



WATER PICK-UP KIT, P/N 5006337, 5005124, 5005063 & 5007081 INSTALLATION INSTRUCTIONS

APPLICATION

These water screens are designed for use on “M” style gearcases **ONLY**. DO NOT install on any other models.

SAFETY INFORMATION

For safety reasons, this kit should be installed by an authorized *Evinrude*[®]/*Johnson*[®] dealer. This instruction sheet is not a substitute for work experience. Additional helpful information may be found in other service literature for your engine.

This instruction sheet uses the following signal words identifying important safety messages.

| | | |
|---|---------------|--|
| | DANGER | |
| Indicates an imminently hazardous situation which, if not avoided, WILL result in death or serious injury. | | |

| | | |
|---|----------------|--|
| | WARNING | |
| Indicates a potentially hazardous situation which, if not avoided, CAN result in severe injury or death. | | |

| | | |
|--|----------------|--|
| | CAUTION | |
| Indicates a potentially hazardous situation which, if not avoided, MAY result in minor or moderate personal injury or property damage. It also may be used to alert against unsafe practices. | | |

IMPORTANT: Identifies information that will help prevent damage to machinery and appears next to information that controls correct assembly and operation of the product.

These safety alert signal words mean:

ATTENTION!
BECOME ALERT!

YOUR SAFETY IS INVOLVED! Always follow common shop safety practices. If you have not had training related to common shop safety practices, you should do so to protect yourself, as well as the people around you.

It is understood that this instruction sheet may be translated into other languages. In the event of any discrepancy, the English version shall prevail.

DO NOT do any repairs until you have read the instructions and checked the pictures relating to the repairs.

Be careful, and never rush or guess a service procedure. Human error is caused by many factors: carelessness, fatigue, overload, preoccupation, unfamiliarity with the product, and drugs and alcohol use, to name a few. Damage to a boat and outboard can be fixed in a short period of time, but injury or death has a lasting effect.

When replacement parts are required, use *Evinrude/Johnson Genuine Parts* or parts with equivalent characteristics, including type, strength and material. Using substandard parts could result in injury or product malfunction.

Torque wrench tightening specifications must be strictly followed. Replace any locking fastener (locknut or patch screw) if its locking feature becomes weak. If replacement is specified or required because the locking fastener has become weak, use only authorized *Evinrude/Johnson Genuine Parts*.

If you use procedures or service tools that are not recommended in this instruction sheet, **YOU ALONE** must decide if your actions might injure people or damage the outboard.

TO THE INSTALLER: Give this sheet to the owner. Advise the owner of any special operation or maintenance information contained in the instructions.

TO THE OWNER: Save these instructions in your owner’s kit. This sheet contains information important to the future use and maintenance of your engine.



Water Pick-Up Kits

There are four types of water pick-ups available.

High Performance: Designed to minimize drag and cavitation for high speed applications.

High Flow: Designed for general applications. These screens may exhibit higher drag than the High Performance screens.

Ultra High Flow: Designed for hull and outboard arrangements with aerated water flow to the water inlet area. Twin and triple outboard applications benefit from these pick-ups. These pick-

ups function in all applications, but increase drag compared to the High Performance and High Flow screens.

Ultra High Flow Plus 0.250 inch: Designed for hull and outboard arrangements with severely aerated water flow to the water inlet area. Twin and triple outboard applications benefit from these pick-ups. These pick-ups function in all applications, but increase drag compared to the Ultra High Flow screens.

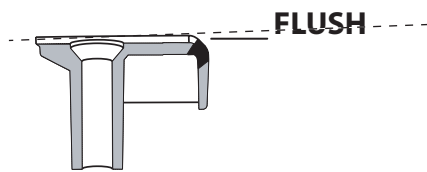
WATER INLET PICK UP KIT IDENTIFICATION

| KIT P/N | DESCRIPTION | HEIGHT | PORT | STBD | APPLICATION |
|---------|----------------------|--------|--------|--------|--------------------------|
| 5005124 | HIGH PERFORMANCE | FLUSH | 348479 | 348480 | High Speed (over 60 MPH) |
| 5005063 | HIGH FLOW | 0.060 | 350264 | 350265 | General |
| 5006337 | ULTRA HIGH FLOW | 0.160 | 350946 | 350945 | Aerated |
| 5007081 | ULTRA HIGH FLOW PLUS | 0.410 | 352790 | 352791 | Severely Aerated |

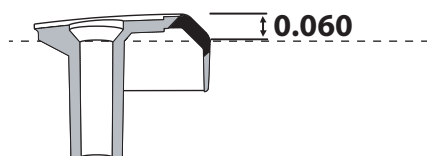
Note: Two screws, P/N 337061, are provided with each kit.

Gearcase Water Inlet Pick Up Heights

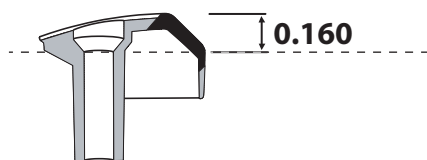
High Performance



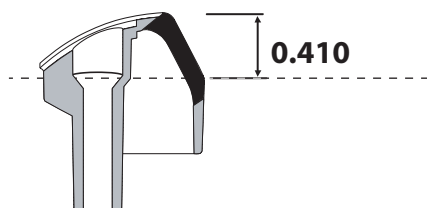
High Flow



Ultra High Flow



Ultra High Flow Plus

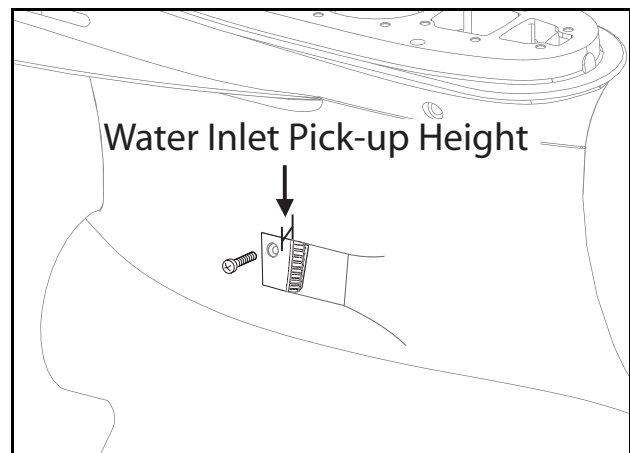


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INSTALLATION

Inspect and clean any debris from gearcase water intake area.

Install water screens and torque screws 60 to 84 in. lbs. (7 to 9.5 N·m).



TYPICAL

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CAUTION



Water pressure must be checked after installation. In some installations, the High Performance screens will **NOT** provide adequate water pressure. If the outboard does not have adequate water pressure, reinstall the standard High Flow water inlet screens. **Inadequate water pressure can lead to powerhead failure.**