Thank you for purchasing a Really Right Stuff tripod or monopod. Many years ago, we set out to create tripods that would exemplify the best in craftsmanship and quality. We are proud to present to you the results of that pursuit. Our ‘pods are the culmination of first-hand experience and abundant input from seasoned professionals. Building upon our reputation of high precision CNC manufacturing, we enlisted unsurpassed composite manufacturing talent to bring you what we feel is a carbon fiber masterpiece. We sincerely hope you take a moment to appreciate this beautiful piece of equipment and review this manual to see how you can get the most from your tripod. If you have any questions or comments, please contact us. We love hearing your feedback.

Thanks again, and enjoy.

Joe Johnson

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Email: info@reallyrightstuff.com
Web: www.ReallyRightStuff.com

Guarantee: All Really Right Stuff brand products are guaranteed to the original purchaser to be free of defects in materials or workmanship for five (5) years from the date of purchase.

Protected by US Patents: RRS tripods have been granted patents by the United States Patent and Trademark Office. Any party that manufactures, imports, uses, sells, or offers for sale the patented technology without permission/license from Really Right Stuff, LLC, during the term of the patent and within the country that issued the patent, is considered to infringe the patent.
Our tripods & monopods vary in height, weight, load capacity, and features. ‘Pods within the same Series share a common load capacity. See our website for detailed specifications.

RRS ‘Pod Models

Understanding ‘Pod Names

**TVC-34L**

<table>
<thead>
<tr>
<th>Tripod or Monopod</th>
<th>Apex (Versa, Quick-Column, Fixed)</th>
<th>Carbon Fiber</th>
<th>Pod Series</th>
<th>Number of leg sections per leg</th>
<th>Long, Short, or Ground Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>TVC-34L</td>
<td>Versa-style Apex</td>
<td>Fixed</td>
<td>Series 3</td>
<td>4 leg sections per leg</td>
<td>Long</td>
</tr>
<tr>
<td></td>
<td>(4 leg sections per leg, Long)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Series 1**

<table>
<thead>
<tr>
<th>Series 1</th>
<th>TQC-14 Tripod, Quick-Column</th>
<th>4 leg sections</th>
<th>25 lb / 11.3kg</th>
<th>2.6 lb / 1.2kg</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TFC-14 Tripod, Fixed Apex</td>
<td>4 leg sections</td>
<td>25 lb / 11.3kg</td>
<td>2.3 lb / 1.1kg</td>
</tr>
<tr>
<td></td>
<td>MC-14 Monopod</td>
<td>4 leg sections</td>
<td>25 lb / 11.3kg</td>
<td>1.0 lb / 0.4kg</td>
</tr>
</tbody>
</table>

**Series 2**

<table>
<thead>
<tr>
<th>Series 2</th>
<th>TVC-23 Tripod, Versa-style Apex</th>
<th>3 leg sections</th>
<th>40 lb / 18kg</th>
<th>3.3 lb / 1.5kg</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TVC-24 Tripod, Versa-style Apex</td>
<td>4 leg sections</td>
<td>40 lb / 18kg</td>
<td>3.3 lb / 1.5kg</td>
</tr>
<tr>
<td></td>
<td>TVC-24L Tripod, Versa-style Apex</td>
<td>4 leg sections</td>
<td>40 lb / 18kg</td>
<td>3.7 lb / 1.7kg</td>
</tr>
<tr>
<td></td>
<td>MC-25 Monopod</td>
<td>5 leg sections</td>
<td>40 lb / 18kg</td>
<td>1.3 lb / 0.6kg</td>
</tr>
</tbody>
</table>

**Series 3**

<table>
<thead>
<tr>
<th>Series 3</th>
<th>TVC-32G Tripod, Versa-style Apex</th>
<th>2 leg sections</th>
<th>50 lb / 23kg</th>
<th>2.5 lb / 1.1kg</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TVC-33 Tripod, Versa-style Apex</td>
<td>3 leg sections</td>
<td>50 lb / 23kg</td>
<td>4.3 lb / 1.9kg</td>
</tr>
<tr>
<td></td>
<td>TVC-33S Tripod, Versa-style Apex</td>
<td>3 leg sections</td>
<td>50 lb / 23kg</td>
<td>4.1 lb / 1.8kg</td>
</tr>
<tr>
<td></td>
<td>TVC-34 Tripod, Versa-style Apex</td>
<td>4 leg sections</td>
<td>50 lb / 23kg</td>
<td>4.4 lb / 2.0kg</td>
</tr>
<tr>
<td></td>
<td>TVC-34L Tripod, Versa-style Apex</td>
<td>4 leg sections</td>
<td>50 lb / 23kg</td>
<td>4.7 lb / 2.1kg</td>
</tr>
<tr>
<td></td>
<td>MC-34 Monopod</td>
<td>4 leg sections</td>
<td>50 lb / 23kg</td>
<td>1.5 lb / 0.7kg</td>
</tr>
</tbody>
</table>

**Series 4**

<table>
<thead>
<tr>
<th>Series 4</th>
<th>TVC-42G Tripod, Versa-style Apex</th>
<th>2 leg sections</th>
<th>100 lb / 45kg</th>
<th>4.1 lb / 1.8kg</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TVC-43 Tripod, Versa-style Apex</td>
<td>3 leg sections</td>
<td>100 lb / 45kg</td>
<td>6.0 lb / 2.7kg</td>
</tr>
<tr>
<td></td>
<td>TVC-44 Tripod, Versa-style Apex</td>
<td>4 leg sections</td>
<td>100 lb / 45kg</td>
<td>6.5 lb / 3.0kg</td>
</tr>
<tr>
<td></td>
<td>TVC-45 Tripod, Versa-style Apex</td>
<td>5 leg sections</td>
<td>100 lb / 45kg</td>
<td>6.9 lb / 3.1kg</td>
</tr>
<tr>
<td></td>
<td>MC-45 Monopod</td>
<td>5 leg sections</td>
<td>100 lb / 45kg</td>
<td>2.0 lb / 0.9kg</td>
</tr>
</tbody>
</table>
FEATURES AT-A-GLANCE

Our tripods and monopods are made with carbon fiber, hard anodized 6061-T6 aluminum, and stainless steel. 100% made in the U.S.A.

1. **Mounting Stud**
   
   3/8” Mounting Stud securely attaches to tripod heads.

2. **Spirit Level**
   
   The bullseye helps you level your tripod with ease (Versa tripods only).

3. **Angle Stop**
   
   The Angle Stop ratchets into place to set leg angle.

4. **SureGrip™ Apex Lock**
   
   Carry your tripod over your shoulder with confidence. The SureGrip™ Apex Lock securely fastens your tripod accessory (Versa tripods only).

5. **Versa Quick-Column**
   
   Optional Quick-Column can be purchased separately.

6. **Quick-Column**
   
   Quick-Column Tripods come with integrated column; column locks with ergonomic Butterfly Knob.

7. **Offset Leg Joint**
   
   Offset Leg Joints help decrease the circumference of your tripod when folded up for travel.

8. **Leg**
   
   Ultra thin wall, large diameter carbon fiber tubes provide superior strength and extraordinary vibration absorption without adding weight.

9. **Weight Hook**
   
   Can be used with a carabiner 3/4” to 3/8” diameter.

10. **Twist Lock**
    
    Extra large twist locks made with rubber over-molded aluminum provide a comfortable grip and easy rotation.

11. **Interchangeable Foot**
    
    Unique tapered shape assures maximum stability and prevents legs from touching the ground even at full spread.
The tripod can be arranged in a variety of positions to accommodate nearly every terrain. Remove column from Quick-Column tripods for ground set; see page 7.
SETT**ING LEG ANGLES**

1. Swing leg inward slightly.

2. Slide **Angle Stop** out completely. (Slide back in at any time to cancel.)

3. Swing leg to horizontal position. **Angle Stop** will engage.

4. Move to desired position. **Angle Stop** will ratchet automatically.

*For low-level settings, use the ratcheting Angle Stop as shown below.*
Quick-Column Tripods come with integrated Quick-Column. Column is removable for ground set; follow steps below.

1. Tighten Butterfly Knob, then use ⅛” hex key (included) to loosen Platform set screw(s) (do not remove).

2. Unscrew and remove Platform and Weight Hook.

3. Rotate Butterfly Knob counterclockwise no more than two complete turns (do not remove), then slide Quick-Column up and out.

4. Place Platform atop Apex and thread Weight Hook onto the stud on the bottom of the Platform. Screw the two pieces firmly together; platform and hook assembly will seat loosely in the Apex.

5. Simultaneously hold Platform in place and turn Butterfly Knob counter-clockwise until Platform and Weight Hook assembly are secure.

6. Tighten Platform set screw(s).

7. Reverse steps to reinstall Quick-Column. When sliding column through Apex, align groove in column with anti-twist tab inside Apex.
The threaded platform stud on the TFC-14 is dual-threaded \( \frac{1}{4}“-20 \) and \( \frac{3}{8}“-16 \) and is reversible. Follow the steps to reverse the stud from \( \frac{3}{8}“-16 \) to \( \frac{1}{4}“-20 \).

1. Use 5/32” hex key to unscrew and remove the Stud.

2. The Strap & Strap Pin must be removed before the Stud can be re-installed. Use 5/32” hex key to unscrew and remove the Strap Pin.

3. Turn the tripod upside down. Use 5/32” hex key to re-install the Stud by screwing it into the bottom of the apex.

4. Re-install the Strap & Strap Pin (not shown).

The Stud is not secured with threadlocker fluid at the factory. This allows you to easily reverse it if needed. To semi-permanently secure the Stud in place, use one drop of threadlocker fluid (included with your tripod) on the Stud.
ADJUST THE SET SCREW

The TFC-14 platform comes with one Set Screw that can be used to prevent your tripod head from coming loose. For clarity, drawings do not show the tripod head installed to the tripod. Install your tripod head, then follow steps.

1. Swing leg closest to **Set Screw** inward slightly.

2. Pull **Angle Stop** out until it stops, then swing leg completely out.

3. Insert 2.5mm hex key into **Set Screw**, then turn clockwise to tighten it against the bottom of your tripod head.

Note that if you tighten the Set Screw it will almost certainly mar the bottom of your tripod head. To semi-permanently install your tripod head and avoid any blemish marks use one drop of threadlocker fluid on the Stud (included with your tripod) when you install your head.
Regular maintenance of your tripod is highly recommended to keep its performance and appearance in top shape. Your tripod is built to last through years of use with proper maintenance and care. Protect your investment by following this guide to good maintenance practices.

» Check SureGrip™ set screws for proper tightness to ensure the Apex accessory is secure. Use ⅛” hex key to make adjustments as necessary.

» When exposing your tripod to mud or saltwater, use a damp towel to wipe down and dry the legs completely before collapsing. Then, disassemble and clean tripod per instructions on page 9.

» Leg bolts should be tight enough to prevent legs from collapsing, but loose enough to open with ease. Use 3⁄16” hex key to make adjustments as necessary.

» Periodically apply multi-purpose lubricant to the threads of each leg joint. However, never lubricate the carbon fiber legs.

» Check for metal corrosion. Contact Really Right Stuff for any necessary replacement parts.

» Always keep your tripod in a protective bag when transporting or storing.

» Always fully extend the lower leg section during use in sand or mud to prevent contaminating leg joints.

See online maintenance videos: vimeo.com/album/2907595
Avoiding harsh environments such as sand and saltwater is essential to preserving the life of your tripod. However, we do understand that sometimes it is unavoidable. Therefore, we have made it simple to disassemble the leg portions for thorough cleaning.

1. Unscrew **Twist Lock** and fully remove leg section.

2. Remove **Twist Lock**, foot, and **Anti-Twist Sleeves**.

3. Wipe down leg, foot, and exposed threads with damp cloth, removing any dirt or debris. Allow to dry.

4. Apply a small amount of multi-purpose grease to the exposed leg threads.

5. Replace **Anti-Twist Sleeves** and **Twist Lock**.

6. Holding **Anti-Twist Sleeves** in place, insert leg into tripod where the arrow meets with gap between the **Anti-Twist Sleeves**. Slide leg in completely.

7. Screw **Twist Lock** and foot back into position. Rotate **Twist Lock** back and forth to spread grease.

See step-by-step tutorial: blog.reallyrightstuff.com/cleaning-tripod-legs/
NEW FOR 2017!

Look no further for the most clever shoulder strap system for your RRS tripod*. This new system incorporates QD “Quick-Detach” mounting hardware and allows the strap to be quickly and easily removed at any time. The system has two parts:

**Two QD Mounts**
Apex QD Mount + Leg QD Mount
Leg QD Mounts come in 3 sizes for RRS Series 1, 2, and 3 tubes.

**QD-Compatible Strap**
Strap must have two QD sling swivels. Purchase strap with pre-installed QD swivels, or buy QD swivels separately and use with your own strap.

**Leg QD Mount**
Use included hex key and screws to install Leg QD Mount to the bottom of the first leg section. Install so that the QD socket is facing in, not out. When carrying the tripod, this leg will face the ground and the strap will feed up between the other two legs. The tripod legs will remain folded together without the need to tie them.

*Apex QD Mounts are compatible only with mid-2016 and newer Series 2/3/4 tripods. Series 1 Apex QD Mount is compatible only with the TFC-14 (not compatible with TQC-14). For other models, do not use Apex QD Mount; instead, install two Leg QD Mounts.
QD STRAP SYSTEM

Apex QD Mount

For Series 2/3/4
Install Apex QD Mount to underside of apex with two screws.

For TFC-14
Install Apex QD Mount into threaded socket on side of apex.
CHANGING APEX ACCESSORIES

Apex Accessories are only available for Versa Tripods. Your tripod head must first be removed from the Mounting Stud.

1. Use $\frac{1}{8}$" hex key to loosen all three SureGrip™ set screws around Apex. Two rotations are sufficient, complete removal is not required.

2. Remove Apex platform or other accessory by pushing it upward.

3. Insert compatible accessory. NOTE: Although Gitzo® Systematic accessories will fit Versa Series 3 tripods, SureGrip™ functionality is only compatible with Really Right Stuff brand accessories.

4. Tighten all three SureGrip™ set screws.
Tripod & Monopod Accessories to fill all your photography needs.

Versa Quick Columns  
*With integrated SureGrip™*

MTX Multi-Tool  
*The best tool for your tripod.*

Replacement Feet  
*Great for tripods & monopods.*

Leveling Bases  
*Choose Platform or Clamp*

A leveling base on your tripod is the perfect foundation for gimbal heads, pano gear, and even ballheads. Each leveling base offers ±15° of leveling capability and locks solidly. Choose a leveling base with a flat platform for direct mounting of a tripod head. Or choose a leveling base with a clamp if you want quick-change convenience for multiple tripod heads on the same tripod.

Universal

- TA-U-LB
- TA-U-LC

Series 2

- TA-2-LB
- TA-2-LC

Series 3

- TA-3-LB
- TA-3-LC
- TA-3-LC-HK
- TA-3-LB-HK

Series 4

- TA-4-LB-HK