

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|---------------------------------------|----------------------------|------------------------------|-----------------|--------------------------------------|
| -----1995----- | | | | |
| -----MCM Alpha One Gen II Models----- | | | | |
| MCM 3.0LX a | 1.94:1 (0F381500) | 135 (0F353100) | 181 (3.0) | GM (4) |
| MCM 4.3L b | 1.84:1 (0F379500) | 160 (0F356270) | 262 (4.3) | GM (V6) |
| MCM 4.3LX b | 1.84:1 (0F379500) | 180 (0F353093) | 262 (4.3) | GM (V6) |
| MCM 5.0L b | 1.65:1 (0F377000) | 190 (0F353000) | 305 (5.0) | GM (V8) |
| MCM 5.0LX b | 1.5:1 (0F372000) | 205 (0F353904) | 305 (5.0) | GM (V8) |
| MCM 5.7L b | 1.5:1 (0F372000) | 235 (0F353293) | 350 (5.7) | GM (V8) |
| MCM 5.7L EFI b | 1.5:1 (0F372000) | 250 (0F355308) | 350 (5.7) | GM (V8) |
| MCM 350 b c Magnum | 1.5:1 (0F372000) | 250 (0F353691) | 350 (5.7) | GM (V8) |

Transom S/N: (0F392515).

Stern Drive S/N: 2.4:1 (0F384500).

a. 3.0LX manifolds with end caps (0F427000).

b. Production used some 1994 serial numbers on 1995 engines.

MCM 4.3L: S/N 0F287981-0F298761.

MCM 4.3LX: S/N 0F287093-0F299899.

MCM 5.0L: S/N 0F291030-0F299872.

MCM 5.0LX: S/N 0F287520-0F299899.

MCM 5.7L: S/N 0F287136-0F299679.

MCM 5.7L EFI: S/N 0F286830-0F286894 and S/N 0F289032-0F295399.

MCM 350 Magnum: S/N 0F287272-0F298820.

c. Has stainless steel exhaust elbows.

| -----MCM Bravo and BlackHawk Models----- | | | | |
|--|------------------------------|-------------------|--------------|-------------------------|
| MCM D3.0L/150 | Br 1- 1.5:1 Br 2- 2.20:1 | 140 (Unknown) | 183 (3.0) | VM Diesel (5) |
| MCM D3.6L/180 | Br 1- 1.5:1 Br 2- 2.20:1 | 170 (0F306551) | 219 (3.6) | VM Diesel (6) |
| MCM D4.2L/220 | Br 1- 1.5:1 Br 2- 2:1 | 200 (0F319302) | 254 (4.2) | VM Diesel (6) |
| MCM D7.3L/270 | Br 2- 1.65:1 Br 3- 1.65:1 | 238 (0F264969) | 444 (7.3) | Navistar Diesel (V8) |

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|-------|----------------------------|------------------------------|-----------------|--------------------------------------|
|-------|----------------------------|------------------------------|-----------------|--------------------------------------|

-----1995 Contd.-----

-----MCM Bravo and BlackHawk Models Contd.-----

| | | | | |
|-------------------------------|--|-------------------|--------------|------------|
| MCM 5.0L HB a b c | Br 2- 2.20:1 | 190 (0F353000) | 305 (5.0) | GM (V8) |
| MCM 5.7L b c | Br 2- 2.20:1 Br 3- 2:1 | 250 (0F353525) | 350 (5.7) | GM (V8) |
| MCM 5.7L EFI b c | Br 1- 1.5:1 Br 2- 2.20:1, Br 3- 2:1 | 250 (0F355370) | 350 (5.7) | GM (V8) |
| MCM 350 Mag b c EFI/MP | Br 1- 1.5:1 Br 3- 2:1 | 265 (0F360522) | 350 (5.7) | GM (V8) |
| MCM 7.4L b c d Bravo 1 & 2 | Br 1- 1.5:1 Br 2- 2:1 | 300 (0F352000) | 454 (7.4) | GM (V8) |
| MCM 7.4L PT b c d Bravo 3 | Br 3- 2:1 | 300 (0F352106) | 454 (7.4) | GM (V8) |
| MCM 454 Mag b c f | Br 1- 1.5:1 | 350 (0F305153) | 454 (7.4) | GM (V8) |
| MCM 454 Mag b c EFI/MP | Br 1- 1.5:1 Br 3- 1.5:1 | 385 (0F355300) | 454 (7.4) | GM (V8) |
| MCM 502 Mag b c EFI/MP | Br 1, BlkHk- 1.5:1 Br 3- 1.5:1 | 415 (0F355316) | 502 (8.2) | GM (V8) |

Transom S/N: (0F407515), Heavy Duty (0F410515), Diesel (0F410815).
Stern Drive S/N: Bravo One (0F387045), Two (0F389225), Three (0F390905).
BlackHawk (0F392465).

a. MCM 5.0L HB is 5.0L Alpha with Bravo dress.

b. Has stainless steel exhaust elbows.

c. Production used some 1994 serial numbers on 1995 models.

MCM 5.0L: S/N 0F293149-0F298922. MCM 5.7L: S/N 0F287104-0F299847.

MCM 5.7L EFI: S/N 0F286833-0F286899 and 0F287600-0F295383.

MCM 350 Magnum EFI/MP: S/N 0F289431-0F299998.

MCM 7.4L: S/N 0F290000-0F290982. MCM 7.4L PT: S/N 0F290057-0F290970.

MCM 454 Mag: S/N 0F290983-0F290999. MCM 454 Mag EFI/MP: S/N 0F288031-0F297142.

MCM 502 Mag EFI/MP: S/N 0F288000-0F299999.

d MCM 7.4L Bravo 1 & 2 Engines: S/N 0F614400-0F615359 are 1995 model engines.

e. MCM 7.4L PT Bravo 3 Engines: S/N 0F614416-0F615344 are 1995 model engines.

f. MCM 454 Magnum (Carb) Engines: S/N 0F615085-0F615094 are 1995 model engines.

-----Hi-Performance Models-----

| | | | | |
|-----------|-----------|-------------------|--------------|------------|
| MCM HP450 | Bravo One | 425 (0F347100) | 454 (7.4) | GM (V8) |
| MCM HP500 | Bravo One | 470 (0F347187) | 502 (8.2) | GM (V8) |

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|--|----------------------------|------------------------------|-----------------|--------------------------------------|
| -----1995 Contd.----- | | | | |
| -----Hi-Performance Models Contd.----- | | | | |
| MCM HP500 | Bravo One | 470 (0F347185) | 540 (8.9) | GM/Mercury (V8) |
| MCM HP525 SC | Bravo One | 490 (0F347210) | 454 (7.4) | GM (V8) |
| MCM HP600 SC | III SSM, V SSM | 550 (0F213494) | 502 (8.2) | GM (V8) |
| MCM HP800 SC | III SSM, V SSM, VI SSM | 700 (0F213496) | 572 (9.4) | GM/Mercury (V8) |
| Transom S/N: Bravo Heavy Duty (0F410515), III SSM, V SSM (0F347255), VI SSM (0F348600). | | | | |
| Stern Drive S/N: Bravo One (0F387045), III SSM (0F347160), V SSM (Unknown), VI SSM (0F348620). | | | | |

| -----MIE Ski Models----- | | | | |
|---|--|-------------------|--------------|------------|
| MIE 5.7L Comp Ski | | 250 (0F349550) | 350 (5.7) | GM (V8) |
| MIE 350 Magnum Tournament Ski | | 265 (0F349150) | 350 (5.7) | GM (V8) |
| MIE 350 Magnum EFI Tournament Ski | | 265 (0F349400) | 350 (5.7) | GM (V8) |
| MIE 350 Magnum EFI/MP Tournament Ski | | 280 (0F350583) | 350 (5.7) | GM (V8) |
| MIE 454 Magnum EFI/MP a Tournament Ski | | 395 (0F349625) | 454 (7.4) | GM (V8) |
| a. Has stainless steel exhaust elbows. | | | | |

| -----MIE Inboard Models----- | | | | |
|---|--|-------------------------|--------------|-------------------------|
| MIE D3.0L/150 | | 140 (Unknown) | 183 (3.0) | VM Diesel (5) |
| MIE D3.6L/180 | | 180 (0F306551) | 219 (3.6) | VM Diesel (6) |
| MIE D4.2L/220 | | 210 (0F319302) | 254 (4.2) | VM Diesel (6) |
| MIE D7.3L/270 | | 262 (0F264969) | 444 (7.3) | Navistar Diesel (V8) |
| MIE 5.7L a b | | 250 LH/RH (0F349300) | 350 (5.7) | GM (V8) |
| a. Has stainless steel exhaust elbows. | | | | |
| b. MIE 5.7L: S/N 0F622101-0F622147 are <u>1996</u> model engines. | | | | |

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|-------|----------------------------|------------------------------|-----------------|--------------------------------------|
|-------|----------------------------|------------------------------|-----------------|--------------------------------------|

-----1995 Contd.-----

-----MIE Inboard Models Contd.-----

| | | | | |
|-------------------------|--|-------------------|--------------|------------|
| MIE 7.4L a | | 310 (0F350000) | 454 (7.4) | GM (V8) |
| MIE 7.4L EFI/MP a | | 350 (0F490697) | 454 (7.4) | GM (V8) |
| MIE 8.2L a b (4-bbl) | | 400 (0F350275) | 502 (8.2) | GM (V8) |

a. Have stainless steel exhaust elbows.

b. MIE 8.2L MPI Inboard Engines: S/N 0F775694 & 0F775695 are 1996 engines.

-----1996-----

-----MCM Alpha One Gen II Models-----

| | | | | |
|----------------------------|----------------------|-------------------|--------------|------------|
| MCM 3.0LX | 1.94:1 (0F713500) | 135 (0F604000) | 181 (3.0) | GM (4) |
| MCM 4.3L (2 bbl) | 1.81:1 (0F697500) | 160 (0F754517) | 262 (4.3) | GM (V6) |
| MCM 4.3LX (4 bbl) | 1.81:1 (0F697500) | 180 (0F601127) | 262 (4.3) | GM (V6) |
| MCM 4.3LX Gen+ (2 bbl) | 1.81:1 (0F697500) | 190 (0F803000) | 262 (4.3) | GM (V6) |
| MCM 4.3LXH Gen+ (4 bbl) | 1.62:1 (0F691000) | 205 (0F803114) | 262 (4.3) | GM (V6) |
| MCM 262 Mag EFI Gen+ | 1.62:1 (0F691000) | 205 (0F803800) | 262 (4.3) | GM (V6) |
| MCM 5.7L | 1.62:1 (0F680000) | 210 (0F601000) | 350 (5.7) | GM (V8) |
| MCM 5.7L EFI | 1.47:1 (0F680000) | 220 (0F746600) | 350 (5.7) | GM (V8) |
| MCM 5.7LX | 1.47:1 (0F680000) | 250 (0F601957) | 350 (5.7) | GM (V8) |
| MCM 5.7LX EFI | 1.47:1 (0F680000) | 250 (0F752400) | 350 (5.7) | GM (V8) |
| MCM 350 Mag | 1.47:1 (0F680000) | 250 (0F747339) | 350 (5.7) | GM (V8) |
| MCM 350 Mag EFI Gen+ | 1.47:1 (0F680000) | 280 (0F800500) | 350 (5.7) | GM (V8) |

Transom S/N: (0F630000).

Stern Drive S/N: 2.4:1 (0F728502).

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|--|--------------------------------|------------------------------|-----------------|--------------------------------------|
| -----1996 Contd.----- | | | | |
| -----MCM Bravo and BlackHawk Models----- | | | | |
| MCM D3.0L | Br 1- 1.5:1 Br 2- 2.20:1 | 140 (0D725460) | 183 (3.0) | VM Diesel (5) |
| MCM D3.6L | Br 1- 1.5:1 Br 2- 2.20:1 | 170 (0F306930) | 219 (3.6) | VM Diesel (6) |
| MCM D4.2L | Br 1- 1.5:1 Br 2- 2:1 | 200 (0F450251) | 254 (4.2) | VM Diesel (6) |
| MCM D7.3L | Br 2- 1.65:1 Br 3- 1.65:1 | 240 (Unknown) | 444 (7.3) | Navistar Diesel (V8) |
| MCM 4.3LX (4 bbl) | Br 3- 2.43:1 | 180 (0F605305) | 262 (4.3) | GM (V6) |
| MCM 4.3LX Gen+ (2 bbl) | Br 2- 2.20:1 Br 3- 2.43:1 | 190 (0F803100) | 262 (4.3) | GM (V6) |
| MCM 4.3LXH Gen+ (4 bbl) | Br 2- 2.20:1 Br 3- 2.43:1 | 205 (0F803400) | 262 (4.3) | GM (V6) |
| MCM 262 Mag EFI Gen+ | Br 2, 3- 2.20:1 | 205 (0F803802) | 262 (4.3) | GM (V6) |
| MCM 5.7L | Br 1-1.65:1 Br 2, 3- 2.20:1 | 210 (0F605336) | 350 (5.7) | GM (V8) |
| MCM 5.7L EFI | Br 1-1.65:1 Br 2, 3- 2.20:1 | 220 (0F746601) | 350 (5.7) | GM (V8) |
| MCM 5.7LX | Br 1-1.65:1 Br 2, 3- 2.20:1 | 250 (0F601465) | 350 (5.7) | GM (V8) |
| MCM 5.7LX EFI | Br 1-1.65:1 Br 2, 3- 2.20:1 | 250 (0F752408) | 350 (5.7) | GM (V8) |
| MCM 5.7LX EFI Gen+ | Br 1-1.5:1 Br 2, 3- 2:1 | 280 (0F800300) | 350 (5.7) | GM (V8) |
| MCM 350 Mag MPI Gen+ | Br 1-1.5:1 Br 2, 3- 2:1 | 300 (0F602000) | 350 (5.7) | GM (V8) |
| MCM 7.4L a Bravo 1 & 2 | Br 1-1.5:1 Br 2- 2:1 | 300 (0F603000) | 454 (7.4) | GM (V8) |
| MCM 7.4L PT b Bravo 3 | Br 3- 2:1 | 300 (0F603090) | 454 (7.4) | GM (V8) |

a. MCM 7.4L Bravo 1 & 2 Engines: S/N 0F614400-0F615359 are 1995 model engines.
b. MCM 7.4L PT Bravo 3 Engines: S/N 0F614416-0F615344 are 1995 model engines.

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|-------|----------------------------|------------------------------|-----------------|--------------------------------------|
|-------|----------------------------|------------------------------|-----------------|--------------------------------------|

-----1996 Contd.-----

-----MCM Bravo and BlackHawk Models Contd.-----

| | | | | |
|-------------------------------|--|-------------------|--------------|------------|
| MCM 7.4L a (Bravo 1,2 & 3) | Br 1-1.5:1 Br 2, 3- 2:1 | 300 (0F800700) | 454 (7.4) | GM (V8) |
| MCM 7.4LX EFI a b (TBI) | Br 1-1.5:1 Br 2, 3- 2:1 | 300 (0F820000) | 454 (7.4) | GM (V8) |
| MCM 7.4LX MPI a | Br 1-1.5:1 Br 2, 3- 2:1 | 330 (0F595275) | 454 (7.4) | GM (V8) |
| MCM 454 Mag a c (4-bbl) | Br 1-1.5:1 Br 2, 3- 1.81:1 | 350 (0F603188) | 454 (7.4) | GM (V8) |
| MCM 454 Mag a MPI | Br 1, BlkHwk- 1.5:1 Br 2, 3- 1.81:1 | 385 (0F602023) | 454 (7.4) | GM (V8) |
| MCM 502 Mag a MPI | Br 1, BlkHwk- 1.5:1 Br 2, 3- 1.81:1 | 415 (0F602019) | 502 (8.2) | GM (V8) |

Transom S/N: (0F630278), Heavy Duty (0F631060), Diesel (0F630561).

Stern Drive S/N: Bravo One (0F730000), Two (0F735975), Three (0F739125).

BlackHawk (0F744775).

a. Start of Gen VI, roller lifter models, S/N: 7.4L (0F800700), 7.4LX EFI (0F820000), 7.4LX MPI (0F802000), S/N: 454 Mag (0F801700), 454 Mag MPI (0F802350), 502 Mag MPI (0F802600).

b. This engine has cool fuel system on it.

c. MCM 454 Magnum Bravo (Carb) Engines: S/N 0F615085-0F615094 are 1995 model engines.

-----Hi-Performance Models-----

| | | | | |
|-----------------|---------------------------|-------------------|--------------|--------------------|
| MCM HP500 a | Bravo One | 470 (0F615762) | 502 (8.2) | GM (V8) |
| MCM 500 Bulldog | Bravo One | 470 (0F615767) | 540 (8.9) | GM/Mercury (V8) |
| MCM HP525 SC a | Bravo One | 500 (0F615814) | 454 (7.4) | GM (V8) |
| MCM HP600 SC | Three, Five, Six Drive | 550 (0F615828) | 502 (8.2) | GM (V8) |
| MCM HP800 SC | Three, Five, Six Drive | 700 (0F615830) | 572 (9.4) | GM/Mercury (V8) |

Transom S/N: Bravo Heavy Duty (0F631060), Three, Five Drive (Unknown), Six Drive (0F615750).

Stern Drive S/N: Bravo One (0F730000), Three Drive (0F615842), Five Drive (0F615915),

Six Drive (0F615700).

a. Start of Gen VI, roller lifter models, S/N: HP500 (0F745195), HP525 SC (0F745260).

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|--|----------------------------|------------------------------|-----------------|--------------------------------------|
| -----1996 Contd.----- | | | | |
| -----MIE Ski Models----- | | | | |
| MIE 5.7L Comp Ski | | 215 (0F775200) | 350 (5.7) | GM (V8) |
| MIE 350 Magnum Tournament Ski | | 265 (0F621700) | 350 (5.7) | GM (V8) |
| MIE 350 Magnum EFI Tournament Ski | | 265 (0F622000) | 350 (5.7) | GM (V8) |
| MIE 350 Magnum EFI Gen+ Tournament Ski | | 290 (0F820707) | 350 (5.7) | GM (V8) |
| MIE 350 Magnum MPI Tournament Ski | | 280 (0F745537) | 350 (5.7) | GM (V8) |
| Black Scorpion | | 315 (0F800000) | 350 (5.7) | GM (V8) |
| MIE 454 Magnum MPI a Tournament Ski | | 395 (0F746350) | 454 (7.4) | GM (V8) |
| a. Start of Gen VI, roller lifter models, S/N: (0F820100). | | | | |
| -----MIE Inboard Models----- | | | | |
| MIE D3.0L | | 150 (0D725461) | 183 (3.0) | VM Diesel (5) |
| MIE D3.6L | | 180 (0F306931) | 219 (3.6) | VM Diesel (6) |
| MIE D4.2L | | 210 (0F450250) | 254 (4.2) | VM Diesel (6) |
| MIE D7.3L | | 265 (Unknown) | 444 (7.3) | Navistar Diesel V8 |
| MIE 5.7L a | | 260 (0F746100) | 350 (5.7) | GM (V8) |
| MIE 7.4L b | | 310 (0F621506) | 454 (7.4) | GM (V8) |
| MIE 7.4L EFI b c (TBI) | | 310 (0F874815) | 454 (7.4) | GM (V8) |
| a. MIE 5.7L Inboard Engines: S/N 0F622101-0F622147 are 1996 model engines. | | | | |
| b. Start of Gen VI, roller lifter models, S/N: 7.4L (0F820142), 7.4L EFI (0F874815). | | | | |
| c. This engine has cool fuel system on it. | | | | |

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|-------|----------------------------|------------------------------|-----------------|--------------------------------------|
|-------|----------------------------|------------------------------|-----------------|--------------------------------------|

-----1996 Contd.-----

-----MIE Inboard Models Contd.-----

| | | | | |
|------------------|--|-------------------|--------------|------------|
| MIE 7.4L MPI a | | 340 (0F625050) | 454 (7.4) | GM (V8) |
| MIE 8.2L | | 400 (0F622199) | 502 (8.2) | GM (V8) |
| MIE 8.2L MPI a b | | 400 (0F819620) | 502 (8.2) | GM (V8) |

a. Start of Gen VI, roller lifter models, S/N: 7.4L MPI (0F820104), 8.2L MPI (0F819620).

b. MIE 8.2L MPI Inboard Engines: S/N 0F775694 & 0F775695 are 1996 model engines.

-----1997-----

-----MCM Alpha One Gen II Models-----

| | | | | |
|---------------------------|----------------------|-------------------|--------------|------------|
| MCM 3.0LX | 1.94:1 (0K075000) | 135 (0K001529) | 181 (3.0) | GM (4) |
| MCM 4.3LX Gen+ | 1.81:1 (0K060000) | 190 (0K002301) | 262 (4.3) | GM (V6) |
| MCM 4.3LXH Gen+ | 1.62:1 (0K050000) | 205 (0K002381) | 262 (4.3) | GM (V6) |
| MCM 262 a Mag EFI Gen+ | 1.62:1 (0K050000) | 205 (0K001511) | 262 (4.3) | GM (V6) |
| MCM 5.7L b | 1.62:1 (0K041000) | 210 (0K001527) | 350 (5.7) | GM (V8) |
| MCM 5.7L a b EFI | 1.47:1 (0K041000) | 220 (0K001506) | 350 (5.7) | GM (V8) |
| MCM 5.7LX | 1.47:1 (0K041000) | 250 (0K002169) | 350 (5.7) | GM (V8) |
| MCM 5.7LX a EFI | 1.47:1 (0K041000) | 250 (0K001526) | 350 (5.7) | GM (V8) |
| MCM 350 Mag | 1.47:1 (0K041000) | 250 (0K012110) | 350 (5.7) | GM (V8) |
| MCM 350 a Mag EFI Gen+ | 1.47:1 (0K041000) | 280 (0K001509) | 350 (5.7) | GM (V8) |

Transom S/N: (0K103630).

Stern Drive S/N: 2.4:1 (0K090000).

a. Have cool fuel system.

b. Start of roller lifter models, S/N: 5.7L (0K027777), 5.7L EFI (0K022344).

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|--|--|------------------------------|-----------------|--------------------------------------|
| -----1997 Contd.----- | | | | |
| ----MCM Bravo and BlackHawk Models---- | | | | |
| MCM D2.8L D-Tronic | Br 1- 1.5:1 Br 2- 2.20:1 | 150 (0K144109) | 171 (2.8) | VM Diesel (4) |
| MCM D3.6L | Br 1- 1.5:1 Br 2- 2.20:1, Br 3- Unkwn | 170 (0K144027) | 219 (3.6) | VM Diesel (6) |
| MCM D4.2L | Br 1- 1.5:1 Br 2- 2:1, Br 3- Unkwn | 200 (0K144101) | 254 (4.2) | VM Diesel (6) |
| MCM D4.2L D-Tronic | Br 1- 1.5:1 Br 2- 2:1, Br 3- Unkwn | 225 (0K144114) | 254 (4.2) | VM Diesel (6) |
| MCM 4.3LX Gen+ | Br 2- 2.20:1 Br 3- 2.43:1 | 190 (0K003539) | 262 (4.3) | GM (V6) |
| MCM 4.3LXH Gen+ | Br 2- 2.20:1 Br 3- 2.43:1 | 205 (0K008541) | 262 (4.3) | GM (V6) |
| MCM 262 Mag a EFI Gen+ | Br 2, 3- 2.20:1 | 205 (0K001514) | 262 (4.3) | GM (V6) |
| MCM 5.7L b | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 210 (0K008449) | 350 (5.7) | GM (V8) |
| MCM 5.7L EFI a b | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 220 (0K002025) | 350 (5.7) | GM (V8) |
| MCM 5.7LX | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 250 (0K002185) | 350 (5.7) | GM (V8) |
| MCM 5.7LX EFI a | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 250 (0K002021) | 350 (5.7) | GM (V8) |
| MCM 5.7LX a EFI Gen+ | Br 1- 1.5:1 Br 2, 3- 2:1 | 280 (0K002033) | 350 (5.7) | GM (V8) |
| MCM 350 Mag a MPI Gen+ | Br 1- 1.5:1 Br 2, 3- 2:1 | 300 (0K001501) | 350 (5.7) | GM (V8) |
| MCM 7.4L | Br 1- 1.5:1 Br 2, 3- 2:1 | 300 (0K004000) | 454 (7.4) | GM (V8) |

a. Has cool fuel system.

b. Start of roller lifter models, S/N: 5.7L (0K027299), 5.7L EFI (0K022344).

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|---|--|------------------------------|-----------------|--------------------------------------|
| -----1997 Contd.----- | | | | |
| -----MCM Bravo and BlackHawk Models Contd.----- | | | | |
| MCM 7.4LX a EFI (TBI) | Br 1- 1.5:1 Br 2, 3- 2:1 | 300 (0K001517) | 454 (7.4) | GM (V8) |
| MCM 7.4LX a MPI | Br 1- 1.5:1 Br 2, 3- 2:1 | 330 (0K005011) | 454 (7.4) | GM (V8) |
| MCM 454 Mag | Br 1- 1.5:1 Br 2, 3- 1.81:1 | 350 (0K004036) | 454 (7.4) | GM (V8) |
| MCM 454 Mag a MPI | Br 1, BlkHwk- 1.5:1 Br 2, 3- 1.81:1 | 385 (0K005000) | 454 (7.4) | GM (V8) |
| MCM 502 Mag a MPI | Br 1, BlkHwk- 1.5:1 Br 2, 3- 1.81:1 | 415 (0K005395) | 502 (8.2) | GM (V8) |
| Transom S/N: (0K103781), Magnum (0K104853), Diesel (0K104738). | | | | |
| Stern Drive S/N: Bravo One (0K091000), Two (0K096350), Three (0K098650). | | | | |
| BlackHawk (0K103400). | | | | |
| a. Start of cool fuel system, S/N: 7.4LX EFI (0K001517), 7.4LX MPI (0K147350), 454 Magnum MPI (0K147351), 502 Magnum MPI (0K147352). | | | | |
| -----Hi-Performance Models----- | | | | |
| MIE Scorpion 377 Ski | | 377 (0K000656) | 377 (6.2) | GM (V8) |
| MCM HP500 | Bravo One | 470 (0K000001) | 502 (8.2) | GM (V8) |
| MCM 500 Bulldog | Bravo One | 470 (0K000248) | 540 (8.9) | GM/Mercury (V8) |
| MCM HP525 SC | Bravo One | 500 (0K000012) | 454 (7.4) | GM (V8) |
| MCM HP600 SC (Bobtail) | | 550 (0K000227) | 502 (8.2) | GM (V8) |
| MCM HP800 SC | Three, Five, Six Drive | 700 (0K000248) | 572 (9.4) | GM/Mercury (V8) |
| Transom S/N: Bravo High Performance (0K111435), Three, Five Drive (0K000138), Six Drive (0K000121). | | | | |
| Stern Drive S/N: Bravo One 0K091000), Three Drive (0K000096), Five Drive (0K000090), Six Drive (0K000086). | | | | |
| -----MIE Ski Models----- | | | | |
| MIE 5.7L Comp Ski a | | 215 (0K040004) | 350 (5.7) | GM (V8) |
| a. Start of roller lifter models, S/N: 5.7L (0K144528). | | | | |

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|---|----------------------------|------------------------------|-----------------|--------------------------------------|
| -----1997 Contd.----- | | | | |
| -----MIE Ski Models Contd.----- | | | | |
| MIE 350 Magnum Tournament Ski | | 265 (0K040400) | 350 (5.7) | GM (V8) |
| MIE 350 Magnum EFI a Tournament Ski Gen+ | | 290 (0K040006) | 350 (5.7) | GM (V8) |
| Black Scorpion a | | 315 (0K040001) | 350 (5.7) | GM (V8) |

a. All EFI or MPI engines have cool fuel system at model year start.
Some ski models are built with a Walter V-Drive that is painted black.

| | | | | |
|------------------------------|--|---------------------|--------------|------------------|
| -----MIE Inboard Models----- | | | | |
| MIE D2.8L D-Tronic | | 165 (0K144109) | 171 (2.8) | VM Diesel (4) |
| MIE D3.6L | | 180 (0K144075) | 219 (3.6) | VM Diesel (6) |
| MIE D4.2L | | 210 (0K144073) | 254 (4.2) | VM Diesel (6) |
| MIE D4.2L D-Tronic | | 240 (0K144114) | 254 (4.2) | VM Diesel (6) |
| MIE 5.7L | | 260 (0K040307) | 350 (5.7) | GM (V8) |
| MIE 5.7L EFI Gen+ a | | 290 (0K040300) e | 350 (5.7) | GM (V8) |
| MIE 7.4L | | 310 (0K040009) | 454 (7.4) | GM (V8) |
| MIE 7.4L EFI a (TBI) | | 340 (0K144622) f | 454 (7.4) | GM (V8) |
| MIE 7.4L MPI a | | 340 (0K040008) f | 454 (7.4) | GM (V8) |
| MIE 8.2L MPI a | | 400 (0K040370) f | 502 (8.2) | GM (V8) |

a. Start of cool fuel system, S/N: 5.7L EFI (0K040300), 7.4L EFI (0K144622),
7.4L MPI (0K146350 & 0K146351, 0K146535) , 8.2L MPI (0K145122).

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|--|---|--------------------------------------|-------------------------|---|
| -----1998----- | | | | |
| -----MCM Alpha One Gen II Models----- | | | | |
| MCM 3.0L | 2:1 (0L100006) | 135 (0L010042) | 181 (3.0) | GM (4) |
| MCM 4.3L a | 1.81:1 (0L125850) | 190 (0L010065) | 262 (4.3) | GM (V6) |
| MCM 4.3LH a | 1.62:1 (0L110850) | 205 (0L010045) | 262 (4.3) | GM (V6) |
| MCM 4.3L EFI a | 1.62:1 (0L110850) | 210 (0L012009) | 262 (4.3) | GM (V6) |
| MCM 5.0L a | 1.62:1 (0L110850) | 220 (0L015751) | 305 (5.0) | GM (V8) |
| MCM 5.0L EFI a | 1.62:1 (0L110850) | 240 (0L012052) | 305 (5.0) | GM (V8) |
| MCM 5.7L a | 1.47:1 (0L100030) | 250 (0L010037) | 350 (5.7) | GM (V8) |
| MCM 5.7L EFI a | 1.47:1 (0L100030) | 260 (0L010035) | 350 (5.7) | GM (V8) |
| MCM 350 Mag a b MPI | 1.47:1 (0L100030) | 300 (0L010019) | 350 (5.7) | GM (V8) |
| Transom S/N: (0L200000). | | | | |
| Stern Drive S/N: 1.94:1 (0L140850), 2.4:1(0L150000). | | | | |
| a. Gen+ engines. | | | | |
| b. MEFI-2 | | | | |
| -----MCM Bravo and BlackHawk Models----- | | | | |
| MCM D2.8L D-Tronic | Br 1- 1.5:1 Br 2, 3- 2.20:1 | 150 (0L098000) | 171 (2.8) | VM Diesel (4) |
| MCM D3.6L | Br 1- 1.5:1 Br 2- 2.20:1, Br 3- 2:1 | 170 (0L098400) | 219 (3.6) | VM Diesel (6) |
| MCM D4.2L | Br 1- 1.5:1 Br 2- 2:1, Br 3- 1.81:1 | 200 (0L098500) | 254 (4.2) | VM Diesel (6) |
| MCM D4.2L D-Tronic | Br 1- 1.5:1 Br 2- 2:1, Br 3- 1.81:1 | 225 (0L098150) | 254 (4.2) | VM Diesel (6) |
| MCM D7.3L D-Tronic | Br 1- 1.5:1 Br 2- 1.81:1, Br 3- 1.65:1 | 270 (0L098300) | 270 (7.3) | Navistar Diesel (V8) |
| MCM 4.3L a | Br 2- 2.20:1 Br 3- 2.43:1 | 190 (0L010262) | 262 (4.3) | GM (V6) |
| a. Gen+ engine. | | | | |

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|---|------------------------------------|--------------------------------------|-------------------------|---|
| -----1998 Contd.----- | | | | |
| -----MCM Bravo and BlackHawk Models Contd.----- | | | | |
| MCM 4.3LH a | Br 2- 2.20:1 Br 3- 2.43:1 | 205 (0L010044) | 262 (4.3) | GM (V6) |
| MCM 4.3L EFI a | Br 2, 3- 2.20:1 | 210 (0L012054) | 262 (4.3) | GM (V6) |
| MCM 5.0L a | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 220 (0L019761) | 305 (5.0) | GM (V8) |
| MCM 5.0L EFI a | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 240 (0L019918) | 305 (5.0) | GM (V8) |
| MCM 5.7L a | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 250 (0L015148) | 350 (5.7) | GM (V8) |
| MCM 5.7L EFI a | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 260 (0L012080) | 350 (5.7) | GM (V8) |
| MCM 350 Mag a b MPI | Br 1- 1.5:1 Br 2, 3- 2:1 | 300 (0L010026) | 350 (5.7) | GM (V8) |
| MCM 7.4L MPI b c | Br 1- 1.5:1 Br 2, 3- 2:1 | 310 (0L010003) | 454 (7.4) | GM (V8) |
| MCM 454 Mag b MPI | Br 1- 1.5:1 Br 2, 3- 1.81:1 | 385 (0L010029) | 454 (7.4) | GM (V8) |
| MCM 502 Mag b MPI | Br 1- 1.5:1 Br 2, 3- 1.81:1 | 415 (0L017000) | 502 (8.2) | GM (V8) |

Transom S/N: (0L200662), Magnum (0L201644).

Stern Drive S/N: Bravo One (0L150025), One Perf (0L100000), Two (0L160750), Three (0L100021).
BlackHawk (0L164750).

a. Gen + engines.

b. 7.4L is L29, 454 and 502 are Gen VI engines.

c. MEFI-2

| -----Hi-Performance Models----- | | | | |
|---------------------------------|-------|-------------------|--------------|--------------------|
| MIE Scorpion 377 Ski | | 377 (Unknown) | 377 (6.2) | GM (V8) |
| MCM HP500 | Bravo | 470 (0L000001) | 502 (8.2) | GM (V8) |
| MCM 500 Bulldog | Bravo | 470 (0L000164) | 540 (8.9) | GM/Mercury (V8) |
| MCM HP525 SC | Bravo | 500 (0L000055) | 454 (7.4) | GM (V8) |
| MCM HP600 SC (Bobtail) | | 550 (0L000188) | 502 (8.2) | GM (V8) |

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|-------|----------------------------|------------------------------|-----------------|--------------------------------------|
|-------|----------------------------|------------------------------|-----------------|--------------------------------------|

-----1998 Contd.-----

-----Hi-Performance Models Contd.-----

| | | | | |
|--------------|---------------------|-------------------|--------------|--------------------|
| MCM HP800 SC | Three or Five Drive | 700 (0L000186) | 572 (9.4) | GM/Mercury (V8) |
| MCM HP900 SC | Six Drive | 850 (0L000856) | 540 (8.9) | GM/Mercury (V8) |

Transom S/N: Bravo HP (0L200722), Three, Five Drive (0L000428).
Stern Drive S/N: Bravo One (0L150025), One Perf (0L100000), Three Drive (0L000181),
Five Drive (0L000169), Six Drive (0L000285).

-----MIE Ski Models-----

| | | | | |
|---------------------------------------|--|-------------------|--------------|------------|
| MIE 5.7L Comp Ski a | | 260 (0L002005) | 350 (5.7) | GM (V8) |
| MIE 350 Mag MPI a b Tournament Ski | | 300 (0L002600) | 350 (5.7) | GM (V8) |
| Black Scorpion a c | | 315 (0L002700) | 350 (5.7) | GM (V8) |

a. Gen+ engines.

b. MEFI-2

c. Start of 87-octane fuel ECM and 90-mm throttle body (0L005601).

-----MIE Inboard Models-----

| | | | | |
|---------------------------|--|-------------------|--------------|------------------|
| MIE D2.8L D-Tronic | | 165 (0L098000) | 171 (2.8) | VM Diesel (4) |
| MIE D3.6L | | 180 (0L098400) | 219 (3.6) | VM Diesel (6) |
| MIE D4.2L | | 210 (0L098500) | 254 (4.2) | VM Diesel (6) |
| MIE D4.2L D-Tronic | | 240 (0L098150) | 254 (4.2) | VM Diesel (6) |
| MIE 5.7L a | | 260 (0L002003) | 350 (5.7) | GM (V8) |
| MIE 350 Mag MPI a b | | 300 (0L002008) | 350 (5.7) | GM (V8) |
| MIE 7.4L MPI b c | | 310 (0L002006) | 454 (7.4) | GM (V8) |
| MIE 454 Mag MPI Horizon c | | 380 (0L002200) | 454 (7.4) | GM (V8) |
| MIE 8.2L MPI c | | 400 (0L002450) | 502 (8.2) | GM (V8) |

a. Gen + engines.

b. MEFI-2

c. V8 7.4L is L29, 454 Mag and 8.2L Gen VI engines.

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|---------------------------------------|----------------------------|------------------------------|-----------------|--------------------------------------|
| -----1999----- | | | | |
| -----MCM Alpha One Gen II Models----- | | | | |
| MCM 3.0L a | 2:1 (0L197840) | 135 (0L097000) | 181 (3.0) | GM (4) |
| MCM 4.3L b | 1.81:1 (0L138772) | 190 (0L083044) | 262 (4.3) | GM (V6) |
| MCM 4.3LH b | 1.62:1 (0L191577) | 205 (0L084871) | 262 (4.3) | GM (V6) |
| MCM 4.3L EFI b c | 1.62:1 (0L191577) | 210 (0L082156) | 262 (4.3) | GM (V6) |
| MCM 5.0L | 1.62:1 (0L191577) | 220 (0L083534) | 305 (5.0) | GM (V8) |
| MCM 5.0L EFI c | 1.47:1 (0L109996) | 240 (0L081925) | 305 (5.0) | GM (V8) |
| MCM 5.7L | 1.47:1 (0L109996) | 250 (0L084385) | 350 (5.7) | GM (V8) |
| MCM 5.7L EFI c d | 1.47:1 (0L109996) | 260 (0L082188) | 350 (5.7) | GM (V8) |
| MCM 350 Mag c MPI | 1.47:1 (0L109996) | 300 (0L082643) | 350 (5.7) | GM (V8) |

Transom S/N: (0L280354).

Stern Drive S/N: 1.94:1 (0L142783), 2.4:1(0L185963).

a. Start of 3.0L with 14 in. flywheel. Start of 160 F thermostat and 2 degree ATDC timing (0L605518).

b. Start of metric fasteners at certain locations on 4.3L engines (0L320000). Start of MEFI-3 (0L360000).

c. Start of MEFI-3 (0L340000).

d. Start of SAV1 approved 5.7L EFI (0L058620).

| -----MCM Bravo Models----- | | | | |
|----------------------------|---|-------------------|--------------|-------------------------|
| MCM D2. 8L D-Tronic | Br 1- 1.5:1 Br 2, 3- 2.20:1 | 150 (Unknown) | 171 (2.8) | VM Diesel (4) |
| MCM D3.6L | Br 1- 1.5:1 Br 2- 2.20:1, Br 3- 2:1 | 170 (Unknown) | 219 (3.6) | VM Diesel (6) |
| MCM D4.2L | Br 1- 1.5:1 Br 2- 2:1, Br 3- 1.81:1 | 200 (Unknown) | 254 (4.2) | VM Diesel (6) |
| MCM D4.2L D-Tronic | Br 1- 1.5:1 Br 2- 2:1, Br 3- 1.81:1 | 225 (Unknown) | 254 (4.2) | VM Diesel (6) |
| MCM D7.3L D-Tronic | Br 1- 1.5:1 Br 2- 1.81:1, Br 3- 1.65:1 | 270 (0L050050) | 270 (7.3) | Navistar Diesel (V8) |

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|-------|----------------------------|------------------------------|-----------------|--------------------------------------|
|-------|----------------------------|------------------------------|-----------------|--------------------------------------|

-----1999 Contd.-----

-----MCM Bravo Models Contd.-----

| | | | | |
|----------------------|---------------------------------|-------------------|--------------|------------|
| MCM 4.3L a | Br 2- 2.20:1 Br 3- 2.43:1 | 190 (0L087644) | 262 (4.3) | GM (V6) |
| MCM 4.3LH a | Br 2- 2.20:1 Br 3- 2.43:1 | 205 (0L083692) | 262 (4.3) | GM (V6) |
| MCM 4.3L EFI a b | Br 2, 3- 2.20:1 | 210 (0L082263) | 262 (4.3) | GM (V6) |
| MCM 5.0L | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 220 (0L087245) | 305 (5.0) | GM (V8) |
| MCM 5.0L EFI b | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 240 (0L082388) | 305 (5.0) | GM (V8) |
| MCM 5.7L | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 250 (0L083215) | 350 (5.7) | GM (V8) |
| MCM 5.7L EFI b c | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 260 (0L082135) | 350 (5.7) | GM (V8) |
| MCM 350 Mag b MPI | Br 1- 1.5:1 Br 2, 3- 2:1 | 300 (0L082144) | 350 (5.7) | GM (V8) |
| MCM 7.4L MPI d | Br 1- 1.5:1 Br 2, 3- 2:1 | 310 (0L085014) | 454 (7.4) | GM (V8) |
| MCM 454 Mag d MPI | Br 1- 1.5:1 Br 2, 3- 1.81:1 | 385 (0L085400) | 454 (7.4) | GM (V8) |
| MCM 502 Mag d MPI | Br 1- 1.5:1 Br 2, 3- 1.81:1 | 415 (0L085433) | 502 (8.2) | GM (V8) |

Transom S/N: Std (0L280347), Magnum (0L280662), Diesel (0L250577).

Stern Drive S/N: Bravo One (0L150263), One Perf (0L185755), Two (0L160862), Three (0L173374).

V8 7.4L is L29, 454 and 502 are Gen VI engines.

a. Start of metric fasteners at certain locations on 4.3L engines (0L320000). Start of MEFI-3 (0L360000).

b. Start of MEFI-3 (0L340000).

c. Start of SAV1 approved 5.7L EFI (0L058500).

d. Start of MEFI-3 at S/N shown.

-----Hi-Performance Models-----

| | | | | |
|-------------------------|-------|-------------------|--------------|------------|
| MIE Scorpion 377 Ski | | 377 (Unknown) | 377 (6.2) | GM (V8) |
| MCM HP500 (Carb) | Bravo | 470 (0L414644) | 502 (8.2) | GM (V8) |

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|--|----------------------------|------------------------------|-----------------|--------------------------------------|
| -----1999 Contd.----- | | | | |
| -----Hi-Performance Models Contd.----- | | | | |
| MCM HP500 EFI | Bravo | 470 (0L001496) | 502 (8.2) | GM (V8) |
| MCM 500 Bulldog | Bravo | 470 (0L414620) | 540 (8.9) | GM/Mercury (V8) |
| MCM HP525 SC | Bravo | 500 (0L414720) | 454 (7.4) | GM (V8) |
| MCM HP600 SC (Bobtail) | | 550 (0L414734) | 502 (8.2) | GM (V8) |
| MCM HP800 SC | IIIA or V Drive | 700 (0L414638) | 572 (9.4) | GM/Mercury (V8) |
| MCM HP900 SC | VI Drive | 850 (0L414629) | 540 (8.9) | GM/Mercury (V8) |
| Transom S/N: Bravo HP (0L280662), IIIA, V Drive (0L001817), VI (0L001800). | | | | |
| Stern Drive S/N: Bravo One (0L150263), One Perf (0L185755), IIIA Drive (0L001663), V Drive (0L001519), VI Drive (0L001505). | | | | |
| -----MIE Ski Models----- | | | | |
| MIE 5.7L Ski | | 270 (0L008937) | 350 (5.7) | GM (V8) |
| MIE 350 Mag MPI a | | 315 (0L009688) | 350 (5.7) | GM (V8) |
| Black Scorpion a | | 330 (0L009337) | 350 (5.7) | GM (V8) |
| a. Start of MEFI-3 MIE 350 Mag MPI (0L304600), Black Scorpion (0L304550). | | | | |
| -----MIE Inboard Models----- | | | | |
| MIE D2.8L D-Tronic | | 165 (Unknown) | 171 (2.8) | VM Diesel (4) |
| MIE D3.6L | | 180 (Unknown) | 219 (3.6) | VM Diesel (6) |
| MIE D4.2L | | 210 (Unknown) | 254 (4.2) | VM Diesel (6) |
| MIE D4.2L D-Tronic | | 240 (Unknown) | 254 (4.2) | VM Diesel (6) |
| MIE 5.7L | | 260 (0L006236) | 350 (5.7) | GM (V8) |

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|--|----------------------------|------------------------------|-----------------|--------------------------------------|
| -----1995 Contd.----- | | | | |
| -----Hi-Performance Models Contd.----- | | | | |
| MCM HP500 | Bravo One | 470 (0F347185) | 540 (8.9) | GM/Mercury (V8) |
| MCM HP525 SC | Bravo One | 490 (0F347210) | 454 (7.4) | GM (V8) |
| MCM HP600 SC | III SSM, V SSM | 550 (0F213494) | 502 (8.2) | GM (V8) |
| MCM HP800 SC | III SSM, V SSM, VI SSM | 700 (0F213496) | 572 (9.4) | GM/Mercury (V8) |
| Transom S/N: Bravo Heavy Duty (0F410515), III SSM, V SSM (0F347255), VI SSM (0F348600). | | | | |
| Stern Drive S/N: Bravo One (0F387045), III SSM (0F347160), V SSM (Unknown), VI SSM (0F348620). | | | | |

| -----MIE Ski Models----- | | | | |
|---|--|-------------------|--------------|------------|
| MIE 5.7L Comp Ski | | 250 (0F349550) | 350 (5.7) | GM (V8) |
| MIE 350 Magnum Tournament Ski | | 265 (0F349150) | 350 (5.7) | GM (V8) |
| MIE 350 Magnum EFI Tournament Ski | | 265 (0F349400) | 350 (5.7) | GM (V8) |
| MIE 350 Magnum EFI/MP Tournament Ski | | 280 (0F350583) | 350 (5.7) | GM (V8) |
| MIE 454 Magnum EFI/MP a Tournament Ski | | 395 (0F349625) | 454 (7.4) | GM (V8) |
| a. Has stainless steel exhaust elbows. | | | | |

| -----MIE Inboard Models----- | | | | |
|---|--|-------------------------|--------------|-------------------------|
| MIE D3.0L/150 | | 140 (Unknown) | 183 (3.0) | VM Diesel (5) |
| MIE D3.6L/180 | | 180 (0F306551) | 219 (3.6) | VM Diesel (6) |
| MIE D4.2L/220 | | 210 (0F319302) | 254 (4.2) | VM Diesel (6) |
| MIE D7.3L/270 | | 262 (0F264969) | 444 (7.3) | Navistar Diesel (V8) |
| MIE 5.7L a b | | 250 LH/RH (0F349300) | 350 (5.7) | GM (V8) |
| a. Has stainless steel exhaust elbows. | | | | |
| b. MIE 5.7L: S/N 0F622101-0F622147 are <u>1996</u> model engines. | | | | |

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|-------|----------------------------|------------------------------|-----------------|--------------------------------------|
|-------|----------------------------|------------------------------|-----------------|--------------------------------------|

-----1995 Contd.-----

----MIE Inboard Models Contd.----

| | | | | |
|-------------------------|--|-------------------|--------------|------------|
| MIE 7.4L a | | 310 (0F350000) | 454 (7.4) | GM (V8) |
| MIE 7.4L EFI/MP a | | 350 (0F490697) | 454 (7.4) | GM (V8) |
| MIE 8.2L a b (4-bbl) | | 400 (0F350275) | 502 (8.2) | GM (V8) |

a. Have stainless steel exhaust elbows.

b. MIE 8.2L MPI Inboard Engines: S/N 0F775694 & 0F775695 are 1996 engines.

-----1996-----

----MCM Alpha One Gen II Models----

| | | | | |
|----------------------------|----------------------|-------------------|--------------|------------|
| MCM 3.0LX | 1.94:1 (0F713500) | 135 (0F604000) | 181 (3.0) | GM (4) |
| MCM 4.3L (2 bbl) | 1.81:1 (0F697500) | 160 (0F754517) | 262 (4.3) | GM (V6) |
| MCM 4.3LX (4 bbl) | 1.81:1 (0F697500) | 180 (0F601127) | 262 (4.3) | GM (V6) |
| MCM 4.3LX Gen+ (2 bbl) | 1.81:1 (0F697500) | 190 (0F803000) | 262 (4.3) | GM (V6) |
| MCM 4.3LXH Gen+ (4 bbl) | 1.62:1 (0F691000) | 205 (0F803114) | 262 (4.3) | GM (V6) |
| MCM 262 Mag EFI Gen+ | 1.62:1 (0F691000) | 205 (0F803800) | 262 (4.3) | GM (V6) |
| MCM 5.7L | 1.62:1 (0F680000) | 210 (0F601000) | 350 (5.7) | GM (V8) |
| MCM 5.7L EFI | 1.47:1 (0F680000) | 220 (0F746600) | 350 (5.7) | GM (V8) |
| MCM 5.7LX | 1.47:1 (0F680000) | 250 (0F601957) | 350 (5.7) | GM (V8) |
| MCM 5.7LX EFI | 1.47:1 (0F680000) | 250 (0F752400) | 350 (5.7) | GM (V8) |
| MCM 350 Mag | 1.47:1 (0F680000) | 250 (0F747339) | 350 (5.7) | GM (V8) |
| MCM 350 Mag EFI Gen+ | 1.47:1 (0F680000) | 280 (0F800500) | 350 (5.7) | GM (V8) |

Transom S/N: (0F630000).
Stern Drive S/N: 2.4:1 (0F728502).

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|--|--------------------------------|------------------------------|-----------------|--------------------------------------|
| -----1996 Contd.----- | | | | |
| -----MCM Bravo and BlackHawk Models----- | | | | |
| MCM D3.0L | Br 1- 1.5:1 Br 2- 2.20:1 | 140 (0D725460) | 183 (3.0) | VM Diesel (5) |
| MCM D3.6L | Br 1- 1.5:1 Br 2- 2.20:1 | 170 (0F306930) | 219 (3.6) | VM Diesel (6) |
| MCM D4.2L | Br 1- 1.5:1 Br 2- 2:1 | 200 (0F450251) | 254 (4.2) | VM Diesel (6) |
| MCM D7.3L | Br 2- 1.65:1 Br 3- 1.65:1 | 240 (Unknown) | 444 (7.3) | Navistar Diesel (V8) |
| MCM 4.3LX (4 bbl) | Br 3- 2.43:1 | 180 (0F605305) | 262 (4.3) | GM (V6) |
| MCM 4.3LX Gen+ (2 bbl) | Br 2- 2.20:1 Br 3- 2.43:1 | 190 (0F803100) | 262 (4.3) | GM (V6) |
| MCM 4.3LXH Gen+ (4 bbl) | Br 2- 2.20:1 Br 3- 2.43:1 | 205 (0F803400) | 262 (4.3) | GM (V6) |
| MCM 262 Mag EFI Gen+ | Br 2, 3- 2.20:1 | 205 (0F803802) | 262 (4.3) | GM (V6) |
| MCM 5.7L | Br 1-1.65:1 Br 2, 3- 2.20:1 | 210 (0F605336) | 350 (5.7) | GM (V8) |
| MCM 5.7L EFI | Br 1-1.65:1 Br 2, 3- 2.20:1 | 220 (0F746601) | 350 (5.7) | GM (V8) |
| MCM 5.7LX | Br 1-1.65:1 Br 2, 3- 2.20:1 | 250 (0F601465) | 350 (5.7) | GM (V8) |
| MCM 5.7LX EFI | Br 1-1.65:1 Br 2, 3- 2.20:1 | 250 (0F752408) | 350 (5.7) | GM (V8) |
| MCM 5.7LX EFI Gen+ | Br 1-1.5:1 Br 2, 3- 2:1 | 280 (0F800300) | 350 (5.7) | GM (V8) |
| MCM 350 Mag MPI Gen+ | Br 1-1.5:1 Br 2, 3- 2:1 | 300 (0F602000) | 350 (5.7) | GM (V8) |
| MCM 7.4L a Bravo 1 & 2 | Br 1-1.5:1 Br 2- 2:1 | 300 (0F603000) | 454 (7.4) | GM (V8) |
| MCM 7.4L PT b Bravo 3 | Br 3- 2:1 | 300 (0F603090) | 454 (7.4) | GM (V8) |

a. MCM 7.4L Bravo 1 & 2 Engines: S/N 0F614400-0F615359 are 1995 model engines.
b. MCM 7.4L PT Bravo 3 Engines: S/N 0F614416-0F615344 are 1995 model engines.

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|-------|----------------------------|------------------------------|-----------------|--------------------------------------|
|-------|----------------------------|------------------------------|-----------------|--------------------------------------|

-----1996 Contd.-----

-----MCM Bravo and BlackHawk Models Contd.-----

| | | | | |
|-------------------------------|--|-------------------|--------------|------------|
| MCM 7.4L a (Bravo 1,2 & 3) | Br 1-1.5:1 Br 2, 3- 2:1 | 300 (0F800700) | 454 (7.4) | GM (V8) |
| MCM 7.4LX EFI a b (TBI) | Br 1-1.5:1 Br 2, 3- 2:1 | 300 (0F820000) | 454 (7.4) | GM (V8) |
| MCM 7.4LX MPI a | Br 1-1.5:1 Br 2, 3- 2:1 | 330 (0F595275) | 454 (7.4) | GM (V8) |
| MCM 454 Mag a c (4-bbl) | Br 1-1.5:1 Br 2, 3- 1.81:1 | 350 (0F603188) | 454 (7.4) | GM (V8) |
| MCM 454 Mag a MPI | Br 1, BlkHwk- 1.5:1 Br 2, 3- 1.81:1 | 385 (0F602023) | 454 (7.4) | GM (V8) |
| MCM 502 Mag a MPI | Br 1, BlkHwk- 1.5:1 Br 2, 3- 1.81:1 | 415 (0F602019) | 502 (8.2) | GM (V8) |

Transom S/N: (0F630278), Heavy Duty (0F631060), Diesel (0F630561).
Stern Drive S/N: Bravo One (0F730000), Two (0F735975), Three (0F739125).
BlackHawk (0F744775).

- a. Start of Gen VI, roller lifter models, S/N: 7.4L (0F800700), 7.4LX EFI (0F820000), 7.4LX MPI (0F802000),
S/N: 454 Mag (0F801700), 454 Mag MPI (0F802350), 502 Mag MPI (0F802600).
b. This engine has cool fuel system on it.
c. MCM 454 Magnum Bravo (Carb) Engines: S/N 0F615085-0F615094 are 1995 model engines.

-----Hi-Performance Models-----

| | | | | |
|-----------------|---------------------------|-------------------|--------------|--------------------|
| MCM HP500 a | Bravo One | 470 (0F615762) | 502 (8.2) | GM (V8) |
| MCM 500 Bulldog | Bravo One | 470 (0F615767) | 540 (8.9) | GM/Mercury (V8) |
| MCM HP525 SC a | Bravo One | 500 (0F615814) | 454 (7.4) | GM (V8) |
| MCM HP600 SC | Three, Five, Six Drive | 550 (0F615828) | 502 (8.2) | GM (V8) |
| MCM HP800 SC | Three, Five, Six Drive | 700 (0F615830) | 572 (9.4) | GM/Mercury (V8) |

Transom S/N: Bravo Heavy Duty (0F631060), Three, Five Drive (Unknown), Six Drive (0F615750).
Stern Drive S/N: Bravo One (0F730000), Three Drive (0F615842), Five Drive (0F615915),
Six Drive (0F615700).

- a. Start of Gen VI, roller lifter models, S/N: HP500 (0F745195), HP525 SC (0F745260).

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|--|----------------------------|------------------------------|-----------------|--------------------------------------|
| -----1996 Contd.----- | | | | |
| -----MIE Ski Models----- | | | | |
| MIE 5.7L Comp Ski | | 215 (0F775200) | 350 (5.7) | GM (V8) |
| MIE 350 Magnum Tournament Ski | | 265 (0F621700) | 350 (5.7) | GM (V8) |
| MIE 350 Magnum EFI Tournament Ski | | 265 (0F622000) | 350 (5.7) | GM (V8) |
| MIE 350 Magnum EFI Gen+ Tournament Ski | | 290 (0F820707) | 350 (5.7) | GM (V8) |
| MIE 350 Magnum MPI Tournament Ski | | 280 (0F745537) | 350 (5.7) | GM (V8) |
| Black Scorpion | | 315 (0F800000) | 350 (5.7) | GM (V8) |
| MIE 454 Magnum MPI a Tournament Ski | | 395 (0F746350) | 454 (7.4) | GM (V8) |
| a. Start of Gen VI, roller lifter models, S/N: (0F820100). | | | | |
| -----MIE Inboard Models----- | | | | |
| MIE D3.0L | | 150 (0D725461) | 183 (3.0) | VM Diesel (5) |
| MIE D3.6L | | 180 (0F306931) | 219 (3.6) | VM Diesel (6) |
| MIE D4.2L | | 210 (0F450250) | 254 (4.2) | VM Diesel (6) |
| MIE D7.3L | | 265 (Unknown) | 444 (7.3) | Navistar Diesel V8 |
| MIE 5.7L a | | 260 (0F746100) | 350 (5.7) | GM (V8) |
| MIE 7.4L b | | 310 (0F621506) | 454 (7.4) | GM (V8) |
| MIE 7.4L EFI b c (TBI) | | 310 (0F874815) | 454 (7.4) | GM (V8) |
| a. MIE 5.7L Inboard Engines: S/N 0F622101-0F622147 are 1996 model engines. | | | | |
| b. Start of Gen VI, roller lifter models, S/N: 7.4L (0F820142), 7.4L EFI (0F874815). | | | | |
| c. This engine has cool fuel system on it. | | | | |

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|-------|----------------------------|------------------------------|-----------------|--------------------------------------|
|-------|----------------------------|------------------------------|-----------------|--------------------------------------|

-----1996 Contd.-----

----MIE Inboard Models Contd.----

| | | | | |
|------------------|--|-------------------|--------------|------------|
| MIE 7.4L MPI a | | 340 (0F625050) | 454 (7.4) | GM (V8) |
| MIE 8.2L | | 400 (0F622199) | 502 (8.2) | GM (V8) |
| MIE 8.2L MPI a b | | 400 (0F819620) | 502 (8.2) | GM (V8) |

a. Start of Gen VI, roller lifter models, S/N: 7.4L MPI (0F820104), 8.2L MPI (0F819620).
b. MIE 8.2L MPI Inboard Engines: S/N 0F775694 & 0F775695 are 1996 model engines.

-----1997-----

----MCM Alpha One Gen II Models----

| | | | | |
|---------------------------|----------------------|-------------------|--------------|------------|
| MCM 3.0LX | 1.94:1 (0K075000) | 135 (0K001529) | 181 (3.0) | GM (4) |
| MCM 4.3LX Gen+ | 1.81:1 (0K060000) | 190 (0K002301) | 262 (4.3) | GM (V6) |
| MCM 4.3LXH Gen+ | 1.62:1 (0K050000) | 205 (0K002381) | 262 (4.3) | GM (V6) |
| MCM 262 a Mag EFI Gen+ | 1.62:1 (0K050000) | 205 (0K001511) | 262 (4.3) | GM (V6) |
| MCM 5.7L b | 1.62:1 (0K041000) | 210 (0K001527) | 350 (5.7) | GM (V8) |
| MCM 5.7L a b EFI | 1.47:1 (0K041000) | 220 (0K001506) | 350 (5.7) | GM (V8) |
| MCM 5.7LX | 1.47:1 (0K041000) | 250 (0K002169) | 350 (5.7) | GM (V8) |
| MCM 5.7LX a EFI | 1.47:1 (0K041000) | 250 (0K001526) | 350 (5.7) | GM (V8) |
| MCM 350 Mag | 1.47:1 (0K041000) | 250 (0K012110) | 350 (5.7) | GM (V8) |
| MCM 350 a Mag EFI Gen+ | 1.47:1 (0K041000) | 280 (0K001509) | 350 (5.7) | GM (V8) |

Transom S/N: (0K103630).
Stern Drive S/N: 2.4:1 (0K090000).

a. Have cool fuel system.
b. Start of roller lifter models, S/N: 5.7L (0K027777), 5.7L EFI (0K022344).

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|--|--|------------------------------|-----------------|--------------------------------------|
| -----1997 Contd.----- | | | | |
| -----MCM Bravo and BlackHawk Models----- | | | | |
| MCM D2.8L D-Tronic | Br 1- 1.5:1 Br 2- 2.20:1 | 150 (0K144109) | 171 (2.8) | VM Diesel (4) |
| MCM D3.6L | Br 1- 1.5:1 Br 2- 2.20:1, Br 3- Unkwn | 170 (0K144027) | 219 (3.6) | VM Diesel (6) |
| MCM D4.2L | Br 1- 1.5:1 Br 2- 2:1, Br 3- Unkwn | 200 (0K144101) | 254 (4.2) | VM Diesel (6) |
| MCM D4.2L D-Tronic | Br 1- 1.5:1 Br 2- 2:1, Br 3- Unkwn | 225 (0K144114) | 254 (4.2) | VM Diesel (6) |
| MCM 4.3LX Gen+ | Br 2- 2.20:1 Br 3- 2.43:1 | 190 (0K003539) | 262 (4.3) | GM (V6) |
| MCM 4.3LXH Gen+ | Br 2- 2.20:1 Br 3- 2.43:1 | 205 (0K008541) | 262 (4.3) | GM (V6) |
| MCM 262 Mag a EFI Gen+ | Br 2, 3- 2.20:1 | 205 (0K001514) | 262 (4.3) | GM (V6) |
| MCM 5.7L b | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 210 (0K008449) | 350 (5.7) | GM (V8) |
| MCM 5.7L EFI a b | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 220 (0K002025) | 350 (5.7) | GM (V8) |
| MCM 5.7LX | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 250 (0K002185) | 350 (5.7) | GM (V8) |
| MCM 5.7LX EFI a | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 250 (0K002021) | 350 (5.7) | GM (V8) |
| MCM 5.7LX a EFI Gen+ | Br 1- 1.5:1 Br 2, 3- 2:1 | 280 (0K002033) | 350 (5.7) | GM (V8) |
| MCM 350 Mag a MPI Gen+ | Br 1- 1.5:1 Br 2, 3- 2:1 | 300 (0K001501) | 350 (5.7) | GM (V8) |
| MCM 7.4L | Br 1- 1.5:1 Br 2, 3- 2:1 | 300 (0K004000) | 454 (7.4) | GM (V8) |

a. Has cool fuel system.

b. Start of roller lifter models, S/N: 5.7L (0K027299), 5.7L EFI (0K022344).

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|-------|----------------------------|------------------------------|-----------------|--------------------------------------|
|-------|----------------------------|------------------------------|-----------------|--------------------------------------|

-----1997 Contd.-----

-----MCM Bravo and BlackHawk Models Contd.-----

| | | | | |
|--------------------------|--|-------------------|--------------|------------|
| MCM 7.4LX a EFI (TBI) | Br 1- 1.5:1 Br 2, 3- 2:1 | 300 (0K001517) | 454 (7.4) | GM (V8) |
| MCM 7.4LX a MPI | Br 1- 1.5:1 Br 2, 3- 2:1 | 330 (0K005011) | 454 (7.4) | GM (V8) |
| MCM 454 Mag | Br 1- 1.5:1 Br 2, 3- 1.81:1 | 350 (0K004036) | 454 (7.4) | GM (V8) |
| MCM 454 Mag a MPI | Br 1, BlkHwk- 1.5:1 Br 2, 3- 1.81:1 | 385 (0K005000) | 454 (7.4) | GM (V8) |
| MCM 502 Mag a MPI | Br 1, BlkHwk- 1.5:1 Br 2, 3- 1.81:1 | 415 (0K005395) | 502 (8.2) | GM (V8) |

Transom S/N: (0K103781), Magnum (0K104853), Diesel (0K104738).

Stern Drive S/N: Bravo One (0K091000), Two (0K096350), Three (0K098650).

BlackHawk (0K103400).

a. Start of cool fuel system, S/N: 7.4LX EFI (0K001517), 7.4LX MPI (0K147350),
454 Magnum MPI (0K147351), 502 Magnum MPI (0K147352).

-----Hi-Performance Models-----

| | | | | |
|-------------------------|---------------------------|-------------------|--------------|--------------------|
| MIE Scorpion 377 Ski | | 377 (0K000656) | 377 (6.2) | GM (V8) |
| MCM HP500 | Bravo One | 470 (0K000001) | 502 (8.2) | GM (V8) |
| MCM 500 Bulldog | Bravo One | 470 (0K000248) | 540 (8.9) | GM/Mercury (V8) |
| MCM HP525 SC | Bravo One | 500 (0K000012) | 454 (7.4) | GM (V8) |
| MCM HP600 SC (Bobtail) | | 550 (0K000227) | 502 (8.2) | GM (V8) |
| MCM HP800 SC | Three, Five, Six Drive | 700 (0K000248) | 572 (9.4) | GM/Mercury (V8) |

Transom S/N: Bravo High Performance (0K111435), Three, Five Drive (0K000138), Six Drive (0K000121).

Stern Drive S/N: Bravo One (0K091000), Three Drive (0K000096), Five Drive (0K000090),
Six Drive (0K000086).

-----MIE Ski Models-----

| | | | | |
|---------------------|--|-------------------|--------------|------------|
| MIE 5.7L Comp Ski a | | 215 (0K040004) | 350 (5.7) | GM (V8) |
|---------------------|--|-------------------|--------------|------------|

a. Start of roller lifter models, S/N: 5.7L (0K144528).

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|-------|----------------------------|------------------------------|-----------------|--------------------------------------|
|-------|----------------------------|------------------------------|-----------------|--------------------------------------|

-----1997 Contd.-----

-----MIE Ski Models Contd.-----

| | | | | |
|---|--|-------------------|--------------|------------|
| MIE 350 Magnum Tournament Ski | | 265 (0K040400) | 350 (5.7) | GM (V8) |
| MIE 350 Magnum EFI a Tournament Ski Gen+ | | 290 (0K040006) | 350 (5.7) | GM (V8) |
| Black Scorpion a | | 315 (0K040001) | 350 (5.7) | GM (V8) |

a. All EFI or MPI engines have cool fuel system at model year start.
Some ski models are built with a Walter V-Drive that is painted black.

-----MIE Inboard Models-----

| | | | | |
|-------------------------|--|---------------------|--------------|------------------|
| MIE D2.8L D-Tronic | | 165 (0K144109) | 171 (2.8) | VM Diesel (4) |
| MIE D3.6L | | 180 (0K144075) | 219 (3.6) | VM Diesel (6) |
| MIE D4.2L | | 210 (0K144073) | 254 (4.2) | VM Diesel (6) |
| MIE D4.2L D-Tronic | | 240 (0K144114) | 254 (4.2) | VM Diesel (6) |
| MIE 5.7L | | 260 (0K040307) | 350 (5.7) | GM (V8) |
| MIE 5.7L EFI Gen+ a | | 290 (0K040300) e | 350 (5.7) | GM (V8) |
| MIE 7.4L | | 310 (0K040009) | 454 (7.4) | GM (V8) |
| MIE 7.4L EFI a (TBI) | | 340 (0K144622) f | 454 (7.4) | GM (V8) |
| MIE 7.4L MPI a | | 340 (0K040008) f | 454 (7.4) | GM (V8) |
| MIE 8.2L MPI a | | 400 (0K040370) f | 502 (8.2) | GM (V8) |

a. Start of cool fuel system, S/N: 5.7L EFI (0K040300), 7.4L EFI (0K144622),
7.4L MPI (0K146350 & 0K146351, 0K146535), 8.2L MPI (0K145122).

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|-------------------------------------|----------------------------|------------------------------|-----------------|--------------------------------------|
| -----1999 Contd.----- | | | | |
| -----MIE Inboard Models Contd.----- | | | | |
| MIE 350 Mag MPI a | | 300 (0L006729) | 350 (5.7) | GM (V8) |
| MIE 350 Mag MPI Horizon b | | 300 (0L304700) | 350 (5.7) | GM (V8) |
| MIE 7.4L MPI b c | | 310 (0L086200) | 454 (7.4) | GM (V8) |
| MIE 454 Mag MPI Horizon b c | | 380 (0L086050) | 454 (7.4) | GM (V8) |
| MIE 8.2L MPI b c | | 400 (0L086013) | 502 (8.2) | GM (V8) |

- a. Start of MEFI-3 (0L302200).
b. Start of MEFI-3 at S/N shown.
c. V8 7.4L is L29, 454 Mag and 8.2L Gen VI engines.

| | | | | |
|---------------------------------------|--------|-------------------|--------------|------------|
| -----2000----- | | | | |
| -----MCM Alpha One Gen II Models----- | | | | |
| MCM 3.0L a | 2:1 | 135 (0L605518) | 181 (3.0) | GM (4) |
| MCM 4.3L b | 1.81:1 | 190 (0L604858) | 262 (4.3) | GM (V6) |
| MCM 4.3LH b | 1.62:1 | 205 (0L608052) | 262 (4.3) | GM (V6) |
| MCM 4.3L EFI b | 1.62:1 | 210 (0L604500) | 262 (4.3) | GM (V6) |
| MCM 5.0L b | 1.62:1 | 220 (0L604661) | 305 (5.0) | GM (V8) |
| MCM 5.0L EFI b | 1.47:1 | 240 (0L604763) | 305 (5.0) | GM (V8) |
| MCM 5.7L b | 1.47:1 | 250 (0L604588) | 350 (5.7) | GM (V8) |
| MCM 5.7L EFI b | 1.47:1 | 260 (0L606774) | 350 (5.7) | GM (V8) |

- a. Start of Single Point Drain system (0L630000), Start of Delco 65A alternator (0L382122).
b. Start of high mounted Delco 65A alternator, V6 (0L619084), 5.0L (0L619000), 5.7L (0L619108).

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|---|---|------------------------------|-----------------|--------------------------------------|
| -----2000 Contd.----- | | | | |
| -----MCM Alpha One Gen II Models Contd.----- | | | | |
| MCM 350 Mag a MPI | 1.47:1 | 300 (0L604540) | 350 (5.7) | GM (V8) |
| MCM 350 Mag a Horizon MPI | 1.47:1 | 300 (0L604000) | 350 (5.7) | GM (V8) |
| Transom S/N: (0L800000). | | | | |
| Stern Drive S/N: (0L700000). | | | | |
| a. Start of high mounted Delco 65A alternator, 350 Mag (0L619356). | | | | |
| -----MCM Bravo Models----- | | | | |
| MCM D2.8L D-Tronic | Br 1- 1.5:1 Br 2, 3- 2.20:1 | 150 (Unknown) | 171 (2.8) | VM Diesel (4) |
| MCM D3.6L | Br 1- 1.5:1 Br 2- 2.20:1, Br 3- 2:1 | 170 (Unknown) | 219 (3.6) | VM Diesel (6) |
| MCM D4.2L | Br 1- 1.5:1 Br 2- 2:1, Br 3- 1.81:1 | 200 (Unknown) | 254 (4.2) | VM Diesel (6) |
| MCM D4.2L D-Tronic | Br 1- 1.5:1 Br 2- 2:1, Br 3- 1.81:1 | 225 (Unknown) | 254 (4.2) | VM Diesel (6) |
| MCM D7.3L D-Tronic | Br 1- 1.5:1 Br 2- 1.81:1, Br 3- 1.65:1 | 270 (Unknown) | 270 (7.3) | Navistar Diesel (V8) |
| MCM 4.3L a | Br 2- 2.20:1 Br 3- 2.43:1 | 190 (0L607473) | 262 (4.3) | GM (V6) |
| MCM 4.3LH a | Br 2- 2.20:1 Br 3- 2.43:1 | 205 (0L624185) | 262 (4.3) | GM (V6) |
| MCM 4.3L EFI a | Br 2, 3- 2.20:1 | 210 (0L612676) | 262 (4.3) | GM (V6) |
| MCM 5.0L a | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 220 (0L605812) | 305 (5.0) | GM (V8) |
| MCM 5.0L EFI a | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 240 (0L607385) | 305 (5.0) | GM (V8) |
| MCM 5.7L a | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 250 (0L606994) | 350 (5.7) | GM (V8) |
| MCM 5.7L EFI a | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 260 (0L604811) | 350 (5.7) | GM (V8) |
| a. Start of high mounted Delco 65A alternator, V6 (0L619084), 5.0L (0L619000), 5.7L (0L619108). | | | | |

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|-------|----------------------------|------------------------------|-----------------|--------------------------------------|
|-------|----------------------------|------------------------------|-----------------|--------------------------------------|

-----2000 Contd.-----

-----MCM Bravo Models Contd.-----

| | | | | |
|------------------------------|--------------------------------|-------------------|--------------|------------|
| MCM 350 a Mag MPI | Br 1- 1.5:1 Br 2, 3- 2:1 | 300 (0L604552) | 350 (5.7) | GM (V8) |
| MCM 350 Mag a MPI Horizon | Br 1- 1.5:1 Br 2, 3- 2:1 | 300 (0L604000) | 350 (5.7) | GM (V8) |
| MCM 7.4L MPI | Br 1- 1.5:1 Br 2, 3- 2:1 | 310 (0L605000) | 454 (7.4) | GM (V8) |
| MCM 454 Mag MPI | Br 1- 1.5:1 Br 2, 3- 1.81:1 | 385 (0L605300) | 454 (7.4) | GM (V8) |
| MCM 454 Mag MPI Horizon | Br 1- 1.5:1 Br 2, 3- 1.81:1 | 385 (0L604250) | 454 (7.4) | GM (V8) |
| MCM 502 Mag MPI | Br 1- 1.5:1 Br 2, 3- 1.81:1 | 415 (0L605403) | 502 (8.2) | GM (V8) |

Transom S/N: Bravo, Bravo Magnum (0L800000).

Stern Drive S/N: Bravo One, Two, Three (0L700000).

a. Start of nigh mounted Delco 65A alternator, 350 Mag (0L619356).

-----Hi-Performance Models-----

| | | | | |
|------------------------|---------------------|-------------------|--------------|--------------------|
| MIE Scorpion 377 Ski | | 377 (0L600306) | 377 (6.2) | GM (V8) |
| MCM Scorpion 377 | Bravo | 377 (0L416146) | 377 (6.2) | GM (V8) |
| MCM HP500 (Carb) | Bravo | 470 (0L005359) | 502 (8.2) | GM (V8) |
| MCM HP500 EFI a | Bravo | 470 (0L005358) | 502 (8.2) | GM (V8) |
| MCM 500 Bulldog | Bravo | 470 (0L005357) | 540 (8.9) | GM/Mercury (V8) |
| MCM HP575 SCi a | Bravo One XR Six | 550 (0L601000) | 502 (8.2) | GM (V8) |
| MCM HP600 SC (Bobtail) | | 550 (0L600188) | 502 (8.2) | GM (V8) |
| MCM HP900 SC a | VI Drive | 850 (0L600989) | 540 (8.9) | GM/Mercury (V8) |

Transom S/N: Bravo (0L800000), IIIA, V Drive (Unknown), VI (Unknown).

Stern Drive S/N: Bravo One (0L700000), IIIA Drive (Unknown), V Drive (Unknown), VI Drive (Unknown).

a. These S/N engines are 2001 models. MCM HP500 EFI S/N (0L306500-0L307037),

MCM HP575 SCi S/N (0L306500-0L307037), MCM HP900 SC (0L306805-0L306948).

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|------------------------------|------------------------------------|--------------------------------------|-------------------------|---|
| -----2000 Contd.----- | | | | |
| -----MIE Ski Models----- | | | | |
| MIE 5.7L Ski | | 270 (0L390500) | 350 (5.7) | GM (V8) |
| MIE 350 Mag MPI Ski | | 315 (0L390000) | 350 (5.7) | GM (V8) |
| Black Scorpion | | 330 (0L390700) | 350 (5.7) | GM (V8) |
| -----MIE Inboard Models----- | | | | |
| MIE D2.8L D-Tronic | | 165 (Unknown) | 171 (2.8) | VM Diesel (4) |
| MIE D3.6L | | 180 (Unknown) | 219 (3.6) | VM Diesel (6) |
| MIE D4.2L | | 210 (Unknown) | 254 (4.2) | VM Diesel (6) |
| MIE D4.2L D-Tronic | | 240 (Unknown) | 254 (4.2) | VM Diesel (6) |
| MIE D7.3L D-Tronic | | 290 (Unknown) | 270 (7.3) | Navistar Diesel (V8) |
| MIE 5.7L | | 260 (0L390600) | 350 (5.7) | GM (V8) |
| MIE 350 Mag MPI | | 300 (0L390200) | 350 (5.7) | GM (V8) |
| MIE 350 Mag MPI Horizon | | 300 (0L390400) | 350 (5.7) | GM (V8) |
| MIE 7.4L MPI | | 310 (0L390100) | 454 (7.4) | GM (V8) |
| MIE 454 Mag MPI Horizon | | 380 (0L390300) | 454 (7.4) | GM (V8) |
| MIE 8.2L MPI | | 400 (0L390650) | 502 (8.2) | GM (V8) |

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|--|---|------------------------------|-----------------|--------------------------------------|
| -----2001----- | | | | |
| -----MCM Alpha One Gen II Models----- | | | | |
| MCM D1.7L DTI | 2:1 | 120 (0M055001) | 102.7 (1.7L) | Izusu Diesel (4) |
| MCM 3.0L | 2:1 | 135 (0M000692) | 181 (3.0) | GM (4) |
| MCM 4.3L | 1.81:1 | 190 (0M000442) | 262 (4.3) | GM (V6) |
| MCM 4.3LH | 1.62:1 | 205 (0M001193) | 262 (4.3) | GM (V6) |
| MCM 4.3L EFI | 1.62:1 | 210 (0M002367) | 262 (4.3) | GM (V6) |
| MCM 5.0L | 1.62:1 | 220 (0M001599) | 305 (5.0) | GM (V8) |
| MCM 5.0L EFI | 1.47:1 | 240 (0M001077) | 305 (5.0) | GM (V8) |
| MCM 5.7L | 1.47:1 | 250 (0M000628) | 350 (5.7) | GM (V8) |
| MCM 5.7L EFI | 1.47:1 | 260 (0M001263) | 350 (5.7) | GM (V8) |
| MCM 350 Mag MPI | 1.47:1 | 300 (0M002559) | 350 (5.7) | GM (V8) |
| MCM 350 Mag Horizon MPI Transom S/N: (0L878289). Stern Drive S/N: (0L700712). | 1.47:1 | 300 (0M009344) | 350 (5.7) | GM (V8) |
| -----MCM Bravo Models----- | | | | |
| MCM D2.8L D-Tronic | Br 1- 1.5:1 Br 2, 3- 2.20:1 | 150 (Unknown) | 171 (2.8) | VM Diesel (4) |
| MCM D4.2L a | Br 1- 1.5:1 Br 2- 2:1, Br 3- 1.81:1 | 200 (Unknown) | 254 (4.2) | VM Diesel (6) |
| MCM D4.2L D-Tronic | Br 1- 1.5:1 Br 2- 2:1, Br 3- 1.81:1 | 225 (Unknown) | 254 (4.2) | VM Diesel (6) |
| MCM D7.3L b D-Tronic | Br 1- 1.5:1 Br 2- 1.81:1, Br 3- 1.65:1 | 270 (Unknown) | 270 (7.3) | Navistar Diesel (V8) |
| a. LD (Light Duty) 180 propshaft hp version available also. | | | | |
| b. LD (Light Duty) 235 propshaft hp version available also. | | | | |

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|-----------------------------------|------------------------------------|--------------------------------------|-------------------------|---|
| -----2001 Contd.----- | | | | |
| -----MCM Bravo Models Contd.----- | | | | |
| MCM 4.3L | Br 2- 2.20:1 Br 3- 2.43:1 | 190 (0M006411) | 262 (4.3) | GM (V6) |
| MCM 4.3LH | Br 2- 2.20:1 Br 3- 2.43:1 | 205 (0M001192) | 262 (4.3) | GM (V6) |
| MCM 4.3L EFI | Br 2, 3- 2.20:1 | 210 (0M006812) | 262 (4.3) | GM (V6) |
| MCM 5.0L | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 220 (0M000400) | 305 (5.0) | GM (V8) |
| MCM 5.0L EFI | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 240 (0M000502) | 305 (5.0) | GM (V8) |
| MCM 5.7L | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 250 (0M000930) | 350 (5.7) | GM (V8) |
| MCM 5.7L EFI | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 260 (0M000586) | 350 (5.7) | GM (V8) |
| MCM 350 Mag MPI | Br 1- 1.5:1 Br 2, 3- 2:1 | 300 (0M000565) | 350 (5.7) | GM (V8) |
| MCM 350 Mag MPI Horizon | Br 1- 1.5:1 Br 2, 3- 2:1 | 300 (0M000544) | 350 (5.7) | GM (V8) |
| MCM MX 6.2 a MPI | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 320 (0M001973) | 377 (6.2) | GM (V8) |
| MCM 7.4L MPI | Br 1- 1.5:1 Br 2, 3- 2:1 | 310 (0M000200) | 454 (7.4) | GM (V8) |
| MCM 454 Mag MPI | Br 1- 1.5:1 Br 2, 3- 1.81:1 | 385 (0M000017) | 454 (7.4) | GM (V8) |
| MCM 454 Mag Horizon MPI | Br 1- 1.5:1 Br 2, 3- 1.81:1 | 385 (0M000094) | 454 (7.4) | GM (V8) |
| MCM 496 Mag | Br 1- 1.5:1 Br 2, 3- 1.81:1 | 375 (0M025000) | 496 (8.1) | GM V8 |
| MCM 496 Mag HO | Br 1- 1.5:1 Br 2, 3- 1.81:1 | 425 (0M025000) | 496 (8.1) | GM V8 |

a. Engine has crankshaft, camshaft, pistons, bearings and modified conrods installed by Stillwater.

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|-------|----------------------------|------------------------------|-----------------|--------------------------------------|
|-------|----------------------------|------------------------------|-----------------|--------------------------------------|

-----2001 Contd.-----

-----MCM Bravo Models Contd.-----

| | | | | |
|-----------------|--|-------------------|--------------|------------|
| MCM 502 Mag MPI | | 415 (0M000001) | 502 (8.2) | GM (V8) |
|-----------------|--|-------------------|--------------|------------|

Transom S/N: Bravo, Bravo Magnum, Bravo Diesel (0L878460).

Stern Drive S/N: Bravo One (0L750674), Two (0L751251), Three (0L768479),

Bravo Diesel One X (0L750674), Two X (0L751251), Three X (0L768479).

-----Hi-Performance Models-----

| | | | | |
|------------------|------------------------------------|-------------------|--------------|--------------------|
| MCM Scorpion 377 | Bravo One, Bravo One XZ | 377 (0M050211) | 377 (6.2) | GM (V8) |
| MCM HP500 EFI a | Bravo One XZ Bravo One XR, Six | 470 (0M050000) | 502 (8.2) | GM (V8) |
| MCM 500 Bulldog | Bravo One XZ, Bravo One XR, Six | 470 (0M050067) | 540 (8.9) | GM/Mercury (V8) |
| MCM HP575 SCi a | Bravo One XR Six | 550 (0M050000) | 502 (8.2) | GM (V8) |
| MCM HP900 SC a | Six | 850 (0M050175) | 540 (8.9) | GM/Mercury (V8) |

Transom S/N: Bravo, Bravo HP (0L878460), Six (0L601208).

Stern Drive S/N: Bravo One, XR, XZ (0L750674), Six Drive (0L000285).

a. These engines are 2001 models also. MCM HP500 EFI S/N (0L306500-0L307037),

MCM HP575 SCi S/N (0L306500-0L307037), MCM HP900 SC (0L306805-0L306948).

-----MIE Ski Models-----

| | | | | |
|--------------------------------|--|-------------------|--------------|------------|
| MIE 5.7L Ski | | 270 (0L396886) | 350 (5.7) | GM (V8) |
| MIE 350 Mag MPI Ski | | 315 (0L398892) | 350 (5.7) | GM (V8) |
| MIE Black Scorpion | | 330 (0L398148) | 350 (5.7) | GM (V8) |
| MIE MX 6.2 a Black Scorpion | | 340 (0L670015) | 377 (6.2) | GM (V8) |

a. Engine has crankshaft, camshaft, pistons, bearings and modified conrods installed by Stillwater.

-----MIE Inboard Models-----

| | | | | |
|--------------------|--|------------------|--------------|------------------|
| MIE D2.8L D-Tronic | | 160 (Unknown) | 171 (2.8) | VM Diesel (4) |
| MIE D4.2L a | | 210 (Unknown) | 254 (4.2) | VM Diesel (6) |

a. LD (Light Duty) 195 propshaft hp version available also.

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|-------------------------------------|------------------------------------|--------------------------------------|-------------------------|---|
| -----2001 Contd.----- | | | | |
| -----MIE Inboard Models Contd.----- | | | | |
| MIE D4.2L D-Tronic | | 240 (Unknown) | 254 (4.2) | VM Diesel (6) |
| MIE D7.3L D-Tronic a | | 290 (Unknown) | 270 (7.3) | Navistar Diesel (V8) |
| MIE 5.7L | | 260 (0L397867) | 350 (5.7) | GM (V8) |
| MIE 350 Mag MPI | | 300 (0L397733) | 350 (5.7) | GM (V8) |
| MIE 350 Mag MPI Horizon | | 300 (0L397962) | 350 (5.7) | GM (V8) |
| MIE MX 6.2 b | | 320 (0L670000) | 377 (6.2) | GM (V8) |
| MIE 7.4L MPI | | 310 (0L398643) | 454 (7.4) | GM (V8) |
| MIE 454 Mag MPI Horizon | | 380 (0L398513) | 454 (7.4) | GM (V8) |
| MIE 8.1S MPI Horizon | | 370 (0M026000) | 496 (8.1) | GM (V8) |
| MIE 8.1S HO MPI | | 420 (0M026000) | 496 (8.1) | GM (V8) |
| MIE 8.2L MPI | | 400 (0L397846) | 502 (8.2) | GM (V8) |

a. LD (Light Duty) 250 propshaft hp version available also.

b. Engine has crankshaft, camshaft, pistons, bearings and modified conrods installed by Stillwater.

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|-------|----------------------------|------------------------------|-----------------|--------------------------------------|
|-------|----------------------------|------------------------------|-----------------|--------------------------------------|

-----2002-----

-----MCM Alpha One Gen II Models-----

| | | | | |
|--------------------------|--------|-------------------|-----------------|---------------------|
| MCM D1.7L DTI | 2:1 | 116 (Unknown) | 102.7 (1.7L) | Izusu Diesel (4) |
| MCM 3.0L | 2:1 | 135 (0M087452) | 181 (3.0) | GM (4) |
| MCM 4.3L a b | 1.81:1 | 190 (0M087548) | 262 (4.3) | GM (V6) |
| MCM 4.3L a b c d MPI | 1.62:1 | 220 (0M322781) | 262 (4.3) | GM (V6) |
| MCM 5.0L b | 1.62:1 | 220 (0M087348) | 305 (5.0) | GM (V8) |
| MCM 5.0L b c d MPI | 1.62:1 | 260 (0M320415) | 305 (5.0) | GM (V8) |
| MCM 5.7L b | 1.62:1 | 250 (0M087654) | 350 (5.7) | GM (V8) |
| MCM 350 b c d Mag MPI | 1.47:1 | 300 (0M320590) | 350 (5.7) | GM (V8) |

Transom S/N: (0M272490).

Stern Drive S/N: (0L945931).

a. Start of 2-pcs exhaust manifolds, (0M324698).

b. Start of 50 mm diameter alternator pulley, V6/V8 (0M320025).

c. Start of GM IAFM (GMEFI) intake.

d. No boost pump or in-line filter on Alpha MPI engines.

-----MCM Bravo Models-----

| | | | | |
|-------------------------|---|------------------|--------------|-------------------------|
| MCM D2.8L D-Tronic | Br 1- 1.5:1 Br 2, 3- 2.20:1 | 150 (Unknown) | 171 (2.8) | VM Diesel (4) |
| MCM D4.2L a | Br 1- 1.5:1 Br 2- 2:1, Br 3- 1.81:1 | 200 (Unknown) | 254 (4.2) | VM Diesel (6) |
| MCM D4.2L b D-Tronic | Br 1- 1.5:1 Br 2- 2:1, Br 3- 1.81:1 | 225 (Unknown) | 254 (4.2) | VM Diesel (6) |
| MCM D7.3L c D-Tronic | Br 1- 1.5:1 Br 2- 1.81:1, Br 3- 1.65:1 | 270 (Unknown) | 270 (7.3) | Navistar Diesel (V8) |

a. LD (Light Duty) 180 propshaft hp version available also.

b. D4.2L 300 270 propshaft hp version available also.

c. LD (Light Duty) 235 propshaft hp version available also.

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|--|---------------------------------|------------------------------|-----------------|--------------------------------------|
| -----2002 Contd.----- | | | | |
| -----MCM Bravo Models Contd.----- | | | | |
| MCM 4.3L a b | Br 2- 2.20:1 Br 3- 2.43:1 | 190 (0M089485) | 262 (4.3) | GM (V6) |
| MCM 4.3L a b c MPI | Br 2, 3- 2.20:1 | 220 (0M322893) | 262 (4.3) | GM (V6) |
| MCM 5.0L b | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 220 (0M088600) | 305 (5.0) | GM (V8) |
| MCM 5.0L b c d MPI | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 260 (0M320766) | 305 (5.0) | GM (V8) |
| MCM 5.7L b | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 250 (0M087280) | 350 (5.7) | GM (V8) |
| MCM 350 b c d Mag MPI | Br 1- 1.5:1 Br 2, 3- 2:1 | 300 (0M320675) | 350 (5.7) | GM (V8) |
| MCM 350 b c d Mag MPI Horizon | Br 1- 1.5:1 Br 2, 3- 2:1 | 300 (0M321480) | 350 (5.7) | GM (V8) |
| MCM MX6.2 b c d e MPI | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 320 (0M320614) | 377 (6.2) | GM (V8) |
| MCM MX6.2 b c d e Horizon MPI | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 320 (0M321066) | 377 (6.2) | GM (V8) |
| MCM 496 Mag f | Br 1- 1.5:1 Br 2, 3- 1.81:1 | 375 (0M084403) | 496 (8.1) | GM V8 |
| MCM 496 f Mag HO | No Primary Gear Ratio | 425 (0M084367) | 496 (8.1) | GM V8 |
| Transom S/N: Bravo, Bravo Magnum, Diesel (0M272464). | | | | |
| Stern Drive S/N: Bravo One, XZ, XR, Two, Three (0M134899), Bravo Diesel One X, Two X, Three X (0M134899). | | | | |
| a. Start of 2-pcs exhaust manifolds, (0M324698). | | | | |
| b. Start of 50 mm diameter alternator pulley, (0M320025). | | | | |
| c. Start of GM IAFM (GMEFI) intake. | | | | |
| d. Start of boost pump and in-line filter, 5.0L (0M336102), 350 MPI (0M336443), 6.2 (0M336671). | | | | |
| e. Start of new camshaft, S/N shown. | | | | |
| f. Start of in-line filter, (0M336102). | | | | |

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|---|------------------------------------|------------------------------|-----------------|--------------------------------------|
| -----2002 Contd.----- | | | | |
| -----Hi-Performance Models----- | | | | |
| MCM Scorpion 377 | Bravo One, Bravo One XZ | 377 (0M052308) | 377 (6.2) | GM (V8) |
| MCM HP500 EFI | Bravo One XZ Bravo One XR, Six | 470 (0M052001) | 502 (8.2) | GM (V8) |
| MCM 500 Bulldog | Bravo One XZ, Bravo One XR, Six | 470 (0M052537) | 540 (8.9) | GM/Mercury (V8) |
| MCM HP575 SCi | Bravo One XR Six | 550 (0M052021) | 502 (8.2) | GM (V8) |
| MCM HP900 SC | Six | 850 (0M052359) | 540 (8.9) | GM/Mercury (V8) |
| Transom S/N: Bravo, Bravo HP (0M272464), Six (Unknown). | | | | |
| Stern Drive S/N: Bravo One, XR, XZ (0M134899), Bravo One Sportmaster (Unknown), Six Drive (Unknown). | | | | |

| | | | | |
|---|--|-------------------|--------------|------------|
| -----MIE Tow Sport Models----- | | | | |
| MIE 5.7L Ski a | | 270 (0L676695) | 350 (5.7) | GM (V8) |
| MIE 350 Mag MPI a b c | | 315 (0M310010) | 350 (5.7) | GM (V8) |
| MIE Black Scorpion a c (5.7L) | | 330 (0L676746) | 350 (5.7) | GM (V8) |
| MIE MX 6.2 a c d Black Scorpion | | 340 (0L679131) | 377 (6.2) | GM (V8) |
| a. Start of 50 mm diameter alternator pulley, 5.7L (0L678785), 350 Mag (0M310022), Black Scorpion-5.7L (0L678037), Black Scorpion-6.2L (0L679131). | | | | |
| b. Start of GM IAFM (GMEFI) intake. | | | | |
| c. Start of boost pump and in-line filter, 350 MPI (0M312122), Black Scorpion-5.7L (0L679432), Black Scorpion 6.2L-(0L679176). | | | | |
| d. Start of new camshaft and MEFI-3 ECM cal. | | | | |

| | | | | |
|---|--|------------------|--------------|------------------|
| -----MIE Inboard Models----- | | | | |
| MIE D2.8L D-Tronic | | 160 (Unknown) | 171 (2.8) | VM Diesel (4) |
| MIE D4.2L a | | 210 (Unknown) | 254 (4.2) | VM Diesel (6) |
| MIE D4.2L b D-Tronic | | 240 (Unknown) | 254 (4.2) | VM Diesel (6) |
| a. LD (Light Duty) 195 propshaft hp version available also. | | | | |
| b. D4.2L 300 290 propshaft hp version available also. | | | | |

| Model | Drive Unit (Serial No.) | Propshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|-------------------------------------|----------------------------|------------------------------|-----------------|--------------------------------------|
| -----2002 Contd.----- | | | | |
| -----MIE Inboard Models Contd.----- | | | | |
| MIE D7.3L a D-Tronic | | 290 (Unknown) | 270 (7.3) | Navistar Diesel (V8) |
| MIE 5.7L b | | 260 (0L677203) | 350 (5.7) | GM (V8) |
| MIE 350 Mag MPI b c d | | 300 (0M310001) | 350 (5.7) | GM (V8) |
| MIE 350 Mag MPI b c d Horizon | | 300 (0M310002) | 350 (5.7) | GM (V8) |
| MIE MX 6.2 b c d e | | 320 (0M310008) | 377 (6.2) | GM (V8) |
| MIE MX 6.2 MPI b c d e Horizon | | 320 (0M311000) | 377 (6.2) | GM (V8) |
| MIE 8.1S MPI f Horizon | | 370 (0M027359) | 496 (8.1) | GM (V8) |
| MIE 8.1S HO MPI f | | 420 (0M027427) | 496 (8.1) | GM (V8) |

- a. LD (Light Duty) 250 propshaft hp version available also.
b. Start of 50 mm diameter alternator pulley, 5.7L (0L677227), 350 Mag (0L678399), 6.2L (0M310100).
c. Start of GM IAFM (GMEFI) intake.
d. Start of boost pump and in-line filter, 350 MPI (0M311444), 6.2 MPI (0M311054).
e. Start of new camshaft S/N shown.
f. Start of in-line filter, (0M310989).

| Model | Drive Unit (Serial No.) | Propshaft hp Crankshaft hp a (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|-------|----------------------------|---|-----------------|--------------------------------------|
|-------|----------------------------|---|-----------------|--------------------------------------|

-----2003-----

-----MCM Alpha One Gen II Models-----

| | | | | |
|------------------------|----------------------|-------------------|-----------------|---------------------|
| MCM D1.7L DTI | 2:1 (0M432201) | 116 (Unknown) | 102.7 (1.7L) | Izusu Diesel (4) |
| MCM 3.0L a | 2:1 (0M432201) | 135 (0M365048) | 181 (3.0) | GM (4) |
| MCM 4.3L a b | 1.81:1 (0M447690) | 190 (0M365392) | 262 (4.3) | GM (V6) |
| MCM 4.3L a b MPI | 1.62:1 (0M458660) | 220 (0M365640) | 262 (4.3) | GM (V6) |
| MCM 5.0L a b | 1.62:1 (0M458660) | 220 (0M365973) | 305 (5.0) | GM (V8) |
| MCM 5.0L a b MPI | 1.62:1 (0M458660) | 260 (0M365476) | 305 (5.0) | GM (V8) |
| MCM 5.7L a b | 1.62:1 (0M458660) | 250 (0M365690) | 350 (5.7) | GM (V8) |
| MCM 350 a b Mag MPI | 1.47:1 (0L950866) | 300 (0M367563) | 350 (5.7) | GM (V8) |

Transom S/N: (0M636914).

Stern Drive S/N: 1.94:1, 2.4:1 (0M426372).

a. Starting Jan 1, 2003, all gas engines were made to meet a California CARB regulation. Also, gas engine hp

is rated at the crankshaft. There was no change in the hp listed, just the hp measurement location changed. 3.0L: (0M385673), 4.3L: (0M624750), 4.3L MPI: (0M624499), 5.0L: (0M624672), 5.0L MPI: (0M624189), 5.7L: (0M625180), 350 MPI: (0M627001).

b. Start of Dry Joint manifolds. V6: (0M615000), V8: w/cold risers (0M600000), w/warm risers (0M615000).

-----MCM Bravo Models-----

| | | | | |
|-------------------------|---|-------------------|--------------|-------------------------|
| MCM D2.8L D-Tronic | Br 1- 1.5:1 Br 2, Br 3- 2.20:1 | 150 (Unknown) | 171 (2.8) | VM Diesel (4) |
| MCM D4.2L a | Br 1- 1.5:1 Br 2- 2:1, Br 3- 1.81:1 | 200 (Unknown) | 254 (4.2) | VM Diesel (6) |
| MCM D4.2L b D-Tronic | Br 1- 1.5:1 Br 2- 2:1, Br 3- 1.81:1 | 225 (Unknown) | 254 (4.2) | VM Diesel (6) |
| MCM D7.3L c D-Tronic | Br 1- 1.5:1 Br 2- 1.81:1, Br 3- 1.65:1 | 270 (0L677859) | 270 (7.3) | Navistar Diesel (V8) |

a. DI 180 propshaft hp version available also.

b. HO/300 270 propshaft hp version available also.

c. LD (Light Duty) 235 propshaft hp version available also.

| Model | Drive Unit (Serial No.) | Propshaft hp Crankshaft hp a (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|-----------------------------------|------------------------------------|--|-------------------------|---|
| -----2003 Contd.----- | | | | |
| -----MCM Bravo Models Contd.----- | | | | |
| MCM 4.3L a b | Br 2- 2.20:1 Br 3- 2.43:1 | 190 (0M365464) | 262 (4.3) | GM (V6) |
| MCM 4.3L a b MPI | Br 2, 3- 2.20:1 | 220 (0M365680) | 262 (4.3) | GM (V6) |
| MCM 5.0L a b | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 220 (0M365787) | 305 (5.0) | GM (V8) |
| MCM 5.0L a b MPI | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 260 (0M365145) | 305 (5.0) | GM (V8) |
| MCM 5.7L a b | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 250 (0M365739) | 350 (5.7) | GM (V8) |
| MCM 350 Mag a b MPI | Br 1- 1.5:1 Br 2, 3- 2:1 | 300 (0M365553) | 350 (5.7) | GM (V8) |
| MCM 350 Mag a b MPI Horizon | Br 1- 1.5:1 Br 2, 3- 2:1 | 300 (0M600024) | 350 (5.7) | GM (V8) |
| MCM MX6.2 a b MPI | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 320 (0M365949) | 377 (6.2) | GM (V8) |
| MCM MX6.2 a b Horizon MPI | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 320 (0M365238) | 377 (6.2) | GM (V8) |
| MCM 496 Mag a | Br 1- 1.5:1 Br 2, 3- 1.81:1 | 375 (0M364123) | 496 (8.1) | GM V8 |
| MCM 496 a Mag HO | No Primary Gear Ratio | 425 (0M364087) | 496 (8.1) | GM V8 |

Transom S/N: Bravo, Bravo Magnum, Diesel (0M537176).

Stern Drive S/N: Bravo One, X, XZ, XR (0M161518), Two, X (0M103065), Three, X (0M129438),
Bravo Diesel One X (0M161518), Two X (0M103065), Three X (0M129438).

a. Starting Jan 1, 2003, all gas engines were made to meet a California CARB regulation. Also, gas engine hp

is rated at the crankshaft. There was no change in the hp listed, just the hp measurement location changed.

4.3L: (0M626052), 4.3L MPI: (0M624475), 5.0L: (0M623983), 5.0L MPI: (0M624326), 5.7L: (0M629263),
350 MPI: (0M624403), 350 MPI Horizon: (0M624949), MX6.2 MPI: (0M624135),
MX 6.2 MPI Horizon: (0M627362), 496 Mag: (0M383250), 496 Mag DTS: (0M383425),
496 Mag HO: (0M383251).

b. Start of Dry Joint manifolds. V6: (0M615000), V8: w/cold risers (0M600000), w/warm risers (0M615000).

| Model | Drive Unit (Serial No.) | Propshaft hp Crankshaft hp a (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|-------|----------------------------|---|-----------------|--------------------------------------|
|-------|----------------------------|---|-----------------|--------------------------------------|

-----2003 Contd.-----

-----Hi-Performance Models-----

| | | | | |
|--------------------|-----------------------------------|------------------------------|--------------|--------------------|
| MCM Scorpion 377 a | Bravo One, Bravo One XZ | 377 (0M900024) | 377 (6.2) | GM (V8) |
| MCM HP500 EFI a | Bravo One XZ Bravo One XR, Six | PS-470, CS-500 (0M900064) | 502 (8.2) | GM (V8) |
| MCM HP525 EFI | Bravo One XZ Bravo One XR, Six | 500 (0M900146) | 502 (8.2) | GM (V8) |
| MCM HP575 SCi | Bravo One XR Six | 550 (0M900000) | 502 (8.2) | GM (V8) |
| MCM HP900 SC | Six | 900 (Unknown) | 542 (8.9) | GM/Mercury (V8) |

Transom S/N: Bravo, Bravo HP (0M537176), ITS, (0M052768), Six (0M050896).

Stern Drive S/N: Bravo One, XR, XZ (0M161518), Bravo One SportMaster (0M053448),
Six Drive (0M050969).

a. Starting Jan 1, 2003, all gas engines were made to meet a California CARB regulation. Also, gas engine hp is rated at the crankshaft. There was no change in the hp listed for the 377, just the 500 EFI.

-----MIE Tow Sport Models-----

| | | | | |
|------------------------------------|--|-------------------|--------------|------------|
| MIE 5.7L Ski a b | | 270 (0L679670) | 350 (5.7) | GM (V8) |
| MIE 350 Mag MPI a b | | 315 (0M314065) | 350 (5.7) | GM (V8) |
| MIE MX 6.2 MPI Ski a b | | 320 (0M317103) | 377 (6.2) | GM (V8) |
| MIE Black Scorpion a b c (5.7L) | | 330 (0L676746) | 350 (5.7) | GM (V8) |
| MIE Black Scorpion a b c (6.2L) | | 340 (0L679554) | 377 (6.2) | GM (V8) |

a. Starting Jan 1, 2003, all gas engines were made to meet a California CARB regulation. Also, gas engine hp is rated at the crankshaft. There was no change in the hp listed, just the hp measurement location changed.

5.7L: (0M390811), 350 MPI: (0M390678), MX6.2 MPI: (Unknown), Black Scorpion (5.7L): (Unknown), Black Scorpion (6.2L): (Unknown).

b. Start of Dry Joint manifolds. V8: w/cold risers (0M317000), w/warm risers (0M390000).

c. Start of ECM 555 on both Black Scorpion models S/N: 5.7L (0M391852), 6.2L (0M391878).

| Model | Propshaft hp Crankshaft hp a (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|--------------------------------|--|-------------------------|---|
| -----2003 Contd.----- | | | |
| ----MIE Inboard Models---- | | | |
| MIE D2.8L D-Tronic | 160 (Unknown) | 171 (2.8) | VM Diesel (4) |
| MIE D4.2L a | 210 (Unknown) | 254 (4.2) | VM Diesel (6) |
| MIE D4.2L D-Tronic b | 240 (Unknown) | 254 (4.2) | VM Diesel (6) |
| MIE D7.3L D-Tronic c | 290 (0L677863) | 270 (7.3) | Navistar Diesel (V8) |
| MIE 5.7L d e | 260 (0L679689) | 350 (5.7) | GM (V8) |
| MIE 350 Mag MPI d e | 300 (0M314100) | 350 (5.7) | GM (V8) |
| MIE 350 Mag MPI d e Horizon | 300 (0M314059) | 350 (5.7) | GM (V8) |
| MIE MX 6.2 d e | 320 (0M313712) | 377 (6.2) | GM (V8) |
| MIE MX 6.2 MPI d e Horizon | 320 (0M313715) | 377 (6.2) | GM (V8) |
| MIE 8.1S MPI d Horizon | 370 (0M313916) | 496 (8.1) | GM (V8) |
| MIE 8.1S HO MPI d | 420 0M313925) | 496 (8.1) | GM (V8) |

a. DI 195 propshaft hp version available also.

b. HO/300 270 propshaft hp version available also.

c. LD (Light Duty) 250 propshaft hp version available also.

d. Starting Jan 1, 2003, all gas engines were made to meet a California CARB regulation. Also, gas engine hp is rated at the crankshaft. There was no change in the hp listed, just the hp measurement location changed.

5.7L: (0M391024), 350 MPI: (0M390624), 350 MPI Horizon: (0M390649), MX6.2 MPI: (0M390284), MX 6.2 MPI Horizon: (0M390278), 8.1S: (0M315679), 8.1S HO: (0M315719).

e. Start of Dry Joint manifolds. V8: w/cold risers (0M317000), w/warm risers (0M390000).

| Model | Drive Unit (Serial No.) | Crankshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|-------|----------------------------|-------------------------------|-----------------|--------------------------------------|
|-------|----------------------------|-------------------------------|-----------------|--------------------------------------|

-----2004-----

-----MCM Alpha One Gen II Models-----

| | | | | |
|------------------------|--------|-------------------|--------------|------------|
| MCM 3.0L a b | 2:1 | 135 (0M655615) | 181 (3.0) | GM (4) |
| MCM 4.3L a b | 1.81:1 | 190 (0M655754) | 262 (4.3) | GM (V6) |
| MCM 4.3L a b MPI | 1.62:1 | 220 (0M656797) | 262 (4.3) | GM (V6) |
| MCM 5.0L a b | 1.62:1 | 220 (0M655291) | 305 (5.0) | GM (V8) |
| MCM 5.0L a b MPI | 1.62:1 | 260 (0M655692) | 305 (5.0) | GM (V8) |
| MCM 5.7L a b | 1.62:1 | 250 (0M655363) | 350 (5.7) | GM (V8) |
| MCM 350 a b Mag MPI | 1.47:1 | 300 (0M655558) | 350 (5.7) | GM (V8) |

No diesel models shown because all diesel models are under the Cummins MerCruiser Diesel project.
Transom S/N: (0M597538) b.

Stern Drive S/N: (0M478703). Other ratios, 1.94:1, 2.4:1.

a. Jan 1, 2004 California CARB calendar year starting S/N: 3.0L: (0M695797), 4.3L: (0M695943), 4.3L MPI: (0M696118), 5.0L: (0M695722), 5.0L MPI: (0M696663), 5.7L: (0M696663), 350 MPI: (0M696336).

b. Start of Quick-Connects on all affected models: (0W000000).

-----MCM Bravo Models-----

| | | | | |
|---------------------|---------------------------------|-------------------|--------------|------------|
| MCM 4.3L a b | Br 2- 2.20:1 Br 3- 2.43:1 | 190 (0M656106) | 262 (4.3) | GM (V6) |
| MCM 4.3L a b MPI | Br 2, 3- 2.20:1 | 220 (0M655926) | 262 (4.3) | GM (V6) |
| MCM 5.0L a b | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 220 (0M660739) | 305 (5.0) | GM (V8) |
| MCM 5.0L a b MPI | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 260 (0M655250) | 305 (5.0) | GM (V8) |
| MCM 5.7L a b | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 250 (0M656506) | 350 (5.7) | GM (V8) |

No diesel models shown because all diesel models are under the Cummins MerCruiser Diesel project.

a. See next page.

b. See next page.

| Model | Drive Unit (Serial No.) | Crankshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|-------|----------------------------|-------------------------------|-----------------|--------------------------------------|
|-------|----------------------------|-------------------------------|-----------------|--------------------------------------|

-----2004 Contd.-----

-----MCM Bravo Models Contd.-----

| | | | | |
|--------------------------------|---------------------------------|-------------------|--------------|------------|
| MCM 350 Mag a b MPI | Br 1- 1.5:1 Br 2, 3- 2:1 | 300 (0M655452) | 350 (5.7) | GM (V8) |
| MCM 350 Mag a b MPI Horizon | Br 1- 1.5:1 Br 2, 3- 2:1 | 300 (0M657261) | 350 (5.7) | GM (V8) |
| MCM MX6.2 a b MPI | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 320 (0M657338) | 377 (6.2) | GM (V8) |
| MCM MX6.2 a b Horizon MPI | Br 1- 1.65:1 Br 2, 3- 2.20:1 | 320 (0M655597) | 377 (6.2) | GM (V8) |
| MCM 496 Mag a b | Br 1- 1.5:1 Br 2, 3- 1.81:1 | 375 (0M650430) | 496 (8.1) | GM V8 |
| MCM 496 a b Mag HO | No Primary Gear Ratio | 425 (0M650434) | 496 (8.1) | GM V8 |

Transom S/N: Bravo (0M597652) b.

Stern Drive S/N: Bravo One (0M185865), Two (0M142040), Three (0M187973).

a. Jan 1, 2004 California CARB calendar year starting S/N: 4.3L: (0M696976), 4.3L MPI: (0M696976), 5.0L: (0M696190), 5.0L MPI: (0M696190), 5.7L: (0M696976), 350 MPI: (0M695734), 350 MPI Horizon: (0M695785), MX6.2 MPI: (0M696016), MX 6.2 MPI Horizon: (0M693284), 496 Mag, Mag DTS: (0M693140), 496 Mag HO, Mag HO DTS: (0M693181).

b. Start of Quick-Connects on all affected models: (0W000000).

-----Hi-Performance Models-----

| | | | | |
|--------------------|-----------------------------------|-------------------|--------------|------------|
| MCM Scorpion 377 a | Bravo One, Bravo One XZ | 360 (0M905090) | 377 (6.2) | GM (V8) |
| MCM HP500 EFI a | Bravo One XZ Bravo One XR, Six | 500 (0M905089) | 502 (8.2) | GM (V8) |
| MCM HP525 EFI a | Bravo One XZ Bravo One XR, Six | 525 (0M905000) | 502 (8.2) | GM (V8) |
| MCM HP575 SCi a | Bravo One XR Six | 575 (0M901271) | 502 (8.2) | GM (V8) |

Transom S/N: Bravo HP (0M501687), ITS, (0M054412), Six (0M051175).

Stern Drive S/N: Bravo One (0M133093), Bravo One SportMaster (0M054351), Six Drive (0M054411).

| Model | Crankshaft hp (Serial No.) | cid (Liters) | Engine Manufacture (Cylinders) |
|--------------|---------------------------------------|-------------------------|---|
|--------------|---------------------------------------|-------------------------|---|

-----2004 Contd.-----

-----MIE Tow Sport Models-----

| | | | |
|--------------------------------|-------------------|--------------|------------|
| MIE 5.7L Ski a | 270 (0M392622) | 350 (5.7) | GM (V8) |
| MIE 350 Mag MPI a | 315 (0M392356) | 350 (5.7) | GM (V8) |
| MIE MX 6.2 MPI Ski a | 320 (0M392509) | 377 (6.2) | GM (V8) |
| MIE Black Scorpion a (5.7L) | 330 (0M392391) | 350 (5.7) | GM (V8) |
| MIE Black Scorpion a (6.2L) | 340 (0M392511) | 377 (6.2) | GM (V8) |

a. Jan 1, 2004 California CARB calendar year starting S/N: 5.7L: (0M395310), 350 MPI: (0M394921), MX6.2 MPI: (0M395310), Black Scorpion (5.7L): (0M394931), Black Scorpion (6.2L): (0M394263).

-----MIE Inboard Models-----

| | | | |
|------------------------------|-------------------|--------------|------------|
| MIE 5.7L a | 260 (0M392459) | 350 (5.7) | GM (V8) |
| MIE 350 Mag MPI a | 300 (0M392429) | 350 (5.7) | GM (V8) |
| MIE 350 Mag MPI a Horizon | 300 (0M392423) | 350 (5.7) | GM (V8) |
| MIE MX 6.2 a | 320 (0M392081) | 377 (6.2) | GM (V8) |
| MIE MX 6.2 MPI a Horizon | 320 (0M392072) | 377 (6.2) | GM (V8) |
| MIE 8.1S MPI a Horizon | 370 (0M316450) | 496 (8.1) | GM (V8) |
| MIE 8.1S HO MPI a | 420 0M316467) | 496 (8.1) | GM (V8) |

No diesel models shown because all diesel models are under the Cummins MerCruiser Diesel project.
a. Jan 1, 2004 California CARB calendar year starting S/N: 5.7L: (0M394975), 350 Mag MPI: (0M394946), 350 Mag MPI Horizon: (0M395307), MX6.2 MPI: (0M394267), MX 6.2 MPI Horizon: (0M395307), 8.1S Mag Horizon: (0M319348), 8.1S HO MPI: (0M319362).