



Marine Engine Application Catalog



Why Buy Tri Star Marine Engines?

- Built For Marine Use
- Guaranteed Core Credit - Regardless Of Condition
- 100% Tested To Ensure Oil Pressure and Compression

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18-month Unlimited Hour Warranties with Nationwide Parts and Labor

All Tri Star Marine engines are listed with tinware if optional. If no tinware is required, replace the first digit with "D" instead of "V". VMH4 comes with tin; DMH4 does not include tin. Where crank sensors apply, only those ordered with tin will include a reluctor wheel



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General Motors

PN	Displacement	Description	Year range	HP Rating	Notes
DM27	4.3 / 262	GM 4.3 / 262, Std rotation, 2 pc rear seal, 12 bolt intake mount, uses center mount valve covers, No balance shaft	1985-86	205	Block casting number 177
DM28	4.3 / 262	GM 4.3 / 262, Std rotation, 1 pc rear seal, flat tappet cam, 12 bolt intake mount, uses center mount valve covers, No balance shaft	1986-88	205	Block casting numbers 553, 683
DM29	4.3 / 262	GM 4.3 / 262, Std rotation, Roller cam engine, Heads have 3 bolt hole accessory mount on the front of each head, Head casting numbers are 768, 103, 066, 996, 476, With fuel pump hole, 12 bolt intake mount, No balance shaft	1987-92	205	Block casting numbers 011, 867
VM29	4.3 / 262	GM 4.3 / 262, Complete with oil pan, front cover & valve covers installed, Std rotation, Roller cam engine, Heads have 3 bolt hole accessory mount on the front of each head, Head casting #768, 103, 066, 996, 476, With fuel pump hole, 12 bolt intake mount, No balance shaft	1987-92	205	Block casting numbers 011, 867
DMC7	4.3 / 262	GM 4.3 / 262, Standard rotation, L35 engine, temp/det sensor holes in left head, roller cam, balance shaft casting 12550286 or 10224541, no fuel pump hole, Uses 14 bolt oil pan, Uses 10 bolt steel front cover, 12 bolt intake mount	1992-97	205	Block casting 196, 534, 359, 535
DMC4	4.3 / 262	GM 4.3 / 262, Std rotation, roller cam, no balance shaft, block casting 011, 867, head casting 064, 181, 209. Mech fuel pump, Uses steel front cover	1992-97	205	Block casting numbers 011, 867
DMW3	4.3 / 262	GM 4.3 / 262, Std rotation, F.I., Roller cam with balance shaft, roller rockers, block has metric mounts, for 6 bolt plastic timing cover, head casting should be 113, 8 bolt intake mount, 1/4" Thread Knock sensor	1996-2008	230	Block casting number 090M
VMW3	4.3 / 262	GM 4.3 / 262, Std rotation, F.I., Complete with cast aluminum oil pan, front cover, valves covers installed, Roller cam with balance shaft, roller rockers, Block has metric mounts, 6 bolt plastic timing cover, head casting should be 113, 8 bolt intake, 1/4" Thread Knock sensor	1996-2008	230	Block casting number 090M
DMW4	4.3 / 262	GM 4.3 / 262, Std rotation, F.I., Block casting 090M, metric threads, head casting 113, for plastic front cover, roller cam, roller rockers, balance shaft last 3 digits 542 or 748 5/16" Thread Knock	1996-2008	230	Block casting number 090M
VMW4	4.3 / 262	GM 4.3 / 262 Std rotation, F.I., Complete with cast aluminum oil pan, front cover, valve covers installed, Block casting 090M w/ 7mm knock sensor, metric threads, head casting 113, plastic front cover w/sensor, roller cam, roller rockers, balance shaft last 3 digits 542 or 748 5/16" Thread Knock sensor	1996-2008	230	Block casting number 090M
DMK9	4.3 / 262	GM 4.3 / 262, Std rotation, block casting 090, SAE thread for mounts, head casting 772 or 140, roller cam, non-roller rockers, Uses 10 bolt oil pan, 8 bolt intake mount, Balance shaft casting 10224542	1996-99	205	Block casting 090



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PN	Displacement	Description	Year range	HP Rating	Notes
VMK9	4.3 / 262	GM 4.3 / 262, Std rotation, Complete with cast aluminum oil pan, front cover, valve covers installed, block casting 090, SAE thread, head casting 772 or 140, roller cam, non-roller rockers, 10 bolt oil pan, 8 bolt intake mount, Balance shaft casting 10224542	1996-99	205	Block casting 090
DMX1	4.3 / 262	GM 4.3 / 262, Std rotation, Block Cast #12600234/324, Balance Shaft, Head Cast # 12557113/12558114, M8 Bolts For Roller Rockers(Cast Rocker), 2 Knock Sensor Both Sides, Cam sensor raise on Cam gear	2007-11	230	Block casting numbers 234, 324
VMX1	4.3 / 262	GM 4.3 / 262, Complete with cast aluminum oil pan, front cover, valve covers installed, Std rotation, Block Cast #12600234/324, Balance Shaft, Head Cast # 12557113/12558114, M8 Bolts For Roller Rockers(Cast Rocker), 2 Knock Sensor Both Sides, Cam Sensor Hole in front cover	2007-11	230	Block casting numbers 234, 324
DM07	5.0 / 305	GM 5.0 / 305, 2pc rear seal, flat tappet cam, dipstick on starboard side of block	1976-85	230	Block casting number: 909, 979, 776, 777, 371, 778
DM95	5.0 / 305	GM 5.0 / 305, Std rotation, 1 pc rear seal, valve covers bolt on edge, head casting 416, 301, 601, flat tappet cam, Use DM95R for Reverse rotation. Block machined for mechanical F/P	1985-87	230	Block casting 551
DMB3	5.0 / 305	GM 5.0/305, Non Roller, 1 pc rear main, Carbureted, uses steel front cover, Uses Center mount V/C, Block machined for mechanical F/P	1987-95	230	Block casting number: 535,551,627,058
VMB3	5.0 / 305	GM 5.0/305 Complete with oil pan, front cover & valve covers installed, Center mount V/C, Non Roller, 1 pc rear main, Carbureted, Block machined for mechanical F/P	1987-95	230	Block casting number: 535,551,627,058
DMM2	5.0 / 305	GM 5.0 / 305 Vortec, SAE threads, Roller Cam, Uses Plastic Front Cover, 8 bolt intake mount, 1 pcs Rear Seal, Block not machined for mechanical F/P	1996-2006	230	Block casting numbers 880, 878
VMM2	5.0 / 305	GM 5.0 / 305 Vortec, Complete with oil pan, front cover & valve covers installed, SAE threads, Roller Cam, Plastic Front Cover w/sensor hole, 8 bolt intake mount, Block not machined for mechanical F/P	1996-2006	230	Block casting numbers 880, 878
VMM2S	5.0 / 305	GM 5.0 / 305 Vortec, Complete with oil pan, front cover and valve covers installed, SAE threads, Roller Cam, Plastic Front Cover w/o sensor hole, 8 bolt intake mount, Block not machined for mechanical F/P	1996-2006	230	Block casting numbers 880, 878
VMM6MA	5.7 / 350	GM 5.7 / 350, 2 bolt main, 1 pc rear seal, roller cam, valve covers bolt thru center, steel front cover, fuel pump on block, 12 bolt intake mount machined for mechanical F/P	1995	260	Block casting numbers 548, 526, 148, 638
DM02	5.7 / 350	GM 5.7 / 350, 2 pc rear seal, 9.0:1 CR, port side dipstick, Mech F/P provision, Use DM03 for Reverse rotation, Block machined for mechanical F/P	1964-80	270	Remanufactured long block for replacement of Mercruiser 250 and 260 2BBL and 4BBL engines between 1977 and 1982. Uses a 2 piece rear seal block with a port side dipstick. This engine is available in reverse rotation. Serial Numbers will range from 4768000 - 6218461.



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DM03	5.7 / 350	GM 5.7 / 350, Reverse rotation, 2 pc rear seal, 9.0:1 CR, 2 bolt main, port side dipstick, Mech F/P provision, Use DM02 for Std rotation. Block machined for mechanical F/P	1964-80	270	Remanufactured reverse rotation long block for replacement of Mercruiser 250 and 260 2BBL and 4BBL engines between 1977 and 1982. Uses a 2 piece rear seal block with a port side dipstick.
DM20	5.7 / 350	GM 5.7 / 350, Std rotation, 2 bolt main, 2 pc rear seal, starboard side dipstick, Valve cover bolts on edge, Mech F/P provision, Use DM21 for reverse rotation. Block machined for mechanical F/P	1980-85	260	Remanufactured long block for replacement of Mercruiser 260 model 350's. This engine uses a 2 piece rear seal with a starboard side dipstick. It was used from 1982 - 1986 and has serial numbers from 6218462 - 0B525981. Block casting numbers 909, 979, 776, 777, 371, 778, 535, 551, 627, 058
DM21	5.7 / 350	GM 5.7 / 350, Reverse rotation, 2 bolt main, 2 pc rear seal, starboard side dipstick, Valve cover bolts on edge, Mech F/P provision, Use DM20 for standard rotation. Block machined for mechanical F/P	1980-85	260	Remanufactured reverse rotation long block for replacement of Mercruiser 260 model 350's. This engine uses a 2 piece rear seal with a starboard side dipstick. It was used from 1982 - 1986. Block casting numbers 909, 979, 776, 777, 371, 778, 535, 551, 627, 058
DMM6	5.7 / 350	GM 5.7 / 350, 2 bolt main, 1 pc rear seal, flat tappet cam, valve cover mount thru center, for steel front cover & 12 bolt intake mount, Mech F/P provision, 5.7L Base & Inboard, Merc SN's "OB thru OF". Block machined for mechanical F/P	1987-95	260	Block casting numbers 548, 526, 148, 638
VMM6	5.7 / 350	GM 5.7 / 350, Complete with oil pan, front cover & valve covers installed., 2 bolt main, 1 pc rear seal, flat tappet cam, valve covers bolt thru center, steel front cover. 12 bolt intake mount, 5.7L Base & Inboard. Merc SN's 'OB thru OF'. Block machined for mechanical F/P	1987-95	260	Block casting numbers 548, 526, 148, 638
DMM6R	5.7 / 350	GM 5.7 / 350 Reverse rotation, 2 bolt main, 1 pc rear seal, flat tappet cam, valve covers bolt thru center, for steel front cover & 12 bolt intake mount machined for mechanical F/P	1987-95	260	Block casting numbers 548, 526, 148, 638
VMM6R	5.7 / 350	GM 5.7 / 350 Reverse rotation, Complete with oil pan, front cover & valve covers installed, 2 bolt main, 1 pc rear seal, flat tappet cam, valve covers bolt thru center, steel front cover, 12 bolt intake mount machined for mechanical F/P	1987-95	260	Block casting numbers 548, 526, 148, 638
VMH4	5.7 / 350	GM 5.7 / 350, Complete with oil pan, front cover & valve covers installed, 1 pc rear seal, roller cam, 2 Bolt Main, valve covers bolt thru center, plastic front cover w/ crank sensor hole, 8 bolt intake mount, no mech F/P provision, 1999-Up Volvo Penta excluding 'GXi, GSi, OXi',	1996-2005	260 - 300	Block casting numbers 880
DMH4	5.7 / 350	GM 5.7 / 350, 2 bolt main, 1 pc rear seal, Roller cam, 8 bolt intake mount, requires electric fuel pump, No mech F/P provision	1996-2005	262 - 300	Block casting numbers 880
VMM6PL	5.7 / 350	GM 5.7 / 350, 2 bolt main, 1 pc rear seal, flat tappet cam, valve covers bolt thru center, plastic front cover w/o sensor, 12 bolt intake mount, fuel pump on block	1996-97	260	Block casting numbers 880 with fuel pump
VMH4MPI	5.7 / 350	GM 5.7 / 350 2 bolt main, 1 pc rear seal, Magnum Bravo/Horizon/MIE MPI Roller cam 866022T, 8 bolt intake mount, plastic cover w/crank sensor, EFI. Merc SN's begin with '0W' or '1A' No mech F/P provision	2005-Up	300	Block casting number 880



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VMT23MC	6.0 / 364	GM 6.0 / 364, With Cast Aluminum Tinware & Front Pulley. **For Catalytic Converter Equipped Version** L96 With V.V.T., Non-D.O.D. Iron Block/Aluminum Heads, Oil PSI Sending Unit Plate Not Included	2010-14		Block cast #12576181, Head Cast # 823, 5364
DM25	7.4 / 454	GM 7.4 / 454, Std rotation, Mark IV, 2 pc rear seal, flat tappet, Uses 10 bolt front cover, round intake port. 2 bolt main. Use DM32 for Reverse rotation. Complimentary to DM32	1973-90	330	Block casting 959, 445, 286, 775, 289
DM32	7.4 / 454	GM 7.4 / 454, Reverse rotation, Mark IV, 2 pc rear seal, flat tappet, Uses 10 bolt front cover, round intake port, 2 bolt main. Use DM25 for Std rotation Complimentary to DM25	1973-90	330	Block casting 959, 445, 286, 775, 289
DMC5	7.4 / 454	GM 7.4 / 454, Std rotation, Gen V, 4 bolt main, 1 pc rear seal, oval intake port, flat tappet, for steel timing cover. Use DME1 for Reverse rotation. Complimentary to DME1	1991-97	330	Block casting numbers 182, 313
DME1	7.4 / 454	GM 7.4 / 454, Reverse rotation, Gen V, 4 bolt main, 1 pc rear seal, oval intake port, flat tappet, for steel timing cover. Use DMC5 for Std rotation. Complimentary to DMC5	1991-97	330	Block casting numbers 182, 313
DMK2	7.4 / 454	GM 7.4 / 454, Std rotation, Gen VI, 7.4L MPI/MIE 4 bolt main, requires electric fuel pump, head casting 279, oval intake port, Uses 6 bolt aluminum front cover, L29	1996-03	310	Block casting 297
DMK1	7.4 / 454	GM 7.4 / 454, Std rotation, Gen VI, 7.4L Bravo/MIE/TBI, 4 bolt main, requires electric fuel pump, head casting 156, oval intake ports, Uses 6 bolt aluminum front cover	1996-2003	310	Block casting 297
DMWEHO	8.1 / 496	GM 8.1 / 496, 4 Bolt Main, Block # 12558110, Head #12558162, Crank# 430, Cam Gear Cast# 766, High Output Marine Cam (High Output Engine)	2004-07		
DMWEMAG	8.1 / 496	GM 8.1 / 496, 4 Bolt Main, Block #12558110, Head #12558162, Crank #430, Cam Gear #766. Standard Marine Cam (Standard Output Engine)	2004-07		



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Ford					
DMA1	5.8 / 351	Ford 5.8 / 351, Std rotation, dipstick in block, flat tappet cam, cast iron block & heads, Use DMA1R for Reverse rotation	1988-94	250	Block casting E4AE, E9AE, F0AE
DMA1R	5.8 / 351	Ford 5.8 / 351, Reverse rotation, dipstick in block, flat tappet cam, cast iron block & heads, Use DMA1 for Std rotation	1988-94	250	Block casting E4AE, E9AE, F0AE
DMA1GTP	5.8 / 351	Ford 5.8 / 351, Std rotation, dipstick in block, flat tappet cam, 9.0:1 comp, GT40 performance heads, Requires 92 octane, cast iron block & heads	1988-94	285	Block casting E4AE, E9AE, F0AE
DM26	7.5 / 460	Ford 7.5 / 460, Std rotation, Crank 2YA, 2YAB, 2YABC, 2Y, C8VE-A, flat tappet cam, cast iron block & heads	1973-78	340	Block casting D1TE, D1V, D1VE-AA, D1VE-A2
HP Marine					
HP90	6.2 / 383	GM 6.2 / 383, Stroker Performance Marine Engine, Std rotation only, Dart Vortec Cast Iron Heads, Scat Crank Kit, Hyd. Roller Cam/Lifters, precision built, balanced & assembled with name brand parts you can trust	1987-95	345	Premium Fuel and HP Exhaust Required
HP96	6.2 / 383	GM 6.2/383, Stroker Performance Marine Engine, Std rotation only, Performance Aluminum Heads, Scat Crank Kit, Full Roller, precision built, balanced & assembled with name brand parts you can trust	1996-2005	380	Premium Fuel and HP Exhaust Required
HP95	8.2 / 502	GM 8.2/502, New Engine based off a Dart Big 'M' Gen VI block, This engine uses a HP cylinder head with oversized intake valves & Inconel exhaust valves, The HP Marine cam requires a performance exhaust system, EFI engines may require additional tuning, Each engine is precision built, balanced & assembled with name brand parts you can trust	Any	525+	New Engine, Premium Fuel & HP exhaust Required
HP105	6.2 / 377	GM 6.2 / 377 2 bolt main, 1 pc rear seal, Steel crank. MPI Roller Cam 862562T1, plastic front cover w/sensor (sensor plug included) Replaces Mercruiser 6.2/377	2000-Up	320	Block casting number 880



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Call [800-322-5859](tel:800-322-5859) for additional assistance with marine applications.



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