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CLOSED COOLING KIT CHART (DRY JOINT EXHAUST)

When adding a closed cooling kit to an engine with 6 in. (152 mm) cold exhaust risers, it will be necessary to replace the exhaust risers with 6 in. (152 mm) warm exhaust risers (p/n 864908A 2). The difference between cold & warm exhaust risers can be identified by the location of the riser hose fitting. Cold exhaust risers will have the hose fitting toward the lower part of the exhaust riser close to the exhaust manifold. Warm exhaust risers will have the hose fitting toward the upper part of the exhaust riser close to the exhaust elbow.

Closed Cooling Kits (2002 and newer)

Engine Model	Year Range	Serial # Range	Closed Cooling Kit	Seawater Pump Kit	ECM	Hose Kit
MERCUISER STERNDRIVE MODELS (MCM)						
MCM 3.0L	2002 - 2016	0M087452 - 2A506300	61086A11(2)	N/A	N/A	N/A
MCM 3.0L MPI EC	2008 - 2011	1A072812 - 1A648622	879288A02	N/A	8M0049841(4)	N/A
MCM 3.0L MPI EC	2011 - 2016	1A648623 - 2A502810	879288A02	N/A	78-8M0059346(4)	N/A
MCM 4.3L	2002 - 2005	0M600000 - 0W309999	(1)	N/A	N/A	N/A
MCM 4.3L	2005 - 2015	0W310000 - 2A454127	98-8M0122649	N/A	N/A	32-8M0082066(18)

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Engine Model	Year Range	Serial # Range	Closed Cooling Kit	Seawater Pump Kit	ECM	Hose Kit
MCM 4.3L MPI Alpha	2002 - 2006	0M600000 - 0W649999	864920A02(5)(7)(16)	46-8M0139983(6)	77-865831T07(4)	32-865090A01(11)
MCM 4.3L MPI Alpha	2006 - 2007	0W650000 - 1A063239	864920A02(5)(16)	46-8M0139983(6)	77-865831T06(4)	32-865090A01(11)
MCM 4.3L MPI Alpha	2007 - 2008	1A063240 - 1A343327	864920A02(5)(16)	46-8M0139983(6)	77-865831T08(4)	32-865090A01(11)
MCM 4.3L MPI Alpha	2009 - 2016	1A343328 - 2A506375	864920A02(5)(16)	46-8M0139983(6)	8M0064760(4)	32-865090A01(11)
MCM 4.3L 180 MPI Alpha	2015 - 2016	2A457710 - 2A506375	(1)	N/A	N/A	N/A
MCM 4.3L MPI Alpha EC(12)	2011 - 2011	1A634796 - 1A648622	8M0051178(5)(13)	98-8M0137212(6)	8M0054004(4)	(15)
MCM 4.3L MPI Alpha EC(12)	2011 - 2016	1A648623 - 2A528897	8M0051178(5)(13)	98-8M0137212(6)	78-8M0059348(4)	(15)
MCM 4.3L 180 MPI Alpha EC(12)	2015 - 2016	2A457710 - 2A528897	(1)	N/A	N/A	N/A
MCM 4.3L MPI Bravo	2002 - 2004	0M600000 - 0W029410	864920A02(5)(9)	N/A	77-865001T02(4)	32-865090A01(11)
MCM 4.3L MPI Bravo	2004 - 2006	0W029411 - 0W649999	864920A02(5)(9)	N/A	77-865833T06(4)	32-865090A01(11)
MCM 4.3L MPI Bravo	2006 - 2007	0W650000 - 1A063239	864920A02(5)(9)	N/A	77-865833T05(4)	32-865090A01(11)
MCM 4.3L MPI Bravo	2007 - 2008	1A063240 - 1A343327	864920A02(5)(9)	N/A	77-865833T07(4)	32-865090A01(11)
MCM 4.3L MPI Bravo	2009 - 2016	1A343328 - 2A506375	864920A02(5)(9)	N/A	8M0064759(4)	32-865090A01(11)
MCM 4.3L MPI Bravo EC(12)	2011 - 2011	1A637496 - 1A648622	8M0051178(5)	863674A05(17)	8M0054006(4)	(15)
MCM 4.3L MPI Bravo EC(12)	2011 - 2016	1A648623 - 2A528897	8M0051178(5)	863674A05(17)	78-8M0059350(4)	(15)
MCM 4.5L MPI Alpha	2014 - 2016	2A441953 - 2A530777	8M0193968(5)	46-8M0122666(6)(19)	N/A	N/A
MCM 4.5L MPI Alpha	2016 - 2023	2A530778 and up	8M0193968(5)	46-8M0122666(6)(19)	N/A	N/A
MCM 4.5L MPI Bravo	2014 - 2016	2A441953 - 2A530777	8M0193968	N/A	N/A	N/A
MCM 4.5L MPI Bravo	2016 - 2023	2A530778 and up	8M0193968	N/A	N/A	N/A
MCM 5.0L Alpha	2002 - 2009	0M600000 - 1A607561	N.L.A.(5)	46-8M0139983(6)	N/A	32-865039A 1(8)
MCM 5.0L Bravo	2002 - 2009	0M600000 - 1A607561	N.L.A.(5)(9)	N/A	N/A	32-865039A 1(8)
MCM 5.0L MPI Alpha	2002 - 2004	0M600000 - 0W029410	864920A02(5)(7)	46-8M0139983(6)	77-865835T03(4)	32-865039A 1(8)
MCM 5.0L MPI Alpha	2004	0W029411 - 0W309999	864920A02(5)	46-8M0139983(6)	77-865835T03(4)	32-865039A 1(8)
MCM 5.0L MPI Alpha	2004 - 2006	0W310000 - 0W649999	864920A02(5)	46-8M0139983(6)	77-866190T06(4)	32-865039A 1(8)
MCM 5.0L MPI Alpha	2006 - 2008	0W650000 - 1A343327	864920A02(5)	46-8M0139983(6)	77-866190T07(4)	32-865039A 1(8)
MCM 5.0L MPI Alpha	2009 - 2014	1A343328 - 2A445009	864920A02(5)	46-8M0139983(6)	77-879194T83(4)	32-865039A 1(8)
MCM 5.0L MPI Alpha EC(12)	2008 - 2011	1A300000 - 1A648622	879288A39(5)	46-8M0139983(6)	8M0071875(4)	32-879172A16
MCM 5.0L MPI Alpha EC(12)	2011 - 2014	1A648623 - 2A444777	879288A39(5)	46-8M0139983(6)	78-8M0059352(4)	32-879172A16
MCM 5.0L MPI Bravo	2002 - 2004	0M600000 - 0W029410	864920A02(5)(7)(9)	N/A	77-865003T03(4)	32-865039A 1(8)
MCM 5.0L MPI Bravo	2004	0W029411 - 0W309999	864920A02(5)(9)	N/A	77-865837T02(4)	32-865039A 1(8)
MCM 5.0L MPI Bravo	2004 - 2006	0W310000 - 0W649999	864920A02(5)(9)	N/A	77-866192T06(4)	32-865039A 1(8)
MCM 5.0L MPI Bravo	2006 - 2008	0W650000 - 1A343327	864920A02(5)(9)	N/A	77-866192T05(4)	32-865039A 1(8)
MCM 5.0L MPI Bravo	2009 - 2014	1A343328 - 2A445009	864920A02(5)(9)	N/A	77-879194T85(4)	32-865039A 1(8)
MCM 5.0L MPI Bravo EC(12)	2008 - 2011	1A300000 - 1A648622	879288A39(5)(9)	N/A	8M0071877(4)	32-879172A16
MCM 5.0L MPI Bravo EC(12)	2011 - 2014	1A648623 - 2A444777	879288A39(5)(9)	N/A	78-8M0059354(4)	32-879172A16
MCM 5.0L MPI Bravo DTS	2004 - 2008	0W310000 - 1A343327	864920A02(5)(9)	N/A	866237T04(4)	32-865039A 1(8)
MCM 5.0L MPI Bravo DTS	2009 - 2014	1A343328 - 2A445009	864920A02(5)(9)	N/A	78-8M0059270(4)	32-865039A 1(8)
MCM 5.0L MPI Bravo Axis DTS	2008	1A300000 - 1A343327	864920A02(5)(9)	N/A	879172T80(4)	32-865039A 1(8)
MCM 5.0L MPI Bravo Axis DTS	2009 - 2010	1A343328 - 1A623184	864920A02(5)(9)	N/A	77-879194T99(4)	32-865039A 1(8)
MCM 5.0L MPI Bravo DTS EC(12)	2008 - 2011	1A300000 - 1A648622	879288A39(5)(9)	N/A	8M0071884(4)	32-879172A16
MCM 5.0L MPI Bravo DTS EC(12)	2011 - 2014	1A648623 - 2A444777	879288A39(5)(9)	N/A	78-8M0059366(4)	32-879172A16
MCM 5.0L MPI Bravo Axis DTS EC(12)	2008 - 2011	1A300000 - 1A648622	879288A39(5)(9)	N/A	8M0071888(4)	32-879172A16(14)
MCM 5.7L Alpha	2002 - 2009	0M600000 - 1A600136	N.L.A.(5)	46-8M0139983(6)	N/A	32-865039A 1(8)
MCM 5.7L Bravo	2002 - 2009	0M600000 - 1A600136	N.L.A.(5)(9)	N/A	N/A	32-865039A 1(8)
MCM 350 Mag MPI Alpha	2002 - 2004	0M600000 - 0W309999	864920A02(5)(7)	46-8M0139983(6)	77-865839T03(4)	32-865039A 1(8)
MCM 350 Mag MPI Alpha	2004 - 2006	0W310000 - 0W649999	864920A02(5)	46-8M0139983(6)	77-866123T06(4)	32-865039A 1(8)
MCM 350 Mag MPI Alpha	2006 - 2008	0W650000 - 1A343327	864920A02(5)	46-8M0139983(6)	77-866123T05(4)	32-865039A 1(8)
MCM 350 Mag MPI Alpha	2009 - 2015	1A343328 - 2A455872	864920A02(5)	46-8M0139983(6)	77-879194T87(4)	32-865039A 1(8)
MCM 350 Mag MPI Alpha EC(12)	2008 - 2011	1A300000 - 1A648622	879288A39(5)	46-8M0139983(6)	8M0071878(4)	32-879172A16
MCM 350 Mag MPI Alpha EC(12)	2011 - 2015	1A648623 - 2A455878	879288A39(5)	46-8M0139983(6)	78-8M0059356(4)	32-879172A16
MCM 350 Mag MPI Bravo	2002 - 2004	0M600000 - 0W029410	864920A02(5)(7)(9)	N/A	77-865005T03(4)	32-865039A 1(8)
MCM 350 Mag MPI Bravo	2004	0W029411 - 0W309999	864920A02(5)(9)	N/A	77-865841T02(4)	32-865039A 1(8)
MCM 350 Mag MPI Bravo	2004 - 2006	0W310000 - 0W649999	864920A02(5)(9)	N/A	77-866125T06(4)	32-865039A 1(8)

Engine Model	Year Range	Serial # Range	Closed Cooling Kit	Seawater Pump Kit	ECM	Hose Kit
MCM 350 Mag MPI Bravo	2006 - 2008	0W650000 - 1A343327	864920A02(5)(9)	N/A	77-866125T05(4)	32-865039A 1(8)
MCM 350 Mag MPI Bravo	2009 - 2015	1A343328 - 2A455872	864920A02(5)(9)	N/A	77-879194T89(4)	32-865039A 1(8)
MCM 350 Mag MPI Bravo DTS	2004 - 2008	0W310000 - 1A343327	864920A02(5)(9)	N/A	866239T04(4)	32-865039A 1(8)
MCM 350 Mag MPI Bravo DTS	2009 - 2015	1A343328 - 2A455872	864920A02(5)(9)	N/A	78-8M0059272(4)	32-865039A 1(8)
MCM 350 Mag MPI Axios Bravo DTS	2008	1A300000 - 1A343327	864920A02(5)(9)	N/A	879288T03(4)	32-865039A 1(8)
MCM 350 Mag MPI Axios Bravo DTS	2009 - 2010	1A343328 - 1A623184	864920A02(5)(9)	N/A	77-879288T91(4)	32-865039A 1(8)
MCM 350 Mag MPI Bravo EC(12)	2008 - 2011	1A300000 - 1A648622	879288A39(5)(9)	N/A	8M0071880(4)	32-879172A16
MCM 350 Mag MPI Bravo EC(12)	2011 - 2015	1A648623 - 2A455878	879288A39(5)(9)	N/A	78-8M0059358(4)	32-879172A16
MCM 350 Mag MPI Bravo DTS EC(12)	2008 - 2011	1A300000 - 1A648622	879288A39(5)(9)	N/A	8M0071885(4)	32-879172A16
MCM 350 Mag MPI Bravo DTS EC(12)	2011 - 2015	1A648623 - 2A455878	879288A39(5)(9)	N/A	78-8M0059368(4)	32-879172A16
MCM 350 Mag MPI Bravo Axios DTS EC(12)	2008 - 2011	1A300000 - 1A648622	879288A39(5)(9)	N/A	8M0071889(4)	32-879172A16(14)
MCM 377 Mag MPI Bravo						
MCM 377 Mag MPI Bravo	2008	1A300000 - 1A343327	864920A02(5)(9)	N/A	77-866130T05(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo	2009	1A343328 - 1A345479	864920A02(5)(9)	N/A	77-879194T39(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo	2009	1A345480 - 1A345492	864920A02(5)(9)	N/A	77-879288T93(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo	2009	1A345493 - 1A345765	864920A02(5)(9)	N/A	77-879194T39(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo	2009	1A345766 - 1A345767	864920A02(5)(9)	N/A	77-879288T93(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo	2009	1A345768 - 1A346789	864920A02(5)(9)	N/A	77-879194T39(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo	2009 - 2015	1A346790 - 2A455858	864920A02(5)(9)	N/A	77-879288T93(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo DTS	2008	1A300000 - 1A343327	864920A02(5)(9)	N/A	866243T05(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo DTS	2009	1A343328 - 1A345479	864920A02(5)(9)	N/A	77-879194T44(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo DTS	2009	1A345480 - 1A345492	864920A02(5)(9)	N/A	78-8M0059274(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo DTS	2009	1A345493 - 1A345765	864920A02(5)(9)	N/A	77-879194T44(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo DTS	2009	1A345766 - 1A345767	864920A02(5)(9)	N/A	78-8M0059274(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo DTS	2009	1A345768 - 1A346789	864920A02(5)(9)	N/A	77-879194T44(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo DTS	2009 - 2015	1A346790 - 2A455858	864920A02(5)(9)	N/A	78-8M0059274(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo Axios DTS	2008	1A300000 - 1A343327	864920A02(5)(9)	N/A	879194T73(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo Axios DTS	2009	1A343328 - 1A345479	864920A02(5)(9)	N/A	77-879355T82(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo Axios DTS	2009	1A345480 - 1A345492	864920A02(5)(9)	N/A	77-879194T17(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo Axios DTS	2009	1A345493 - 1A345765	864920A02(5)(9)	N/A	77-879355T82(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo Axios DTS	2009	1A345766 - 1A345767	864920A02(5)(9)	N/A	77-879194T17(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo Axios DTS	2009	1A345768 - 1A346789	864920A02(5)(9)	N/A	77-879355T82(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo Axios DTS	2009 - 2010	1A346790 - 1A623184	864920A02(5)(9)	N/A	77-879194T17(4)	32-865039A 1(8)
MCM 377 Mag MPI Bravo EC(12)	2008 - 2011	1A300000 - 1A648622	879288A39(5)(9)	N/A	8M0052735(4)	32-879172A16
MCM 377 Mag MPI Bravo EC(12)	2011 - 2015	1A648623 - 2A455601	879288A39(5)(9)	N/A	78-8M0059363(4)	32-879172A16
MCM 377 Mag MPI Bravo DTS EC(12)	2008 - 2011	1A300000 - 1A648622	879288A39(5)(9)	N/A	8M0052739(4)	32-879172A16
MCM 377 Mag MPI Bravo DTS EC(12)	2011 - 2015	1A648623 - 2A455601	879288A39(5)(9)	N/A	78-8M0059257(4)	32-879172A16
MCM 377 Mag MPI Bravo Axios DTS EC(12)	2008 - 2011	1A300000 - 1A623184	879288A39(5)(9)	N/A	8M0071890(4)	32-879172A16(14)
MCM 6.2L MPI Mercury						
MCM 6.2L MPI Mercury	2015 - 2016	2A456613 - 2A530775	98-8M0112577(5)	N/A	N/A	98-8M0112578
MCM 6.2L MPI Mercury	2016 - 2023	2A530776 and up	98-8M0123588(5)	N/A	N/A	98-8M0123590
MCM MX 6.2 MPI Bravo						
MCM MX 6.2 MPI Bravo	2002 - 2004	0M600000 - 0W029410	864920A02(5)(7)(9)	N/A	77-865008T04(4)	32-865039A 1(8)
MCM MX 6.2 MPI Bravo	2004	0W029410 - 0W309999	864920A02(5)(9)	N/A	77-865846T02(4)	32-865039A 1(8)
MCM MX 6.2 MPI Bravo	2004 - 2006	0W310000 - 0W649999	864920A02(5)(9)	N/A	866130T06(4)	32-865039A 1(8)
MCM MX 6.2 MPI Bravo	2006 - 2007	0W650000 - 1A299999	864920A02(5)(9)	N/A	77-866130T05(4)	32-865039A 1(8)
MCM MX 6.2 MPI Bravo DTS	2004 - 2007	0W310000 - 1A299999	864920A02(5)(9)	N/A	866243T05(4)	32-865039A 1(8)
MERCUISER INBOARD MODELS (MIE)						
MIE 350 Mag MPI	2002 - 2004	0M317000 - 0W389999	864920A02(5)	N/A	77-865006T04(4)	32-865039A 1(10)
MIE 350 Mag MPI	2004 - 2006	0W390000 - 0W689999	864920A02(5)	N/A	77-866127T05(4)	32-865039A 1(10)
MIE 350 Mag MPI	2006 - 2008	0W690000 - 1A089999	864920A02(5)	N/A	866127T04(4)	32-865039A 1(10)
MIE 350 Mag MPI DTS	2004 - 2008	0W390000 - 1A089999	864920A02(5)	N/A	866241T06(4)	32-865039A 1(10)
MIE 5.7L	2002 - 2010	0M317000 - 1A092388	N.L.A.(5)	N/A	N/A	32-865039A 1(10)
MIE 5.7L MPI	2008	1A090000 - 1A091825	864920A02(5)	N/A	866127T04(4)	32-865039A 1(10)
MIE 5.7L MPI	2009 - 2015	1A091826 - 2A455523	864920A02(5)	N/A	77-879194T91(4)	32-865039A 1(10)
MIE 5.7L MPI w/ In-Line EC(12)	2008 - 2011	1A090000 - 1A092817	879288A39(5)	N/A	8M0071881(4)	32-879172A16
MIE 5.7L MPI w/ In-Line EC(12)	2011 - 2015	1A092818 - 2A455371	879288A39(5)	N/A	78-8M0059360(4)	32-879172A16

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Engine Model	Year Range	Serial # Range	Closed Cooling Kit	Seawater Pump Kit	ECM	Hose Kit
MIE 5.7L MPI w/ V-Drive EC(12)	2008 - 2011	1A090000 - 1A092817	879288A39(5)	N/A	8M0071881(4)	32-879172A17
MIE 5.7L MPI w/ V-Drive EC(12)	2011 - 2015	1A092818 - 2A455371	879288A39(5)	N/A	78-8M0059360(4)	32-879172A17
MIE 5.7L MPI DTS	2008	1A090000 - 1A091825	864920A02(5)	N/A	866241T06(4)	32-865039A 1(10)
MIE 5.7L MPI DTS	2009 - 2015	1A091826 - 2A455523	864920A02(5)	N/A	77-879194T97(4)	32-865039A 1(10)
MIE 5.7L MPI DTS w/ In-Line EC(12)	2008 - 2011	1A090000 - 1A092817	879288A39(5)	N/A	8M0071886(4)	32-879172A16
MIE 5.7L MPI DTS w/ In-Line EC(12)	2011 - 2015	1A092818 - 2A455371	879288A39(5)	N/A	78-8M0059248(4)	32-879172A16
MIE 5.7L MPI DTS w/ V-Drive EC(12)	2008 - 2011	1A090000 - 1A092817	879288A39(5)	N/A	8M0071886(4)	32-879172A17
MIE 5.7L MPI DTS w/ V-Drive EC(12)	2011 - 2015	1A092818 - 2A455371	879288A39(5)	N/A	78-8M0059248(4)	32-879172A17
MERCUISER 6.2L MPI & DTS MODELS						
MIE MX 6.2 MPI	2002 - 2004	0M317000 - 0W389999	864920A02(5)	N/A	77-865009T04(4)	32-865039A 1(10)
MIE MX 6.2 MPI	2004 - 2006	0W390000 - 0W689999	864920A02(5)	N/A	77-866132T06(4)	32-865039A 1(10)
MIE MX 6.2 MPI	2006 - 2008	0W690000 - 1A091517	864920A02(5)	N/A	77-866132T05(4)	32-865039A 1(10)
MIE MX 6.2 MPI	2009	1A091518 - 1A091825	864920A02(5)	N/A	77-879194T41(4)	32-865039A 1(10)
MIE MX 6.2 MPI	2009 - 2015	1A091826 - 2A452368	864920A02(5)	N/A	77-879288T95(4)	32-865039A 1(10)
MIE MX 6.2 MPI DTS	2004 - 2008	0W390000 - 1A091517	864920A02(5)	N/A	866245T06(4)	32-865039A 1(10)
MIE MX 6.2 MPI DTS	2009	1A091518 - 1A091825	864920A02(5)	N/A	77-879355T80(4)	32-865039A 1(10)
MIE MX 6.2 MPI DTS	2009 - 2015	1A091826 - 2A452368	864920A02(5)	N/A	77-879288T99(4)	32-865039A 1(10)
MIE 6.2 MPI w/ In-Line EC(12)	2008 - 2011	1A090000 - 1A092817	879288A39(5)	N/A	8M0052737(4)	32-879172A16
MIE 6.2 MPI w/ In-Line EC(12)	2011 - 2015	1A092818 - 2A455246	879288A39(5)	N/A	78-8M0059364(4)	32-879172A16
MIE 6.2 MPI w/ V-Drive EC(12)	2008 - 2011	1A090000 - 1A092817	879288A39(5)	N/A	8M0052737(4)	32-879172A17
MIE 6.2 MPI w/ V-Drive EC(12)	2011 - 2015	1A092818 - 2A455246	879288A39(5)	N/A	78-8M0059364(4)	32-879172A17
MIE 6.2 MPI DTS w/ In-Line EC(12)	2008 - 2011	1A090000 - 1A092817	879288A39(5)	N/A	8M0052742(4)	32-879172A16
MIE 6.2 MPI DTS w/ In-Line EC(12)	2011 - 2015	1A092818 - 2A455246	879288A39(5)	N/A	78-8M0059259(4)	32-879172A16
MIE 6.2 MPI DTS w/ V-Drive EC(12)	2008 - 2011	1A090000 - 1A092817	879288A39(5)	N/A	8M0052742(4)	32-879172A17
MIE 6.2 MPI DTS w/ V-Drive EC(12)	2011 - 2015	1A092818 - 2A455246	879288A39(5)	N/A	78-8M0059259(4)	32-879172A17
MERCUISER TOW SPORTS MODELS (SKI)						
Ski 5.7L Carb	2002 - 2011	0M317000 - 1A092837	(1)	N/A	N/A	N/A
Ski 350 Mag MPI	2002 - 2007	0M317000 - 1A089999	(1)	N/A	N/A	N/A
Ski 6.2L MPI In-Line	2015 - 2016	2A456613 - 2A530773	98-8M0112577(5)	N/A	N/A	98-8M0112579
Ski 6.2L MPI In-Line	2016 - 2023	2A530774 and up	98-8M0123588(5)	N/A	N/A	98-8M0123592
Ski 6.2L MPI V-Drive	2015 - 2016	2A456613 - 2A530773	98-8M0112577(5)(20)	N/A	N/A	98-8M0112580
Ski 6.2L MPI V-Drive	2016 - 2023	2A530774 and up	98-8M0123588(5)	N/A	N/A	98-8M0123593
Ski MX 6.2 MPI	2002 - 2007	0M317000 - 0W689999	(1)	N/A	N/A	N/A
Black Scorpion Ski	2002 - 2015	0M317000 - 2A460164	(1)	N/A	N/A	N/A

Engine Model	Year Range	Serial # Range	Closed Cooling Kit	Seawater Pump Kit	ECM	Hose Kit
MX 6.2 Black Scorpion Ski	2002 - 2015	0M317000 - 2A460138	(1)	N/A	N/A	N/A

(1) No Kit Available

(2) This closed cooling kit will not fit 3.0L engines with optional side mounts

(4) The ECM must be replaced when installing a closed cooling kit on this specific engine application. Due to the many updates throughout the year, the ECM listed may not be the appropriate ECM for your engine serial number. Please check the latest Electronic Parts Catalog

(5) Note the additional required kit(s) listed to complete the installation.

(6) Thru hull water pickup is not included with seawater pump kits. Obtain locally.

(7) 865188T01 Front Lift Bracket: Order this replacement bracket if the engine s/n is 0M600000-0M616622 or if a Bravo engine with an air actuated drain system.

(8) This hose kit required only if engine has 6 in. (152 mm) exhaust risers.

(9) Bravo drive applications require the installation of an additional thru-hull or transom mounted water pickup along with the drive unit water pickups. Order these components separately.

(10) This hose kit required only if engine has in-line transmission and 6 in. (152 mm) exhaust risers.

(11) If engine is equipped with 6 in. risers, also order Hose Kit 32-865998A01

(12) Emission Controlled engine

(13) This closed cooling kit will fit Alpha engines with the standard single point drain that incorporates the rod actuated water distribution housing only, and will NOT fit Alpha engines with the special single point drain tee fitting 22-8M2020634 with the blue drain plug which was required in some boats due to the hull design.

(14) Hose kit 32-865039A02 is also required for Axis EC engines

(15) If engine is equipped with risers, 1 of the following hose kits is also required to be ordered separately. Order 32-8M0051174 for engines with 2 in. risers. Order 32-8M0051175 for engines with 4 in. risers. Order 32-8M0051176 for engines with 6 in. risers.

(16) If this kit is being mounted on a 4.3L Alpha engine, also order serpentine belt 57-865615Q03

(17) This air actuated seawater pump rear cover is required to be ordered separately for Bravo applications.

(18) This hose kit only required if engine is equipped with 4.7 in. (119 mm) or 6 in. (152 mm) risers

(19) Alpha models also required a Water Block Off Kit p/n 8M0095447 to be ordered separately

(20) This kit will only fit 6.2L V-Drive Towport models with DTS. Will not fit V-Drive models with mechanical throttle.

CLOSED COOLING KIT CHART - MCM (PRE-DRY JOINT EXH)

MCM Closed Cooling Kits (2002 and older)

Model	Model Notes	Heat Exchanger Location	Year Range	Serial # Range	Closed Cooling Kit	Belt Kit	Seawater Pump Kit
MCM 4 cyl. (153 cid)		Side	1983 - 1989	6229718 - 0C853255	61086A11	N/A	N/A
MCM 4 cyl. (181cid)	Carb engines	Side	1983 - 2023	6229718 and up	61086A11(19)	N/A	N/A
MCM V-6 (229 cid)		Front	1983 - 1984	6330183 - 6919655	N.L.A.	N/A	N.L.A.(2)
MCM V-6 (262 cid) Alpha	Stamped steel crankshaft pulley	Front	1985 - 1990	0A331455 - 0D445799	N.L.A.(6)	N/A	N.L.A.(2)
MCM V-6 (262 cid) Alpha	Cast crankshaft pulley	Front	1985 - 1990	0A331455 - 0D445799	N.L.A.(6)	N/A	N.L.A.(2)
MCM V-6 (262 cid) Alpha	V-belt	Front	1991 - 1996	0D445800 - 0F802999	N.L.A.(6)	N/A	N.L.A.(2)(3)
MCM V-6 (262 cid) Alpha	Serpentine belt	Front	1996 - 1999	0F803000 - 0L619083	860427A 4(1)(6)(11)	807901T 6(4)(5)	N/A
MCM V-6 (262 cid) Alpha		Front	1999 - 2001	0L619084 - 0M299999	N.L.A.	(21)	N/A
MCM V-6 (262 cid) Alpha	Carb engines	Front	2002	0M300000 - 0M343007	N.L.A.	(21)	N/A
MCM V-6 (262 cid) Alpha	Carb engines	Front	2002	0M343008 - 0M599999	N.L.A.	(22)	N/A
MCM V-6 (262 cid) Alpha	MPI engines	Front	2002	0M300000 - 0M343007	N.L.A.	(21)	46-8M0139983(2)
MCM V-6 (262 cid) Alpha	MPI engines	Front	2002	0M343008 - 0M599999	N.L.A.	(22)	46-8M0139983(2)
MCM V-6 (262 cid) Bravo	Serpentine belt	Front	1996 - 1999	0F803000 - 0L619083	860427A 4(1)(6)(11)	807901A 5(5)(7)	N/A
MCM V-6 (262 cid) Bravo		Front	1999 - 2001	0L619084 - 0M299999	N.L.A.	(20)	N/A
MCM V-6 (262 cid) Bravo	Carb engines	Front	2002	0M300000 - 0M343007	N.L.A.	(20)	N/A
MCM V-6 (262 cid) Bravo	Carb engines	Front	2002	0M343008 - 0M599999	N.L.A.	(23)	N/A
MCM V-6 (262 cid) Bravo	MPI engines	Front	2002	0M300000 - 0M343007	N.L.A.	(20)	N/A
MCM V-6 (262 cid) Bravo	MPI engines	Front	2002	0M343008 - 0M599999	N.L.A.	(23)	N/A
MCM V-8 (305 & 350 cid)		Front	1983 - 1986	6218462 - 0B525981	N.L.A.(6)	N/A	N.L.A.(2)
MCM V-8 (305 & 350 cid) Alpha	Stamped steel crankshaft pulley	Front	1987 - 1990	0B525982 - 0D445799	N.L.A.(6)	N/A	N.L.A.(2)
MCM V-8 (305 & 350 cid) Alpha	Cast crankshaft pulley	Front	1987 - 1990	0B525982 - 0D445799	N.L.A.(6)	N/A	N.L.A.(2)
MCM V-8 (305 & 350 cid) Alpha	V-belt	Front	1991 - 1996	0D445800 - 0F999999	N.L.A.(6)(12)	N/A	N.L.A.(2)
MCM V-8 (305 & 350 cid) Alpha	Serpentine belt	Front	1997	0K001506 - 0K999999	860427A 4(6)(13)	807901A 5(5)(7)	46-807151A 5(2)
MCM V-8 (305 & 350 cid Gen+) Alpha	Serpentine belt	Front	1997 - 1999	0K001506 - 0K999999	860427A 5(6)	807901A 5(5)(7)	46-807151A 5(2)

Model	Model Notes	Heat Exchanger Location	Year Range	Serial # Range	Closed Cooling Kit	Belt Kit	Seawater Pump Kit
MCM V-8 (305 & 350 cid Gen+) Alpha		Front	1998 - 1999	0L010035 - 0L618999	860427A 5(6)(11)	807901A 5(5)(7)	46-807151A 5(2)
MCM V-8 (305 & 350 cid Gen+) Alpha		Front	1999 - 2001	0L619000 - 0M299999	860427A 7(6)	(20)	46-807151A25(2)
MCM V-8 (305 & 350 cid Gen+) Alpha	Carb engines	Front	2002	0M300000 - 0M343007	860427A 7(6)	(20)	46-8M0139983(2)
MCM V-8 (305 & 350 cid Gen+) Alpha	Carb engines	Front	2002	0M343008 - 0M599999	860427A 7(6)	(23)	46-8M0139983(2)
MCM V-8 (305 & 350 cid Gen+) Alpha	MPI engines	Front	2002	0M300000 - 0M343007	N.L.A.	(20)	46-8M0139983(2)
MCM V-8 (305 & 350 cid Gen+) Alpha	MPI engines	Front	2002	0M343008 - 0M599999	N.L.A.	(23)	46-8M0139983(2)
MCM V-8 (305 & 350 cid) Bravo	V-belt	Front	1989 - 1996	0C407810 - 0F999999	N.L.A.(12)(14)	N/A	N/A
MCM V-8 (305 & 350 cid) Bravo	Serpentine belt	Front	1997	0K001506 - 0K999999	860427A 4(6)(13)	807901A 5(5)(7)	N/A
MCM V-8 (305 & 350 cid Gen+) Bravo		Front	1997 - 1999	0K001501 - 0L618999	860427A 5(6)	807901A 5(5)(7)	N/A
MCM V-8 (305, 350 & 377 cid Gen+) Bravo		Front	1999 - 2001	0L619000 - 0M299999	860427A 7	(20)	N/A
MCM V-8 (305, 350 & 377 cid Gen+) Bravo	Carb engines	Front	2002	0M300000 - 0M343007	860427A 7	(20)	N/A
MCM V-8 (305, 350 & 377 cid Gen+) Bravo	Carb engines	Front	2002	0M343008 - 0M599999	860427A 7	(23)	N/A
MCM V-8 (305, 350 & 377 cid Gen+) Bravo	MPI engines	Front	2002	0M300000 - 0M343007	N.L.A.	(20)	N/A
MCM V-8 (305, 350 & 377 cid Gen+) Bravo	MPI engines	Front	2002	0M343008 - 0M599999	N.L.A.	(23)	N/A
MCM V-8 (454 cid) TR/TRS	CEO exhaust manifolds	Rear	1982 - 1987	6083145 - 0B816540	N.L.A.(17)	N/A	N/A
MCM V-8 (454 cid) Alpha		Front	1986 - 1988	0A631894 and up	N/A	N/A	N/A
MCM V-8 (454 cid) Bravo	Carb engines	Front	1988 - 1996	0B721206 - 0F800699	N.L.A.(15)	N/A	N/A
MCM V-8 (454 cid) Bravo	MPI engines	Front	1994 - 1996	0F115700 - 0F602009	N/A	N/A	N/A
MCM V-8 (454 cid) Bravo	TBI & MPI engines & front mounted, vertical oil cooler	Front	1996 - 1997	0F602010 - 0K999999	807639A 3(16)	N/A	N/A
MCM V-8 (454 cid Gen VI) Bravo	Carb engines	Front	1996 - 1997	0F800700 - 0K999999	807639A 3	N/A	N/A
MCM V-8 (454 cid) Bravo	MPI engines & serpentine belt	Front	1998 - 2001	0L010003 - 0M024999	807639A 3	N/A	N/A
MCM V-8 (502 cid) Bravo	Carb engines	Front	1990 - 1993	0C878221 - 0F114528	N.L.A.(15)	N/A	N/A
MCM V-8 (502 cid) Bravo	MPI engines	Front	1993 - 1996	0D840650 - 0F802599	N/A	N/A	N/A
MCM V-8 (502 cid) Bravo	MPI engines & front mounted, vertical oil cooler	Front	1996 - 1997	0F802600 - 0K999999	807639A 3	N/A	N/A
MCM V-8 (502 cid) Bravo	MPI engines & serpentine belt	Front	1998 - 2001	0L017000 - 0M024999	807639A 3	N/A	N/A

- (1) This kit will fit all engines except the 1996 262 Mag EFI engines (S/N 0F803800 - 0F999999) with VST fuel system which does not have a kit available for it.
- (2) Thru hull water pickup is not included with seawater pump kits
- (3) If the seawater temperature that this boat will be operating in does not exceed 80 deg. F {26 deg. C}, a Seawater Pump Kit does not have to be installed. If the seawater temperature exceeds 80 deg. F {26 deg. C}, then a Pump kit is required.
- (4) 807901A 4 Belt Kit: Order this belt kit instead of the one listed if the engine is in a dual engine boat and you are going to remove the power steering pump and hoses from this engine.
- (5) 861578 P/S Pulley: Order this metal 5-3/4 in. (146 mm) P/S pulley if the engine has a plastic 4-3/4 in. (121 mm) O.D. power steering pulley. Reference MerCruiser Parts Bulletin 98-1
- (6) Note the additional required kit(s) listed to complete the installation.
- (7) 807901A 3 Belt Kit: Order this belt kit instead of the one listed if the engine is in a dual engine boat and you are going to remove the power steering pump and hoses from this engine.
- (10) 57-861050 Belt Kit: Order this belt kit if the engine is in a dual engine boat and you are going to remove the power steering pump and hoses from this engine.
- (11) 860315A 2 Extender and Hose Kit: Also order this kit if installing on a V-6 or V-8 (305 CID) with a carburetor
- (12) Kit will not fit 1995-1996 (350 CID) EFI engines (S/N 0F225560 - 0F999999) with VST fuel system. No kit available.
- (13) 32-861070T Fuel Line: Order this fuel line if the engine is below S/N 0K154018 and has a 2 bbl carburetor
- (14) 85152A 2 Oil Cooler: This kit is required if boat will be operated in seawater above 90 Deg. F {32 Deg. C}
- (15) 17833A 7 Installation Kit: This kit is required when 3 in. (76 mm) or 6 in. (152 mm) risers are installed.
- (16) 32-62987A 3 Hose Kit: Order this kit if engine is a 7.4LX TBI and is equipped with 5/8 in. (16 mm) I.D. hose and fittings from the back of the intake manifold to the engine water circulating pump
- (17) 44443A 3 Installation Kit: This kit is also required
- (18) No kit available
- (19) Closed cooling kit will not fit 3.0L engines with side mounts
- (20) 57-863876 8 Belt Kit: Order this belt kit if the engine is in a dual engine boat and you are going to remove the power steering pump and hoses from this engine.
- (21) 57-863876 9 Belt Kit: Order this belt kit if the engine is in a dual engine boat and you are going to remove the power steering pump and hoses from this engine.
- (22) 889432A 1 Belt Kit: Order this belt kit if the engine is in a dual engine boat and you are going to remove the power steering pump and hoses from this engine.
- (23) 889433A 1 Belt Kit: Order this belt kit if the engine is in a dual engine boat and you are going to remove the power steering pump and hoses from this engine.

CLOSED COOLING KIT CHART - MIE (PRE-DRY JOINT EXH)

MIE Closed Cooling Kits (2002 and older)

Model	Model Notes	Year Range	Serial # Range	Closed Cooling Kit	Installations Kit
FRONT MOUNTED COOLING KITS					
MIE V-8 (305 & 350 cid)	In-line transmission & CEO exh manifolds	1981 - 1993	5907058 - 0F024999	N.L.A.	N/A
MIE V-8 (305 & 350 cid)	V-drive transmission & CEO exh manifolds	1981 - 1993	5907058 - 0F024999	(3)	N/A
MIE V-8 (350 cid)	All transmissions	1994 - 1996	0F025000 - 0K040306	N.L.A.	N/A
MIE V-8 (350 cid)	Carb engine & serpentine belt	1997	0K040307 - 0K999999		
MIE V-8 (350 & 377 cid Gen+)		1997 - 2001	0K040300 - 0M299999	860427A 5	N/A
MIE V-8 (350 cid Gen+)	Carb engines	2002	0M300000 - 0M316999	860427A 5	N/A
MIE V-8 (350 & 377 cid Gen+)	MPI engines	2002	0M300000 - 0M316999	N.L.A.	N/A
REAR MOUNTED COOLING KITS					
MIE V-8 (454 cid)	Carb engines & B/W 72 series in-line or V-drive	1992 - 1997	0D715494 - 0K999999	N/A	
MIE V-8 (454 cid)	Carb engines & Hurth or B/W 5000 transmission	1992 - 1997	0D715494 - 0K999999	N.L.A.	N.L.A.(1)
MIE V-8 (454 cid Gen V)	MPI & TBI engines	1995 - 1996	0F563052 - 0F820103	N/A	
MIE V-8 (454 cid Gen VI)	MPI & TBI engines	1996 - 2001	0F820104 - 0L674613	807639A 3	N.L.A.(2)
FRONT MOUNTED COOLING KITS					
MIE V-8 (502 cid)	Hurth transmission & cast iron exh manifolds	1990 - 1992	0C878221 - 0D857199	N.L.A.	N.L.A.(1)
MIE V-8 (502 cid)	Hurth transmission & stainless steel exh manifolds	1990 - 1992	0C878221 - 0D857199	N.L.A.	N.L.A.(1)
MIE V-8 (502 cid)	Carb engines & B/W 72 series in-line or V-drive	1993 - 1996	0D857200 - 0F819619	N/A	
MIE V-8 (502 cid)	Carb engines & Hurth or B/W 5000 transmission	1993 - 1996	0D857200 - 0F819619	N.L.A.	N.L.A.(1)
MIE V-8 (502 cid Gen VI)	MPI engines	1996 - 2001	0F819620 - 0L674200	807639A 3	N/A
REAR MOUNTED COOLING KITS					
MIE V-8 (305 & 350 cid)	B/W in-line transmission & CEO exh manifolds	1981 - 1997	5907058 - 0K999999	N.L.A.	N.L.A.
MIE V-8 (305 & 350 cid)	Hurth or V-drive transmission & CEO exh manifolds	1981 - 1997	5907058 - 0K999999	N.L.A.	N.L.A.
MIE V-8 (350 & 377 cid Gen+)		1997 - 2001	0K040300 - 0M299999	N/A	
MIE V-8 (350 cid Gen+)	Carb engines	2002	0M300000 - 0M316999	N/A	
MIE V-8 (350 & 377 cid Gen+)	MPI engines	2002	0M300000 - 0M316999	N/A	
FRONT MOUNTED COOLING KITS					
MIE V-8 (454 cid)	Carb engines & B/W 72 in-line series transmission	1981 - 1997	5889914 - 0K999999	N.L.A.	N.L.A.
MIE V-8 (454 cid)	Carb engines & B/W or Hurth V-drive trans.	1981 - 1997	5889914 - 0K999999	N.L.A.	N.L.A.
MIE V-8 (454 cid)	Carb engines & Hurth down-angle or B/W 5000	1989 - 1997	0C391564 - 0K999999	N.L.A.	N.L.A.
MIE V-8 (454 cid)	MPI & TBI engines & all transmissions	1995 - 1996	0F563052 - 0F820141	N/A	
MIE V-8 (454 cid)	MPI & TBI engines & all transmissions	1996 - 2001	0F820142 - 0L674613	N/A	
FRONT MOUNTED COOLING KITS					
MIE V-8 (502 cid)	MPI engines & all transmissions	1990 - 2001	0C878221 - 0L674200	N/A	

- (1) This installation kit is required when 3 in. (76 mm) or 6 in. (152) risers are installed.
- (2) Order this hose kit if engine is equipped with 5/8 in. (16 mm) I.D. hose and fittings from the back of the intake manifold to the engine water circulating pump
- (3) Use ONLY rear mounted closed cooling kit
- (4) Use ONLY front mounted closed cooling kit
- (5) No kit available



CLOSED COOLING KIT CHART - SKI (PRE-DRY JOINT EXH)

SKI Closed Cooling Kits (2002 and older)

Model	Model Notes	Year Range	Serial # Range	Closed Cooling Kit	Installation Kit
FRONT MOUNTED COOLING KITS					
Black Scorpion Ski		1996 - 2002	0F800000 - 0M316999	N/A	
MX 6.2 MPI Black Scorpion Ski		2001 - 2002	0L680003 - 0M316999	N/A	
Ski V-8 (350 cid)	EFI engines	1994 - 1996	0F215561 - 0K040005	(1)	N/A
Ski V-8 (350 cid)	2 bbl. carb and v-belt	1994 - 1996	0F160285 - 0K040003	N.L.A.	N/A
Ski V-8 (350 cid)	4 bbl. carb and v-belt	1994 - 1996	0F160100 - 0K040399	N.L.A.	N/A
Ski V-8 (350 cid)	2 bbl. carb & serpentine belt	1997	0K040004 - 0K999999	N/A	
Ski V-8 (350 cid)	4 bbl. carb & serpentine belt	1997	0K040400 - 0K999999	860427A 4	N/A
Ski V-8 (350 cid Gen+)		1997 - 2001	0K040006 - 0M299999	860427A 5	N/A
Ski V-8 (350 cid Gen+)	Carb engines	2002	0M300000 - 0M316999	860427A 5	N/A
Ski V-8 (350 cid Gen+)	MPI engines	2002	0M300000 - 0M316999	N.L.A.	
REAR MOUNTED COOLING KITS					
Black Scorpion Ski		1996 - 2002	0F800000 - 0M316999	(1)	N/A
MX 6.2 MPI Black Scorpion Ski		2001 - 2002	0L680003 - 0M316999	(1)	N/A
Ski V-8 (350 cid)	EFI engines	1994 - 1996	0F215561 - 0K040005	(1)	N/A
Ski V-8 (350 cid)	Carb engines & in-line transmission	1994 - 1997	0F160100 - 0K999999	N.L.A.	N.L.A.
Ski V-8 (350 cid)	Carb engines & V-drive transmission	1994 - 1997	0F160100 - 0K999999	N.L.A.	N.L.A.
Ski V-8 (350 cid Gen+)		1997 - 2001	0K040006 - 0M299999	N/A	
Ski V-8 (350 cid Gen+)	Carb engines	2002	0M300000 - 0M316999	N/A	
Ski V-8 (350 cid Gen+)	MPI engines w/ ECM 555	2002	0M300000 - 0M316999	N/A	
Ski V-8 (454 cid)		1995 - 1996	0F215800 - 0F820099	N/A	

(1) No kit available

(2) Use ONLY rear mounted closed cooling kit

(3) Use ONLY front mounted closed cooling kit