

Harley-Davidson Screamin' Eagle File Calibration Information
Revision for software release 4.1.2

Tuning Mode Calibration File Information

Table 1: Calibration Descriptions (With Cross Reference)

Application	CAL #	Configuration	Piston	Cam	Head	v 4.1.2		v 3.5.0	Original Cal Filename Cross Reference
						Cal ID 2005 ECM	Cal ID 2001-2004	CAL ID	
MY01-05 Softail (except FLSTSi or FLSTSCi) and MY04-05 Dyna	1	1450 SE A/C & Mufflers	Stk	Stk	Stk	127HO103	105HO103	105HO101	3287002
	2	1550 SE A/C & Mufflers	FT	Stk	Stk	127HP103	105HP103	105HP101	3287102
	3	1550 Stage II	FT	203	Stk or Perf	127HD019	105HD019	105HD012	3283401A 3286002A
	4	1550 High Output	Forged	257	Perf	127HB025	105HB025	105HB017	3286102B
	5	1690 SE Stroker Kit	Forged	258	Perf	127HK034	105HK034	105HK028	3288202A
	17	1550 HTCC	HTCC	251	HTCC	127LK010	105LK010	n.a.	n.a.
	18	1690 Super High Output w/ SE Pro 2 into 1 tunable	103+	257	103+	127LM006	105LM006	n.a.	n.a.
2004 - 2005 FLSTFSEi	19	1690 CVO w/SE Mufflers	CVO	CVO253	CVO	127MK004	105MK004	n.a.	n.a.
MY02-03 Touring	6	1450 SE A/C & Mufflers	Stk	Stk – "B"	Stk	127HM005	105HM004	105HM002	3285102
	7	1550 SE A/C & Mufflers	FT	Stk – "B"	Stk	127HN005	105HN004	105HN002	3286802
MY04-05 Touring and MY01-03 FLSTSi and MY05 FLSTSCi	8	1450 SE A/C & Mufflers	Stk	Stk – "A"	Stk	127LF004	105LF003	105LF001	3287702
	9	1550 SE A/C & Mufflers	FT	Stk – "A"	Stk	127LG004	105LG003	105LG001	3287802

Harley-Davidson Screamin' Eagle File Calibration Information
Revision for software release 4.1.2

Application	CAL #	Configuration	Piston	Cam	Head	v 4.1.2		v 3.5.0	Original Cal Filename Cross Reference
						Cal ID 2005 ECM	Cal ID 2001-2004	CAL ID	
MY02-05 Touring and MY01-03 FLSTSi And MY05 FLSTSCi	10	1550 Stage II	FT	203	Stk	127EV100	105EV100	105EV076	3285302A 3283501A
	11	1550 High Output	Forged	257	Perf	127HG018	105HG018	105HG017	3285602B
	12	1690 High Output	Forged	258	Perf	127HL026	105HL025	105HL024	3288102A
	20	1550 HTCC	HTCC	251	HTCC	127LJ011	105LJ011	n.a.	n.a.
	21	1690 Super High Output	103+	264	103+	127LL005	105LL005	n.a.	n.a.
MY03 FLHRSEi2 MY04 FLHTCSE MY05 FLHTCSE2	13	1690 CVO SE A/C & Mufflers	CVO	CVO253	CVO	127HX022	105HX021	105HX020	3292503
MY02-05 VRSC (MY02 requires IAT relocation kit)	14	HDI w/ SE A/C & Slip-fit Mufflers	Stk	Stk	Stk	127NG002	105NG002	105GQ017	3202802A
	15	SE A/C & Slip-fit Mufflers	Stk	Stk	Stk	127NE002	105NE002	105GY001	3200802
	16	SE A/C & 16 Gauge Double Barrel Mufflers	Stk	Stk	Stk	127NF002	105NF002	105LS001	3260702
VRSC E	22	CVO 1250CC SE A/C & Slip-fit Mufflers	CVO	CVO	CVO	127XP001	n.a.	n.a.	n.a.

SE = Screamin' Eagle

CVO = Custom Vehicle Operations

Stk = Stock Component

FT = Flat Top Pistons

Perf = SE Performance Heads

203, 257, etc. = Screamin' Eagle Cam Profile

Notes:

- All calibrations developed for Screamin' Eagle Air Cleaner and Mufflers
- All V-Rod calibrations listed can be run with or without the airbox lid
- Level 127xxxx-xx.MT5 cals are for 2005 and later ECM

Harley-Davidson Screamin' Eagle File Calibration Information
Revision for software release 4.1.2

Calibration #1: 2001 – 2004 Softail and 2004 – 2005 Dyna (Except FLSTSi or FLSTSi)

Configuration: 1450 SE A/C & Mufflers

File Name: 105HO103-C1.MT5, 127HO103-A1.MT5

Components:

- SE Air Cleaner and Breather Kit P/N 29440-99B
- SE II Slip-Fit Mufflers P/N 80349-00A or 80258-99A

Calibration #2: 2001 – 2004 Softail and 2004 – 2005 Dyna (Except FLSTSi or FLSTSi)

Configuration: 1550 SE A/C & Mufflers

File Name: 105HP103-C1.MT5, 127HP103-A1.MT5

Components:

- SE Air Cleaner and Breather Kit P/N 29440-99B
- SE 1550 Big Bore Cylinders P/N 16546-99 or 16549-99
- SE 1550 Flat Top Pistons P/N 22851-99A
- SE II Slip-Fit Mufflers P/N 80349-00A or 80258-99A

Calibration #3: 2001 – 2004 Softail and 2004 – 2005 Dyna (Except FLSTSi or FLSTSi)

Configuration: 1550 Stage 2 with or without Performance Heads

File Name: 105HD019-C1.MT5, 127HD019-A1.MT5

Components:

- SE Air Cleaner and Breather Kit P/N 29440-99B
- SE 1550 Big Bore Cylinders P/N 16546-99 or 16549-99
- SE 1550 Flat Top Pistons P/N 22851-99A
- SE Performance Heads P/N 16952-99A or 16953-99A (or Stock Heads)
- SE 203 Cams P/N 25937-99B
- SE II Slip-Fit Mufflers P/N 80349-00A or 80258-99A

Harley-Davidson Screamin' Eagle File Calibration Information
Revision for software release 4.1.2

Calibration #4: 2001 – 2004 Softail and 2004 – 2005 Dyna (Except FLSTSi or FLSTSi)

Configuration: 1550 High Output

File Name: 105HB025-C1.MT5, 127HB025-A1.MT5

Components:

- SE Air Cleaner and Breather Kit P/N 29440-99B
- SE 1550 Big Bore Cylinders P/N 16546-99 or 16549-99
- SE High-Compression Forged Pistons P/N 22868-00
- SE Performance Heads P/N 16952-99A or 16953-99A
- SE 257 Cam P/N 25155-00
- SE II Slip-Fit Mufflers P/N 80349-00A or 80258-99A

Calibration #5: 2001 – 2004 Softail and 2004 – 2005 Dyna (Except FLSTSi or FLSTSi)

Configuration: 1690 Stroker High Output

File Name: 105HK034-C1.MT5, 127HK034-A1.MT5

Components:

- SE 103 CI Stroker Flywheels or P/N 23600-00 or 23703-02
- SE 1550 Big Bore Cylinders P/N 16546-99 or 16549-99
- SE Stroker Forged Pistons P/N 22942-00
- SE 258 Cam P/N 25137-00
- SE Air Cleaner P/N 29440-99B
- SE Performance Heads P/N 16952-99A or 16953-99A
- SE II Slip-fit Mufflers P/N 80349-00A or 80258-99A

Calibration #6: 2002 – 2003 Touring

Configuration: 1450 SE A/C & Mufflers

File Name: 105HM004-C1.MT5, 127HM005-A1.MT5

Components:

- SE Air Cleaner and Breather Kit P/N 29440-99B
- SE Performance Touring Mufflers P/N 65115-98B

Harley-Davidson Screamin' Eagle File Calibration Information
Revision for software release 4.1.2

Calibration #7: 2002 – 2003 Touring

Configuration: 1550 SE A/C & Mufflers

File Name: 105HN004-C1.MT5, 127HN005-A1.MT5

Components:

- SE Air Cleaner and Breather Kit P/N 29440-99B
- SE 1550 Big Bore Cylinders P/N 16546-99 or 16549-99
- SE 1550 Flat Top Pistons P/N 22851-99A
- SE Performance Touring Mufflers P/N 65115-98B

Calibration #8: 2004 – 2005 Touring , 2001 – 2003 FLSTSi and 2005 FLSTSCi

Configuration: 1450 SE A/C and Mufflers

File Name: 105LF003-C1.MT5, 127LF004-A1.MT5

Components:

- SE Air Cleaner and Breather Kit P/N 29440-99B
- SE Performance Touring Mufflers P/N 65115-98B or 65116-98A

Calibration #9: 2004 – 2005 Touring , 2001 – 2003 FLSTSi and 2005 FLSTSCi

Configuration: 1550 SE A/C and Mufflers

File Name: 105LG003-C1.MT5, 127LG004-A1.MT5

Components:

- SE Air Cleaner and Breather Kit P/N 29440-99B
- SE 1550 Big Bore Cylinders P/N 16546-99 or 16549-99
- SE 1550 Flat Top Pistons P/N 22851-99A
- SE Performance Touring Mufflers P/N 65115-98B or 65116-98A

Harley-Davidson Screamin' Eagle File Calibration Information
Revision for software release 4.1.2

Calibration #10: 2002 – 2005 Touring, 2001 – 2003 FLSTSi and 2005 FLSTSci

Configuration: 1550 Stage 2

File Name: 105EV100-C1.MT5, 127EV100-A1.MT5

Components:

- SE Air Cleaner and Breather Kit P/N 29440-99B
- SE 1550 Big Bore Cylinders P/N 16546-99 or 16549-99
- SE 1550 Flat Top Pistons P/N 22851-99A
- SE 203 Cams P/N 25937-99B
- SE Performance Touring Mufflers P/N 65115-98B or 65116-98A

Calibration #11: 2002 – 2005 Touring, 2001 – 2003 FLSTSi and 2005 FLSTSci

Configuration: 1550 High Output

File Name: 105HG018-C1.MT5, 127HG019-A1.MT5

Components:

- SE Air Cleaner and Breather Kit P/N 29440-99B
- SE 1550 Big Bore Cylinders P/N 16546-99 or 16549-99
- SE High-Compression Forged Pistons P/N 22868-00
- SE Performance Heads P/N 16952-99A or 16953-99A
- SE 257 Cam P/N 25155-00
- SE Performance Touring Mufflers P/N 65115-98B or 65116-98A

Calibration #12: 2002 – 2005 Touring, 2001 – 2003 FLSTSi and 2005 FLSTSci

Configuration: 1690 Stroker High Output

File Name: 105HL025-C1.MT5, 127HL026-A1.MT5

Components:

- SE 103 CI Stroker Flywheels or P/N 23600-00 or 23703-02
- SE 1550 Big Bore Cylinders P/N 16546-99 or 16549-99
- SE Stroker Forged Pistons P/N 22942-00
- SE 258 Cam P/N 25137-00
- SE Air Cleaner P/N 29440-99B
- SE Performance Heads P/N 16952-99A or 16953-99A
- SE Performance Touring Mufflers P/N 65115-98B or 65116-98A

Harley-Davidson Screamin' Eagle File Calibration Information
Revision for software release 4.1.2

Calibration # 13: 2003 FLHRSEi2, 2004 FLHTCSE and 2005 FLHTCSE2

Configuration: 1690 SE A/C and Mufflers

File Name: 105HX021-C1.MT5, 127HX022-A1.MT5

Components:

- SE Air Cleaner P/N 29440-99B
- SE Slip-fit Mufflers P/N 65115-98B

Calibration # 14: 2002 – 2005 VRSC (2002 requires IAT Relocation Kit)

Configuration: HDI Slip-Fit Mufflers and SE A/C

File Name: 105NG002-C1.MT5, 127NG002-A1.MT5

Components:

- SE Performance Air Cleaner P/N 29793-02
- SE Slip-fit Muffler Kit P/N 65030-02

Calibration # 15: 2002 – 2005 VRSC (2002 requires IAT Relocation Kit)

Configuration: Domestic Slip-Fit Mufflers and SE A/C

File Name: 105NE002-C1.MT5, 127NE002-A1.MT5

Components:

- SE Performance Air Cleaner P/N 29793-02
- SE Slip-fit Muffler Kit P/N 65030-02

Calibration # 16: 2002 – 2005 VRSC (2002 requires IAT Relocation Kit)

Configuration: Domestic 16 Gauge Double Barrel Mufflers and SE A/C

File Name: 105NF002-C1.MT5, 127NF002-A1.MT5

Components:

- SE Performance Air Cleaner P/N 29793-02
- SE 16 Gauge Double Barrel Muffler Kit P/N 64798-02

Harley-Davidson Screamin' Eagle File Calibration Information

Revision for software release 4.1.2

Calibration #17: 2001 – 2004 Softail and 2004 – 2005 Dyna (Except FLSTSi or FLSTSi)

Configuration: 1550 HTCC, SE A/C & Mufflers

File Name: 105LK010-C1.MT5, 127LK010-A1.MT5

Components:

- HTCC head kit (black 16933-99A or silver 16926-99A)
- HTCC 1550 piston kit #22439-00A
- Big bore cylinder kit (black 16546-99 or silver 16549-99)
- SE 251 cam kit #25121-03
- SE exhaust (any SEII or SEII Pro mufflers that fit Softails and Dynas)
- Air cleaner kit #29440-99B
- HTCC intake manifold kit #29608-02

Calibration #18: 2001 – 2004 Softail and 2004 – 2005 Dyna (Except FLSTSi or FLSTSi)

Configuration: 1690 Super High Output w/ SE Pro 2 into 1 tunable

File Name: 105LM006-C1.MT5, 127LM006-A1.MT5

Components:

- Alpha stroker kit #23600-00 or Beta stroker kit #23703-02
- 103+ head kit (black 17071-03 or silver 17072-03)
- HTCC stroker piston kit #22483-04
- Big bore cylinder kit (black 16546-99 or silver 16549-99)
- SE 257 cam kit #25155-00
- Air cleaner kit #29440-99B
- SE exhaust (SE 2-into-1(80093-03) for softails
- -OR-
- SE exhaust 2-into-1(80091-03) for dynas
- 26-disc kit for above exhaust (80110-03)

Calibration #19: 2005 FLSTFSE

Configuration: 1690 CVO w/SE Mufflers

File Name: 105MK004-C1.MT5, 127MK004-A1.MT5

Components:

- SEII Shotgun Mufflers

Harley-Davidson Screamin' Eagle File Calibration Information
Revision for software release 4.1.2

Calibration #20: 2002 – 2005 Touring, 2001 – 2003 FLSTSi and 2005 FLSTSCi

Configuration: 1550 HTCC

File Name: 105LJ011-C1.MT5, 127LJ011-A1.MT5

Components:

- HTCC head kit (black 16933-99A or silver 16926-99A)
- HTCC piston kit #22439-00A
- Big bore cylinder kit (black 16546-99 or silver 16549-99)
- SE 251 cam kit #25121-03
- SE exhaust (Touring mufflers with end caps 65115-98B)
- Air cleaner kit #29440-99B
- HTCC intake manifold kit #29608-02

Calibration #21: 2002 – 2005 Touring, 2001 – 2003 FLSTSi and 2005 FLSTSCi

Configuration: 1690 Super High Output

File Name: 105LL005-C1.MT5, 127LL005-A1.MT5

Components:

- Alpha stroker kit #23600-00 or Beta stroker kit #23703-02
- 103+ head kit (black 17071-03 or silver 17072-03)
- HTCC stroker piston kit #22483-04
- Big bore cylinder kit (black 16546-99 or silver 16549-99)
- SE 264 cam kit P/N 25133-04
- SE exhaust (Touring mufflers with end caps 65115-98B)
- Air cleaner kit #29440-99B

Harley-Davidson Screamin' Eagle File Calibration Information
Revision for software release 4.1.2

Calibration # 22: 2005 VRSCSE

Configuration: CVO 1250CC Domestic Slip-Fit Mufflers and SE A/C

File Name: 127XP002-A1.MT5

Components:

- SE Performance Air Cleaner P/N 29793-02
- SE Slip-fit Muffler Kit P/N 65030-02