

3.0L EXHAUST MANIFOLD REPLACEMENT KIT

Models Covered

Models Covered	Serial Number or Year
3.0L and 3.0LX gasoline engine models except DDIS ignition and exhaust manifold mounted throttle linkage	1990 and Above

Notice

NOTICE
After completing installation, these instructions should be placed with the product for the owner's future use.

NOTICE
This document is written to aid our dealers and company service personnel in the proper installation or service of our products. Persons who are not familiar with these or similar products produced by Mercury Marine, and who have not been trained in the recommended servicing or installation procedures should have the work performed by an authorized Mercury Marine dealer technician. Improper installation or servicing of the Mercury product could result in damage to the product or personal injury to the installer or persons operating the product.

Parts List

Qty.	Description	Part Number
1	Exhaust manifold assembly	860235A1
1	Reducer bushing, 3/4 - 3/8	22-845175
1	90 degree adaptor assembly	22-862605A1
1	Bushing, 3/8 x 1/2NPT	22-862557
1	Drain plug	22-806608
1	O-ring	25-32506
1	Fuel line	32-14797-1
1	Cylinder head to exhaust manifold gasket	27-815528
1	Exhaust elbow to exhaust manifold	27-99777-2
1	Carburetor to intake/exhaust manifold gasket	27-807982-1
1	Carburetor to intake/exhaust manifold gasket (TKS equipped engines only)	27-866027
1	Nut	11-862902
3	Stud, 3/8 x 5-3/8 in. (137 mm) long	10-806300
2	Screw, 3/8-16 x 4-5/8 in. (118 mm) long	10-53728
5	Washer	12-20553
3	Nut	11-24883
1	Lifting eye	865549
1	Screw, 3/4-16 x 3/4 in. (19 mm) long	10-98261

Torque Specifications

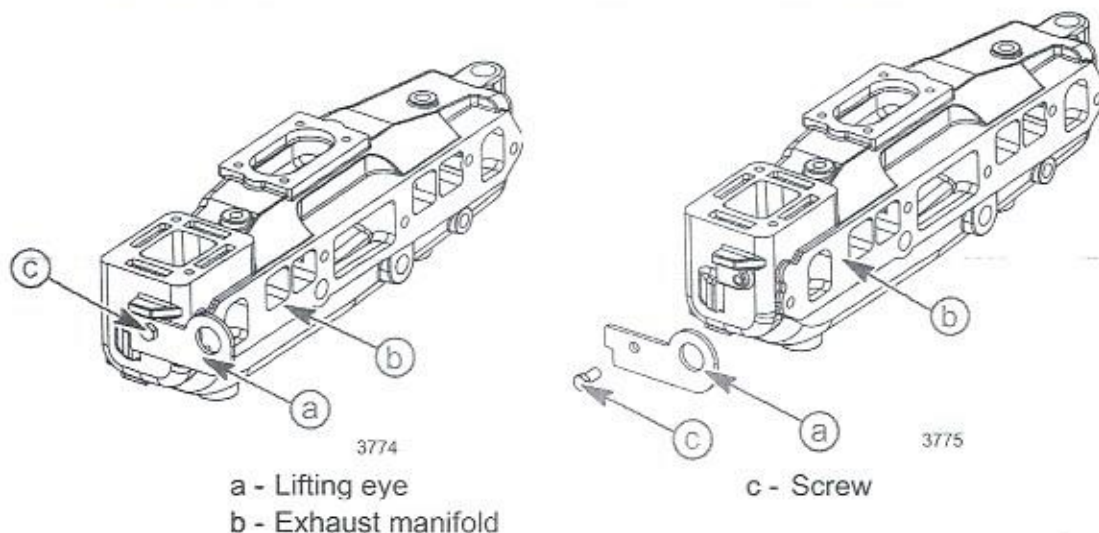
Description	Nm	lb. in.	lb. ft.
Screw, 3/4-16 x 3/4 in. (19 mm) long	38		28

Removal

1. Remove and discard the existing rigid (non-flexible) fuel line. However, If the engine is equipped with a TKS carburetor or has been previously converted to flexible fuel line, retain and reuse the flexible fuel line. Refer to the appropriate Mercury MerCruiser Service Manual.
2. Remove and discard the exhaust manifold and exhaust manifold to cylinder head fasteners. Refer to the appropriate Mercury MerCruiser Service Manual.

Installation

1. Install the exhaust manifold. Refer to the appropriate Mercury MerCruiser Service Manual.
2. Install the lifting eye on the transom end of the exhaust manifold. Torque the screw.



Description	Nm	lb. in.	lb. ft.
Screw, 3/4-16 x 3/4 in. (19 mm) long	38		28

3. Install the new fuel line, or reinstall the flexible fuel line, if equipped. See Step 1 in the Removal section of this instruction sheet. Refer to the appropriate Mercury MerCruiser Service Manual for fuel line replacement.

IMPORTANT: Do not replace an existing flexible fuel line with a rigid (non-flexible) fuel line.