

cannondale

Owner's Manual Supplement (EN)

HollowGram KNØT/ SAVE SystemBars

Important Warnings

WARNING

The installation and adjustment to be performed by a professional bike mechanic. Incorrect installation can result in damage leading to an accident.

INTENDED USE:

Stem and Handlebar	Intended Use Category
KNØT SystemBar	ASTM Condition 1, High-Performance Road
SAVE SystemBar	ASTM Condition 1-2, General Purpose Riding, Cyclocross

Not Intended: Do not use for Downhill, Freeride, Dirt Jump, and in other aggressive riding styles conditions. For more information about ASTM CONDITIONS 1-5, and Intended Use and read the Cannondale Bicycle Owner's Manual at www.cannondale.com.

COMPATIBILITY: Stems for frames directly accepting a threadless 1-1/8 in (28.6 mm) diameter steerer. Do not use adapters or shims, or modify the stem or bike frame in any way. Follow the preparations instructions for both compression assembly, fork, and handlebar. If you encounter a problem, ask your Authorized Cannondale Dealer for help.

NO MODIFICATIONS: The stem and bar must not be cut, drilled or modified in any way.

DO NOT INSTALL AERO HANDLEBAR EXTENSIONS.

PERIODIC INSPECTION REQUIRED: The stem and handlebar system must be periodically inspected for damage as part of your routine bicycle maintenance. See "Inspect for Safety" in the Cannondale Bicycle Owner's Manual for more information. Go to www.cannondale.com.

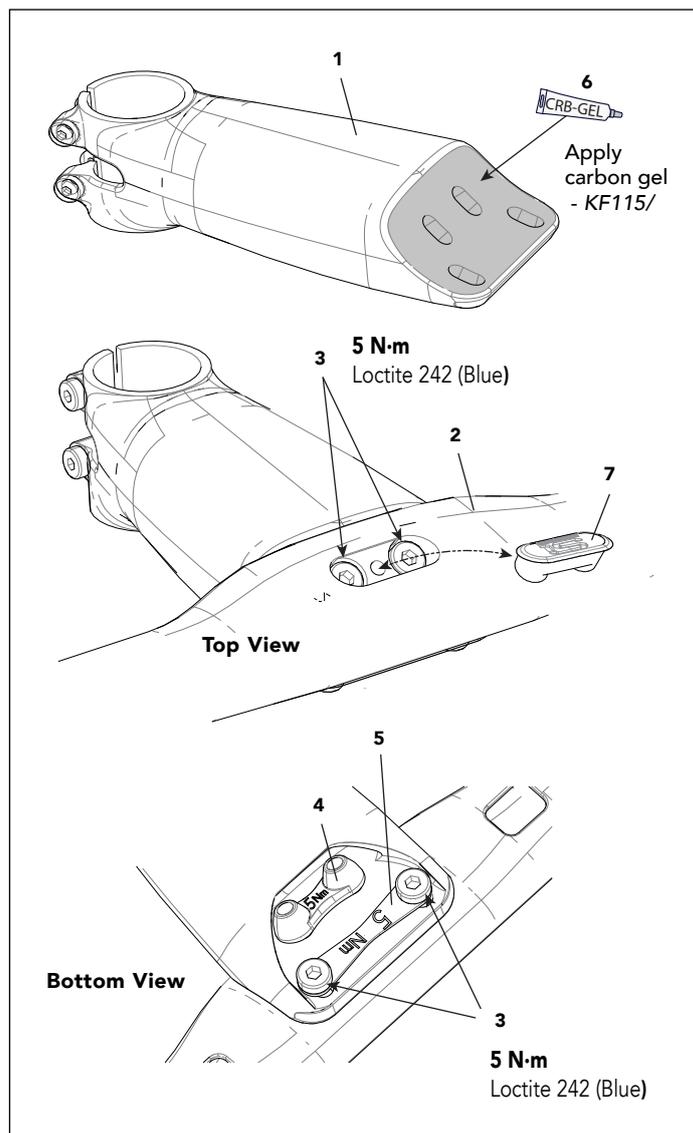
RIDER FIT: This stem/handlebar is available in different sizes to fit a rider. Select, adjust and install the correct size for the rider.

ACCESSORY ATTACHMENT: Do not allow any mounted/ attached accessory (e.g., iPhone, Android phone, lighting system, remote camera or cycling computer) to distract your attention or impair your ability to operate your bicycle safely. Any distractions can place you at risk. Make sure you operate, adjust or interact with mounted accessories when the bike is stopped or when riding hazards are significantly reduced.

USE A TORQUE WRENCH : Always use a high-quality torque wrench. Do not exceed the torque specified for any component including handlebar, steerer, or any adjusting hardware. Over- or under-tightening can result in serious damage and part failure leading to an accident. If you do not own a torque wrench or know how to use one, seek the assistance of your Authorized Cannondale Dealer.

YOU CAN BE SEVERELY INJURED, PARALYZED OR KILLED IN AN ACCIDENT IF YOU IGNORE THESE WARNINGS.

Stem Handlebar Connection



1. Stem
2. Handlebar
3. Bolts
4. Plate
5. Nut
6. Carbon Gel
7. Handlebar Plug

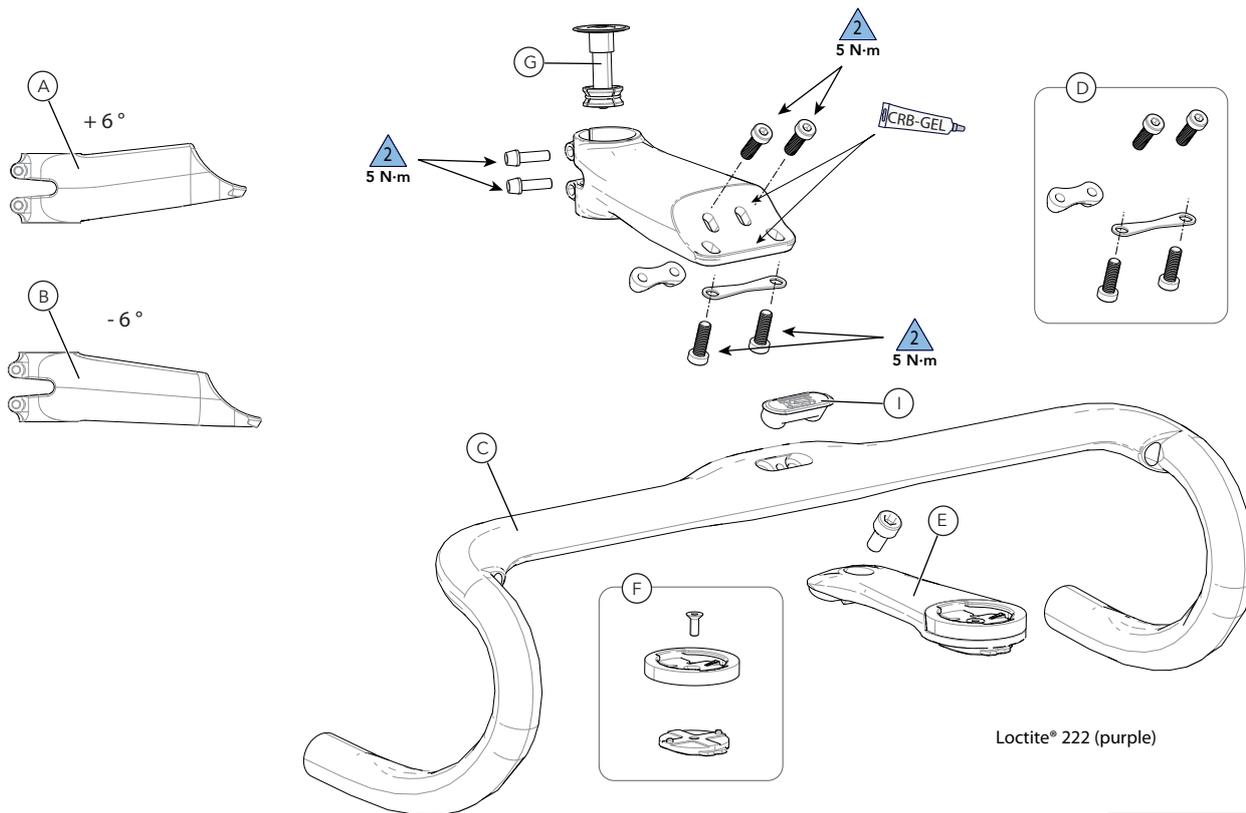
SAVE Stem and KNØT stem connection to handlebar is the same.

1. Apply carbon gel to the stem and handlebar contact surface. This area is shown shaded shown above.
2. Position the handlebar onto the stem and assemble the mounting hardware as shown above.
3. Finger tighten the bolts so that the handlebar pitch may be set. See page 4.

WARNING

USE ONLY THE REQUIRED MOUNTING HARDWARE: Cannondale service kit K28028 is required for the stem and handlebar connection. On the underside of the stem place items 4 and 5 in the orientation shown (torque markings facing out). DO NOT use or substitute other fasteners for any reason. Apply carbon gel KF115/ to the stem/bar mating surface.

HollowGram SAVE SystemBar

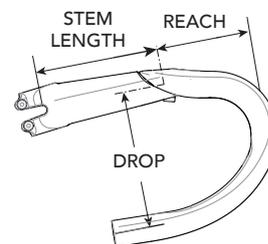
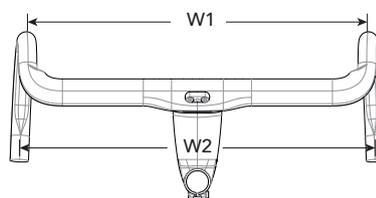


Loctite® 222 (purple)

- = Loctite® 242 (blue)
- = Loctite® 222 (purple)

HollowGram SAVE SystemBar Dimensions

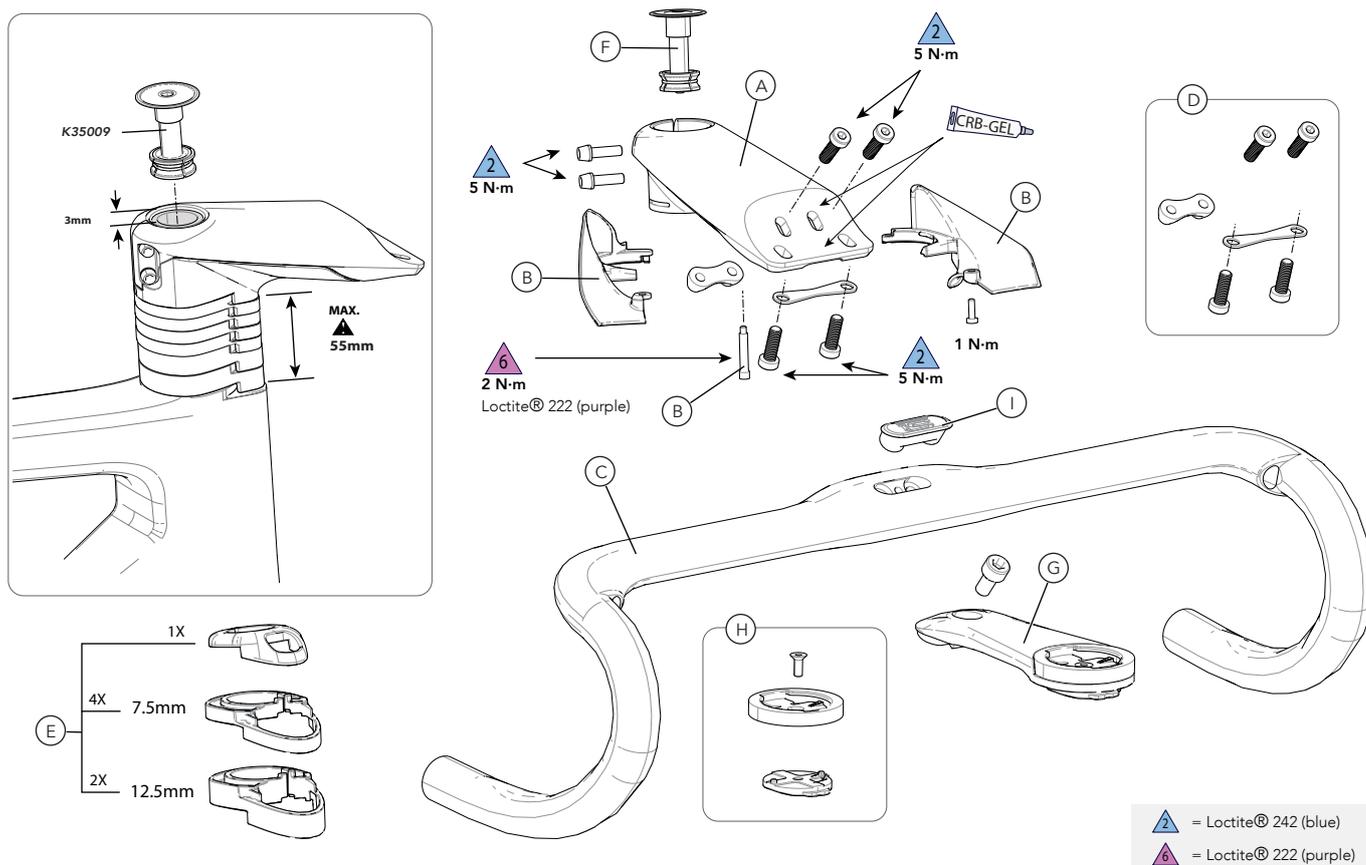
Size (cm)	38	40	42	44
W1 (cm)	38	40	42	44
W2 (cm)	40	42	44	46
Reach (mm)	80	80	80	80
Drop (mm)	125	125	125	125
Flare (degrees)	3	3	3	3



A	CP2100U1080	HollowGram Save Stem +6 Deg 80mm
	CP2100U1090	HollowGram Save Stem +6 Deg 90mm
	CP2100U1010	HollowGram Save Stem +6 Deg 100mm
	CP2100U1011	HollowGram Save Stem +6 Deg 110mm
B	CP2000U1080	HollowGram Save Stem -6 Deg 80mm
	CP2000U1090	HollowGram Save Stem -6 Deg 90mm
	CP2000U1010	HollowGram Save Stem -6 Deg 100mm
	CP2000U1011	HollowGram Save Stem -6 Deg 110mm
	CP2000U1012	HollowGram Save Stem -6 Deg 120mm
	CP2000U1030	HollowGram Save Stem -6 Deg 130mm

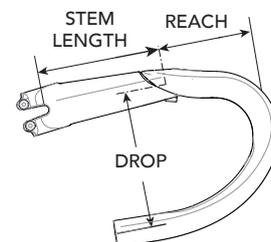
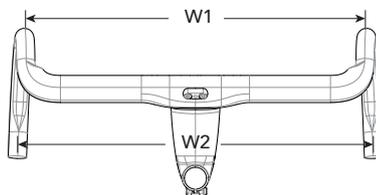
ID	Part Number	Description
C	CP2600U1036	HollowGram Save SystemBar 36cm
	CP2600U1038	HollowGram Save SystemBar 38cm
	CP2600U1040	HollowGram Save SystemBar 40cm
D	CP2600U1042	HollowGram Save SystemBar 42cm
	CP2600U1044	HollowGram Save SystemBar 44cm
	K28018	SystemBar Mounting Hardware
E	K12008	SystemBar Computer and Light Insert
F	K12018	SystemBar Computer and Light Mount
G	K35009	SL Compression Plug With Top Cap
I	K28039	HG KNOT/SAVE Stem Plug

HollowGram KNØT SystemBar



HollowGram KNØT SystemBar Dimensions

Size (cm)	38	40	42	44
W1 (cm)	36	38	40	42
W2 (cm)	39	41	43	45
Reach (mm)	80	80	80	80
Drop (mm)	125	125	125	125
Flare (degrees)	5	5	5	5



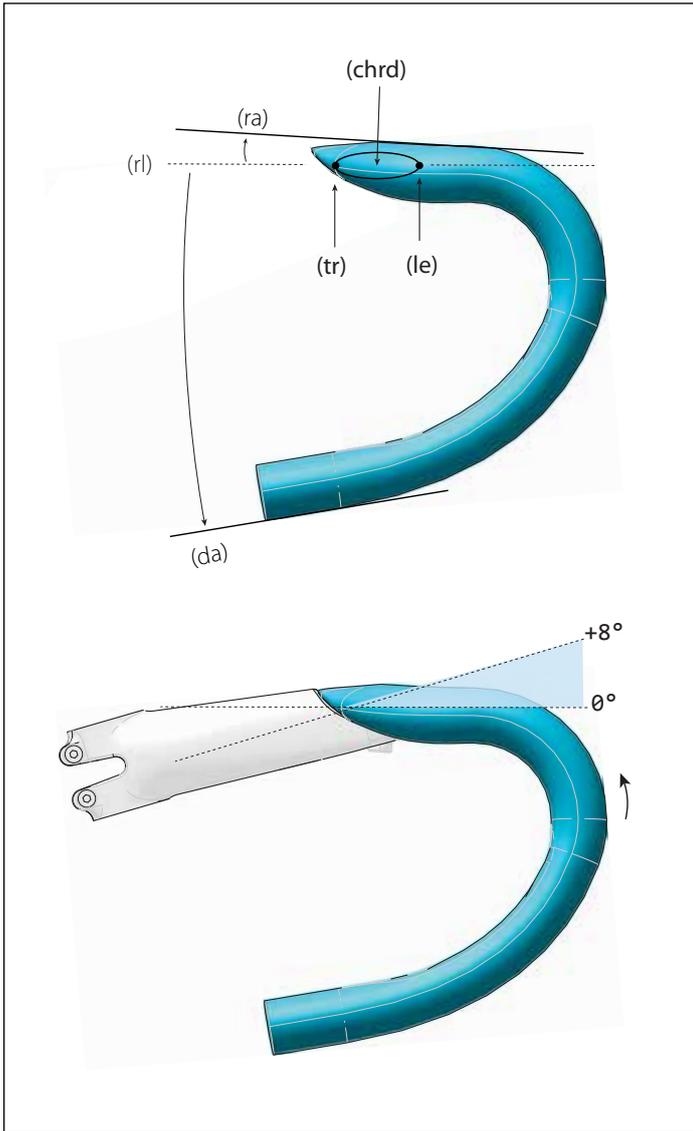
NOTES:

1. Assembly of spacers is explained on the following pages.
2. Stem height may be set by using a combination of the 12.5mm and/or 7.5mm spacers. The Maximum Stack Height of the stem is 55mm. The example above depicts 2 x 12.5 mm spacers and 4 x 7.5 mm spacers, resulting in 55 mm.
3. Use only the Cannondale SI Compression plug **K35009**.

ID	Part Number	Description
A	CP2009U1080	KNØT SystemStem -17 Deg 80 mm
	CP2009U1090	KNØT SystemStem -17 Deg 90 mm
	CP2009U1010	KNØT SystemStem -17 Deg 100 mm
	CP2009U1011	KNØT SystemStem -17 Deg 110 mm
	CP2009U1012	KNØT SystemStem -17 Deg 120 mm
B	CP2019U1080	HG KNØT SystemSix Stem Cover -17Deg 80mm
	CP2019U1090	HG KNØT SystemSix Stem Cover -17Deg 90mm
	CP2019U1010	HG KNØT SystemSix Stem Cover -17Deg 100mm
	CP2019U1011	HG KNØT SystemSix Stem Cover -17Deg 110mm
	CP2019U1012	HG KNØT SystemSix Stem Cover -17Deg 120mm

ID	Part Number	Description
C	CP2129U1038	KNØT SystemBar BK 380 mm
	CP2129U1040	KNØT SystemBar BK 400 mm
	CP2129U1042	KNØT SystemBar BK 420 mm
	CP2129U1044	KNØT SystemBar BK 440 mm
D	K28018	SystemBar Mounting Hardware
E	K28009	SystemSix Stem Spacer Kit
F	K35009	SL Compression Plug With Top Cap
G	K12018	SystemBar Computer and Light Mount
H	K12008	SystemBar Computer and Light Insert
I	K28039	HG KNØT/SAVE Handlebar Plug

Handlebar Pitch



Handlebar pitch can be set within a 0 - 8 degree range. There are no notches on the stem or bar so pitch is infinitely variable within the 0-8 degree range.

For a typical head angle (approx. 73 degrees), the pitch range is 0 to +8 degrees: 0 degrees is when the bar tops are horizontal; +8 degrees pitches the leading edge up.

WARNING

HANDLEBAR PITCH ADJUSTMENT: Each time pitch is changed, the bolts must be removed, cleaned and Loctite 242 (blue) re-applied. Repeated adjustment without cleaning and re-application reduces Loctite effectiveness.

KNØT Stem Spacers

Spacers can be flexed open to allow spacer assembly / disassembly without disconnecting cables.



Bend spacer inwards to route cables through first slot, then route cables through the second slot.



Assemble spacer on steerer tube.



Spacers and stem have interlocking feature to ensure alignment.



Hinge covers together and slide them over the stem body. Stem body and covers have interlocking features.



Close right stem cover first, then rotate left stem cover in place and close around the stem body



Assemble the stem covers with the M3 bolt (2 Nm)

