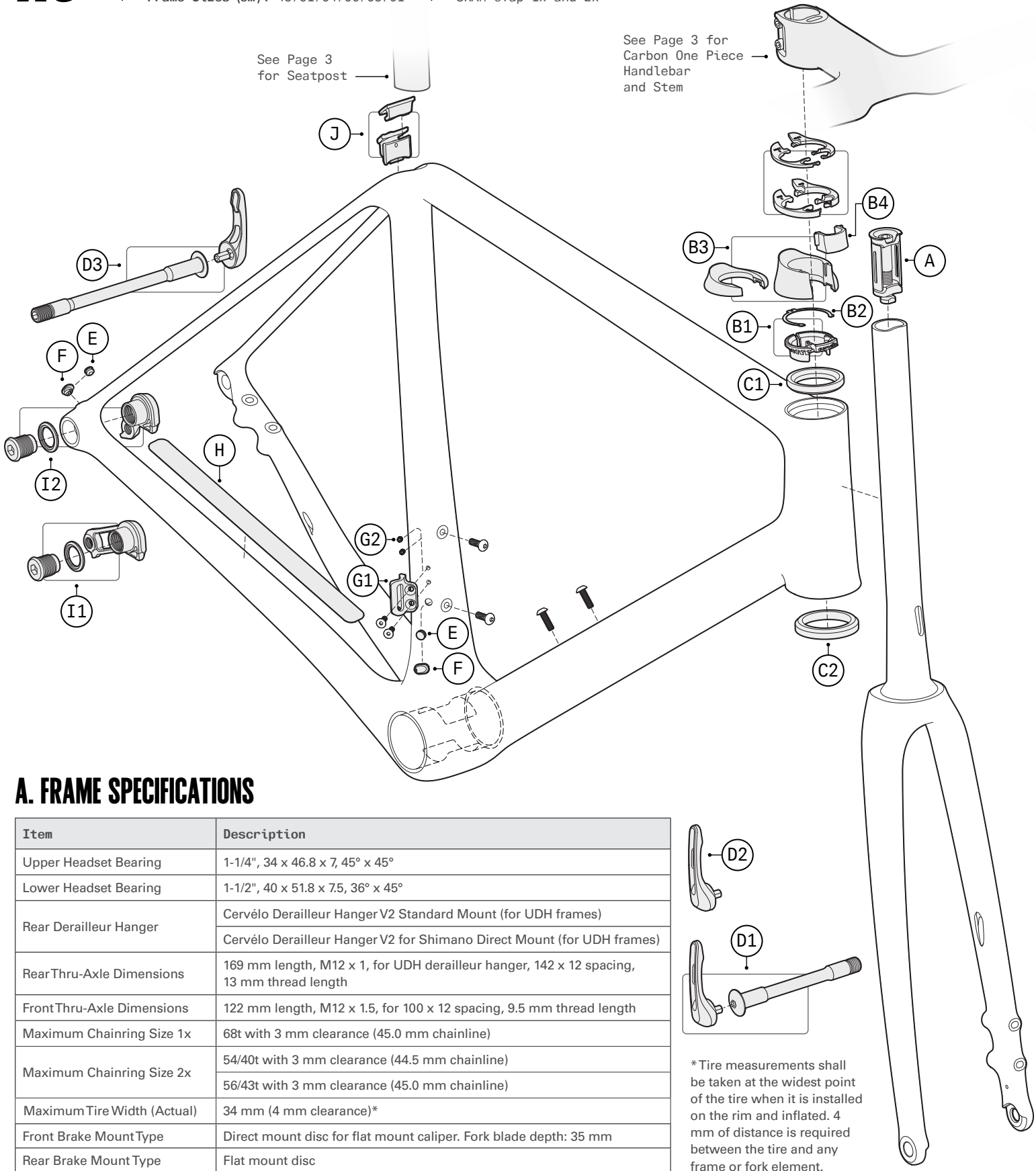




A. FRAME SPECIFICATIONS

Item	Description
Upper Headset Bearing	1-1/4", 34 x 46.8 x 7, 45° x 45°
Lower Headset Bearing	1-1/2", 40 x 51.8 x 7.5, 36° x 45°
Rear Derailleur Hanger	Cervélo Derailleur Hanger V2 Standard Mount (for UDH frames) Cervélo Derailleur Hanger V2 for Shimano Direct Mount (for UDH frames)
Rear Thru-Axle Dimensions	169 mm length, M12 x 1, for UDH derailleur hanger, 142 x 12 spacing, 13 mm thread length
Front Thru-Axle Dimensions	122 mm length, M12 x 1.5, for 100 x 12 spacing, 9.5 mm thread length
Maximum Chainring Size 1x	68t with 3 mm clearance (45.0 mm chainline)
Maximum Chainring Size 2x	54/40t with 3 mm clearance (44.5 mm chainline) 56/43t with 3 mm clearance (45.0 mm chainline)
Maximum Tire Width (Actual)	34 mm (4 mm clearance)*
Front Brake Mount Type	Direct mount disc for flat mount caliper. Fork blade depth: 35 mm
Rear Brake Mount Type	Flat mount disc

A. FRAME SPECIFICATIONS (CONT.)

Item	Description
Rear Brake - Chainstay Height	25 mm
Brake Rotor Min/Max	Front 160 mm only, Rear 140 mm / 160 mm
Bottom Bracket Type/Width	BBright
Fork Offset Size 48 cm	57.5 mm
Fork Offset Size 51 cm	51.5 mm
Fork Offset Size 54 cm	45.5 mm
Fork Offset Size 56 cm	45.5 mm
Fork Offset Size 58 cm	45.5 mm
Fork Offset Size 61 cm	45.5 mm
Fork Steerer Type	Cervélo D-Shaped
Maximum Stem Spacer Height	52 mm (including bearing top cap)

B. PART NUMBERS

Item	Part No.	Description	Qty.	Consumable
A	FKI-CL014-3047A	D-Steerer HS Preload SL Compression Plug	1	
B1	SR-466	HS002 Headset Split Ring with Micro Shims (x3)	1	X
B2	HS-865	HS002 Headset Bearing Micro Shims (x3)	1	
B3	BC-997	Bearing Cap Kit 997 (22 mm Top Cap with Plug and 7 mm Top Cap)	1	
B4	PL-807	HS002 Headset Bearing Top Cap Plug	1	X
B5	SK-032	ST31 / ST32 Stem Spacer Kit (2.5 mm x2, 5 mm x7)	1	
C1	HS-082SL	FSA SL Headset Bearing 1-1/4" 45° x 45°	1	X
C2	HS-110SL	FSA SL Headset Bearing 1-1/2" 36° x 45°	1	X
D1	QRA-882	Cervélo Front Aero Thru-Axle V2 with Removable Handle	1	
D2	QRA-AERO2-HNDL	Removable Handle For Cervélo Aero Thru-Axle	1	

Item	Part No.	Description	Qty.	Consumable
D3	QRA-698	Rear Road UDH Thru Axle with Removable Handle	1	
E	GR-576	6 mm Blanking Plug	2	
F	EW-GM300-S	Shimano SD300 Grommet for 6 mm Hole	2	
G1	FDM-2017	Front Derailleur Mount with Fixing Screws	1	
G2	SS-FDM-192	Set Screw Blanking FDM	1	
H	PRO-CS-508	Chainstay Protector 508	1	X
I1	DRH-897	Cervélo Derailleur Hanger V2 for Shimano Direct Mount	1	X
I2	DRH-896	Cervélo Derailleur Hanger V2 Standard Mount	1	X
J	SPC-989	Seat Post Clamp Assembly 989 (Seat Post Clamp and Cover)	1	X

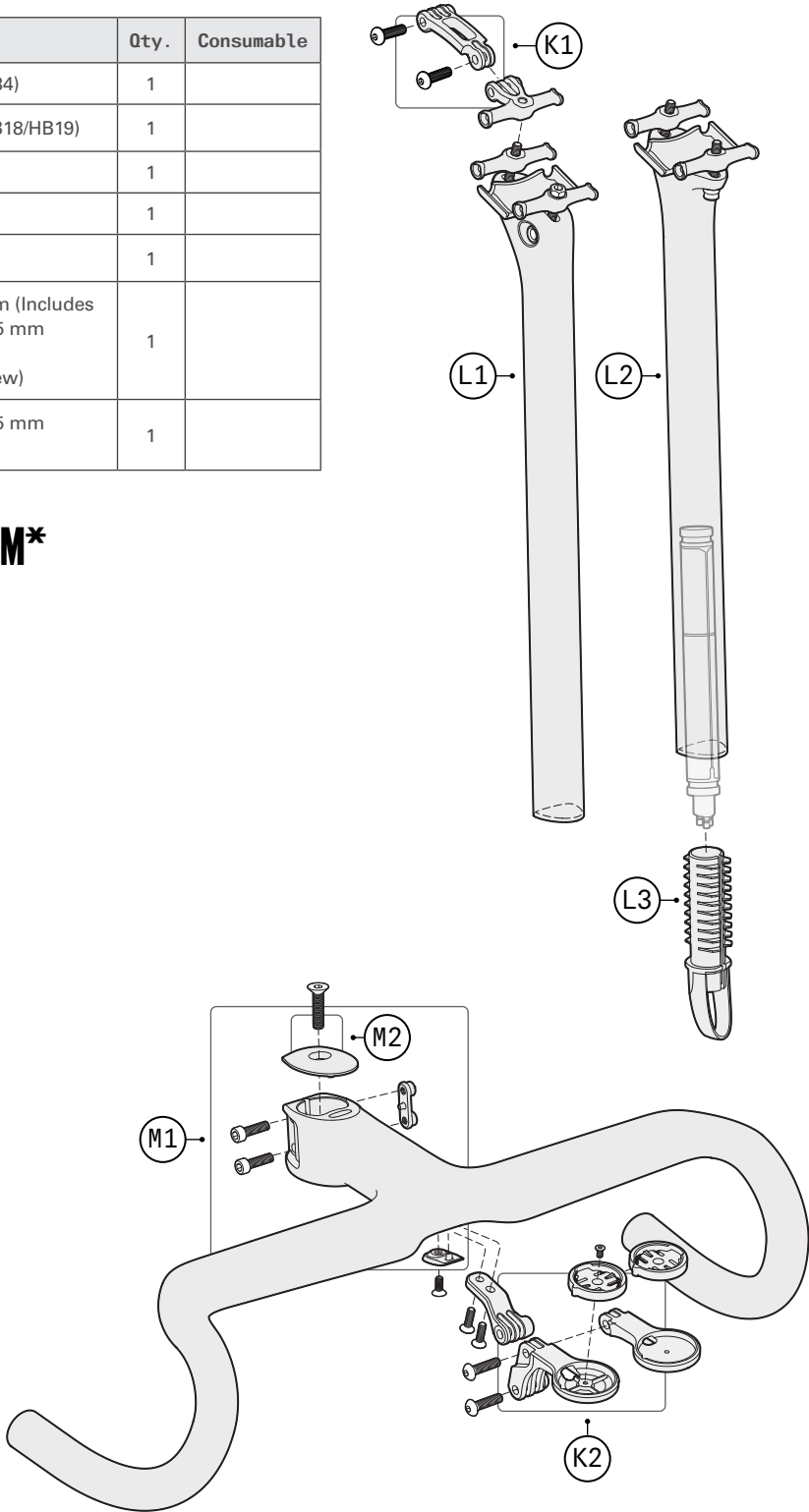
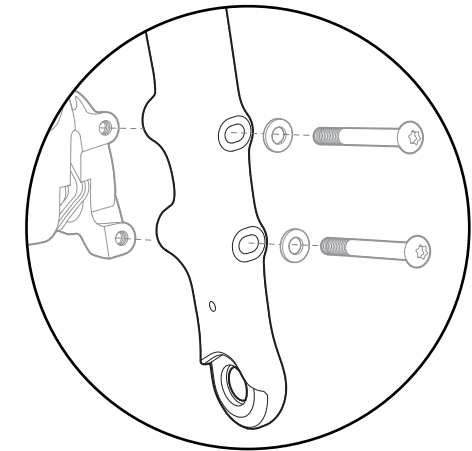
C. PART NUMBERS - SEATPOSTS, ONE PIECE HANDLEBAR AND STEM

Item	Part No.	Description	Qty.	Consumable
K1	MT-LM-R-974	Accessory Mount Kit Rear 974 (for SP33/SP34)	1	
K2	MT-LM-F-887	Accessory Mount Kit Front 887 (for HB16/HB18/HB19)	1	
L1	SP-SP33-15MM-B	SP33 Carbon Seatpost 15 mm Offset	1	
L2	SP-SP33-ZERO-B	SP33 Carbon Seatpost 0 mm Offset	1	
L3	MT-BINT-SP2	Seatpost Battery Mount	1	
M1	See Table D	HB18 Carbon One Piece Handlebar and Stem (Includes ST31 / ST32 Lite Stem Top Cap with M6 x 25 mm titanium fixing screw and Accessory Mount Blanking Cover with M4 x 10 mm fixing screw)	1	
M2	STC-011	ST31 / ST32 Lite Stem Top Cap with M6 x 25 mm titanium fixing screw	1	

D. HB18 CARBON ONE PIECE HANDLEBAR AND STEM*

Part No.	Stem Length	Handlebar Width
36 cm - HB18 Carbon One Piece Handlebar and Stem		
HB-HB18-80-36/40-B	80 mm	36 cm (40 cm at drops)
HB-HB18-90-36/40-B	90 mm	
HB-HB18-100-36/40-B	100 mm	
HB-HB18-110-36/40-B	110 mm	
HB-HB18-120-36/40-B	120 mm	
HB-HB18-130-36/40-B	130 mm	
HB-HB18-140-36/40-B	140 mm	
38 cm - HB18 Carbon One Piece Handlebar and Stem		
HB-HB18-90-38/42-B	90 mm	38 cm (42 cm at drops)
HB-HB18-100-38/42-B	100 mm	
HB-HB18-110-38/42-B	110 mm	
HB-HB18-120-38/42-B	120 mm	
HB-HB18-130-38/42-B	130 mm	
HB-HB18-140-38/42-B	140 mm	
HB-HB18-150-38/42-B	150 mm	
40 cm - HB18 Carbon One Piece Handlebar and Stem		
HB-HB18-100-40/44-B	100 mm	40 cm (44 cm at drops)
HB-HB18-110-40/44-B	110 mm	
HB-HB18-120-40/44-B	120 mm	
HB-HB18-130-40/44-B	130 mm	
HB-HB18-140-40/44-B	140 mm	

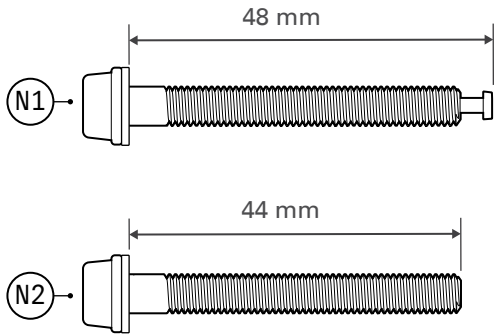
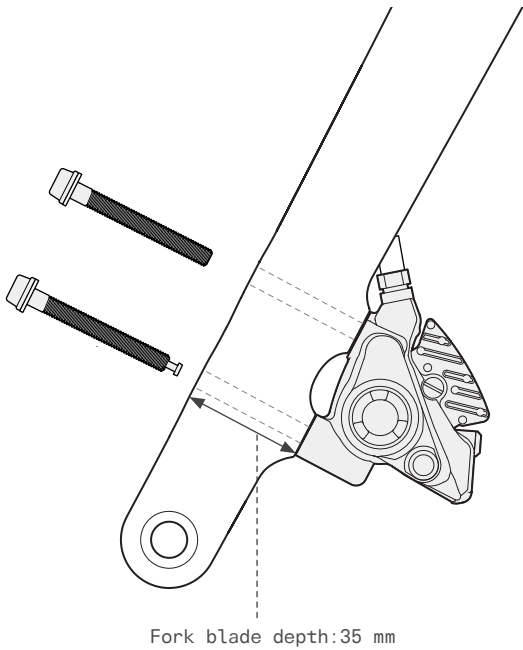
*7° flared drops



The R5 direct mount fork is 160 mm rotor native. Flat mount disc brake calipers require no adapter plate.

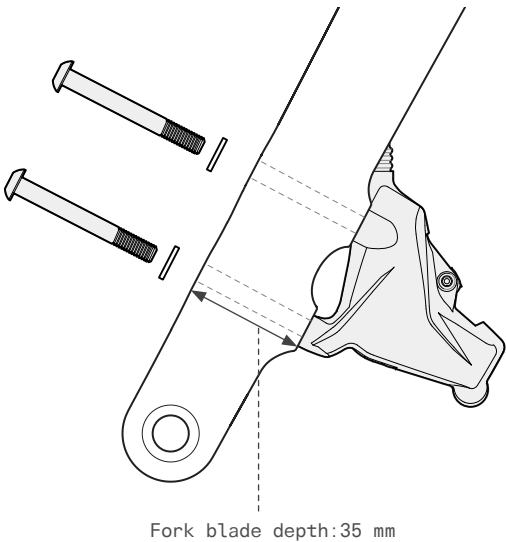
E. SHIMANO FLAT MOUNT FIXING SCREWS

Item	Shimano Part No.	Description	Qty.
N1	Y8N208040	Type C Flat Mount Fixing Screw - 48 mm	1
N2	Y2J708040	Type C2 Flat Mount Fixing Screw - 44 mm	1



F. SRAM FLAT MOUNT FIXING SCREWS

Item	SRAM Part No.	Description	Qty.
O1	00.5318.005.010	T25 Flat Mount Fixing Screws with Washers - 42 mm	2
O2	00.5318.005.011	Titanium T25 Flat Mount Fixing Screws with Washers - 42 mm	2





Frame Code: FM166
Serial Number Code: SN166
Frame Sizes (cm): 48/51/54/56/58/61

Build Compatibility:
Shimano Di2 12 speed-1x and 2x
SRAM eTap-1x and 2x

2026

G. SUGGESTED PREVENTATIVE MAINTENANCE SCHEDULE

Item	Every Ride	300 Miles	600 Miles	900 Miles	1200 Miles (Yearly)
Check bicycle for visual damage and function of all controls	X				
Check for firmware updates to electronics			X		X
Check brake function	X				
Check brake pad and rotor thickness, replace at manufacturer's recommended wear point		X	X	X	X
Bleed hydraulic brake system					X
Remove drivetrain, clean, degrease, reinstall with appropriate grease and lubricant					X
Inspect chain, cassette, and chainring for wear. Replace as per manufacturer's specification		X	X	X	X
Remove bottom bracket, inspect for wear, clean threads, and reinstall with proper grease and lubricant					X
Visual external inspection of mechanical shift housing and brake hose for wear, frayed, or cracked pieces	X				
Full inspection of mechanical shift cable and housing for normal wear and tear. Replace entire cable system when exhibiting signs of exploded housing ends, bent or frayed shift cables			X		X
Service headset- remove bearings, inspect for wear, replace bearings if worn, clean interface, and reinstall with appropriate grease					X
Clean and reapply grease/carbon paste/thread locker to stem, seatpost, and seatpost wedge hardware as per manufacturer's recommendation					X
Inspect spoke tension and wheel true- adjust as needed			X		X
Inspect wheel bearings and adjust/replace as needed			X		X
Check tire sealant level and replace if dry		X	X	X	X
Inspect tire casing and tread condition and replace when worn			X		X

RECOMMENDATIONS

1. It is Cervélo's strong recommendation to batch overlapping services together in a comprehensive way (e.g. service/replace headset bearings at time of brake bleeds, etc.)
2. In case of a conflict between the service intervals given in this tech reference sheet and those provided by a component manufacturer, consult with your Cervélo Retailer, Cervélo Customer Service, or the original component manufacturer for clarification.