THIS BRIEF USER MANUAL CONTAINS IMPORTANT INFORMATION. PLEASE READ CAREFULLY AND STORE IN A SAFE PLACE.

This user manual is specific to your Specialized carbon road handlebars. It contains important safety, performance and technical information, which you should read before your first ride and keep for reference. You should also read the entire Specialized Bicycle Owner’s Manual (“Owner’s Manual”), because it has additional important general information and instructions which you should follow. If you do not have a copy of the Owner’s Manual, you can download it at no cost at www.specialized.com, or obtain it from your nearest Authorized Specialized Retailer or Specialized Rider Care.

Additional safety, performance and service information for specific components such as seatpost or pedals on your bicycle, or for accessories such as helmets or lights, may also be available. Make sure that your Authorized Specialized Retailer has given you all the manufacturers’ literature that was included with your bicycle or accessories. If there is a difference between the instructions in this manual and the information provided by the component manufacturer, please refer to your Authorized Specialized Retailer.

When reading this user manual, you will note various important symbols and warnings, which are explained below:

**WARNING!** The combination of this symbol and word indicates a potentially hazardous situation which, if not avoided, could result in serious injury or death. Many of the Warnings say “you may lose control and fall.” Because any fall can result in serious injury or even death, we do not always repeat the warning of possible injury or death.

**CAUTION:** The combination of the safety alert symbol and the word CAUTION indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury, or is an alert against unsafe practices. The word CAUTION used without the safety alert symbol indicates a situation which, if not avoided, could result in serious damage to the bicycle or the voiding of your warranty.

**INFO:** This symbol alerts the reader to information which is particularly important.

**CARBON FRICTION PASTE:** This symbol means that carbon friction paste should be applied as illustrated to increase friction.

**TORQUE:** This symbol highlights the correct torque value for a specific bolt. In order to achieve the specified torque value, a quality torque wrench must be used.

**TECH TIP:** Tech Tips are useful tips and tricks regarding installation and use.

### INTENDED USE

Specialized carbon road handlebars are intended and tested for road biking (condition 1) and General Purpose / Cyclocross (condition 2) use only. For more information on intended use and structural weight limits, please refer to the Owner’s Manual.

**WARNING!** Specialized carbon road handlebars which are compatible with clip-on aero extensions have a decal under the clearcoat stating their compatibility (fig.1). If your handlebar does not have a compatibility decal, do NOT use clip-on aero extensions. Failure to follow this warning can lead to failure of the handlebar, which can result in serious injury or death.

**WARNING!** Specialized carbon road handlebars are designed for a maximum rider weight of 240 lb (109 Kg). Failure to follow this warning may result in an accident, which can cause serious injury or death.

### GENERAL NOTES ABOUT ASSEMBLY

This manual is not intended as a comprehensive assembly, use, service, repair or maintenance guide. Please see your Authorized Specialized Retailer for all service, repairs or maintenance. Your Authorized Specialized Retailer may also be able to refer you to classes, clinics or books on bicycle use, service, repair, and maintenance.

Specialized carbon road handlebars have a 31.8mm clamp diameter. Ensure that the stem uses the same clamp diameter.

Make sure both the stem and the brake lever band clamps are free of any burrs or sharp edges that can damage the surface of the handlebar.

**WARNING!** Specialized handlebars are attached to the front of your bicycle and proper and secure installation is critical for your safety. Improper installation or adjustment, damage to the carbon surface or incorrect clamp size interface may result in an accident which can cause serious injury or death. Therefore, it is essential that the assembly, maintenance and troubleshooting be performed by an Authorized Specialized Retailer.

**WARNING!** Do not apply grease to the handlebar clamping surface, and make sure the surface area is clean before install. Grease will reduce the friction that is critical to a proper clamping of the handlebar.

To increase friction, carbon assembly compound (or carbon paste) can be used between the handlebar and stem. Before your first ride, test the system to make sure the handlebar does not move or rotate in the stem.

### BOLT SIZE / TOOLS / TORQUE SPECS

**WARNING!** Correct tightening force on fasteners (nuts, bolts, screws) on your bicycle is important for your safety. If too little force is applied, the fastener may not hold securely. If too much force is applied, the fastener can strip threads, stretch, deform or break. Either way, incorrect tightening force can result in component failure, which can cause you to lose control and fall.

Where indicated, ensure that each bolt is torqued to specification. After your first ride, and consistently thereafter, recheck the tightness of each bolt to ensure secure attachment of the components. The following is a summary of torque specifications in this manual:

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>Torque (in-lbf)</th>
<th>Torque (Nm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max torque for 4-bolt stem</td>
<td>45</td>
<td>5.1</td>
</tr>
<tr>
<td>Max torque for brake lever band clamp</td>
<td>90</td>
<td>10.2</td>
</tr>
<tr>
<td>Max torque for 2-bolt stem</td>
<td>80</td>
<td>9.0</td>
</tr>
</tbody>
</table>
CAUTION: Ensure that all contact surfaces are clean and bolt threads are greased or have a threadlocking compound (refer to the instructions for each bolt) prior to installation.

GENERAL NOTES ABOUT MAINTENANCE

Specialized carbon road bars are high performance components. All regular maintenance, troubleshooting, repair and parts replacement must be performed by an Authorized Specialized Retailer. For general information regarding maintenance, please refer to the Owner’s Manual. In addition, routinely perform a Mechanical Safety Check before each ride, as described in the Owner’s Manual.

- Great care should be taken to not damage carbon fiber or composite material. Any damage may result in a loss of structural integrity, which may result in a catastrophic failure. This damage may or may not be visible in inspection. Before each ride, and after any crash, you should carefully inspect your Specialized handlebars for any fraying, gouging, scratches through the paint, chipping, bending, or any other signs of damage. Do not ride if your Specialized handlebars show any of these signs. After any crash, and before you ride again, take your bicycle to an Authorized Specialized Retailer for a complete inspection.

- While riding, listen for any creaks, as a creak can be a sign of a problem with one or more components. Periodically examine all surfaces in bright sunlight to check for any small hairline cracks or fatigue at stress points, such as welds, seams, holes, and points of contact with other parts. If you hear any creaks, see signs of excessive wear, discover any cracks, no matter how small, or any damage to the handlebars, immediately stop riding the bicycle and have it inspected by your Authorized Specialized Retailer.

- Lifespan and the type and frequency of maintenance depends on many factors, such as frequency and type of use, rider weight, riding conditions and/or impacts. Exposure to harsh elements, especially salty air (such as riding near the ocean or in the winter), can result in galvanic corrosion of components such as bolts, which can accelerate wear and shorten the lifespan. Dirt can also accelerate wear of surfaces.

- Do not expose the bicycle and components to prolonged direct sunlight or excessive heat, such as inside a car parked in the sun or near a heat source such as a radiator.

WARNING! Failure to follow the instructions in this section may result in damage to the components on your bicycle and will void your warranty, but, most importantly, may result in serious personal injury or death. If your bicycle exhibits any signs of damage, do not use it and immediately bring it to your Authorized Specialized Retailer for inspection.

WARRANTY

Warranty information is available from your Authorized Specialized Retailer. It is also available for download at www.specialized.com.

INSTALLING THE HANDLEBAR

1. Center the handlebar in the stem and orient the handlebar to the desired angle.
2. Install the stem faceplate and lightly tighten the screws. Hand-tighten the bolts evenly and ensure that the gap between the stem and the faceplate is even at each bolt location.
3. Torque the bolts in an alternating pattern (Fig.2 for 4-bolt stems), increasing the torque in 5 in-lbf increments until the specified torque is achieved.
4. Refer to the stem manufacturer’s recommended torque settings. Do not exceed Specialized’s torque limit for the handlebar at the stem interface (see torque table on page 1).

INSTALLING THE BRAKE LEVERS

1. Remove the metal band clamp (Fig. 3-A) from the brake lever and install the band clamp on the handlebar.
2. Place the band clamp in the approximate area where the shift/brake lever will be installed (Fig. 3-B) and install the shift/brake lever on the band clamp.
3. Adjust the shift/brake lever positions so that they are vertically and horizontally level with each other.
4. Refer to the shift/brake lever manufacturer’s instruction guide for proper torque recommendations. Do not exceed Specialized’s torque limit for the handlebar at the brake lever interface (see torque table on page 1).
5. Before your first ride, make sure the levers do not move on the handlebar and the shifters and brakes function properly.