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## MerCruiser GM Engine Code Identification

### Models

All MerCruiser GM Models 1974 and later

### GM Engine Code Identification

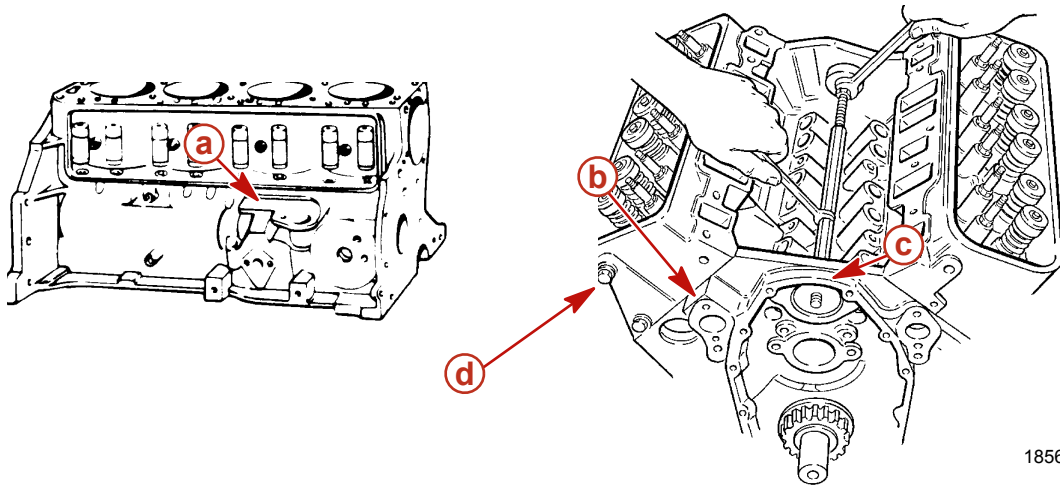
The model of MerCruiser engine can be determined by looking at the last letters of the engine code that is stamped in all complete long blocks by GM at the time of assembly.

If the engine serial number, and/or model decals are missing, the engine code will help to determine the engine model. Refer to drawings for engine code location.

Information you need from the engine code, example M01187MH.

7 = GM's model year. In this case 1997, but it could also be 1987 or 1977.

MH = type of engine. A 350 cid V8, MerCruiser models 5.7L, 350 Mag MPI, Black Scorpion Ski, etc.



**a** - 4 and 6 Cylinder Engines (Next to Distributor).

**b** - V6 and V8 305, 350 cid, V8 Gen V and VI 454, 502 cid and V8 L29 454 cid.

**c** - V8 Mark IV 454, 502 cid.

**d** - V8 496 cid, on unpainted rectangle shaped boss on cylinder block, just above MCM starter motor location.

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## GM Engine Codes

### GM 4 Cylinder 153 cid (2.5L).

Sterndrive Models (LH rotation), flat lifters

Model	GM Code	Comments	Flywheel Diameter in. (mm)
120	NB	1974–1986	12–3/4 (324)
2.5L	NB	1987–1989	12–3/4 (324)

### GM 4 Cylinder 181 cid (3.0L) with 2–piece Rear Seal

Sterndrive Models (LH rotation), flat lifters, 3.0L cyl. head

Model	GM Code	Comments	Flywheel Diameter in. (mm)
140	RA	1974–1986.	12–3/4 (324)
3.0L	RS	1987.	12–3/4 (324)
3.0L	RA	1987–1989.	12–3/4 (324)
3.0L	RF	1989.	12–3/4 (324)

### GM 4 Cylinder 181 cid (3.0L) with Full Circle Rear Seal

Sterndrive Models (LH rotation), flat lifters

Model	GM Code	Comments	Flywheel Diameter in. (mm)
3.0L	RM	1990–1991, 2.5L cyl. head, start full circle rear seal	12–3/4 (324)
3.0L	RJ	1992–1994, 2.5L cyl. head	12–3/4 (324)
3.0L	RX	1998, 3.0L cyl. head, start stamped rocker arm cover	12–3/4 (324)
3.0L	RP	1999–UP, start 14 in. flywheel, staggered starter mount	14 (356)
3.0LX	RN	1990–1991, 3.0L cyl. head, start full circle rear seal	12–3/4 (324)
3.0LX	RK	1992–1997, 3.0L cyl. head	12–3/4 (324)

### GM 6 Cylinder 250 cid (4.1L)

Sterndrive Model (LH rotation), flat lifters

Model	GM Code	Comments	Flywheel Diameter in. (mm)
165	SD	1974–1980	12–3/4 (324)

### GM V6 229 cid (3.8L)

Sterndrive Model (LH rotation), flat lifters

Model	GM Code	Comments	Flywheel Diameter in. (mm)
185	JK	1983–1984	12–3/4 (324)

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**GM V6 262 cid (4.3L) with Mechanical Fuel Pump**

Sterndrive Models (LH rotation)

Model	GM Code	Comments	Flywheel Diameter in. (mm)
185	KD	1985, 4K	12-3/4 (324)
185	KW	1985-1986, 5KW, start 14 in. flywheel, 6KW, start full circle rear seal	14 (356)
175	KP	1987, start roller lifter	14 (356)
205	KJ	1985, 4KJ	12-3/4 (324)
205	KR	1985-1987, 5KR, start 14 in. flywheel, 6KR, start full circle rear seal, 7KR, start roller lifter	14 (356)
4.3L	KP	1988-1992	14 (356)
4.3LX	KR	1988-1992	14 (356)
4.3L	XXG	1985-1992, special service long block for engines with mechanical fuel pump. No intake, flywheel or balancer on long block. Can be used on 2 or 4 bbl engines.	

**GM V6 262 cid (4.3L) Gen II with Electric Fuel Pump**

Sterndrive Models (LH rotation), roller lifters

Model	GM Code	Comments	Flywheel Diameter in. (mm)
4.3L	KP	1992-1993, 2KP, start electric fuel pump	14 (356)
4.3L	LJ	1993-1996, 3LJ, start balance shaft models, 5LJ, start plastic front cover	14 (356)
4.3LX	KR	1992-1993, 2KR, start electric fuel pump	14 (356)
4.3LX	LK	1993-1996, 3LK, start balance shaft models, 5LK, start plastic front cover	14 (356)

**GM V6 262 cid (4.3L) Gen+**

Sterndrive Models (LH rotation), roller lifters and rocker arms

Model	GM Code	Comments	Flywheel Diameter in. (mm)
4.3LX	LJ	1996-1997, 6LJ start Gen+, GM 2-bbl intake	14 (356)
4.3LXH	LK	1996-1997, 6LK start Gen+, GM 4-bbl intake	14 (356)
262 Mag. EFI	LK	1996-1997, 6LK start Gen+, GM 2-bbl intake	14 (356)
4.3L	LJ	1998-2001, 9LJ, start metric fasteners, 0LJ, start roller rocker arms	14 (356)
4.3L	LB	2002-UP, GM 2-bbl carb intake	14 (356)
4.3LH	LK	1998-2001, 9LK, start metric fasteners, 0LK, start roller rocker arms	14 (356)
4.3L EFI	LK	1998-2001, 9LK, start metric fasteners, 0LK, start roller rocker arms	14 (356)
4.3L MPI	LJ	2002-UP, 2LJ, start GM IAFM (GMEFI) intake	14 (356)

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**GM V8 305 cid (5.0L)**

Sterndrive Models (LH rotation), flat lifters

Model	GM Code	Comments	Flywheel Diameter in. (mm)
898	MN	1977–1980, 1982–1984	12–3/4 (324)
898	MX	1981	12–3/4 (324)
228	MJ	1977–1980, 1982–1984	12–3/4 (324)
230	PD	1228 MY 1981	12–3/4 (324)
200	MN	1985	12–3/4 (324)
200	MY	1985, start 14 in. flywheel	14 (356)
200	PY	1986, start full circle rear seal	14 (356)
200	PC	1987, start new cylinder heads	14 (356)
230	MJ	1985	12–3/4 (324)
230	MZ	1985, start 14 in. flywheel	14 (356)
230	PZ	1986, start full circle rear seal	14 (356)
987	PD	1987, start new cylinder heads	14 (356)
5.0L	PC	1988–1990	14 (356)
5.0L	ZC	1990–1995	14 (356)
5.0LX	PD	1988–1990	14 (356)
5.0LX	ZD	1990–1995	14 (356)

Inboard Models (rotations shown), flat lifters

Model	GM Code	Comments	Flywheel Diameter in. (mm)
198	MR (MS)	1977, LH (RH)	14 (356)
228	MA (MB)	1977–1980, LH (RH)	14 (356)
230	MA (MB)	1981–1985, LH (RH)	14 (356)
230	PA (PB)	1986, LH (RH), start full circle rear seal	14 (356)
230	PF (PH)	1987, LH (RH), start new cylinder heads	14 (356)
5.0L	PF (PH)	1988, LH (RH)	14 (356)

**GM V8 305 cid (5.0L) Gen+**

Sterndrive Models (LH rotation), roller lifters

Model	GM Code	Comments	Flywheel Diameter in. (mm)
5.0L	ZA	1998–2001, start Gen+, start MerCruiser 2–bbl intake, OZA, start Toluca production	14 (356)
5.0L	ZB	2002–UP, 2ZB, MerCruiser 2–bbl intake	14 (356)
5.0L EFI	ZA	1998–2001, start Gen+, start MerCruiser 2–bbl intake, OZA, start Toluca production	14 (356)
5.0L MPI	ZB	2002–UP, 2ZB, start GM IAFM (GMEFI)	14 (356)

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**GM V8 350 cid (5.7L) with Flat Lifters**

Sterndrive Models (LH rotation)

Model	GM Code	Comments	Flywheel Diameter in. (mm)
255	WH	1974–1976	12–3/4 (324)
250	WT	1977	12–3/4 (324)
260	WT	1978–1980, 1982–1985	12–3/4 (324)
260	WS	1981	12–3/4 (324)
260	WB	1985, start 14 in. flywheel	14 (356)
260	AB	1986–1987, start full circle rear seal, 7AB, start new cylinder heads	14 (356)
350 Mag	AB	1986, start full circle rear seal	14 (356)
350Mag	AS	1987–1990, start new cylinder heads, GM hi-rise intake	14 (356)
350 Mag	MS	1990–1991, start GM hi-rise intake	14 (356)
5.7L	AB	1988–1990	14 (356)
5.7L	MB	1990–1995	14 (356)
5.7L	MJ	1996–1997, GM 2-bbl intake	14 (356)
5.7L Bravo	AS	1989–1990, start new cylinder heads, GM hi-rise intake	14 (356)
5.7L Bravo	MS	1990–1991, start GM hi-rise intake	14 (356)

Ski Models (rotations shown)

Model	GM Code	Comments	Flywheel Diameter in. (mm)
5.7L	WB (WR)	1985, LH (RH)	14 (356)
5.7L	AB (AR)	1986–1990, LH (RH), start full circle rear seal, 7AB (AR), start new cylinder heads	14 (356)
5.7L	MB (MR)	1990–1993, LH (RH)	14 (356)
5.7L	MB (NR)	1993–1995, LH (RH)	14 (356)
5.7L	MJ	1996–1997, LH, start GM 2-bbl intake	14 (356)

Inboard Models (rotations shown)

Model	GM Code	Comments	Flywheel Diameter in. (mm)
255	WH (WJ)	1975, LH (RH)	14 (356)
255	WN (WR)	1976–1980, LH (RH)	14 (356)
260	WN (WR)	1981–1985, LH (RH)	14 (356)
260	AN (AR)	1986–1987, LH (RH), start full circle rear seal, 7AN (AR), LH (RH), start new cylinder heads	14 (356)
5.7L	AN (AR)	1988–1990, LH (RH)	14 (356)
5.7L	MN (MR)	1991–1993, LH (RH)	14 (356)
5.7L	NN (NR)	1993–1995, LH (RH)	14 (356)

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## Mercury Racing built Sterndrive Models (LH rotation), 4 bolt mains

Model	GM Code	Comments	Flywheel Diameter in. (mm)
280	WK	1975–1976, GM hi-rise intake	12-3/4 (324)
300 Tempest	WK	1984–1985	12-3/4 (324)
300 Tempest	AK	1986, start 14 in. flywheel, full circle rear seal	14 (356)
HP320 EFI	AK	1987–1989, Mercury Marine MPI intake	14 (356)

**GM V8 350 cid (5.7L) with Roller Lifters**

## Sterndrive Models (LH rotation)

Model	GM Code	Comments	Flywheel Diameter in. (mm)
5.7L	CD	1991–1993, start GM hi-rise intake, Bravo only	14 (356)
5.7L	MD	1993–1995	14 (356)
5.7L	MJ	1997, 7MJ, start GM 2-bbl intake	14 (356)
5.7LX	MD	1996–1997, start GM hi-rise intake	14 (356)
350 Mag	CD	1991–1993, start GM hi-rise intake	14 (356)
350 Mag	MD	1993–1997	14 (356)
350 Mag MPI	MH	1995, start MerCruiser MPI intake, Bravo	14 (356)

## Ski Models (LH rotation)

Model	GM Code	Comments	Flywheel Diameter in. (mm)
5.7L	MJ	1997, 7MJ, GM 2-bbl intake	14 (356)
350 Mag	CD	1991–1993, start GM hi-rise intake	14 (356)
350 Mag	MD	1993–1997	14 (356)
350 Mag MPI	MH	1995–1996, start MerCruiser MPI intake	14 (356)

## Inboard Models (LH rotation)

Model	GM Code	Comments	Flywheel Diameter in. (mm)
5.7L	MM	1996–1997, start GM hi-rise intake	14 (356)

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**GM V8 350 cid (5.7L) Gen+**

Sterndrive Models (LH rotation), with roller lifters

Model	GM Code	Comments	Flywheel Diameter in. (mm)
5.7L	MH	1998–2002, start MerCruiser 2–bbl intake, 0MH, start Toluca production	14 (356)
5.7L	MN	2002–UP, MerCruiser 2–bbl intake	14 (356)
5.7L EFI	MH	1998–2002, (TBI), 0MH, start Toluca production.	14 (356)
5.7LX EFI	MH	1996–1997, 6MH, start Gen+, Bravo (TBI)	14 (356)
350 Mag EFI	MH	1996–1997, 6MH, start Gen+, Alpha (TBI)	14 (356)
350 Mag MPI	MH	1996–1997, 6MH, start Gen+, Bravo, start MerCruiser MPI intake	14 (356)
350 Mag MPI	MH	1998–2002, start low MerCruiser MPI intake, 0MH, start Toluca production	14 (356)
350 Mag MPI	MN	2002, low MerCruiser MPI intake	14 (356)
350 Mag MPI	MN	2002–UP, start GM IAFM (GMEFI) intake	14 (356)

## Ski Models (LH rotation)

Model	GM Code	Comments	Flywheel Diameter in. (mm)
5.7L	MH	1998–2002, start MerCruiser 2–bbl intake, 0MH, start Toluca production	14 (356)
5.7L	MN	2002–UP, MerCruiser 2–bbl carb intake	14 (356)
350 Mag EFI	MH	1996–1997, 6MH, start Gen+ (TBI)	14 (356)
350 Mag MPI	MH	1998–2002, start low MerCruiser MPI intake, 0MH, start Toluca production	14 (356)
350 Mag MPI	MN	2002, low MerCruiser MPI intake	14 (356)
350 Mag MPI	MN	2002–UP, start GM IAFM (GMEFI) intake	14 (356)
Black Scorpion	MH	1996–2002, 6MH, start Gen+, MerCruiser MPI intake, 0MH, start Toluca production	14 (356)
Black Scorpion	MN	2002–UP, MerCruiser MPI intake	14 (356)

## Inboard Models (LH rotation)

Model	GM Code	Comments	Flywheel Diameter in. (mm)
5.7L	MK	1998–2002, start MerCruiser 2–bbl intake, 0MK, start Toluca production	14 (356)
5.7L	ML	2002–UP, MerCruiser 2–bbl carb intake	14 (356)
5.7L	EFI	MK 1997, (TBI)	14 (356)
350 Mag MPI	MK	1998–2002, low MerCruiser MPI intake, 0MK, start Toluca production	14 (356)
350 Mag MPI	ML	2002, low MerCruiser MPI intake	14 (356)
350 Mag MPI	ML	2002–UP, start GM IAFM (GMEFI) intake	14 (356)

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**GM V8 377 cid (6.2L) Gen+**

Sterndrive Models (LH rotation), with roller lifters

Model	GM Code	Comments	Flywheel Diameter in. (mm)
Scorpion 377	MH	2000–2002, Bravo, MerCruiser MPI intake, this model only built by Mercury Racing	14 (356)
Scorpion 377	MN	2002–UP, Bravo, MerCruiser MPI intake, this model only built by Mercury Racing	14 (356)
MX 6.2 MPI	MH	A 2001–2002, Bravo, start low MerCruiser MPI intake, built by Mercury MerCruiser, P/N 431–862562 camshaft	14 (356)
MX 6.2 MPI	MN	A 2002, Bravo, low MerCruiser MPI intake, with P/N 431–862562 camshaft	14 (356)
MX 6.2 MPI	MN	B 2002–UP, Bravo, start GM IAFM (GMEFI) intake, with P/N 431–862562T 1 camshaft	14 (356)

Ski Models (LH rotation)

Model	GM Code	Comments	Flywheel Diameter in. (mm)
Scorpion 377	MH	1997–2000, MerCruiser MPI intake, this model only built by Mercury Racing	14 (356)
Black Scorpion	MH A	2001–2002, start MerCruiser MPI intake, built by Mercury MerCruiser, with P/N 431–862562 camshaft	14 (356)
Black Scorpion	MN A	2002, MerCruiser MPI intake, with P/N 431–862562 camshaft	14 (356)
Black Scorpion	MN B	2002–UP, MerCruiser MPI intake, with P/N 431–862562T 1 camshaft	14 (356)

Inboard Models (LH rotation)

Model	GM Code	Comments	Flywheel Diameter in. (mm)
MX 6.2 MPI	MK A	2001–2002, start low MerCruiser MPI intake, built by Mercury MerCruiser, with P/N 431–862562 camshaft	14 (356)
MX 6.2 MPI	ML A	2002, with P/N 431–862562 camshaft	14 (356)
MX 6.2 MPI	ML B	2002–UP, start GM IAFM (GMEFI) intake, with P/N 431–862562T 1 camshaft	14 (356)

**GM V8 454 cid (7.4L) Mark IV**

Sterndrive Models (LH rotation), flat lifters

Model	GM Code	Comments	Flywheel Diameter in. (mm)
330 TR/TRS	XS	1977–1981, Mercury transmission	14 (356)
330 (B–W)	XY	1982–1987, TR/TRS, Borg–Warner transmission	14 (356)
454 Mag	XS	1986–1988, Alpha, GM 4–bbl intake	14 (356)
7.4L Mag	XS	1988, Alpha, GM 4–bbl intake	14 (356)
454 Mag	XA	1988–1992, Bravo, GM hi–rise intake	14 (356)
7.4L	XW	1988–1992, Bravo, T05209XW, start 4 bolt main, GM 4–bbl intake	14 (356)

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## Inboard Models (rotations shown), flat lifters

Model	GM Code	Comments	Flywheel Diameter in. (mm)
330	XN (XR)	LH (RH), 1977–1979	14 (356)
330	XY (XZ)	LH (RH), 1980	14 (356)
340	XY (XZ)	LH (RH), 1981–1984, 1985–1987	14 (356)
340	XY(XZZ)	LH (RH), 1985	14 (356)
350	XB (XC)	LH (RH), 1974–1976	14 (356)
7.4L	XY (XZ)	LH (RH), 1988–1992. T05209XY (T05209XZ), start 4 bolt mains	14 (356)
7.4L	XR	RH, 1992	14 (356)

## Mercury Racing built Sterndrive Models (LH rotation), 4 bolt mains

Model	GM Code	Comments	Flywheel Diameter in. (mm)
400 Series	XF	1978, start GM hi-rise intake	14 (356)
370	XF	1979–1986	14 (356)
370	HF	1986–1987, start new lifters, camshaft, oil pump	14 (356)
400 Cyclone	XF	1980–1986	14 (356)
HP420	HF	1987	14 (356)
HP420	XF	1987–1989	14 (356)
HP425	XF	1990–1993	14 (356)
440 Cyclone	XF	1983–1986	14 (356)
475 Turbo	XF	1981–1985, turbo charged	14 (356)
HP525	SC	XF 1991–1993, supercharged	14 (356)

**GM V8 454 cid (7.4L) Mark IV**

## Sterndrive Models (LH rotation), flat lifters

Model	GM Code	Comments	Flywheel Diameter in. (mm)
330 TR/TRS	XS	1977–1981, Mercury transmission	14 (356)
330 (B-W)	XY	1982–1987, TR/TRS, Borg-Warner transmission	14 (356)
454 Mag	XS	1986–1988, Alpha, GM 4-bbl intake	14 (356)
7.4L Mag	XS	1988, Alpha, GM 4-bbl intake	14 (356)
454 Mag	XA	1988–1992, Bravo, GM hi-rise intake	14 (356)
7.4L	XW	1988–1992, Bravo, T05209XW, start 4 bolt main, GM 4-bbl intake	14 (356)

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**MerCruiser GM Engine Code Identification**

Inboard Models (rotations shown), flat lifters

Model	GM Code	Comments	Flywheel Diameter in. (mm)
330	XN (XR)	LH (RH), 1977–1979	14 (356)
330	XY (XZ)	LH (RH), 1980	14 (356)
340	XY (XZ)	LH (RH), 1981–1984, 1985–1987	14 (356)
340	XYX(XZZ)	LH (RH), 1985	14 (356)
350	XB (XC)	LH (RH), 1974–1976	14 (356)
7.4L	XY (XZ)	LH (RH), 1988–1992. T05209XY (T05209XZ), start 4 bolt mains	14 (356)
7.4L	XR	RH, 1992	14 (356)

Mercury Racing built Sterndrive Models (LH rotation), 4 bolt mains

Model	GM Code	Comments	Flywheel Diameter in. (mm)
400 Series	XF	1978, start GM hi-rise intake	14 (356)
370	XF	1979–1986	14 (356)
370	HF	1986–1987, start new lifters, camshaft, oil pump	14 (356)
400 Cyclone	XF	1980–1986. 14 (356) HP420 HF 1987	14 (356)
HP420	XF	1987–1989	14 (356)
HP425	XF	1990–1993	14 (356)
440 Cyclone	XF	1983–1986	14 (356)
475 Turbo	XF	1981–1985, turbo charged	14 (356)
HP525 SC	XF	1991–1993, supercharged	14 (356)

**GM V8 454 cid (7.4L) Gen V**

Sterndrive Models (LH rotation), 4 bolt mains, flat lifters

Model	GM Code	Comments	Flywheel Diameter in. (mm)
7.4L	XW	1992–1996, 1XW, start Gen V, no mechanical fuel pump pad on cylinder block, GM 4-bbl intake	14 (356)
7.4LX MPI	UC	1996, MerCruiser MPI intake	14 (356)
7.4L PT Bravo 3	UW	1993, cast pistons, start GM hi-rise intake	14 (356)
7.4L PT Bravo 3	UB	1993–1994, start forged pistons	14 (356)
7.4L PT Bravo 3	XX	1994–1996, start new design cast pistons	14 (356)
454 Mag	XA	1992–1996, 2XA, start Gen V, no mechanical fuel pump pad on cylinder block, GM hi-rise intake	14 (356)
454 Mag	XAA	1995, GM hi-rise intake	14 (356)
454 Mag MPI	UA	1994–1996, MerCruiser MPI intake	14 (356)

Ski Models (LH rotation), 4 bolt mains, flat lifters

Model	GM Code	Comments	Flywheel Diameter in. (mm)
454 Mag MPI	UA	1994–1996, no mechanical fuel pump pad on cylinder block, MerCruiser MPI intake	14 (356)

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## Inboard Models (LH rotation), 4 bolt mains, flat lifters

Model	GM Code	Comments	Flywheel Diameter in. (mm)
7.4L	XY	1992, 2XY, start Gen V, no mechanical fuel pump pad on cylinder block, GM hi-rise intake	14 (356)
7.4L MPI	UD	1995–1996, MerCruiser MPI intake	14 (356)

## Mercury Racing built Sterndrive Models (LH rotation)

Model	GM Code	Comments	Flywheel Diameter in. (mm)
HP425	UA	1993. GM hi-rise intake, 4 bolt mains	14 (356)
HP450	UA	1995	14 (356)
HP525 SC	UA	1993–1996, supercharged	14 (356)

**GM V8 454 cid (7.4L) Gen VI with Roller Lifters**

## Sterndrive Models (LH rotation), 4 bolt mains

Model	GM Code	Comments	Flywheel Diameter in. (mm)
7.4L	XW	1996–1997, 6WX, start Gen VI, GM 4-bbl intake	14 (356)
7.4LX EFI	UJ	1996–1997, start Gen VI, GM TBI intake	14 (356)
7.4LX MPI	UC	1996–1997, 6UC, start Gen VI, Mer-Cruiser MPI intake	14 (356)
454 Mag	XA	1996–1997, 6XA, start Gen VI, GM hi-rise intake	14 (356)
454 Mag MPI	UA	1996–2001, 6UA, start Gen VI, MerCruiser MPI intake	14 (356)

## Ski Models (LH rotation), 4 bolt mains

Model	GM Code	Comments	Flywheel Diameter in. (mm)
454 Mag MPI	UA	1996, 6UA, start Gen VI, MerCruiser MPI intake	14 (356)

## Inboard Models (LH rotation), 4 bolt mains

Model	GM Code	Comments	Flywheel Diameter in. (mm)
7.4L	XY	1996–1997, 6XY, start Gen VI, GM 4-bbl intake	14 (356)
7.4L EFI	UK	1996–1997, 6UK, start Gen VI, GM TBI intake	14 (356)
7.4L MPI	UD	1996–1997, 6UD, start Gen VI, Mer-Cruiser MPI intake	14 (356)
454 Mag	MPI	UF 1998–2001, Gen VI, MerCruiser MPI intake	14 (356)

## Mercury Racing built Sterndrive Models (LH rotation), 4 bolt mains

Model	GM Code	Comments	Flywheel Diameter in. (mm)
HP525 SC	UA	1996–1999, 6UA, start Gen VI, supercharged	14 (356)

**GM V8 454 cid (7.4L) L29**

## Sterndrive Models (LH rotation), 4 bolt mains, roller lifters

Model	GM Code	Comments	Flywheel Diameter in. (mm)
7.4L MPI	XW	1998–2001, 8WX, start L29, GM MPI intake	14 (356)

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Inboard Models (LH rotation), 4 bolt mains

Model	GM Code	Comments	Flywheel Diameter in. (mm)
7.4L MPI	XY	1998–2001, 8XY, start L29, GM MPI intake	14 (356)

**GM V8 482 cid (7.9L) Mark IV**

Mercury Racing built Sterndrive Models (LH rotation), 4 bolt mains, flat lifters

Model	GM Code	Comments	Flywheel Diameter in. (mm)
460 Cyclone	XF	1983–1986, GM hi-rise intake	14 (356)

**GM V8 496 cid (8.1L)**

Sterndrive Models (LH rotation), 4 bolt mains, roller lifters

Model	GM Code	Comments	Flywheel Diameter in. (mm)
496 Mag	XW	2001–UP, 1XW, start 496 cid, GM MPI intake	14 (356)
496 Mag	WW	2004 Changed intake manifold gasket and cylinder head machining	14 (356)
496 Mag	ZW	2004 Changed piston pins to floating type	14 (356)
496 Mag	XW	2005–UP Returned to XW nomenclature	14 (356)
496 Mag HO	XA	2001–UP, 1XW, start 496 cid, GM MPI intake	14 (356)
496 Mag HO	WA	2004 Changed intake manifold gasket and cylinder head machining	14 (356)
496 Mag HO	ZA	2004 Changed piston pins to floating type	14 (356)
496 Mag HO	XA	2005–UP Returned to XA nomenclature	14 (356)

Inboard Models (LH rotation), 4 bolt mains, roller lifters

Model	GM Code	Comments	Flywheel Diameter in. (mm)
8.1S	XY	2001–UP, 1XY, start 496 cid, GM MPI intake	14 (356)
8.1S	WY	2004 Changed intake manifold gasket and cylinder head machining	14 (356)
8.1S	ZY	2004 Changed piston pins to floating type	14 (356)
8.1S	XY	2005–UP Returned to XY nomenclature	14 (356)
8.1S HO	XF	2001–UP, 1XF, start 496 cid, GM MPI intake	14 (356)
8.1S HO	WF	2004 Changed intake manifold gasket and cylinder head machining	14 (356)
8.1S HO	ZF	2004 Changed piston pins to floating type	14 (356)
8.1S HO	XF	2005–UP Returned to XF nomenclature	14 (356)

**GM V8 502 cid (8.2L) Mark IV**

Sterndrive Models (LH rotation), 4 bolt mains, flat lifters

Model	GM Code	Comments	Flywheel Diameter in. (mm)
502 Mag	FJ	1990–1992, GM hi-rise intake	14 (356)
502 Mag	FH	1992, some inboards converted to MCM this year only	14 (356)

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## Inboard Models (LH rotation), 4 bolt mains

Model	GM Code	Comments	Flywheel Diameter in. (mm)
8.2L	FH	1990–1992, GM hi-rise intake	14 (356)

## Mercury Racing built Sterndrive Models (LH rotation), 4 bolt mains

Model	GM Code	Comments	Flywheel Diameter in. (mm)
HP465	FJ	1990–1992, GM hi-rise intake	14 (356)
HP600 SC	FJ	1991–1992, supercharged	14 (356)

**GM V8 502 cid (8.2L) Gen V**

## Sterndrive Models (LH rotation), 4 bolt mains, flat lifters

Model	GM Code	Comments	Flywheel Diameter in. (mm)
502 Magnum	FJ	1992–1993, 2FJ, start Gen V, no mechanical fuel pump pad on cylinder block, GM hi-rise intake	14 (356)
502 Mag MPI	FJ	1993, MerCruiser MPI intake	14 (356)
502 Mag MPI	HJ	1993–1996, MerCruiser MPI intake	14 (356)

## Inboard Models (LH rotation), 4 bolt mains, flat lifters

Model	GM Code	Comments	Flywheel Diameter in. (mm)
8.2L	FH	1992–1996, 3FH, start Gen V, no mechanical fuel pump pad on cylinder block, GM hi-rise intake	14 (356)
8.2L MPI	HH	1996, MerCruiser MPI intake	14 (356)

## Mercury Racing built Sterndrive Models (LH rotation), 4 bolt mains

Model	GM Code	Comments	Flywheel Diameter in. (mm)
HP465	FJ	1992–1994, 2FJ, start Gen V, no mechanical fuel pump pad on cylinder block, GM hi-rise intake	14 (356)
HP500	HJ	1994–1996	14 (356)
HP600 SC	FJ	1992–1993, 2FJ, start Gen V, no mechanical fuel pump pad on cylinder block, supercharged	14 (356)
HP600 SC	HJ	1993–1996, supercharged	14 (356)

**GM V8 502 cid (8.2L) Gen VI with Roller Lifters**

## Sterndrive Models (LH rotation), 4 bolt mains

Model	GM Code	Comments	Flywheel Diameter in. (mm)
502 Mag MPI	HJ	1996–2001, 6HJ, start Gen VI, MerCruiser MPI intake	14 (356)
8.2L MPI	HH	1996–2001, 6HH, start Gen VI, Mer-Cruiser MPI intake	14 (356)

## Sterndrive and Inboard Models (LH rotation), 4 bolt mains

Model	GM Code	Comments	Flywheel Diameter in. (mm)
8.2L MPI	HH	1996–2001, 6HH, start Gen VI, Mer-Cruiser MPI intake	14 (356)

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## Mercury Racing built Sterndrive Models (LH rotation), 4 bolt mains

Model	GM Code	Comments	Flywheel Diameter in. (mm)
HP500	HJ	1996–2000, 6HJ, start Gen VI, GM hi-rise intake	14 (356)
HP500 EFI	HJ	1999–2001, multi-port intake	14 (356)
HP500 EFI	None	2002–UP, multi-port intake, long block completely assembled by Mercury Racing	14 (356)
HP575 SCi	HJ	2000–2001, supercharged	14 (356)
HP575 SCi	None	2002–UP, supercharged, long block completely assembled by Mercury Racing	14 (356)
HP600 SC	HJ	1996–2000, 6HJ, start Gen VI, supercharged	14 (356)

**GM V8 540 cid (8.9L)**

Mercury Racing built Sterndrive Models (LH rotation), 4 bolt mains, tall deck block, long block completely assembled by Mercury Racing

Model	GM Code	Comments	Flywheel Diameter in. (mm)
HP500	None	1990–UP, "Bull Dog" engine	14 (356)
HP575	None	1986–1992	14 (356)
HP900 SC	None	1998–UP, supercharged	14 (356)

**GM V8 572 cid (9.4L)**

Mercury Racing built Sterndrive Models (LH rotation), 4 bolt mains, tall deck block, long block completely assembled by Mercury Racing

Model	GM Code	Comments	Flywheel Diameter in. (mm)
HP800 SC	None	1991–1999, supercharged	14 (356)

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