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Installation Instructions Fattie Front Sponsons

PW-SP-270

ProWatercraftRacing.com

QR Code takes you to the Install videos.



Screws Install



Bolts Install (Back Page)

Watch the video for more details.



Tools Required:

Tape Measure
Drill
1/4" Drill Bit
11/64" Drill Bit
Screwdriver Bit
Caulk Gun
Rags, Tape

Parts Included:

2 - Sponsons
1 - Tube of Silicone

Screws Install:

14 Screws

See Back Page for Bolts Install

READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION



Screws Install:

- 1 Drill through the 7 screw indents in each sponson with the 1/4" drill bit. Fig 1
- 2 Position the sponsons at the suggested length from the rear of the sponson to the back of the hull. Check the measurements for your ski on the back of this page. Mark the location. Fig 2, 3, & Back
- 3 Once the sponson is in place, start at the rear hole and drill through the sponson with an 11/64" bit into the hull. Fig 4
Install the supplied screw one at a time. Fig 5
CAUTION: Be careful not to drill into anything inside the hull.
- 3 With all the screws in, we suggest using tape around the edge of the sponson to keep the silicone from getting everywhere. Apply tape about 1/8" under the sponson and also a strip of tape on the sponson along the bottom. Fig. 6
- 4 Remove the sponson from the ski. Clean off the sponson mounting surface and sponson.
- 5 Fill the holes in your hull with silicone, then apply silicone to the rough surface on the back of the sponson. Fig 7 & 8
- 6 Reinstall the sponson starting with the screws in the back.
- 7 Once the sponson is attached to the hull, remove the excess silicone. Fig 9
Then remove the tape.
- 8 Repeat these steps for the other side. Make sure both sides are even.
Allow 24 hours for the silicone to dry.

See Back Page for the Bolts Install



Fig 1

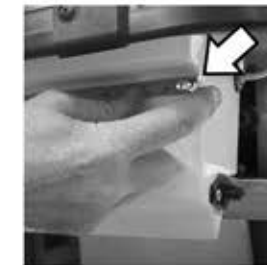


Fig 2 - Tape measure at rear



Fig 3 - Piece of tape to save measurement



Fig 4



Fig 5

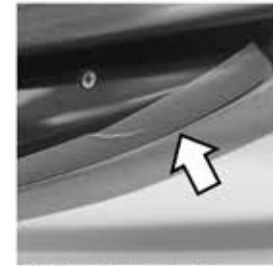


Fig 6 - 1/8" to 1/4" space between tape



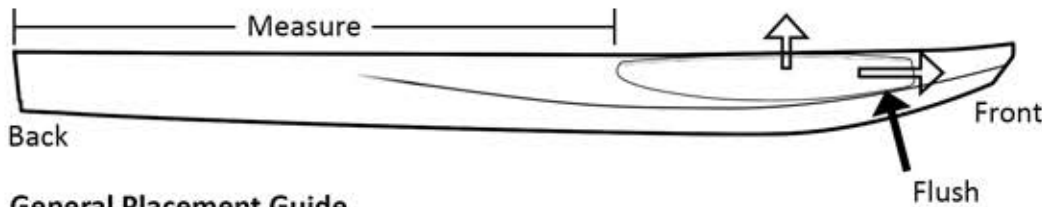
Fig 7



Fig 8



Fig 9



General Placement Guide

If your ski measurement is not provided, please use the placement diagram above as a reference. We recommend the sponson all the way up into the bond flange and all the way forward.

Model -- Length from the rear and up all the way until flush

Kawasaki 440/550 -- 34 1/8"

Kawasaki 750 SX/SXi -- 37"

Kawasaki SXR 800 -- 40 3/8"

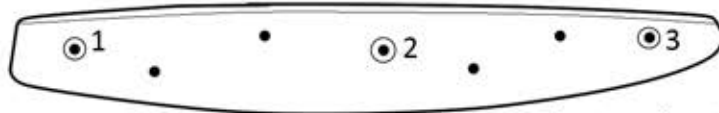
Kawasaki SXR 1500 -- 48", 2 3/4" from top

Yamaha Square Nose SuperJet -- 37 3/4"

Yamaha Round Nose SuperJet (1996-2006) -- 37 1/4"

Yamaha Round Nose SuperJet (2007-2020) -- 38"

Yamaha 4-Stroke SuperJet -- 45 1/4"



Tools for Bolts Install:

5/16" Drill Bit Ratchet Tape Measure
5mm Allen 13mm Wrench Caulk Gun
Tape Drill Rags

Bolts Install: 6 Bolts,
6 Washers, 6 Nuts

Bolts, Washers, and Nuts Install:

- 1 Drill through the 3 screw indents in each sponson with the 5/16" drill bit. Fig 1
- 2 Position the sponsons at the suggested length from the rear of the sponson to the back of the hull. Check the measurements for your ski above. Mark the location. Fig 2, 3
- 3 Once the sponson is in place, start at the rear hole and drill through the sponson into the hull with the 5/16" bit. Fig 4
Insert the supplied bolt and repeat for the middle bolt. Fig 5
CAUTION: Be careful not to drill into anything inside the hull.
- 4 In the engine bay, slide on the washer and nut for the 2 bolts and tighten. Fig 6
- 5 While pushing the front of the sponson in and up, drill through the front sponson hole into the hull and install the washer and nut on the back side.
- 6 With all the bolts in, we suggest using tape around the edge of the sponson to keep the silicone from getting everywhere. Apply the tape about 1/8" around the sponson and 1/8" inside the sponson edge. Fig 7
- 7 Remove the sponson from the ski. Clean off the hull and sponson.
- 8 Fill the holes in your hull with silicone, then apply silicone to the rough surface on the back of the sponson. Fig 8 & 9
- 9 Hold the sponson in place and slide in the bolts from the back hole to front. Install the washers and nuts onto the bolts and tighten.
- 10 Once the sponson is attached to the hull, remove the excess silicone. Fig 10
Then remove the tape.
- 11 Repeat these steps for the other side. Make sure both sides are even.
Allow 24 hours for the silicone to dry.



Fig 1

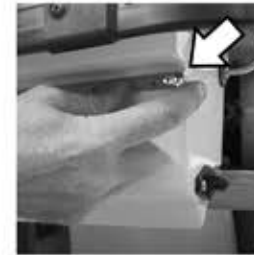


Fig 2 - Tape measure at rear



Fig 3 - Piece of tape to save measurement



Fig 4



Fig 5



Fig 6

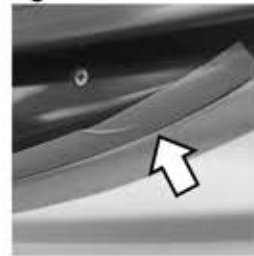


Fig 7 - 1/8" to 1/4" space between tape



Fig 8



Fig 9



Fig 10