

HGE Marine Engine Products



2019 Catalog

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Generic Style - Ford Small Block V8 Manifold



Replaces:

Aqua Power# 5517

Barr# FM-1-83

GLM# 56250

Osco# FL-994

Sierra# 18-1998-1

HGE 1-81
Ford V8 Small Block Center Riser Manifold
(with mounting kit)

	<table> <tr> <th colspan="2">Mounting Kit # HGE 1-81MK</th></tr> <tr> <th>Items</th><th>Qty</th></tr> <tr> <td>Manifold Gasket HGE 10001</td><td>1</td></tr> <tr> <td>Riser Gasket (open) HGE 10107</td><td>1</td></tr> <tr> <td>Bolt $\frac{3}{8}$"-16UNC x $3\frac{3}{4}$"</td><td>4</td></tr> <tr> <td>+ Lock Washer</td><td>4</td></tr> <tr> <td>Steel Plug $\frac{3}{4}$" NPT</td><td>3</td></tr> </table>	Mounting Kit # HGE 1-81MK		Items	Qty	Manifold Gasket HGE 10001	1	Riser Gasket (open) HGE 10107	1	Bolt $\frac{3}{8}$ "-16UNC x $3\frac{3}{4}$ "	4	+ Lock Washer	4	Steel Plug $\frac{3}{4}$ " NPT	3
Mounting Kit # HGE 1-81MK															
Items	Qty														
Manifold Gasket HGE 10001	1														
Riser Gasket (open) HGE 10107	1														
Bolt $\frac{3}{8}$ "-16UNC x $3\frac{3}{4}$ "	4														
+ Lock Washer	4														
Steel Plug $\frac{3}{4}$ " NPT	3														

Generic Style – 3" Center Riser



Replace:

Aqua Power# 5705
Barr# 20-0082
GLM# 56110
Marine Power# 0992-000
Osco# 992
Sierra# 18-1999

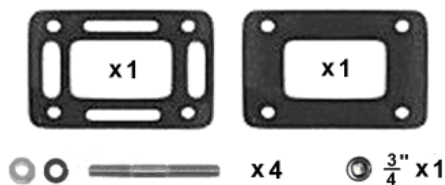
**HGE 0082
Center Riser (with mounting kit)**

3" outlet, 10° down angle. Use 3" i.d. flexible exhaust hose which facilitates connection to existing exhaust pipes.

The riser fits to following manifolds:

Manifolds	
HGE 1-81 , HGE 1-83	
Barr CHVA-1-84 , CHV-1-83, FM-1-83	
Osco 994, FL994, CW994	

Mounting Kit # HGE 0082MK	
Content	Qty
Riser Gasket (open) HGE 10107	1
Riser Gasket (close) HGE 10105	1
Stud 1¾" Long, One end ⅜"-16UNC, One end ⅜"-24UNF + Nut + Lock Washer	4
Steel Plug ¾" NPT	1



Indmar – 3" Exhaust Riser



Replaces:

Indmar# 53-2009

53-2018

Barr# 20-0102

Sierra# 18-1907

Mallory# 9-40112

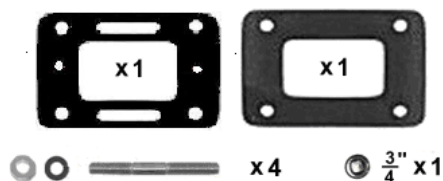
HGE 2018

Indmar 3" Center Riser (with mounting kit)

This manifold fits the following engines and manifolds

Engines	
GM / Ford V8	GM 305 / 350, Ford 302 / 351 Engines
Manifolds	
HGE 1-83	GM SB V8 Center Riser Manifold
HGE 1-81	Ford SB V8 Center Riser Manifold
53-2008	Indmar OEM Center Riser Manifold
CHV-1-83	Barr Marine GM SB V8 Center Riser Manifold
FM-1-83	Barr Marine Ford SB V8 Center Riser Manifold
18-1997-1	Sierra GM SB V8 Center Riser Manifold
18-1998-1	Sierra Ford SB V8 Center Riser Manifold
9-40111	Mallory Ford SB V8 Center Riser Manifold
9-40110	Mallory GM SB V8 Center Riser Manifold

Mounting Kit # HGE 2018MK	
Content	Qty
Restrictor Gasket HGE 10108	1
Closed Gasket HGE 10105	1
Bolt 1 $\frac{3}{4}$ " Long (one end $\frac{3}{8}$ " - 16UNC, one end $\frac{3}{8}$ " - 24UNF)	4
+ Nut ($\frac{3}{8}$ " - 24UNF)	4
+ Lock Washer	4
Steel Plug $\frac{3}{4}$ " NPT	1



Indmar – 3.5" Long Elbow



Replaces:

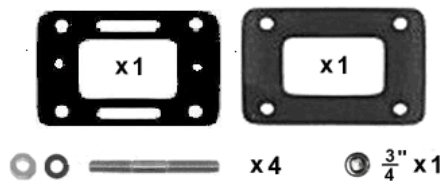
MasterCraft# 5232027

HGE 2027

Indmar 3.5" Center Riser (with mounting kit)

This manifold fits the following engines and manifolds

Engines	
GM / Ford V8	GM 305 / 350, Ford 302 / 351 Engines
Manifolds	
HGE 1-83 HGE 1-81	GM SB V8 Center Riser Manifold Ford SB V8 Center Riser Manifold
53-2008 CHV-1-83 FM-1-83	Indmar OEM Center Riser Manifold Barr Marine GM SB V8 Center Riser Manifold Barr Marine Ford SB V8 Center Riser Manifold
18-1997-1 18-1998-1	Sierra GM SB V8 Center Riser Manifold Sierra Ford SB V8 Center Riser Manifold
9-40111 9-40110	Mallory Ford SB V8 Center Riser Manifold Mallory GM SB V8 Center Riser Manifold



Mounting Kit # HGE 2018MK

Content	Qty
Restrictor Gasket HGE 10108	1
Closed Gasket HGE 10105	1
Bolt 1 3/4" Long (one end 3/8" - 16UNC, one end 3/8" - 24UNF)	4
+ Nut (3/8" - 24UNF)	4
+ Lock Washer	4
Steel Plug 3/4" NPT	1

HIGHLIGHTS OF THE 356-T6 ALUMINUM ALLOY MANIFOLD:

1. WHAT DOES “LPC” STAND FOR?

- A. “LPC” or “Low Pressure Casting” is a casting method that uses the pressure of inert gas to force the molten liquid metal from the bottom of the holding pot through a riser pipe into the tooling mold directly above.
- B. After the casting cools and solidifies, the pressure is reduced.
- C. The pressure applied usually does not exceed 1.0 bar, hence “low pressure casting”.

2. WHY IS “LPC” SUPERIOR TO “LOST FOAM” CASTING?

- A. The technology of “Lost Foam” casting is carried out by gravitational force (0.0689 bar, 1 atmosphere pressure) while LPC is done by pressurizing the molten liquid metal, usually at around 0.3 ~ 0.8 bar, 4.35~11.6 atmosphere pressure.
- B. LPC can be carefully controlled to eliminate porosity in the casting wall. This is because the molten metal becomes denser as it is squeezed into the mold by pressure, thus preventing gas bubbles and inclusions. The results are as superior as those produced by forging (manifolds can not be produced by forging).
- C. The LPC method allows for improved filling of thin-walled parts and large areas of tooling.

3. WHY CHOOSE 356-T6 ALLOY AND POWDER COAT FOR HGE MANIFOLDS?

- A. To prevent the manifold and the riser elbow from being corroded by its saline environment.
- B. The shiny powder coating not only enhances the attractiveness of the surface, but also increases the longevity of the manifold.

4. WHY IS ALUMINUM ALLOY MANIFOLDS MORE PREFERABLE THAN CAST IRON?

The weight of the traditional cast iron manifold and is greatly reduced (aluminum is 1/5th the weight of iron).

5. ALUMINUM MANIFOLDS MYTHS

- A. Myth 1: It acts like an anode!
Not true. The 356-T6 alloy is common; evidenced by the many large and small aluminum boats in the marina.
- B. Myth 2: The manifold will warp easily!
Not true. If the aluminum manifolds have good water cooling, they are an excellent heat conductive material. In nearly all automobiles today, aluminum is used for the engine head, intake manifold and engine block to reduce weight. Also, bear in mind the car engine runs 40 ~ 60 degrees F hotter than the boat engine.

Aluminum Products - MerCruiser V6 Manifold



HGE 9746-A
MerCruiser V6 Manifold – Aluminum
(with mounting kit)

Replaces:

Aqua Power# 5505
 Barr# MC-1-99746
 GLM# 51220,51225
 Marine Power# 0996-000
 MerCruiser# 99745
 99746
 Osco# 9745
 Sierra# 18-1952-1

This manifold fits MerCruiser GM V6 229 CID and 262 CID engines models 185R, 185MR, 205R and 205MR.

Riser	
HGE 4354-A	4" exhaust outlet, 7° down angle center riser (Aluminum)

	Mounting Kit # HGE9746-AMK	
	Content	Qty
	Manifold Gasket HGE 99757	1
	Riser Gasket (restrictor) HGE 41813	1
	Bolt 3/8" 16UNC x 5"	6
	+ Washer	6
	Aluminum Plug 3/4" NPT	2

Aluminum Products – MerCruiser V8 Big Block Manifold



Replaces:

Aqua Power# 5506
 Barr# MC-1-89011
 GLM# 51240,51245
 Marine Power# 0991-
 100 MerCruiser# 89011
 807078
 Osco# 9011
 Sierra# 18-1957-1

HGE 9011-A MerCruiser V8 Big Block Manifold – Aluminum (with mounting kit)

This manifold fits MerCruiser GM V8 Big Block engines models 330, 340 and 454 Magnum inboard and stern-drive unit.

Riser	
HGE 4354-A	4" exhaust outlet, 7° down angle center riser (Aluminum)

Mounting Kit # HGE9011-AMK	
Content	Qty
Manifold Gasket HGE 46820	1
Riser Gasket (restrictor) HGE 41813	1
Stud 1 $\frac{3}{4}$ " Long,(one end $\frac{3}{8}$ "-16UNC, One end $\frac{3}{8}$ "-24UNF)	8
+ Nut	8
+ Washer	8
Aluminum Plug $\frac{3}{4}$ " NPT	2



Aluminum Products – MerCruiser V8 Small Block Manifold



Replaces:

Aqua Power# 5500
 Barr# MC-1-87114
 GLM# 51230, 51235
 Marine Power# 0994-100
 MerCruiser # 87114 860246
 Osco# 7114B2
 Sierra# 18-1953-1

HGE 7114-A
MerCruiser V8 Small Block Manifold – Aluminum
(with mounting kit)

This manifold fits MerCruiser GM Small Block V8 305 - 350 CID engine models 220, 228, 230, 260 and 898.

Riser	
HGE 4354-A	4" exhaust outlet, 7° down angle center riser (Aluminum)

Mounting Kit # HGE7114-AMK	
Content	Qty
Manifold Gasket HGE 0000	1
Riser Gasket (restrictor) HGE 41813	1
Bolt $\frac{3}{8}$ " 16UNC x 5"	4
+ Washer	4
Aluminum Plug $\frac{1}{2}$ " NPT	1
Aluminum Plug $\frac{3}{4}$ " NPT	2

Aluminum Products – MerCruiser 4" Center Riser



Replaces:

Aqua Power# 5706
 Barr# MC-20-44354
 GLM# 55140,51145
 Marine Power # 0992-400
 MerCruiser# 44354
 807914
 807988
 Osco# 4354
 Sierra# 18-1976-1

HGE 4354-A
MerCruiser Center Riser – Aluminum
(with mounting kit)

4" exhaust outlet, 7° down angle.

The riser fits to following manifolds:

Manifolds	Engines
HGE 9011-A (MC-1-89011)	MerCruiser GM V8 Big Block Models 330, 340 and 454 Magnum inboard and stern-drive units.
HGE 7114-A (MC-1-87114)	MerCruiser GM V8 Small Block 228R, 260R, 898R
HGE 9746-A (MC-1-99746)	MerCruiser GM V6 229 and 262 CID models 185R, 185MR, 205R and 205MR



Mounting Kit # HGE4354-AMK

Content	Qty
Riser Gasket (close) HGE 41811	1
Riser Gasket (restrictor) HGE 41813	1
Bolt $\frac{3}{8}$ " 16UNC x 5 $\frac{1}{2}$ "	4
+ Washer	4
Aluminum Plug $\frac{3}{4}$ " NPT	1

MERCRUISER – V6 Manifold



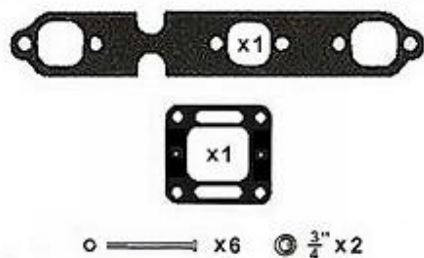
Replaces:

Aqua Power# 5505
 Barr# MC-1-99746
 GLM# 51220
 Marine Power# 0996-000
 MerCruiser# 99745
 99746
 Osco# 9745
 Sierra# 18-1952-1

HGE 9746 MerCruiser V6 Manifold (with mounting kit)

This manifold fits MerCruiser GM V6 229 CID and 262 CID engines models 185R, 185MR, 205R and 205MR.

Risers	
HGE 4354	4" exhaust outlet, 7° down angle center riser
MC-20-98504	3" exhaust outlet, 15° down angle center riser



Mounting Kit # HGE 9746MK

Content	Qty
Manifold Gasket HGE 99757	1
Riser Gasket (restrictor) HGE 41813	1
Bolt $\frac{3}{8}$ "-16UNC x 5"	6
+ Lock Washer	6
Steel Plug $\frac{3}{4}$ " NPT	2

MERCRUISER – V8 Big Block Manifold



Replaces:

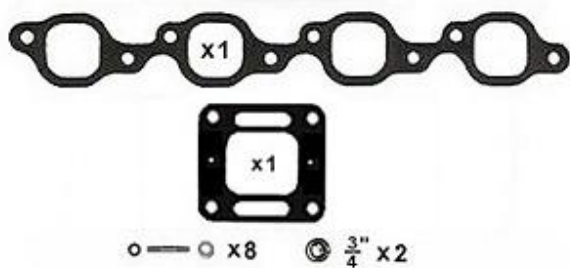
Aqua Power# 5506
 Barr# MC-1-89011
 GLM# 51240
 Marine Power# 0991-
 100 MerCruiser# 89011
 807078
 Osco# 9011
 Sierra# 18-1957-1

HGE 9011 MerCruiser V8 Big Block Manifold (with mounting kit)

This manifold fits MerCruiser GM V8 Big Block engine models 330, 340 and 454 Magnum inboard and stern-drive unit.

Risers	
HGE 4354	4" exhaust outlet, 7° down angle center riser
MC-20-98502	3" exhaust outlet, 0° center riser
MC-20-98504	3" exhaust outlet, 15° down angle center riser

Mounting Kit # HGE 9011MK	
Content	Qty
Manifold Gasket HGE 46820	1
Riser Gasket (restrictor) HGE 41813	1
Stud 1 $\frac{3}{4}$ " Long, (one end $\frac{3}{8}$ "-16UNC one end $\frac{3}{8}$ "-24UNF)	8
+ Nut	8
+ Lock Washer	8
Steel Plug $\frac{3}{4}$ " NPT	2



MERCRUISER – V8 Small Block Manifold



HGE 7114

MerCruiser V8 Small Block Manifold (with mounting kit)

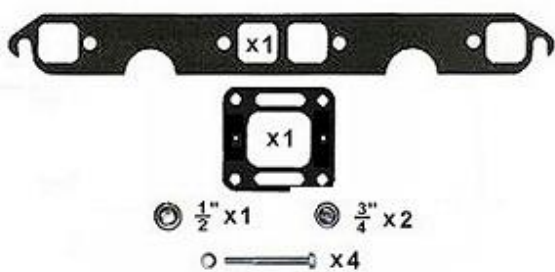
Replaces:

Aqua Power# 5500
 Barr# MC-1-87114
 GLM# 51230
 Marine Power# 0994-100
 MerCruiser # 87114
 860246
 Osco# 7114B2
 Sierra# 18-1953-1

This manifold fits MerCruiser GM Small Block V8 305 - 350 CID engines models 220, 228, 230, 260 and 898.

Risers	
HGE 4354	4" exhaust outlet, 7° down angle center riser
MC-20-98502	3" exhaust outlet, 0° center riser
MC-20-98504	3" exhaust outlet, 15° down angle center riser

Mounting Kit # HGE 7114MK	
Content	Qty
Manifold Gasket HGE 0000	1
Riser Gasket (restrictor) HGE 41813	1
Bolt $\frac{3}{8}$ "-16UNC x 5"	4
+ Lock Washer	4
Steel Plug $\frac{1}{2}$ " NPT	1
Steel Plug $\frac{3}{4}$ " NPT	2



MERCRUISER – V6 Dry Joint Manifold



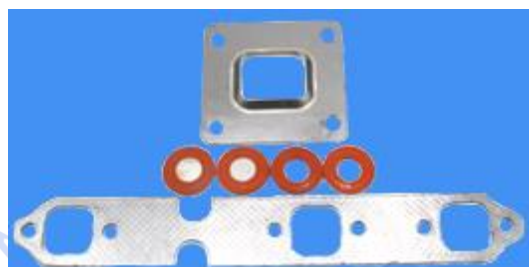
Replaces:

MerCruiser#
86412T01

HGE 4612
MerCruiser Center Riser Dry Joint Manifold
(with mounting kit)

This manifold fits the following engine and risers.

Engine	
MerCruiser SB V6	GM 4.3 V6 Engines
Risers	
HGE 4309	4" Exhaust Outlet, 7° Down Angle, 6.72" in Height, Center Dry Joint Riser
864309T02	MerCruiser OEM 7° Down Angle Dry Joint Exhaust Riser
864591T02	MerCruiser OEM Tall Dry Joint Exhaust Riser
MC-20-864591	Barr Marine Dry Joint Exhaust Riser
9-40560	Mallory Dry Joint Exhaust Riser



○ — x6 ● $\frac{3}{4}$ " x 2 ▲ $\frac{1}{8}$ " x 2

Mounting Kit # HGE 4612MK

Content	Qty
Manifold Gasket HGE99757	1
Stainless Steel Plate Gasket HGE 45460	1
Open Seal Ring HGE45470	2
Closed Seal Disc HGE45490	2
Bolt $\frac{3}{8}$ "-16UNC x 5"	6
+ Lock Washer	6
Steel Plug $\frac{3}{4}$ " NPT	2
Brass Plug $\frac{1}{8}$ " NPT	2

MERCRUISER – V8 Small Block Dry Joint Manifold



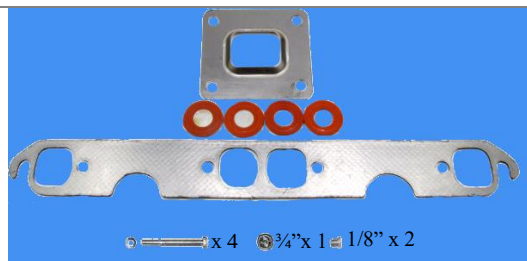
Replaces:

MerCruiser# 865735A02
Barr Marine# MC-1-865735
Mallory 9-40508

HGE 5735 MerCruiser Center Riser Dry Joint Manifold (with mounting kit)

This manifold fits the following engine and risers:

Engine	
MerCruiser SB V8	GM 5.0, 5.7 & 6.2 V8 Engines
Risers	
HGE 4309	4" Exhaust Outlet, 7° Down Angle, 6.72" in Height, Center Dry Joint Riser
864309T02	MerCruiser OEM 7° Down Angle Dry Joint Exhaust Riser
864591T02	MerCruiser OEM Tall Dry Joint Exhaust Riser
MC-20-864591	Barr Marine Dry Joint Exhaust Riser
9-40560	Mallory Dry Joint Exhaust Riser



Mounting Kit # HGE 5735MK

Content	Qty
Manifold Gasket HGE99757	1
Stainless Steel Plate Gasket HGE 45460	1
Open Seal Ring HGE45470	2
Closed Seal Disc HGE45490	2
Bolt 3/8"-16UNC x 5"	4
+ Lock Washer	4
Steel Plug 3/4" NPT	1
Brass Plug 1/8" NPT	2

MERCRUISER – 3.0L Exhaust Elbow



Replaces:

Aqua Power# 5726
Barr# MC-20-12076
MerCruiser# 12076
Osco# 2076
Sierra# 18-1975

HGE 2076 MerCruiser Riser (with mounting kit)

The riser fits to following manifolds:

Manifolds	
860235A03	MerCruiser 4 Cyl 3.0L Exhaust Manifold
806867A12	MerCruiser 4 Cyl 3.0L Exhaust Manifold
99798A 9	MerCruiser 4 Cyl 3.0L Exhaust Manifold
816329A3	MerCruiser 4 Cyl 3.0L Exhaust Manifold
MC-1-99798	Barr Marine Exhaust Manifold
MC-1-95862	Barr Marine Exhaust Manifold
MC-1-96705	Barr Marine Exhaust Manifold
18-1956-1	Sierra 2.5L & 3.0L Exhaust Manifold
18-1955-1	Sierra 2.5L & 3.0L Exhaust Manifold
18-1954-1	Sierra 2.5L & 3.0L Exhaust Manifold



X 1 X 2

Mounting Kit # HGE 2076MK

Content	Qty
Riser Gasket (open) HGE 99777	1
Bolt $\frac{3}{8}$ "-16UNC x 2 $\frac{1}{2}$ " + Lock Washer	2

MERCRUISER – V6 and V8 Engines 4" Center Riser



Replaces:

Aqua Power# 5706
 Barr# MC-20-44354
 GLM# 55140
 Marine Power # 0992-400
 MerCruiser# 44354
 807914
 807988
 Osco# 4354
 Sierra# 18-1976-1

HGE 4354
MerCruiser Center Riser (with mounting kit)

4" exhaust outlet, 7° down angle.

The riser fits to following manifolds:

Manifolds	Engines
HGE 9011 (MC-1-89011)	MerCruiser GM V8 models 330, 340 and 454 Magnum inboard and stern-drive units.
HGE 7114 (MC-1-87114)	MerCruiser GM V8 models 228R, 260R, 898R
HGE 9746 (MC-1-99746)	MerCruiser GM V6 229 and 262 CID models 185R, 185MR, 205R and 205MR



Mounting Kit # HGE 4354MK

Content	Qty
Riser Gasket (close) HGE 41811	1
Riser Gasket (restrictor) HGE 41813	1
Bolt $\frac{3}{8}$ " -16UNC x $5\frac{7}{8}$ "	4
+ Lock Washer	4
Steel Plug $\frac{3}{4}$ " NPT	1

MERCRUISER – V6 and V8 Engines Dry Joint Short Riser



Replaces:

MerCruiser# 864309T02

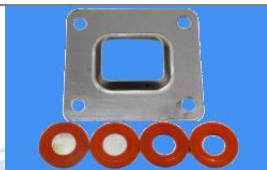


HGE 4309

**MerCruiser Short Dry Joint Center Riser, 7° Down Angle
(with mounting kit)**

The riser fits to following engines and manifolds:

Engines	
MerCruiser V6 & V8	GM 4.3, 5.0, 5.7 & 6.2 engines
Manifolds	
HGE 4612	MerCruiser Dry Joint GM V6 Exhaust Manifold
HGE 5735	MerCruiser Dry Joint GM V8 Exhaust Manifold
864612T01	MerCruiser OEM Dry Joint GM V6 Exhaust Manifold
865735A02	MerCruiser OEM Dry Joint GM V8 Exhaust Manifold
MC-1-865735	Barr marine Dry Joint GM V8 Exhaust Manifold
9-40508	Mallory Dry Joint GM V8 Exhaust Manifold



Bolt $\frac{3}{8}$ " -16UNC x $5\frac{7}{8}$ " x4 $\frac{3}{4}$ " x1

Mounting Kit # HGE 4309MK

Content	Qty
Stainless Steel Plate Gasket HGE 45460	1
Open Seal Ring HGE 45470	2
Closed Seal Disc HGE 45490	2
Bolt $\frac{3}{8}$ " -16UNC x $5\frac{7}{8}$ "	4
+ Lock Washer	4
Steel Plug $\frac{3}{4}$ " NPT	1

MERCRUISER – Dry Joint High Riser



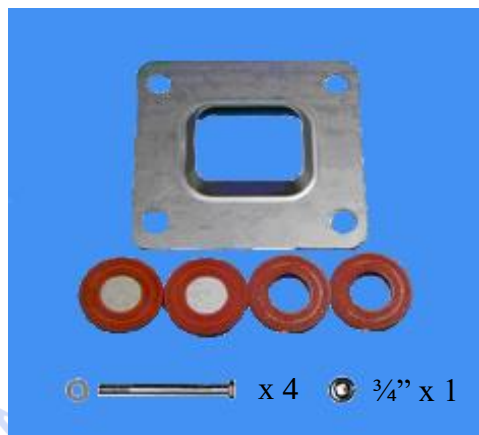
Replaces:

MerCruiser#
864591T02
Barr# MC-20-864591

HGE 4591 MerCruiser Dry Joint High Riser, 14° Down Angle

The riser fits to following manifolds:

Manifolds	Engines
HGE 5735	MerCruiser SB V8 GM 5.0, 5.7 & 6.2
HGE 4612	MerCruiser SB V6 GM 4.3 V6



Mounting Kit # HGE4591MK

Content	Qty
Stainless Steel Plate Gasket	1
Open Seal Ring	1
Closed Seal Ring	2
Bolt 3/8" 16UNC x 7-1/2"	4
Lock Washer	4
Steel Plug 3/4" NPT	1

MERCRUISER – Log Style 3" Riser



Replaces:

Aqua Power# 5701
 Barr# MC-20-60426
 MC-20-76351
 GLM# 51120
 Marine Power# 0993-001
 MerCruiser# 76351
 60426
 49964
 Osco# 6351
 Sierra# 18-1971

HGE 6351 **MerCruiser Log Manifold Riser (with mounting kit)**

3" exhaust outlet, 90° down angle.

The riser fits to following manifolds:

Manifolds	Engines
HGE 7234 (MC-1-77234)/ HGE 7235 (MC-1-77235)	MerCruiser GM Small Block V8 305 - 350 CID models 198, 228, 255, 260 and 898 inboard and stern-drive units. (Port Side: 0999-710, Starboard Side: 0999-712)
HGE 8759	MerCruiser GM In-Line 6 Cylinder 250 and 292 CID model 165 and 200
MC-1-65603 / MC-1-65604	MerCruiser Ford Small Block V8 302 - 351 CID Models 188, 215, 225, 233, 255 and 888 inboard and stern-drive units.
MC-1-52390	MerCruiser 4 cylinder 181 CID 140 h.p. model 140

	Mounting Kit # HGE 6351MK	
	Content	Qty
	Riser Gasket (open) HGE 52076	1
	Riser gasket (close) HGE 92720	1
	Stud $\frac{3}{8}$ " x $1\frac{3}{4}$ "	4
	+ Nut	4
	+ Lock Washer	4
	Steel Plug $\frac{3}{4}$ " NPT	1

MERCRUISER – 470 Elbow / Reservoir



Replaces:

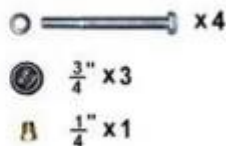
MerCruiser#
98562A6
Sierra# 18-1937
Mallory# 9-40551

HGE 8561 MerCruiser Elbow (with mounting kit)

The elbow fits to following engines and manifolds:

Engines	
MerCruiser	MerCruiser 224 I/L4 Engine, 165/170/180/190/470/3.7L
Manifolds	
HGE 6219-A	MerCruiser Aluminum Exhaust Manifold
816219A 5	MerCruiser Aluminum Exhaust Manifold

Mounting Kit # HGE 8561MK		
Content		Qty
Elbow/Reservoir Gasket HGE 88562		1
Bolt $\frac{7}{16}$ "-14UNC x 4"		4
+ Lock Washer		4
Steel Plug $\frac{3}{4}$ " NPT		3
Brass Plug $\frac{1}{8}$ " NPT		1



MERCRUISER – Exhaust Tubes



HGE 4478-A

MerCruiser Oval Elbow – 4" Aluminum Exhaust Tube

Replaces:

MerCruiser # 14478T01



HGE 7153-ARP

MerCruiser 4" to 3" Aluminum Exhaust Tube

Replaces:

MerCruiser # 807153T

OMC - 2.3L Exhaust Manifold



Replaces:

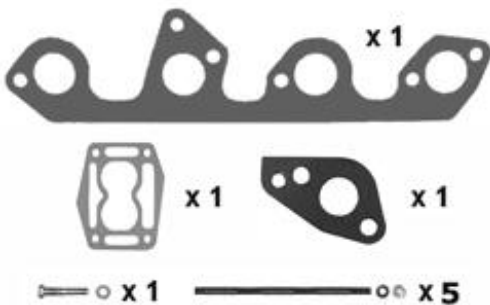
OMC 912472
913395
986041

HGE 6041
OMC 2.3L Exhaust Manifold (with mounting kit)

This manifold fits riser HGE 3394.

Riser	
HGE 3394	OMC 2.3L Riser

Mounting Kit # HGE 6041MK	
Content	Qty
Manifold Gasket HGE 913393	1
Riser Gasket HGE 912477	1
T-Housing Gasket HGE 912478	1
Bolt M10x1.5, 40mm + Lock Washer	1 1
Stud M10x1.5, 170mm (thread length one end 35mm; one end 20mm) + Lock Washer + Nut	5 5 5



OMC - 2.3L Riser



Replaces:

OMC 913394

HGE 3394
OMC 2.3L Riser (with mounting kit)

This manifold fits manifolds HGE 6041.

Manifold	
HGE 6041	OMC 2.3L Exhaust Manifold

 x 1	Mounting Kit # HGE 3394MK	
	Content	Qty
	Riser Gasket HGE 912477	1
	Bolt $\frac{3}{8}$ "-16UNC x 5"	2
	+ Lock Washer	2
	Bolt $\frac{3}{8}$ "-16UNC x 1½"	2
	+ Lock Washer	2

OMC - 2.3L Engine Thermostat Housing



Replaces:

OMC 985470

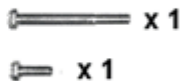
HGE 5470 OMC 2.3L Engine Thermostat Housing (with mounting kit)

Fits OMC 2.3L engine.

Riser	
HGE 6041	OMC 2.3L Exhaust Manifold



x 1



x 1

x 1

Mounting Kit # HGE 5470MK

Content	Qty
Thermostat Housing Gasket HGE 912478	1
Bolt $\frac{3}{8}$ "-16UNC x 3"	1
Bolt $\frac{3}{8}$ "-16UNC x 1 $\frac{1}{4}$ "	1

OMC/VOLVO – GM V8 Small Block Manifold



Replaces:

Aqua Power# 5516
 Barr# OMC-1-914035
 GLM# 51430
 OMC# 914035
 3852374
 Osco# 52374
 Sierra# 18-1986
 Volvo# 3852374-2

HGE 4035 OMC/Volvo V8 Small Block Manifold (with mounting kit)

This manifold fits Volvo 305-350 C.I.D. GM Small Block V8 engines, year 1994 and up.

Riser	
HGE 3784	Center riser, 4" exhaust outlet, 7° down angle.

Mounting Kit # HGE 4035MK	
Content	Qty
Manifold gasket HGE 0000	1
Riser Gasket (restricted) HGE 43872	1
Bolt $\frac{3}{8}$ "-16UNC x $4\frac{3}{8}$ " + Lock Washer	6
Steel Plug $\frac{3}{4}$ " NPT	2
Steel Plug $\frac{1}{2}$ " NPT	1

OMC/VOLVO – GM V6 Manifold



Replaces:

Volvo# 3852338
385756

HGE 7656
OMC/Volvo GM V6 Manifold (with Mounting kit)

Fits Volvo v6 4.3L engine, 1995 and up, OMC v6 4.3L engine, 1991 and up.

Fits following riser:

Riser	
HGE 3784	Center riser, 4" exhaust outlet, 7° down angle.

Mounting Kit # HGE 7656MK	
Content	Qty
HGE99757 - Manifold Gasket	1
HGE43872 - Riser Gasket (restricted)	1
Bolt 3/8"-16UNC x 4 3/8" + Lock Washer	6
Steel Plug 1/2" NPT	1

OMC/VOLVO – GM V6 and V8 Engines 4" Center Riser



Replaces:

Aqua Power# 5711
 Barr# OMC-20-913784
 GLM# 51330
 OMC# 913784
 3855270
 3850456
 Osco# 50456
 Sierra# 18-1909
 Volvo# 3855270-9

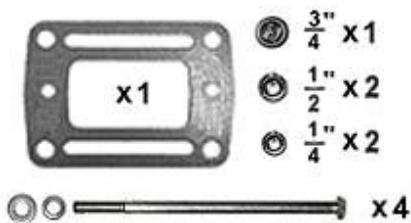
HGE 3784
OMC/Volvo Riser (with mounting kit)

Center riser, 4" exhaust outlet, 7° down angle.

This riser fits following manifolds:

Manifolds	Engine (Carbureted and EFI Engines)
HGE 4035	Volvo 305-350 C.I.D. GM Small Block V8 engine, year 1994 to 2001.
HGE 7656	Volvo V6 4.3L engine, 1995 and up, OMC V6 4.3L engine, year 1991 and up.

Mounting Kit # HGE 3784MK	
Content	Qty
Riser Gasket (restricted) HGE 43872	1
Bolt 3/8"-16UNC x 7 3/8" + Flat Washer + Lock Washer	4 4 4
Steel Plug 3/4" NPT	1
Steel Plug 1/2" NPT	2
Brass Plug 1/4" NPT	2



VOLVO – GM V8 Small Block Manifold



Replaces:

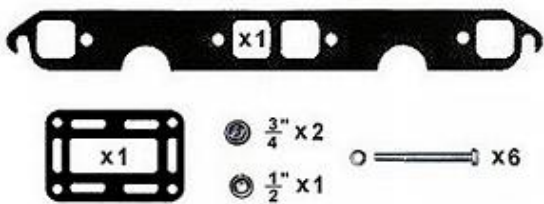
Aqua Power# 5515
 Barr# VO-1-835804
 GLM# 51630
 Marine Power# 0999-772
 Osco# 5805
 Sierra# 18-1931-1
 Volvo# 835804
 835805
 835806
 856883

HGE 5804 Volvo V8 Small Block Manifold Pre-1994 (with mounting kit)

This manifold fits Volvo GM V8 Small Block 305 - 350 CID engines. Models AQ and BB 200, 205, 211, 231, 225, 260, 271, 290, 311, 500, 501, 570, 571 and 572.

Riser	
HGE 5384	3¾"(95mm) exhaust outlet, 30° down angle.

Mounting Kit # HGE 5804MK	
Content	Qty
Manifold Gasket HGE 0000	1
Riser Gasket (open) HGE 35908	1
Bolt ⅜"-16UNC x 5⅛" + Lock Washer	6
Steel Plug ¾" NPT	2
Steel Plug ½" NPT	1



VOLVO – GM V8 Small Block Center Riser



Replaces:

Aqua Power# 5710
 Barr# VO-20-855384
 GLM# 51510
 Marine Power# 0999-773
 Osco# 56879
 Sierra# 18-1935-1
 Volvo# 855380
 855384
 856879
 856891

HGE 5384
Volvo Riser Pre-1994
(with mounting kit)

3 $\frac{3}{4}$ "(95mm) exhaust outlet, 30° down angle riser.

This riser fits following manifold:

Manifold	Engines
HGE 5804	Volvo GM V8 Small Block 305 - 350 CID models AQ and BB 200, 205, 211, 231, 225, 260, 271, 290, 311, 500, 501, 570, 571 and 572.

	Mounting Kit # HGE 5384MK	
	Content	Qty
	Riser Gasket (open) HGE 35908	1
	Bolt 5/16"-18UNC x 5/8"	2
	+ Lock Washer	2
	Bolt 5/16"-18UNC x 1 3/4"	2
	+ Lock Washer	2
	Steel Plug 3/4" NPT	1

VOLVO – 4 Cylinder Engine Manifold



Replaces:

Barr# VO-1-824532

Volvo# 824532-6



HGE 4532
Volvo 4-Cylinder Manifold (with mounting kit)

This manifold fits elbow HGE 5599.



Mounting Kit # HGE 4532MK

Content	Qty
Manifold Gasket HGE 56044	1
Riser/End Gasket HGE 56028	2
Bolt 5/16"-18UNC x 4 1/2"	2
+ Lock Washer	2
Stud 5/16" x 3"	1
+ Nut	1
+ Lock Washer	1

VOLVO – 4 Cylinder Engine Manifold



Replaces:

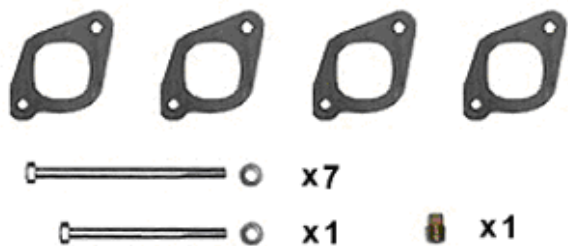
Aqua Power# 5514
Barr# VO-1-855387
GLM# 51610
Osco# VO-418
Sierra# 18-1930-1
Volvo# 834438-4
855387-7

HGE 5387
Volvo 4-Cylinder Manifold (with mounting kit)

This manifold fits Volvo 2.3L and 2.5L 4-Cylinder engines. Models AQ120B, 125A, 131A B C D, 140A, 145A BB, 151A/B/C, 230A/B, 250A/B.

The image displays the components of a mounting kit. At the top, there are four identical black manifold gaskets, each with a central square hole and four circular mounting holes at the corners. Below the gaskets, there are two long bolts with lock washers, labeled 'x7', and one shorter bolt with a lock washer, labeled 'x1'. To the right of these bolts is a single brass plug, labeled 'x1'.

Mounting Kit # HGE 5387MK	
Content	Qty
Manifold Gasket HGE 55383	4
Bolt M8 x 1.25 - 130mm	7
+ Lock Washer	7
Bolt M8 x 1.25 - 110mm	1
+ Lock Washer	1
Brass Plug 1/4" NPT	1



VOLVO – 4 Cylinder Exhaust Bend



Replaces:

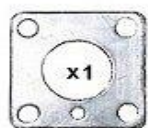
Barr# VO-20-825599

Volvo# 825599-4

HGE 5599
Volvo 4-Cylinder Exhaust Bend
(with mounting kit)

This bend fits manifold HGE 4532.

Manifold	
HGE 4532	Volvo 4-Cylinder Manifold



x4

Mounting Kit # HGE 5599MK

Content	Qty
Riser/End Gasket HGE 56028	1
Bolt 7/16"-14UNC x 1" + Lock Washer	4
	4

VOLVO – V6 Engine Manifold

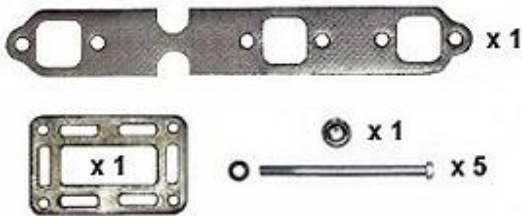


HGE 6894
Volvo V6 Manifold (with mounting kit)

Replaces:

Volvo# 856894-1
GLM# 54640
Sierra# 18-1932

This manifold fits Volvo V-6 engine model AQ175-A.

	<table> <tr> <th colspan="2">Mounting Kit # HGE 6894MK</th></tr> <tr> <th>Content</th><th>Qty</th></tr> <tr> <td>Manifold Gasket HGE 99757</td><td>1</td></tr> <tr> <td>Riser Gasket (open) HGE 35908</td><td>1</td></tr> <tr> <td>Bolt $\frac{3}{8}$"-16UNC x 5"</td><td>5</td></tr> <tr> <td>+ Lock Washer</td><td>5</td></tr> <tr> <td>Steel Plug $\frac{1}{2}$" NPT</td><td>1</td></tr> </table>	Mounting Kit # HGE 6894MK		Content	Qty	Manifold Gasket HGE 99757	1	Riser Gasket (open) HGE 35908	1	Bolt $\frac{3}{8}$ "-16UNC x 5"	5	+ Lock Washer	5	Steel Plug $\frac{1}{2}$ " NPT	1
Mounting Kit # HGE 6894MK															
Content	Qty														
Manifold Gasket HGE 99757	1														
Riser Gasket (open) HGE 35908	1														
Bolt $\frac{3}{8}$ "-16UNC x 5"	5														
+ Lock Washer	5														
Steel Plug $\frac{1}{2}$ " NPT	1														

VOLVO – V6 Engine Center Riser



Replaces:

Volvo# 857037-6

GLM# 51520

Sierra# 18-1936

HGE 7037
Volvo V6 Riser (with mounting kit)

This riser fits Volvo V-6 engine model AQ175.

	Mounting Kit # HGE 7037MK	
	Content	Qty
	Riser Gasket (open) HGE 35908	1
	Bolt 5/16"-18UNC x 5 3/4"	2
	+ Lock Washer	2
	Bolt 5/16"-18UNC x 2 1/2"	2
	+ Lock Washer	2
	Steel Plug 1/2" NPT	1

Volvo Penta Diesel Elbows

 HGE 9963	Exhaust Elbow, Fits Volvo Engine TAMD31P/L/M, TAMD41P/M/H. Replaces: Volvo# 859963
 HGE 1289	Exhaust Elbow, Fits Volvo Engine TAMD300, TAMD43P, TAMD42WJ / K22. Replaces: Volvo# 861289
 HGE 5261	Exhaust Elbow, Fits Volvo Engine TAMD30, TAMD40, TMD40A and AQD40A Replaces: Volvo# 845261, Sierra 18-4007
 HGE 8481 Limited supply	Fits Volvo Engine AQAD41A. Replaces: Volvo# 858481

Volvo Penta Water Connector



Replaces:

Volvo# 845528

HGE 5528 Volvo Penta Water Connector (with mounting kit)

This connector fits Volvo Penta Diesel models AQAD40, AQAD40B, TAMD40A, and TAMD40B.



Mounting Kit # HGE 5528MK

Content	Qty
Gasket HGE 845527	1
M8 x 18mm Hex Socket Head Cap Screw	2

Yanmar and Detroit Diesel Elbows



HGE 3520

Exhaust Elbow, Fits Yanmar 1GM, 2GM, 3GM, 1GM10, 2GM10, 3GM30, 3HM, 3HM35F.

Replaces:

Yanmar # 124070



HGE 1086

Exhaust Elbow

Replaces:

Detroit Diesel 6-71-TI Engine Exhaust Elbow

Accessories – End Plate, Spacer, Bracket



HGE 4870



X 1

X 4

Mounting Kit

End Cap/Connector (rear), Fits MerCruiser Log Style manifolds HGE 7234, 7235 and 8759, MC-1-47737, MC-37738. Package includes mounting kit.

Replaces:

Barr # 1-54870
MerCruiser # 54870
Osco # 54870
Sierra# 18-1912

Mounting Kit # HGE 4870MK

Content	Qty
End Gasket HGE 48043	1
Bolt 5/16"-18UNC x 1" + Lock Washer	4



HGE 0252



X 1

X 4

Mounting Kit

End Cap/Connector (front), 1" hose. Fits MerCruiser Log Style manifolds HGE 7234, HGE 7235 and HGE 8759.

Replaces:

Barr # 1-60252
GLM # 51010
MerCruiser # 60252
Osco # 60252
Sierra# 18-4009

Mounting Kit # HGE 0252MK

Content	Qty
End Gasket HGE 48043	1
Bolt 5/16"-18UNC x 1" + Lock Washer	4

Accessories – End Plate, Spacer, Bracket



HGE 3320PR



Mounting Kit

3" Spacer Block,
Fits MerCruiser manifolds HGE 7114, HGE
9746 and HGE 9011.
Package includes mounting kit.

Replaces:

Barr # MC-20-93320A3
MerCruiser # 93320
Osco # 3320
Sierra# 18-1908

Mounting Kit # HGE3320PRMK

Content	Qty
Riser Gasket (restrictor) HGE 41813	4
Stud 1 3/4" Long, (one end 3/8"-16UNC; one end 3/8"-24UNF)	8
+ Nut	8
+ Lock Washer	8
Steel Plug 3/4" NPT	2
Steel Plug 1/8" NPT	4



HGE 3320-APR



Mounting Kit

3" Aluminum Spacer Block,
Fits MerCruiser manifolds HGE 7114, HGE
9746 and HGE 9011.
Package includes mounting kit.

Replaces:

Barr # MC-20-93320A3
MerCruiser # 93320
Osco # 3320
Sierra# 18-1908

Mounting Kit # HGE3320APRMK

Content	Qty
Riser Gasket (restrictor) HGE 41813	4
Stud 1 3/4" Long, (one end 3/8"-16UNC; one end 3/8"-24UNF)	8
+ Nut	8
+ Lock Washer	8
Steel Plug 3/4" NPT	2
Steel Plug 1/8" NPT	4



HGE 4929PR

Mounting Kit

3" Spacer Block,
Fits MerCruiser manifolds HGE 5737, HGE 4612.
Package includes mounting kit.

Replaces:

MerCruiser # 864929A 3

Mounting Kit # HGE4929PRMK	
Content	Qty
HGE43872 - Riser Gasket (restrictor)	4
Stud 3/8"-16UNC x 1/2", 3/8"-24UNF x 1",	8
+ Nut	8
+ Lock Washer	8
Steel Plug 3/4" NPT	2
Steel Plug 1/8" NPT	4
Tap bolts	3

Accessories – End Plate, Spacer, Bracket



HGE 1184

GM V6-V8 Engines Alternator Bracket

Replaces:

Barr MC-27-93175



HGE 3714

MerCruiser Drop Down Bracket

Accessories – Tube, Damper Plate



HGE 0092

Aluminum 4" Exhaust Tube.



HGE 7K2C

Full circle damper 13.25" diameter for 26-spline transmissions.
Fits engines up to 430 CID

Replaces: AS7K2C



HGE 4K2C

Triangular Drive Damper Assembly for Velvet Drive Marine Transmissions. Fits most GM with a 14" flywheel.

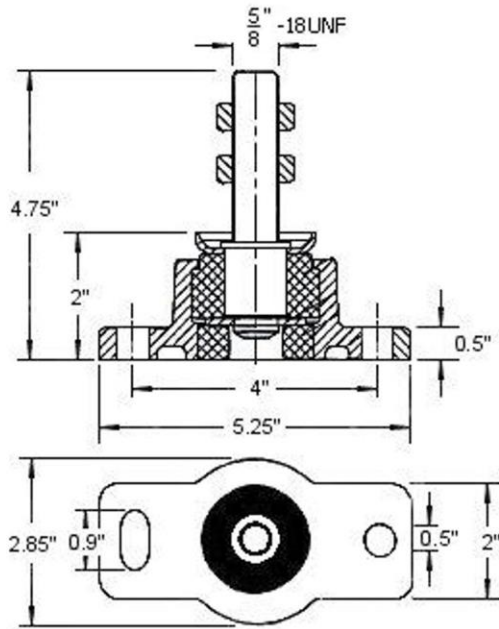
Common use 6.66" RAD. (triangle) 1.353 Spline 26 Tooth.

Fits most GM based marine engines with a 14 inch flywheel.

Replace:

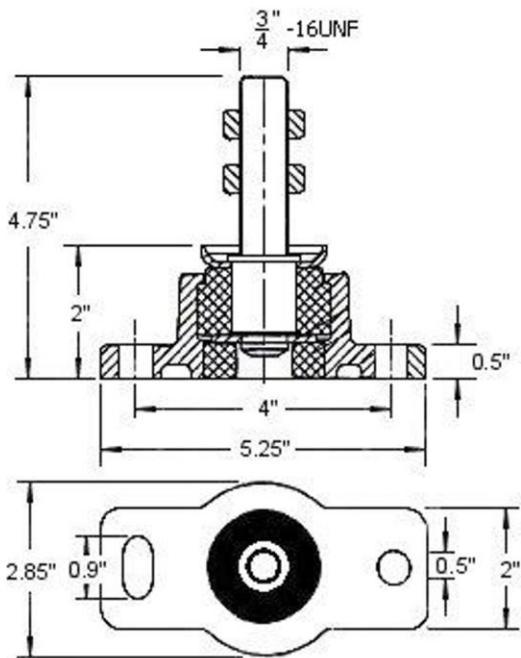
A LTDA-106
1004-650-006
AS4-K2C

Accessories – Engine Mounts



HGE 1421
Engine mount
135 kg/ 300lb

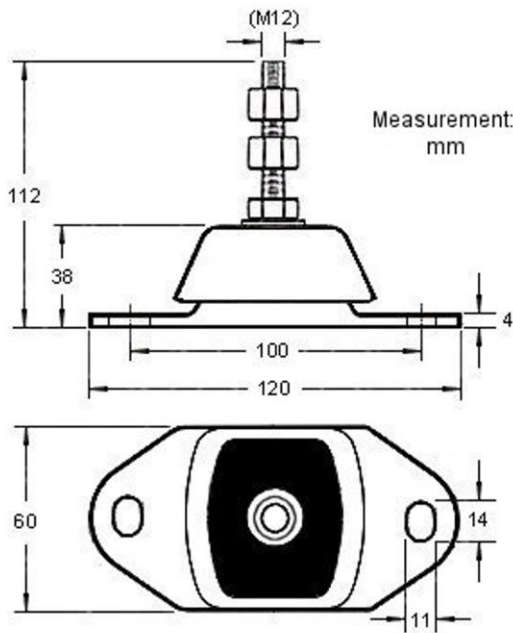
Replaces :
DF-206



HGE 1422
Engine mount
135 kg/ 300lb

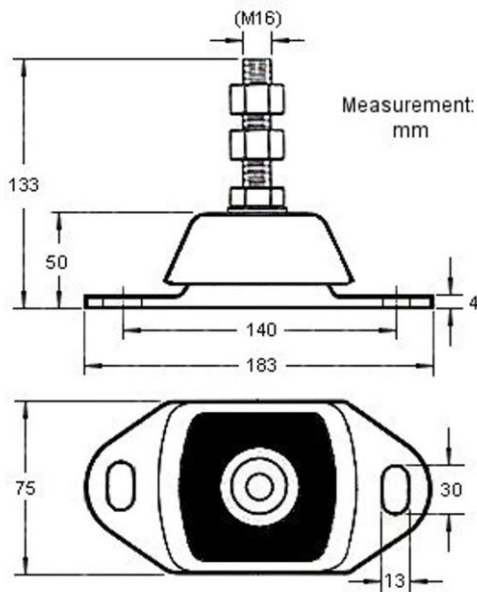
Replaces :
DF-216

Accessories – Engine Mounts



HGE 1605

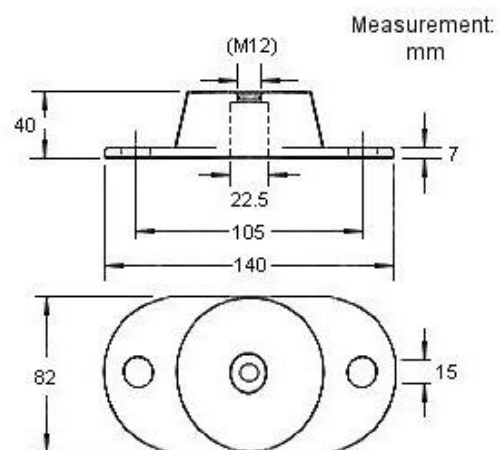
Engine mount
55 kg/ 120 lb



HGE 1609

Engine Mount
160 kg/ 355 lb

Accessories – Engine Mounts



RM520C Green

Engine Mount
55 kg / 120 lb

Accessories – Water Fittings



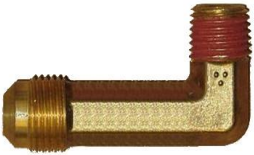
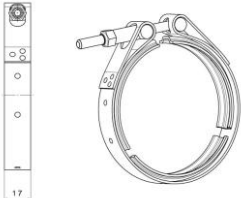
HGE 0045

Stainless Steel ¾" NPT to 1": hose fitting
45° fitting



HGE 0090

Stainless Steel ¾" NPT to 1": hose fitting
90° fitting

 HGE 3276	Mercruiser Fuel Pump Long Elbow
 HGE 5021	3/4"NPT to 1-1/4" 90 Degree Brass Elbow
 HGE 5175	Brass Bushing 3/4" to 1/2" NPT
 HGE 6926	3/4"NPT, 1" Hose Brass Drain Elbow
 HGE 9012	1/2"NPT to 3/4" 90 Degree Brass Elbow
 HGE 5765	V-Clamp 3 1/2"

Accessories – OMC 460 Conversion Kit



HGE 460 Adapters
OMC 460 Manifold Conversion Adapters
 *Gaskets and bolts are included

Engine	
OMC King Cobra	OMC Ford 460 V8 engine
Manifold Kit	
HGE 460K	MerCruiser Aluminum Big Block Manifolds HGE 9011-A and HGE 4354-A Risers.

Gasket



HGE0000

GM Small Block V8 Manifold Gasket



HGE10001

Ford Small Block V8 Manifold Gasket



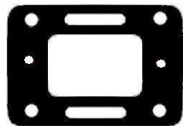
HGE10105

Barr Style Riser Closed Gasket



HGE10107

Barr Style Riser Open Gasket



HGE10108

Barr Style Riser Restrictor Gasket



HGE35908

Volvo Penta Riser Open Gasket, Pre 1994



HGE35908-A

Volvo Penta Riser Closed Gasket, Pre 1994



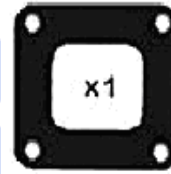
HGE10105

Volvo Penta Riser Closed Gasket, Pre 1994



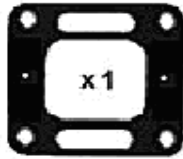
HGE3853283

Volvo Penta Riser Closed Gasket, Pre 1994



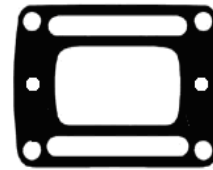
HGE41811

MerCruiser Center Riser Closed Gasket



HGE41813

MerCruiser Center Riser Restrictor Gasket



HGE10105

OMC/Volvo Riser Restrictor Gasket



HGE35908-A

OMC/Volvo Riser Closed Gasket



HGE43783

OMC/Volvo Riser Open Gasket



HGE45460

Mer. DJ Stainless Steel Plate Gasket



HGE46401

GM Inline 6 Manifold Gasket



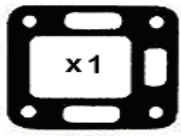
HGE46820

GM Big Block V8 Manifold Gasket



HGE48043

MerCruiser Log Manifold End Plate Gasket



HGE52076

MerCruiser Log Riser Gasket



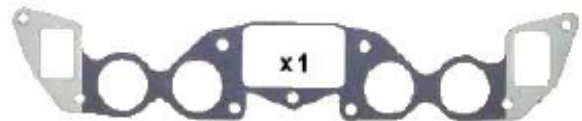
HGE55383

Volvo Penta 4 Cylinder Engine Manifold Gasket



HGE56028

Volvo Penta 4 Cylinder Engine (Early Year)
Elbow Gasket



HGE56044

Volvo Penta 4 Cylinder Engine (Early Year)
Manifold Gasket



HGE58764

GM Inline 6 Manifold Carburetor Gasket



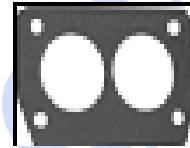
HGE64692

Rochester Carburetor Gasket



HGE68715

Ford 470 Manifold Gasket



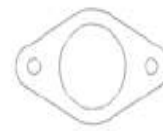
HGE807982

MerCruiser Carburetor Gasket



HGE815528

MerCruiser 3L Manifold Gasket



HGE845527

Volvo Penta Water Connector Gasket



HGE87105

MerCruiser Center Riser Open Gasket



HGE88562

MerCruiser 470 Reservoir / Elbow Gasket



HGE89656

MerCruiser 470 Thermostat Housing Gasket



HGE908013

OMC/Volvo Penta 3L Riser Gasket



HGE912477

OMC 2.3L Riser Gasket



HGE912478

OMC 2.3L Thermostat Housing Gasket



HGE913393

Barr Style Riser Closed Gasket



HGE92720

MerCruiser Log Style Riser Closed Gasket



HGE99757

GM V6 Manifold Gasket



HGE99777

MerCruiser 4-Cylinder Riser Gasket

Mounting Kits

HGE0082MK

Barr Style 3" Riser MK

Qty

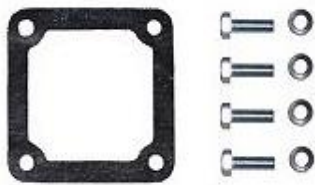


HGE10107 - Riser Gasket (open)	1
HGE10105 - Riser Gasket (close)	1
Stud 3/8"x 1-3/4"	4
+ Nut	4
+ Lock Washer	4
Steel Plug 3/4" NPT	1

HGE0252MK

MerCruiser Log Manifold End Plate MK

Qty



HGE 48043 - End Gasket	1
Bolt 5/16"x 1" + Lock Washer	4

HGE1-81MK

Ford Small Block V8 Manifold Mounting Kit

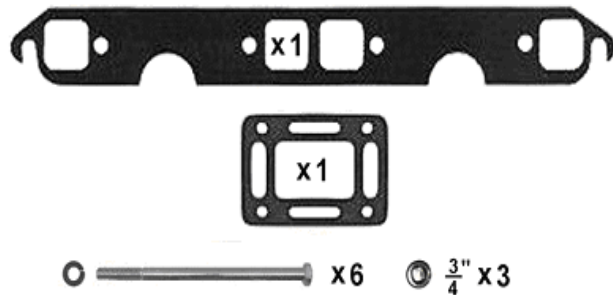
Qty



HGE10001 - Manifold Gasket	1
HGE10107 - Riser Gasket (open) Bolt	1
3/8"16UNC x 3-3/4"	4
+ Lock Washer	4
Steel Plug 3/4" NPT	3

HGE1-83MK

GM Small Block V8 Manifold Mounting Kit



	Qty
HGE0000 - Manifold Gasket	1
HGE10107 - Riser Gasket (open)	1
Bolt 3/8"x 3-1/2"	6
+Nut	6
+Lock Washer	6
Steel Plug 3/4" NPT.	3

HGE1235MK

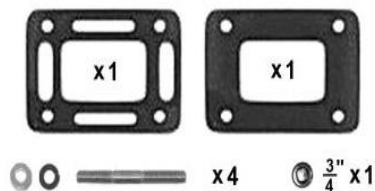
MerCruiser 3L Manifold MK



	Qty
HGE815528 - Manifold Gasket	1
HGE99777 - Riser Gasket	1
HGE807982 - Carburetor Gasket 3/8" - 16UNC x 1", 4-3/4" long bolt 3/8" - 16UNC x 3/4", 3/8" - 24UNF x 1.5", 5-3/8" long Stud	1
	2
3/8" - 24UNF Nut	3
3/8" Lock Washer	3
3/4" NPT to 1" Hose Filling	5
	1

HGE2018MK

Indmar Long Elbow MK



	Qty
HGE 10108 - Restrictor Gasket	1
HGE 10105 - Closed Gasket	1
Bolt 1 3/4" Long (one end 3/8" - 16UNC, one end 3/8" - 24UNF)	4
+ Nut (3/8" - 24UNF)	4
+ Lock Washer	4
Steel Plug 3/4" NPT	1

HGE2076MK

MerCruiser Round Elbow MK



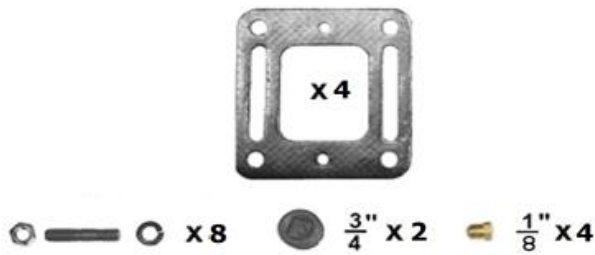
Qty

HGE 99777 - Riser Gasket (open)
Bolt $\frac{3}{8}$ "-16UNC x $2\frac{1}{2}$ "
+ Lock Washer

1
2
2

HGE3320-AMK / HGE3320PRMK

MerCruiser Aluminum 3" Spacer MK / MerCruiser Cast Iron 3" Spacer MK



Qty

HGE 41813 - Riser Gasket (restrictor)
Stud $1\frac{3}{4}$ " Long, (one end $\frac{3}{8}$ "-16UNC;
one end $\frac{3}{8}$ "-24UNF)
+ Nut
+ Lock Washer
Steel Plug $\frac{3}{4}$ " NPT
Steel Plug $\frac{1}{8}$ " NPT

4
8
8
8
2
4

HGE3394MK

OMC 2.3L Riser MK



Qty

HGE 912477 - Riser Gasket
Bolt $\frac{3}{8}$ "-16UNC x 5"
+ Lock Washer
Bolt $\frac{3}{8}$ "-16UNC x $1\frac{1}{2}$ "
+ Lock Washer

1
2
2
2
2

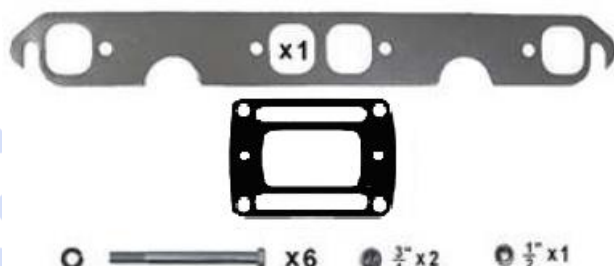
HGE3784MK

OMC/Volvo Penta Riser MK, 1994 and Up

		Qty
	$\frac{3}{4}$ " x 1	
	$\frac{1}{2}$ " x 2	
	$\frac{1}{4}$ " x 2	
	x4	
	HGE 43872 - Riser Gasket (restricted)	1
	Bolt $\frac{3}{8}$ "-16UNC x $7\frac{3}{8}$ "	4
	+ Flat Washer	4
	+ Lock Washer	4
	Steel Plug $\frac{3}{4}$ " NPT	1
	Steel Plug $\frac{1}{2}$ " NPT	2
	Brass Plug $\frac{1}{4}$ " NPT	2

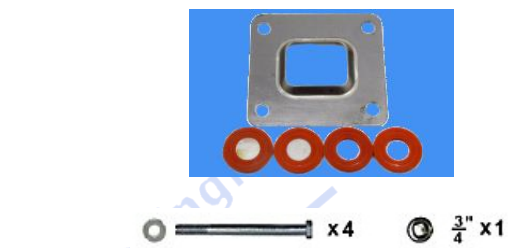
HGE4035MK

Volvo Penta Small Block V8 Manifold MK

		Qty
	x1	
	x6	
	$\frac{3}{4}$ " x2	
	$\frac{1}{2}$ " x1	
	HGE 0000 - Manifold gasket	1
	HGE 43872 - Riser Gasket (restricted)	1
	Bolt $\frac{3}{8}$ "-16UNC x $4\frac{3}{8}$ "	6
	+ Lock Washer	6
	Steel Plug $\frac{3}{4}$ " NPT	2
	Steel Plug $\frac{1}{2}$ " NPT	1

HGE4309MK

MerCruiser Dry Joint Short Riser MK

		Qty
		
	x4	
	$\frac{3}{4}$ " x1	
	HGE 45460 -Stainless Steel Plate Gasket	1
	HGE 45470 -Open Seal Ring	2
	HGE 45480 -Restrictor Seal Ring	1
	HGE 45490 -Closed Seal Disc	4
	Bolt $\frac{3}{8}$ " -16UNC x $5\frac{7}{8}$ "	4
	+ Lock Washer	4
	Steel Plug $\frac{3}{4}$ " NPT	1

HGE4354-AMK & HGE4354MK

MerCruiser Aluminum 4" Riser MK & MerCruiser Cast Iron 4" Riser MK

	Qty
	
HGE 41811 -Riser Gasket (close)	1
HGE 41813 -Riser Gasket (restrictor)	1
Bolt $\frac{3}{8}$ " 16UNC x 5 $\frac{1}{2}$ "	4
+ Washer	4
Aluminum Plug $\frac{3}{4}$ " NPT	1

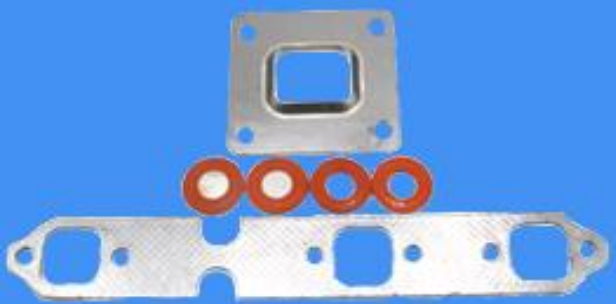
HGE4532MK

Volvo 4 Cylinder Engine Manifold (Early Year) MK

	Qty
	
HGE 56044 -Manifold Gasket	1
HGE 56028 -Riser/End Gasket	2
Bolt 5/16" -18UNC x 4 $\frac{1}{2}$ "	2
+ Lock Washer	2
Stud 5/16" x 3"	1
+ Nut	1
+ Lock Washer	1

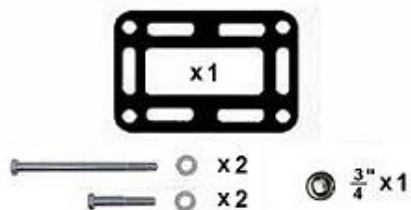
HGE4612MK

MerCruiser Dry Joint V6 Manifold MK

	Qty
	
HGE99757 -Manifold Gasket	1
HGE 45460 -Stainless Steel Plate Gasket	1
HGE45470 -Open Seal Ring	2
HGE45490 -Closed Seal Disc	2
Bolt $\frac{3}{8}$ "-16UNC x 5"	6
+ Lock Washer	6
Steel Plug $\frac{3}{4}$ " NPT	2
Brass Plug $\frac{1}{8}$ " NPT	2

HGE5384MK

Volvo Penta V8 Riser, Pre 1994 MK

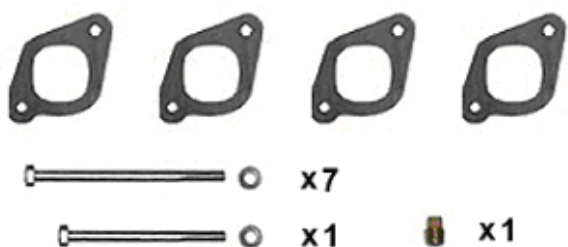


Qty

HGE 35908 -Riser Gasket (open)	1
Bolt 5/16"-18UNC x 5 1/8"	2
+ Lock Washer	2
Bolt 5/16"-18UNC x 1 3/4"	2
+ Lock Washer	2
Steel Plug 3/4" NPT	1

HGE5387MK

Volvo Penta 4 Cylinder Engine Manifold MK

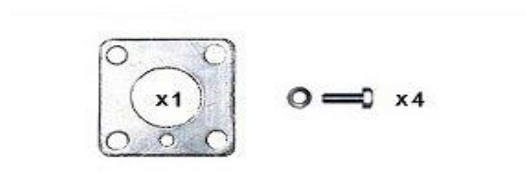


Qty

HGE 55383 -Manifold Gasket	4
Bolt M8 x 1.25 - 130mm	7
+ Lock Washer	7
Bolt M8 x 1.25 - 110mm	1
+ Lock Washer	1
Brass Plug 1/4" NPT	1

HGE5599MK

Volvo Penta 4 Cylinder Engine (Early Year) Elbow MK

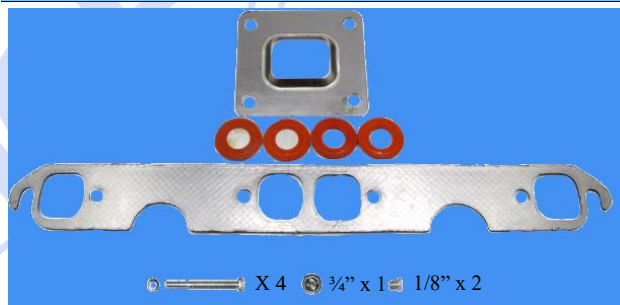


Qty

HGE 56028 -Riser/End Gasket	1
Bolt 7/16"-14UNC x 1"	4
+ Lock Washer	4

HGE5735MK

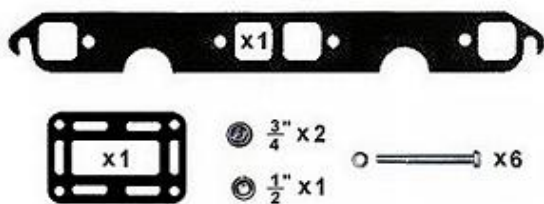
MerCruiser Dry Joint V8 Manifold MK



	Qty
Manifold Gasket HGE99757	1
Stainless Steel Plate Gasket HGE 45460	1
Open Seal Ring HGE45470	2
Restrictor Seal Ring HGE45480	1
Closed Seal Disc HGE45490	2
Bolt $\frac{3}{8}$ "-16UNC x 5"	4
+ Lock Washer	4
Steel Plug $\frac{3}{4}$ " NPT	1
Brass Plug $\frac{1}{8}$ " NPT	2

HGE5804MK

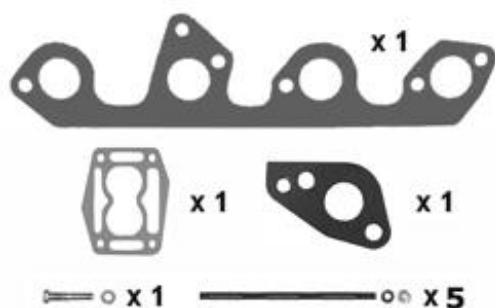
Volvo Penta V8 Manifold, Pre 1994, MK



	Qty
Manifold Gasket HGE 0000	1
Riser Gasket (open) HGE 35908	1
Bolt $\frac{3}{8}$ "-16UNC x 5 $\frac{1}{8}$ "	6
+ Lock Washer	6
Steel Plug $\frac{3}{4}$ " NPT	2
Steel Plug $\frac{1}{2}$ " NPT	1

HGE6041MK

OMC 2.3L Manifold MK



	Qty
Manifold Gasket HGE 913393	1
Riser Gasket HGE 912477	1
T-Housing Gasket HGE 912478	1
Bolt M10x1.5, 40mm	1
+ Lock Washer	1
Stud M10x1.5, 170mm (thread length one end 35mm; one end 20mm)	5
+ Lock Washer	5
+ Nut	5

HGE6219-AMK

MerCruiser 470 Manifold MK



x 2

x 3

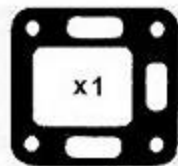
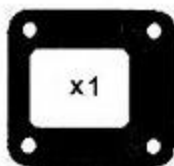


x 4

Content	Qty
Manifold Gasket HGE 68715	1
Riser Gasket HGE 88562	1
T-Housing Gasket HGE 89656	1
Bolt 3/8"-16UNC x 1 1/2"	2
+ Lock Washer	2
+ Flat Washer	2
Bolt 3/8"-16UNC x 6"	3
+ Lock Washer	3
Stud 7" long, (One end 3/8"-16UNC; One end 3/8"-16UNF)	4
+ Flat Washer	4
+ Lock Washer	4
+ Nut	4

HGE6351MK

MerCruiser Log Style Riser MK



x 4

3/4" x 1

Content	Qty
Riser Gasket (open) HGE 52076	1
Riser gasket (close) HGE 92720	1
Stud 3/8" x 1 3/4"	4
+ Nut	4
+ Lock Washer	4
Steel Plug 3/4" NPT	1

HGE6894MK

Volvo Penta V6 Manifold, Pre 1994, MK



x 1

x 5

Content	Qty
Manifold Gasket HGE 99757	1
Riser Gasket (open) HGE 35908	1
Bolt 3/8"-16UNC x 5"	5
+ Lock Washer	5
Steel Plug 1/2" NPT	1

HGE7037MK

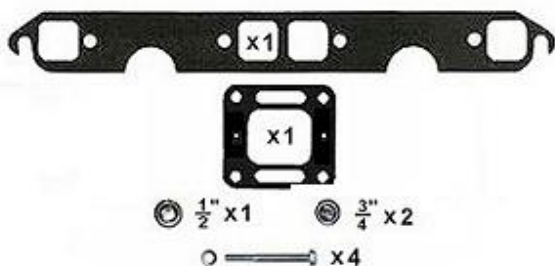
Volvo Penta V6 Riser, Pre 1994, MK



Content	Qty
HGE 35908 -Riser Gasket (open)	1
Bolt 5/16"-18UNC x5 3/4"	2
+ Lock Washer	2
Bolt 5/16"-18UNC x 2 1/2"	2
+ Lock Washer	2
Steel Plug 1/2" NPT	1

HGE7114-AMK & HGE7114MK

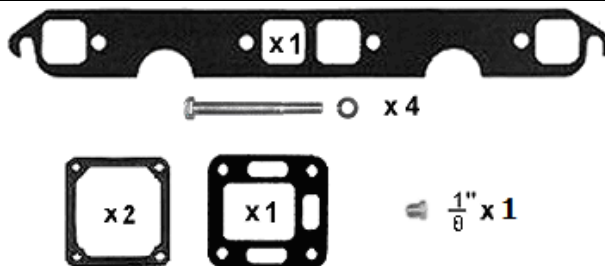
MerCruiser Small Block V8 Manifold MK



Content	Qty
HGE 0000 - Manifold Gasket	1
HGE 41813 - Riser Gasket (restrictor)	1
Bolt 3/8" 16UNC x 5"	4
+ Washer	4
Aluminum Plug 1/2" NPT	1
Aluminum Plug 3/4" NPT	2

HGE7234MK & HGE7235MK

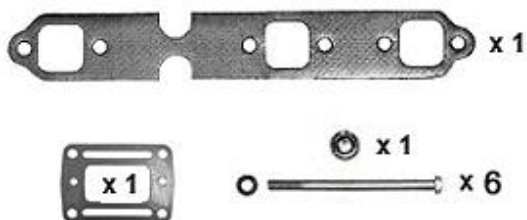
MerCruiser Log Manifold Mounting Kit



Content	Qty
HGE 0000 - Manifold Gasket	1
HGE 52076 - Riser Gasket (open)	1
HGE 48043 - End Gasket	2
Bolt 3/8" 16UNC x 5"	4
+ Washer	4
Brass Plug 1/8" NPT	1

HGE7656MK

OMC/Volvo Penta V6 Manifold MK



Content	Qty
HGE99757 - Manifold Gasket	1
HGE43872 - Riser Gasket (restricted)	1
Bolt 3/8"-16UNC x 4 3/8"	6
+ Lock Washer	6
Steel Plug 1/2" NPT	1

HGE8561MK

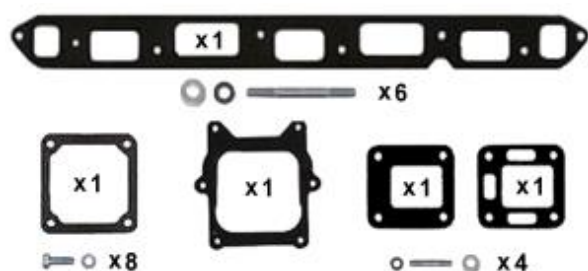
MerCruiser 470 Reservoir / Elbow MK



Content	Qty
Elbow/Reservoir Gasket HGE 88562	1
Bolt 7/16"-14UNC x 4"	4
+ Lock Washer	4
Steel Plug 3/4" NPT	3
Brass Plug 1/8" NPT	1

HGE8759MK

MerCruiser In-line 6 Manifold MK



Content	Qty
HGE46401 -GM Inline 6 Manifold Gasket	1
HGE58764 -GM Inline 6 Manifold Carburetor Gasket	1
HGE 48043 - End Gasket	1
HGE 52076 - Riser Gasket (open)	1
HGE 92720 - Riser Gasket (close)	1
Bolt 5/16"x 1" + Lock Washer	8
Stud 3/8" x 1 3/4"	4
+ Nut	4
+ Lock Washer	4
Stud 3/8"x 5 3/4"	6
+ Nut	6
+ Lock Washer	6

HGE8870MK

OMC/Volvo Penta 3L Manifold MK



Content	Qty
Manifold gasket HGE3853256	1
Riser Gasket (open) HGE908013	1
Carburetor Gasket HGE3853283	1
Stud $\frac{3}{8}$ "-16UNCx1", $\frac{3}{8}$ "-24UNFx1- $\frac{1}{2}$ " 7- $\frac{3}{8}$ " long	1
Stud $\frac{3}{8}$ "-16UNCx1", $\frac{3}{8}$ "-24UNFx1- $\frac{1}{2}$ " 5- $\frac{7}{8}$ " long	5
Nuts $\frac{3}{8}$ " - 24UNF x 5- $\frac{1}{8}$ "	6
+ $\frac{3}{8}$ " Washer	6
Square Head Brass Plug $\frac{1}{4}$ " NPT	1
Square Head Brass Plug $\frac{1}{8}$ " NPT	1

HGE9011-AMK & HGE9011MK

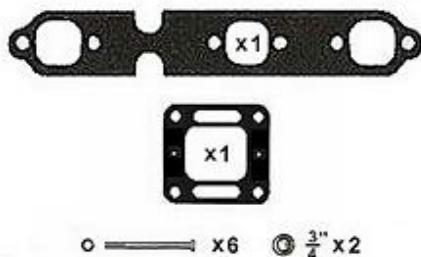
MerCruiser Aluminum Big Block V8 Manifold MK
&
MerCruiser Big Block V8 Manifold MK



Content	Qty
Manifold Gasket HGE 46820	1
Riser Gasket (restrictor) HGE 41813	1
Stud $1\frac{3}{4}$ " Long, (one end $\frac{3}{8}$ "-16UNC, One end $\frac{3}{8}$ "-24UNF)	8
+ Nut	8
+ Washer	8
Aluminum Plug $\frac{3}{4}$ " NPT	2

HGE9746-AMK & HGE9746MK

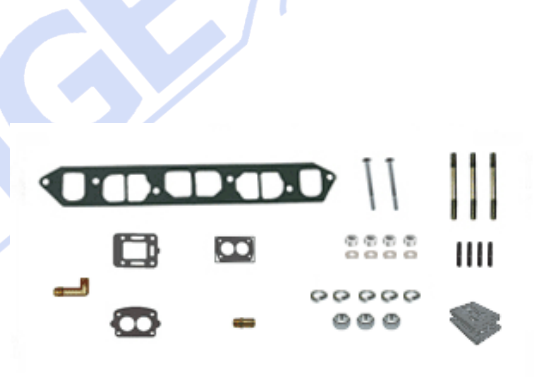
MerCruiser Aluminum V6 Manifold MK & MerCruiser V6 Manifold MK



Content	Qty
Manifold Gasket HGE 99757	1
Riser Gasket (restrictor) HGE 41813	1
Bolt $\frac{3}{8}$ " 16UNC x 5"	6
+ Washer	6
Aluminum Plug $\frac{3}{4}$ " NPT	2

HGE9798MK

MerCruiser 3L Manifold (Early Year) MK



Content	Qty
Manifold Gasket HGE96429	1
Riser Gasket HGE99777	1
Carburetor Gasket HGE807982	1
Rochester Carburetor Gasket HGE64692	1
$\frac{3}{8}$ "-24UNF Nut	3
$\frac{3}{8}$ " Washer	5
$\frac{3}{8}$ "-16UNC x 1" 4- $\frac{3}{4}$ " long Bolt	2
$\frac{3}{8}$ "-16UNC x $\frac{3}{8}$ ", $\frac{3}{8}$ "-24UNF x 1.5", 5- $\frac{3}{8}$ " long stud	3
$\frac{5}{16}$ "-16UNC x $\frac{1}{2}$ ", $\frac{5}{16}$ "-24UNF x $\frac{1}{2}$ ", 1- $\frac{1}{4}$ " long stud	4
$\frac{5}{16}$ "-24UNF Nut	4
$\frac{5}{16}$ " Washer	4
Fuel Pump Elbow	1
$\frac{3}{4}$ " NPT to 1" Hose Fitting	1

Products Under Development



HGE 3621PR

Volvo / OMC Penta 3" Spacer Block

Extension for HGE 3784



HGE 1502

Exhaust Elbow, Fits Volvo Engine D6 Engine model

D6-300A-F, D6-300D-F, D6-300I-F, D6-330A-F, D6-330D-F, D6-330I-F, D6-370A-F, D6-370D-F, D6-370I-F, D6-400A-F, D6-435D-F, D6-435I-F, D6-435I-TC-F

Replaces:

Volvo# 21700014 replace by 22948847

Available March 2019



HGE 1640

Exhaust Elbow, Fits Volvo Engine TD4 Engine model

D4-180I-B, D4-180I-C, D4-180I-D, D4-180I-E, D4-210A-A, D4-210A-B, D4-210I-A, D4-210I-B, D4-225A-B, D4-225A-C, D4-225A-D, D4-225A-E, D4-225I-B, D4-225I-C, D4-225I-D, D4-225I-E, D4-260A-A, D4-260A-B, D4-260A-C, D4-260A-D, D4-260A-E, D4-260D-B, D4-260D-C, D4-260D-D, D4-260D-E, D4-260I-A, D4-260I-B, D4-260I-C, D4-260I-D, D4-260I-E, D4-300A-A, D4-300A-C, D4-300A-D, D4-300A-E, D4-300D-A, D4-300D-C, D4-300D-D, D4-300D-E, D4-300I-A, D4-300I-C, D4-300I-D, D4-300I-E

Replaces:

Volvo# 3884701, 384156

Available March in 2019

 HGE 8658	Exhaust Elbow, Fits Volvo Engine D2 Engine model D2-50F, D2-55, D2-55B, D2-55C, D2-55D, D2-55E, D2-55F MD22L, MD22P, MD22L-B, MD22P-B, TMD22-B, TMD22P-C, TAMD22P-B, HS25A, HS25A-B, 120S-E, MS2A-E, MS2L-E, MS2B-L, TMD22B MD22A, MD22A-A, MD22L-A, TMD22A, TMD22-A, MS2B-A, MS2B-R, MD22 Replaces: Volvo# 358544 Replace by 21424345 Available March in 2019
 HGE 1186	GM 454/502 Engines Alternator Bracket Replaces: Barr# MC-27-47487
 HGE 3262	Rochester Carburetor Adapter

Product Under Development

Aluminum Products - MerCruiser 470 Manifold



Replaces:

MerCruiser# 816219

HGE 6219-A MerCruiser 470 Exhaust Manifold – Aluminum (with mounting kit)

This manifold fits elbow HGE 8561.

Elbow	
HGE 8561	MerCruiser Elbow



Mounting Kit # HGE6219-AMK

Content	Qty
Manifold Gasket HGE 68715	1
Riser Gasket HGE 88562	1
T-Housing Gasket HGE 89656	1
Bolt $\frac{3}{8}$ "-16UNC x 1 $\frac{1}{2}$ "	2
+ Lock Washer	2
+ Flat Washer	2
Bolt $\frac{3}{8}$ "-16UNC x 6"	3
+ Lock Washer	3
Stud 7" long, (One end $\frac{3}{8}$ "-16UNC; One end $\frac{3}{8}$ "-16UNF)	4
+ Flat Washer	4
+ Lock Washer	4
+ Nut	4

Product Under Development
MerCruiser - 3.0L Engine Thermostat Housing Kit



Replaces:

Barr MC-29-861493

Sierra 18-1910

MerCruiser 861493A3

HGE 1493
MerCruiser 3.0L Engine Thermostat Housing kit

The riser fits to following engines and manifolds

Riser	
GM 3.0L	GM 3.0L/182 CID 4-Cylinder Engine

Content	Qty
Thermostat	1

Product Under Development

MERCRUISER – 4 Cylinder Manifold



Replaces:

MerCruiser# 860235
8068A87
Barr# MC-1-
860235
Sierra# 18-1966

HGE 1235 MerCruiser 4 Cylinder Manifold (with mounting kit)

This manifold fits MerCruiser 4 Cylinder 181 C.I.D 140HP 3.0L and 3.0L LX models

Risers	
HGE 2076	riser



Mounting Kit # HGE 1235MK

Content	Qty
Manifold Gasket HGE815528	1
Riser Gasket HGE99777	1
Carburetor Gasket HGE807982	1
3/8"-24UNF Nut	3
3/8" Washer	5
3/8"-16UNC x 1" 4-3/4" long Bolt	2
3/8"-16UNC x 3/8", 3/8"-24UNF x 1.5", 5-3/8" long stud	3
Hose Barb 3/4" NPT to 1" Hose	1

Product Under Development

MERCRUISER – 4 Cylinder Manifold



Replaces:

MerCruiser# 99798A9
96705A1
95862A9
523901A1
Barr# MC-1-99798
MC-1-96705
MC-1-95862
MC-1-52390
Sierra# 18-1956-1
18-1955-1
18-1954-1

HGE 9798 MerCruiser 4 Cylinder Manifold (with mounting kit)

This manifold fits MerCruiser 4 Cylinder 153 and 181 C.I.D 120HP 2.5L, 140HP 3.0L models

Risers	
HGE 2076	riser

Mounting Kit # HGE9798MK	
Content	Qty
Manifold Gasket HGE96429	1
Riser Gasket HGE99777	1
Carburetor Gasket HGE807982	1
Rochester Carburetor Gasket HGE64692	1
3/8"-24UNF Nut	3
3/8" Washer	5
3/8"-16UNC x 1" 4-3/4" long Bolt	2
3/8"-16UNC x 3/8", 3/8"-24UNF x 1.5", 5-3/8" long stud	3
5/16"-16UNC x 1/2", 5/16"-24UNF x 1/2", 1-1/4" long stud	4
5/16"-24UNF Nut	4
5/16" Washer	4
Fuel Pump Elbow	1
3/4" NPT to 1" Hose	1

Product Under Development OMC/VOLVO – 4 Cylinder Manifold



Replaces:

OMC/Volvo# 3858870
986985
3854045
3857450
3858871
Barr# OMC-1-3858850

HGE 8870 OMC/Volvo 4 Cylinder Manifold (with mounting kit)

This manifold fits OMC/Volvo 4 Cylinder 181 C.I.D. Vortec Engine

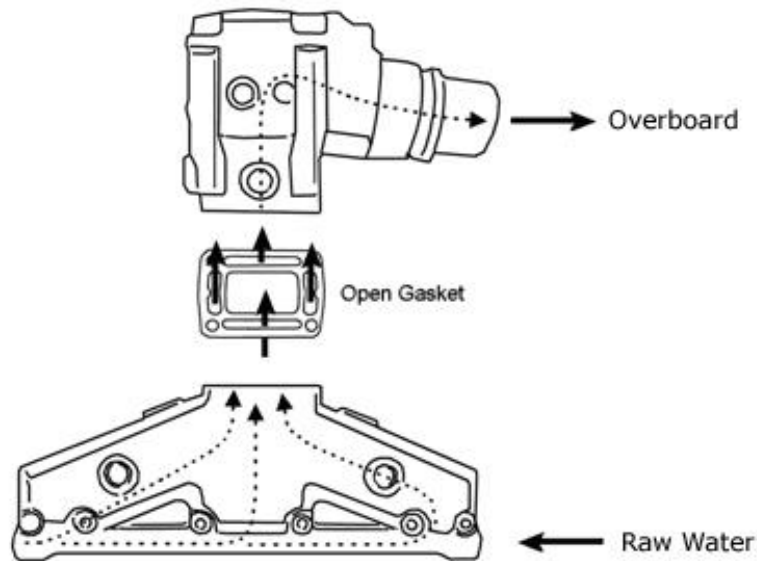
Riser	
HGE 3784	Center riser, 4" exhaust outlet, 7° down angle.

Mounting Kit # HGE8870MK	
Content	Qty
Manifold gasket HGE3853256	1
Riser Gasket (open) HGE908013	1
Carburetor Gasket HGE3853283	1
Stud $\frac{3}{8}$ "-16UNCx1", $\frac{3}{8}$ "-24UNFx1- $\frac{1}{2}$ " 7- $\frac{3}{8}$ " long	1
Stud $\frac{3}{8}$ "-16UNCx1", $\frac{3}{8}$ "-24UNFx1- $\frac{1}{2}$ " 5- $\frac{7}{8}$ " long	5
Nuts $\frac{3}{8}$ " - 24UNF x 5- $\frac{1}{8}$ "	6
+ $\frac{3}{8}$ " Washer	6
Square Head Brass Plug $\frac{1}{4}$ " NPT	1
Square Head Brass Plug $\frac{1}{8}$ " NPT	1

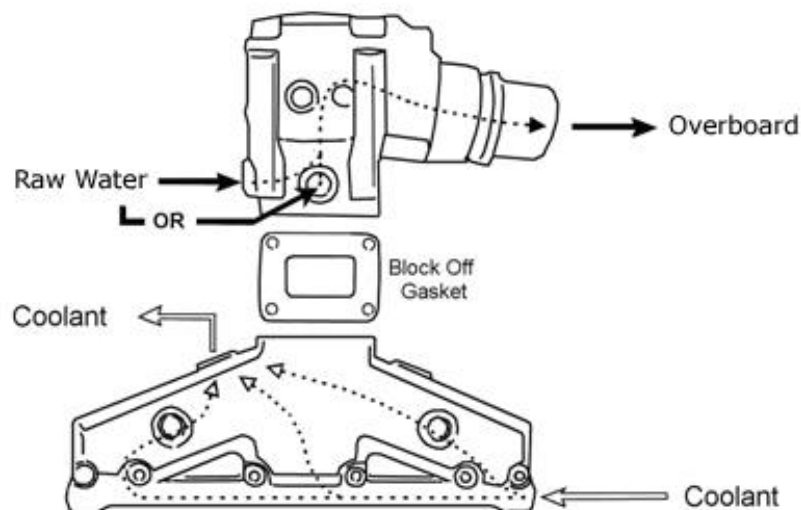
Installation Examples – Center Riser Manifold



Center Riser Exhaust System - Open (Raw Water) Cooling



Center Riser Exhaust System - Closed (Fresh Water) Cooling



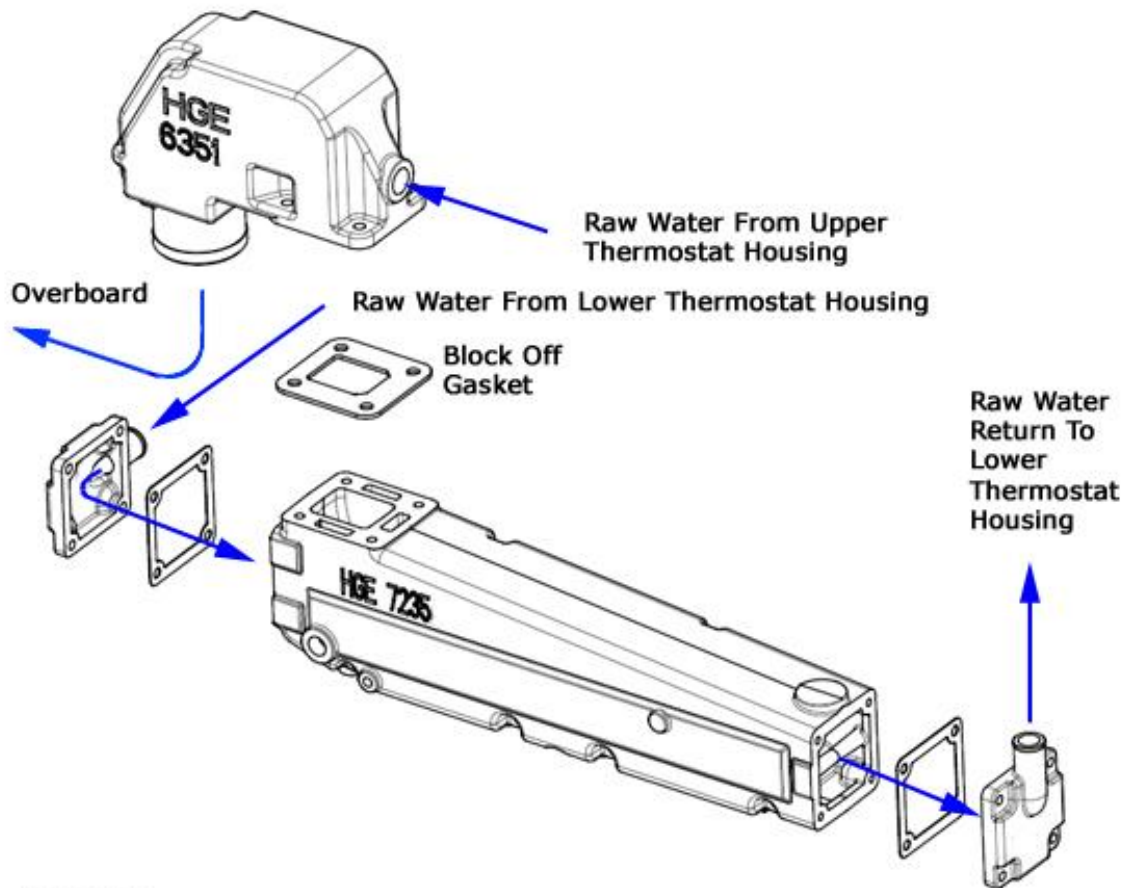
Remarks:

1. The riser and manifold bolts must first be tightened. The recommended torque range is 25-28 foot-pounds. Next, warm up the engine for 5 min., then turn off the engine and re-torque the bolts to ensure proper installation of the bolts.
2. The application of your engine may differ from the illustration shown above; please consult your mechanic for more information.

Installation Examples – Log Style Manifold



Log Style Exhaust System - Open (Raw Water) Cooling



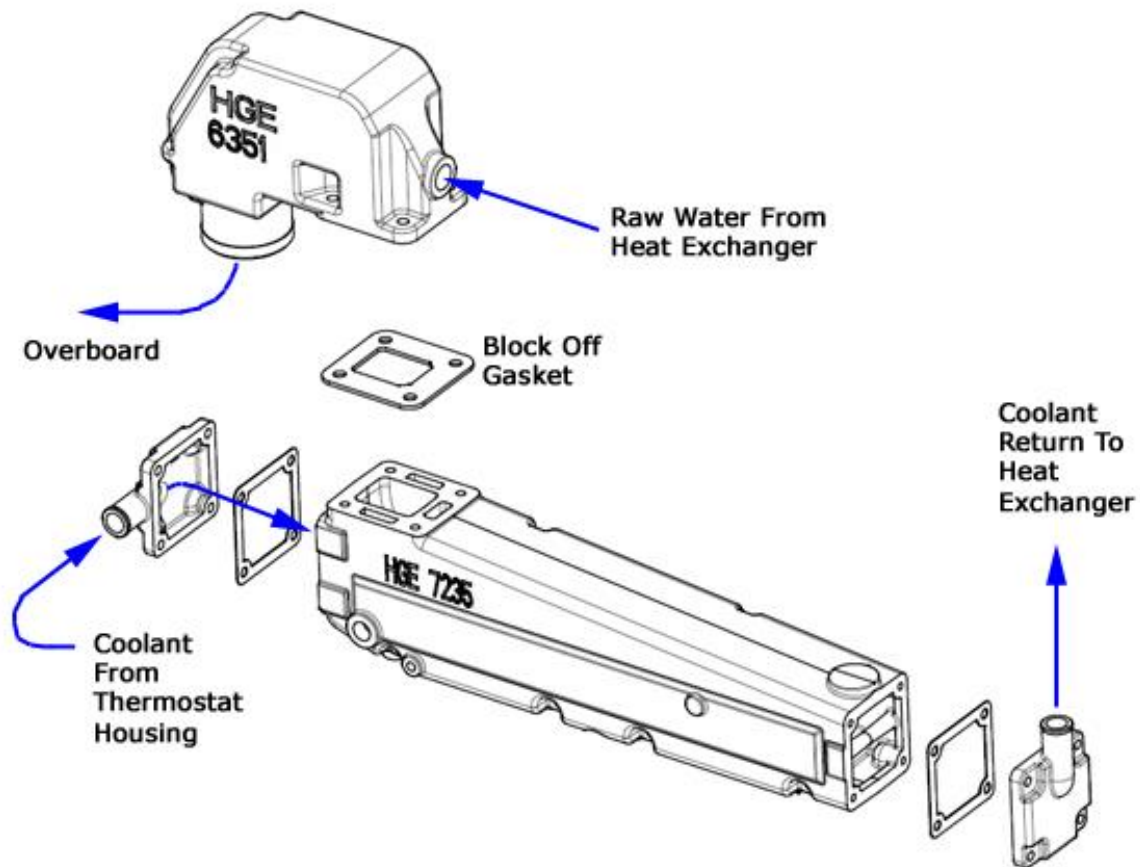
Remarks:

1. The riser and manifold bolts must first be tightened. The recommended torque range is 25-28 foot-pounds. Next, warm up the engine for 5 min., then turn off the engine and re-torque the bolts to ensure proper installation of the bolts.
2. The application of your engine may differ from the illustration shown above; please consult your mechanic for more information.

Installation Examples – Log Style Manifold



Log Style Exhaust System - Closed (Fresh Water) Cooling (Option 2 - Spacer Not Used)



Remarks:

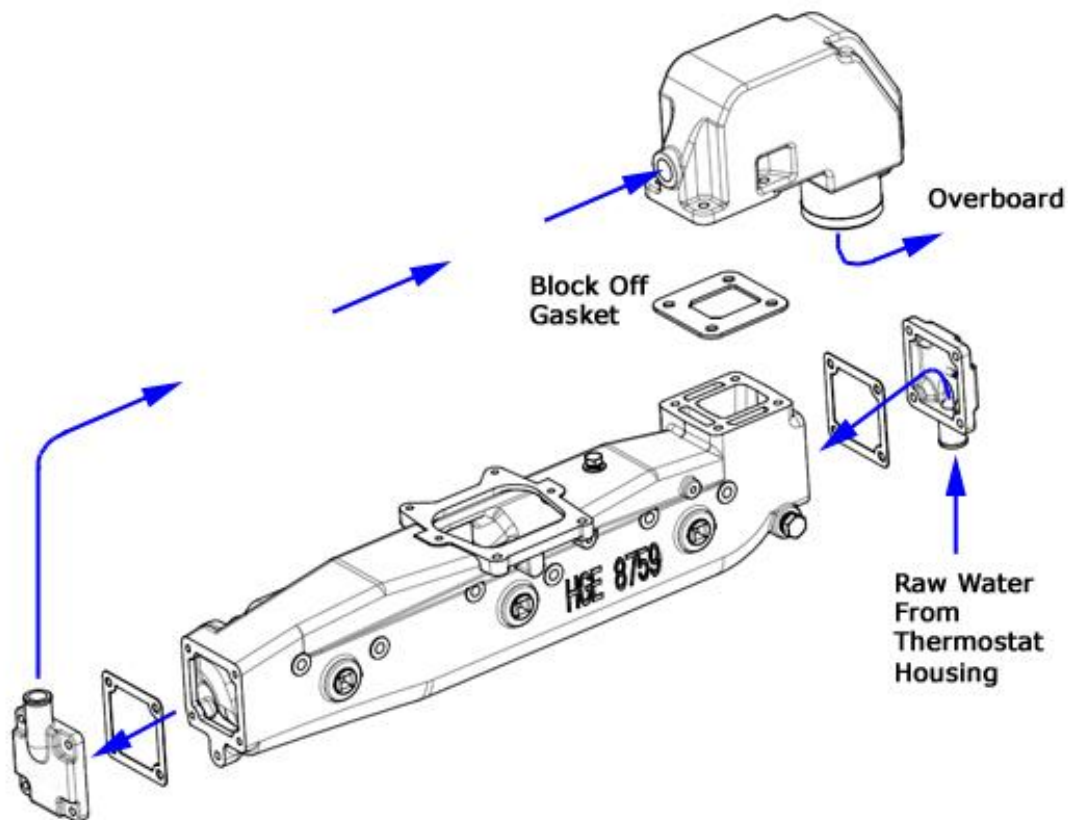
1. The riser and manifold bolts must first be tightened. The recommended torque range is 25-28 foot-pounds. Next, warm up the engine for 5 min., then turn off the engine and re-torque the bolts to ensure proper installation of the bolts.
2. The application of your engine may differ from the illustration shown above; please consult your mechanic for more information.

Installation Examples – Log Style In-line 6 Manifold



Log Style Exhaust System - Open (Raw Water) Cooling

HGE 8759 - MerCruiser Straight 6-Cylinder 164 h.p.



Remarks:

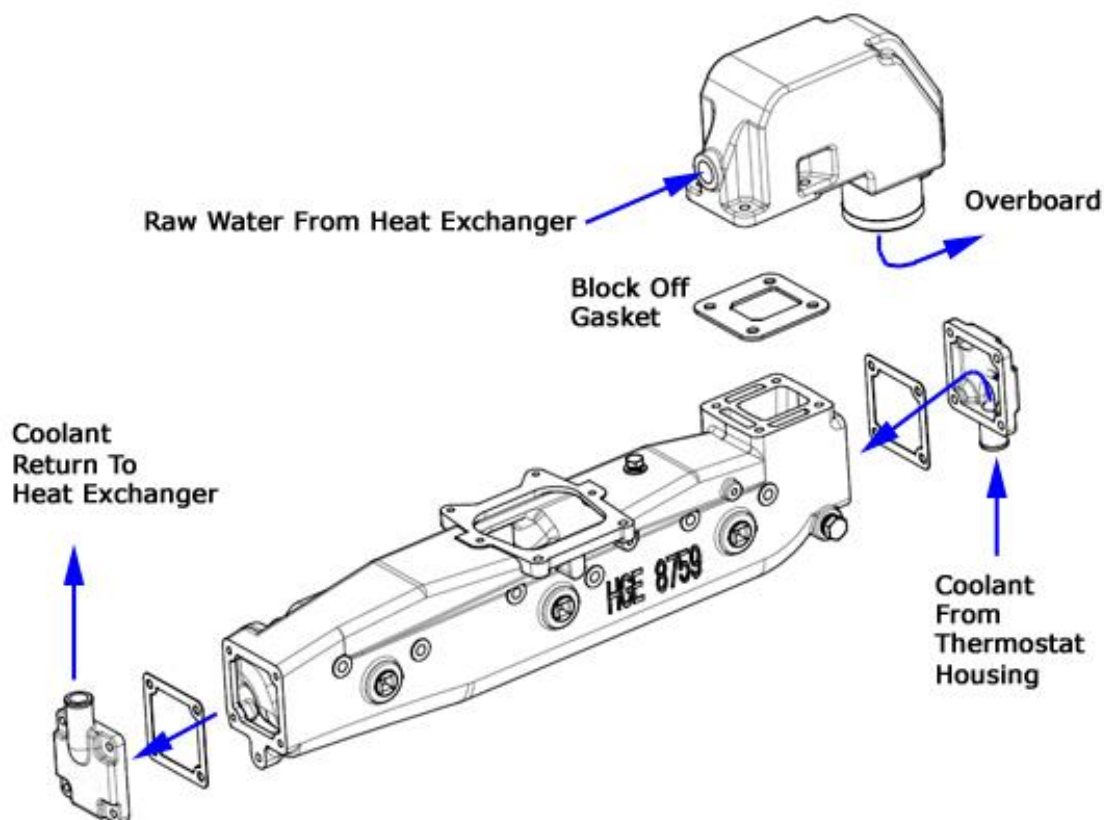
1. The riser and manifold bolts must first be tightened. The recommended torque range is 25-28 foot-pounds. Next, warm up the engine for 5 min., then turn off the engine and re-torque the bolts to ensure proper installation of the bolts.
2. The application of your engine may differ from the illustration shown above; please consult your mechanic for more information.

Installation Examples – Log Style In-line 6 Manifold



Log Style Exhaust System - Closed (Fresh Water) Cooling

HGE 8759 - MerCruiser Straight 6-Cylinder 164 h.p.

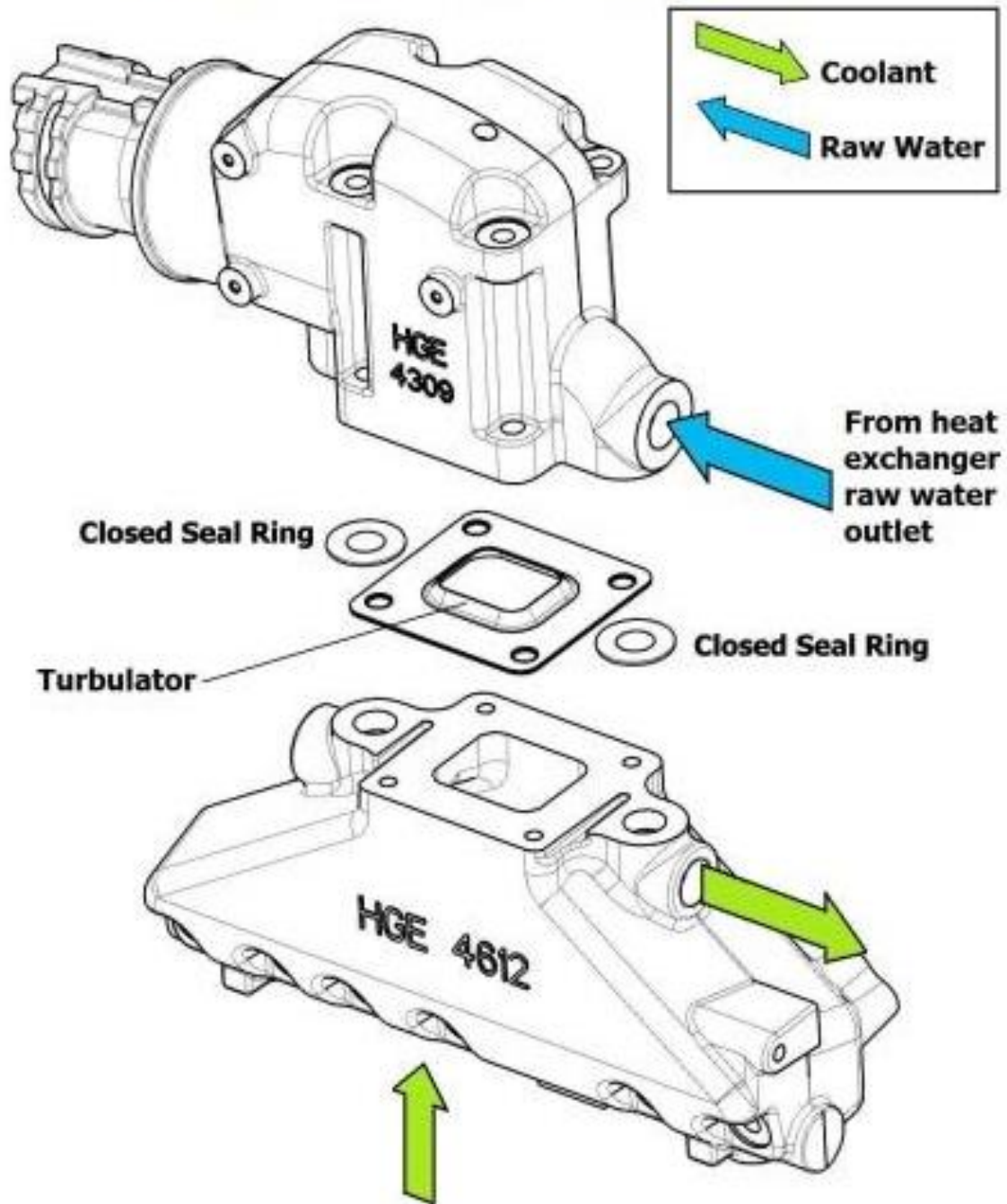


Remarks:

1. The riser and manifold bolts must first be tightened. The recommended torque range is 25-28 foot-pounds. Next, warm up the engine for 5 min., then turn off the engine and re-torque the bolts to ensure proper installation of the bolts.
2. The application of your engine may differ from the illustration shown above; please consult your mechanic for more information.

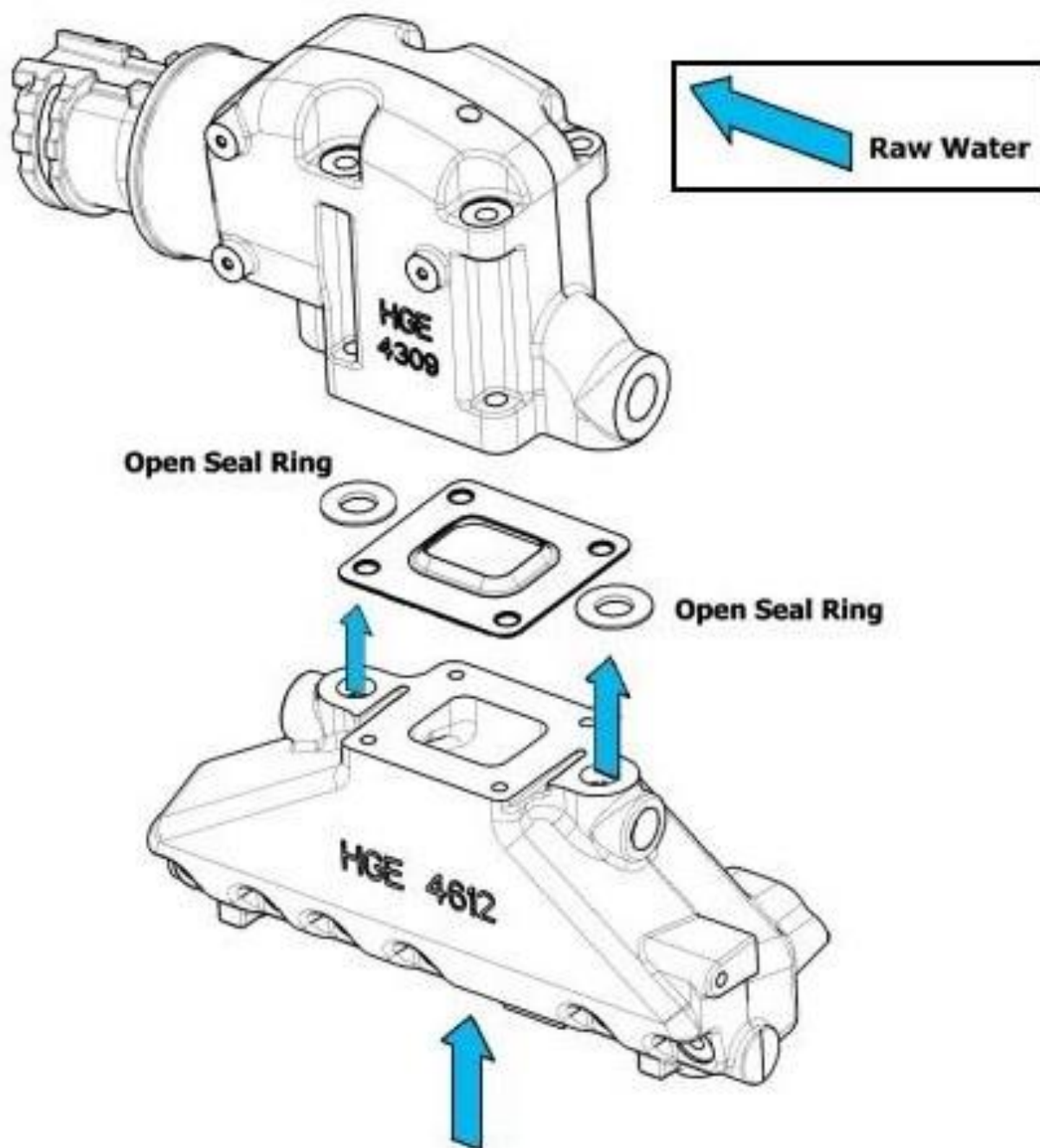
Dry Joint Manifold Exhaust System

(Freshwater Cooling Application)



Dry Joint Manifold Exhaust System

(Raw Water Cooling - Wet-Joint Conversion)



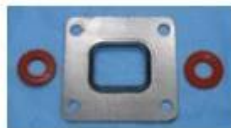
HGE Dry Joint Manifold Exhaust System

A



Closed Seal Rings

B

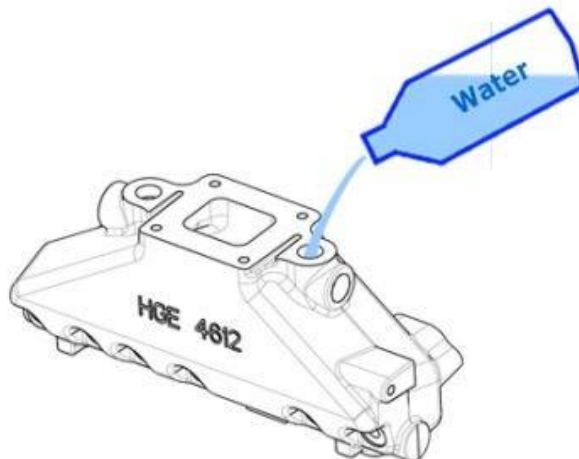


Open Seal Rings

NOTE: use appropriate Seal Ring combination to replace your existing O.E.M. gasket

Priming

New Dry Joint Manifold (P/N HGE 5735, HGE 4612) Installation Tips:



As to prevent the internal heat crack caused by the void space inside the manifold, we are here highly recommending that to prime both side of the manifolds to the full capacity with water or with 50/50 coolant before mounting the riser or the spacer. This process to be repeated should you remove the manifold for cleaning. The warranty of this part will be voided should you neglect to follow.

Nov 2015

HGE-1987K MerCruiser V8 Center Riser Manifold Conversion Replacement kit

HGE-1987K



Old Style Manifold

→



New Style Manifold

MerCruiser V8 Center Riser Manifold Conversion Kit



$\frac{1}{2}$ " x 1 $\frac{3}{4}$ " x 2
 x 4



x 4 $\frac{3}{4}$ " x 1

Kit No. HGE7114MK	
HGE0000 - Manifold Gasket	1
HGE41813 - Riser Gasket (restrictor)	1
Bolt 3/8" 16UNC x 5"	4
+ Lock Washer	4
Steel Plug 1/2" dia.	1
Steel Plug 3/4" dia.	2

Kit No. HGE4354MK	
HGE41811 - Riser Gasket (close)	1
HGE41813 - Riser Gasket (restrictor)	1
Bolt 3/8" 16UNC x 5-7/8"	4
+ Lock Washer	4
Steel Plug 3/4" NPT	1

HGE1987MK Conversion Accessories Kit		
2 x HGE 7153-A	Mercruiser 4" to 3" Aluminum Elbow	
2 x HGE 6926	3/4" N.P.T x 1" hose fitting (90 degree) / brass drain cock	
1 x HGE 1184	SB Alternator Bracket	
2 x HGE 0090	90 Degree Stainless Steel Elbow	
2 x HGE 0045	45 Degree Stainless Steel Elbow	

The following items are included in this conversion kit.	Quantity
HGE 7114 - merCruiser V8 center riser manifold	2
HGE 4354 - 4" exhaust outlet, 7° down angle center riser	2
HGE7114MK - manifold mounting kit	2
HGE4354MK - riser mounting kit	2
HGE1987MK - conversion accessories kit	1

HGE-460K - OMC FORD 460 Conversion Kit (Includes 2 x HGE 9011A, 2 x HGE 4354A, 2 x Adpator Plates.)

HGE-460K



Old Style Manifold



New Style Manifold

HGE-460K - OMC FORD 460 Conversion Kit



Kit No. HGE4354-AMK	
Content	Qty
HGE41811 - Riser Gasket (close)	1
HGE41813 - Riser Gasket (restrictor)	1
Bolt 3/8" 16UNC x 5-1/2" + Washer	4
Aluminum Plug 3/4" NPT	1



Kit No. HGE9011-AMK	
Content	Qty
HGE46820 - Manifold Gasket	1
HGE41813 - Riser Gasket (restrictor)	1
Stud 3/8" 16UNC x 1-3/4" + Nut + Washer	8
Aluminum Plug 3/4" NPT	2

The following items are included in this conversion kit.	Quantity
HGE 9011-A - Big Block Manifold (Aluminum)	2
HGE 4354-A - Mercruiser Center Riser (Aluminum)	2
460-454 Adapter	2
Set of Gaskets and Mounting Hardware	1

HGE-V6K Mercruiser one piece manifold Replacement kit

60.33kg / 133.00 lb

HGE-V6K



Old Style Manifold

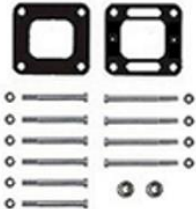


New Style Manifold

HGE-V6K - MERCURISER ONE PIECE MANIFOLD REPLACEMENT



Kit No. HGE9746MK	
Content	Qty
HGE99757 - Manifold Gasket	1
HGE41813 - Riser Gasket (restrictor) or HGE 87105 Riser Gasket (open)	1
Bolt 3/8" 16UNC x 5"	6
+ Lock Washer	6
Steel Plug 3/4" NPT	2



Kit No. HGE4354MK	
Content	Qty
HGE41811 - Riser Gasket (close)	1
HGE41813 - Riser Gasket (restrictor) or HGE 87105 Riser Gasket (open)	1
Bolt 3/8" 16UNC x 5-7/8"	4
+ Lock Washer	4
Steel Plug 3/4" NPT	1

The following items are included in this conversion kit.

	Quantity
HGE 9746 - Mercruiser V6 Manifold	2
HGE 4354 - Mercruiser Center Riser	2
HGE 4478-A-PR - Mercruiser Oval Riser Elbow (a pair)	1

HGE-V6K Mercruiser one piece manifold Replacement kit (ALUMINUM) 24.95kg / 55.00 lb

HGE-V6K-A



Old Style Manifold



New Style Manifold

HGE-V6K-A - MERCURUISER ONE PIECE MANIFOLD REPLACEMENT



Kit No. HGE9746-AMK	
Content	Qty
HGE99757 - Manifold Gasket	1
HGE41813 - Riser Gasket (restrictor)	1
Bolt 3/8" 16UNC x 5"	6
+ Washer	6
Aluminum Plug 3/4" NPT	2



Kit No. HGE4354-AMK	
Content	Qty
HGE41811 - Riser Gasket (close)	1
HGE41813 - Riser Gasket (restrictor)	1
Bolt 3/8" 16UNC x 5-1/2"	4
+ Washer	4
Aluminum Plug 3/4" NPT	1

The following items are included in this conversion kit.

	Quantity
HGE 9746-A - Mercruiser V6 Manifold	2
HGE 4354-A - Mercruiser Center Riser	2
HGE 4478-A-PR - Mercruiser Oval Riser Elbow (a pair)	1

HGE-V6K-OMC OMC one piece manifold Replacement kit

HGE-V6K-OMC



Old Style Manifold



New Style Manifold

HGE-V6K-OMC OMC ONE PIECE MANIFOLD REPLACEMENT KIT



Kit No. HGE9746MK	
Content	Qty
HGE99757 - Manifold Gasket	1
HGE41813 - Riser Gasket (restrictor) or HGE 87105 Riser Gasket (open)	1
Bolt 3/8" 16UNC x 5"	6
+ Lock Washer	6
Steel Plug 3/4" NPT	2

The following items are included in this conversion kit.

	Quantity
HGE 9746 - Mercruiser V6 Manifold	2
MC-20-98502 - Center Riser	2
20-0093P - Riser Elbow (a pair)	1

HGE 460K OMC FORD 460 Manifold Conversion Kit Installation

Due to space constrain, it is required to remove the manifold before serving the spark plug.

1. Install the 460-454 adapter onto the OMC 460 head.



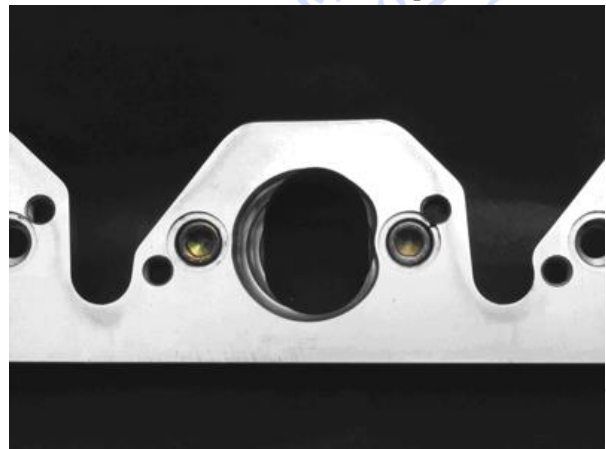
The parts



The assemble order of parts



Assemble the parts using the socket head screws



Assembled part front view

2. Put the caps to cover the socket head screws.



The Parts



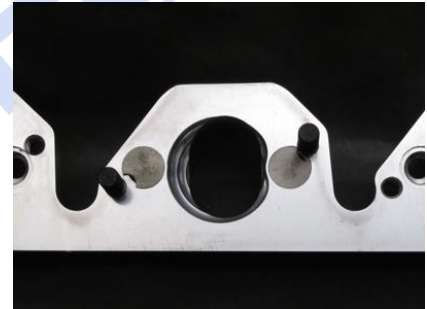
Caps cover the screws

HGE 460K OMC FORD 460 Manifold Conversion Kit Installation

3. Install the HGE9011A manifold mounting studs.



Install short side of studs into the adapter



Installed front view

4. Put on the HGE9011A manifold gasket.



HGE 9011 Manifold and Gasket



Gasket onto the Adapter



Front View



Detail View

HGE 460K OMC FORD 460 Manifold Conversion Kit Installation

5. Install the HGE 9011A manifold on the adapter.



The Parts



Put the HGE 9011 onto the Studs



Install the washer and nuts onto the studs



Tighten the nuts

6. Install the HGE 4354A Riser onto the HGE 9011A Manifold



The Parts



Put the Gasket onto the HGE 9011A



Install the HGE 4354A with washer and bolts



Tighten the bolts

