 | 01- Crankcase, Rotary Valve |
| Challenger 1800, 5611/5616, 1998; | 01- Carter, Valve Rotative |
| Challenger 1800, 5675/5679, 1999 | 01- Crankcase, Rotary Valve |
| Challenger 1800, 5675/5679, 1999; | 01- Carter, Valve Rotative |
| Challenger, 5612, 1998 | 01- Crankcase, Rotary Valve |
| Challenger, 5612, 1998; | 01- Carter, Valve Rotative |
| Challenger, 5672, 2000 | 01- Crankcase, Rotary Valve |
| Challenger, 5672, 2000; | 01- Carter, Valve Rotative |
| Challenger, 5699, 2001 | 01- Crankcase, Rotary Valve |
| Challenger, 5699, 2001; | 01- Carter, Valve Rotative |
| Explorer, 5455, 2002 | 01- Crankcase, Rotary Valve |
| Explorer, 5455, 2002; | 01- Carter, Valve Rotative |
| Formula 500 Deluxe, 1997 | 01- Crankcase, Rotary Valve, Water Pump (494) |
| Formula 500 Deluxe, 1997 | 01- Crankcase, Rotary Valve, Water Pump |
| Formula 500 Deluxe, 1997; | 01- Carter, Valve Rotative, Pompe A Eau (494) |
| Formula 500 Deluxe, 1997; | 01- Carter, Valve Rotative, Pompe A Eau |
| Formula 500 Deluxe, 1998 | 01- Crankcase, Rotary Valve, Water Pump (494) |
| Formula 500 Deluxe, 1998 | 01- Crankcase, Rotary Valve, Water Pump (583) |
| Formula 500 Deluxe, 1998; | 01- Carter, Valve Rotative, Pompe A Eau (494) |
| Formula 500 Deluxe, 1998; | 01- Carter, Valve Rotative, Pompe A Eau (583) |
| Formula 500 LC, 2000 | 01- Crankcase, Rotary Valve, Water Pump |
| Formula 500 LC, 2000; | 01- Carter, Valve Rotative, Pompe A Eau |

| | |
|--------------------------------------|--|
| Formula 500, 1997 | 01- Crankcase, Rotary Valve, Water Pump (494) |
| Formula 500, 1997 | 01- Crankcase, Rotary Valve, Water Pump |
| Formula 500, 1997; | 01- Carter, Valve Rotative, Pompe A Eau (494) |
| Formula 500, 1997; | 01- Carter, Valve Rotative, Pompe A Eau |
| Formula 500, 1998 | 01- Crankcase, Rotary Valve, Water Pump (494) |
| Formula 500, 1998 | 01- Crankcase, Rotary Valve, Water Pump (583) |
| Formula 500, 1998; | 01- Carter, Valve Rotative, Pompe A Eau (494) |
| Formula 500, 1998; | 01- Carter, Valve Rotative, Pompe A Eau (583) |
| Formula 583 Deluxe, 1998 | 01- Crankcase, Rotary Valve, Water Pump (494) |
| Formula 583 Deluxe, 1998 | 01- Crankcase, Rotary Valve, Water Pump (583) |
| Formula 583 Deluxe, 1998; | 01- Carter, Valve Rotative, Pompe A Eau (494) |
| Formula 583 Deluxe, 1998; | 01- Carter, Valve Rotative, Pompe A Eau (583) |
| Formula 583, 1997 | 01- Crankcase, Rotary Valve, Water Pump (494) |
| Formula 583, 1997 | 01- Crankcase, Rotary Valve, Water Pump |
| Formula 583, 1997; | 01- Carter, Valve Rotative, Pompe A Eau (494) |
| Formula 583, 1997; | 01- Carter, Valve Rotative, Pompe A Eau |
| Formula Deluxe 500 LC, 2000 | 01- Crankcase, Rotary Valve, Water Pump |
| Formula Deluxe 500 LC, 2000; | 01- Carter, Valve Rotative, Pompe A Eau |
| Formula Deluxe 500 LC/583/670, 1999 | 01- Crankcase, Rotary Valve, Water Pump (494,670) |
| Formula Deluxe 500 LC/583/670, 1999 | 01- Crankcase, Rotary Valve, Water Pump (583) |
| Formula Deluxe 500 LC/583/670, 1999; | 01- Carter, Valve Rotative, Pompe A Eau (494, 670) |
| Formula Deluxe 500 LC/583/670, 1999; | 01- Carter, Valve Rotative, Pompe A Eau (583) |
| Formula SLS, 1996 | 01- Crankcase (494) |
| Formula SLS, 1996; | 01- Carter (494) |
| Formula SS, 1996 | 01- Crankcase (670) |
| Formula SS, 1996; | 01- Carter (670) |
| Formula STX LT(2), 1996 | 01- Crankcase |
| Formula STX LT(2), 1996; | 01- Carter |
| Formula STX, 1996 | 01- Crankcase |
| Formula STX, 1996; | 01- Carter |
| Formula Z 500/583/670, 1999 | 01- Crankcase, Rotary Valve, Water Pump (494, 670) |
| Formula Z 500/583/670, 1999 | 01- Crankcase, Rotary Valve, Water Pump (583) |
| Formula Z 500/583/670, 1999; | 01- Carter, Valve Rotative, Pompe A Eau (494, 670) |
| Formula Z 500/583/670, 1999; | 01- Carter, Valve Rotative, Pompe A Eau (583) |
| Formula Z 583, 1998 | 01- Crankcase, Rotary Valve, Water Pump (494) |

| | |
|------------------------------|---|
| Formula Z 583, 1998 | 01- Crankcase, Rotary Valve, Water Pump (583) |
| Formula Z 583, 1998; | 01- Carter, Valve Rotative, Pompe A Eau (494) |
| Formula Z 583, 1998; | 01- Carter, Valve Rotative, Pompe A Eau (583) |
| Formula Z 670, 1998 | 01- Crankcase, Rotary Valve, Water Pump |
| Formula Z 670, 1998; | 01- Carter, Valve Rotative, Pompe A Eau |
| Formula Z, 1996 | 01- Crankcase (583) |
| Formula Z, 1996; | 01- Carter (583) |
| Formula Z, 1997 | 01- Crankcase, Rotary Valve, Water Pump (494) |
| Formula Z, 1997 | 01- Crankcase, Rotary Valve, Water Pump |
| Formula Z, 1997; | 01- Carter, Valve Rotative, Pompe A Eau (494) |
| Formula Z, 1997; | 01- Carter, Valve Rotative, Pompe A Eau |
| Grand Touring 500, 1996 | 01- Crankcase (500) |
| Grand Touring 500, 1996; | 01- Carter (500) |
| Grand Touring 500/583, 1997 | 01- Crankcase, Rotary Valve, Water Pump (494) |
| Grand Touring 500/583, 1997 | 01- Crankcase, Rotary Valve, Water Pump (583) |
| Grand Touring 500/583, 1997; | 01- Carter, Valve Rotative, Pompe A Eau (494) |
| Grand Touring 500/583, 1997; | 01- Carter, Valve Rotative, Pompe A Eau (583) |
| Grand Touring 500/583, 1998 | 01- Crankcase, Rotary Valve, Water Pump (494) |
| Grand Touring 500/583, 1998 | 01- Crankcase, Rotary Valve, Water Pump (583) |
| Grand Touring 500/583, 1998; | 01- Carter, Valve Rotative, Pompe A Eau (494) |
| Grand Touring 500/583, 1998; | 01- Carter, Valve Rotative, Pompe A Eau (583) |
| Grand Touring 500/583, 1999 | 01- Crankcase, Rotary Valve, Water Pump (494) |
| Grand Touring 500/583, 1999 | 01- Crankcase, Rotary Valve, Water Pump (583) |
| Grand Touring 500/583, 1999; | 01- Carter, Valve Rotative, Pompe A Eau (494) |
| Grand Touring 500/583, 1999; | 01- Carter, Valve Rotative, Pompe A Eau (583) |
| Grand Touring 580, 1996 | 01- Crankcase (580) |
| Grand Touring 580, 1996; | 01- Carter (580) |
| Grand Touring 670SE, 1996 | 01- Crankcase (670SE) |
| Grand Touring 670SE, 1996; | 01- Carter (670SE) |
| GS, 5518/5519, 2001 | 01- Crankcase, Rotary Valve |
| GS, 5518/5519, 2001; | 01- Carter, Valve Rotative |
| GS, 5548, 2001 | 01- Crankcase, Rotary Valve |
| GS, 5548, 2001; | 01- Carter, Valve Rotative |
| GS, 5626/5844, 1998 | 01- Crankcase, Rotary Valve |
| GS, 5626/5844, 1998; | 01- Carter, Valve Rotative |

| | |
|-------------------------------------|--------------------------------|
| GS, 5644/5827, 2000 | 01- Crankcase, Rotary Valve |
| GS, 5644/5827, 2000; | 01- Carter, Valve Rotative |
| GS, 5846/5847, 1999 | 01- Crankcase, Rotary Valve |
| GS, 5846/5847, 1999; | 01- Carter, Valve Rotative |
| GSX RFI, 5549, 2001 | 01- Crankcase, Rotary Valve |
| GSX RFI, 5549, 2001; | 01- Carter, Valve Rotative |
| GSX RFI, 5637/5638/5652/5829, 1999 | 01- Crankcase, Rotary Valve |
| GSX RFI, 5637/5638/5652/5829, 1999; | 01- Carter, Valve Rotative |
| GSX RFI, 5645/5654, 2000 | 01- Crankcase, Rotary Valve |
| GSX RFI, 5645/5654, 2000; | 01- Carter, Valve Rotative |
| GTI LE RFI, 2004 | 01- Crankcase And Rotary Valve |
| GTI LE RFI, 2004; | 01- Carter et Valve Rotative |
| GTI LE RFI, 2005 | 01- Crankcase And Rotary Valve |
| GTI LE RFI, 2005; | 01- Carter Et Valve Rotative |
| GTI LE RFI, 6103/6104, 2003 | 01- Crankcase And Rotary Valve |
| GTI LE RFI, 6103/6104, 2003; | 01- Carter Et Valve Rotative |
| GTI LE, 2003 | 01- Crankcase, Rotary Valve |
| GTI LE, 2003; | 01- Carter, Valve Rotative |
| GTI LE, 2004 | 01- Crankcase, Rotary Valve |
| GTI LE, 2004; | 01- Carter, Valve Rotative |
| GTI LE, 5560/5561/6117, 2002 | 01- Crankcase, Rotary Valve |
| GTI LE, 5560/5561/6117, 2002; | 01- Carter, Valve Rotative |
| GTI RFI STD, 2005 | 01- Crankcase And Rotary Valve |
| GTI RFI STD, 2005; | 01- Carter Et Valve Rotative |
| GTI RFI, 2004 | 01- Crankcase And Rotary Valve |
| GTI RFI, 2004; | 01- Carter et Valve Rotative |
| GTI, 2003 | 01- Crankcase, Rotary Valve |
| GTI, 2003; | 01- Carter, Valve Rotative |
| GTI, 2004 | 01- Crankcase, Rotary Valve |
| GTI, 2004; | 01- Carter, Valve Rotative |
| GTI, 2005 | 01- Crankcase And Rotary Valve |
| GTI, 2005; | 01- Carter Et Valve Rotative |
| GTI, 5522/5523, 2001 | 01- Crankcase, Rotary Valve |
| GTI, 5522/5523, 2001; | 01- Carter, Valve Rotative |
| GTI, 5552, 2001 | 01- Crankcase, Rotary Valve |

| | |
|-------------------------------------|---|
| GTI, 5552, 2001; | 01- Carter, Valve Rotative |
| GTI, 5558/5559/6116, 2002 | 01- Crankcase, Rotary Valve |
| GTI, 5558/5559/6116, 2002; | 01- Carter, Valve Rotative |
| GTI, 5647/5657, 2000 | 01- Crankcase, Rotary Valve |
| GTI, 5647/5657, 2000; | 01- Carter, Valve Rotative |
| GTI, 5836/5841, 1998 | 01- Crankcase, Rotary Valve |
| GTI, 5836/5841, 1998; | 01- Carter, Valve Rotative |
| GTI, 5884/5885, 1999 | 01- Crankcase, Rotary Valve |
| GTI, 5884/5885, 1999; | 01- Carter, Valve Rotative |
| GTS, 5520/5521, 2001 | 01- Crankcase, Rotary Valve |
| GTS, 5520/5521, 2001; | 01- Carter, Valve Rotative |
| GTS, 5551, 2001 | 01- Crankcase, Rotary Valve |
| GTS, 5551, 2001; | 01- Carter, Valve Rotative |
| GTS, 5639, 2000 | 01- Crankcase, Rotary Valve |
| GTS, 5639, 2000; | 01- Carter, Valve Rotative |
| GTS, 5819, 1998 | 01- Crankcase, Rotary Valve |
| GTS, 5819, 1998; | 01- Carter, Valve Rotative |
| GTS, 5883, 1999 | 01- Crankcase, Rotary Valve |
| GTS, 5883, 1999; | 01- Carter, Valve Rotative |
| GTX RFI, 5524/5525/5553/5555, 2001 | 01- Crankcase And Rotary Valve |
| GTX RFI, 5524/5525/5553/5555, 2001; | 01- Carter Et Valve Rotative |
| GTX RFI, 5566/5565, 2002 | 01- Crankcase And Rotary Valve |
| GTX RFI, 5566/5565, 2002; | 01- Carter Et Valve Rotative |
| GTX RFI, 5648/5658/5515/5516, 2000 | 01- Crankcase, Rotary Valve |
| GTX RFI, 5648/5658/5515/5516, 2000; | 01- Carter, Valve Rotative |
| GTX RFI, 5666/5843, 1998 | 01- Crankcase, Rotary Valve |
| GTX RFI, 5666/5843, 1998; | 01- Carter, Valve Rotative |
| GTX RFI, 5886/5887, 1999 | 01- Crankcase, Rotary Valve |
| GTX RFI, 5886/5887, 1999; | 01- Carter, Valve Rotative |
| Mach 1, 1996 | 01- Crankcase (670) |
| Mach 1, 1996; | 01- Carter (670) |
| MX Z 440 F/Z 583/Z 670 1997 | 01- Crankcase, Rotary Valve, Water Pump (583) |
| MX Z 440 F/Z 583/Z 670 1997 | 01- Crankcase, Rotary Valve, Water Pump (670) |
| MX Z 440 F/Z 583/Z 670 1997; | 01- Carter, Valve Rotative, Pompe A Eau (583) |
| MX Z 440 F/Z 583/Z 670 1997; | 01- Carter, Valve Rotative, Pompe A Eau (670) |

| | |
|---------------------------------|---|
| MX Z 440 LC, 1997 | 01- Crankcase, Rotary Valve, Water Pump |
| MX Z 440 LC, 1997; | 01- Carter, Valve Rotative, Pompe A Eau |
| MX Z 440, 1996 | 01- Crankcase (440) |
| MX Z 440, 1996; | 01- Carter (440) |
| MX Z 500/583/670, 1998 | 01- Crankcase, Rotary Valve, Water Pump (494) |
| MX Z 500/583/670, 1998 | 01- Crankcase, Rotary Valve, Water Pump (583) |
| MX Z 500/583/670, 1998 | 01- Crankcase, Rotary Valve, Water Pump (670) |
| MX Z 500/583/670, 1998; | 01- Carter, Valve Rotative, Pompe A Eau (494) |
| MX Z 500/583/670, 1998; | 01- Carter, Valve Rotative, Pompe A Eau (583) |
| MX Z 500/583/670, 1998; | 01- Carter, Valve Rotative, Pompe A Eau (670) |
| MX Z 500/670 HO, 1999 | 01- Crankcase, Rotary Valve, Water Pump |
| MX Z 500/670 HO, 1999; | 01- Carter, Valve Rotative, Pompe A Eau |
| MX Z 583, 1996 | 01- Crankcase (583) |
| MX Z 583, 1996; | 01- Carter (583) |
| MX Z 670 HO T.H., 1999 | 01- Crankcase, Rotary Valve, Water Pump |
| MX Z 670 HO T.H., 1999; | 01- Carter, Valve Rotative, Pompe A Eau |
| MX Z 670, 1996 | 01- Crankcase |
| MX Z 670, 1996; | 01- Carter |
| MX Z X 400 LC, 1998 | 01- Crankcase, Rotary Valve, Water Pump |
| MX Z X 400 LC, 1998; | 01- Carter, Valve Rotative, Pompe A Eau |
| MX Z X 440 LC, 1997 | 01- Crankcase, Rotary Valve, Water Pump |
| MX Z X 440 LC, 1997; | 01- Carter, Valve Rotative, Pompe A Eau |
| Skandic Super Wide Track, 1997 | 01- Crankcase, Rotary Valve, Water Pump (494) |
| Skandic Super Wide Track, 1997; | 01- Carter, Valve Rotative, Pompe A Eau (494) |
| Skandic Super Wide Track, 1998 | 01- Crankcase, Rotary Valve, Water Pump (494) |
| Skandic Super Wide Track, 1998; | 01- Carter, Valve Rotative, Pompe A Eau (494) |
| Skandic Super Wide Track, 1999 | 01- Crankcase, Rotary Valve, Water Pump (494) |
| Skandic Super Wide Track, 1999; | 01- Carter, Valve Rotative, Pompe A Eau (494) |
| Skandic Super Wide Track, 2000 | 01- Crankcase, Rotary Valve, Water Pump (494) |
| Skandic Super Wide Track, 2000; | 01- Carter, Valve Rotative, Pompe A Eau (494) |
| Skandic Wide Track LC, 1997 | 01- Crankcase, Rotary Valve, Water Pump (494) |
| Skandic Wide Track LC, 1997; | 01- Carter, Valve Rotative, Pompe A Eau (494) |
| Skandic Wide Track LC, 1998 | 01- Crankcase, Rotary Valve, Water Pump (494) |
| Skandic Wide Track LC, 1998; | 01- Carter, Valve Rotative, Pompe A Eau (494) |
| Skandic Wide Track LC, 1999 | 01- Crankcase, Rotary Valve, Water Pump (494) |

| | |
|----------------------------------|--|
| Skandic Wide Track LC, 1999; | 01- Carter, Valve Rotative, Pompe A Eau (494) |
| Skandic Wide Track LC, 2000 | 01- Crankcase, Rotary Valve, Water Pump (494) |
| Skandic Wide Track LC, 2000; | 01- Carter, Valve Rotative, Pompe A Eau (494) |
| Skandic Wide Track, 1998 | 01- Crankcase, Rotary Valve, Water Pump (494) |
| Skandic Wide Track, 1998; | 01- Carter, Valve Rotative, Pompe A Eau (494) |
| Skandic Wide Track, 1999 | 01- Crankcase, Rotary Valve, Water Pump (494) |
| Skandic Wide Track, 1999; | 01- Carter, Valve Rotative, Pompe A Eau (494) |
| Skandic Wide Track, 2000 | 01- Crankcase, Rotary Valve, Water Pump (494) |
| Skandic Wide Track, 2000; | 01- Carter, Valve Rotative, Pompe A Eau (494) |
| Speedster SK, 5677/5681, 1999 | 01- Crankcase, Rotary Valve |
| Speedster SK, 5677/5681, 1999; | 01- Carter, Valve Rotative |
| Speedster, 5615, 1998 | 01- Crankcase, Rotary Valve |
| Speedster, 5615, 1998; | 01- Carter, Valve Rotative |
| Speedster, 5678, 1999 | 01- Crankcase, Rotary Valve |
| Speedster, 5678, 1999; | 01- Carter, Valve Rotative |
| Sportster 1800, 5613/5618, 1998 | 01- Crankcase, Rotary Valve |
| Sportster 1800, 5613/5618, 1998; | 01- Carter, Valve Rotative |
| Sportster 1800, 5676/5680, 1999 | 01- Crankcase, Rotary Valve |
| Sportster 1800, 5676/5680, 1999; | 01- Carter, Valve Rotative |
| Sportster LT, 5493, 2002 | 01- Crankcase, Rotary Valve |
| Sportster LT, 5493, 2002; | 01- Carter, Valve Rotative |
| Sportster, 5673, 2000 | 01- Crankcase, Rotary Valve |
| Sportster, 5673, 2000; | 01- Carter, Valve Rotative |
| SPX, 5636/5828, 1999 | 01- Crankcase, Rotary Valve (787) |
| SPX, 5636/5828, 1999; | 01- Carter, Valve Rotative (787) |
| Summit 500, 1996 | 01- Crankcase (500) |
| Summit 500, 1996; | 01- Carter (500) |
| Summit 500/583/670, 1997 | 01- Crankcase, Rotary Valve, Water Pump (494, 670) |
| Summit 500/583/670, 1997 | 01- Crankcase, Rotary Valve, Water Pump (583) |
| Summit 500/583/670, 1997; | 01- Carter, Valve Rotative, Pompe A Eau (494, 670) |
| Summit 500/583/670, 1997; | 01- Carter, Valve Rotative, Pompe A Eau (583) |
| Summit 500/583/670, 1998 | 01- Crankcase, Rotary Valve, Water Pump (494, 670) |
| Summit 500/583/670, 1998 | 01- Crankcase, Rotary Valve, Water Pump (583) |
| Summit 500/583/670, 1998; | 01- Carter, Valve Rotative, Pompe A Eau (494, 670) |
| Summit 500/583/670, 1998; | 01- Carter, Valve Rotative, Pompe A Eau (583) |

| | |
|-------------------------|---|
| Summit 500/X 670, 1999 | 01- Crankcase, Rotary Valve, Water Pump |
| Summit 500/X 670, 1999; | 01- Carter, Valve Rotative, Pompe A Eau |
| Summit 583, 1996 | 01- Crankcase (583) |
| Summit 583, 1996; | 01- Carter (583) |
| Summit 670, 1996 | 01- Crankcase (670) |
| Summit 670, 1996; | 01- Carter (670) |
| Summit 670X, 1998 | 01- Crankcase, Rotary Valve, Water Pump (670) |
| Summit 670X, 1998; | 01- Carter, Valve Rotative, Pompe A Eau (670) |
| Touring 500 LC, 2000 | 01- Crankcase, Rotary Valve, Water Pump |
| Touring 500 LC, 2000; | 01- Carter, Valve Rotative, Pompe A Eau |