



**RIVA RACING**  
PERFORMANCE PRODUCTS & ACCESSORIES

## **Sea-Doo 2022+ 'Modified' OEM Ride Plate**

*RS21120-M / RS21190-M*



### **Applications:**

RS21120-M: 2022 & Newer RXT / GTX Models

RS21190-M: 2022 & Newer RXT Models

### **Approximate Installation Time:**

4 hours (Removal & Installation)

24 hours (Minimum Cure Time for Sealant)

### **Recommended Specialty Tools:**

See Service Manual

### **Required Materials:**

Loctite 5900 Sealant or Equivalent

O-rings for Ride Plate Coolant Fittings (2)

XPS Extended Life Engine Coolant

### **GET THE LATEST UPDATES!**

Prior to installation, go to the RIVA Racing online Instruction Library to download the latest version of these instructions:

<https://rivaracing.com/instructions>

### **Part #**

Please Call or Email

### **Part #**

[219704460](#)

[293300121](#)

[9779150](#)

These installation instructions are meant to serve as a guideline. We strongly recommend the use of a service manual to familiarize yourself with the various components and procedures involved with this installation. Please note that some of the original hardware removed in the disassembly process will be used in the installation process. These instructions have been written in step-by-step format and refer to illustrations. Read through instructions entirely before performing installation. Please follow these step-by-step instructions and illustrations carefully.

**\*\*\* ALLOW ENGINE TO COOL COMPLETELY BEFORE PERFORMING INSTALLATION \*\*\***

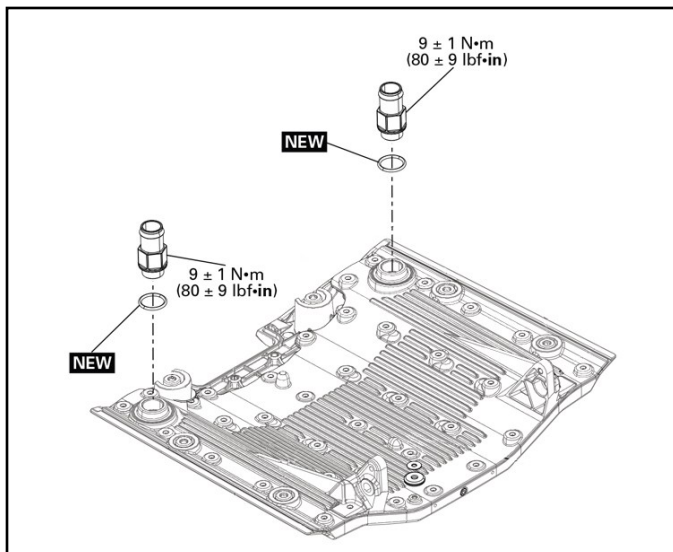
**\*\*\* NO SMOKING \*\*\* NO SMOKING \*\*\* NO SMOKING \*\*\***

**Caution: DO NOT USE IMPACT TOOLS! Whenever using electric or battery operated tools inside the hull be sure it is well ventilated and no fumes are present. Failure to do so could result in a fire, or explosion and serious personal injury or death.**

**This kit is not intended for use on pollution controlled vehicles. Installation on pollution controlled vehicles may constitute a violation of state or local statutes.**

### **- INSTALLATION INSTRUCTIONS -**

Transfer ride plate coolant fittings from your original ride plate to supplied Modified OEM Ride Plate. **NOTE: Ensure threads are clean. Do not apply sealant. BRP recommends replacing o-rings. Torque to 80 lbf•in / 9 N•m. DO NOT OVERTIGHTEN.**

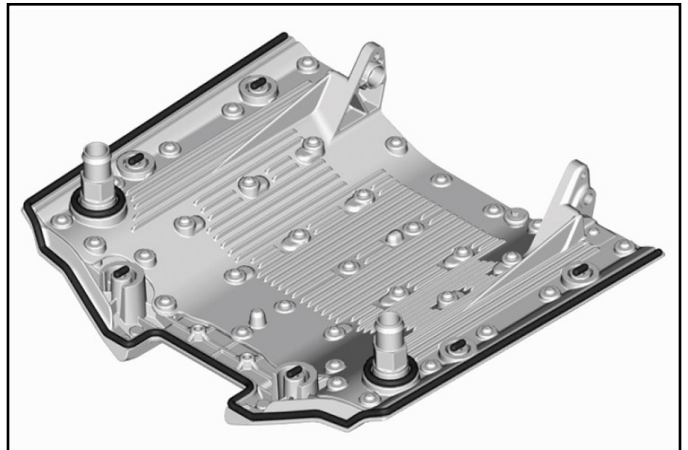


Ensure outside of hull is free of original sealant where ride plate is mounted.

Ensure inside of hull is free of original sealant where coolant fittings and bolts pass through.

Clean mating surfaces of hull and ride plate with a non-residual cleaner.

Apply Loctite 5900 or equivalent 'below waterline' sealant to mating surface area of ride plate as indicated by dark line in illustration below.



With assistance, carefully guide coolant fittings through openings in hull and seat ride plate in place ensuring front of ride plate is butted against hull and transom plate.

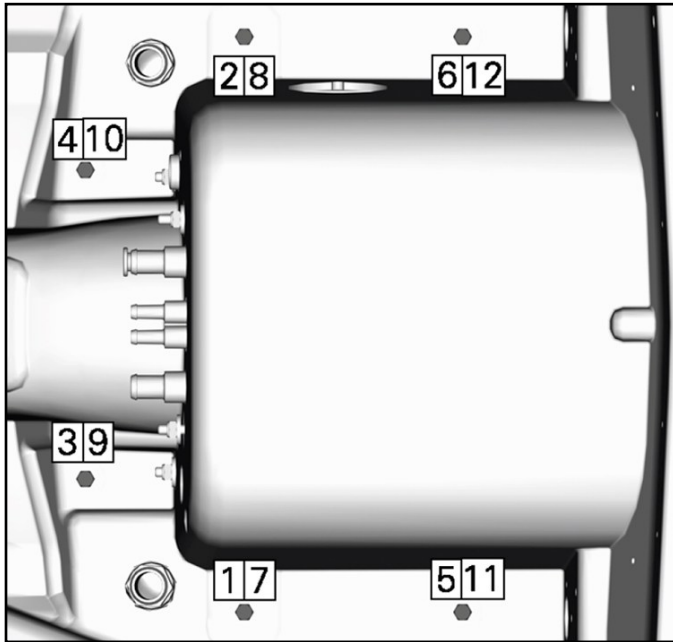
Install original bolts with washers from inside hull and hand tighten until snug. **NOTE: Ensure bolt threads are clean. Do not torque at this time.**

Align ride plate by measuring the distance between iBR pivot arms on ride plate and jet pump support (transom plate) on hull.

## **- INSTALLATION INSTRUCTIONS -**

Tighten bolts to the specified torque and sequence below.

TORQUE PROCEDURE	
Steps 1 to 6	Hand Tight
Steps 7 to 12	20 lbf•ft / 27N•m



Carefully clean excess sealant from planing surface of ride plate and hull.

Allow sealant to cure for a minimum of 24 hours.

Replace components previously removed to facilitate installation of Modified OEM Ride Plate.

Add XPS Extended Life Engine Coolant or equivalent following procedure outlined in your OEM Service Manual

Check bilge for rags, tools, etc.

Run craft on a flush hose to check for proper operation.

**NOTE: Do not run engine more than 90 seconds.**

***Remember, the water belongs to everyone.***

***Please ride responsibly and respect the environment!***

### **Technical Support**

For answers to questions regarding installation or trouble shooting RIVA Performance Products contact:

RIVA Technical Support directly at (954) 247-0705 or by e-mail at [tech\\_support@rivaracing.com](mailto:tech_support@rivaracing.com).

Due to the nature of performance applications, this modified OEM ride plate is sold without any express warranty or any implied warranty of merchantability or fitness for a particular purpose. RIVA Racing shall not, under any circumstances, be liable for any special, incidental or consequential damages, including, but not limited to damage, or loss of profits or revenue, cost of purchased or replacement goods, or claims of customers of the purchaser, which may arise and/or result from sale, installation or use of these valve lifter buckets. Installation will adversely affect the vehicle manufacturer's warranty coverage.