

SystemBar R-One

Product Identification

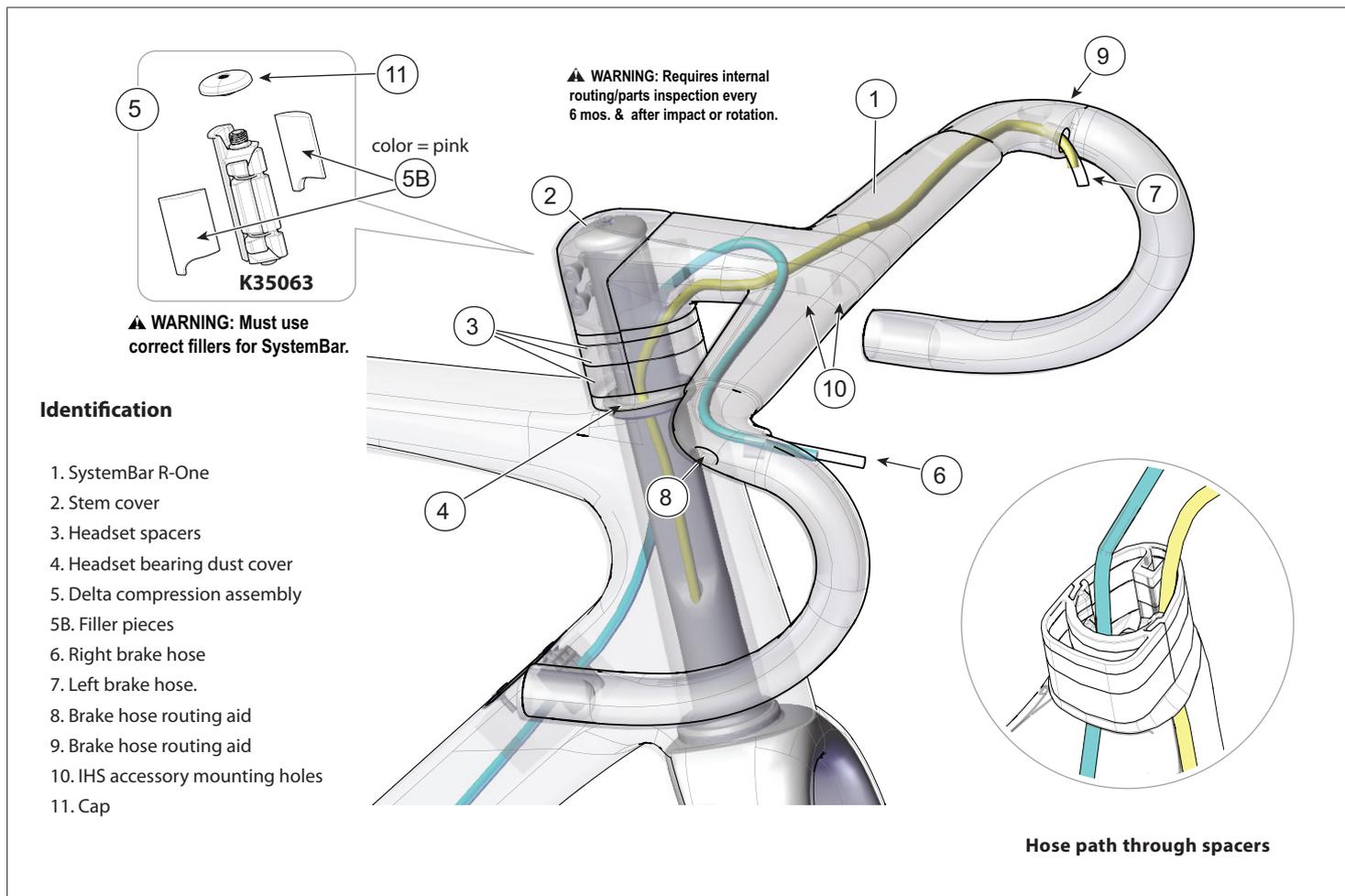


Figure 1.

Specifications

Fork steerer	Delta, 1 1/8"
Material	Carbon
Stem angle	-6 degrees
Reach	80mm
Drop	130mm
Flare	20mm
Weight	410g
Computer mount	18mm IHS spacing
Cable routing	Delta routing, electronic shifting only
Intended Use	ASTM Condition 1, High-Performance Road only.

This Owners Manual

This manual provides important safety, maintenance, and technical information. This manual is not intended as a comprehensive assembly, use, service or repair guide. You may download this or other Cannondale manuals/supplements for your bike from our website: <http://www.cannondale.com>.

Professional Installation

WARNING

For your safety, installation, adjustment, and service of the handlebar and other system parts are to be performed only by a skilled professional bike mechanic. Incorrect installation, adjustment, and service can result in damage leading to an accident.

Installation

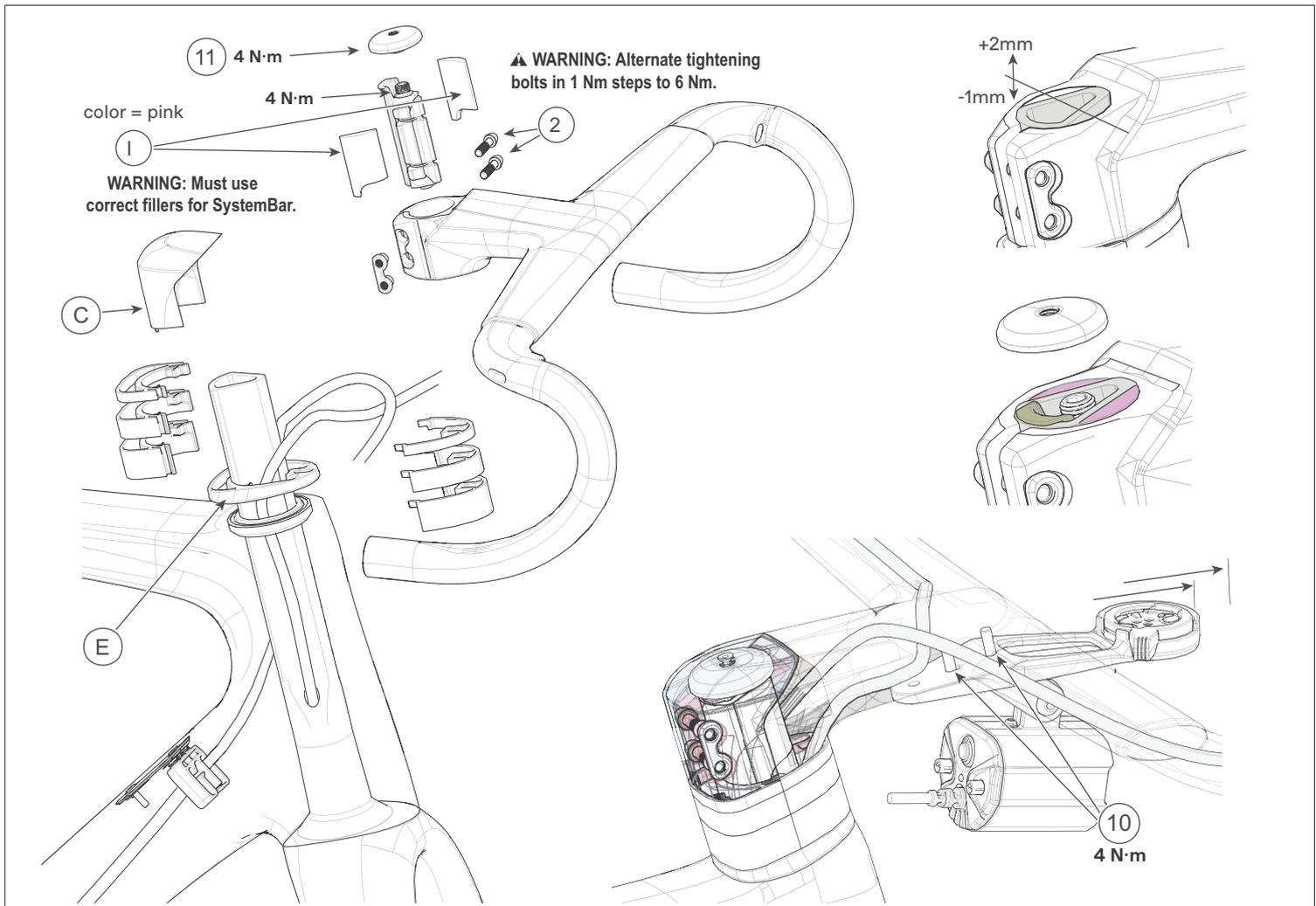


Figure 3.

Key Information

- This handlebar is intended for use with the Conceal Spacers shown. The spacers are interlocking. You can add up to 50mm of spacers. The bearing dust cover (E) height is 5mm. The resulting maximum total stack height is therefore 55mm. No spacers of any type can be used above the stem between the handlebar and the cap (11) which sets bearing preload after the compression assembly is fixed.
- When installing the compression assembly, follow directions found in the "Cannondale Delta Compression Assembly Service Instructions." Both left and right filler pieces (I) must be inserted, and the foot of each filler piece must be installed down so they rest on the upper most spacer. This ensures that the top edge of the fillers are also flush with the top of the stem surface. Use only the filler pieces marked for use with SystemBar, do not use any filler pieces that are not marked for use with SystemBar.
- Handlebar bar tape must be installed. The handlebar must not be used without properly wrapping the bar. Handlebar end caps included with the handlebar tape must be used.
- As mentioned in the WARNINGS on page 4, the Handlebar must not be cut, filed, sanded or any holes enlarged for any reason.
- This handlebar only supports internal brake lines. Features inside the spacers are intended to guide the lines. The installed lines must be sized and cut carefully so free turning of the handlebars is not impaired by cable lengths that are too short, or too long.
- The brake levers installed must directly fit to the 24mm bar diameter at the location and within the range on the bar indicated in Figure 3. Friction paste may be used if specified. Use a torque wrench when fixing brakes to the bar. Follow the brake manufacturer's torque instruction.
- Change bolt mounting holes of the computer mount to move the mount forward or back depending on preference or computer unit length.
- Install the stem cover (C) by tucking the bottom into the top spacer, then rotating the cover forward to engage the stem top cap (11).

Replacement Parts & Tightening Torque

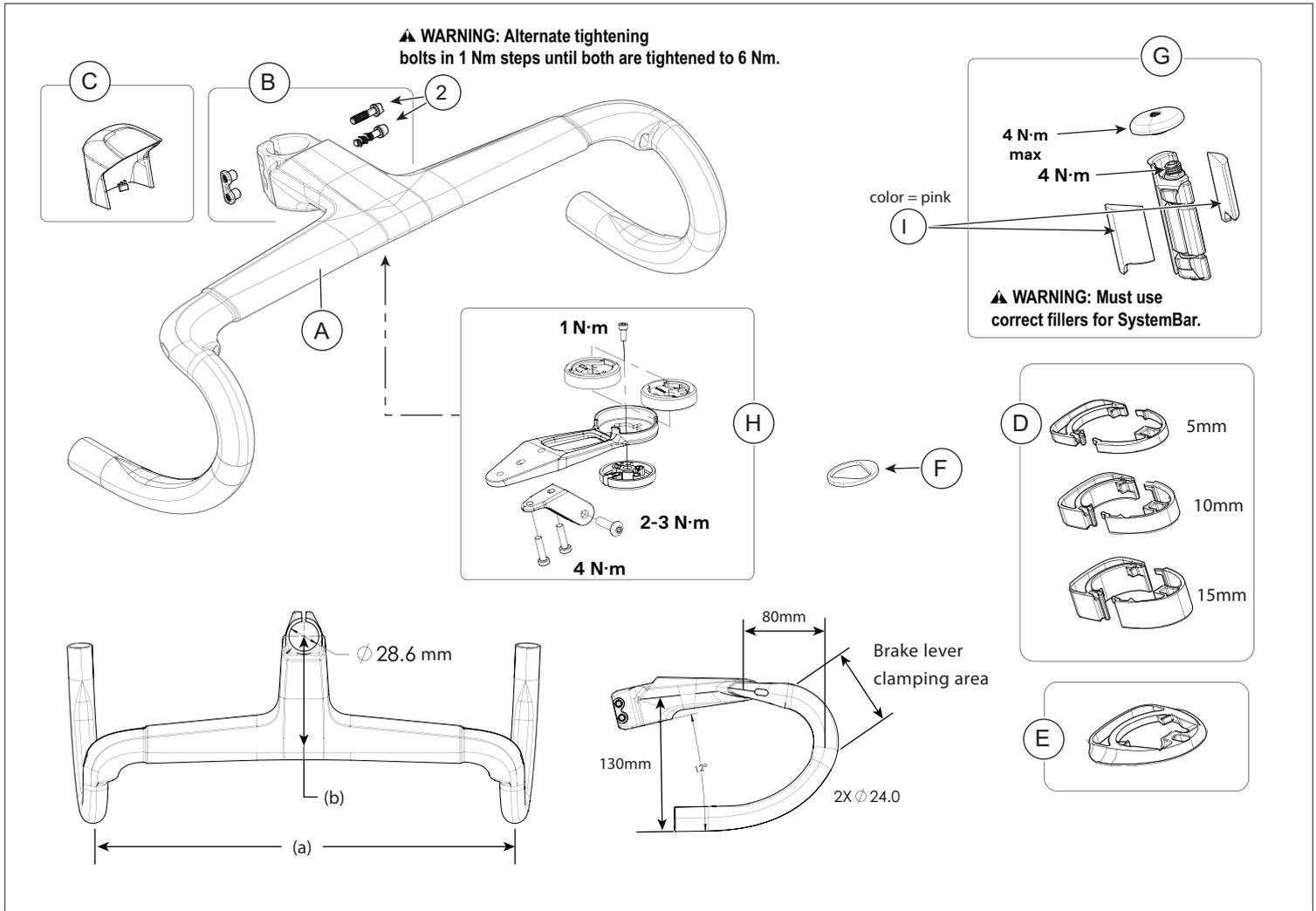


Figure 3.

SystemBar R-One Kits

Item(s)	Part Number	Kit Description : Width (a) Stem Length(b)
A, B,C,D,H	CP2552U1090	SystemBar R-One Road Bars BK 380 x 90mm
	CP2552U1010	SystemBar R-One Road Bars BK 380 x 100mm
	CP2552U1011	SystemBar R-One Road Bars BK 380 x 110mm
	CP2552U1012	SystemBar R-One Road Bars BK 380 x 120mm
	CP2552U1049	SystemBar R-One Road Bars BK 400 x 90mm
	CP2552U1041	SystemBar R-One Road Bars BK 400 x 100mm
	CP2552U1040	SystemBar R-One Road Bars BK 400 x 110mm
	CP2552U1042	SystemBar R-One Road Bars BK 400 x 120mm
	CP2552U1020	SystemBar R-One Road Bars BK 420 x 100mm
	CP2552U1021	SystemBar R-One Road Bars BK 420 x 110mm
	CP2552U1022	SystemBar R-One Road Bars BK 420 x 120mm

Small Parts

Item(s)	Part Number	Kit Description
B	K28102	One Piece Handlebar Bolts W/Dogbone Nut
C	K28092	One Piece Handlebar Stem Cover
D	K28062	Conceal Spacer Kit: 5mm QTY 3, 10mm QTY 2, 15mm QTY 1
E	K28052	Conceal Headset Bearing Dust Cover
F	K28042	Delta Preload Stem Spacer Kit
G	K35063	SystemBar Delta Expander Plug
I	K3508310	SystemBar Delta Filler Pieces L+R PNK
H	CP1242U100S	SystemBar 1 Piece Drop Computer Mount BK OS

Important Warnings

WARNINGS

INSTALLATION: For your safety, the installation, adjustment, and service of the handlebar and other system parts are to be performed only by a skilled professional bike mechanic. Incorrect Installation, adjustment, and service can result in damage leading to an accident.

REQUIRED INSPECTION: SystemBar requires internal routing/parts inspection every 6 months and after impact or rotation. The headset/internal routing system should be disassembled and inspected by a professional bicycle mechanic.

INTENDED USE: ASTM Condition 1, High-Performance Road. Not Intended: For cyclocross, jumping, or aggressive riding styles or conditions. Now read "Intended Use" in the Cannondale Bicycle Owner's Manual at www.cannondale.com.

COMPATIBILITY: For wireless shift systems only. Internal routing of this handlebar does not support installation of mechanical or wired electronic shift systems. This handlebar may only be fitted onto Cannondale forks with a Delta steerer or a threadless 1-1/8 in (28.6 mm) diameter steerer. Do not use unauthorized adapters or shims. When used with a Cannondale Delta steerer type fork, the Cannondale compression assembly p/n K35051 must be used and installed according to the Cannondale Service Instruction - Delta Compression Assembly 137382.

DO NOT MODIFY THE HANDLEBAR/STEM IN ANY WAY: Modifications result in structural damage. Do not cut, file, or remove material from the handlebar or stem, enlarge the cable guide holes, or shorten the bar ends. Do not clamp-on or attach anything to the handlebar or stem including handlebar extensions and accessories. Modifications void applicable warranty.

INSPECTION & CRASH/IMPACT DAMAGE: After any crash or impact, immediately stop riding. Have the the handlebar and bicycle inspected by a trained professional bicycle mechanic for any damage (e.g., bending, cracking, deep scratches or scoring, missing or loose parts). Never ride a bike with any damage. Regular periodic inspection is also required 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/DISTRACTIONS: Use only the mounting points indicated in these instructions and only mount accessories that are indicated as compatible with the mounting points. Do not allow any mounted/ attached accessories (e.g., iPhone, Android phone, lighting system, remote camera or cycling computer) to distract you 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.

ALWAYS USE A HIGH-QUALITY TORQUE WRENCH : Setting fastener torque accurately is important to your safety. A torque wrench is required to apply the indicated torque values. It is also very important to clean bolt threads and apply threadlock, if specified, before installing a fastener. 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 have a torque wrench or do not know how to use one, have the parts installed or service by a skilled professional bicycle mechanic

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

Care & Maintenance

Inspect the handlebar for damage before and after every ride. And immediately after any crash or impact.

Clean the handlebar with mild soap and water only. Dry with a clean towel.

Do not use solvents or abrasives. Cover mounted accessories to prevent possible water damage.

Limited Warranty

The "components" terms apply to this accessory. For more information, go to the support area at www.cannondale.com

NOTICE

Unauthorized service, maintenance, or repair parts can result in serious damage and void your warranty.

Contacting Cannondale

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Go to www.cannondale.com for contact information for your region.