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NEW ITEMS ADDED SINCE

CRUSADER REPLACEMENT PARTS



CRUSADER HEAT EXCHANGERS
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CRUSADER CENTER RISER
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SEE PAGE 18



CRUSADER CENTER RISER
BIG BLOCK MANIFOLD
SEE PAGE 19

BARR, INDMAR AND MARINE POWER REPLACEMENT PARTS



BARR 4" RISER
SEE PAGES 26 - 28



BARR 3" SPACER
SEE PAGES 26 + 28



BARR CENTER RISER GM
BIG BLOCK MANIFOLD
SEE PAGE 28



BARR / INDMAR
3" RISER
SEE PAGES 26 & 27



THE LAST OSCO CATALOG

MERCUISER REPLACEMENT PARTS



MERCUISER 4 CYLINDER
RISER SEE PAGE 6



MERCUISER 2.5 & 3.0 LTR
MANIFOLDS SEE PAGE 6

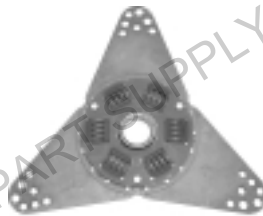


MERCUISER IN-LINE 6 CYLINDER
MANIFOLD SEE PAGE 10

ACCESSORY ITEMS



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EXHAUST ELBOWS & WYES
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INSTRUMENT PANELS SEE PAGE 62



HEAT EXCHANGERS FOR CHRIS
CRAFT, CHRYSLER, MERCUISER
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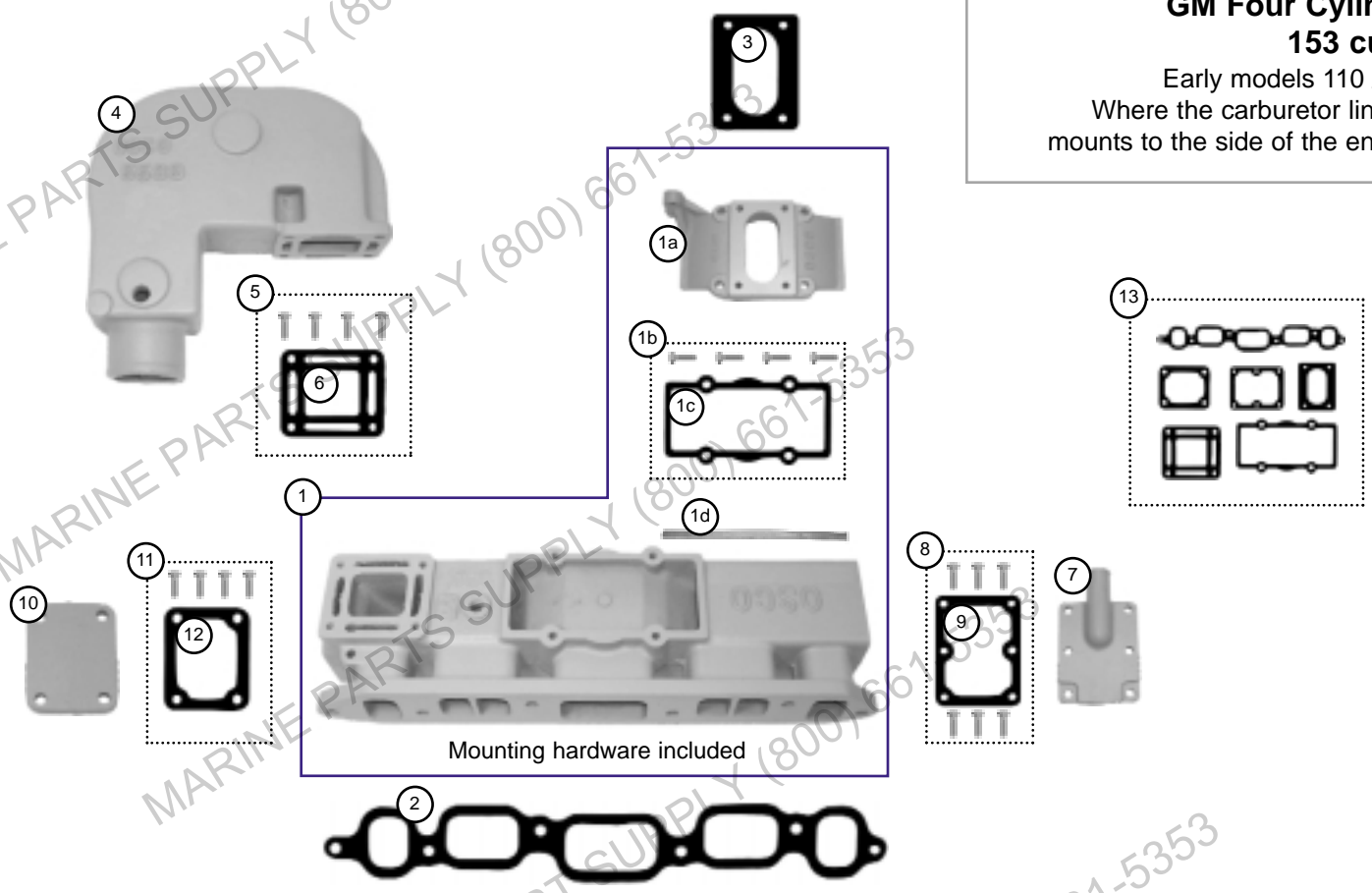
HATFIELD, PA 19440
FAX (215) 822-5394

Necessary pipe plugs are included.

OEM Style Replacements for:

MERCURISER 5

**GM Four Cylinder
153 cu.in.**
Early models 110 / 120
Where the carburetor linkage
mounts to the side of the engine.



- 1. **ME153-LS*** **Manifold Assembly.** Fits 153 cu.in. GM four cylinder engines where the carburetor mounts across the manifold. i.e. linkage is to the side. Replaces Mercruiser #'s 39950 and 63122. Includes items 1a through 1d and manifold mounting hardware. Does not include cylinder head to manifold gasket. **See note below.**
- 1a. **ME-LS*** **Carburetor Mounting Plate,** aluminum. Included with manifold. Includes choke tube CT-LS.
- 1b. **ME-L-MK*** **Mounting Kit,** carburetor mounting plate. Includes ME-G gasket and mounting hardware.
- 1c. **ME-G*** **Gasket,** carburetor mounting plate to manifold. Included with manifold.
- 1d. **CT-LS*** **Choke Tube.** For use with ME-LS. Included with ME153-LS and ME-LS.
- 2. **CY4-GH** **Gasket,** manifold to cylinder head. Replaces Mercruiser # 27-52546.
- 3. **CY-MG** **Gasket** for 2 barrel Rochester carburetor. Studs measure 3 1/4" x 1 7/8" on centers.
- 4. **5538** **Riser,** 2 1/2" exhaust outlet, 90° down angle. Fits early Mercruiser applications. Replaces Mercruiser #'s 39920 and 55538. Use mounting kit 5538-MK.
- 5. **5538-MK** **Mounting Kit,** riser. Fits 5538 riser. Includes 5538-G gasket and mounting hardware.
- 6. **5538-G** **Gasket,** riser. Fits 5538 riser. Included in 5538-MK mounting kit. Replaces Mercruiser # 27-39915.
- 7. **MWS** **Front Plate,** with water fitting. Fits ME153 manifold. Replaces Mercruiser # 47638. Use mounting kit MWS-MK.
- 8. **MWS-MK** **Mounting Kit,** front plate. Fits MWS front plate. Includes MWS-G gasket and mounting hardware.
- 9. **MWS-G** **Gasket,** front plate. Included in MWS-MK mounting kit. Replaces Mercruiser # 27-39917.
- 10. **MWF** **Rear Plate.** Fits ME153 manifold. Replaces Mercruiser # 73811. Use mounting kit MWF-MK.
- 11. **MWF-MK** **Mounting Kit,** rear plate. Fits MWF rear plate. Includes MWF-G gasket and mounting hardware.
- 12. **MWF-G** **Gasket,** rear plate. Included in MWF-MK mounting kit. Replaces Mercruiser # 27-73812.
- 13. **ME-GK** **Gasket Kit,** for ME153 manifold. Includes one each of all gaskets, item #'s 1c, 2, 3, 6, 9, and 12.

* Items 1a through 1d are included in the manifold assembly.

NOTE: The ME153 series manifolds replace the Mercruiser manifold #'s 39950 and 63122 with 12 bolts on the carburetor mounting plate. OSCO's version is a 4 bolt plate and will accept the original Mercruiser carburetor and linkage. All original Mercruiser parts other than the carburetor plate will bolt to the manifold. See also ME153-LR on page 4.

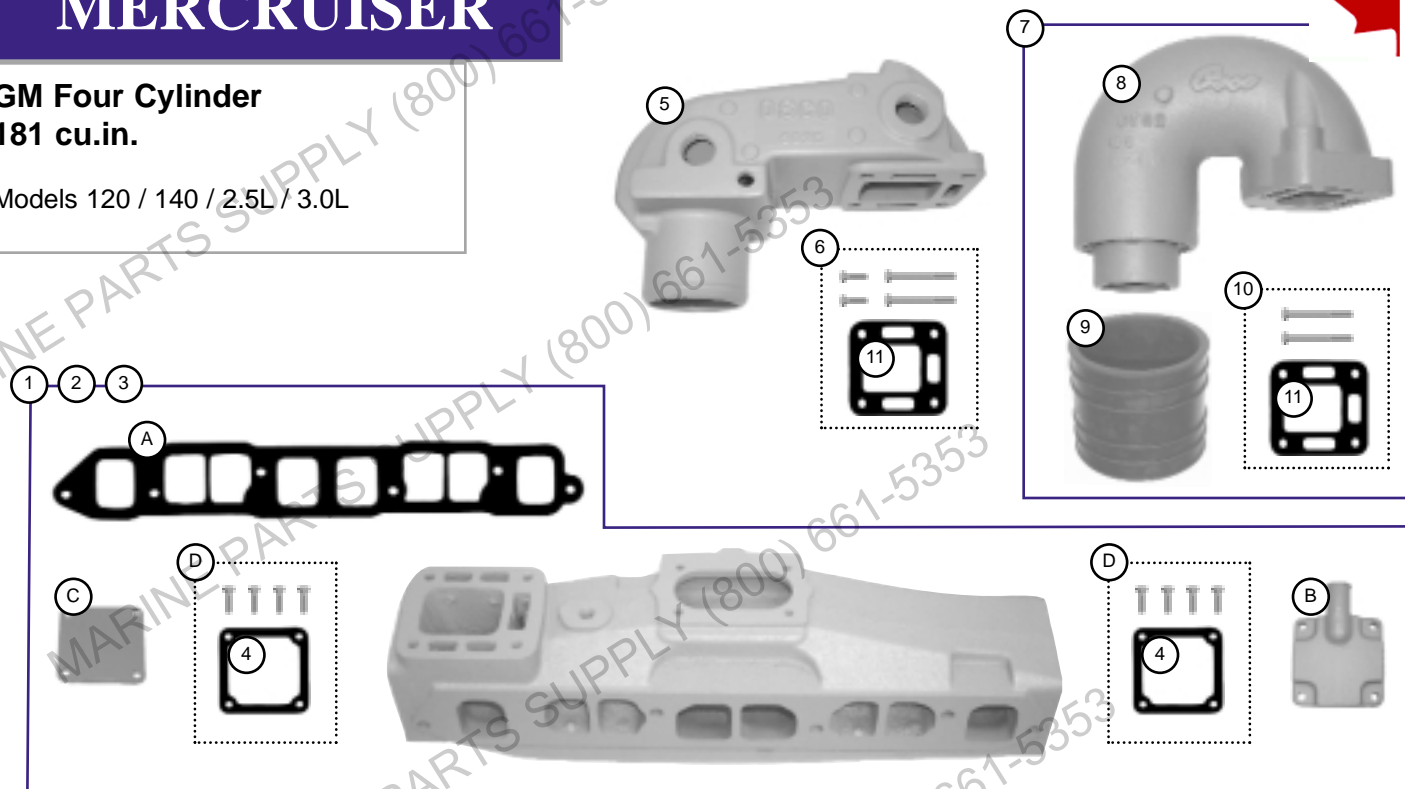


MERCURISER

**GM Four Cylinder
181 cu.in.**

Models 120 / 140 / 2.5L / 3.0L

Necessary pipe plugs are included.



- Each manifold Ass'y below includes:** 1 each 6705, 5862, or 9798 manifold as well as items A - D.
1. **6705** **Manifold Ass'y.** Fits 3.0L / 181 cu.in., Model 140 (1968-1982) Mercruiser using Rochester carburetor with mechanical choke. **Note:** Carburetor mounting studs measure 3¹/₄" x 1⁷/₈" on centers. Replaces Mercruiser #'s 52390 and 96705. Includes choke tube, end plates with mounting hardware and gaskets.
 2. **5862** **Manifold Ass'y.** Fits 2.5 and 3.0L / 181 cu.in., Model 140 (1983-1989) Mercruiser using Rochester carburetor with electric choke. **Note:** Carburetor mounting studs measure 3¹/₄" x 1⁷/₈" on centers. Replaces Mercruiser # 95862. Includes end plates with mounting hardware and gaskets.
 3. **9798** **Manifold Ass'y.** Fits 3.0L / 181 cu.in., Models 140 and 3.0 (1983-1995) Mercruiser using Mercarb carburetor with electric choke. **Note:** Carburetor mounting studs measure 3¹/₁₆" x 2" on centers. Replaces Mercruiser #'s 42673 and 99798. Includes end plates with mounting hardware and gaskets.
 - A. **MO4-GH*** **Gasket,** manifold to cylinder head. Included in manifold kit. Fits 6705, 5862 and 9798. Replaces Mercruiser # 27-52546.
 - B. **60252*** **Front Plate** with water fitting. Included in manifold kit. Replaces Mercruiser # 60252.
 - C. **5629*** **End Plate.** Included in manifold kit. Replaces Mercruiser # 805629.
 - D. **60252-MK*** **Mounting Kit,** end plate. Fits both 60252 and 5629. Includes 48043 gasket and mounting hardware. (2) included in manifold assembly.
 4. **48043** **Gasket,** end plate. Fits both ends of manifold #'s 6705, 5862 and 9798. Included in 60252-MK mounting kit. Replaces Mercruiser # 27-48043.
 5. **6325** **Riser,** 3" exhaust outlet, 90° down angle. Fits 2.5 and 3.0L engines. Use mounting kit 6325-MK. **See note below.** Replaces Mercruiser # 76325 used with an angled adapter. The adapter is no longer available.
 6. **6325-MK** **Mounting Kit,** riser. Fits 6325 riser. Includes 52076 gasket and mounting hardware.
 7. **2076A2** **Riser and Bellows Kit.** Includes 2076 riser, 2076-MK mounting kit and 4348 bellows. Hose clamps are not included.
 8. **2076** **Riser,** 4" exhaust outlet, 90° down angle. Fits 2.5 and 3.0L engines. Replaces Mercruiser # 12076 and 2-piece offset adapter and riser #'s 95863 and 76325. Use mounting kit 2076-MK. **See note below.**
 9. **4348** **Bellows,** exhaust. 4" inside diameter. Replaces Mercruiser # 32-44348T. Hose clamps are not included.
 10. **2076-MK** **Mounting Kit,** riser. Fits 2076 riser. Includes 52076 gasket and mounting hardware.
 11. **52076** **Gasket,** riser. Included in 2076-MK, 6325-MK mtg. kits and 2076A2 kit. Replaces Mercruiser # 27-52076.

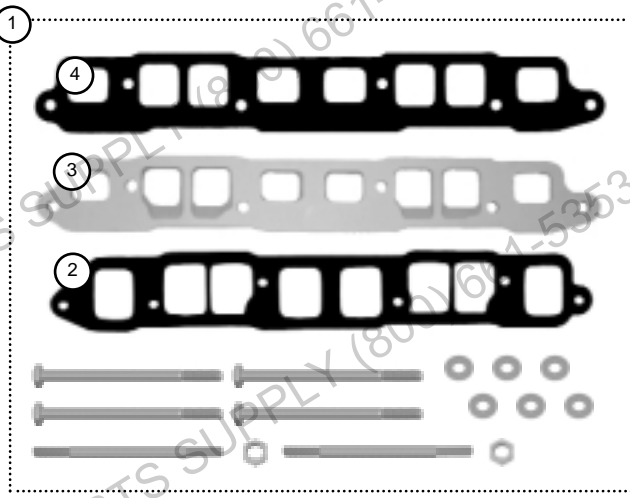
* Items A through D are included in the manifold assembly.

Note: 2076 riser replaces the early Mercruiser 2-piece riser setup from Mercruiser using # 76325 riser (or Osco 6325) with an off-set adapter # 95863. The adapter is no longer available.



MERCURISER

Converts large intake port 181 cu.in. manifolds to the high output small intake port cylinder heads.



1. **MO4-HOK Adapter Plate Kit.** Converts large intake port manifolds to small intake port cylinder heads. Includes MO4-HO adapter, MO4-GH gasket, MO4-HO-GH gasket and mounting hardware for Mercruiser manifolds.
2. **MO4-GH Gasket,** manifold to adapter.
3. **MO4-HO Adapter Plate.** Can be used in other applications such as Marine Power, OMC, Etc.
4. **MO4-HO-GH Gasket,** adapter to cylinder head. New style high output head with small intake ports.

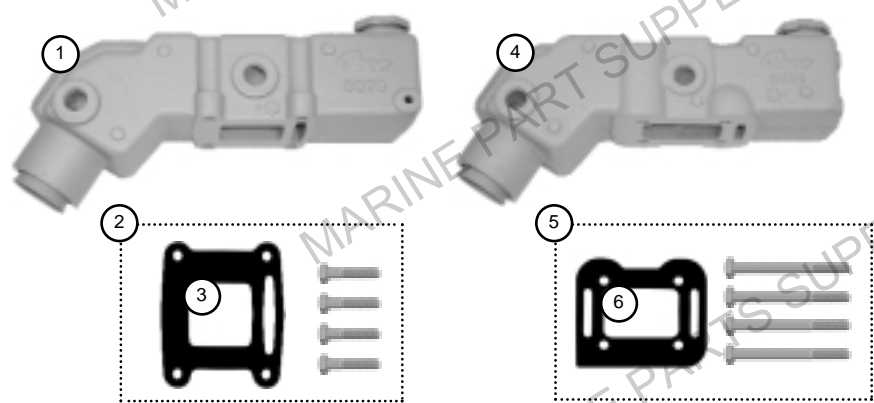
Necessary pipe plugs are included.

OEM Style Replacements for:

MERCURISER

**Mercruiser Four Cylinder
224 cu.in. 3.7 Liter**

Models 165, 170, 180 and 190



1. **0879 Elbow/Reservoir.** Fits Mercruiser cast iron manifold # 99908. Replaces Mercruiser # 90880. Cap included. Use mounting kit # 0879-MK. Fitting not included.
2. **0879-MK Mounting Kit,** elbow/reservoir. Fits 0879 elbow/reservoir. Includes 0879-G gasket and mounting hardware.
3. **0879-G Gasket,** elbow/reservoir. Fits 0879 elbow/reservoir. Included in 0879-MK mounting kit. Replaces Mercruiser # 27-97542.
4. **8561 Elbow/Reservoir.** Fits Mercruiser aluminum manifold # 93174. Replaces Mercruiser # 98561. Cap included. Use mounting kit 8561-MK. Fitting not included.
5. **8561-MK Mounting Kit,** elbow/reservoir. Fits 8561 elbow/reservoir. Includes 8561-G gasket and mounting hardware.
6. **8561-G Gasket,** elbow/reservoir. Fits 8561 elbow/reservoir. Included in 8561-MK mounting kit. Replaces Mercruiser # 27-18272.

Note: Both elbow/reservoirs are made of cast iron like the original Mercruiser parts.
Osco does not make the 3.7L or 3.7LX exhaust manifolds.



Generic Replacements for:

8

MERCURISER

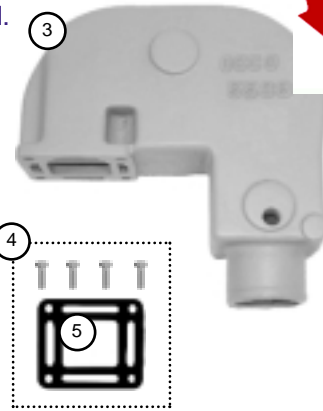
GM In-Line Six Cylinder 250 cu.in.

Model 160
Using Mercruiser riser #'s 39920 or 55538

**DO NOT USE THIS MANIFOLD IN
CLOSED COOLING APPLICATIONS.**

Necessary pipe plugs are included.

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- | | |
|---|---|
| <p>1. MO618-55*</p> <p>1a. F68N9 *</p> <p>1b. BWS *</p> <p>1c. BWF *</p> <p>1d. BG *</p> <p>1e. MO65538 *</p> <p>1f. MO618-G *</p> <p>1g. CY-MG*</p> <p>2. CY6-GH</p> <p>3. 5538</p> <p>4. 5538-MK</p> <p>5. 5538-G</p> | <p>Manifold Assembly. Fits 250 cu.in. GM in-line six cylinder engines equipped with Mercruiser riser #'s 39920 or 55538. Includes items 1a through 1g and mounting hardware. Does not include manifold to cylinder head gasket.</p> <p>Water Fitting, plastic 90°. 3/4" MPT x 1" hose barb.</p> <p>Front Plate. Fits MO618 series manifolds.</p> <p>Rear Plate. Fits MO618 series manifolds.</p> <p>Gasket, end plate. Fits BWS and BWF and plates.</p> <p>Riser Adapter. Adapts 5538 riser to manifold.</p> <p>Gasket, riser adapter to manifold.</p> <p>Gasket for 2 barrel Rochester carburetor, studs measure, 3 1/4" x 1 7/8" on center.</p> <p>Gasket, manifold to engine cylinder head. Replaces Mercruiser # 27-46401.</p> <p>Riser, 2 1/2" exhaust outlet, 90° down angle. Replaces Mercruiser #'s 39920 and 55538. Use mounting kit 5538-MK.</p> <p>Mounting Kit, riser. Fits 5538 riser. Includes 5538-G gasket and mounting hardware.</p> <p>Gasket, riser. Included in 5538-MK mounting kit.</p> |
|---|---|

* Item #'s 1a through 1g are included with the manifold assembly.

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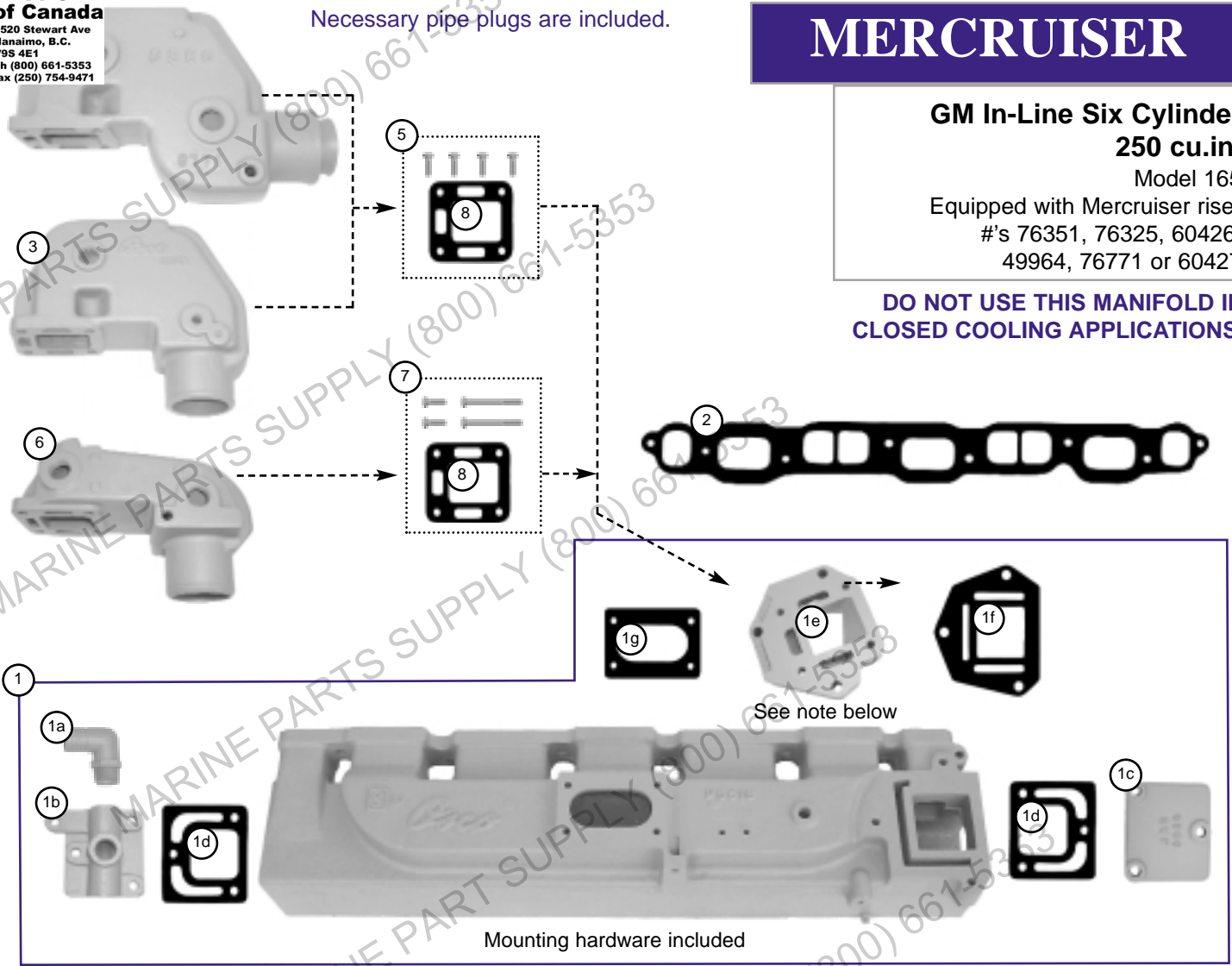
MERCURISER

Necessary pipe plugs are included.

GM In-Line Six Cylinder 250 cu.in.

Model 165
 Equipped with Mercruiser riser
 #'s 76351, 76325, 60426,
 49964, 76771 or 60427

**DO NOT USE THIS MANIFOLD IN
CLOSED COOLING APPLICATIONS.**



1. **MO618-63*** **Manifold Assembly.** Fits 250 cu.in. GM in-line six cylinder engines equipped with Mercruiser riser #'s 76351, 76325, 60426, 49964, 76771 or 60427. Includes items 1a through 1g and mounting hardware. Does not include manifold to cylinder head gasket.
- 1a. **F68N9*** **Water Fitting,** plastic 90°. 3/4" MPT x 1" hose barb.
- 1b. **BWS*** **Front Plate.** Fits MO618 series manifolds.
- 1c. **BWF*** **Rear Plate.** Fits MO618 series manifolds.
- 1d. **BG*** **Gasket,** end plate. Fits BWS and BWF and plates.
- 1e. **MO66351*** **Riser Adapter.** Adapts 6325, 6351, and 6771 risers to manifold. **See note below.**
- 1f. **MO618-G*** **Gasket,** riser adapter to manifold.
- 1g. **CY-MG*** **Gasket,** for 2 barrel Rochester carburetor. Studs measure 3 1/4" x 1 7/8" on centers.
2. **CY6-GH** **Gasket,** manifold to engine cylinder head. Replaces Mercruiser # 27-46401.
3. **6351** **Riser,** 3" exhaust outlet, 90° down angle. For use in most inboard/outboard applications. Replaces Mercruiser #'s 76351, 60426 and 49964. Use mounting kit 6371-MK.
4. **6771** **Riser,** 3" exhaust outlet, 0° down angle. For use in most inboard applications. Replaces Mercruiser #'s 76771 and 60427. Use mounting kit 6371-MK.
5. **6371-MK** **Mounting Kit,** riser. Fits 6351 and 6771 risers. Includes 52076 gasket and mounting hardware.
6. **6325** **Riser,** low profile, 3" exhaust outlet, 90° down angle. For use in inboard/outboard applications where height is a problem. Replaces Mercruiser # 76325. Use mounting kit # 6325-MK.
7. **6325-MK** **Mounting Kit,** riser. Fits 6325 riser. Includes 52076 gasket and mounting hardware.
8. **52076** **Gasket,** riser. Included in 6371-MK and 6325-MK mounting kits.

* Item #'s 1a through 1g are included with the manifold assembly.

Note: Riser mounts at slight angle to compensate for wider manifold design.



OEM Style Replacements for:

MERCURISER

GM In-Line Six Cylinder 250 and 292 cu.in.

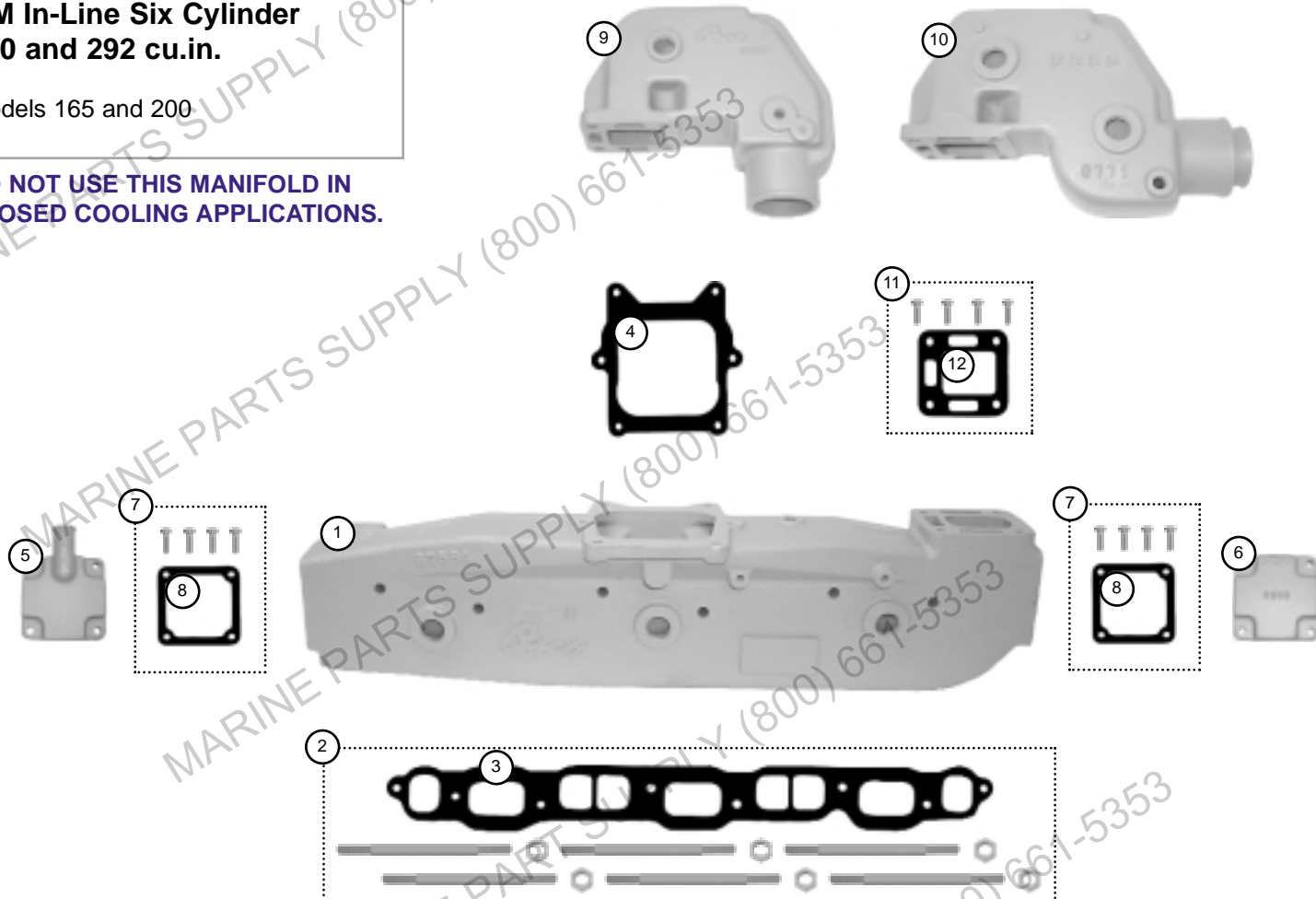
Models 165 and 200

**DO NOT USE THIS MANIFOLD IN
CLOSED COOLING APPLICATIONS.**

Necessary pipe plugs are included.



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1. **8759** **Manifold.** Fits 250 and 292 cu.in. GM in-line six cylinder engines. Replaces Mercruiser # 58759. Use mounting kit 8759-MK.
2. **8759-MK** **Mounting Kit,** manifold. Fits 8759 manifold. Includes CY6-GH gasket and mounting hardware.
3. **CY6-GH** **Gasket,** manifold to cylinder head. Included in 8759-MK mounting kit. Replaces Mercruiser # 27-46401.
4. **58764** **Gasket,** carburetor adapter to manifold. Replaces Mercruiser # 27-58764.
5. **60252** **Front Plate,** with water fitting. Replaces Mercruiser # 60252. Use mounting kit 60252-MK.
6. **54870** **Rear Plate,** without water fitting. Replaces Mercruiser # 54870. Use mounting kit 60252-MK.
7. **60252-MK** **Mounting Kit,** end plate. Fits 60252 and 54870 end plates. Includes 48043 gasket and mounting hardware.
8. **48043** **Gasket,** end plate. Fits 60252 and 54870 end plates. Included in 60252-MK mounting kit. Replaces Mercruiser # 27-48043.
9. **6351** **Riser,** 3" exhaust outlet, 90° down angle. For use in most inboard/outboard applications. Replaces Mercruiser #'s 76351, 60426 and 49964. Use mounting kit 6371-MK.
10. **6771** **Riser,** 3" exhaust outlet, 0° down angle. For use in most inboard applications. Replaces Mercruiser #'s 76771 and 60427. Use Mounting Kit 6371-MK.
11. **6371-MK** **Mounting Kit,** riser. Fits 6351 and 6771 risers. Includes 52076 gasket and mounting hardware.
12. **52076** **Gasket,** riser. Fits 6351 and 6771 risers. Included in 6371-MK. Replaces Mercruiser # 27-52076.

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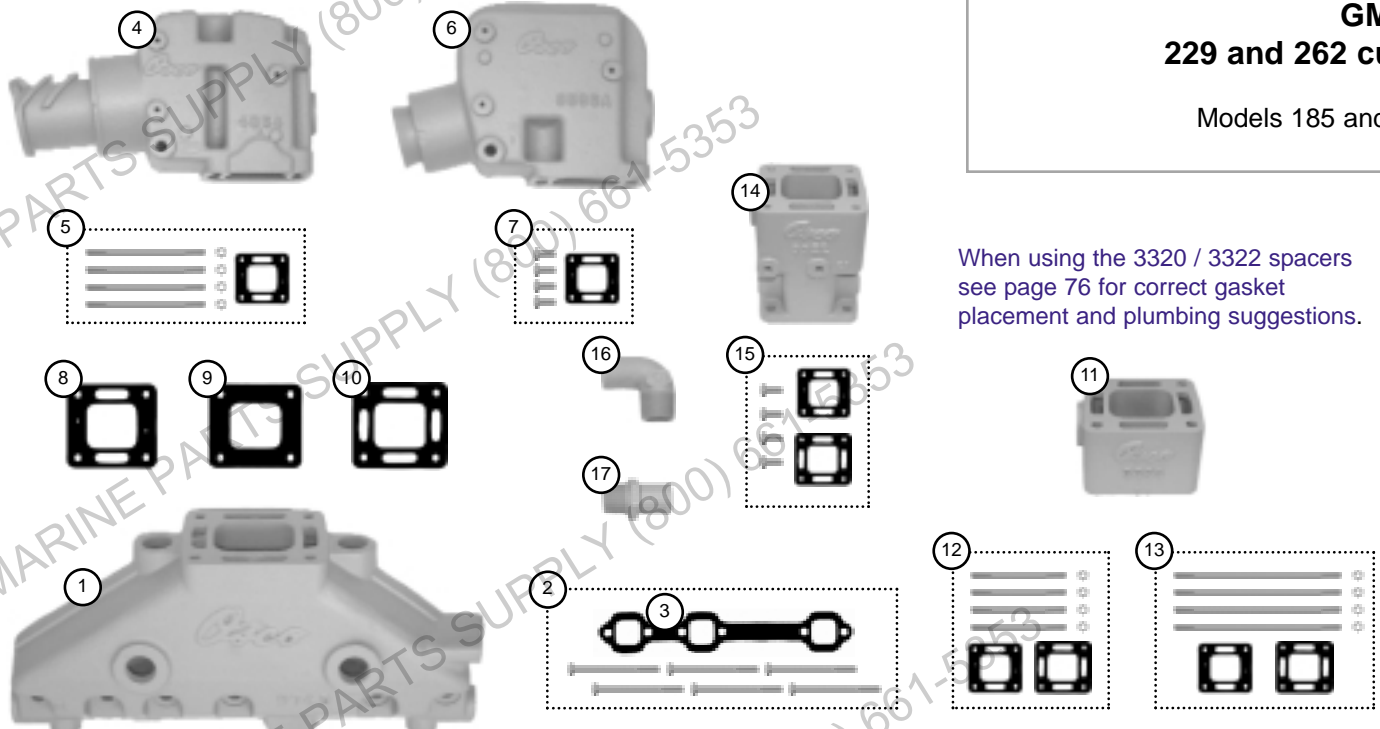
HATFIELD, PA 19440
FAX (215) 822-5394

Necessary pipe plugs are included.

MERCURISER 11

**GM V6
229 and 262 cu.in.**
Models 185 and 205

When using the 3320 / 3322 spacers see page 76 for correct gasket placement and plumbing suggestions.



- 1. **9745** **Manifold.** Fits 229 and 262 cu.in. GM V6 engines. Replaces Mercruiser #'s 99745 and 99746. Fits both sides of engine. Use mounting kit 9745-MK.
- 2. **9745-MK** **Mounting Kit,** manifold. Fits 9745 manifold. Includes CS-GH gasket and mounting hardware.
- 3. **CS-GH** **Gasket,** manifold to cylinder head. Included in 9745-MK mounting kit. Replaces Mercruiser # 27-99757.
- 4. **4354** **Riser,** 4" exhaust outlet, 7° down angle. For late model inboard/outboard and inboards. Replaces Mercruiser # 44354, 807914 and 807988. Use mounting kit 4354-MK.
- 5. **4354-MK** **Mounting Kit,** riser. Fits 4354 riser. Includes 8503-GR gasket and mounting hardware.
- 6. **8503A** **Riser,** 3" exhaust outlet, 15° down angle. For early model inboard/outboards. Replaces Mercruiser #'s 98503 and 98504. Use mounting kit 8503A-MK.
- 7. **8503A-MK** **Mounting Kit,** riser. Fits 8503A riser. Includes 8503-GR gasket and mounting hardware.
- 8. **8503-GR** **Gasket, restrictor.** Fits center riser Mercruiser. Common use is on all raw water cooled motors. Restricts flow, creating water back pressure to keep manifold and/or spacer full. Replaces Mercruiser # 27-41813.
- 9. **8503-GB** **Gasket, blocked.** Fits center riser Mercruiser. For fresh water/closed cooling, gasket separates anti-freeze and raw water (no stainless plate required). Replaces Mercruiser # 27-41811.
- 10. **8503-GO** **Gasket, open.** Fits center riser Mercruiser. Common use is at base of spacer block along with 8503-GR at riser. Allows spacer to fill with water. Replaces Mercruiser # 27-87105.
- 11. **3320** **Spacer,** 3" center riser. Fits 9745 manifold. Replaces Mercruiser # 93320. Sold each. Use mounting kit 3320-MK with 8503A riser or use 3320-MK-X with 4354 riser.
- 12. **3320-MK** **Mounting Kit,** spacer. Fits 3320 spacer with 8503A riser. Includes 8503-GO and 8503-GR gaskets and mounting hardware to bolt 8503A riser and 3320 spacer to 9745 manifold.
- 13. **3320-MK-X** **Mounting Kit,** spacer. Fits 3320 spacer with 4354 riser. Includes 8503-GO and 8503-GR gaskets and mounting hardware to bolt 4354 riser and 3320 spacer to 9745 manifold.
- 14. **3322** **Spacer,** 6" center riser. Fits 9745 manifold. Replaces Mercruiser # 93322. Sold each. Use mounting kit 3322-MK to mount spacer to manifold. *Riser #'s 8503A or 4354 will require their own mounting kit.*
- 15. **3322-MK** **Mounting Kit,** spacer. Fits 3322 Spacer. Includes 8503-GO and 8503-GR gaskets and mounting hardware to bolt spacer to manifold. *Riser #'s 8503A or 4354 will require their own mounting kit.*
- 16. **F68C9** **Water Fitting,** 90° elbow. 3/4" MPT x 1" hose barb. Replaces Mercruiser # 22-36305.
- 17. **F68CS** **Water Fitting,** straight. 3/4" MPT x 1" hose barb. Replaces Mercruiser # 22-45084.



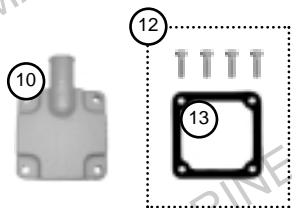
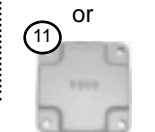
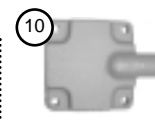
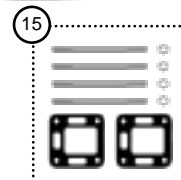
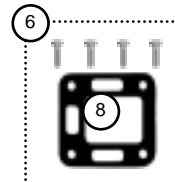
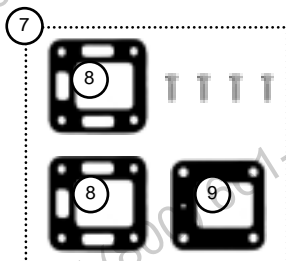
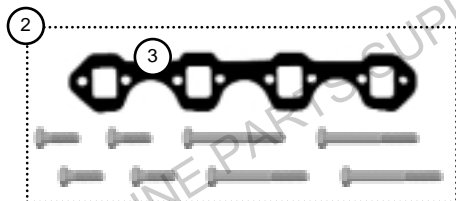
MERCURISER

Ford Small Block V8 302 - 351 cu.in.

Models 215, 225, 233, 255 and 888

Necessary pipe plugs are included.

References to port and starboard are made looking from the rear of the motor forward. Port is left, starboard is right.



Port Side Shown

1. **5604** **Manifold, port.** Log style manifold fits 302 - 351 cu.in. Ford small block V8 engines. Replaces Mercruiser #'s 54100 and 65604. Use mounting kit 560-MK.
1. **5603** **Manifold, starboard.** Log style manifold fits 302 and 351 cu.in. Ford small block V8 engines. Replaces Mercruiser #'s 54099 and 65603. Use mounting kit 560-MK.
2. **560-MK** **Mounting Kit, manifold.** Fits 5603 and 5604 manifolds. Includes FL-GH gasket and mounting hardware.
3. **FL-GH** **Gasket, manifold to cylinder head.** Included in 560-MK mounting kit. Replaces Mercruiser # 27-73866.
4. **6351** **Riser, 3" exhaust outlet, 90° down angle.** For use in most inboard/outboard applications. Replaces Mercruiser #'s 76351, 60426 and 49964. Use mounting kit 6371-MK.
5. **6771** **Riser, 3" exhaust outlet, 0° down angle.** For use in most inboard applications. Replaces Mercruiser #'s 76771 and 60427. Use mounting kit 6371-MK.
6. **6371-MK** **Mounting Kit, riser.** Fits 6351 and 6771 risers. Includes 52076 gasket and mounting hardware.
7. **6371-MK-SP** **Mounting Kit, riser.** Fits 6351 and 6771 risers. Includes 60207 stainless plate with weep hole, (2) 52076 gaskets and mounting hardware. *Not for fresh water/closed cooling systems.*
8. **52076** **Gasket, riser.** Fits 6351 and 6771 risers and 1851 spacer. Included in 6371-MK, 6371-MK-SP and 1851-MK mounting kits. Replaces Mercruiser # 27-52076.
9. **60207** **Stainless Plate, with weep hole** to remove air trapped in the manifold. Fits 6351 and 6771 risers. *Not for fresh water/closed cooling systems.* Replaces Mercruiser # 60207. Requires (2) 52076 gaskets, or order 6371-MK-SP.
10. **60252** **End Plate, with water fitting.** Replaces Mercruiser # 60252. Use mounting kit 60252-MK.
11. **54870** **Rear Plate, without water fitting.** Replaces Mercruiser # 54870. Use mounting kit 60252-MK.
12. **60252-MK** **Mounting Kit, end plate.** Fits 60252 and 54870 end plates. Includes 48043 gasket and mounting hardware.
13. **48043** **Gasket, end plate.** Fits 60252 and 54870 end plates. Included in 60252-MK mounting kit. Replaces Mercruiser # 27-48043.
14. **1851** **Spacer, 3" rear riser.** Fits 5603 and 5604 manifolds with 6351 or 6771 risers. Replaces Mercruiser # 61851. Use mounting kit 1851-MK.
15. **1851-MK** **Mounting Kit, spacer.** Attaches 6351 or 6771 riser and 1851 spacer to 5603/5604 manifolds. Includes (2) 52076 gaskets and mounting hardware.



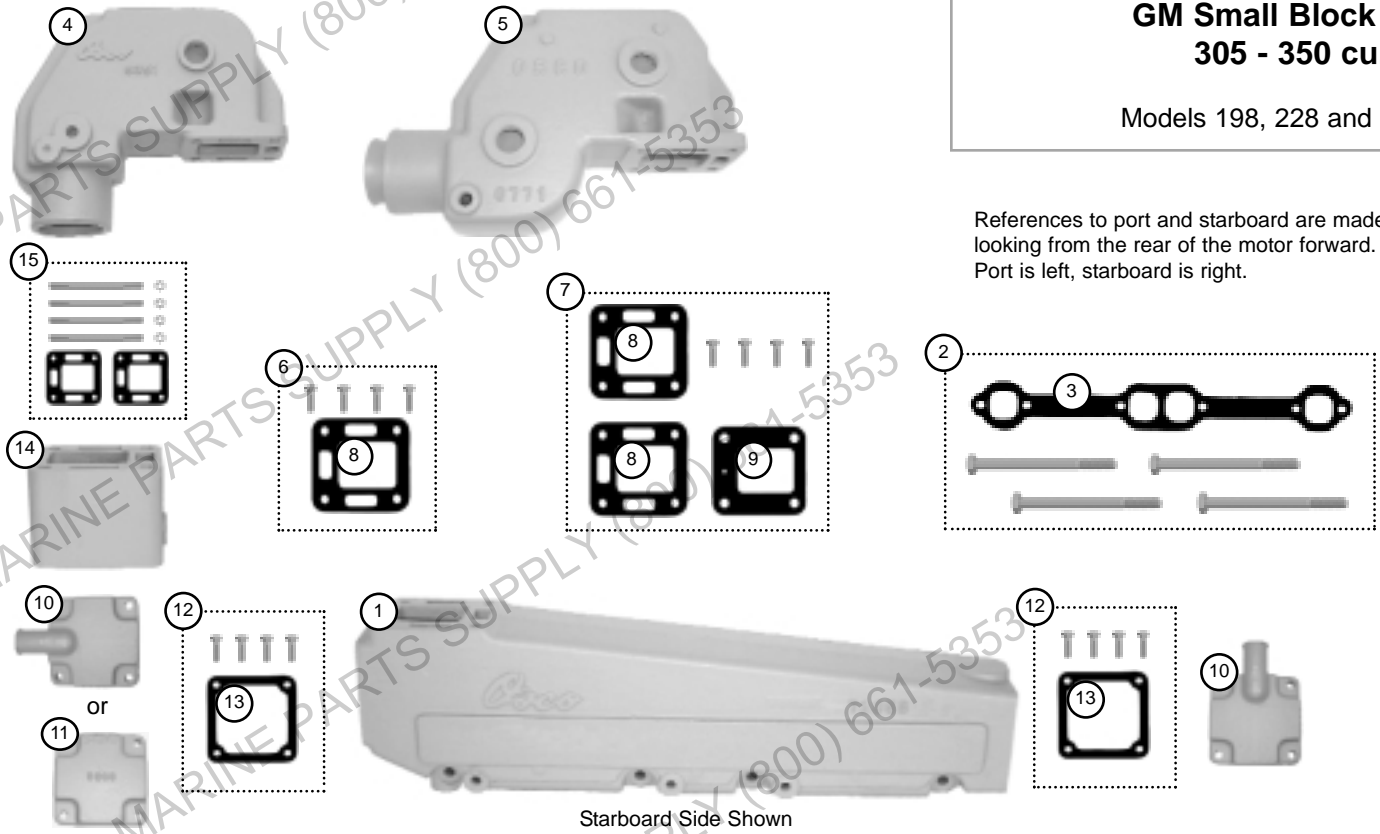
Necessary pipe plugs are included.

MERCURISER

GM Small Block V8
305 - 350 cu.in.

Models 198, 228 and 898

References to port and starboard are made looking from the rear of the motor forward. Port is left, starboard is right.



Starboard Side Shown

- 1. **7234B** **Manifold, port.** Log style manifold fits 305 - 350 cu.in. GM small block V8 engines. Replaces Mercruiser # 77234B. Use mounting kit 7214-MK.
- 1. **7235B** **Manifold, starboard.** Log style manifold fits 305 and 350 cu.in. GM small block V8 engines. Replaces Mercruiser # 77235B. Use mounting kit 7214-MK.
- 1. **7235B-A** **Manifold, starboard, V-Drive** applications where the alternator bracket is bolted to the starboard manifold. Use mounting kit 7214-MK.
- 2. **7214-MK** **Mounting Kit, manifold.** Fits 7234B and 7235B manifolds. Includes CV-GH gasket and mounting hardware.
- 3. **CV-GH** **Gasket, manifold to cylinder head.** Included in 7214-MK mounting kit. Replaces Mercruiser # 27-33395.
- 4. **6351** **Riser, 3" exhaust outlet, 90° down angle.** For use in most inboard/outboard applications. Replaces Mercruiser #'s 76351, 60426 and 49964. Use mounting kit 6371-MK.
- 5. **6771** **Riser, 3" exhaust outlet, 0° down angle.** For use in most inboard applications. Replaces Mercruiser #'s 76771 and 60427. Use mounting kit 6371-MK.
- 6. **6371-MK** **Mounting Kit, riser.** Fits 6351 and 6771 Risers. Includes 52076 gasket and mounting hardware.
- 7. **6371-MK-SP** **Mounting Kit, riser.** Fits 6351 and 6771 risers. Includes 60207 stainless plate with weep hole, (2) 52076 gaskets and mounting hardware. *Not for fresh water/closed cooling systems.*
- 8. **52076** **Gasket, riser.** Fits 6351 and 6771 risers and 1851 spacer. Included in 6371-MK, 6371-MK-SP and 1851-MK mounting kits. Replaces Mercruiser # 27-52076.
- 9. **60207** **Stainless Plate, with weep hole** to remove air trapped in the manifold. Fits 6351 and 6771 risers. *Not for fresh water/closed cooling systems.* Requires (2) of 52076 or order 6371-MK-SP.
- 10. **60252** **End Plate, with water fitting.** Replaces Mercruiser # 60252. Use mounting kit 60252-MK.
- 11. **54870** **Rear Plate, without water fitting.** Replaces Mercruiser # 54870. Use mounting kit 60252-MK.
- 12. **60252-MK** **Mounting Kit, end plate.** Fits 60252 & 54870 end plates. Includes 48043 gasket and mounting hardware.
- 13. **48043** **Gasket, end plate.** Fits 60252 and 54870 end plates. Included in 60252-MK mounting kit. Replaces Mercruiser # 27-48043.
- 14. **1851** **Spacer, 3" rear riser.** Fits 7234B and 7235B manifolds with 6351 or 6771 risers. Replaces Mercruiser # 61851. Use mounting kit 1851-MK.
- 15. **1851-MK** **Mounting Kit, spacer.** Attaches 6351 or 6771 risers and 1851 spacer to 7234B and 7235B manifolds. Includes (2) 52076 gaskets and mounting hardware.



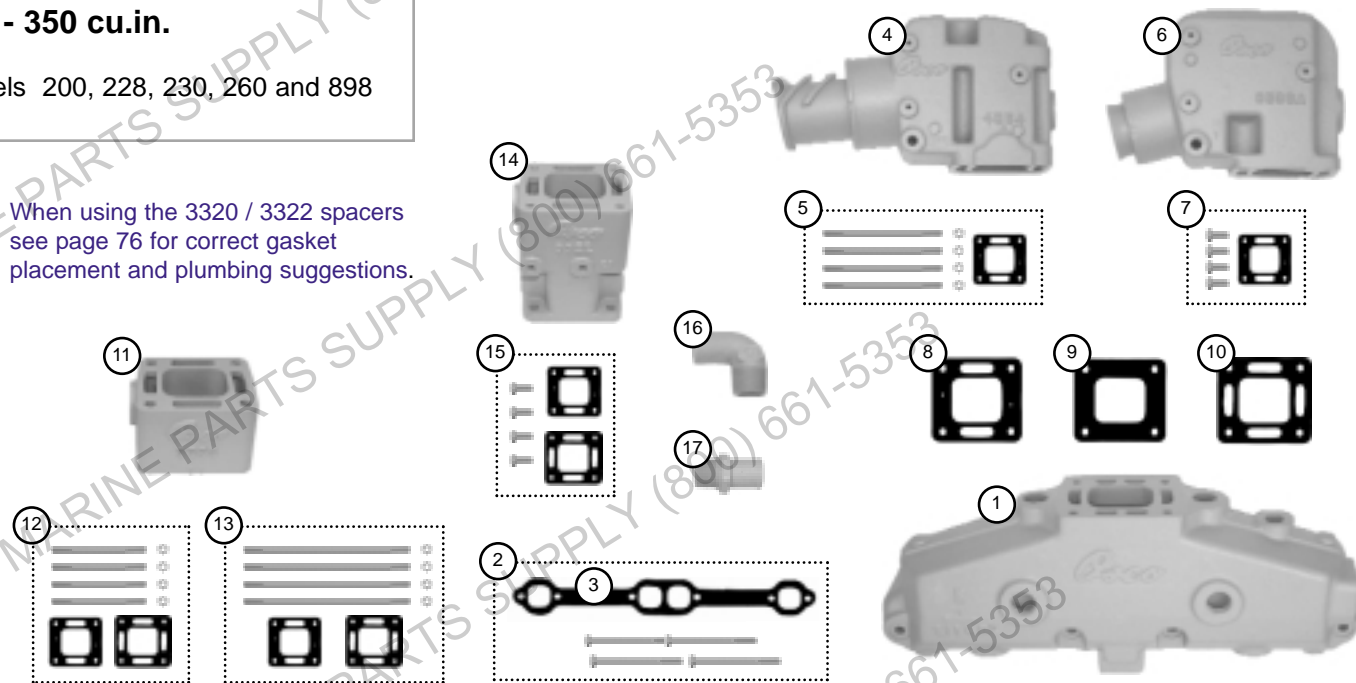
Necessary pipe plugs are included.

MERCURISER

GM Small Block V8 305 - 350 cu.in.

Models 200, 228, 230, 260 and 898

When using the 3320 / 3322 spacers see page 76 for correct gasket placement and plumbing suggestions.



1. **7114B2** **Manifold.** Fits 305 - 350 cu.in. GM small block V8 engines. Fits both sides of engine. Replaces Mercruiser #'s 87114 and 860246. *Updated to replace all small block Mercruiser center riser manifolds to date.* Use mounting kit 7214-MK.
2. **7214-MK** **Mounting Kit,** manifold. Fits 7114B2 manifold. Includes CV-GH gasket and mounting hardware.
3. **CV-GH** **Gasket,** manifold to cylinder head. Included in 7214-MK mounting kit. Replaces Mercruiser # 27-33395.
4. **4354** **Riser,** 4" exhaust outlet, 7° down angle, for late model inboard/outboard and inboards. Replaces Mercruiser # 44354, 807914 and 807988. Use mounting kit 4354-MK.
5. **4354-MK** **Mounting Kit,** riser. Fits 4354 riser. Includes 8503-GR gasket and mounting hardware.
6. **8503A** **Riser,** 3" exhaust outlet, 15° down angle, for early model inboard/outboards. Replaces Mercruiser #'s 98503 and 98504. Use mounting kit 8503A-MK.
7. **8503A-MK** **Mounting Kit,** riser. Fits 8503A riser. Includes 8503-GR gasket and mounting hardware.
8. **8503-GR** **Gasket, restrictor.** Fits center riser Mercruiser. Common use is on all raw water cooled motors. Restricts flow, creating water back pressure to keep manifold and/or spacer full. Replaces Mercruiser # 27-41813.
9. **8503-GB** **Gasket, blocked.** Fits center riser Mercruiser. For fresh water/closed cooling, gasket separates anti-freeze and raw water (no stainless plate required). Replaces Mercruiser # 27-41811.
10. **8503-GO** **Gasket, open.** Fits center riser Mercruiser. Common use is at base of spacer block along with 8503-GR at riser. Allows spacer to fill with water. Replaces Mercruiser # 27-87105.
11. **3320** **Spacer,** 3" center riser. Fits 7114B2 manifold. Replaces Mercruiser # 93320. Sold each. Use mounting kit 3320-MK with 8503A riser or use 3320-MK-X with 4354 riser.
12. **3320-MK** **Mounting Kit,** spacer. Fits 3320 spacer with 8503A riser. Includes 8503-GO and 8503-GR gaskets and mounting hardware to bolt 8503A riser and 3320 spacer to 7114B2 manifold.
13. **3320-MK-X** **Mounting Kit,** spacer. Fits 3320 spacer with 4354 riser. Includes 8503-GO and 8503-GR gaskets and mounting hardware to bolt 4354 riser and 3320 spacer to 7114B2 manifold.
14. **3322** **Spacer,** 6" center riser. Fits 7114B2 manifold. Replaces Mercruiser # 93322. Sold each. Use mounting kit 3322-MK to mount spacer to manifold. *Riser #'s 8503A or 4354 will require their own mounting kit.*
15. **3322-MK** **Mounting Kit,** spacer. Fits 3322 Spacer. Includes 8503-GO and 8503-GR gaskets and mounting hardware to bolt spacer to manifold. *Riser #'s 8503A or 4354 will require their own mounting kit.*
16. **F68C9** **Water Fitting,** 90° elbow. 3/4" MPT x 1" hose barb. Replaces Mercruiser # 22-36305.
17. **F68CS** **Water Fitting,** straight. 3/4" MPT x 1" hose barb. Replaces Mercruiser # 22-45084.

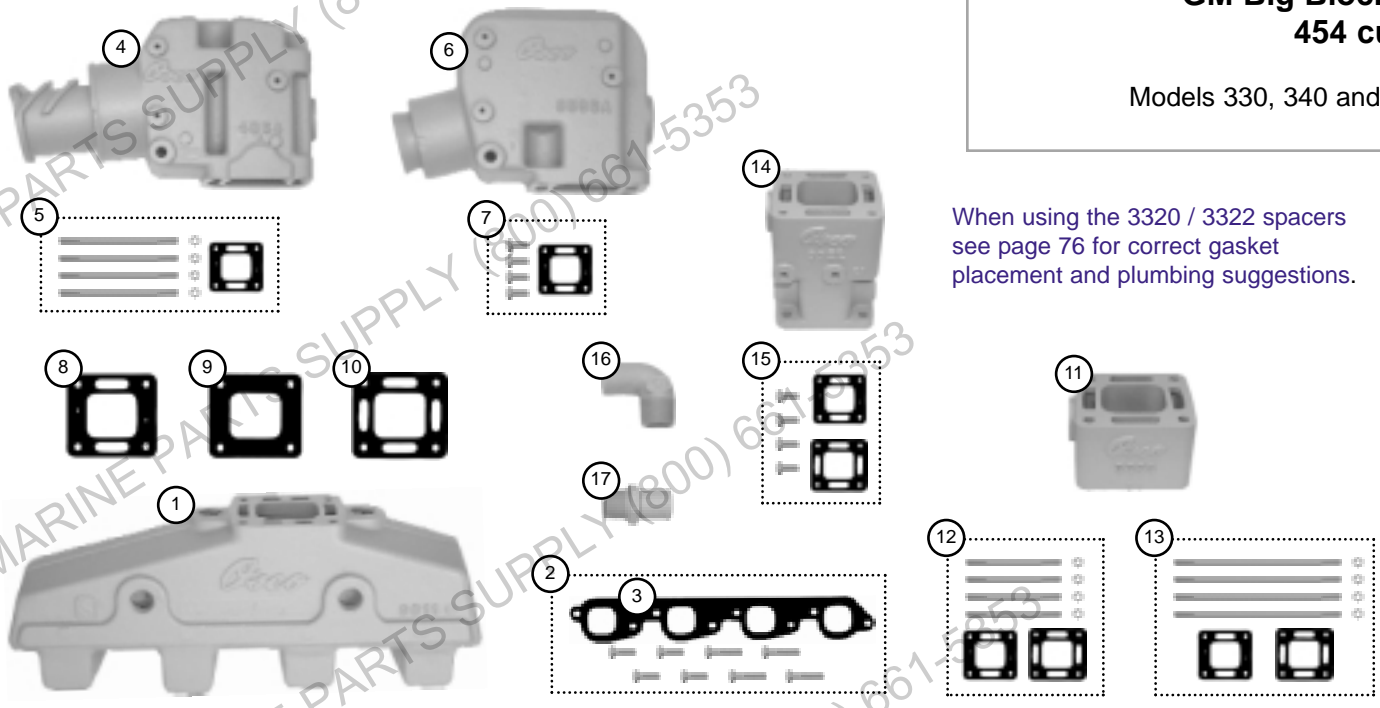


MERCURISER 15

**GM Big Block V8
 454 cu.in.**

Models 330, 340 and 7.4L

When using the 3320 / 3322 spacers see page 76 for correct gasket placement and plumbing suggestions.



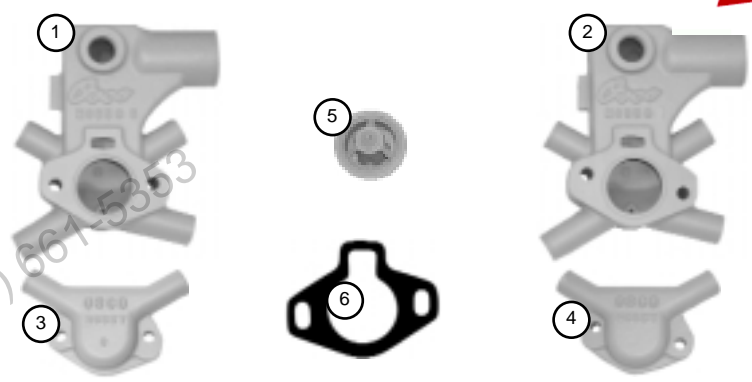
- 1. **9011** **Manifold.** Fits 454 cu.in. GM big block V8 engines. Fits both sides of engine. Replaces Mercruiser # 89011. Use mounting kit 9011-MK.
- 2. **9011-MK** **Mounting Kit,** manifold. Fits 9011 manifold. Includes CW-GH gasket and mounting hardware.
- 3. **CW-GH** **Gasket,** manifold to cylinder head. Included in 9011-MK mounting kit. Replaces Mercruiser # 27-46820.
- 4. **4354** **Riser,** 4" exhaust outlet, 7° down angle, for late model inboard/outboard and inboards. Replaces Mercruiser #'s 44354, 807914 and 807988. Use mounting kit 4354-MK.
- 5. **4354-MK** **Mounting Kit,** riser. Fits 4354 riser. Includes 8503-GR gasket and mounting hardware.
- 6. **8503A** **Riser,** 3" exhaust outlet, 15° down angle, for early model inboard/outboards. Replaces Mercruiser #'s 98503 and 98504. Use mounting kit 8503A-MK.
- 7. **8503A-MK** **Mounting Kit,** riser. Fits 8503A riser. Includes 8503-GR gasket and mounting hardware.
- 8. **8503-GR** **Gasket, restrictor.** Fits center riser Mercruiser. Common use is on all raw water cooled motors. Restricts flow, creating water back pressure to keep manifold and/or spacer full. Replaces Mercruiser # 27-41813.
- 9. **8503-GB** **Gasket, blocked.** Fits center riser Mercruiser. For fresh water/closed cooling, gasket separates anti-freeze and raw water (no stainless plate required). Replaces Mercruiser # 27-41811.
- 10. **8503-GO** **Gasket, open.** Fits center riser Mercruiser. Common use is at base of spacer block along with 8503-GR at riser. Allows spacer to fill with water. Replaces Mercruiser # 27-87105.
- 11. **3320** **Spacer,** 3" center riser. Fits 9011 manifold. Replaces Mercruiser # 93320. Sold each. Use mounting kit 3320-MK with 8503A riser or use 3320-MK-X with 4354 riser.
- 12. **3320-MK** **Mounting Kit,** spacer. Fits 3320 spacer with 8503A riser. Includes 8503-GO and 8503-GR gaskets and mounting hardware to bolt 8503A riser and 3320 spacer to 9011 manifold.
- 13. **3320-MK-X** **Mounting Kit,** spacer. Fits 3320 spacer with 4354 riser. Includes 8503-GO and 8503-GR gaskets and mounting hardware to bolt 4354 riser and 3320 spacer to 9011 manifold.
- 14. **3322** **Spacer,** 6" center riser. Fits 9011 manifold. Replaces Mercruiser # 93322. Sold each. Use mounting kit 3322-MK to mount spacer to manifold. *Riser #'s 8503A or 4354 will require their own mounting kit.*
- 15. **3322-MK** **Mounting Kit,** spacer. Fits 3322 Spacer. Includes 8503-GO and 8503-GR gaskets and mounting hardware to bolt spacer to manifold. *Riser #'s 8503A or 4354 will require their own mounting kit.*
- 16. **F68C9** **Water Fitting,** 90° elbow. 3/4" MPT x 1" hose barb. Replaces Mercruiser # 22-36305.
- 17. **F68CS** **Water Fitting,** straight. 3/4" MPT x 1" hose barb. Replaces Mercruiser # 22-45084.



MERCURISER

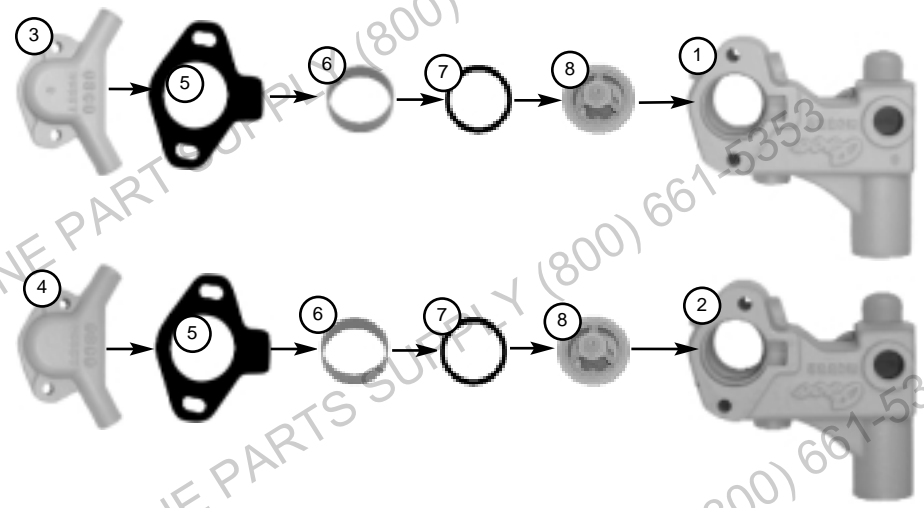
Thermostat components for GM V8 engines with **LOG STYLE** manifolds.

Necessary pipe plugs are included.



1. **MC553-SB** **Thermostat base.** Fits engines with log style manifolds. Fits small block GM, V8 305 - 350 cu.in. Replaces Mercruiser # 78984.
2. **MC553-BB** **Thermostat base.** Fits engines with log style manifolds. Fits big block GM 454 cu.in. Replaces Mercruiser # 78985.
3. **MC55-TSB** **Top Cover.** Fits small block thermostat housings. Replaces Mercruiser # 47441.
4. **MC55-TBB** **Top Cover.** Fits big block thermostat housings. Replaces Mercruiser # 47442.
5. **143-DEG** **Thermostat element,** 143° for raw water cooling. Replaces Mercruiser # 59137.
6. **48818** **Gasket,** top cover to base for log style manifolds. Replaces Mercruiser # 27-48818. Use with MC553-SB or MC553-BB thermostat bases.

Thermostat components for GM V8 engines with **CENTER RISER STYLE** manifolds.



1. **MC552-SB** **Thermostat base.** Fits engines with center riser style manifolds. Fits small block GM, V6 and V8 305 - 350 cu.in. Replaces Mercruiser # 87290. Uses original Tee fitting.
2. **MC552-BB** **Thermostat base.** Fits engines with center riser style manifolds. Fits big block GM 454 cu.in. Replaces Mercruiser # 90736. Uses original Tee fitting.
3. **MC55-TSB** **Top Cover.** Fits small block thermostat housings. Replaces Mercruiser # 47441.
4. **MC55-TBB** **Top Cover.** Fits big block thermostat housings. Replaces Mercruiser # 47442.
5. **41812** **Gasket,** top cover to base for center riser style manifolds. Replaces Mercruiser # 27-41812. Use with MC552-SB or MC552-BB thermostat bases.
6. **47508** **Sleeve,** thermostat element. Replaces mercruiser # 23-47508. Use with MC552-SB or MC552-BB thermostat bases.
7. **47510** **Gasket,** sleeve to thermostat element. Replaces Mercruiser #27-47510. Use with MC552-SB or MC552-BB thermostat bases.
8. **143-DEG** **Thermostat element,** 143° for raw water cooling. Replaces Mercruiser # 59137.



Necessary pipe plugs are included.

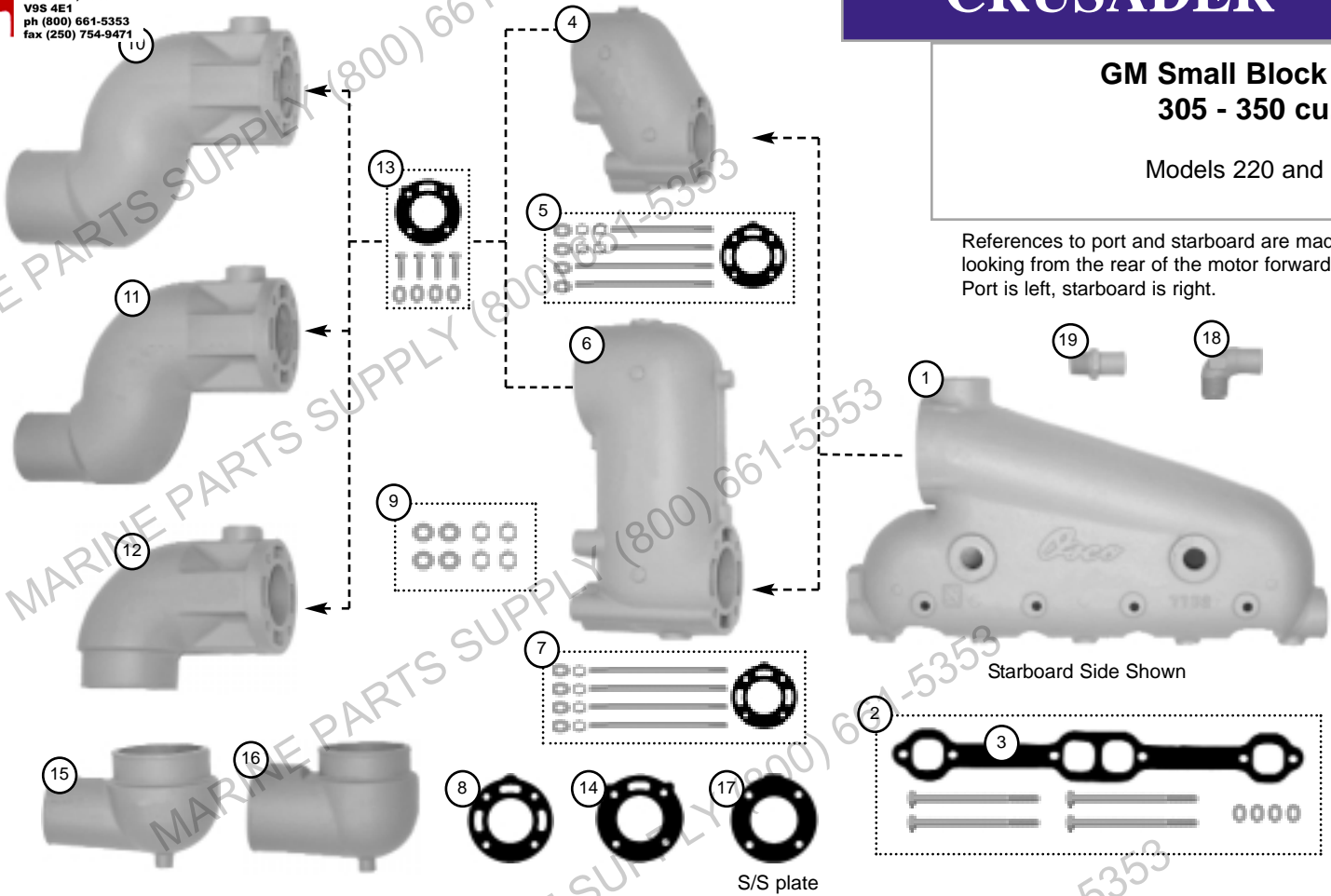
OEM Style Replacements for:

CRUSADER

**GM Small Block V8
305 - 350 cu.in.**

Models 220 and 270

References to port and starboard are made looking from the rear of the motor forward. Port is left, starboard is right.



- 1. **7752** **Manifold, starboard.** Fits 305 - 350 cu.in. GM small block V8 engines. Replaces Crusader # 97752 and 96120*.
- 1. **7753** **Manifold, port.** Fits 305 - 350 cu.in. GM small block V8 engines. Replaces Crusader #97753 and 96121*.
- 2. **775-MK** **Mounting Kit, manifold.** Fits 7752 and 7753 manifolds without alternator bracket. Includes CV-GH gasket and mounting hardware.
- 2. **775-MK-A** **Mounting Kit, manifold.** Fits 7753 manifold with alternator bracket. Includes CV-GH gasket and mtg. hardware.
- 3. **CV-GH** **Gasket, manifold** to cylinder head. Included in 775-MK and 775-MK-A. Replaces Crusader # 96306.
- 4. **7772** **Riser, 4".** Replaces Crusader # 97772. Use mounting kit 7772-MK.
- 5. **7772-MK** **Mounting Kit, riser.** Fits 7772 riser. Includes 6108 gasket and mounting hardware.
- 6. **7169** **Riser, 8".** Replaces Crusader # 97169. Use mounting kit 7169-MK.
- 7. **7169-MK** **Mounting Kit, riser.** Fits 7169 riser. Includes 6108 gasket and mounting hardware.
- 8. **6108** **Gasket, riser, 3 holes for water.** Used at manifold with risers 7772 and 7169. Included in 7169-MK and 7772-MK. Replaces Crusader # 96108. Tech tips page 75 and 79.
- 9. **NWK** **Nut and Washer Kit.** 4 each sealing washer and locking nuts. Replace after each removal.
- 10. **7924** **Elbow, 4" outlet.** Replaces Crusader # 97924. Use mounting kit 6562-MK.
- 11. **8068** **Elbow, 3" outlet.** Replaces Crusader # 98068. Use mounting kit 6562-MK.
- 12. **7386** **Elbow, jacketed upper for swivel.** Replaces Crusader # 97386. Use mounting kit 6562-MK.
- 13. **6562-MK** **Mounting Kit, elbow.** Fits 7924, 8068, and 7386. Includes 6562 gasket and mounting hardware.
- 14. **6562** **Gasket, elbow, 1 hole for water.** Used with elbows 7924, 8068 and 7386. Included in 6562-MK. Replaces Crusader # 96562. Tech tips page 75 and 79.
- 15. **7387** **Elbow, lower swivel with 3" outlet.** Replaces Crusader # 97387.
- 16. **7624** **Elbow, lower swivel with 4" outlet.** Replaces Crusader # 97624.
- 17. **7296** **Stainless Plate, block off.** Separates fresh water from raw water. Requires 1 plate and (2) 6562 or 6108 gaskets per manifold. Replaces Crusader # 97296. Tech tips page 75 and 79.
- 18. **7854** **Water Fitting, 90° elbow.** 1" MPT x 1 1/4" hose barb. Replaces Crusader # 97854. (1) required for a raw water cooled manifold and (2) required for a fresh water cooled manifold.
- 19. **F68CS** **Water Fi**

*Requires on

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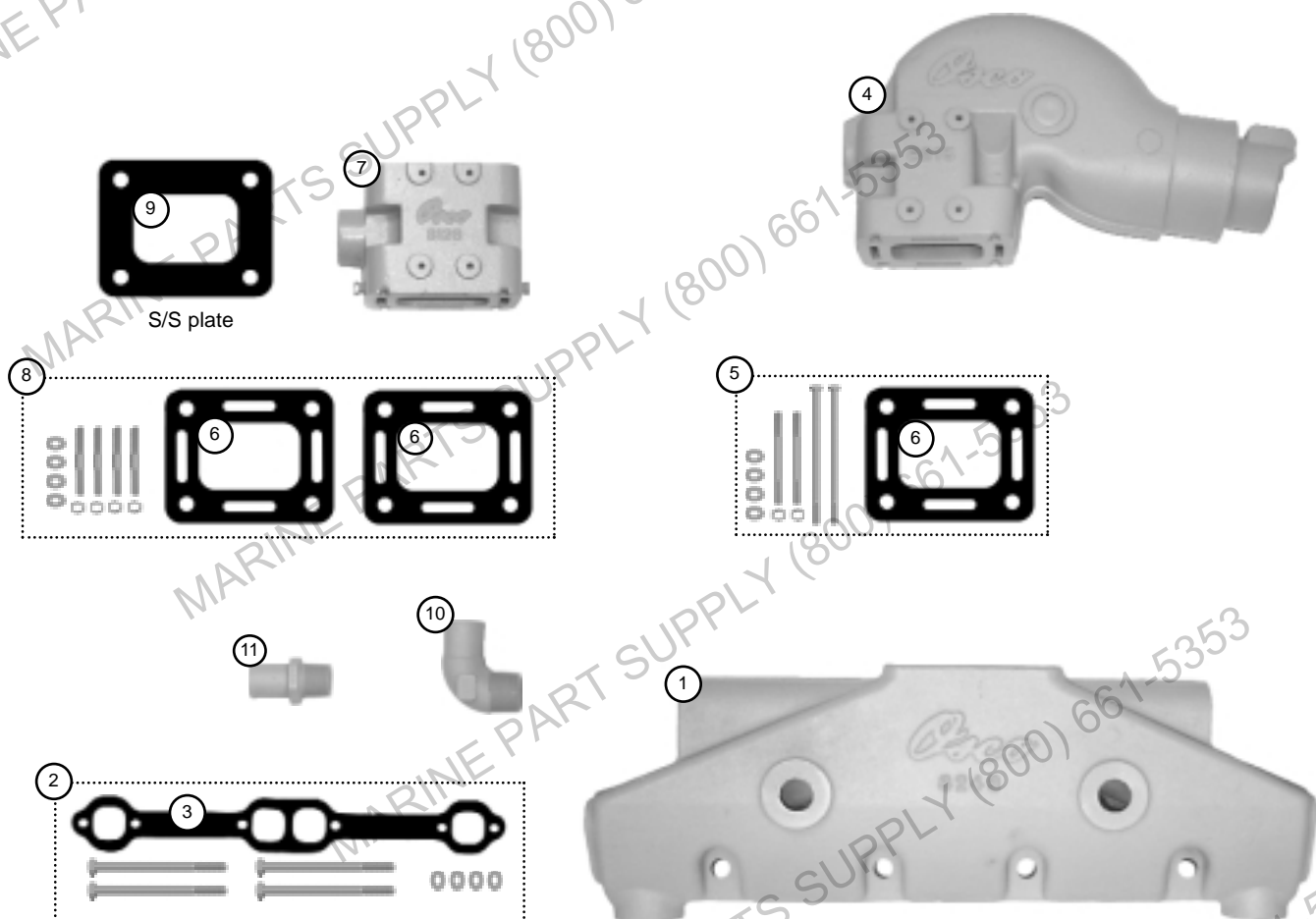
CRUSADER

GM Small Block V8 305 - 350 cu.in.

Models CM305, CM350XL and CM350HT

Necessary pipe plugs are included.

***Note:** The Crusader low profile riser # 98126 is 6 3/4" high. It is no longer available and is replaced by OSCO 9015 which is 8 1/4" high.



1. **8243** **Manifold.** Fits 305 - 350 cu.in. GM small block V8 engines. Replaces Crusader # 98243.
2. **8243-MK** **Mounting Kit, Manifold.** Fits 8243 manifold. Includes CV-GH gasket and mounting hardware.
3. **CV-GH** **Gasket, manifold to cylinder head.** Included in 8125-MK. Replaces Crusader # 96306.
4. **9015*** **Riser, 4" exhaust outlet, 10° down angle.** Replaces Crusader #'s RO29015 and 98126. **See Note Above*.** Use mounting kit 9015-MK.
5. **9015-MK** **Mounting Kit, riser.** Fits 9015 riser. Includes 9015-G gasket and mounting hardware.
6. **9015-G** **Gasket, riser.** Included in 9015-MK. Replaces Crusader # 98127.
7. **8128** **Spacer, 4".** Replaces Crusader # 98128. Use mounting kit 8128-MK.
8. **8128-MK** **Mounting Kit, spacer.** Mounts the 8128 spacer to the 8243 manifold. Includes (2) 9015-G gaskets and mounting hardware. *The 9015 riser will require its own mounting kit.*
9. **8124** **Stainless Plate, block-off.** Replaces Crusader # 98124. Requires (2) 9015-G gaskets per plate.
10. **7854** **Water Fitting, 90° elbow.** 1" MPT x 1 1/4" hose barb. Replaces Crusader # 97854. (1) required for a raw water cooled manifold and (2) required for a fresh water cooled manifold.
11. **F68CS** **Water Fitting, Straight.** 3/4" MPT x 1" hose barb. Replaces Crusader # 97911. For risers / elbows.



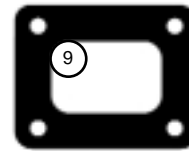
CRUSADER

**GM Big Block V8
454 cu.in.**

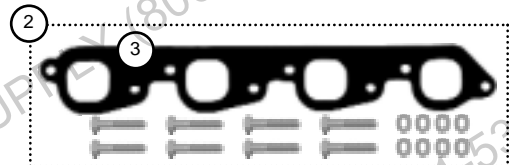
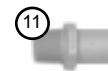
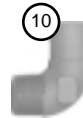
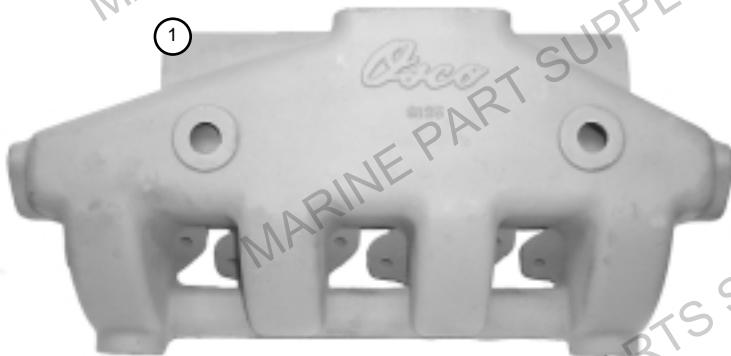
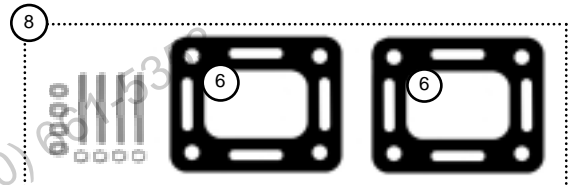
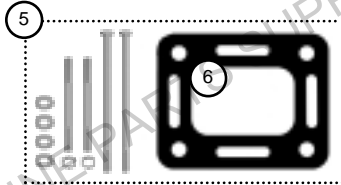
Models 454XL and 502XL

Necessary pipe plugs are included.

***Note:** The Crusader low profile riser # 98126 is 6 3/4" high. It is no longer available and is replaced by OSCO 9015 which is 8 1/4" high.



S/S plate



1. **8125** **Manifold.** Fits 454 - 502 cu.in. GM big block V8 engines. Replaces Crusader # 98125.
2. **8125-MK** **Mounting Kit, Manifold.** Fits 8125 manifold. Includes CW-GH gasket and mounting hardware.
3. **CW-GH** **Gasket, manifold** to cylinder head. Included in 8125-MK. Replaces Crusader # 96653.
4. **9015*** **Riser, 4" exhaust outlet, 10° down angle.** Replaces Crusader #'s RO29015 and 98126. **See Note Above*.** Use mounting kit 9015-MK.
5. **9015-MK** **Mounting Kit, riser.** Fits 9015 riser. Includes 9015-G gasket and mounting hardware.
6. **9015-G** **Gasket, riser.** Included in 9015-MK. Replaces Crusader # 98127.
7. **8128** **Spacer, 4".** Replaces Crusader # 98128. Use mounting kit 8128-MK.
8. **8128-MK** **Mounting Kit, spacer.** Mounts the 8128 spacer to the 8125 manifold. Includes (2) 9015-G gaskets and mounting hardware. *The 9015 riser will require its own mounting kit.*
9. **8124** **Stainless Plate, block-off.** Replaces Crusader # 98124. Requires (2) 9015-G gaskets per plate.
10. **7854** **Water Fitting, 90° elbow.** 1" MPT x 1 1/4" hose barb. Replaces Crusader # 97854. (1) required for a raw water cooled manifold and (2) required for a fresh water cooled manifold.
11. **F68CS** **Water Fitting, Straight.** 3/4" MPT x 1" hose barb. Replaces Crusader # 97911. For risers / elbows.

OEM Style Replacements for:

CRUSADER

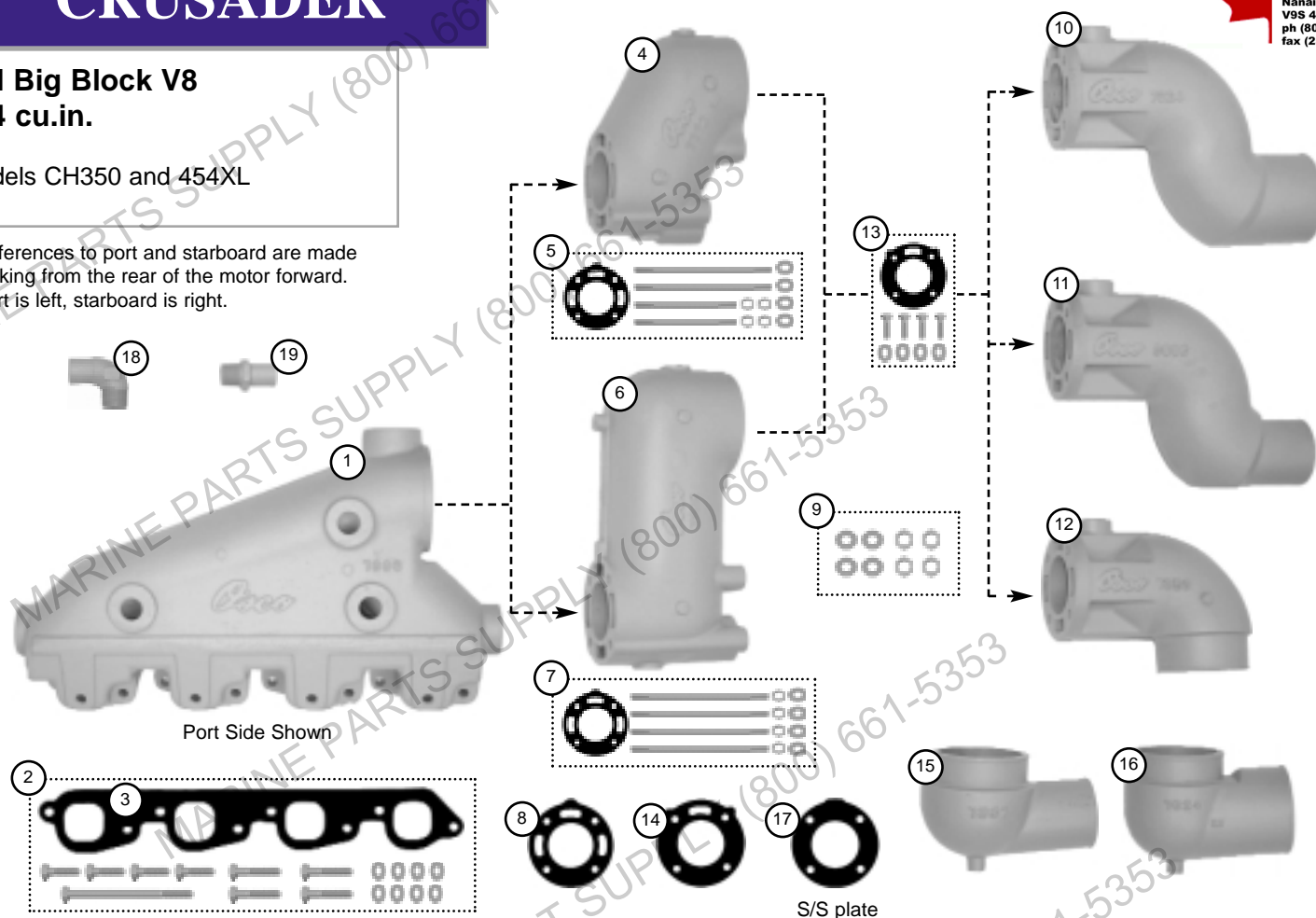
Necessary pipe plugs are included.



GM Big Block V8 454 cu.in.

Models CH350 and 454XL

References to port and starboard are made looking from the rear of the motor forward. Port is left, starboard is right.



1. **7992** **Manifold, starboard.** Fits 454 cu.in. GM big block V8 engines. Replaces Crusader # 97992 and 97114*.
1. **7993** **Manifold, port.** Fits 454 cu.in. GM big block V8 engines. Replaces Crusader #97993 and 97115*.
2. **799-MK** **Mounting Kit, manifold.** Fits 7992 / 7993 manifolds. Includes CW-GH gasket and mounting hardware.
3. **CW-GH** **Gasket, manifold to cylinder head.** Included in 799-MK. Replaces Crusader # 96653.
4. **7772** **Riser, 4".** Replaces Crusader # 97772. Use mounting kit 7772-MK.
5. **7772-MK** **Mounting Kit, riser.** Fits 7772 riser. Includes 6108 gasket and mounting hardware.
6. **7169** **Riser, 8".** Replaces Crusader # 97169. Use mounting kit 7169-MK.
7. **7169-MK** **Mounting Kit, riser.** Fits 7169 riser. Includes 6108 gasket and mounting hardware.
8. **6108** **Gasket, riser, 3 holes for water.** Used at manifold with risers 7772 and 7169. Included in 7169-MK and 7772-MK. Replaces Crusader # 96108. Tech tips page 75 and 79.
9. **NWK** **Nut and Washer Kit.** 4 each sealing washer and locking nuts. Replace after each removal.
10. **7924** **Elbow, 4" outlet.** Replaces Crusader # 97924. Use mounting kit 6562-MK.
11. **8068** **Elbow, 3" outlet.** Replaces Crusader # 98068. Use mounting kit 6562-MK.
12. **7386** **Elbow, jacketed upper for swivel.** Replaces Crusader # 97386. Use mounting kit 6562-MK.
13. **6562-MK** **Mounting Kit, elbow.** Fits 7924, 8068, and 7386. Includes 6562 gasket and mounting hardware.
14. **6562** **Gasket, elbow, 1 hole for water.** Used with elbows 7924, 8068 and 7386. Included in 6562-MK. Replaces Crusader # 96562. Tech tips page 75 and 79.
15. **7387** **Elbow, lower swivel with 3" outlet.** Replaces Crusader # 97387.
16. **7624** **Elbow, lower swivel with 4" outlet.** Replaces Crusader # 97624.
17. **7296** **Stainless Plate, block off.** Separates fresh water from raw water. Requires (1) plate and (2) each 6562 or 6108 gaskets per manifold. Replaces Crusader # 97296. Tech tips page 75 and 79.
18. **7854** **Water Fitting, 90° elbow.** 1" MPT x 1/4" hose barb. Replaces Crusader # 97854. (1) required for a raw water cooled manifold and (2) required for a fresh water cooled manifold.
19. **F68CS** **Water Fitting, straight.** 3/4" MPT X 1" hose barb. Replaces Crusader # 97911. For risers / elbows.

*Requires one water fitting 7854 per hose connection.

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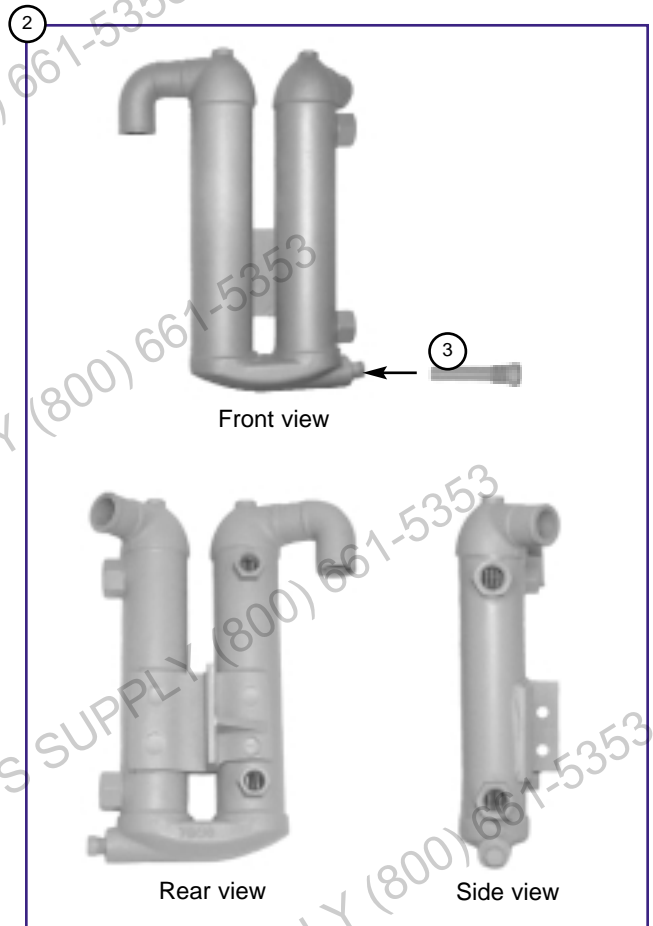
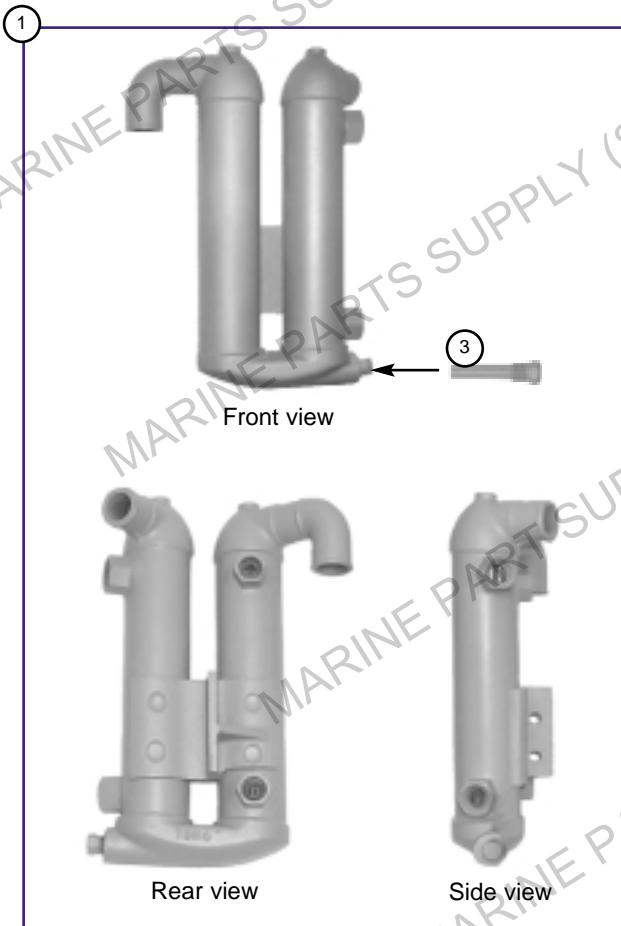
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CRUSADER

Oil Coolers 21

**U-Cooler for both engine
and transmission oil.**



1. **2209-49 U-Cooler.** Replaces Crusader # 98123 (XL models) with inverted flare oil hose fittings. Engineered for use with standard Velvet Drive and 5000 series Warner transmissions.
2. **2209-89 U-Cooler.** Replaces Crusader # 97878 with pipe thread oil hose fittings. Engineered for use with standard Velvet Drive and 5000 series Warner transmissions.
3. **2209-ZP Zinc Pencil.** Included with the 2209 series U-coolers.



OEM Style Replacements for:

CHRYSLER

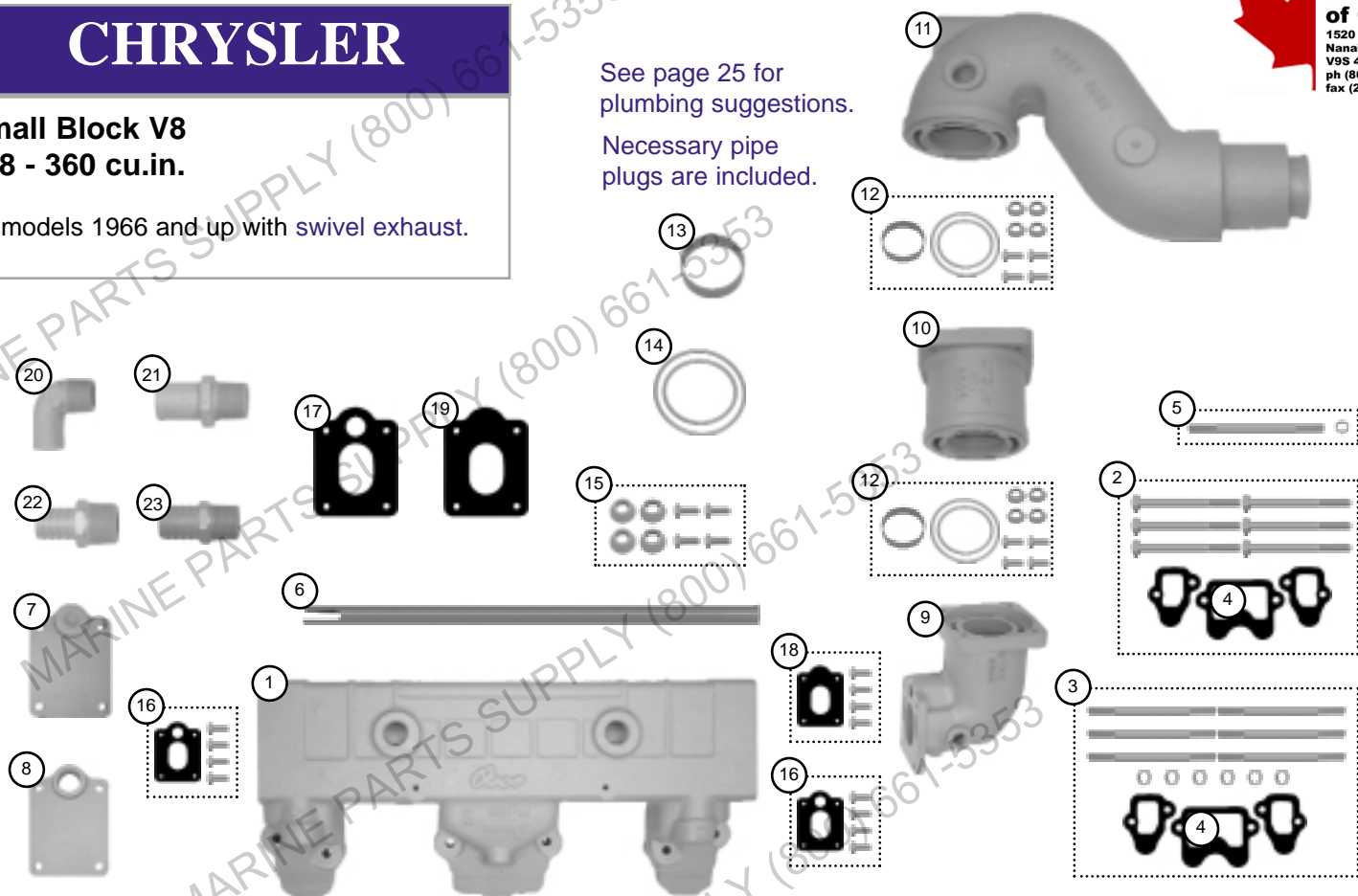
**Small Block V8
318 - 360 cu.in.**

All models 1966 and up with swivel exhaust.

See page 25 for plumbing suggestions.

Necessary pipe plugs are included.

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1. **826** **Manifold.** Fits 318 - 360 cu.in. Chrysler small block V8 engines. Exact replacement for Chrysler #'s 24695566 and 3675826.
2. **826-MK** **Mounting Kit, manifold.** Fits 826 manifold. Includes 826-GH gasket and mounting hardware.
3. **826-MK-SS** **Mounting Kit, manifold.** Fits 826 manifold. Includes 826-GH gasket and stainless studs and nuts.
4. **826-GH** **Gasket, manifold to cylinder head.** 3 pieces.
5. **826-SS** **Stud and Nut Set, stainless steel.** Sold individually.
6. **557** **Water Distribution Tube.** Fits 826 manifold. See page 25 for information on water distribution tubes.
7. **106** **Front Plate, no hole for water fitting.** Fits 826 manifold. Replaces Chrysler # 2846104. Use mounting kit 480-MK or 480-MK-FW.
8. **106-T** **Front Plate, with 3/4" IPT hole for water fitting.** Fits 826 manifold. Replaces Chrysler # 3527896. Use mounting kit 480-MK.
9. **0402** **Elbow, lower.** For swivel exhaust. Replaces Chrysler # 2600402. Use mounting kit 480-MK or 480-MK-FW.
10. **4-EXT** **Extension, 4".** For swivel exhaust. Use mounting kit 7087-MK.
11. **5639** **Riser, swivel, 3" exhaust outlet, 0° down angle.** Replaces Chrysler #'s 2847404, 2847623, 3745639, and E9923M. Use mounting kit 7087-MK.
12. **7087-MK** **Mounting Kit, swivel elbow and extension.** Includes 7087, 7087-OR and 5639-CL. Tech tip page 78.
13. **7087** **Stainless Sleeve, exhaust.** Replaces Chrysler #'s 3527087 and E9924M.
14. **7087-OR** **O-Ring, set.** Includes 1 each inner and outer O-rings. Replaces Chrysler #'s 9225 and 9226. Tech tip page 78.
15. **5639-CL** **Clamp, set.** Includes 4 each clamp and bolt. Used to attach 5639 to 4-EXT or 0402. Tech tip page 78.
16. **480-MK** **Mounting Kit.** Fits 106, 106-T, and 0402. Includes 480 gasket and mounting hardware.
17. **480** **Gasket, Open.** Fits end plates and elbow. Allows water to pass through into the elbow. The 480 gasket has only one hole for water. **Do not modify gasket.** Tech tip page 78.
18. **480-MK-FW** **Mounting Kit.** Fits 106, and 0402. Includes 480-FW gasket and mounting hardware.
19. **480-FW** **Gasket, Blocked.** Fits 826 manifold. Blocks all water flow. Tech tip page 78.
20. **F68C9** **Water Fitting, 90° elbow.** 3/4" MPT x 1" hose barb. For 106-T, 826 and 5639.
21. **F68CS** **Water Fitting, straight.** 3/4" MPT x 1" hose barb. For 106-T, 826 and 5639.
22. **F66CS** **Water Fitting, straight.** 3/4" MPT x 3/4" hose barb. For 106-T, 826 and 5639.
23. **F46CS** **Water Fitting, straight.** 1/2" MPT x 3/4" hose barb. For 0402 elbow.

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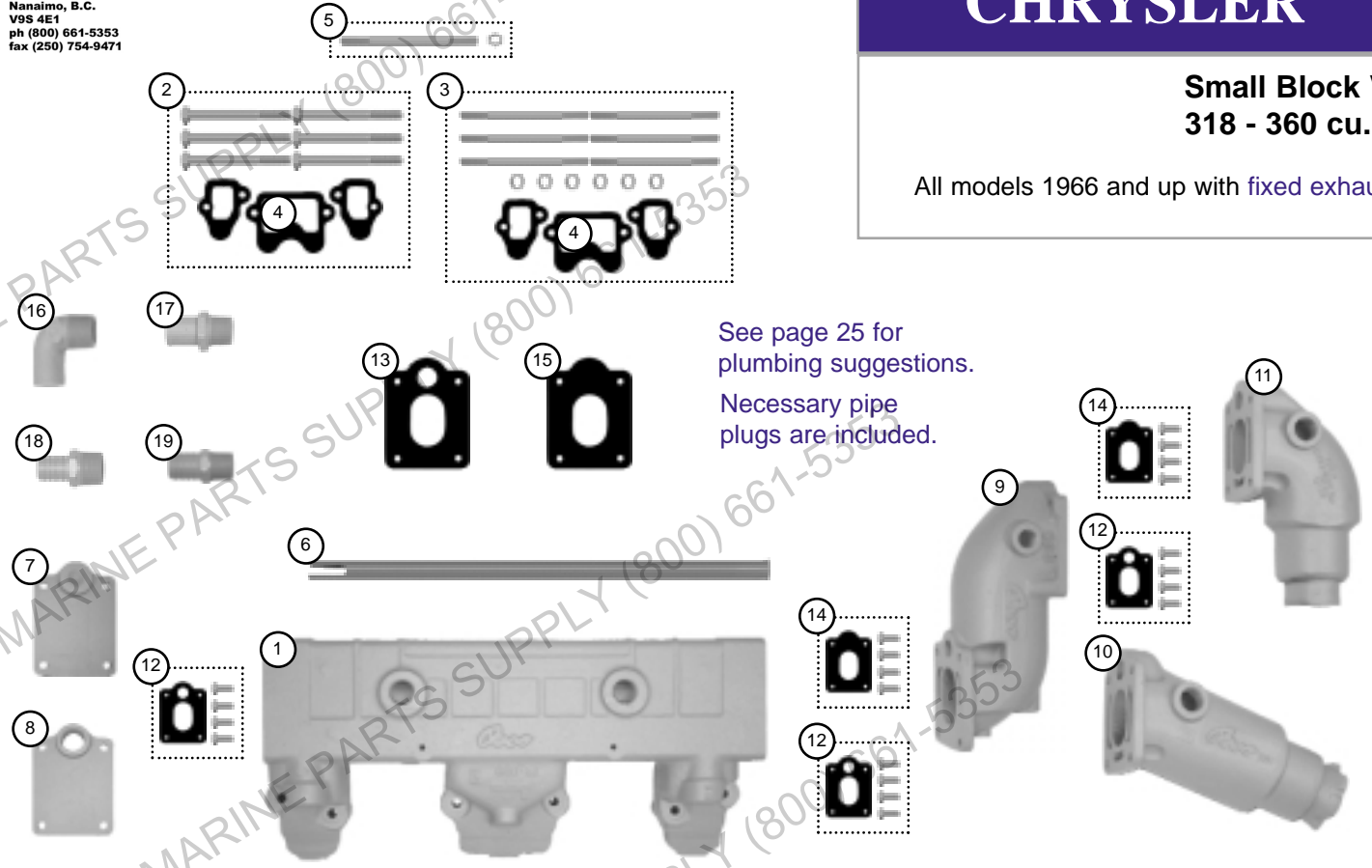
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**Small Block V8
318 - 360 cu.in.**

All models 1966 and up with fixed exhaust.



See page 25 for plumbing suggestions.

Necessary pipe plugs are included.

1. **826** **Manifold.** Fits 318 - 360 cu.in. Chrysler small block V8 engines. Exact replacement for Chrysler #'s 24695566 and 3675826.
2. **826-MK** **Mounting Kit, manifold.** Fits 826 manifold. Includes 826-GH gasket and mounting hardware.
3. **826-MK-SS** **Mounting Kit, manifold.** Fits 826 manifold. Includes 826-GH gasket and stainless studs and nuts.
4. **826-GH** **Gasket, manifold to cylinder head.** 3 pieces.
5. **826-SS** **Stud and Nut Set, stainless steel.** Sold individually.
6. **557** **Water Distribution Tube.** Fits 826 manifold. See page 25 for information on water distribution tubes.
7. **106** **Front Plate, no hole for water fitting.** Fits 826 manifold. Replaces Chrysler # 2846104. Use mounting kit 480-MK or 480-MK-FW.
8. **106-T** **Front Plate, with 3/4" IPT hole for water fitting.** Fits 826 manifold. Replaces Chrysler # 3527896. Use mounting kit 480-MK.
9. **689** **Riser.** Used with 639 and 794 elbows. Replaces Chrysler # 2846689. Use mounting kit 480-MK or 480-MK-FW.
10. **794** **Elbow, 3" exhaust outlet, 20° down angle.** Used for inboard applications. Replaces Chrysler # 3527794. Use mounting kit 480-MK or 480-MK-FW.
11. **639** **Elbow, 3" exhaust outlet, 90° down angle.** Used for inboard/outboard applications. Replaces Chrysler #'s 2469639 and 2847405. Use mounting kit 480-MK or 480-MK-FW.
12. **480-MK** **Mounting Kit.** Fits 106, 106-T, 689, 639, 794, and 0402. Includes 480 gasket and mounting hardware.
13. **480** **Gasket, Open.** Fits end plates, riser, and elbows. Allows water to pass through into riser or elbow. The 480 gasket has only one hole for water. **Do not modify gasket.** Tech tip page 78.
14. **480-MK-FW** **Mounting Kit.** Fits 106, 689, 639, 794, and 0402. Includes 480-FW gasket and mounting hardware.
15. **480-FW** **Gasket, Blocked.** Fits end plates, risers, and elbows. Blocks all water flow. Tech tip page 78.
16. **F68C9** **Water Fitting, 90° elbow.** 3/4" MPT x 1" hose barb. For 106-T, 639, 794 and 826.
17. **F68CS** **Water Fitting, straight.** 3/4" MPT x 1" hose barb. For 106-T, 639, 794 and 826.
18. **F66CS** **Water Fitting, straight.** 3/4" MPT x 3/4" hose barb. For 106-T, 639, 794 and 826.
19. **F46CS** **Water Fitting, straight.** 1/2" MPT x 3/4" hose barb. For 689 riser.



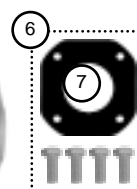
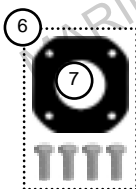
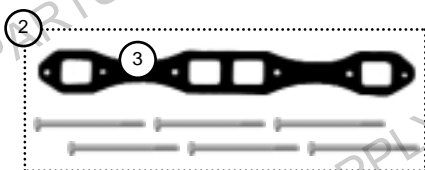
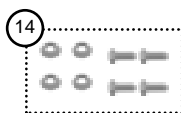
CHRYSLER

Big Block V8 383 - 440 cu.in.

All models except 413 "E" with staggered bolt pattern.

Necessary pipe plugs are included.

See page 25 for plumbing suggestions.



1. **7081** **Manifold.** Fits 383 - 440 cu.in. Chrysler big block V8 engines. Replaces Chrysler # E7081M and 3619659.
2. **7081-MK** **Mounting Kit,** manifold. Fits 7081 manifold. Includes 7081 gasket and mounting hardware.
3. **7081-GH** **Gasket,** manifold to cylinder head. Fits 7081 manifold. Included in 7081-MK.
4. **424** **Water Distribution Tube.** See page 25 for information on water distribution tubes.
5. **150** **Front Plate,** fits 7081 manifold. Use mounting kit 121-MK.
6. **121-MK** **Mounting Kit,** for 150 and 9234. Includes 121 gasket and mounting hardware.
7. **121** **Gasket.** Fits both ends of 7081. Included in 121-MK. The 121 gasket intentionally has no holes for water flow. **Do not modify gasket.**
8. **9234** **Elbow,** lower. For swivel exhaust. Replaces Chrysler # E9234M. Use mounting kit 121-MK.
9. **4-EXT** **Extension,** 4". For swivel exhaust. Use mounting kit 7087-MK.
10. **5639** **Riser,** swivel, 3" exhaust outlet, 0° down angle. Replaces Chrysler #'s 2847404, 2847623, 3745639, and E9923M. Use mounting kit 7087-MK.
11. **7087-MK** **Mounting Kit,** swivel elbow and extension. Includes 7087, 7087-OR and 5639-CL. Tech tip page 78.
12. **7087** **Stainless Sleeve,** exhaust. Replaces Chrysler #'s 3527087 and E9924M. Included in 7087-MK.
13. **7087-OR** **O-Ring,** set. Includes 1 each inner and outer O-rings. Replaces Chrysler #'s 9225 and 9226. Included in 7087-MK. Tech tip page 78.
14. **5639-CL** **Clamp,** set. Includes 4 each clamp and bolt. Used to attach 5639 to 4-EXT or 9234. Included in 7087-MK. Tech tip page 78.
15. **F68C9** **Water Fitting,** 90° elbow. 3/4" MPT x 1" hose barb. For 7081 and 5639.
16. **F68CS** **Water Fitting,** straight. 3/4" MPT x 1" hose barb. For 7081 and 5639.
17. **F66CS** **Water Fitting,** straight. 3/4" MPT x 3/4" hose barb. For 7081 and 5639.
18. **F46CS** **Water Fitting,** straight. 1/2" MPT x 3/4" hose barb. For 9234.



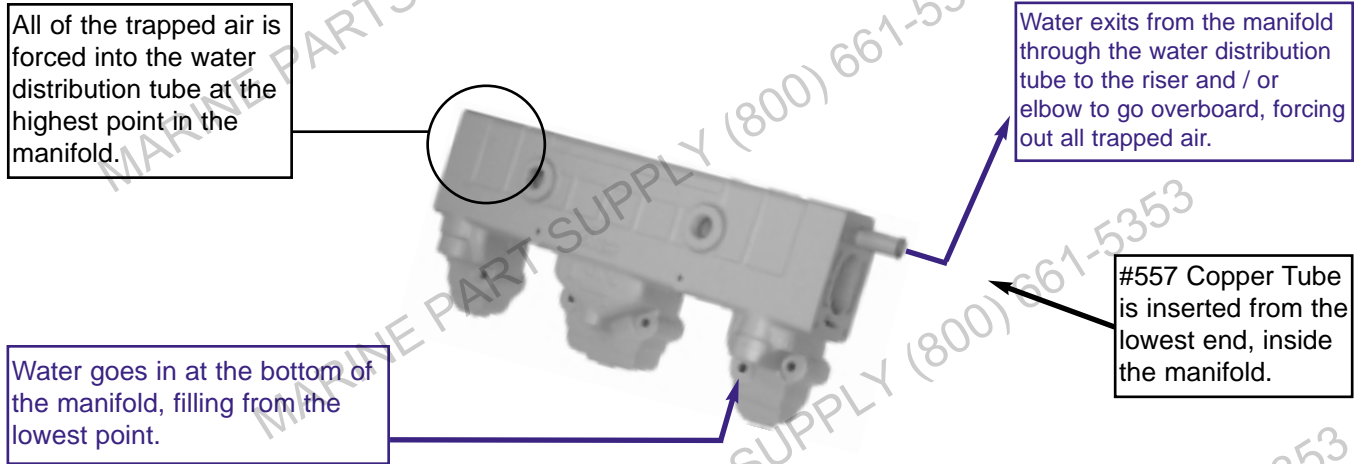
Installation of Water Distribution Tubes

The water distribution tube is required when the engine sits on a steep angle. Its purpose is to remove the air that gets trapped in the manifold, causing the manifolds to run hot and steam. It also increases the circulation of the cooling water in the manifold. The tube is inserted from the exhaust outlet end and is almost as long as the manifold itself. Neither tube has holes drilled in them. The #557 has two slots cut into one end, the #424 has no slots. **Do Not** fill from the front of the manifold as this will send the water down the tube and overboard without cooling the manifold. Block the water flow at the front of the manifold with a 3/4" pipe plug or a #106 front plate on the # 826. Fill the manifold from the lowest 3/4" IPT port on the bottom rear inlet of the manifold. Filling the manifold from the lowest point forces all air into the water distribution tube that would otherwise be trapped in the manifold. This allows the manifold to stay full of water and to circulate fully. The water then flows out of the manifold via the water distribution tube into the exhaust riser or elbow to be discharged overboard.

Do not modify gaskets. They are designed to allow proper water flow.
 See pages 74-79 for technical tips.

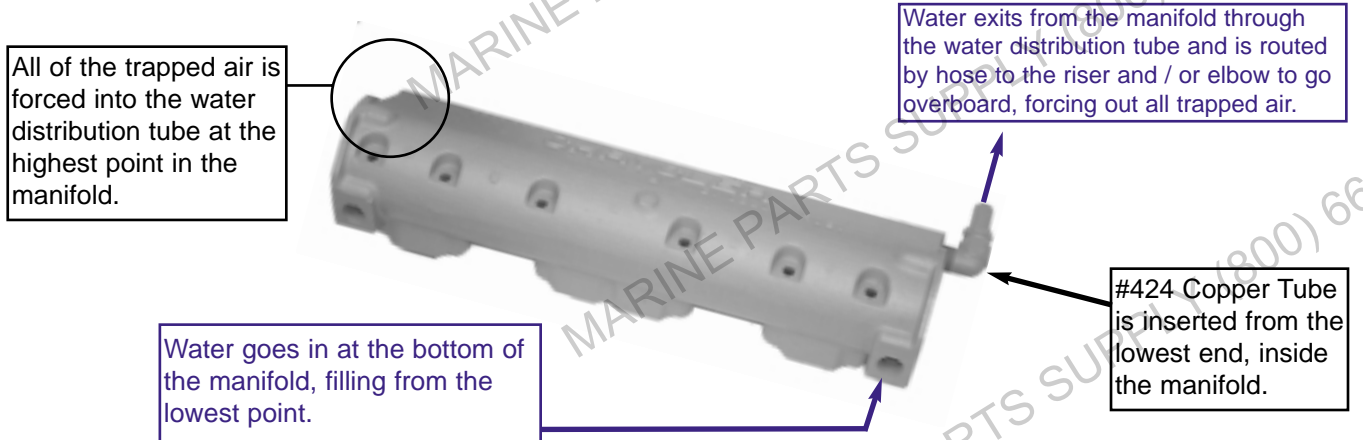
Chrysler 318 - 360 manifold # 826

(The #557 Water Distribution Tube is for use in raw water cooled applications only.)



Chrysler 383 - 440 manifold # 7081

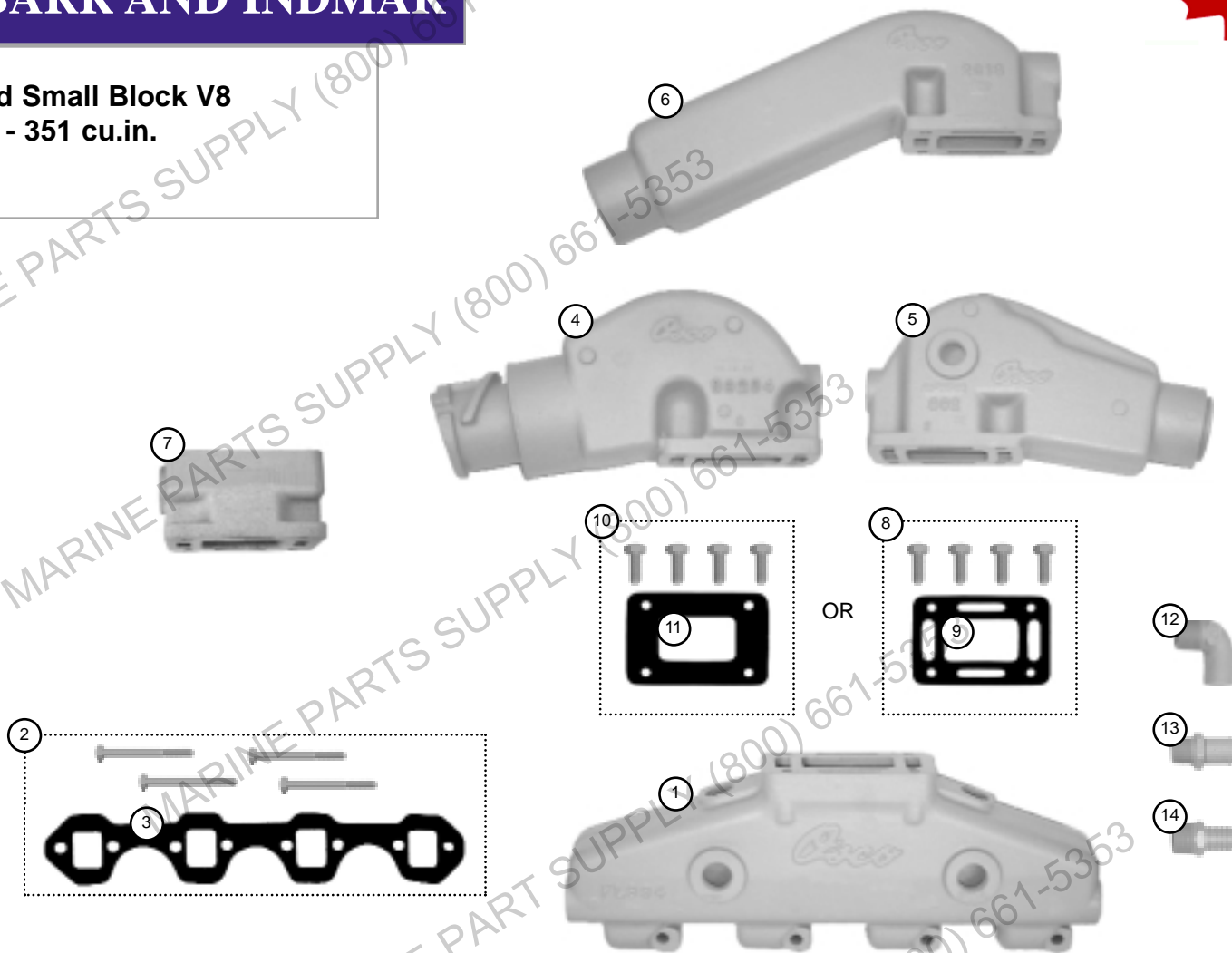
(The diagram below shows the #424 Water Distribution Tube plumed for raw water cooled applications.)



BARR AND INDMAR

**Ford Small Block V8
 302 - 351 cu.in.**

Necessary pipe plugs are included.



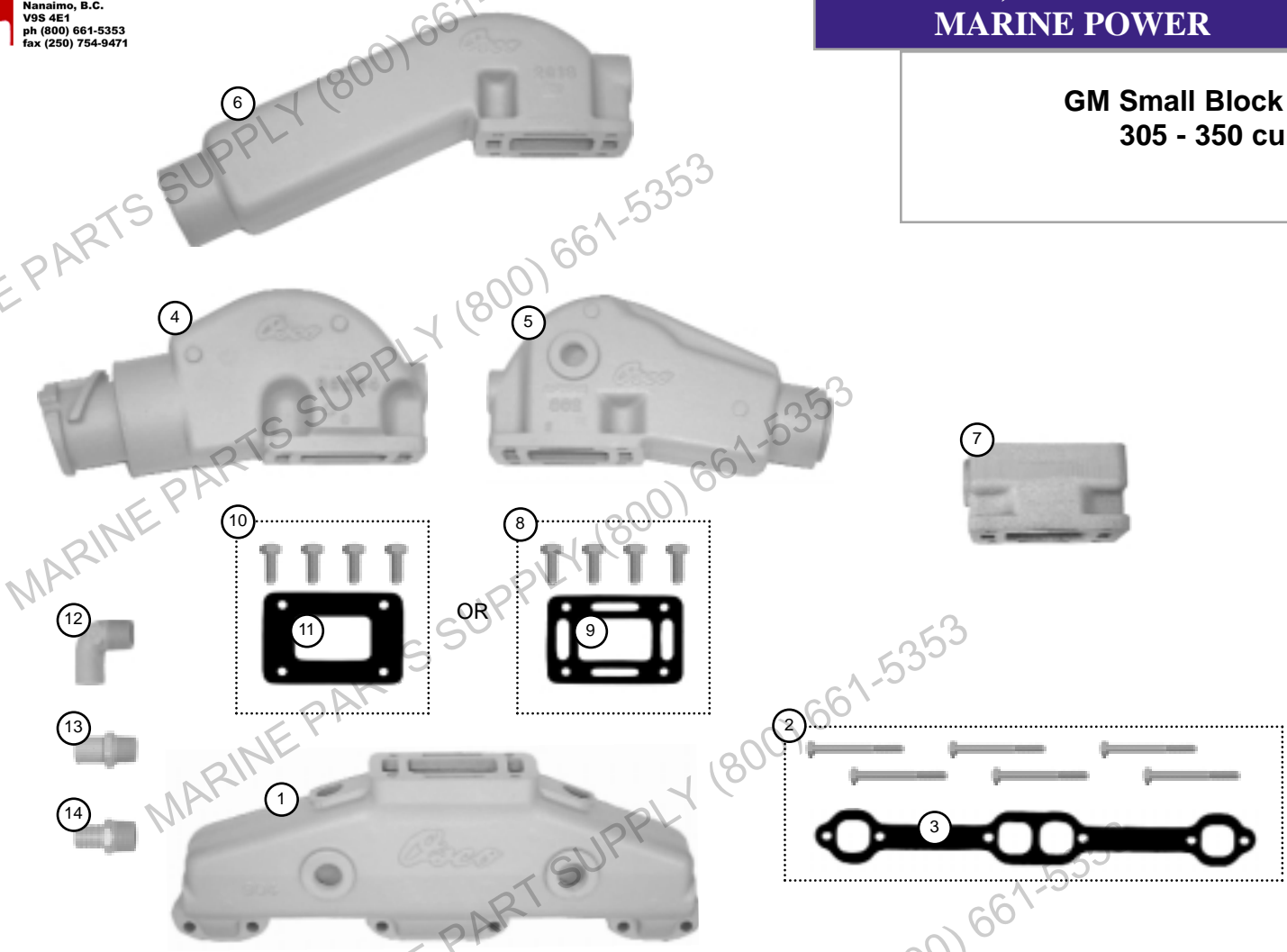
1. **FL994** **Manifold.** Fits 302 - 351 cu.in. Ford small block V8 engines. Replaces Barr # FM-1-83 and Indmar # 53-2008. Use mounting kit FL994-MK.
2. **FL994-MK** **Mounting Kit,** manifold. Fits FL994 manifold. Includes FL-GH gasket and mounting hardware.
3. **FL-GH** **Gasket,** manifold to cylinder head. Included in FL994-MK mounting kit.
4. **99204** **Riser,** 4" outlet, 10° down angle. Replaces Barr # 20-0100. Use mounting kit 992-MK or 992-MK-FW.
5. **992** **Riser,** 3" outlet, 10° down angle. Replaces Barr # 20-0082. Use mounting kit 992-MK or 992-MK-FW.
6. **2018** **Riser,** 3" outlet, 30° down angle. Replaces Barr # 20-0102 and Indmar #'s 53-2009 and 53-2018. Use mounting kit 992-MK or 992-MK-FW.
7. **994-S3** **Spacer,** 3". Fits FL994 manifold. Replaces Barr # 20-0097. Use mounting kit 992-MK or 992-MK-FW. *Riser #'s 2018, 992 and 99204 will require their own mounting kit.*
8. **992-MK** **Mounting Kit,** riser and spacer. Open. Fits riser #'s 992, 99204, and 2018 and 994-S3 spacer. Includes 992-G open gasket and mounting hardware.
9. **992-G** **Gasket,** riser. Open. Fits 992, 99204, and 2018 risers and 994-S3 spacer. Replaces Barr # 1-0107. Included in 992-MK mounting kit.
10. **992-MK-FW** **Mounting Kit,** riser. Blocked. Fits 992, 99204, and 2018 risers and 994-S3 spacer. Includes 992-G-FW blocked gasket and mounting hardware.
11. **992-G-FW** **Gasket,** riser. Blocked. Fits 992, 99204, and 2018 risers and 994-S3 spacer. Replaces Barr # 1-0105. Included in 992-MK-FW mounting kit.
12. **F68C9** **Water Fitting,** 90° elbow. 3/4" MPT x 1" hose barb.
13. **F68CS** **Water Fitting,** straight. 3/4" MPT x 1" hose barb.
14. **F66CS** **Water Fitting,** straight. 3/4" MPT x 3/4" hose barb.



BARR, INDMAR AND MARINE POWER

**GM Small Block V8
 305 - 350 cu.in.**

Necessary pipe plugs are included.



- 1. **994** **Manifold.** Fits 305 - 350 cu.in. GM Small Block V8 engines. Replaces Barr # CHV-1-83 and Marine Power # 0994-000. Use mounting kit 994-MK.
- 2. **994-MK** **Mounting Kit,** manifold. Fits 994 manifold. Includes CV-GH gasket and mounting hardware.
- 3. **CV-GH** **Gasket,** manifold to cylinder head. Included in 994-MK mounting kit.
- 4. **99204** **Riser,** 4" outlet, 10° down angle. Replaces Barr # 20-0100 and Marine Power # 0992-593. Use mounting kit 992-MK or 992-MK-FW.
- 5. **992** **Riser,** 3" outlet, 10° down angle. Replaces Barr # 20-0082 and Marine Power # 0992-000. Use mounting kit 992-MK or 992-MK-FW.
- 6. **2018** **Riser,** 3" outlet, 30° down angle. Replaces Barr # 20-0102 and Indmar #'s 53-2009 and 53-2018. Use mounting kit 992-MK or 992-MK-FW.
- 7. **994-S3** **Spacer,** 3". Fits 994 manifold. Replaces Barr # 20-0097. Use mounting kit 992-MK or 992-MK-FW. *Riser #'s 2018, 992 and 99204 will require their own mounting kit.*
- 8. **992-MK** **Mounting Kit,** riser and spacer. Open. Fits riser #'s 992, 99204, and 2018 and 994-S3 spacer. Includes 992-G open gasket and mounting hardware.
- 9. **992-G** **Gasket,** riser. Open. Fits 992, 99204, and 2018 risers and 994-S3 spacer. Replaces Barr # 1-0107. Included in 992-MK
- 10. **992-MK-FW** **Mounting Kit,** riser. Blocked. Fits 992, 99204, and 2018 risers and 994-S3 spacer. Includes 992-G-FW blocked gasket and mounting hardware.
- 11. **992-G-FW** **Gasket,** riser. Blocked. Fits 992, 99204, and 2018 risers and 994-S3 spacer. Replaces Barr # 1-0105. Included in 992-MK-FW.
- 12. **F68C9** **Water Fitting,** 90° elbow. 3/4" MPT x 1" hose barb.
- 13. **F68CS** **Water Fitting,** straight. 3/4" MPT x 1" hose barb.
- 14. **F66CS** **Water Fitting,** straight. 3/4" MPT x 3/4" hose barb.



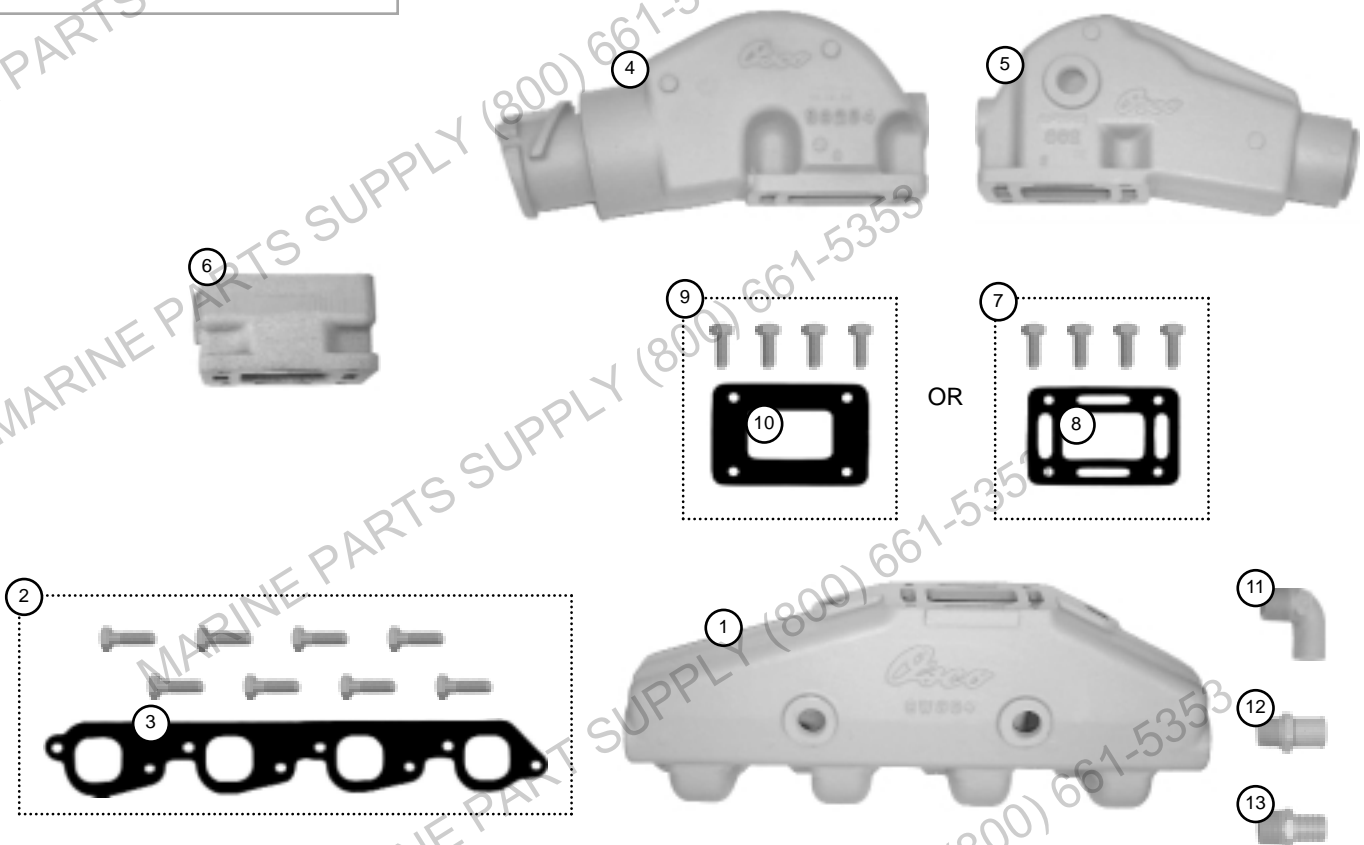
BARR AND MARINE POWER

**GM Big Block V8
 454 cu.in.**

Necessary pipe plugs are included.

28

28



- 1. **CW994** **Manifold.** Fits 454 cu.in. GM big block V8 engines. Replaces Barr # CHVA-1-84 and Marine Power # 0991-110. Use mounting kit CW994-MK.
- 2. **CW994-MK** **Mounting Kit,** manifold. Includes CW-GH gasket and mounting hardware.
- 3. **CW-GH** **Gasket,** manifold to cylinder head. Fits 454 cu.in. GM engines. Included in CW994-MK.
- 4. **99204** **Riser,** 4" outlet, 10° down angle. Replaces Barr # 20-0100 and Marine Power # 0992-593. Use mounting kit 992-MK or 992-MK-FW.
- 5. **992** **Riser,** 3" outlet, 10° down angle. Replaces Barr # 20-0082 and Marine Power # 0992-000. Use mounting kit 992-MK or 992-MK-FW.
- 6. **994-S3** **Spacer,** 3". Fits CW994 manifold. Replaces Barr # 20-0097. Use mounting kit 992-MK or 992-MK-FW. *Riser #'s 992 and 99204 will require their own mounting kit.*
- 7. **992-MK** **Mounting Kit,** riser and spacer. Open. Fits riser #'s 992, 99204 and 994-S3 spacer. Includes 992-G open gasket and mounting hardware.
- 8. **992-G** **Gasket,** riser. Open. Fits 992, 99204 risers and 994-S3 spacer. Included in 992-MK. Replaces Barr # 1-0107.
- 9. **992-MK-FW** **Mounting Kit,** riser. Blocked. Fits 992, 99204 risers and 994-S3 spacer. Includes 992-G-FW blocked gasket and mounting hardware.
- 10. **992-G-FW** **Gasket,** riser. Blocked. Fits 992, 99204 risers and 994-S3 spacer. Included in 992-MK-FW. Replaces Barr # 1-0105.
- 11. **F68C9** **Water Fitting,** 90° elbow. 3/4" MPT x 1" hose barb.
- 12. **F68CS** **Water Fitting,** straight. 3/4" MPT x 1" hose barb.
- 13. **F66CS** **Water Fitting,** straight. 3/4" MPT x 3/4" hose barb.

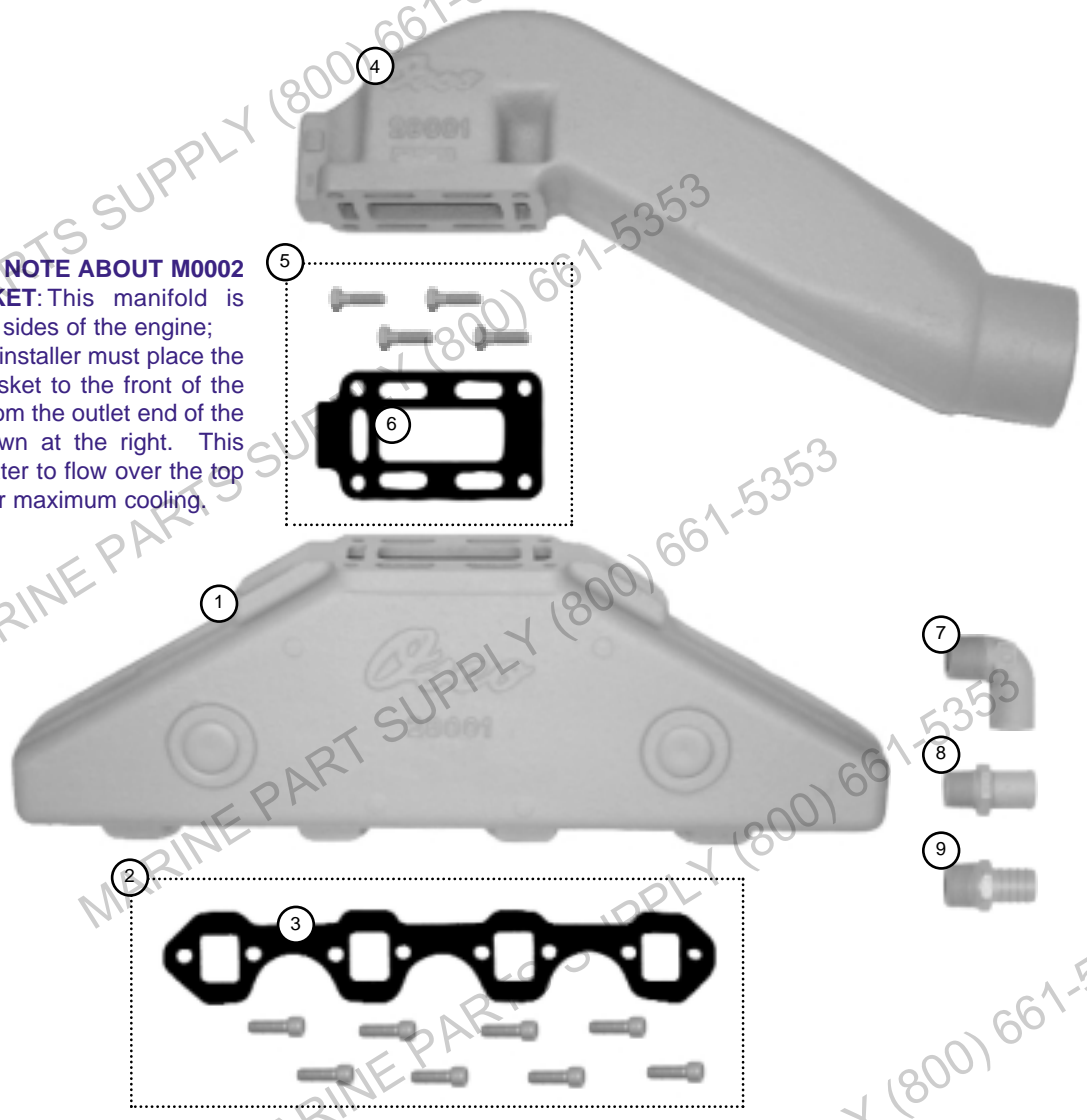


PLEASURECRAFT

**Ford Small Block V8
302 and 351 cu.in.**

Necessary pipe plugs are included.

IMPORTANT NOTE ABOUT M0002 RISER GASKET: This manifold is used on both sides of the engine; therefore the installer must place the tab of the gasket to the front of the riser, away from the outlet end of the riser, as shown at the right. This forces the water to flow over the top of the riser for maximum cooling.



- 1. **28001** **Manifold.** Fits 302 and 351 cu.in. Ford small block V8 engines. Replaces Pleasurecraft # RO28001. Fits both sides of the engine. Use mounting kit 28001-MK.
- 2. **28001-MK** **Mounting Kit,** manifold. Fits 28001 manifold. Includes FL-GH gasket and mounting hardware.
- 3. **FL-GH** **Gasket,** manifold to cylinder head. Fits Ford 302-351 cu.in. engines. Included in 28001-MK.
- 4. **29001*** **Riser,** 3" outlet. Replaces Pleasurecraft # RO29001. Use mounting kit 29001-MK.
- 5. **29001-MK** **Mounting Kit,** riser. Includes M0002 gasket and mounting hardware.
- 6. **M0002** **Gasket,** riser to manifold. Included in 29001-MK. Replaces Pleasurecraft # RM0002. **See note above.**
- 7. **F68C9** **Water Fitting,** 90° elbow. 3/4" MPT x 1" hose barb.
- 8. **F68CS** **Water Fitting,** straight. 3/4" MPT x 1" hose barb.
- 9. **F66CS** **Water Fitting,** straight. 3/4" MPT x 3/4" hose barb.

* 29001 riser is used on both Ford and GM center riser style Pleasurecraft manifolds. Osco only offers the Ford manifold.



OEM Style Replacements for:

VOLVO

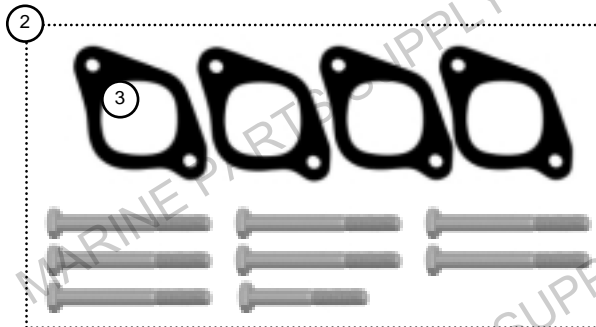
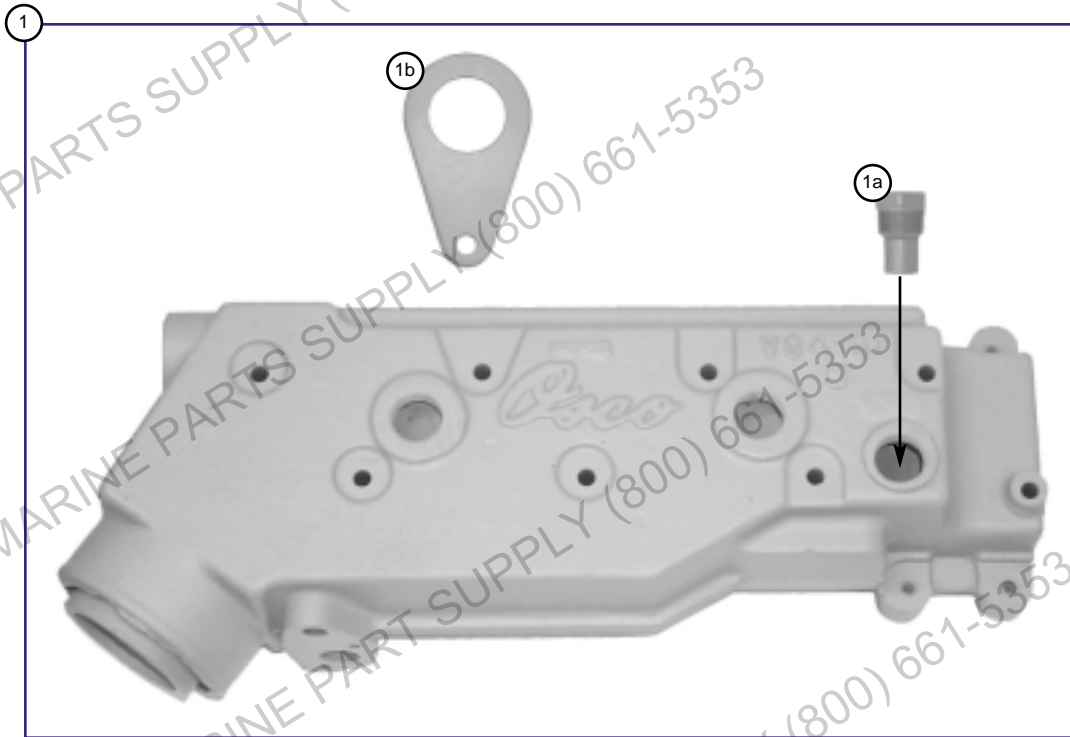
Volvo Four Cylinder B20 2.3 and 2.5 liter

Model #'s AQ 120, 125, 131, 140
145, and 151. BB 140, 145, 230 and 250

Necessary pipe plugs are included.

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OSCO has improved the original design of the VO418 to allow additional cooling water to flow through the top of the manifold, and has included a zinc pencil to help prevent electrolysis.



- 1. **VO418*** **Manifold.** Fits 2.3 and 2.5 liter Volvo four cylinder. Replaces Volvo #'s 855387-7 and 834438-4. Includes items 1a and 1b. Use mounting kit VO-MK.
- 1a. **VO-ZP*** **Zinc Pencil.** Included with the manifold. Used to help prevent electrolysis.
- 1b. **LR-V*** **Lifting Ring.** Because of OSCO's improved cooling on the VO418 manifold, a new lifting ring is provided.
- 2. **VO-MK** **Mounting Kit,** manifold. Fits VO418. Includes VO-GH and mounting hardware.
- 3. **VO-GH** **Gasket,** manifold to cylinder head. Four pieces. Included in VO-MK.

*Included with the manifold.

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Necessary pipe plugs are included.

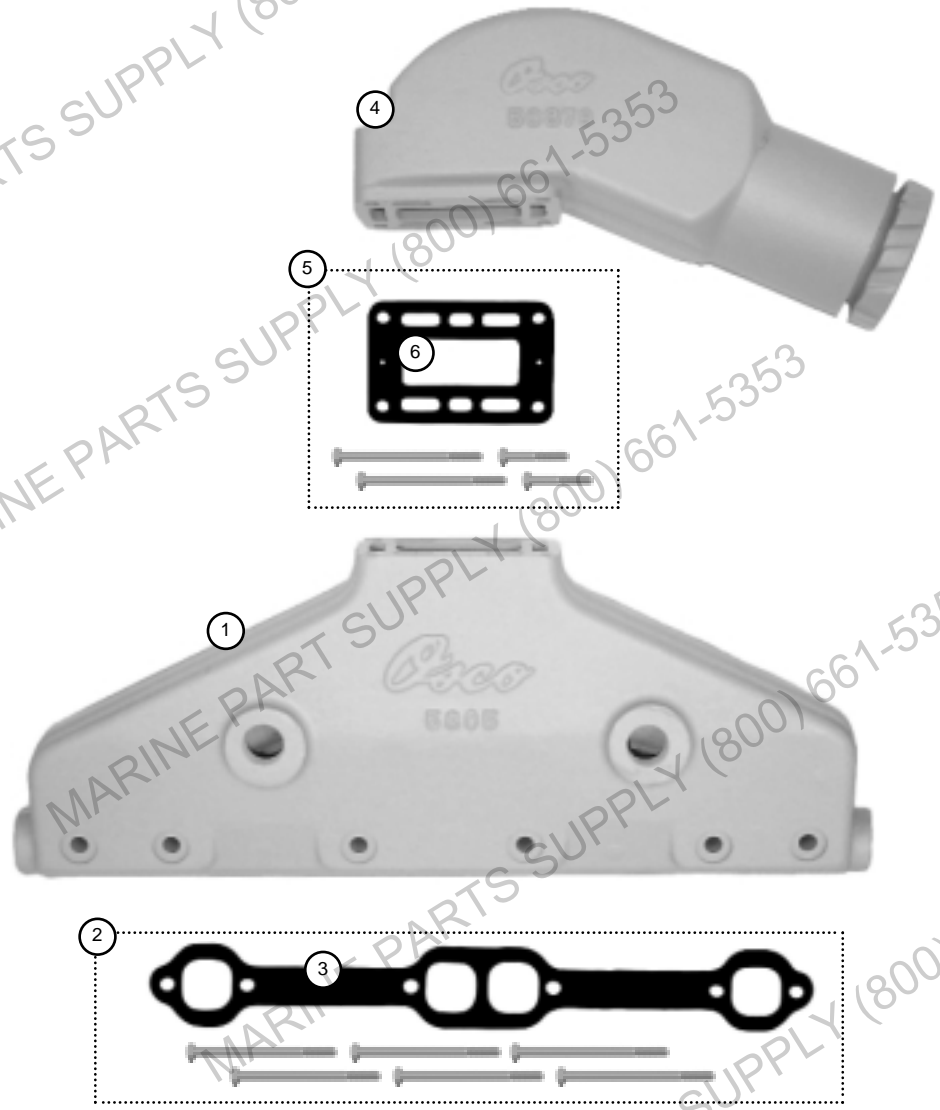
OEM Style Replacements for: Center Riser Style

VOLVO

**GM Small Block V8
305 - 350 cu.in.**

Model #'s AQ and BB 200, 205,
211, 231, 225,260, 271, 290, 311,
500, 501, 570, 571 and 572

Also see page 35 for late model VOLVO V8 manifolds.



- 1. **5805** **Manifold.** Fits 305 - 350 cu.in. GM small block V8 engines. Replaces Volvo #'s 835804, 835805, 835806 and 856883. Fits both sides of engine. Use mounting kit 5805-MK.
- 2. **5805-MK** **Mounting Kit,** manifold. Fits 5805. Includes CV-GH gasket and mounting hardware.
- 3. **CV-GH** **Gasket,** manifold to cylinder head. Included in 5805-MK.
- 4. **56879** **Riser,** 95mm (3³/₄") exhaust outlet, 30° down angle. Replaces Volvo #'s 855380, 855384, 856891, and 856879. Use mounting kit 56879-MK.
- 5. **56879-MK** **Mounting Kit,** riser. Includes 35908 gasket and mounting hardware.
- 6. **35908** **Gasket,** riser to manifold. Included in 56879-MK.



Generic Replacements for:

OMC

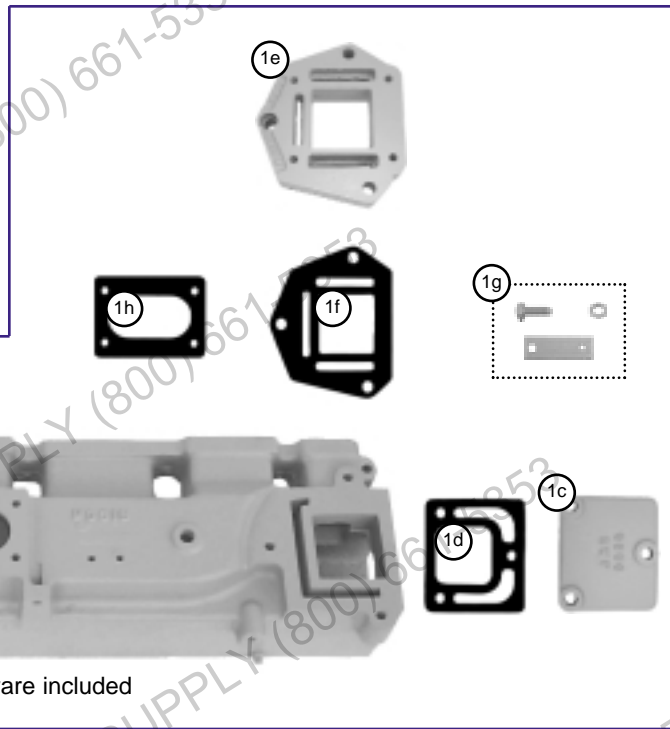
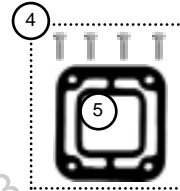
Necessary pipe plugs are included.

Marine Parts Supply of Canada
 1520 Stewart Ave
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 V9S 4E1
 ph (800) 661-5353
 fax (250) 754-9471

**GM In-Line Six Cylinder
 250 cu.in.**

Model 160, using OMC riser #s 980020 or 980188.

**DO NOT USE THIS MANIFOLD IN
 CLOSED COOLING APPLICATIONS.**



Mounting hardware included

- 1. **MO618-01*** **Manifold Assembly.** Fits 250 cu.in. GM in-line six cylinder engines equipped with OMC riser #s 980020 or 980188. For use with the 0188 riser. Includes items 1a through 1h and mounting hardware. Does not include manifold to cylinder head gasket.
- 1a. **F68N9*** **Water Fitting,** plastic 90°, 3/4" MPT x 1" hose barb.
- 1b. **BWS*** **Front Plate,** for MO618 series manifolds.
- 1c. **BWF*** **Rear Plate,** for MO618 series manifolds.
- 1d. **BG*** **Gasket,** fits both end plates.
- 1e. **MO60188*** **Riser Adapter,** adapts 0188 riser to manifold.
- 1f. **MO618-G*** **Gasket,** riser adapter to manifold.
- 1g. **MO601*** **Throttle Linkage Adapter,** to be used with existing OMC carburetor linkage. Included with MO618-01.
- 1h. **CY-MG*** **Gasket** for 2 barrel Rochester carburetor, studs measure, 3 1/4" x 1 7/8" on center. Included with MO618-01.
- 2. **CY6-GH** **Gasket,** manifold to engine cylinder head. Replaces OMC # 907932.
- 3. **0188** **Riser,** 3 3/8" outlet, 90° down angle. Replaces OMC #s 980020 and 980188. Use mounting kit # 0188-MK.
- 4. **0188-MK** **Mounting Kit,** fits riser 0188. Includes 0188-G gasket and mounting hardware to bolt riser to adapter.
- 5. **0188-G** **Gasket,** riser. Included in 0188-MK mounting kit. Replaces OMC # 908013.

* Item #s 1a through 1h are included with the manifold assembly.

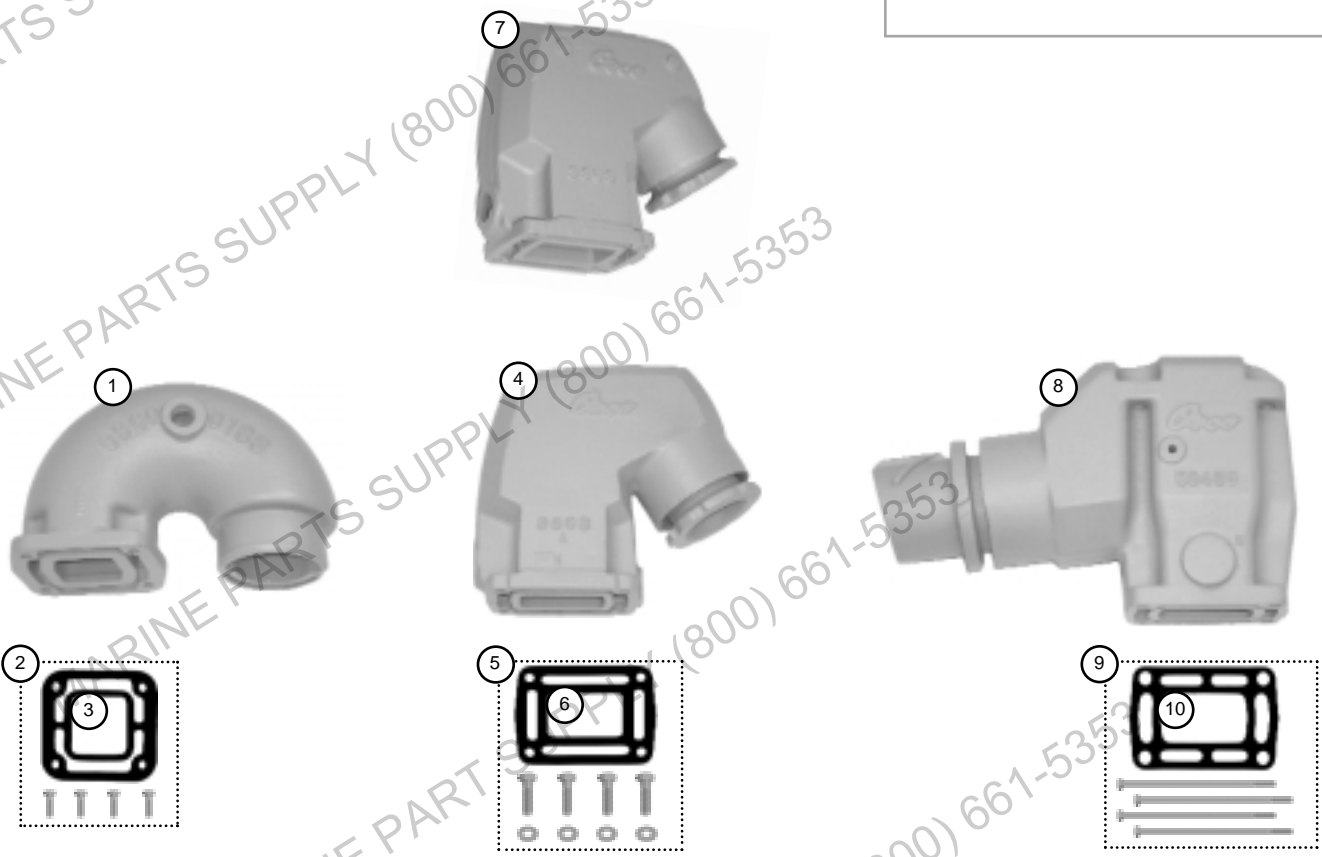


Necessary pipe plugs are included.

OEM Style Replacements for:

OMC

Risers used on multiple applications. Ford and GM.



- 1. **0188** **Riser**, 3^{3/8}" outlet, 90° down angle. Fits 4 and 6 cylinder inline engines. Replaces OMC #'s 980188 and 980020. Use mounting kit 0188-MK.
- 2. **0188-MK** **Mounting Kit**, riser. Fits 0188 riser. Includes 0188-G gasket and mounting hardware.
- 3. **0188-G** **Gasket**, riser to manifold. Included in 0188-MK. Replaces OMC # 908013.
- 4. **9863** **Riser**, 3^{1/2}" exhaust outlet 60° down angle. Fits Ford and GM V8 log style manifolds. Osco does not offer a manifold for OMC Ford applications. Replaces OMC #'s 909218, 982680 and 909863. Use mounting kit 9863-MK.
- 5. **9863-MK** **Mounting Kit**, Riser. Fits 9863 and 9863-T risers. Includes 9863-G gasket and mounting hardware.
- 6. **9863-G** **Gasket**, riser to manifold. Included in 9863-MK. Replaces OMC # 909786.
- 7. **9863-T** **Riser**, Same as 9863 but tapped to accept 3/4" MPT hose barb. Use mounting kit 9863-MK.
- 8. **50456** **Riser**, 4" exhaust outlet, 7° down angle. Fits Ford and GM V8 center riser style manifolds. Osco does not offer a manifold for OMC Ford applications. Replaces OMC #'s 913784, 3855270 and 3850456.
- 9. **50456-MK** **Mounting Kit**, riser. Fits 50456 riser. Includes 50456-G gasket and mounting hardware.
- 10. **50456-G** **Gasket**, riser to manifold. Included in 50456-MK. Replaces OMC # 913783.

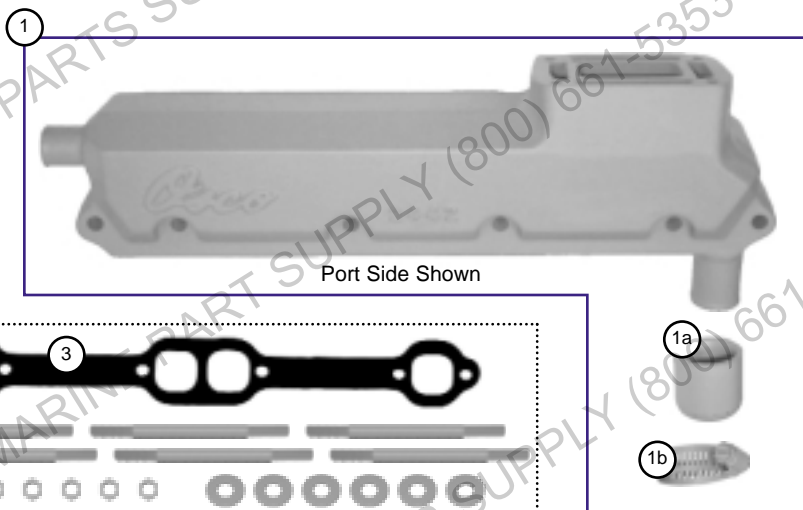
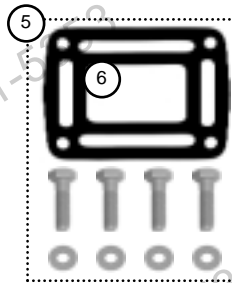
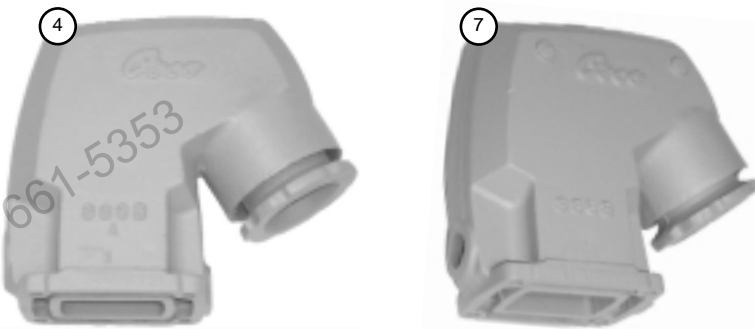


OMC

**GM Small Block V8
 305 - 350 cu.in.**

1979 to 1989

Necessary pipe plugs are included.



Port Side Shown

- 1. **2441*** **Manifold, starboard.** Fits 305 - 350 cu.in. GM small block V8 Engines. Includes hose cap and clamp. Replaces OMC #'s 909280 and 912441. Use mounting kit 244-MK.
- 1. **2442*** **Manifold, port.** Fits 305 - 350 cu.in. GM small block V8 Engines. Includes hose cap and clamp. Replaces OMC #'s 910144, 909279, and 912442. Use mounting kit 244-MK.
- 1a. **2228*** **Hose Cap, 1 1/4" ID.** Replaces OMC #'s 909312 and 908488.
- 1b. **C20*** **Hose Clamp, stainless steel.** Fits 2228 hose cap. Replaces OMC # 313851.
- 2. **244-MK** **Mounting Kit, manifold.** Fits 2441 and 2442 manifolds. Includes CV-GH gasket and mounting hardware.
- 3. **CV-GH** **Gasket, manifold to cylinder head.** Included in 244-MK. Replaces OMC #'s 909314 and 3852468.
- 4. **9863** **Riser, 3 1/2" exhaust outlet 60° down angle.** Replaces OMC #'s 909218, 982680 and 909863. Use mounting kit 9863-MK.
- 5. **9863-MK** **Mounting Kit, riser.** Fits 9863 and 9863-T. Includes 9863-G gasket and mounting hardware.
- 6. **9863-G** **Gasket, riser to manifold.** Included in 9863-MK. Replaces OMC # 909786.
- 7. **9863-T** **Riser, Same as 9863 but tapped to accept 3/4" MPT hose barb.** Use mounting kit 9863-MK.

* Items 1a and 1b are included with the manifold.

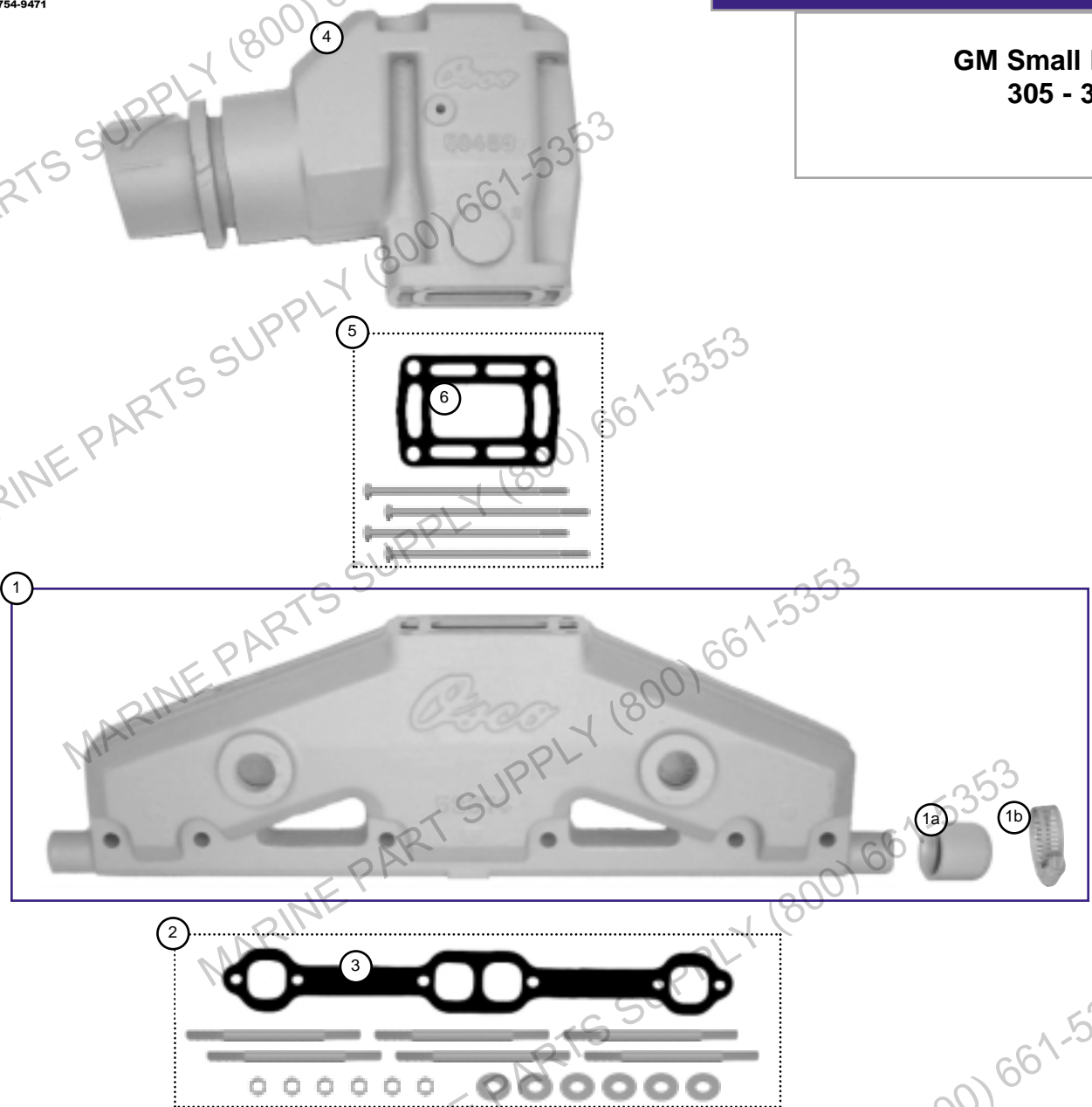
References to port and starboard are made looking from the rear of the motor forward. Port is left, starboard is right.



OMC / VOLVO

**GM Small Block V8
305 - 350 cu.in.**

Necessary pipe plugs are included.



- 1. **52374*** **Manifold.** Fits 305 - 350 cu.in. GM small block V8 Engines. Includes hose cap and clamp. Replaces OMC #'s 914035, 3852374 and VOLVO part # 3852374-2. Fits both sides of engine. Use mounting kit 244-MK.
- 1a. **2229*** **Hose Cap, 1" ID.** Replaces OMC #'s 909829, 3850476, and 3852476. Use one per manifold.
- 1b. **C16*** **Hose Clamp, stainless steel.** Fits 2229 hose cap. Replaces OMC #'s 912627, 385780, and 3852692.
- 2. **244-MK** **Mounting Kit, manifold.** Fits 52374 manifold. Includes CV-GH gasket and mounting hardware.
- 3. **CV-GH** **Gasket, manifold to cylinder head.** Included in 244-MK. Replaces OMC #'s 909314 and 3852468.
- 4. **50456** **Riser, 4" exhaust outlet, 7° down angle.** Replaces OMC #'s 913784, 3855270, 3850456 and VOLVO # 3855270-9. Use mounting kit 50456-MK. 50456 riser is used on many Ford and GM V8 center riser style manifolds. Osco does not offer a manifold for OMC Ford applications. See pages 26 and 38 for manifolds and risers that can be easily adapted.
- 5. **50456-MK** **Mounting Kit, riser.** Fits 50456 riser. Includes 50456-G gasket and mounting hardware.
- 6. **50456-G** **Gasket, riser to manifold.** Included in 50456-MK. Replaces OMC#'s 913783.

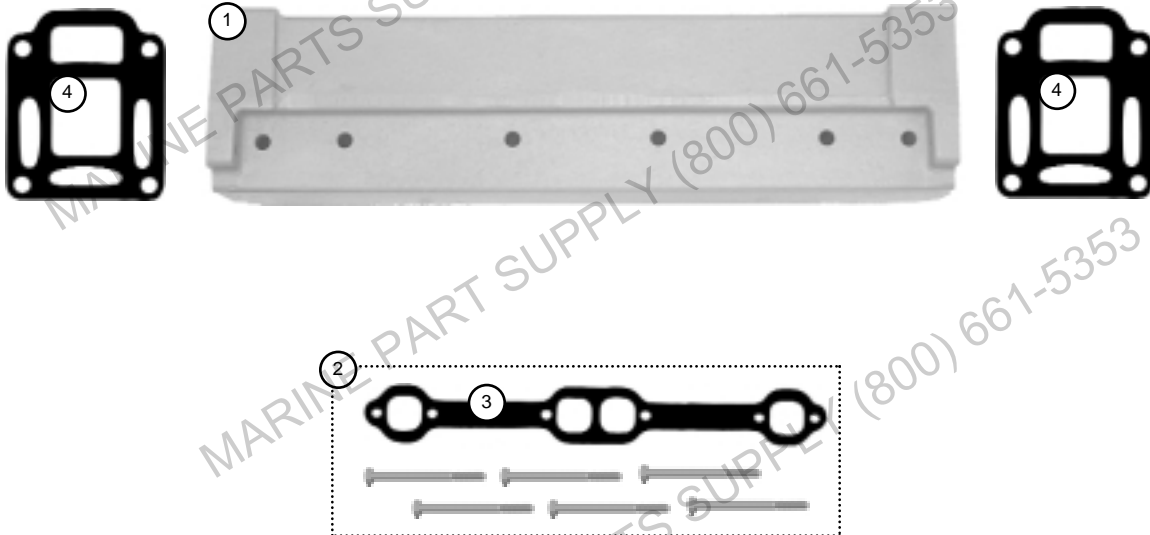
* Items 1a and 1b are included with the manifold.



CHRIS CRAFT

GM Small Block V8
283 - 350 cu.in.

Necessary pipe plugs are included.



- 1. **7056** **Manifold.** Fits 283 - 350 cu.in. GM small block V8 Engines. Replaces Chris Craft # 7056 and 7686. Fits both sides of engine. Use mounting kit 7056-MK.
- 2. **7056-MK** **Mounting Kit,** manifold. Fits 7056 manifold. Includes CV-GH gasket and mounting hardware.
- 3. **CV-GH** **Gasket,** manifold to cylinder head. Included in 7056-MK.
- 4. **05944** **Gasket,** end plate. Fits both ends of 7056 manifold.

CAUTION: Most of the attaching risers, elbows, and front plates are no longer available.



OSCO

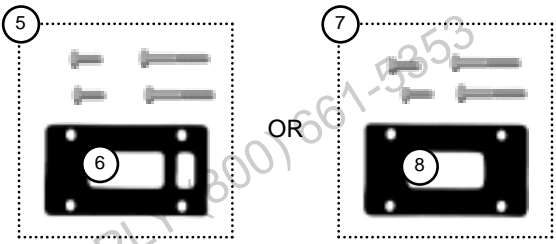
**GM V6, 3.8 LITER
229 cu.in.**

Necessary pipe plugs are included.

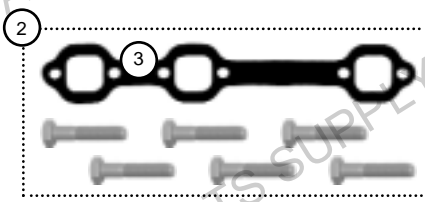
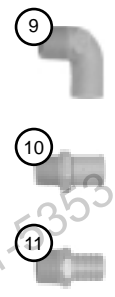


IMPORTANT NOTE ABOUT THE CRR-2-G RISER GASKET:

The installer must place the small rectangular hole of the gasket at the front of the riser, opposite the exhaust outlet end, as shown to the right. This directs the water over the top of the riser for maximum cooling.



See page 77 for plumbing suggestions.

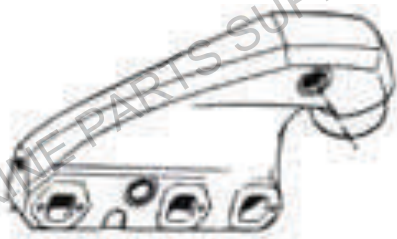


- 1. **CSCR618** **Manifold.** Fits 229 cu.in. GM V6 engines. Fits both sides of engine. Use mounting kit CSCR-MK. CSCR618 manifold can be used on 4.3 GM engines but may need CS-58 spacer and CS58-MK mounting kit to clear valve cover. See page 42 for spacer and mounting kit information.
- 2. **CSCR-MK** **Mounting Kit,** manifold. Fits CSCR618 manifold. Includes CS-GH gasket and mounting hardware.
- 3. **CS-GH** **Gasket,** manifold to cylinder head. Included in CSCR-MK.
- 4. **CRR-2** **Riser,** 3" exhaust outlet, 10° down angle. Use mounting kit CRR-2-MK or CRR-2-MK-FW.
- 5. **CRR-2-MK** **Mounting Kit,** riser. Fits CRR-2 riser. For raw water cooled manifolds. Includes CRR-2-G gasket and mounting hardware.
- 6. **CRR-2-G** **Gasket,** riser to manifold. Allows cooling water to pass from manifold to riser. Included in CRR-2-MK.
- 7. **CRR-2-MK-FW** **Mounting Kit,** riser. Fits CRR-2 riser. For closed cooled or recirculated manifolds. Includes CRR-2-G-FW gasket and mounting hardware.
- 8. **CRR-2-G-FW** **Gasket,** riser to manifold. Blocks cooling water from passing from manifold to riser. Included in CRR-2-MK-FW.
- 9. **F68C9** **Water Fitting,** 90° elbow. 3/4" MPT x 1" hose barb.
- 10. **F68CS** **Water Fitting,** straight. 3/4" MPT x 1" hose barb.
- 11. **F66CS** **Water Fitting,** straight. 3/4" MPT x 3/4" hose barb.

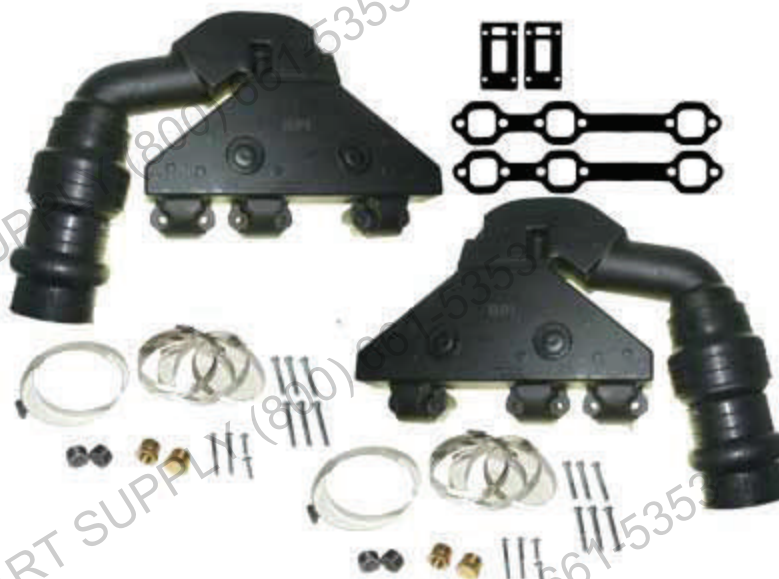


Exhaust Manifold Kit - Replaces 86-90 OMC 262 4.3L V6 1-Piece Manifold

Original OEM



OSCO Replacement kit OMC643-KIT



Manifold/Riser Kit replaces 1986-1990 OMC 4.3L 1-piece Manifold (OEMs: 984221, 984222)

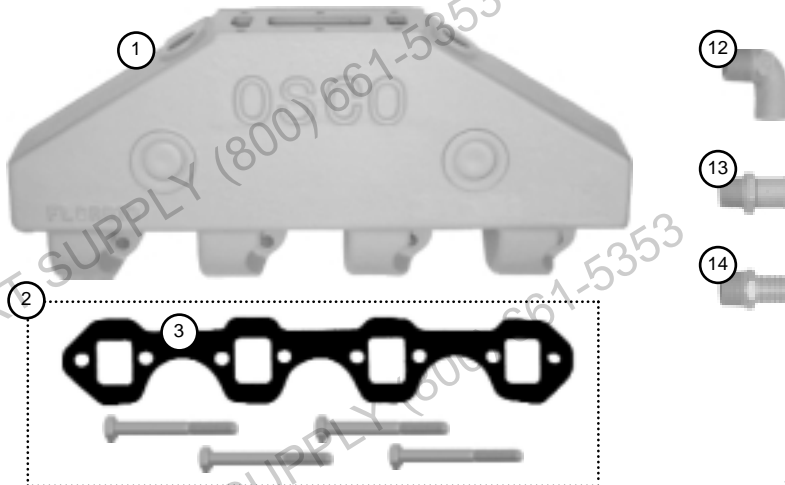
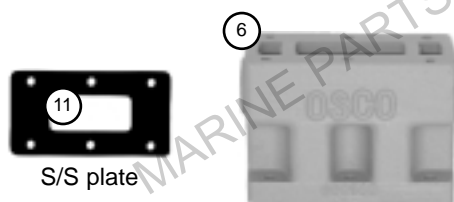
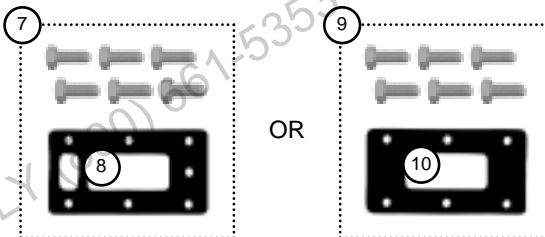
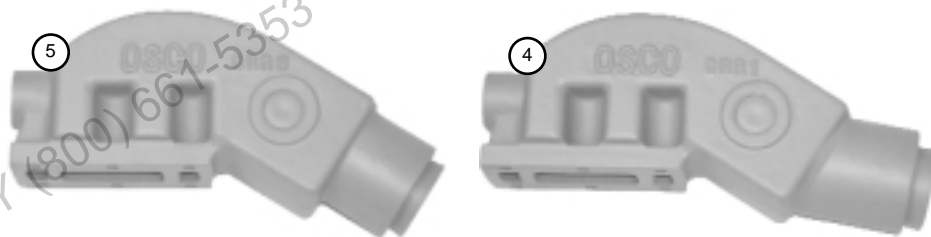
Kit includes 2 manifolds, 2 risers, 2 upper bellows, 2 lower bellows, and all necessary plugs, bolts, gaskets and clamps to replace both original OMC 1-piece V6 Manifold/Riser Assemblies

FORD Small Block V8
221, 255, 260, 289,
302 and 351 cu.in.

Necessary pipe plugs are included.

**IMPORTANT NOTE ABOUT
THE CRR-G RISER GASKET:**

The installer must place the small rectangular hole of the gasket at the front of the riser, opposite the exhaust outlet end, as shown to the right. This directs the water over the top of the riser for maximum cooling.



When using the CRR-14S spacer see page 77 for correct gasket placement and plumbing suggestions.

1. **FLCR818** **Manifold.** Fits 221, 255, 260, 289, 302 and 351 cu.in. Ford small block V8 engines. Fits both sides of engine. Use mounting kit FLCR-MK.
2. **FLCR-MK** **Mounting Kit,** manifold. Fits FLCR818 manifold. Includes FL-GH gasket and mounting hardware.
3. **FL-GH** **Gasket,** manifold to cylinder head. Included in FLCR-MK.
4. **CRR-1** **Riser,** 3" exhaust outlet, 10° down angle. Use mounting kit CRR-MK or CRR-MK-FW.
5. **CRR-3** **Riser,** 3" exhaust outlet, 30° down angle. Use mounting kit CRR-MK or CRR-MK-FW.
6. **CRR-14S** **Spacer,** 4". Use mounting kit CRR-MK or CRR-MK-FW. Risers will need their own mounting kit.
7. **CRR-MK** **Mounting Kit,** risers and spacer. Fits CRR-1 and CRR-3 risers and CRR-14S spacer. For raw water cooled manifolds. Includes CRR-G gasket and mounting hardware.
8. **CRR-G** **Gasket,** riser and spacer to manifold. Allows cooling water to pass from manifold to riser or spacer. Included in CRR-MK.
9. **CRR-MK-FW** **Mounting Kit,** risers and spacer. Fits CRR-1 and CRR-3 risers and CRR-14S spacer. For closed cooled or recirculated manifolds. Includes CRR-G-FW gasket and mounting hardware.
10. **CRR-G-FW** **Gasket,** riser to manifold. Blocks cooling water from passing from manifold to riser or spacer. Included in CRR-MK-FW.
11. **CRR-G-SP** **Stainless Plate.** Use with two CRR-G gaskets. Blocks water flow from manifold to riser or spacer.
12. **F68C9** **Water Fitting,** 90° elbow. 3/4" MPT x 1" hose barb.
13. **F68CS** **Water Fitting,** straight. 3/4" MPT x 1" hose barb.
14. **F66CS** **Water Fitting,** straight. 3/4" MPT x 3/4" hose barb.

Necessary pipe plugs are included.

Generic: C

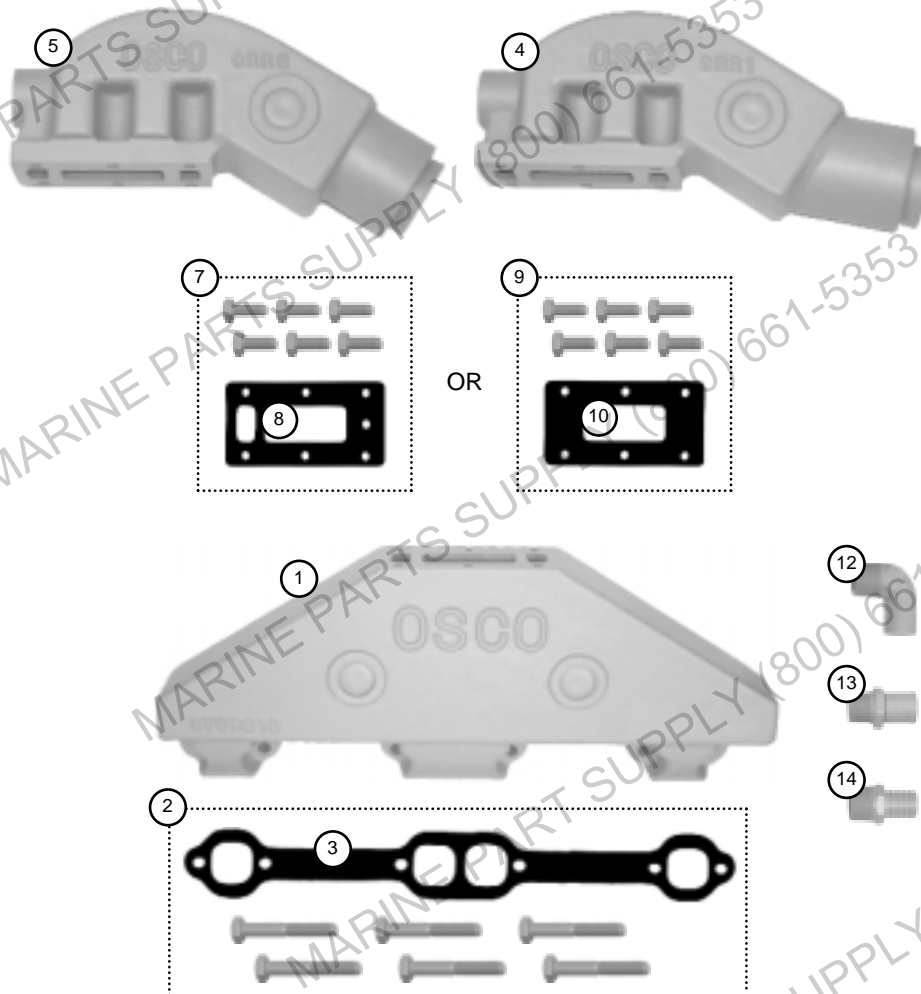
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**GM Small Block V8
265, 283, 305, 307, 327,
350, and 400 cu.in.**

**IMPORTANT NOTE ABOUT
THE CRR-G RISER GASKET:**

The installer must place the small rectangular hole of the gasket at the front of the riser, opposite the exhaust outlet end, as shown to the far left. This directs the water over the top of the riser for maximum cooling.



1. **CVCR818** **Manifold.** Fits 265, 283, 305, 307, 327, 350 and 400 cu.in. GM small block V8 engines. Fits both sides of engine. Use mounting kit CVCR-MK.
2. **CVCR-MK** **Mounting Kit,** manifold. Fits CVCR818. Includes CV-GH gasket and mounting hardware.
3. **CV-GH** **Gasket,** manifold to cylinder head. Included in CVCR-MK.
4. **CRR-1** **Riser,** 3" exhaust outlet, 10° down angle. Use mounting kit CRR-MK or CRR-MK-FW.
5. **CRR-3** **Riser,** 3" exhaust outlet, 30° down angle. Use mounting kit CRR-MK or CRR-MK-FW.
6. **CRR-14S** **Spacer,** 4". Use mounting kit CRR-MK or CRR-MK-FW. Risers will require their own mounting kit.
7. **CRR-MK** **Mounting Kit,** risers and spacer. Fits CRR-1 and CRR-3 risers and CRR-14S spacer. For raw water cooled manifolds. Includes CRR-G gasket and mounting hardware.
8. **CRR-G** **Gasket,** riser and spacer to manifold. Allows cooling water to pass from manifold to riser or spacer. Included in CRR-MK.
9. **CRR-MK-FW** **Mounting Kit,** risers and spacer. Fits CRR-1 and CRR-3 risers and CRR-14S spacer. For closed cooled or recirculated manifolds. Includes CRR-G-FW gasket and mounting hardware.
10. **CRR-G-FW** **Gasket,** riser to manifold. Blocks cooling water from passing from manifold to riser or spacer. Included in CRR-MK-FW.
11. **CRR-G-SP** **Stainless Plate.** Use with two CRR-G gaskets. Blocks water flow from manifold to riser or spacer.
12. **F68C9** **Water Fitting,** 90° elbow. 3/4" MPT x 1" hose barb.
13. **F68CS** **Water Fitting,** straight. 3/4" MPT x 1" hose barb.
14. **F66CS** **Water Fitting,** straight. 3/4" MPT x 3/4" hose barb.

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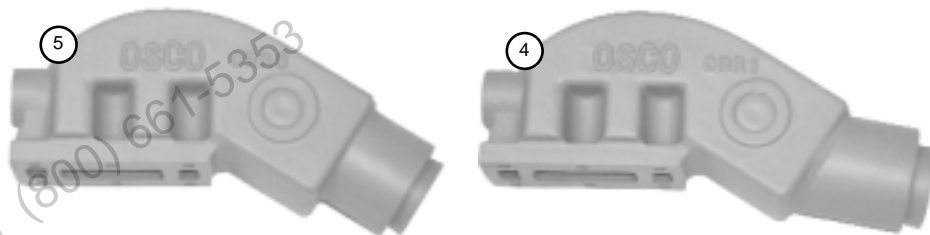
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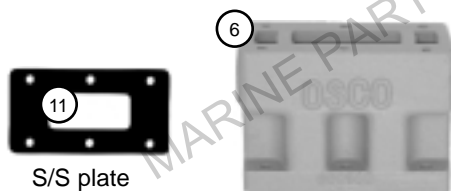
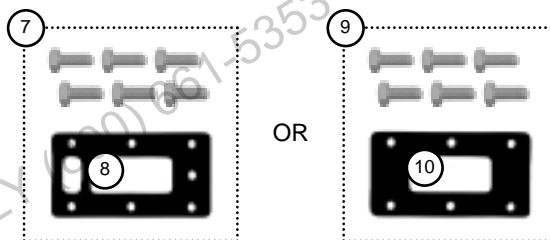
**GM Big Block V8
396, 427 and 454 cu.in.**

Necessary pipe plugs are included.

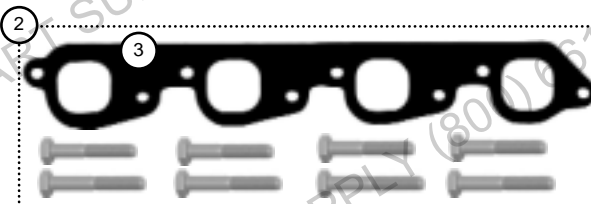


**IMPORTANT NOTE ABOUT
THE CRR-G RISER GASKET:**

The installer must place the small rectangular hole of the gasket at the front of the riser, opposite the exhaust outlet end, as shown to the right. This directs the water over the top of the riser for maximum cooling.



S/S plate



When using the CRR-14S spacer see page 77 for correct gasket placement and plumbing suggestions.

1. **CWCR818** **Manifold.** Fits 396, 427 and 454 cu.in. GM big block V8 Engines. Fits both sides of engine. Use mounting kit CWCR-MK.
2. **CWCR-MK** **Mounting Kit,** manifold. Fits CWCR818 manifold. Includes CW-GH gasket and mounting hardware.
3. **CW-GH** **Gasket,** manifold to cylinder head. Included in CWCR-MK.
4. **CRR-1** **Riser,** 3" exhaust outlet. 10° down angle. Use mounting kit CRR-MK or CRR-MK-FW.
5. **CRR-3** **Riser,** 3" exhaust outlet. 30° down angle. Use mounting kit CRR-MK or CRR-MK-FW.
6. **CRR-14S** **Spacer,** 4". Use mounting kit CRR-MK or CRR-MK-FW. Risers will need their own mounting kit.
7. **CRR-MK** **Mounting Kit,** risers and spacer. Fits CRR-1 and CRR-3 risers and CRR-14S spacer. For raw water cooled manifolds. Includes CRR-G gasket and mounting hardware.
8. **CRR-G** **Gasket,** riser and spacer to manifold. Allows cooling water to pass from manifold to riser or spacer. Included in CRR-MK.
9. **CRR-MK-FW** **Mounting Kit,** risers and spacer. Fits CRR-1 and CRR-3 risers and CRR-14S spacer. For closed cooled or recirculated manifolds. Includes CRR-G-FW gasket and mounting hardware.
10. **CRR-G-FW** **Gasket,** riser to manifold. Blocks cooling water from passing from manifold to riser or spacer. Included in CRR-MK-FW.
11. **CRR-G-SP** **Stainless Plate.** Use with two CRR-G gaskets. Blocks water flow from manifold to riser or spacer.
12. **F68C9** **Water Fitting,** 90° elbow. 3/4" MPT x 1" hose barb.
13. **F68CS** **Water Fitting,** straight. 3/4" MPT x 1" hose barb.
14. **F66CS** **Water Fitting,** straight. 3/4" MPT x 3/4" hose barb.

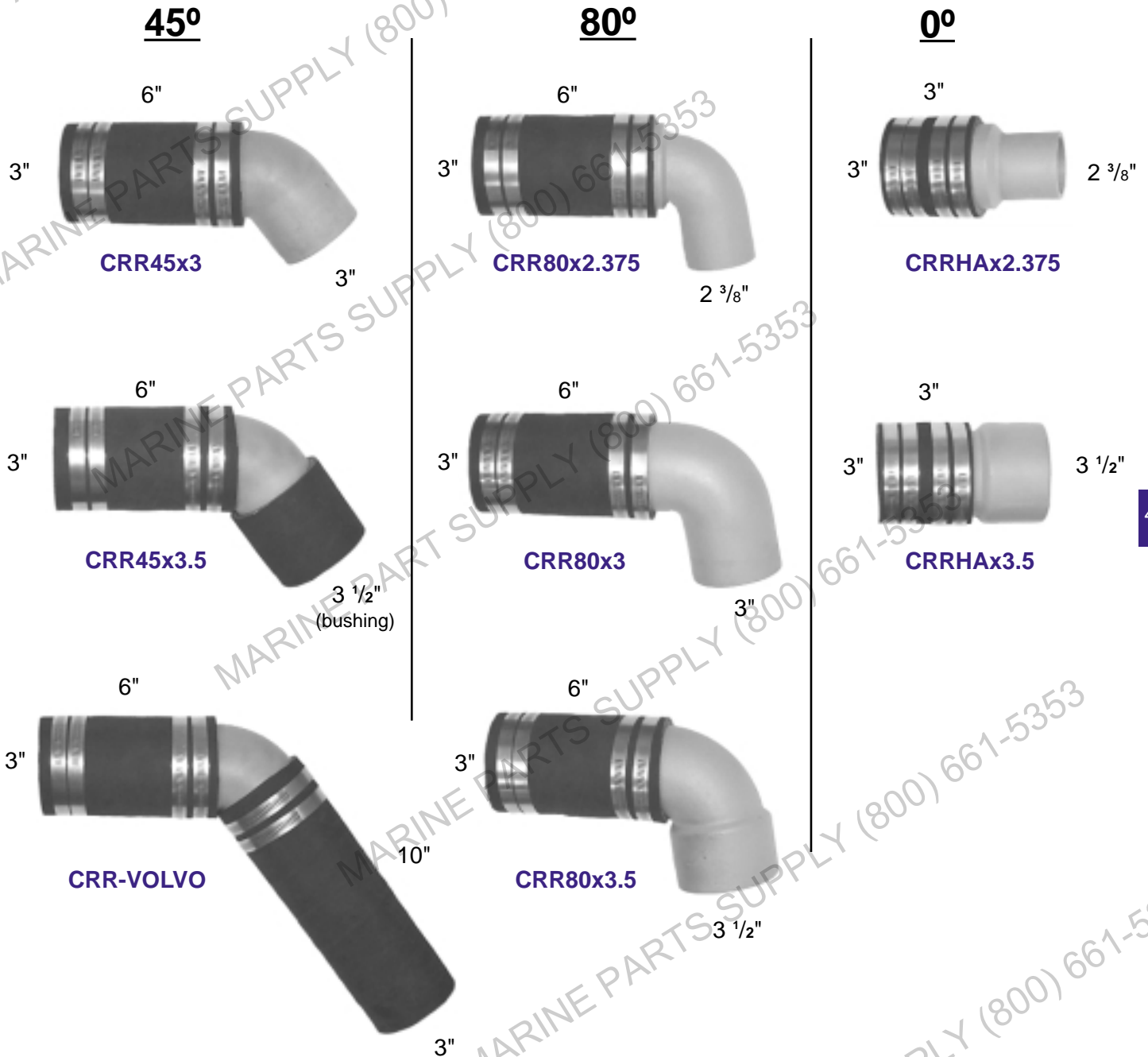
Sold individually


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fax (250) 754-9471

**Cast Iron Elbow and
hose adapter kits.**

Elbows and other exhaust connections also sold separately. See pages 58 and 59.



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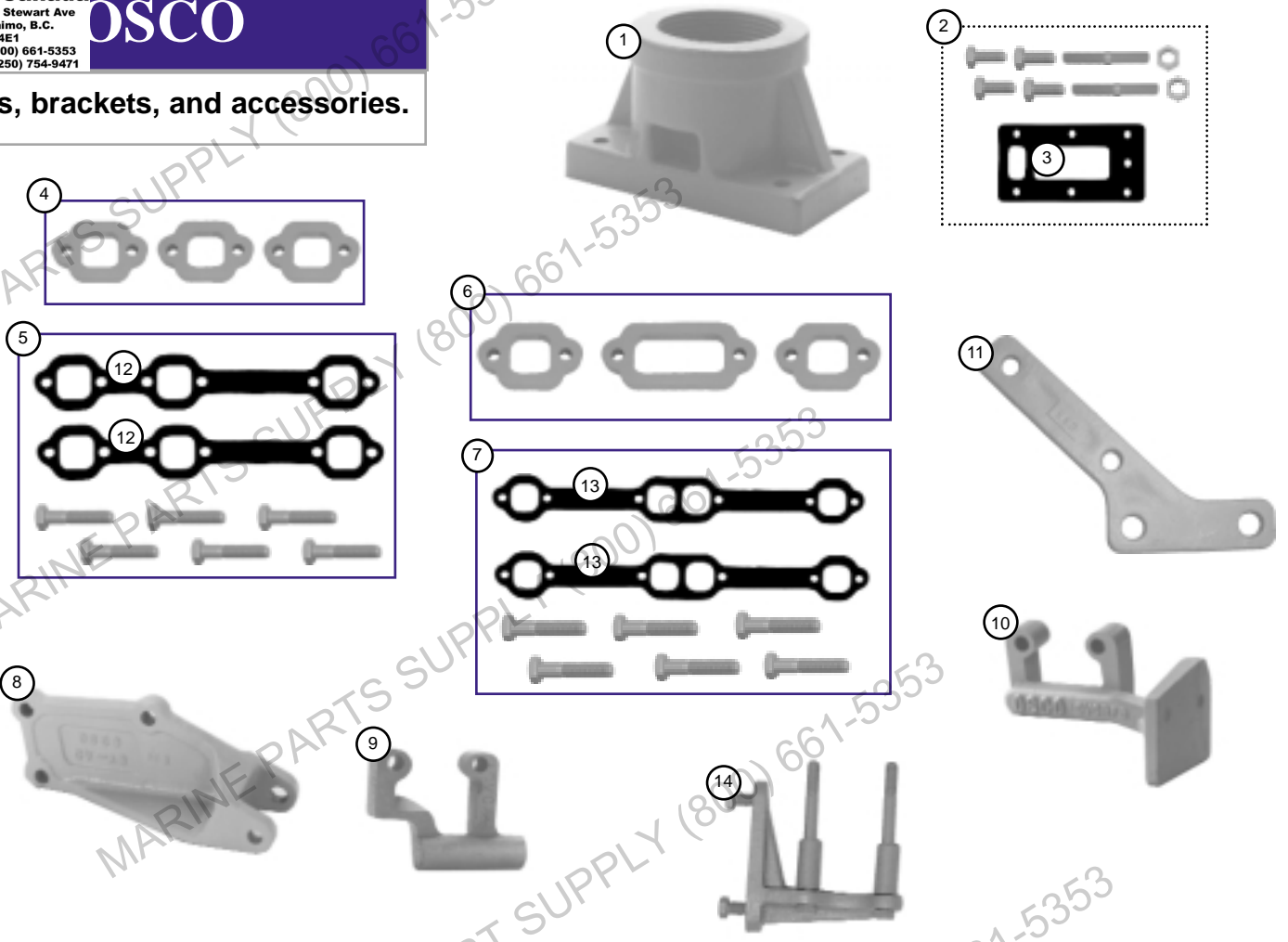


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Spacers, brackets, and accessories.



42

- 1. **CRR-E** **Threaded Flange.** Fits OSCO #'s CVCR818, CWCR818, and FLCR818. Accepts 2 1/2" threaded pipe for dry stack exhaust. Use mounting kit CRR-E-MK.
- 2. **CRR-E-MK** **Mounting Kit,** threaded flange. Fits CRR-E. Includes CRR-G gasket and mounting hardware.
- 3. **CRR-G** **Gasket,** riser to manifold. Included in CRR-E-MK.
- 4. **CS-58** **Spacer,** manifold (3 pieces). 5/8" thick. Fits small block GM V6 manifolds. Use mounting kit CSCR-58-MK. Moves manifold out from engine to allow clearance at valve covers.
- 5. **CSCR-58-MK** **Mounting Kit,** for CSCR618 manifold and CS-58 spacer. Includes (2) CS-GH gaskets and mounting bolts. Moves manifold out from engine a total of 3/4" using CS-58 spacer.
- 6. **CV-58** **Spacer,** manifold (3 pieces). 5/8" thick. Fits small block GM V8 manifolds. Moves manifold out from engine to allow clearance at valve covers.
- 7. **CV-58-MK** **Mounting Kit,** for CVCR818 (page 39) or CV818-350 manifolds (page 48) and CV-58 spacer. Includes (2) CV-GH gaskets and mounting bolts. Moves manifold out from engine a total of 3/4" using CV-58 spacer.
- 8. **CVAB** **Alternator Bracket.** Fits small block Chevy V8 engines. Bolts to cylinder head. For use with Mercruiser/Mando type alternator.
- 9. **CVCA** **Alternator Bracket.** Fits Osco #'s CVCR818 and CSCR618 manifolds. For use with Motorola type alternators.
- 10. **CVCR-FB** **Fuel Filter Bracket.** Fits CSCR618 and CVCR818 manifolds. For use with Mercruiser and Volvo type fuel filters.
- 11. **FLCR-FB** **Fuel Filter Bracket.** Fits small block Ford V8 engines. For use with Mercruiser type fuel filters. Bolts to cylinder head.
- 12. **CS-GH** **Gasket,** manifold to cylinder head. Fits CSCR618 manifold and CS-58 spacer.
- 13. **CV-GH** **Gasket,** manifold to cylinder head. Fits CVCR818 manifold and CV-58 spacer.
- 14. **CVBC-A** **Alternator Bracket.** For replacing early Volvo one piece manifold and riser on small block Chevy V8 engines. Includes mounting hardware and spacers. Use with CVCR818 manifold, port side.



The following heat exchangers are replacements for the original manufacturer's models. Simply check the original part number listed below against the part number of your original heat exchanger to verify the correct choice for a replacement. If there is not a heat exchanger listed to replace yours, or if your engine is not currently freshwater cooled, in many cases you can use the OSCO generic Heat exchangers listed on page 44.

CHRIS CRAFT

<u>OSCO Part No.</u>	<u>Original Part No.</u>	<u>Engine Type</u>
12-CC-105	16.99-07698	283F and 327F
12-CC-219	16.99-08771	305K and 350K

**12-CC-105****12-CC-219**

CHRYSLER

<u>OSCO Part No.</u>	<u>Original Part No.</u>	<u>Engine Type</u>
12-CH-357	3675141	318 Cu. In.
12-CH-339	2847886	360 Cu. In.

**12-CH-357 w/tee****12-CH-339**

CRUSADER

<u>OSCO Part No.</u>	<u>Original Part No.</u>	<u>Engine Type</u>
12-CR-913	97913 and 97433	305, 350 Cu. In.
12-CR-930	97434 and 97930	454 Cu. In.

**12-CR-913****12-CR-930**

MERCUISER

<u>OSCO Part No.</u>	<u>Original Part No.</u>	<u>Engine Type</u>
12-M-158	63107	325 HP, 454 Cu. In.
12-M-260	77319	Model 470, 170 HP
12-M-282	79607	454 Cu. In.
12-M-421	99438	Model 470 and 488

**12-M-158****12-M-260****12-M-282****12-M-421**

Exchangers

These heat exchangers are specifically designed for engines equipped with automotive type circulator pumps and thermostats. The heat exchangers hook up the same as a car radiator, and can be used on new engine installations or when converting from existing raw water systems. Choose the correct heat exchanger from the list below by matching the cubic inch displacement of your engine to the appropriate heat exchanger. These heat exchangers are designed for cooling the engine only. The manifolds and riser are cooled with raw water. Complete installation instructions are included with each heat exchanger.



1290 Series



1459

Heat Exchanger Part No.	Cubic Inch Displacement	Length	Width	Height
1292	276 to 349	18 1/2"	4"	8 1/2"
1293	350 to 430	22"	4"	8 1/2"
1294	431 to 500	25"	4"	8 1/2"
1295	501 to 575	28"	4"	8 1/2"
1459	6.2 Chevy/GM Diesel	23"	5"	11 1/2"

Heat Exchanger Parts

44

Zinc pencil



1290-ZP
Zinc Pencil for
1290 Series
Heat Exchangers

End plates

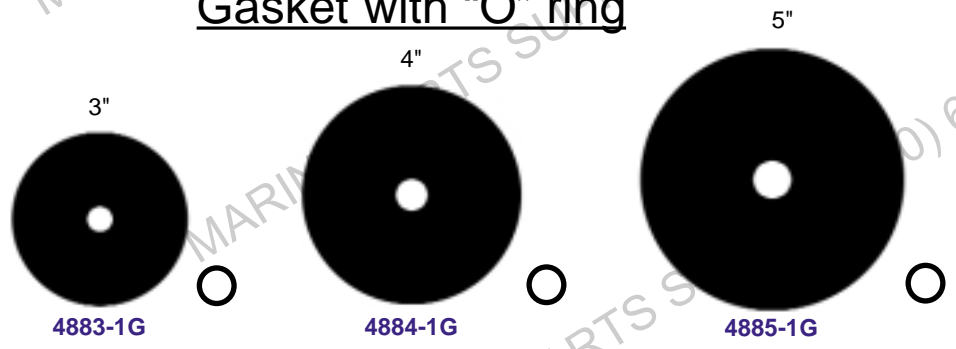


4883-1A
Includes gasket

4884-1A
Includes gasket

4885-1A
Includes gasket

Gasket with "O" ring



4883-1G

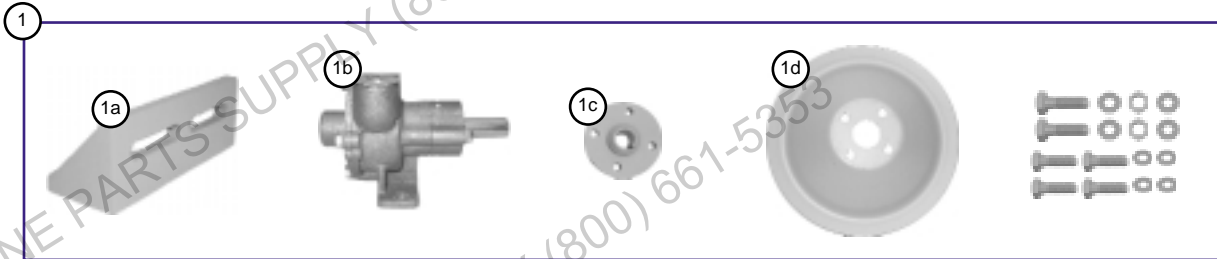
4884-1G

4885-1G



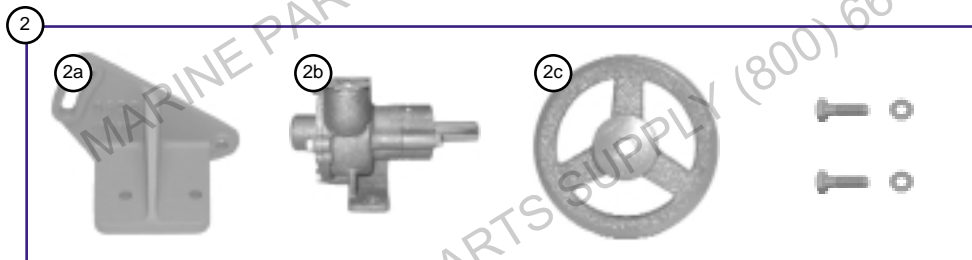
Seawater Pump A

**Brass ball bearing marine pump
with positive displacement
neoprene impeller.**



For use with 1290 series heat exchangers on page 44.

1. **SWK75 Pump Assembly.** For use with 1290 series heat exchangers. Includes items 1a - 1d as well as mounting hardware to bolt pulley to hub and pump to bracket.
- 1a. **SWK-31 Bracket,** seawater pump. Adjustable. Included in SWK-75.
 1b. **R-50-G Pump,** Sherwood. $\frac{3}{4}$ " IPT. Included in SWK-75.
 1c. **CV833A-5/8 Hub,** pulley. Included in SWK-75.
 1d. **S-Pulley Pulley,** dished. Included in SWK-75.



For 6.2 / 6.5 liter GM diesel. Use with 1459 heat exchanger on page 44.

2. **CD830-S Pump Assembly.** For use with 1459 heat exchanger. Includes items 2a - 2c as well as mounting hardware to bolt pump to bracket.
- 2a. **CD831-S Bracket,** seawater pump. Adjustable. Fits GM 6.2 / 6.5 liter diesel. Included in CD830-S.
 2b. **R-50-G Pump,** Sherwood. $\frac{3}{4}$ " IPT. Included in CD830-S.
 2c. **AC63x5/8 Pulley,** $\frac{5}{8}$ " shaft. Included in CD830-S.

**Conversion manifolds, risers,
and elbows.**

TO REPLACE YOUR EXHAUST SYSTEM:

- 1) Select the manifold that fits your engine from below.
- 2) Select either an 1800 series riser or elbow or 18000 series elbow from pages 52 - 55 that most closely resembles your configuration.
- 3) Determine the style of exhaust end plate that you will need. RA or RB for the 1800 series elbows, AE or BE for the 18000 series elbows.

GASOLINE ENGINES

Buick

V6 198 / 225 / 231 cu.in. engines. See the [BT618](#) on page 47.

Chevy

V8 283 / 305 / 307 / 327 / 350 / 400 cu.in. engines. See the [CV818-350](#) on page 48.

V8 348 / 409 cu.in. engines. See the [CW818](#) on page 48.

V8 396 / 401cu.in. engines. See the [CW818-396](#) on page 48.

Chrysler

Slant 6 170 / 198 / 225 cu.in. engines. See the [CH618](#) on page 49.

V8 273 / 318 / 340 / 360 cu.in. engines. See the [CI818](#) on page 47.

V8 277 / 301 / 318 / 325 / 326 cu.in. engines. See the [CI818-56](#) on page 49.

Ford

V8 221 / 260 / 289 / 302 cu.in. engines. See the [FL818](#) on page 47.

V8 351C / 400 cu.in. engines. See the [FB818](#) on page 50.

V8 426 / 460 cu.in. engines. See the [FH818](#) on page 50.

Oldsmobile

V8 260 / 330 / 350 / 400 / 403 / 425 / 455 cu.in. engines. See the [OL818](#) on page 50.

DIESEL ENGINES

Ford

4 Cylinder diesel 220 / 242 / 254 cu.in. engine. See the [4DF418A](#) on page 51.

4 Cylinder diesel 254 (Dover) cu.in. engine. See the [DD418](#) on page 51.

GM

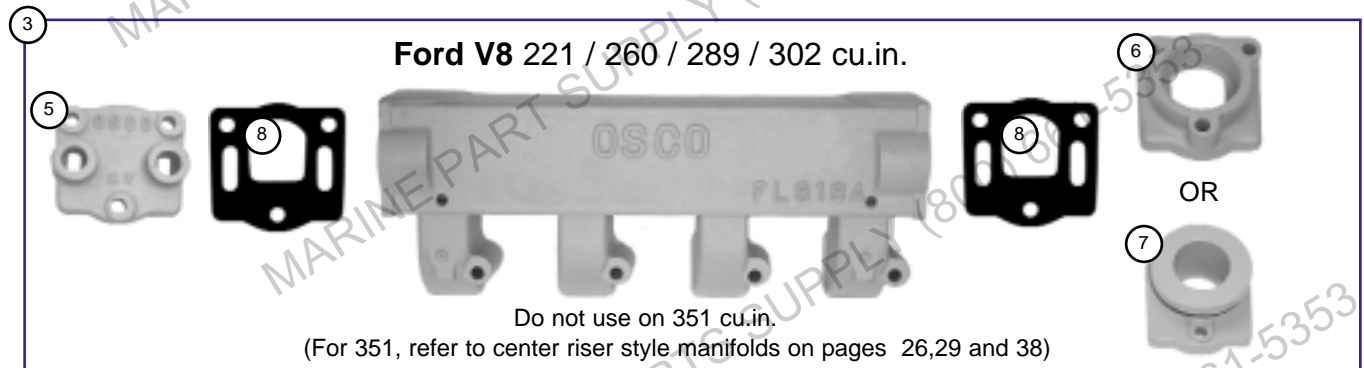
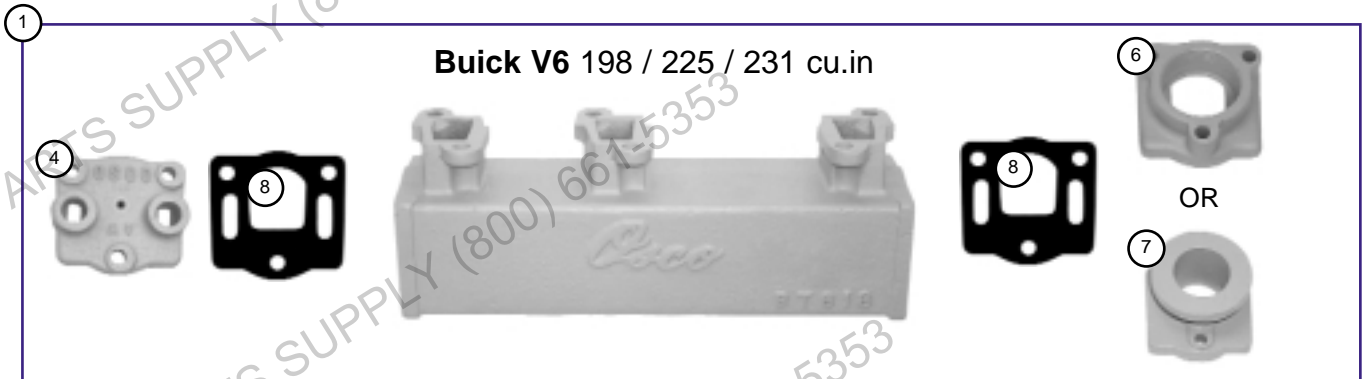
6.2 / 6.5 Liter diesel V8 engines. See the [CD818](#) on page 51.

Necessary pipe plugs are included.

Conversion Man

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V9S 4E1
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fax (250) 754-9471



- 1. **BT618xAE** **Manifold Assembly.** Fits Buick V6 198 / 225 / 231 cu.in. engines. Includes end plates AW-CH and AE, (2) AG gaskets, end plate and manifold mounting hardware.
- 1. **BT618xRA** **Manifold Assembly.** Fits Buick V6 198 / 225 / 231 cu.in. engines. Includes end plates AW-CH and RA, (2) AG gaskets, end plate and manifold mounting hardware.
- 2. **CI818xAE** **Manifold Assembly.** Fits Chrysler V8 273 / 318 / 340 / 360 cu.in. engines. Includes end plates AW and AE, (2) AG gaskets, end plate and manifold mounting hardware.
- 2. **CI818xRA** **Manifold Assembly.** Fits Chrysler V8 273 / 318 / 340 / 360 cu.in. engines. Includes end plates AW and RA, (2) AG gaskets, end plate and manifold mounting hardware.
- 3. **FL818xAE** **Manifold Assembly.** Fits Ford V8 221 / 260 / 289 / 302 cu.in. engines. Includes end plates AW and AE, (2) AG gaskets, end plate and manifold mounting hardware.
- 3. **FL818xRA** **Manifold Assembly.** Fits Ford V8 221 / 260 / 289 / 302 cu.in. engines. Includes end plates AW and RA, (2) AG gaskets, end plate and manifold mounting hardware.
- 4. **AW-CH** **Front Plate,** with choke tube hole. Included with BT618 manifold assembly. For 1/2" pipe fittings.
- 5. **AW** **Front Plate.** Included with FL818 manifold assembly. For 1/2" pipe fittings.
- 6. **AE** **End Plate,** 2" threaded. Used to adapt the "A" style manifolds to the 18000 series elbows.
- 7. **RA** **End Plate,** circular flange. Used to adapt the "A" style manifolds to the 1800 series risers and elbows.
- 8. **AG** **Gasket,** end plate. Fits both ends of the "A" style manifolds.

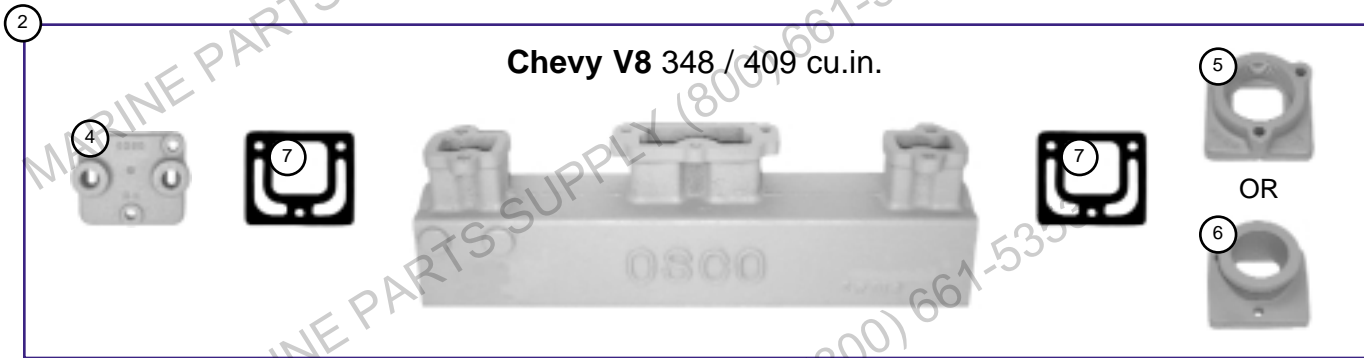
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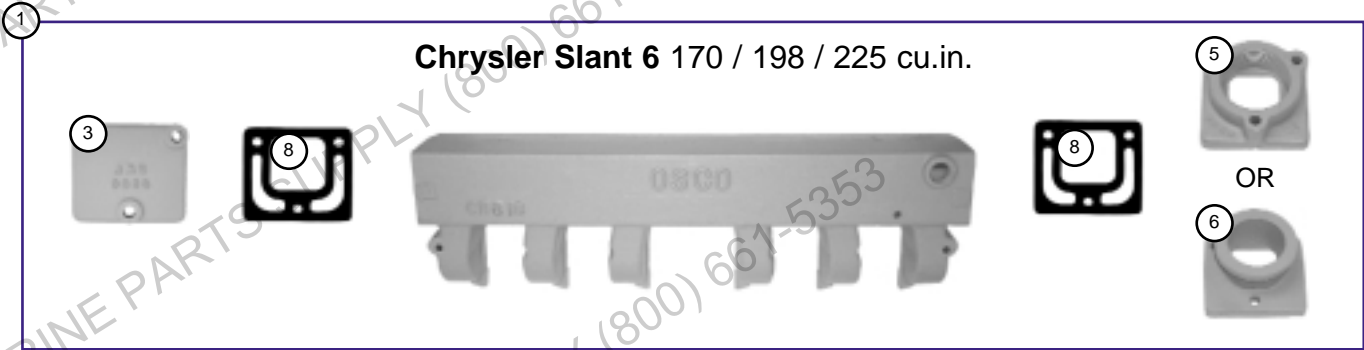
1. **CV818-350xBE** **Manifold Assembly.** Fits Chevy V8 283 / 305 / 307 / 327 / 350 / 400 cu.in. engines. Includes end plates BW and BE, (2) BG gaskets, end plate and manifold mounting hardware.
1. **CV818-350xRB** **Manifold Assembly.** Fits Chevy V8 283 / 305 / 307 / 327 / 350 / 400 cu.in. engines. Includes end plates BW and RB, (2) BG gaskets, end plate and manifold mounting hardware.
2. **CW818xBE** **Manifold Assembly.** Fits Chevy V8 348 / 409 cu.in. engines. Includes end plates BW and BE, (2) BG gaskets, end plate and manifold mounting hardware.
2. **CW818xRB** **Manifold Assembly.** Fits Chevy V8 348 / 409 cu.in. engines. Includes end plates BW and RB, (2) BG gaskets, end plate and manifold mounting hardware.
3. **CW818-396xBE** **Manifold Assembly.** Fits Chevy V8 396 / 401cu.in. engines. Includes end plates BW and BE, (2) BG gaskets, end plate and manifold mounting hardware.
3. **CW818-396xRB** **Manifold Assembly.** Fits Chevy V8 396 / 401cu.in. engines. Includes end plates BW and RB, (2) BG gaskets, end plate and manifold mounting hardware.
4. **BW** **Front Plate,** for 1/2" pipe fittings. Fits "B" style manifolds.
5. **BE** **End Plate,** 2 1/2" threaded. Used to adapt the "B" style manifolds to the 18000 series elbows.
6. **RB** **End Plate,** circular flange. Used to adapt the "B" style manifolds to the 1800 series risers and elbows.
7. **BG** **Gasket,** end plate. Fits both ends of the "B" style manifolds.

Necessary pipe plugs are included.

Conversion Man

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1. **CH618xBE** **Manifold Assembly.** Fits Chrysler Slant 6 170 / 198 / 225 cu.in. engines. Includes end plates BW and BE, (2) BG gaskets, end plate and manifold mounting hardware.
1. **CH618xRB** **Manifold Assembly.** Fits Chrysler Slant 6 170 / 198 / 225 cu.in. engines. Includes end plates BW and RB, (2) BG gaskets, end plate and manifold mounting hardware.
2. **CI818-56xBE** **Manifold Assembly.** Fits Chrysler V8 277 / 301 / 318 / 325 / 326 cu.in. engines. Includes end plates BW and BE, (2) BG gaskets, end plate and manifold mounting hardware.
2. **CI818-56xRB** **Manifold Assembly.** Fits Chrysler V8 277 / 301 / 318 / 325 / 326 cu.in. engines. Includes end plates BW and RB, (2) BG gaskets, end plate and manifold mounting hardware.
2. **CI818-56xRBE** **Manifold Assembly.** Fits Chrysler V8 277 / 301 / 318 / 325 / 326 cu.in. engines. Includes end plates BW and RBE, (2) BG gaskets, end plate and manifold mounting hardware. For port side only.
3. **BWF-CS** **Front Plate.** Fits CH618. Has counter-sunk holes.
4. **BW** **Front Plate,** for 1/2" pipe fittings. Fits "B" style manifolds.
5. **BE** **End Plate,** 2 1/2" threaded. Used to adapt the "B" style manifolds to the 18000 series elbows.
6. **RB** **End Plate,** circular flange. Used to adapt the "B" style manifolds to the 1800 series risers and elbows.
7. **RBE** **End Plate,** 1 3/4" extended circular flange. Use in place of end plate RB on port side only on CI818-56.
8. **BG** **Gasket,** end plate. Fits both ends of the "B" style manifolds.

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Necessary pipe plugs are included.

1

Ford V8 351C / 400 cu.in. (Cleveland)

Will not fit Windsor engines

2

Ford V8 426 / 460 cu.in.

3

**Oldsmobile V8 260 / 330 / 350 / 400 / 403 / 425 / 455 cu.in.,
 260 / 350 cu.in. Oldsmobile Diesel.**

50

- 1. **FB818xBE** **Manifold Assembly.** Fits Ford V8 351C / 400 cu.in. Cleveland engines. Includes end plates BW and BE, (2) BG gaskets, end plate and manifold mounting hardware.
- 1. **FB818xRB** **Manifold Assembly.** Fits Ford V8 351C / 400 cu.in. Cleveland engines. Includes end plates BW and RB, (2) BG gaskets, end plate and manifold mounting hardware.
- 2. **FH818xBE** **Manifold Assembly.** Fits Ford V8 426 / 460 cu.in. engines. Includes end plates BW and BE, (2) BG gaskets, end plate and manifold mounting hardware.
- 2. **FH818xRB** **Manifold Assembly.** Fits Ford V8 426 / 460 cu.in. engines. Includes end plates BW and RB, (2) BG gaskets, end plate and manifold mounting hardware.
- 3. **OL818xBE** **Manifold Assembly.** Fits Oldsmobile V8 260 / 330 / 350 / 400 / 403 / 425 / 455 cu.in. engines. Includes end plates BW and BE, (2) BG gaskets, end plate and manifold mounting hardware.
- 3. **OL818xRB** **Manifold Assembly.** Fits Oldsmobile V8 260 / 330 / 350 / 400 / 403 / 425 / 455 cu.in. engines. Includes end plates BW and RB, (2) BG gaskets, end plate and manifold mounting hardware.
- 4. **BW** **Front Plate,** for 1/2" pipe fittings. Fits "B" style manifolds.
- 5. **BE** **End Plate,** 2 1/2" threaded. Used to adapt the "B" style manifolds to the 18000 series elbows.
- 6. **RB** **End Plate,** circular flange. Used to adapt the "B" style manifolds to the 1800 series risers and elbows.
- 7. **BG** **Gasket,** end plate. Fits both ends of the "B" style manifolds.

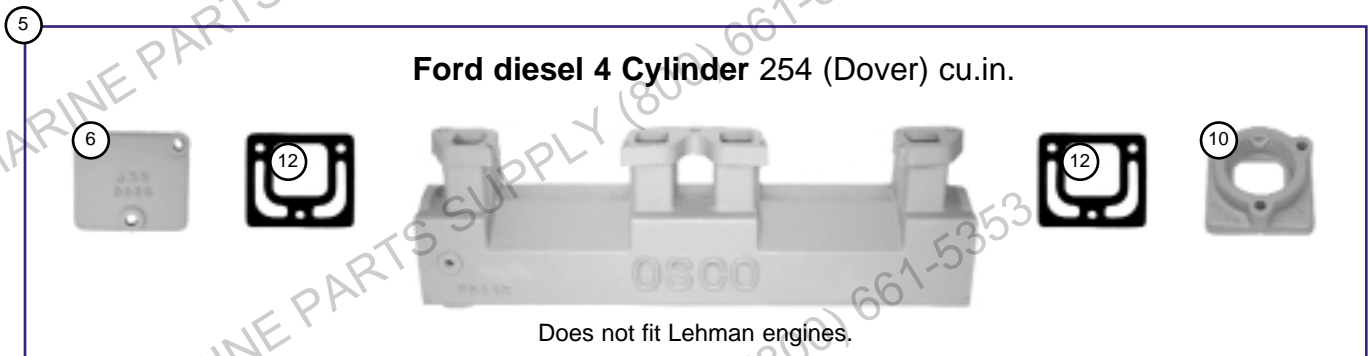
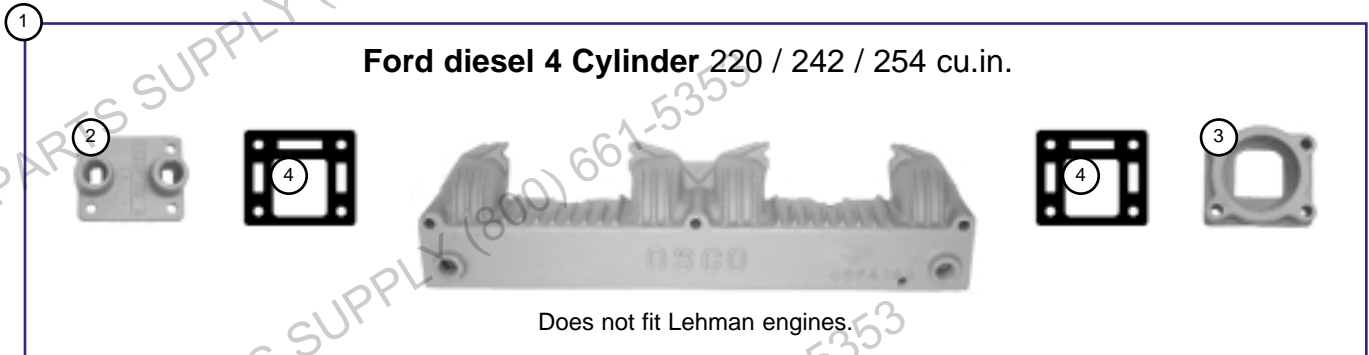


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Conversion Manifolds

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1. **4DF418A** **Manifold Assembly.** Fits Ford diesel 4 Cylinder 220 / 242 / 254 cu.in. engine. Includes end plates 4DFE and JAW, (2) 4DF-G gaskets and end plate mounting hardware.
2. **JAW** **Front Plate,** for 1/2" pipe fittings. Fits 4DF418A manifold.
3. **4DFE** **End Plate,** 2" threaded. Used to adapt the 4DF418A manifold to the 18000 series elbows.
4. **4DF-G** **Gasket,** end plate. Fits both ends of the 4DF418A manifold.
5. **DD418** **Manifold Assembly.** Fits Ford diesel 4 Cylinder 254 (Dover) cu.in. engine. Includes end plates BWF and BE, (2) AG gaskets and end plate mounting hardware.
6. **BWF** **End Plate,** block off.
7. **CD818xBE** **Manifold Assembly.** Fits GM diesel V8 6.2 / 6.5 Liter engines. Includes end plates BW and BE, (2) BG gaskets and end plate mounting hardware.
7. **CD818xRB** **Manifold Assembly.** Fits GM diesel V8 6.2 / 6.5 Liter engines. Includes end plates BW and RB, (2) BG gaskets and end plate mounting hardware.
8. **CDSN** **Mounting Stud and nut,** for CD818 manifold. Sold individually. (8) required per manifold.
9. **BW** **Front Plate,** for 1/2" pipe fittings.
10. **BE** **End Plate,** 2 1/2" threaded. Used to adapt the "B" style manifolds to the 18000 series elbows.
11. **RB** **End Plate,** circular flange. Used to adapt the "B" style manifolds to the 1800 series risers and elbows.
12. **BG** **Gasket,** end plate. Fits both ends of the "B" style manifolds.

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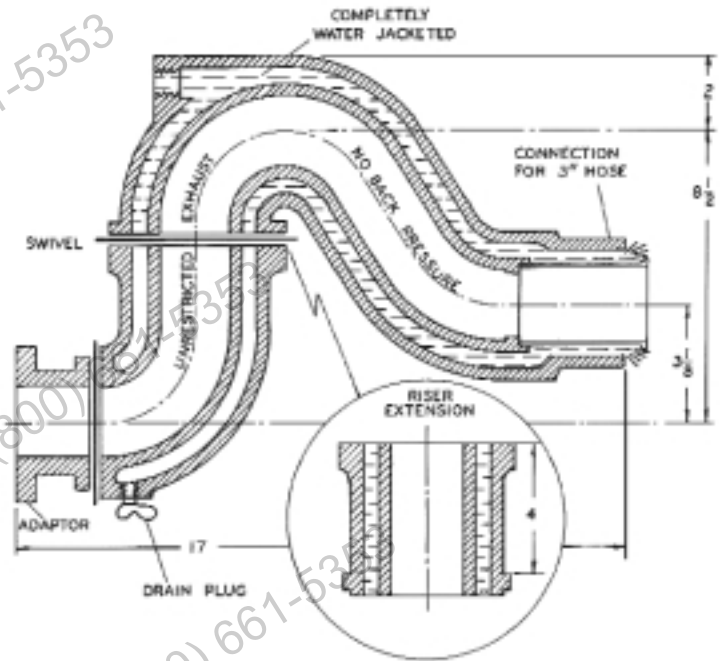
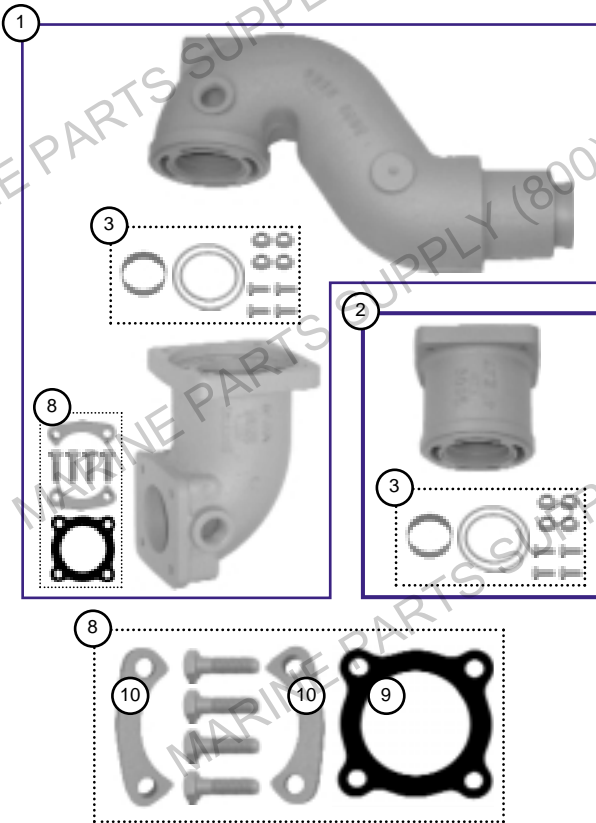
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For Conversion Manifolds

Necessary pipe plugs are included.



1. **1812-8** Riser, 8 1/2". Includes 1812 lower elbow, 5639 riser, 1800-K mounting kit, and 7087-MK mounting kit.
2. **4EXT-12** Spacer, 4". Includes spacer # 4-EXT and mounting kit 7087-MK.
3. **7087-MK** Mounting Kit, swivel elbow and extension. Includes 7087 sleeve, 7087-OR O-ring set and 5639-CL clamp set. See tech tips page 78.
4. **1815-5** Riser, 5". Body only. Attaches to the manifold using the RB or RA adapters.
4. **1815-5x52A** Riser ass'y, 5". With A style elbow for 2 3/8" hose. Includes (2) 1800-K mtg kits, 1815-A pipe and 52A elbow.
4. **1815-5x52B** Riser ass'y, 5". With B style elbow for 2 3/8" hose. Includes (2) 1800-K mtg kits, 1815-A pipe and 52B elbow.
4. **1815-5x52C** Riser ass'y, 5". With C style elbow for 2 3/8" hose. Includes (2) 1800-K mtg kits, 1815-A pipe and 52C elbow.
4. **1815-5x525A** Riser ass'y, 5". With A style elbow for 3" hose. Includes (2) 1800-K mtg kits, 1815-A pipe and 525A elbow.
4. **1815-5x525B** Riser ass'y, 5". With B style elbow for 3" hose. Includes (2) 1800-K mtg kits, 1815-A pipe and 525B elbow.
5. **1815-8** Riser, 8". Attaches to the manifold using the RB or RA adapters.
5. **1815-8x52A** Riser ass'y, 8". With A style elbow for 2 3/8" hose. Includes (2) 1800-K mtg kits, 1815-A pipe and 52A elbow.
5. **1815-8x52B** Riser ass'y, 8". With B style elbow for 2 3/8" hose. Includes (2) 1800-K mtg kits, 1815-A pipe and 52B elbow.
5. **1815-8x52C** Riser ass'y, 8". With C style elbow for 2 3/8" hose. Includes (2) 1800-K mtg kits, 1815-A pipe and 52C elbow.
5. **1815-8x525A** Riser ass'y, 8". With A style elbow for 3" hose. Includes (2) 1800-K mtg kits, 1815-A pipe and 525A elbow.
5. **1815-8x525B** Riser ass'y, 8". With B style elbow for 3" hose. Includes (2) 1800-K mtg kits, 1815-A pipe and 525B elbow.
6. **1815-A** Water Pipe. Included with 1815 series riser ass'y. **See note on next page.**
7. **Riser Elbows** Elbows. A, B, or C style elbows.
8. **1800-K** Mounting Kit. Fits 1800 series risers. Includes (2) RC1817 riser clamps, RG gasket, and mounting hardware.
9. **RG** Gasket, riser. Included in 1800-K.
10. **RC1817** Riser Clamp. Included in 1800-K.

NOTE: These risers attach to the conversion manifolds using the RA or RB style adapters. The RA and RB adapters are included with the manifold or can be purchased separately. See pages 46 - 51.

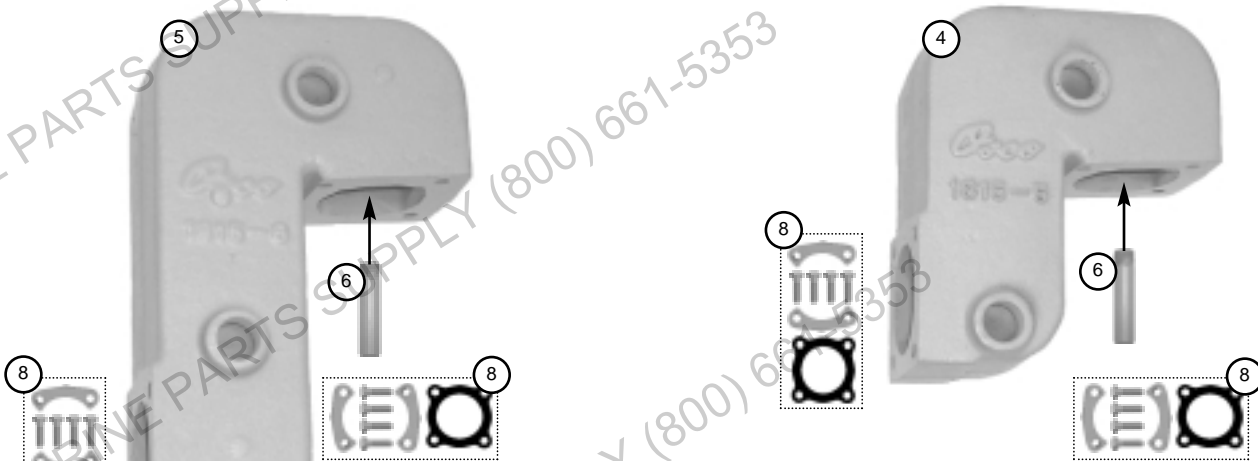
Necessary pipe plugs are included.

Risers

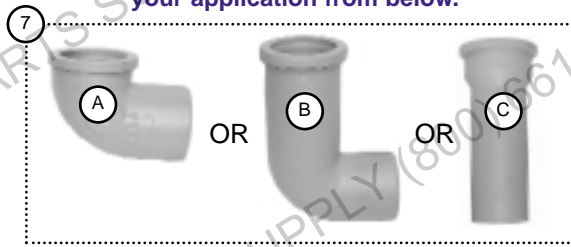
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For Conversion Manifolds



Choose the elbow that best fits your application from below.



A = Short 90° Elbow

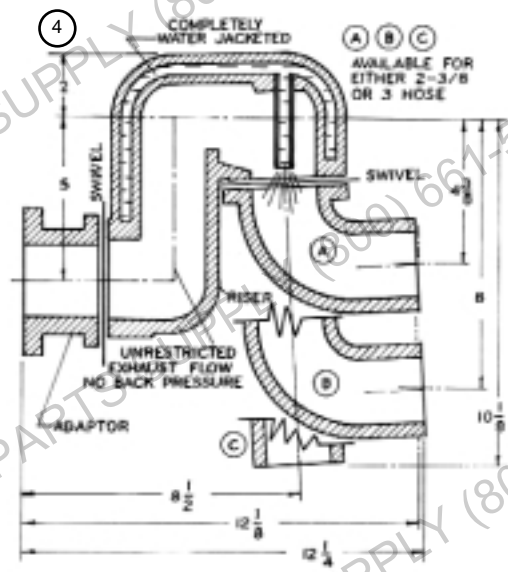
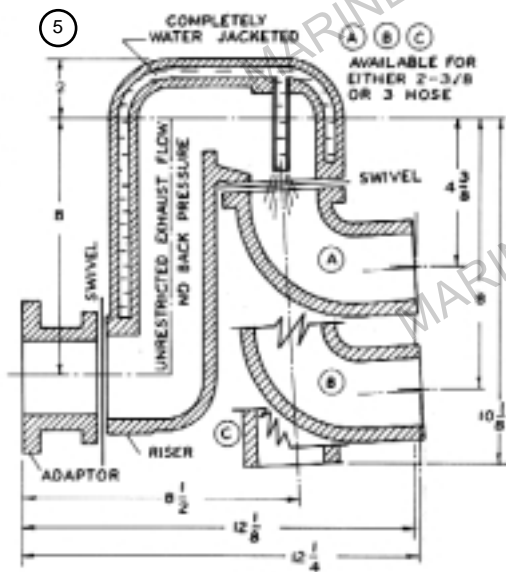
B = Long 90° Elbow

C = Straight Connector

7 52A = 2³/₈" Outlet
 7 525A = 3" Outlet

7 52B = 2³/₈" Outlet
 7 525B = 3" Outlet

7 52C = 2³/₈" Outlet.



NOTE: The 1815-A Water Pipe must be installed in the 1815 series risers. Without this pipe the water will not flow properly, and can result in water ingestion. The 1815-A is included with the riser assembly.

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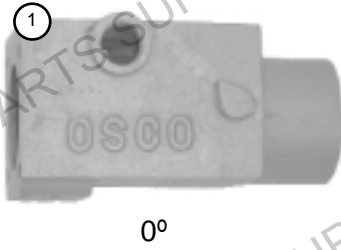
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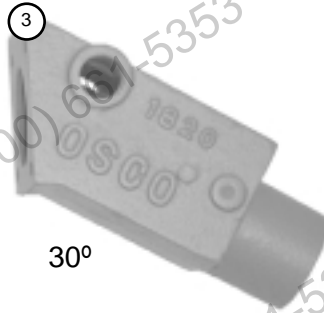
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Necessary pipe plugs are included.

For Conversion Manifolds



0°



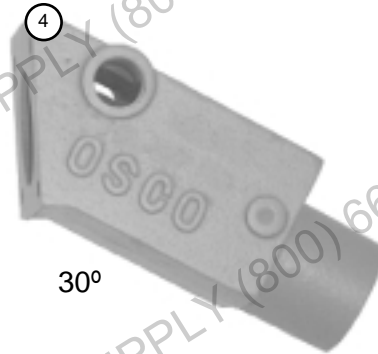
30°



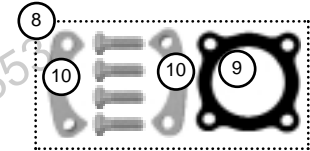
90°



0°



30°



The **1800-K** is included with each of the 1800 series elbows.



70°



70°

- 1. **1830** Elbow, straight, 2³/₈" outlet. Includes 1800-K mounting kit.
- 2. **1835** Elbow, straight, 3" outlet. Includes 1800-K mounting kit.
- 3. **1820** Elbow, 30°, 2³/₈" outlet. Includes 1800-K mounting kit.
- 4. **1825** Elbow, 30°, 3" outlet. Includes 1800-K mounting kit.
- 5. **1845** Elbow, 90°, 3" outlet. Includes 1800-K mounting kit.
- 6. **1870-V6** Elbow, 70°, 2³/₈" outlet. Includes 1800-K mounting kit.
- 7. **1870-V8** Elbow, 70°, 2³/₈" outlet. Includes 1800-K mounting kit.
- 8. **1800-K** Mounting Kit, adapter to elbow. Fits 1820, 1825, 1830, 1835, 1845, 1870-V6, and 1870-V8. Includes RG gasket, (2) RC1817 riser clamps and mounting hardware.
- 9. **RG** Gasket, elbow. Included in 1800-K mounting kit.
- 10. **RC1817** Riser Clamp. (2) Included in 1800-K mounting kit.

NOTE: These elbows attach to the conversion manifolds using the RA or RB style adapters. The RA and RB adapters are included with the manifold or can be purchased separately. See pages 46 - 51.

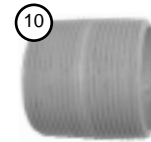
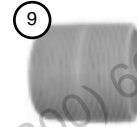
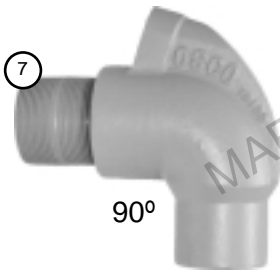
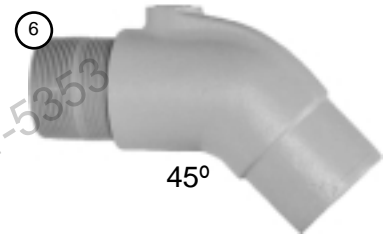
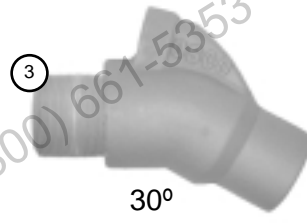


Elbows:

OSCO


**Marine
Parts
Supply
of Canada**
1520 Stewart Ave
Nanaimo, B.C.
V9S 4E1
ph (800) 661-5353
fax (250) 754-9471

For Conversion Manifolds



1. **18300** Elbow, Straight, 2³/₈" outlet, 2" MPT. Includes 2" Nipple.
2. **18350** Elbow, Straight, 3" outlet, 2¹/₂" MPT Includes 2¹/₂" Nipple.
3. **18200** Elbow, 30°, 2³/₈" outlet, 2" MPT Includes 2" Nipple.
4. **18250** Elbow, 30°, 3" outlet, 2¹/₂" MPT Includes 2¹/₂" Nipple.
5. **18500** Elbow, 45°, 2³/₈" outlet, 2" MPT Includes 2" Nipple.
6. **18550** Elbow, 45°, 3" outlet, 2¹/₂" MPT Includes 2¹/₂" Nipple.
7. **18400** Elbow, 90°, 2³/₈" outlet, 2" MPT Includes 2" Nipple.
8. **18450** Elbow, 90°, 3" outlet, 2¹/₂" MPT Includes 2¹/₂" Nipple.
9. **CN2** Nipple, 2". Heavy duty.
10. **CN2.5** Nipple, 2¹/₂". Heavy duty.
11. **EB-2** Bushing, 2" to 2¹/₂"

NOTE: These elbows attach to the conversion manifolds using the AE (2" pipe thread) or BE (2¹/₂" pipe thread) adapters. The AE and BE adapter are included with the manifolds or can be purchased separately. See pages 47-51 for the correct manifold or adapter.

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FAX (215) 822-5394

Thermostat Housing Assembly

Raw Water, Dual Pump.

Oscos thermostat assemblies provide even heat distribution and temperature control for most commonly used raw water cooled marine engines. They are approved by GM and Ford. By using both the automotive style circulator and raw water pump, OSCO thermostat assemblies assure even heat distribution as well as full manifold and tailpipe cooling, even when the engine is cold and the thermostat is closed. Oscos thermostat assemblies can be used with most OEM raw water pumps.

1

GM Inline 4 and 6 cylinder.
Fits 153 - 292 cu.in. Chevrolet engines.

1. **CY55M** Thermostat Housing Assembly.
1a. **F55H** Thermostat Cover.
1b. **F55-G** Gasket, thermostat cover to base.
1c. **143-DEG** Element, 143° for raw water cooling.
1d. **F55BY** Thermostat Base.

2

GM Small Block V6 and V8.
Fits 229 - 400 cu.in. Chevrolet engines.

2. **CV55** Thermostat Housing Assembly.
2a. **F55O** Thermostat Cover.
2b. **F55-G** Gasket, thermostat cover to base.
2c. **143-DEG** Element, 143° for raw water cooling.
2d. **F55BO** Thermostat Base.

3

GM Big Block V8
Fits 348 - 454 cu.in. Chevrolet engines.

3. **CW55** Thermostat Housing Assembly.
3a. **F55O** Thermostat Cover.
3b. **F55-G** Gasket, thermostat cover to base.
3c. **143-DEG** Element, 143° for raw water cooling.
3d. **F55BO-CW** Thermostat Base.

4

Ford Small Block V8.
Fits 221 - 351 cu.in. Ford engines.

4. **FL55** Thermostat Housing Assembly.
4a. **F55** Thermostat Cover.
4b. **F55-G** Gasket, thermostat cover to base.
4c. **143-DEG** Element, 143° for raw water cooling.
4d. **F55C** Thermostat Base.

5

Ford Big Block V8
Fits 429 - 460 cu.in. Ford engines.

5. **FH55** Thermostat Housing Assembly.
5a. **F55H** Thermostat Cover.
5b. **F55-G** Gasket, thermostat cover to base.
5c. **143-DEG** Element, 143° for raw water cooling.
5d. **F55HB** Thermostat Base.

6

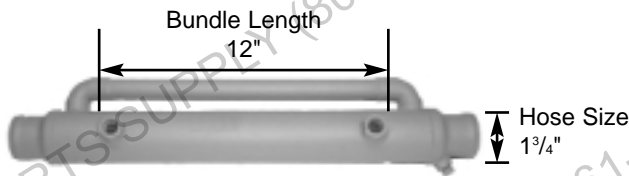
Oldsmobile V8
Fits 260 - 455 cu.in. Oldsmobile engines.

6. **OL55** Thermostat Housing Assembly.
6a. **F55O** Thermostat Cover.
6b. **F55-G** Gasket, thermostat cover to base.
6c. **143-DEG** Element, 143° for raw water cooling.
6d. **F55BO-OL** Thermostat Base.



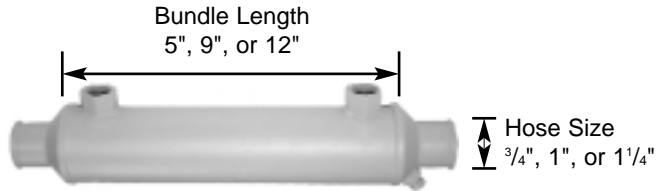
Note: For information on Crusader oil coolers see page 21.

OIL COOLERS

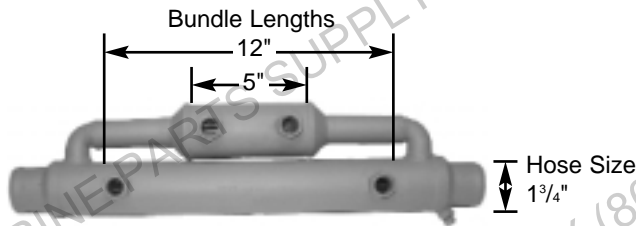


1234

Oil Cooler. For keel cooling



Oil Cooler



9398

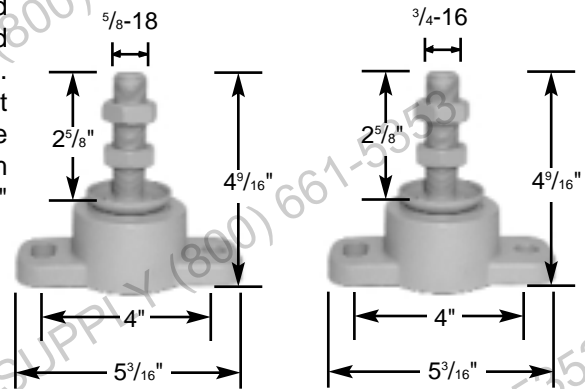
Dual Oil Cooler. For keel cooling. Engine oil and transmission oil.

Part No.	Bundle Length	Hose ID
50C-075	5"	3/4"
50C-100	5"	1"
50C-125	5"	1 1/4"
90C-075	9"	3/4"
90C-100	9"	1"
90C-125	9"	1 1/4"
120C-075	12"	3/4"
120C-100	12"	1"
120C-125	12"	1 1/4"

ENGINE MOUNTS

These adjustable anti-vibration engine mounts are specifically designed to withstand temperature extremes and prolonged exposure to salt, atmosphere, oil and grease. Their design and construction gives a soft cushioning effect under normal loads. There is no metal to metal contact at any point over the weight range, eliminating any danger of excessive impact. These mounts have a one inch vertical adjustment using two hex jam nuts. The mounting holes are 4" on center and will accept 1/2" bolts.

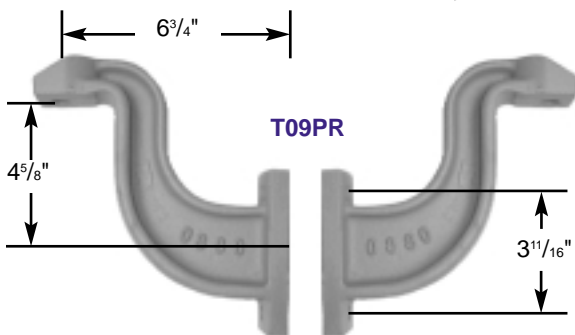
Part No.	Length	Width	Height	Stud Thread
DF-206	5 3/16"	2 3/4"	4 9/16"	5/8-18
DF-216	5 3/16"	2 3/4"	4 9/16"	3/4-16



DF-206

DF-216

Note: These two mounts replace most of the mounts in use on in-line 4 / 6 cylinder and V6 and V8 gasoline engines produced since the early 70's. They are used on most I/O and Inboard gasoline engines from Mercruiser, OMC, Volvo, Marine Power, Indmar and Pleasurecraft and will also replace the Osco #'s DF-200 and DF-210 which measured 4 3/16" H x 5" L x 2 3/4" W x 2 1/2" stud.



T09PR

TRANSMISSION MOUNTS

These mounts will fit all Warner Velvet Drive transmissions, as well as most Paragon transmissions.

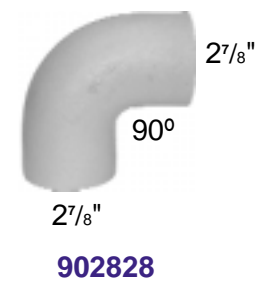
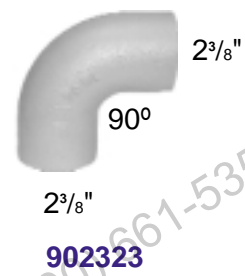
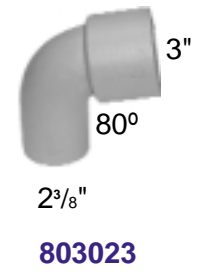
T09PR Transmission Mount, Pair. Mounts 4 5/8" above centerline of transmission on 3 1/16" bolt centers.



Cast Iron Elbows

Sold individually

Cast Iron



58 Hose Adapters

Cast Iron



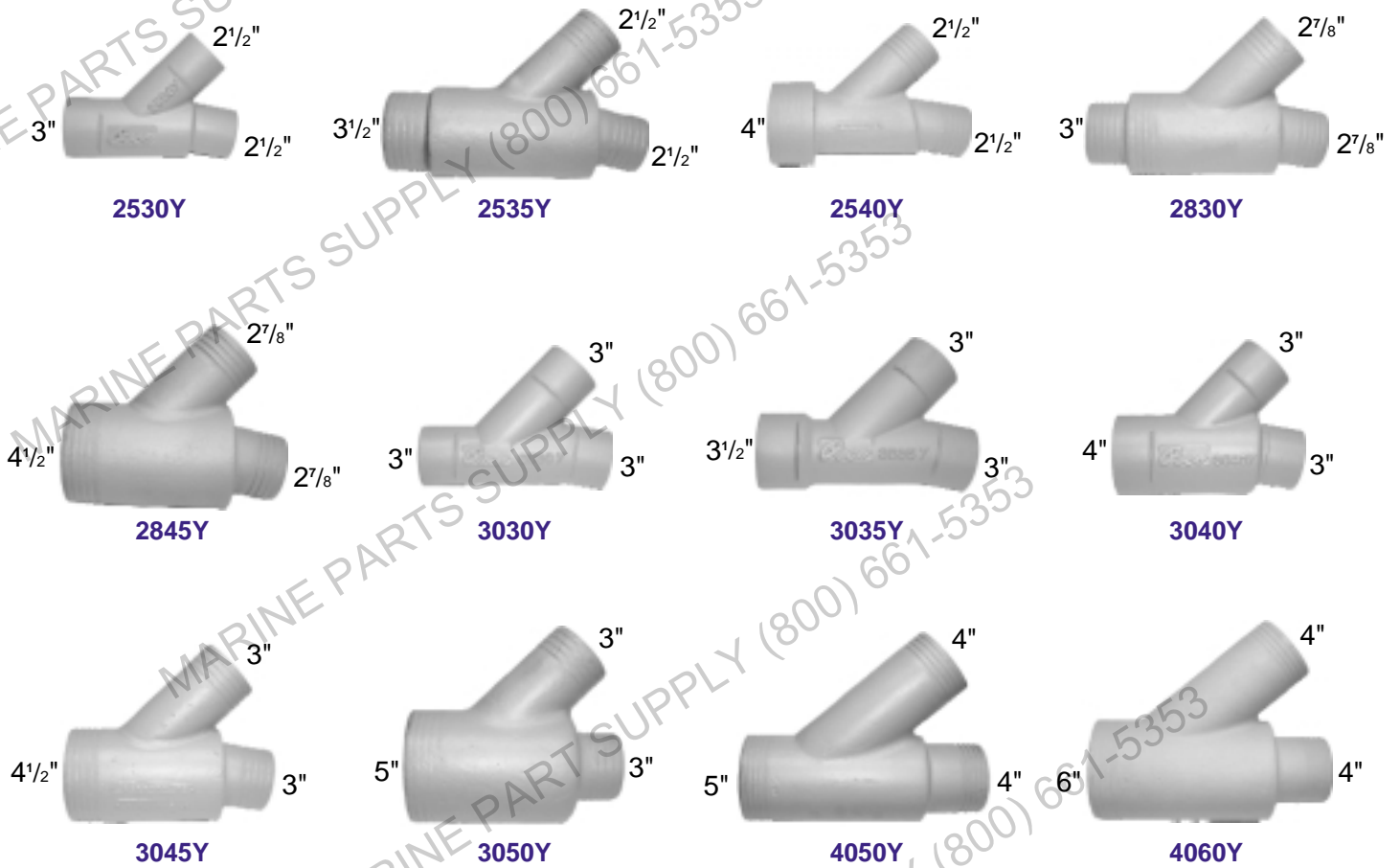
NOTE: For elbow and hose adapter kits see page 41.



Sold individually

Exhaust V

Cast Iron



Exhaust Tees

59

Cast Iron



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Aluminum

Engines are listed by the car division that manufactures the engine. For example, the 231 CID V6 engine in an Oldsmobile is manufactured by, and listed under Buick.


Buick, Oldsmobile, Pontiac



BT

225, 231 cu.in. V6 Buick (1964-up)
300-455 cu.in. V8 Buick (1957-up)
260-455 cu.in. V8 Olds (1964-up)
260, 350 cu.in. Olds Diesel (1978-up)
301-455 cu.in. V8 Pontiac (1964-up)


Chevrolet Straight Six



CW

198-292 cu.in. 6 cyl Chevrolet (1962-up)
12" Flywheel

Chevrolet V6 and V8



CV

262-454 cu.in. V8 Chevrolet (1955-up)
14" Flywheel
Use with block mounted or bell housing mounted starter.


Chevrolet Diesel



CD

6.2/6.5 liter Chevrolet diesel (1982-up)


Ford V8



FH

429,460 cu.in. V8 Ford (1968-up)


Ford Diesel



DF

144-193 cu.in. Ford diesel (1953-up)

Ford Diesel



DE

220-380 cu.in. Ford Diesel (1955-up)

SAE Pattern #2



E2

SAE Pattern #3



E3

NOTE: The bell housings adapt Borg/Warner Velvet Drive and Paragon models P, G, and HF7 transmissions to the engines listed.

DRIVE DAMPER

Transmission Drive Damper Plates for Flywheel End

TRIANGULAR
FLYWHEEL END

<u>Part #</u>	<u>Center to Outside</u>	<u>Spline</u>	<u>Cubic Inch Displacement</u>
AS1K2C	6 ³ / ₁₆ "	26	UP TO 175 CID
AS4K2C*	6 ⁵ / ₈ "	26	251 to 360 CID



* Most commonly used on 318 - 360 Chrysler, 302 - 351 Ford and 283 - 350 Chevrolet engines, inboard applications.

FULL CIRCLE
FLYWHEEL END

<u>Part #</u>	<u>Outside</u>	<u>Spline</u>	<u>Cubic Inch Displacement</u>
AS7K2	13 ⁵ / ₁₆ "	10	331 to 459 CID
AS7K2C*	13 ³ / ₁₆ "	26	331 to 459 CID



* Most commonly used on 383 - 440 Chrysler, 396 - 454 Chevrolet, and 455 Oldsmobile engines, inboard applications.

Transmission Drive Damper Plate for Timing Gear End (Flywheel Forward)

SMALL CIRCLE
TIMING GEAR END

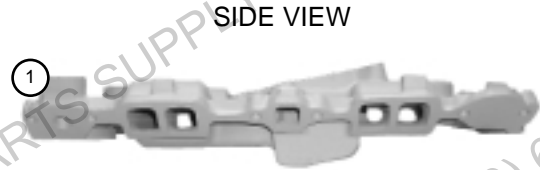
<u>Part #</u>	<u>Outside</u>	<u>Spline</u>	<u>Cubic Inch Displacement</u>
AS1K1C	6 ³ / ₁₆ "	26	UP TO 250 CID



Part for: **Chris Craft**

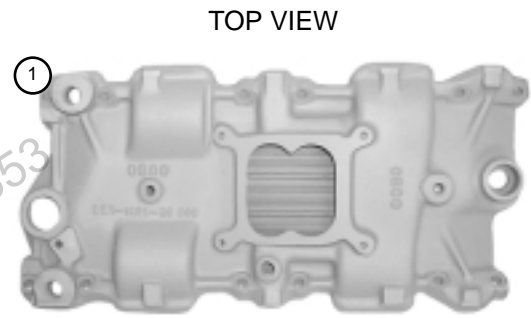
MANIFOLD

Aluminum



SIDE VIEW

Flywheel Forward, Low Profile



TOP VIEW

1. **827-1621-CC** Aluminum intake manifold. Exact replacement for the low profile intake used on GM small block V8 flywheel forward engines marinated by Chris Craft.

INSTRUMENT PANELS

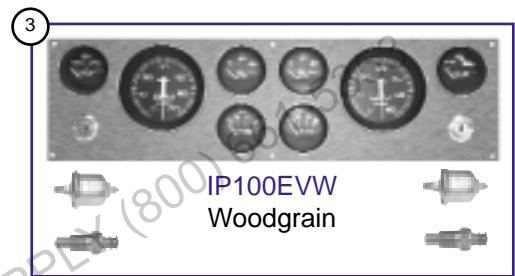
Durable, weather-resistant, marine instrument panels. Each panel includes tachometer for use with 4, 6, or 8 cylinder engines, voltmeter, oil pressure and water temperature gauges with single station senders, panel lights, and ignition switch with two keys. Each panel is fuse protected and plugs directly into OSCO's double ended wire harnesses, available in 10, 20, and 30 foot lengths, which also plug into the 3 foot engine harness.



IP90EV
Black



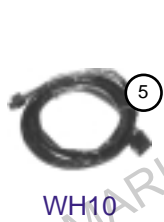
IP100EV
Black



IP100EVW
Woodgrain



WH-3



WH10



WH20



WH30

- | | | |
|----|-----------------|------------------------|
| 1. | IP90EV | Single Panel, Black |
| 2. | IP100EV | Dual Panel, Black |
| 3. | IP100EVW | Dual Panel, Wood Grain |
| 4. | WH-3 | Engine Harness, 3 Ft. |
| 5. | WH10 | Wire Harness, 10 Ft. |
| 6. | WH20 | Wire Harness, 20 Ft. |
| 7. | WH30 | Wire Harness, 30 Ft. |



PIPE PLUGS



1016002
1/8" MPT
Brass

1016004
1/4" MPT
Brass

1016006
3/8" MPT
Iron

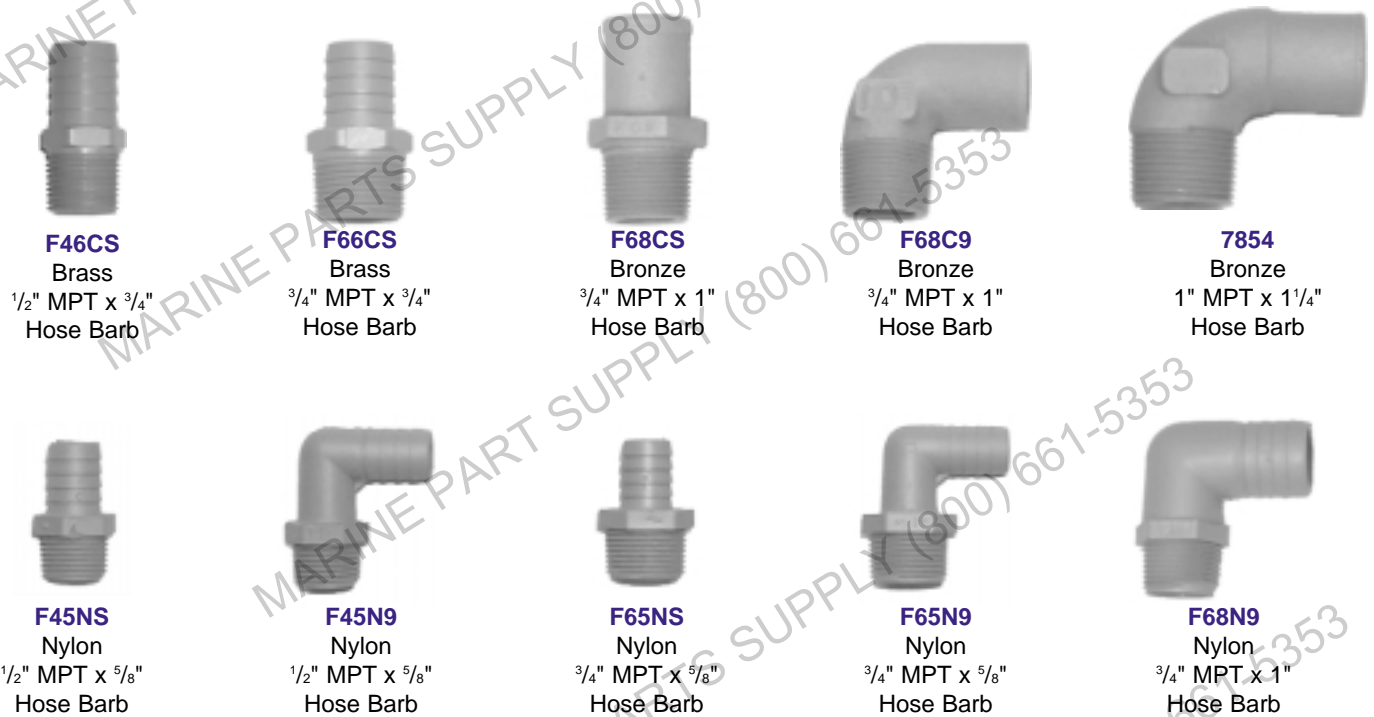
1016008
1/2" MPT
Iron

1016012
3/4" MPT
Iron

1016016
1" MPT
Iron

3882
1 1/8"
Expansion Plug
Brass

FITTINGS



F46CS
Brass
1/2" MPT x 3/4"
Hose Barb

F66CS
Brass
3/4" MPT x 3/4"
Hose Barb

F68CS
Bronze
3/4" MPT x 1"
Hose Barb

F68C9
Bronze
3/4" MPT x 1"
Hose Barb

7854
Bronze
1" MPT x 1 1/4"
Hose Barb

F45NS
Nylon
1/2" MPT x 5/8"
Hose Barb

F45N9
Nylon
1/2" MPT x 5/8"
Hose Barb

F65NS
Nylon
3/4" MPT x 5/8"
Hose Barb

F65N9
Nylon
3/4" MPT x 5/8"
Hose Barb

F68N9
Nylon
3/4" MPT x 1"
Hose Barb

ZINC PENCILS



2209-ZP
For 2209 Series
oil coolers

1290-ZP
For 1290 Series
Heat Exchangers

VO-ZP
For Volvo
VO418 Manifold



GASKETS

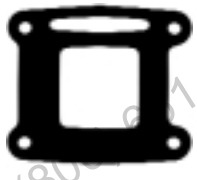
See tech tips on pages 74-79 for gasket information.



0188-G
OMC
Riser Gasket



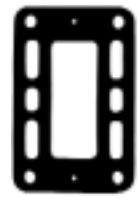
05944
Chris Craft
End Plate
Gasket



0879-G
MerCruiser
Elbow/Reservoir
Gasket



121
Chrysler
End Plate
Gasket



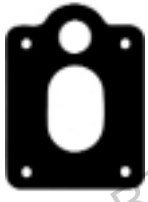
35908
Volvo
Riser Gasket



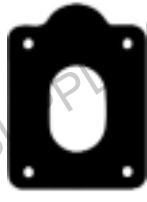
41812
MerCruiser
Thermostat
Cover Gasket
Center Riser



47510
MerCruiser
Thermostat
Element Gasket



480
Chrysler
Riser/Elbow
Gasket
Open



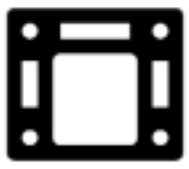
480-FW
Chrysler
Riser/Elbow
Gasket
Block Off



48043
MerCruiser
End Plate
Gasket



48818
MerCruiser
Thermostat
Cover Gasket
Log Style



4DF-G
OSCO
End Plate
Gasket
4DF418A



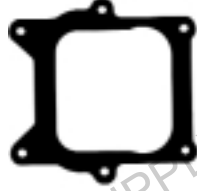
50456-G
OMC
Riser Gasket



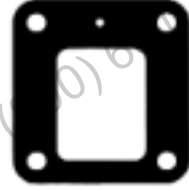
52076
MerCruiser
Riser Gasket



5538-G
MerCruiser
Riser Gasket



58764
MerCruiser
Carburetor
Gasket



60207
MerCruiser
Stainless Steel
Plate with
Weep Hole
(raw water)



6022
Chris Craft
End Plate
Gasket



6108
Crusader
Riser Gasket
3 Holes



6562
Crusader
Elbow Gasket
1 Hole



6DF-G
OSCO
End Plate
Gasket



7081-GH
Chrysler
Manifold to Cylinder Head
Gasket
Big Block V8 383-440



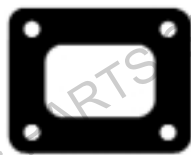
7296
Crusader
Stainless Steel
Plate
Block Off
(fresh water)



See tech tips on page 74-79 for gasket information.

GASKE

**Marine
Parts
Supply
of Canada**
1520 Stewart Ave
Nanaimo, B.C.
V9S 4E1
ph (800) 661-5353
fax (250) 754-9471



8124

Crusader

Stainless Steel
Plate
Block Off



826-GH

Chrysler

Manifold to Cylinder Head Gasket
3 Pieces
Small Block V8 318-360



8503-GB

Mercruiser

Riser Gasket
Block Off



8503-GO

Mercruiser

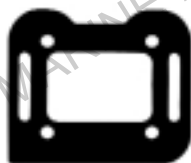
Riser Gasket
Open



8503-GR

Mercruiser

Riser Gasket
Restrictor



8561-G

Mercruiser

Elbow/Reservoir
Gasket



9015-G

Crusader

Riser Gasket



9863-G

OMC

Riser Gasket



992-G

Marine Power,
Barr, Indmar

Riser Gasket



992-G-FW

Marine Power,
Barr, Indmar

Riser Gasket
Block Off



AG

OSCO

End Plate
Gasket
"A" Style



BG

OSCO

End Plate
Gasket
"B" Style



CRR-G

OSCO

Riser Gasket
Center Riser V8



CRR-G-FW

OSCO

Riser Gasket
Center Riser V8
Block Off



CRR-G-SP

OSCO

Stainless Steel
Plate
Center Riser V8



CRR-2-G

OSCO

Riser Gasket
Center Riser V6



CRR-2-G-FW

OSCO

Riser Gasket
Center Riser V6
Block Off



CS-GH

GM

Manifold to Cylinder Head Gasket
V6



CV-GH

GM

Manifold to Cylinder Head Gasket
Small Block V8



CW-GH

GM

Manifold to Cylinder Head Gasket
Big Block V8

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GASKETS

See tech tips on pages 74-79 for gasket information.



CY4-GH
GM

Manifold to Cylinder Head Gasket
4 Cylinder



CY6-GH
GM

Manifold to Cylinder Head Gasket
In Line 6 Cylinder



CY-MG
2BBL Rochester

Carburetor
Gasket



F55-G
OSCO

Thermostat
Cover Gasket



FL-GH
Ford

Manifold to Cylinder Head Gasket
Small Block V8



M0002
PleasureCraft

Riser Gasket



ME-G
OSCO

Carburetor
Adapter Gasket
ME153



MO4-GH
GM

Manifold to Cylinder Head Gasket
4 Cylinder
Large port



MO4-HO-GH
GM

Manifold to Cylinder Head Gasket
High Output 4 Cylinder
Small port



MO418-G
OSCO

Riser Adapter
Gasket



MO618-G
OSCO

Riser Adapter
Gasket



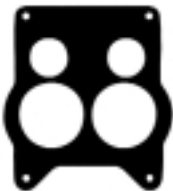
MWF-G
Mercruiser

End Plate
Gasket



MWS-G
Mercruiser

End Plate
Gasket



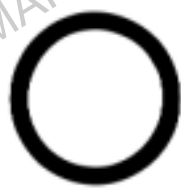
OL4V-G
4BBL QuadraJet

Carburetor
Gasket



RAC-G
OSCO

Riser Gasket



RBC-G
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Riser Gasket



RG
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VO-GH
Volvo

Manifold to Cylinder Head Gasket
4 Cylinder



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OEM to OSCO Cross Reference



Aqua Power to OSCO

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329	FL-GH	5516	52374	5702	5538	5717	7772
5051	106	5517	994	5703	6325	5718	7924
5052	106-T	5518	28001	5704	794	5719	8068
5500	7114B2	5519	826	5705	992	5720	7386
5504	FL994	5520	7081	5706	4354	5721	7387
5505	9745	5521	7753	5707	6771	5722	7624
5506	9011	5522	7752	5708	9863	5723	689
5508	7234B	5523	7992	5709	0188	5725	0879
5509	7235B	5523	7992	5710	56879	5726	2076
5510	5603	5524	7993	5711	50456	5727	99204
5511	5604	5524	7993	5712	5639	5750	1851
5512	2441	5528	8759	5713	29001	5751	3320
5513	2442	5532	CW994	5714	0402	5752	3322
5514	VO418	5700	8503A	5715	9234		
5515	5805	5701	6351	5716	7169		

Barr to OSCO

Barr #	OSCO #	Barr #	OSCO #	Barr #	OSCO #	Barr #	OSCO #
1-0019	BG	CHV-47-0120	CY4-GH	CR-1-97993	7993	MC-20-90880	0879
1-0007	RS3-4	CHVA-1-84	CW994	CR-20-97924	7772	MC-20-93320A3	3320
1-0067	7081-E	CHVA-47-0000	CW-GH	CR-20-98068	8068	MC-20-93322A3	3322
1-0105	992-G-FW	CM-1-5972-C	121	CR47-C-96108	6108	MC-20-98504	8503A
1-0107	992-G	CM-1-5972-D	424	CR47-C-96562	6562	MC47-27-41811	8503-GB
1-60252	60252	CM-1-5972PKG	(2)7081-GH	MC-1-58759	8759	MC47-27-41812	41812
20-0082	992	CM-1-5972-GPKG	7081-MK	MC-1-65603	5603	MC47-27-41813	8503-GR
20-0097	994-S3	CM-1-6672-B	106	MC-1-65604	5604	MC47-27-48818	48818
20-0100	99204	CM-1-6672-H	106-T	MC-1-77234	7234B	MC47-27-52076	52076
20-0102	2018	CM-1-6677-A	826	MC-1-77235	7235B	MC47-27-87105	8503-GO
21-0005	CY-MG	CM-20-2600402	0402	MC-1-89011	9011	OMC-1-912441	2441
50-512-019	F66CS	CM-20-4142411	5639	MC-1-99746	9745	OMC-1-912442	2442
50-525-020	F68C9	CM-20-6672	794	MC-20-44354	4354	OMC-1-914035	52374
50-512-020	F68CS	CM-20-9225and6	7087-OR	MC-20-55538	5538	OMC-20-910380	0188
CC47-1650-05944	05944	CM-20-9234	9234	MC-20-61851A2	1851	OMC-20-913784	50456
CC47-1650-06022	6022	CR-1-97752	7752	MC-20-76325	6325	OMC-20-982680	9863
CHV-1-83	994	CR-1-97753	7753	MC-20-76351	6351	VO-1-835804	5805
CHV-47-0000	CV-GH	CR-1-97992	7992	MC-20-76771	6771	VO-20-855384	56879

Boat U.S. - Boat America to OSCO

Boat America #	OSCO #	Boat America #	OSCO #	Boat America #	OSCO #	Boat America #	OSCO #
274001	0402	274013	5604	274025	7169	274037	8503A
274002	0879	274014	5603	274026	7234B	274038	8561
274003	1851	274015	5639	274027	7235B	274039	9011
274004	2441	274016	56879	274028	7752	274040	9745
274005	2442	274017	5805	274029	7753	274041	9863
274006	28001	274018	6351	274030	7772	274042	992
274007	29001	274019	639	274031	7924	274043	994
274008	4-EXT	274020	6771	274032	794	274044	CRR-1
274009	4354	274021	689	274033	7992	274045	CVCR818
274010	50456	274022	7056	274034	7993	274046	FL994
274011	52374	274023	7081	274035	8068	274047	FLCR818
274012	5538	274024	7114B2	274036	826	274048	VO418

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Boat U.S. - Boat America to OSCO (cont.)

	OSCO #	Boat America #	OSCO #	Boat America #	OSCO #	Boat America #	OSCO #
	05944	274076	5805-MK	274100	826-MK	274124	CRR80x3.5
274052	106	274077	60207	274101	826-MK-SS	274125	CV-GH
274053	106-T	274078	6022	274102	826-SS	274126	CVCR-MK
274054	121	274079	60252	274103	8503-GB	274127	CW-GH
274055	121-MK	274080	60252-MK	274104	8503-GO	274128	FL-GH
274056	150	274081	6108	274105	8503-GR	274129	FL994-MK
274057	244-MK	274082	6371-MK	274106	8503A-MK	274130	FLCR-MK
274058	28001-MK	274083	6371-MK-SP	274107	8561-G	274131	M0002
274059	29001-MK	274084	6562	274108	8561-MK	274132	NWK
274060	35908	274085	6562-MK	274109	9011-MK	274133	VO-GH
274061	4354-MK	274086	7056-MK	274110	9745-MK	274134	VO-MK
274062	480	274087	7081-GH	274111	9863-G	274135	VO-ZP
274063	480-FW	274088	7081-MK	274112	9863-MK	274136	F68C9
274064	480-MK	274089	7087-MK	274113	992-G	274137	CS-GH
274065	480-MK-FW	274090	7087-OR	274114	992-G-FW	274138	8759
274066	48043	274091	7169-MK	274115	992-MK	274139	56879-MK
274067	50456-G	274092	7214-MK	274116	992-MK-FW	274140	8759-MK
274068	50456-MK	274093	7296	274117	994-MK	274141	58764
274069	52076	274094	775-MK	274118	CRR-G	274142	CY6-GH
274070	54870	274095	775-MK-A	274119	CRR-G-FW	274143	9234
274071	5538-G	274096	7772-MK	274121	CRR-MK	274144	3320
274072	5538-MK	274097	7854	274120	CRR-G-SP		
274073	560-MK	274098	799-MK	274122	CRR-MK-FW		
274074	56879-MK	274099	826-GH	274123	CRR80x3		

Chris Craft to OSCO

Chris Craft #	OSCO #	Chris Craft #	OSCO #	Chris Craft #	OSCO #	Chris Craft #	OSCO #
16.20-07056	7056	16.50-00212	CW-GH	16.50-05944	05944	16.99-07698	12-CC-105
16.20-07686	7056	16.50-05748	CV-GH	16.50-06022	6022	16.99-08771	12-CC-219

Chrysler to OSCO

Chrysler #	OSCO #	Chrysler #	OSCO #	Chrysler #	OSCO #	Chrysler #	OSCO #
2469639	639	2847404	5639	3527896	106-T	E7081M	7081
2469557	557	2847405	639	3619659	7801	E9923M	5639
2469559	480	2847480	480	3675141	12-CH-357	E9924M	7087
24965566	826	2847623	5639	3675826	826	3619665	121
2600402	0402	2847886	12-CH-339	3745639	5639	E7228M	7081-GH (2)
2846104	106	3527087	7087	9225 and 9226	7087-OR		
2846689	689	3527794	794	E2934M	9234		

Crusader to OSCO

Crusader #	OSCO #	Crusader #	OSCO #	Crusader #	OSCO #	Crusader #	OSCO #
97433	12-CR-913	97296	7296	97854	7854	98125	8125
97913	12-CR-913	97386	7386	97924	7924	98128	8128
97434	12-CR-930	97387	7387	97114	7992	98234	8234
97930	12-CR-930	97624	7624	97992	7992	98126	9015
98123	2209-49	96120	7752	97115	7993	RO29015	9015
97878	2209-89	96121	7752	97911	F68CS	98127	9015-G
96108	6108	97752	7752	97993	7993	96306	CV-GH
96562	6562	97753	7753	98068	8068	96653	CW-GH
97369	7169	97772	7772	98124	8124	727003	F68C9



Indmar #	OSCO #	Indmar #	OSCO #	Indmar #	OSCO #	Indmar #	OSCO #
53-2008	F68CS		992		994		FL994
53-2009	2018		99204		CV-GH		FL994
53-2018	2018		992-G		F66CS		FL-GH

Marine Power to OSCO

Marine Power #	OSCO #	Marine Power #	OSCO #	Marine Power #	OSCO #	Marine Power #	OSCO #
0000-815H7	F68C9	0992-000	992	0992-400	4354	0994-600	CV-GH
0991-600	CW-GH	0992-001	992-G-FW	0992-593	99204		F66CS
0991-110	CW994	0992-300	992-G	0994-000	994		F68CS

Mercuriser to OSCO

Mercuriser #	OSCO #	Mercuriser #	OSCO #	Mercuriser #	OSCO #	Mercuriser #	OSCO #
12076	2076	27-73866	FL-GH	59137	143-DEG	79607	12-M-282
22-36305	F68C9	27-87105	8503-GO	60207	60207	805629	5629
22-45084	F68CS	27-97542	0879-G	60252	60252	860246	7114B2
23-47508	47508	27-99757	CS-GH	60427	6771	87114	7114B2
27-18272	8561-G	32-44348T	4348	60462	3651	87290	MC552-SB
27-33395	CV-GH	39920	5538	61851	1851	89011	9011
27-39917	MWS-G	39950	ME-153	63107	12-M-158	90736	MC552-BB
27-41811	8503-GB	42673	9798	63122	ME153	90880	0879
27-41812	41812	44354	4354	65603	5603	93320	3320
27-41813	8503-GR	47441	MC55-TSB	65604	5604	93322	3322
27-46401	CY6-GH	47442	MC55-TBB	73811	MWF	95862	5862
27-46820	CW-GH	47638	MWS	76325	6325	96705	6705
27-47510	47510	49964	3651	76351	6351	98503	8503A
27-48043	48083	52390	6705	76771	6771	98504	8503A
27-48818	48818	54099	5604	77234B	7234B	98562	8561
27-52076	52076	54100	5603	77235B	7235B	99438	12-M-421
27-52546	CY4-GH	54870	54870	77319	12-M-260	99745	9745
27-58764	58764	55538	5538	78984	MC553-SB	99746	9745
27-73812	MWF-G	58759	8759	78985	MC553-BB	99798	9798

OMC to OSCO

OMC #	OSCO #	OMC #	OSCO #	OMC #	OSCO #	OMC #	OSCO #
313851	C20	385780	C16	909312	2228	912627	C16
3850456	50456-G	907932	CY6-GH	909314	CV-GH	913783	50456-G
3850456	54056	908013	0188-G	909786	9863-G	913784	54056
3850476	2229	908488	2228	909829	2229	914035	52374
3852374	52374	908717	FL-GH	909863	9863	980020	0188
3852468	CV-GH	909218	9863	910144	2442	980188	0188
3852476	2229	909279	2442	912441	2441	982680	9863
3855270	54056	909280	2441	912442	2442		

Pleasurecraft to OSCO

Pleasurecraft #	OSCO #	Pleasurecraft #	OSCO #	Pleasurecraft #	OSCO #	Pleasurecraft #	OSCO #
RM0002	M0002	RO29001	29001	024006A	F68C9	M0007	FL-GH
RO28001	28001						



Sierra to OSCO

OSCO #	Sierra #	OSCO #	Sierra #	OSCO #	Sierra #	OSCO #
879-G	18-1946	794	18-1973	5538	18-2854	992-G
L-GH	18-1950	7234B	18-1975	2076	18-2875	0188-G
18-0418	18-1951	7235B	18-1976	4354	18-2909	CS-GH
18-0872	18-1952	9745	18-1977	MC55-TSB	18-2941	480
18-0881	18-1953	7114B2	18-1978	6771	18-2971	35908
18-0897	18-1954	5862	18-1995	MWS	18-3575	CP-C46
18-1293	18-1955	6705	18-1997	994	18-3584	CP-FSB
18-1902	18-1956	9798	18-1998	FL994	18-4008	60207
18-1903	18-1957	9011	18-1999	992	18-4009	60252
18-1921	18-1958	5604	18-2429	CV-GH	18-4360	480-MK
18-1930	18-1960	8759	18-2554	41812	18-4361	480-MK
18-1931	18-1962	5603	18-2832	48043	18-4362	6351-MK
18-1935	18-1970	8503A	18-2833	52076	18-4364	992-MK
18-1940	18-1971	6351	18-2844	48818		
18-1945	18-1972	6325	18-2849	8503-GO		

Volvo to OSCO

Volvo #	OSCO #	Volvo #	OSCO #	Volvo #	OSCO #	Volvo #	OSCO #
834438-4	VO418	835806	5805	855384	56879	855967-6 (4)	VO-GH (1)
8356833	5805	835908	35908	855387-7	VO418	180293	F68C9
835804	5805	841601	CV-GH	856879	56879	3853742	FL-GH
835805	5805	855380	56879	856891	56879		

Tech Tips

When the time comes to replace your manifolds, the easiest way to insure getting the the proper parts for the job is to take a look at your current exhaust system and write down the casting numbers which are on each part. In some cases the number is on the engine side of the manifold and may be hard to see prior to removal. The numbers from your existing parts then can be matched up to the numbers in the cross reference and index on pages 67-74. Some may have no number at all, making it difficult, but not impossible to identify. This is where model number information is handy. Find your engine manufacturer in the table of contents and match up to the model number information on the top of the corresponding page.

When years are listed, this does not refer to the year of the vessel but to the year the engine was manufactured. In many instances the motor can be several years older than the boat.

The installer, whether a hired mechanic or the boat owner, must be aware of the importance of proper gasket installation at the riser to manifold surface. Water leakage at this point is virtually always a gasket seal problem, not a defective part (however, water leakage at an improperly installed gasket will eventually damage the iron parts in addition to allowing water into the engine). Please read our tech tips for installation of gaskets.

Understanding the plumbing of a manifold may help in the installation and reassembly of your manifolds and risers. Familiarize yourself with the OEM service manual and make sketches or photographs of your plumbing system prior to disassembly. This may avoid problems with the installation.

74 Remember to drain water from your manifolds and risers prior to removal of any of the pieces. Failure to drain the parts can result in damage to your engine due to water ingestion.

74 Do not alter or modify gaskets. Order the correct parts for your installation. Remember to paint your manifolds, risers and elbows. Osco's cast iron parts come with a coat of primer and must be top-coated for protection against external corrosion.

