

BOLT-IN KIT HARDWARE UPDATE

PRODUCT SEAKEEPER 2 / 3 / 5 / 6 / 9 / 18 / 26 / 35

OVERVIEW

The purpose of this document is to inform Seakeeper customers of updates and improvements to the standard Seakeeper mounting hardware. In addition to the hardware updates, optional kits will be available for the Seakeeper 2 – 35 models to accommodate alternate mounting configurations. The production cut-in for the updated standard mounting hardware has occurred with the following Serial Numbers:

- Seakeeper 2: 2-233-1564 (July 2023)
- Seakeeper 3: 3-223-3836 (February 2023)
- Seakeeper 5/6: 6-222-5365 (March 2023)
- Seakeeper 9: 9-221-4247 (August 2022)
- Seakeeper 18: 18-221-1134 (August 2022)
- Seakeeper 26: 26-221-0584 (August 2022)
- Seakeeper 35: 35-221-0451 (August 2022)

BOLT-IN KIT HARDWARE CHANGES

The mounting hardware updates include Zinc-Nickel (Zn-Ni) bolt plating for improved corrosion resistance, wedge-lock style washers for increased bolt retention, and all hardware has been upgraded to Grade 10.9 for consistency across the entire Seakeeper product line. The wedge-lock style washers require a change from Loctite to nickel-based anti-seize as a thread lubricant during installation. Seakeeper recommends SAF-T-EZE SBT-4N or equivalent nickel-based anti-seize with a K-Factor of 0.15. Mounting bolt lengths have been reviewed to ensure they accommodate a reasonable laminate allowance for blind-hole installations and a flange thickness of 1 inch (25 mm) for thru-bolt installations.

Changes made to the standard bolt-in kit hardware for the Seakeeper 2, 3, 5/6, 9, 18, 26, and 35 are as follows:

- Seakeeper 2: No change to bolt length.
- Seakeeper 3: Blind-hole bolt length increased from 100 mm to 110 mm.
- Seakeeper 5/6: Blind-hole bolt length increased from 75mm to 80mm. Wedge lock washers added.
- Seakeeper 9: Bolt-In Kit P/N 90642 created. Bolt length increased from 80 to 85 mm.
- Seakeeper 18: No change to bolt length.
- Seakeeper 26 / 35: Thru-bolt length increased from 65 to 75mm.

See Bolt-In Kit Part Drawings and Installation Details Drawings for model specific details. A summary of the updated Bolt-In Kit Part Numbers and Drawing links are provided in Table 1.

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Table 1: Bolt-in Kit Updates Summary

MODEL	BLIND-HOLE KIT P/N	THRU-BOLT KIT P/N	STANDARD KIT	BOLT-IN INSTALLATION DETAILS DRAWING	BOLT-IN CLEARANCES DRAWING	MOUNTING BOLT TORQUE (FT-LBS / N-M)
2	90474	90636	Blind-Hole	90487	90492	135 / 183.0
3	90375	90641	Blind-Hole	90374	90390	155 / 210.0
5/6	90400	90660	Blind-Hole	90399	90391	95 / 128.8
9	90642	90643	Blind-Hole	90225	90331	100 / 135.6
18	90548	90648	Blind-Hole	90544	90542	100 / 135.6
26	90614	90086	Thru-Bolt	90271	90352	100 / 135.6
35	90614	90086	Thru-Bolt	90256	90352	100 / 135.6

Note | Relevant Bolt-in Kit Part and Installation Drawings are linked in Table 1.

MOUNTING HARDWARE SELECTION

Seakeeper-provided mounting hardware is intended to apply to typical installation arrangements. However, each installation, especially custom aftermarket foundations, should be thoroughly reviewed to ensure the Seakeeper provided hardware meets the required thread engagement for the Seakeeper unit being installed. The thread engagement requirements for all Seakeeper models are 1.5 x bolt diameter, in mm. The mounting bolt thread engagement requirements are outlined in the [Installation Manuals](#) and [Installation Details Drawings](#) for each Seakeeper model. This also applies to Seakeeper model adapter kits and OEM built frames where the bolt hole depth should be checked to ensure the provided bolts will not bottom, preventing the bolts from achieving their intended preload.

When the Seakeeper-provided hardware is not appropriate, the bolt specification (diameter and thread pitch) and Grade should be matched in the required length and used with the Seakeeper-provided washers. All installer-sourced mounting hardware should be Grade 10.9 and metric course thread. Mounting bolts should always be torqued to the Seakeeper torque specification with a calibrated torque wrench. The torque spec is tested to ensure adequate bolt preload for each Seakeeper model based on the provided mounting hardware. Hardware specifications are also listed in the [Installation Manuals](#) and [Installation Details Drawings](#).

Contact Seakeeper Factory Technical Rep or Applications Engineering with any questions related to mounting hardware.