

## Answer Stem Installation Instructions

### INSTALLATION INSTRUCTIONS

In order to ensure proper performance of your Answer components, we highly suggest you have them installed and serviced by a professional bicycle dealer. Improper assembly and/or adjustment can significantly compromise the strength and life span of your components. If you choose to install your components yourself, be sure to follow the following installation instructions carefully and completely.

- Carefully examine the bars and steerer tube for any nicks or gouges as these can create stress risers and severely limit the life span of the product. Be sure there are no sharp edges where they would contact the stem clamp surfaces.
- Clean all stem mating surfaces and mating parts with isopropyl alcohol before installation.
- Install headset and fork according to the component manufacturer's instructions.
- Place stem and headset spacers on steerer tube. If the fork's steerer tube needs to be cut, please use to the following guidelines:

| GUIDELINES FOR STEERER TUBE LENGTH |   |
|------------------------------------|---|
| Standard Steerer Tube              | Top of steerer tube should be 4mm below the top of the stem.  |
| Carbon Steerer Tube                | Top of steerer tube should be flush with the top of the stem. |
| Dual Crown Fork                    | Allow 5mm of steerer tube to extend above the stem.           |

**Important: Be sure to take into account the full stack height of the stem, spacers, and headset before cutting the steerer tube. Measure twice – cut once!**

- Cut steerer tube to length. Remove any burrs from steerer tube.
- Install star nut.
- Re-install headset spacers and stem and tighten the top cap bolt to the headset recommendations.
- Tighten the direct mount bolts or steerer clamp bolts in alternating, one turn increments. Tighten direct mount stem bolts to 80-89 in-lb (9.0-10.2 N-m). Tighten steerer clamp bolts to 140-150 in-lb. (15.8-16.9 N-m).  
**Caution: do not over tighten bolts. The result could damage the steerer tube, handlebar, and stem causing premature failure and possible injury.**  
**Caution: Do not apply grease, oil, or lubricant to the threads of the clamp bolts.**
- Install and position handlebar to desired settings. Line up the centering marks on the handlebar with the clamping area of the stem.  
**Caution: do not twist the bar back and forth to move it through the handlebar clamp. This will gouge and scratch the bar and can significantly weaken the component.**
- Install the face plate. Tighten the face plate bolts in an alternating 4-bolt rotation, in one turn increments to 60-70in-lb. (6.8-7.9 N-m).  
**Caution: do not over tighten bolts. The result could damage the steerer tube, handlebar, and stem causing premature failure and possible injury.**  
**Caution: Do not apply grease, oil, or lubricant to the threads of the clamp bolts.**
- Slide the brake levers and shifters on to the handlebar. Tighten the clamps to the manufacturer's recommended torque values.  
**Caution: Do NOT slide brake and shift levers over the bend and/or taper of the handlebar's midsection as this can shorten the life of the handlebar.**  
**Caution: ONLY clamp the shifters and levers on the 22.2mm section of the handlebar.**
- Install the grips and bar end plugs to finish the installation.

| TORQUE TABLE                  |                |              |
|-------------------------------|----------------|--------------|
| Item                          | Torque (in-lb) | Torque (N-m) |
| Direct Mount Stem Bolts       | 80-90          | 9.0-10.2     |
| Steerer Clamp Bolts – DJ Stem | 140-150        | 15.8-16.9    |
| Steerer Clamp Bolts – AM Stem | 70-80          | 7.9-9.0      |
| Steerer Clamp Bolts – XC Stem | 50-60          | 5.6-6.8      |
| Face Plate Bolts              | 60-70          | 6.8-7.9      |

**WARNING:** As with all mechanical components, the bicycle is subjected to wear and high stresses. Different materials and components may react to wear, impact or stress fatigue in different ways. If the design life of the component has been exceeded, it may suddenly fail, possibly causing injuries or death to the rider. Any form of cracking, scratches or change of coloring in highly stressed areas indicate that the life of the component has been reached and it should be replaced.

### WARRANTY INFORMATION

Any Hayes Bicycle Group component found by the factory to be defective in materials and/or workmanship within one year (two years in European Union countries) from the date of purchase will be repaired or replaced at the option of the manufacturer, free of charge, when received at the factory with proof of purchase, freight prepaid. Any other warranty claims not included in this statement are void. This includes assembly costs (for instance by the dealer), which shall not be covered by Hayes Bicycle Group. This warranty does not cover breakage, bending, or damage that may result from crashes or falls. This warranty does not cover any defects or damage caused by alterations or modifications of new Hayes Bicycle Group parts or by normal wear, accidents, improper maintenance, damages caused by the use of parts of different manufacturers, improper use or abuse of the product, or failure to follow the instructions contained in an instruction manual for the specific component. Any modifications made by the user will render the warranty null and void. The cost of normal maintenance or replacement of service items, which are not defective, shall be paid for by the original purchaser. This warranty is expressly in lieu of all other warranties, and any implied are limited in duration to the same duration as the expressed warranty herein. Hayes Bicycle Group shall not be liable for any incidental or consequential damages. If for any reason warranty work is necessary, return the component to the place of purchase. In the USA, contact Hayes Bicycle Group for a return authorization number (RA#) at (888) 686-3472. At that time, instructions for repair, return, or replacement shall be given. Customers in countries other than USA should contact their dealer or local Hayes Bicycle Group distributor.



5800 W. Donges Bay Road. Mequon WI, 53092 Phone: (888) 686-3472 Fax: (262) 512-4219

[www.answerproducts.com](http://www.answerproducts.com) [hayestech@hayesbicycle.com](mailto:hayestech@hayesbicycle.com)