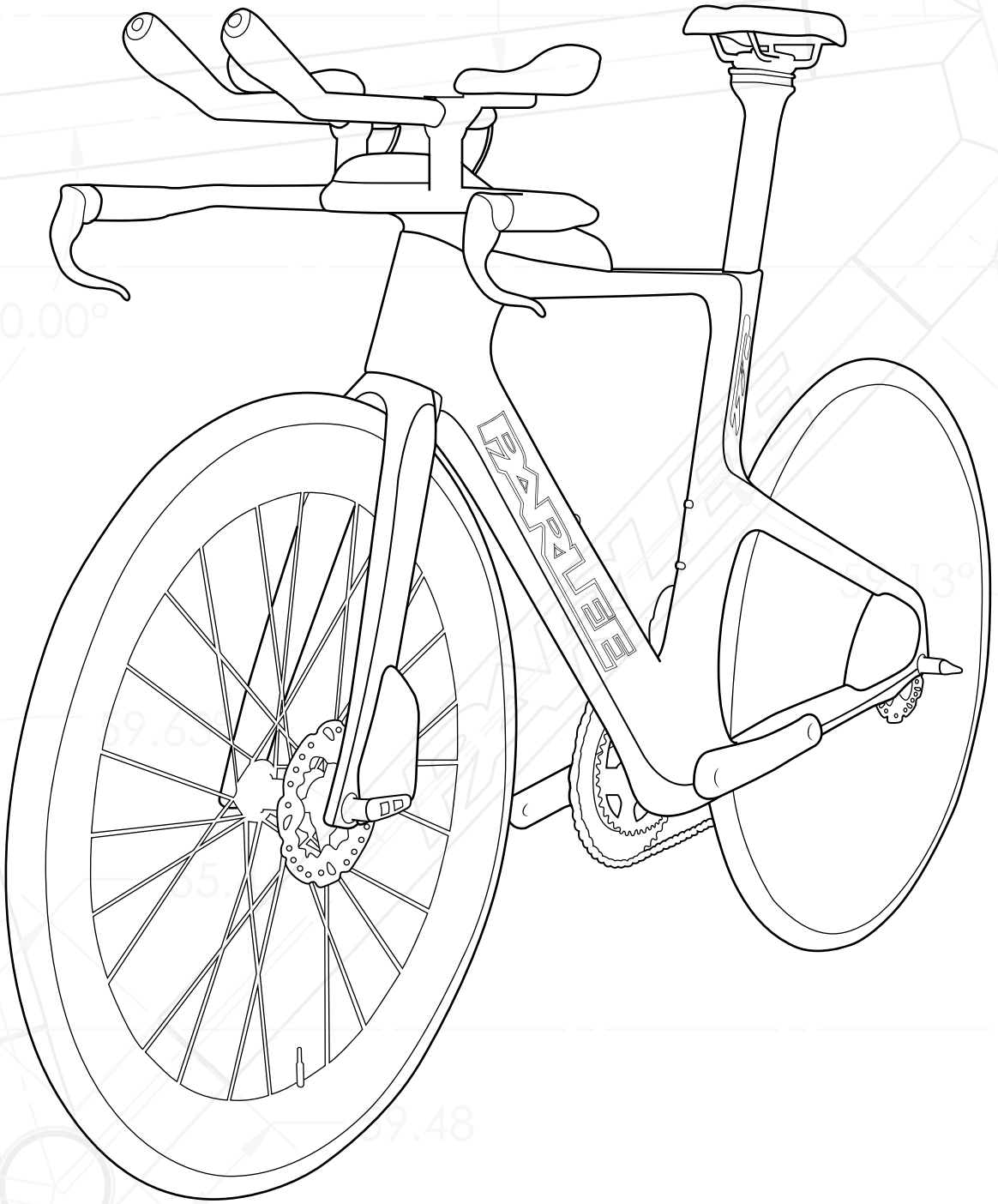
FR

Electronic Drive-train Cabling Guide

R 2, V. 08012018



EUROBIKE GOLD WINNER AWARD 2016

EDITOR'S PICK LAVA MAGAZINE GEAR OF THE YEAR 2017

PARLEE

Congratulations on the purchase of your new PARLEE TTiR!

We have designed the TTiR to be the most advanced Triathalon/Time-Trial/Multisport Bicycle on the market today, with many segment innovations such as disc brakes and through-axles.

This manual contains important assembly and service information. All assembly and service of PARLEE bicycles must be carried out by an authorized PARLEE Dealer/Mechanic.

Note to PARLEE Dealers/Mechanics: We strongly advise that you read this manual in its entirety before assembly of the bicycle to familiarize yourself with the systems and proprietary procedures of its assembly.

If you have any questions contact PARLEE at

Phone 978.998.4880

Email: Info@parleecycles.com

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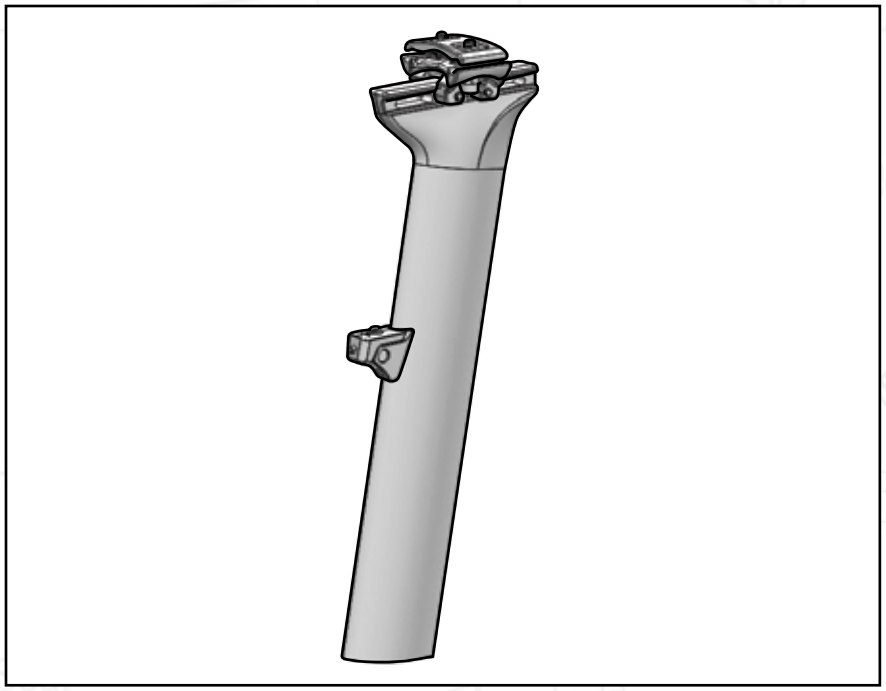
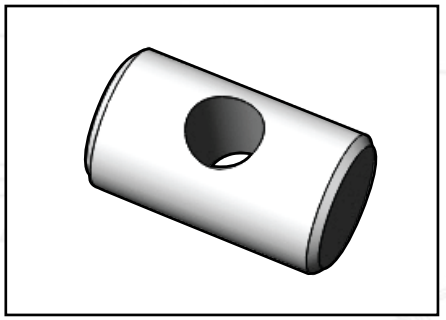
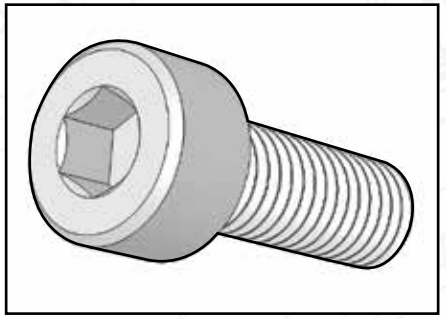


Seat Post Assembly



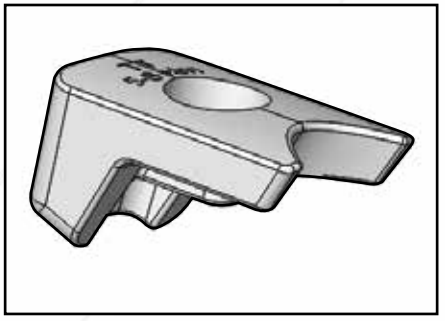
Compact Clamp Nut

x1



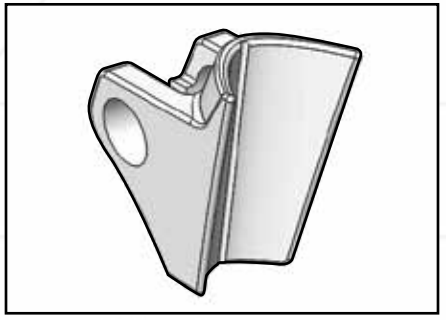
M5 Wedge Clamp Bolt

x1 - Red Loctite



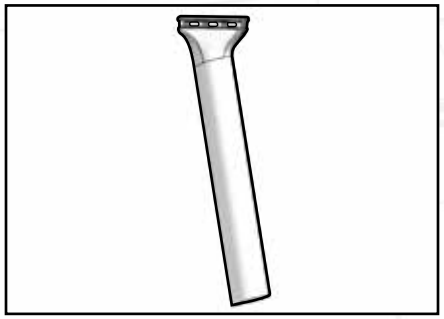
Clamp Top

x1



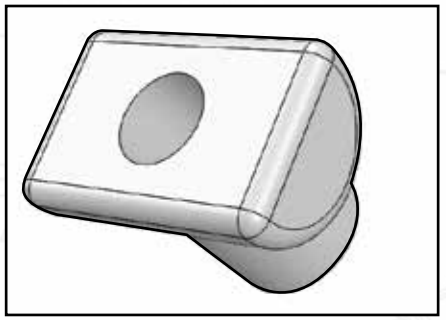
Seat Post Follower

x1



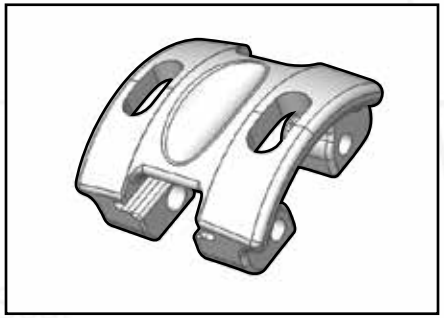
Seat Post

x1



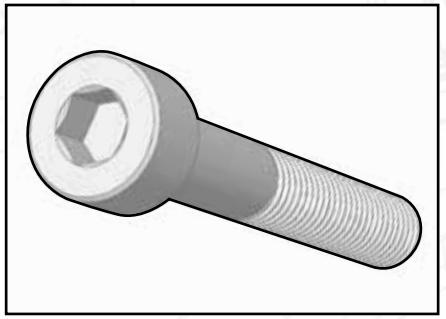
Seat Rail Clamp Nut

x2



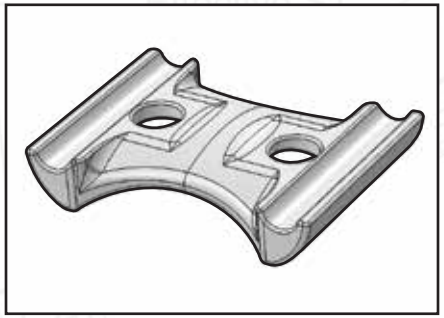
Seat Post Rail Clamp

x1



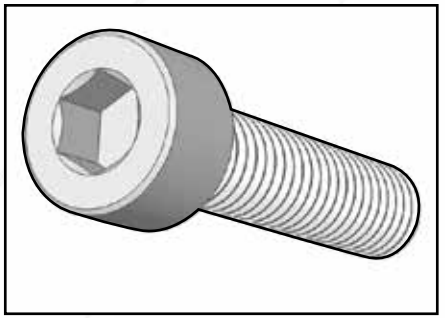
M5 Socket Head 35mm Screw

x2 - Greased



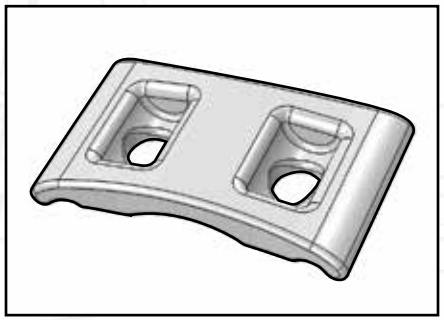
Seat Rail Clamp Bottom

x1



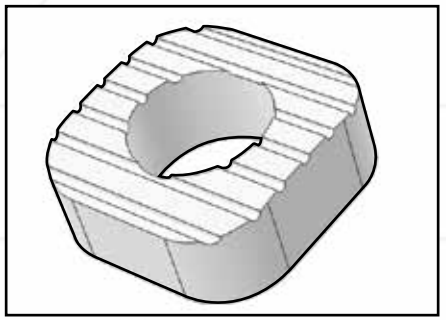
M6 Socket Head 25mm Screw

x2 - Blue Loctite



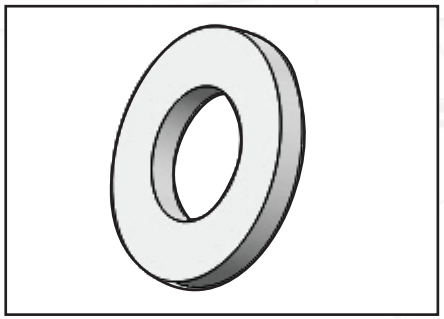
Seat Rail Clamp Top

x1



Seat Rail Washer

x2 - Grooves face left to right.

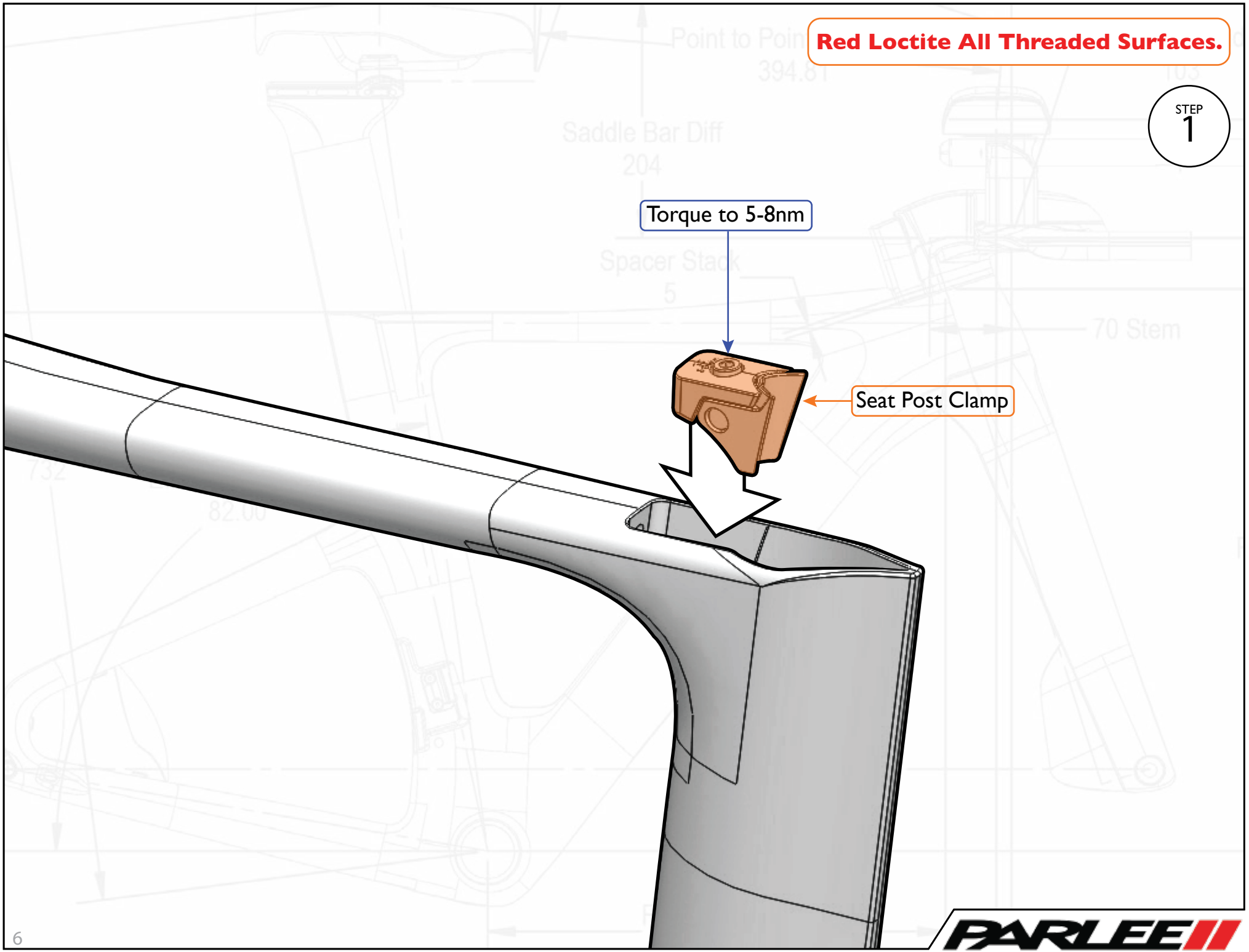


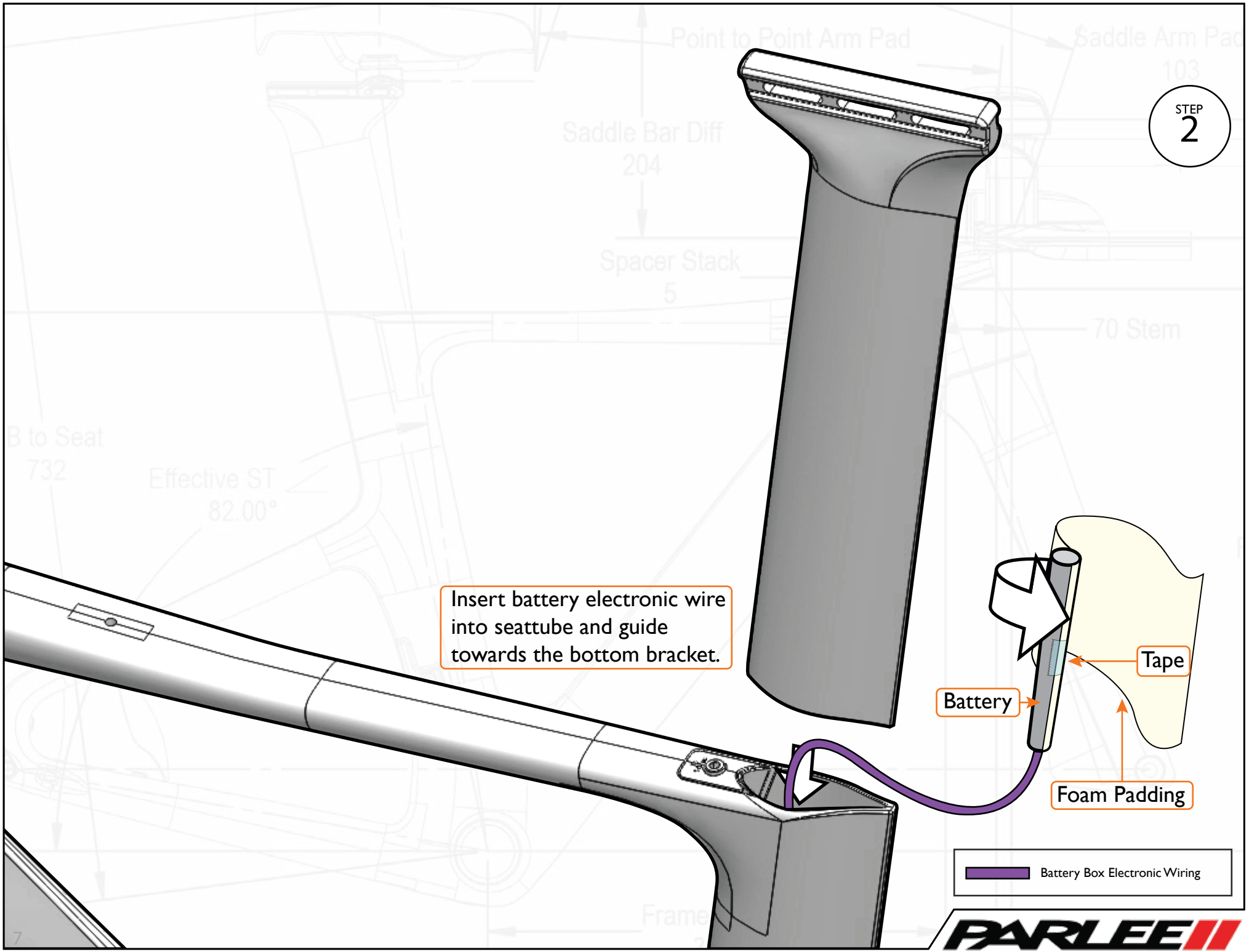
M5 Washer

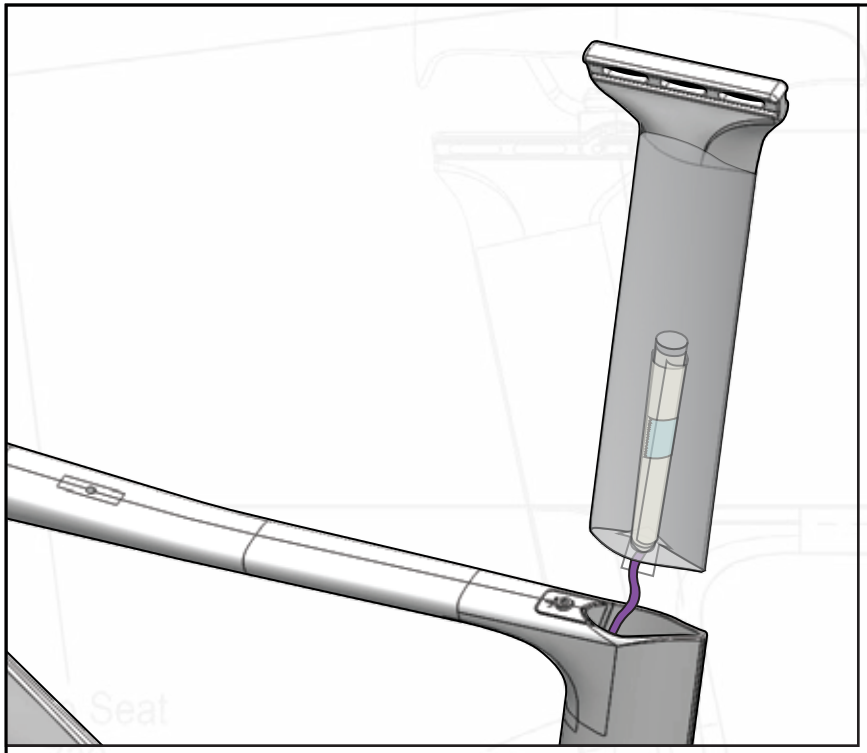
x2

Red Loctite All Threaded Surfaces.

STEP 1

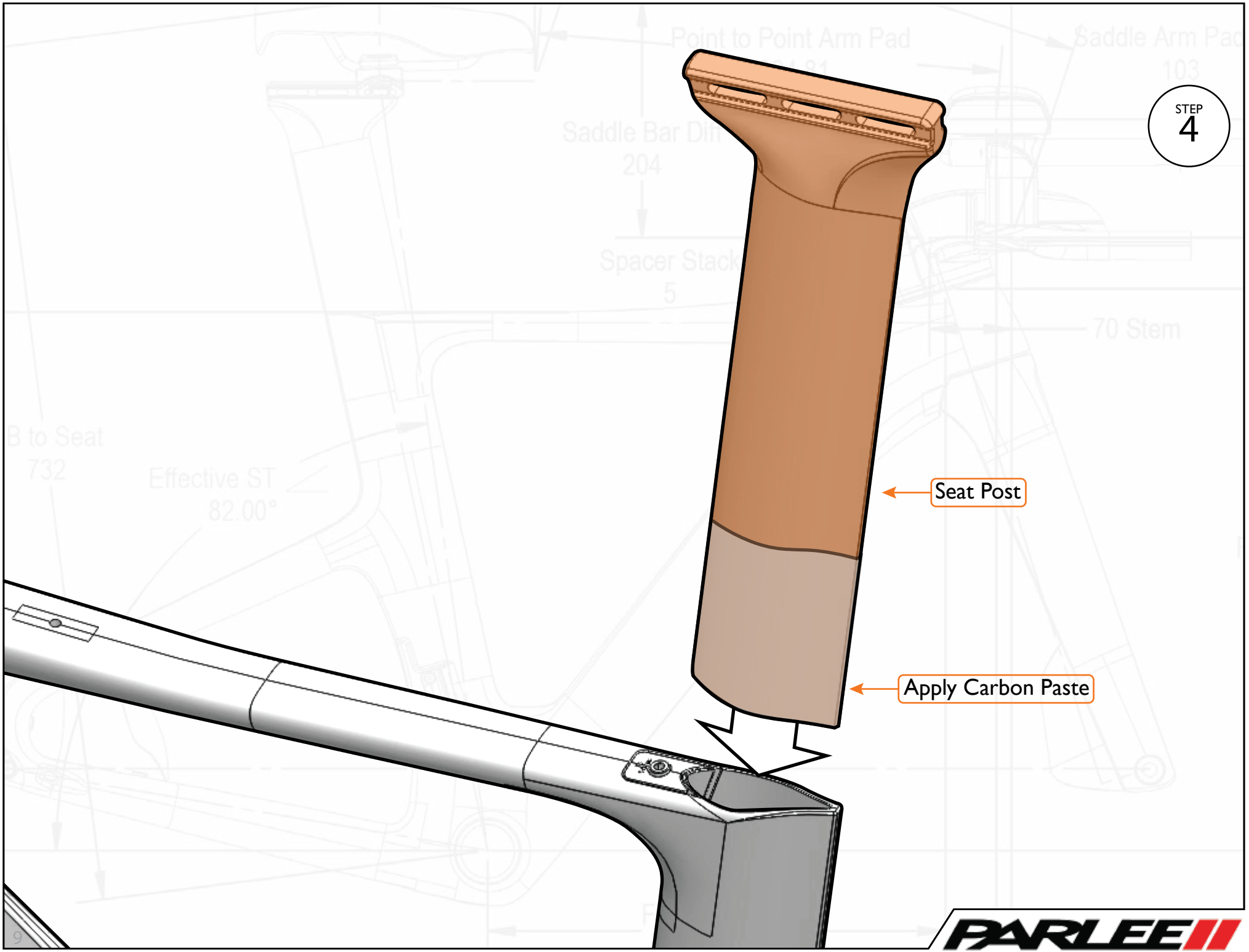



STEP
2
Insert battery electronic wire into seattube and guide towards the bottom bracket.
Tape
Battery
Foam Padding
Battery Box Electronic Wiring
PARLEE



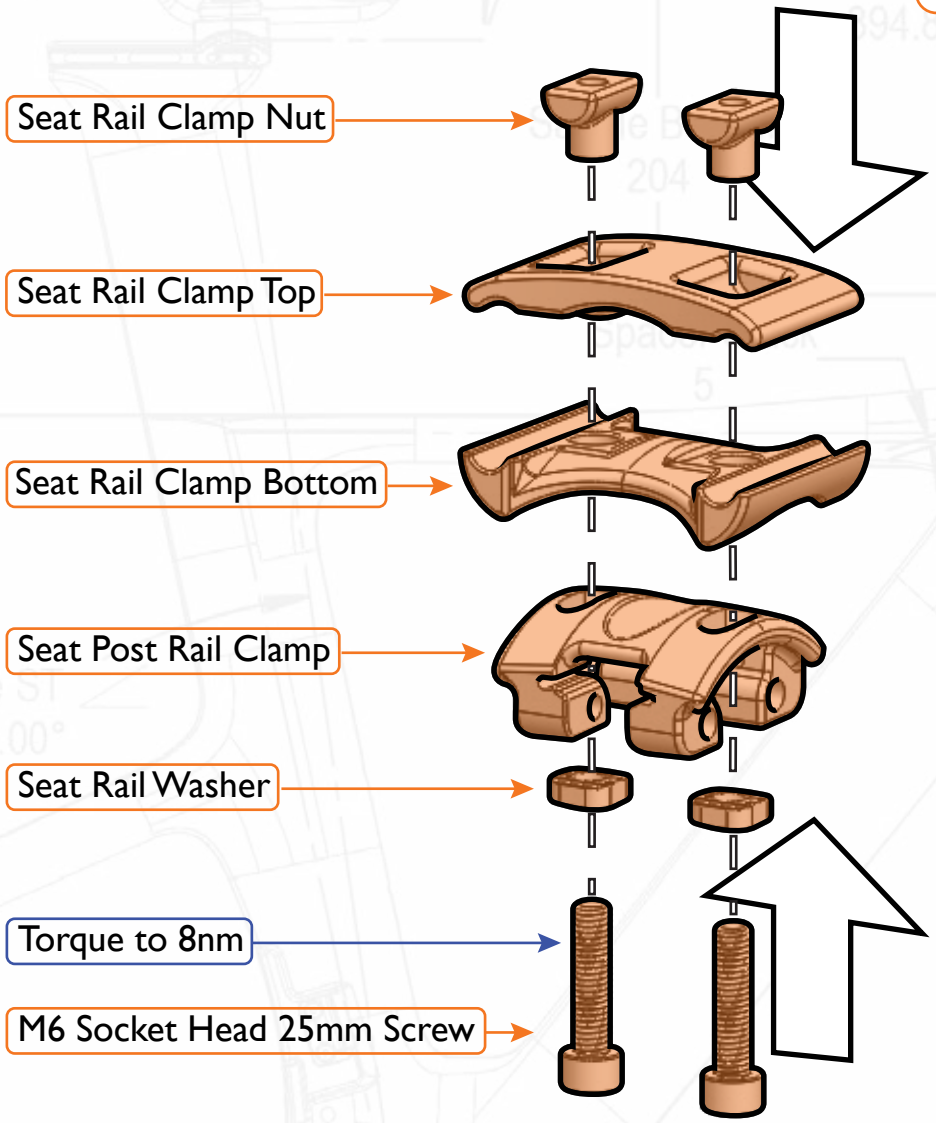
STEP 3

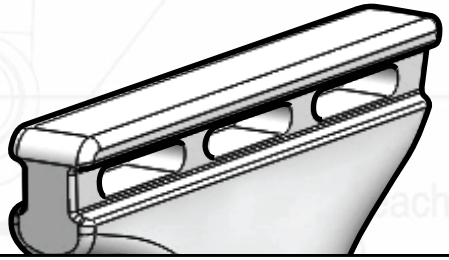
Wrap battery in foam padding and insert into seatpost ensuring a snug fit.


STEP
4
Seat Post
Apply Carbon Paste

Blue Loctite All Threaded Surfaces.

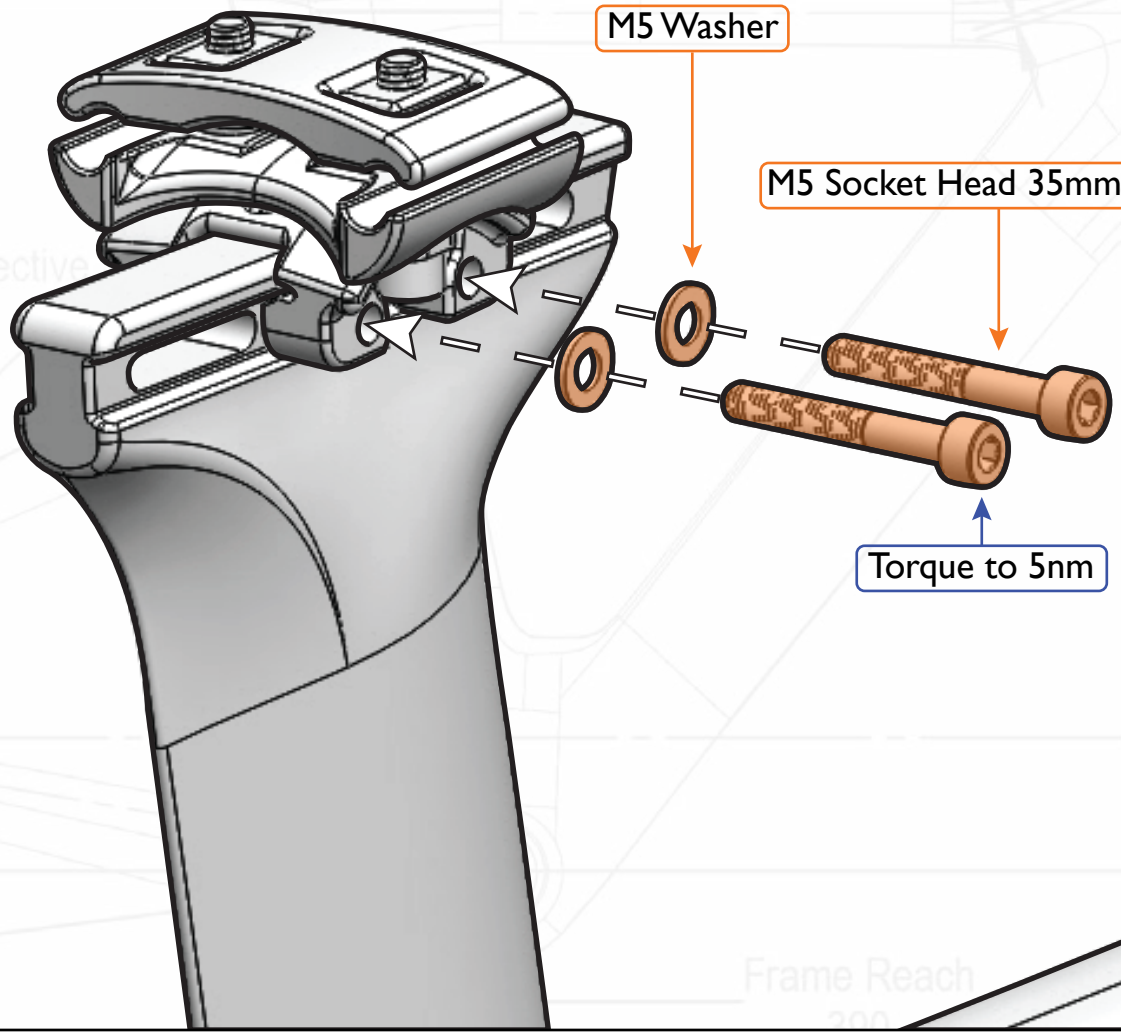
STEP 5

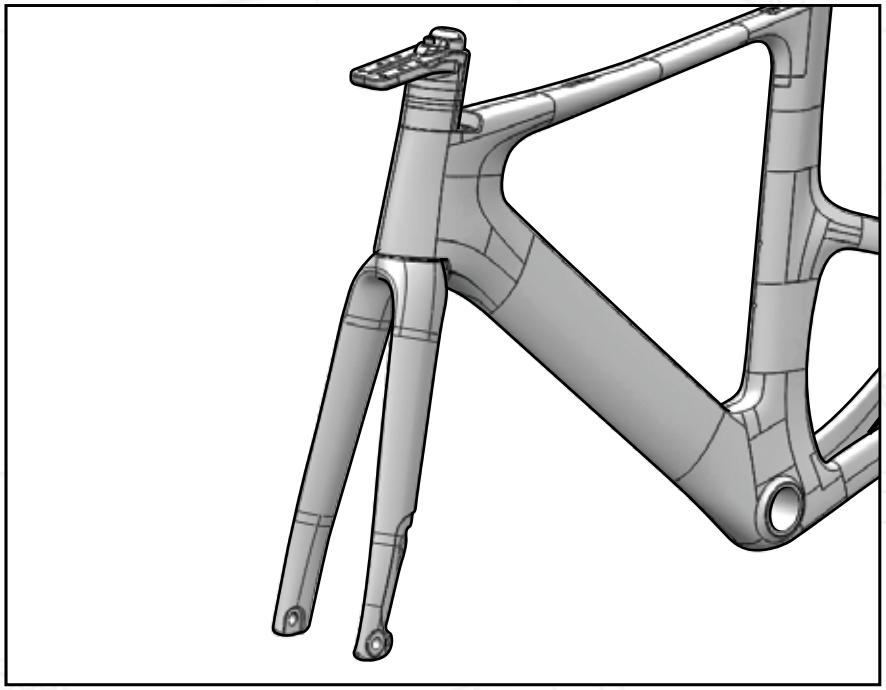




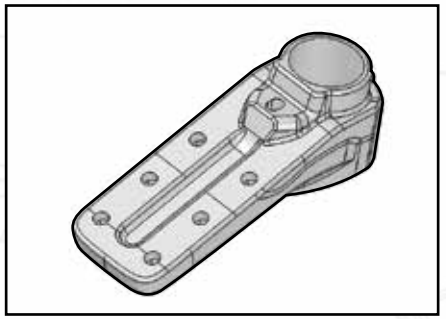
Grease All Threaded Surfaces.

STEP 6



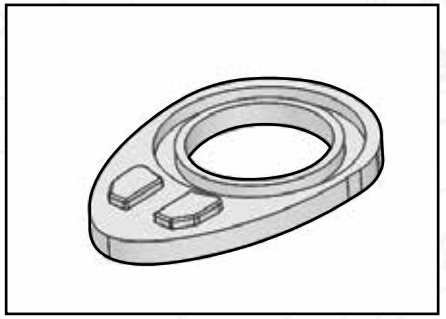


Frame Set Assembly Part 1



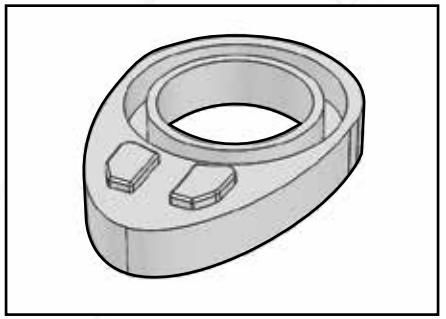
Stem

x1



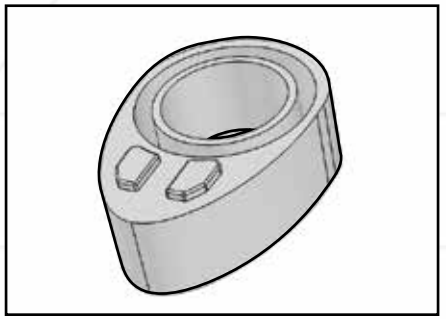
Stem Spacer 5mm

x2



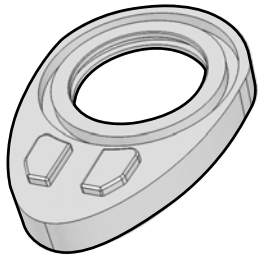
Stem Spacer 10mm

x1



Stem Spacer 20mm

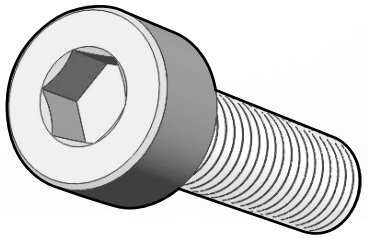
x1



Top Cap

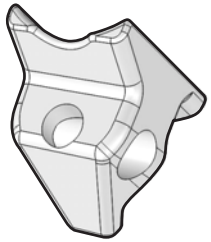
x1

Top Cap For Headset



M5 Socket Head 18mm Screw

x1 - Red Loctite

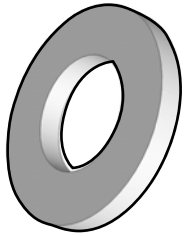


Stem Clamp Follower

x1

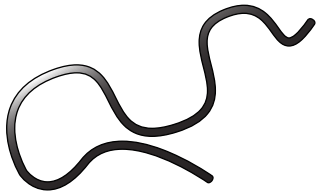
Compression Plug Assembly

x1 - Greased Inside



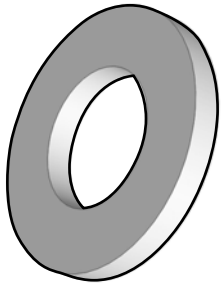
M5 Washer

x1



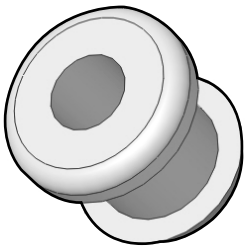
Foam Silencer Tubing

x3



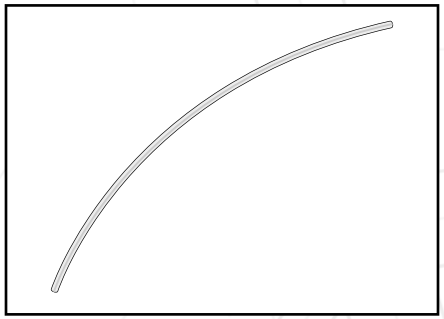
#10 Washer

x1



Head Tube Cable Grommet

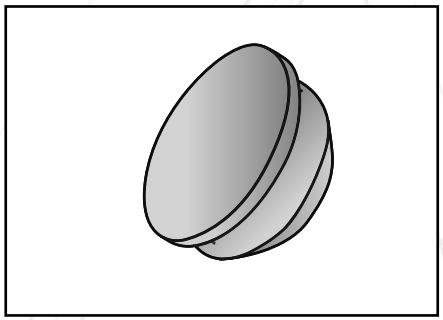
x3



Teflon Tubing

x1

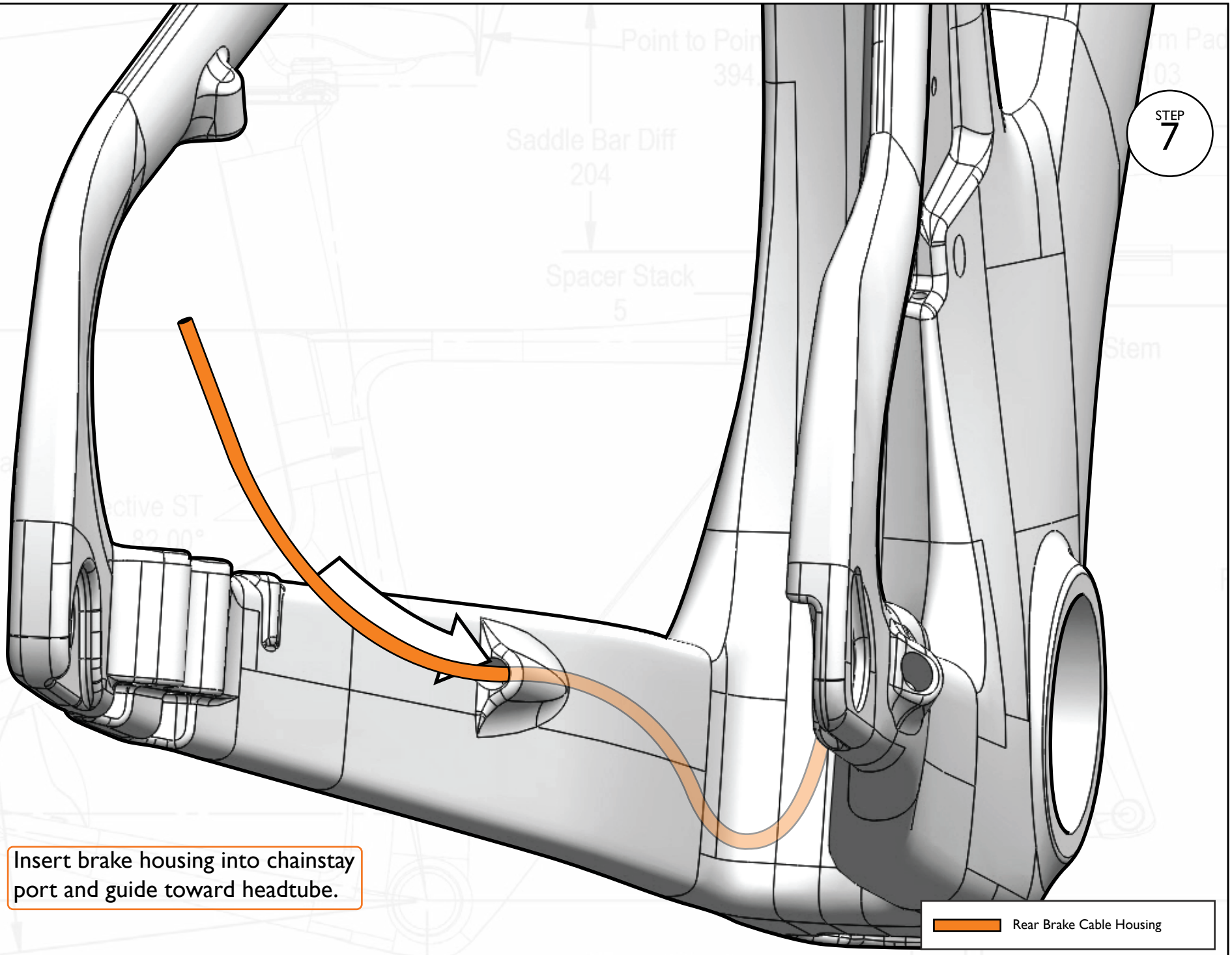
For Mechanical Front Derailer



Blind Grommet

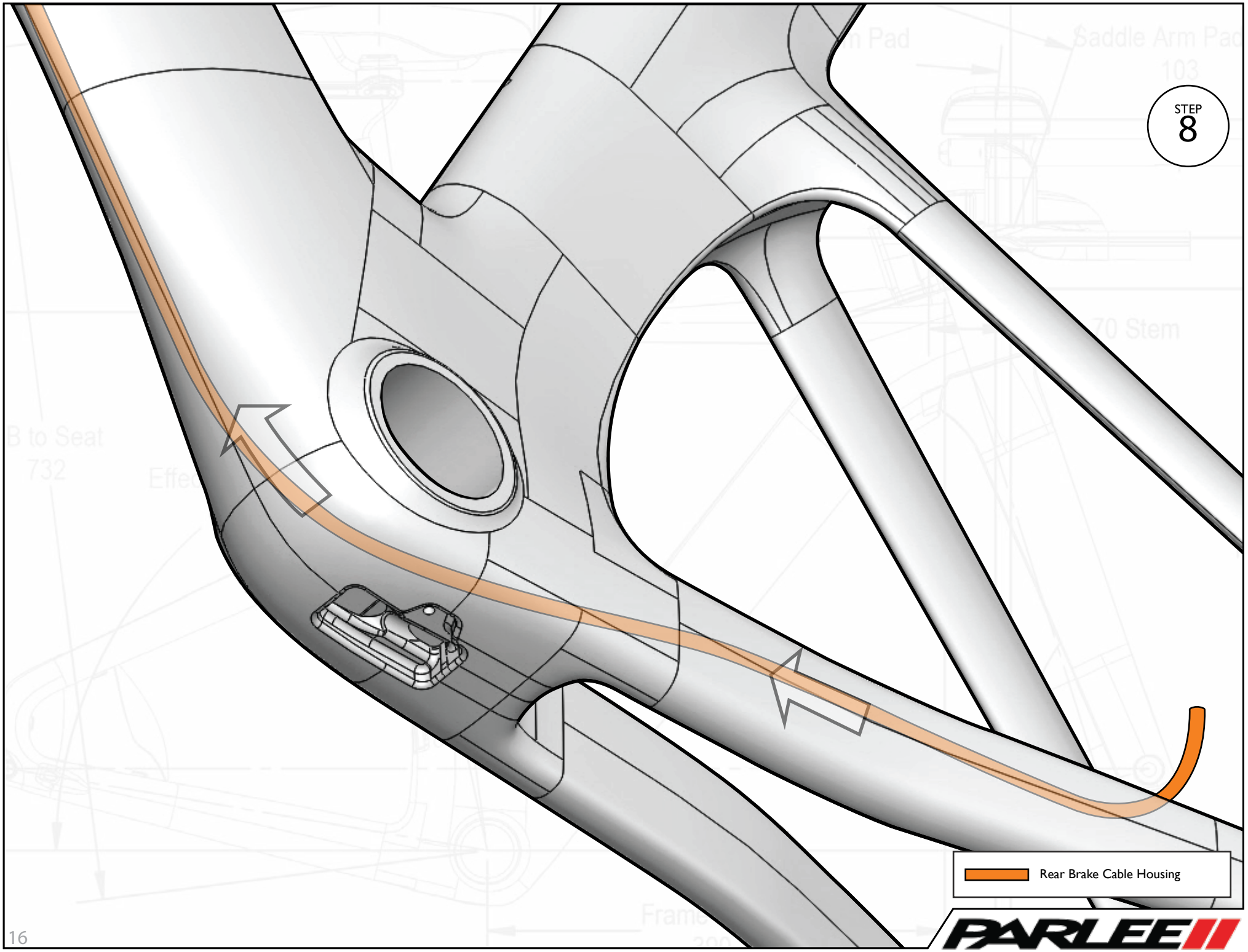
x4

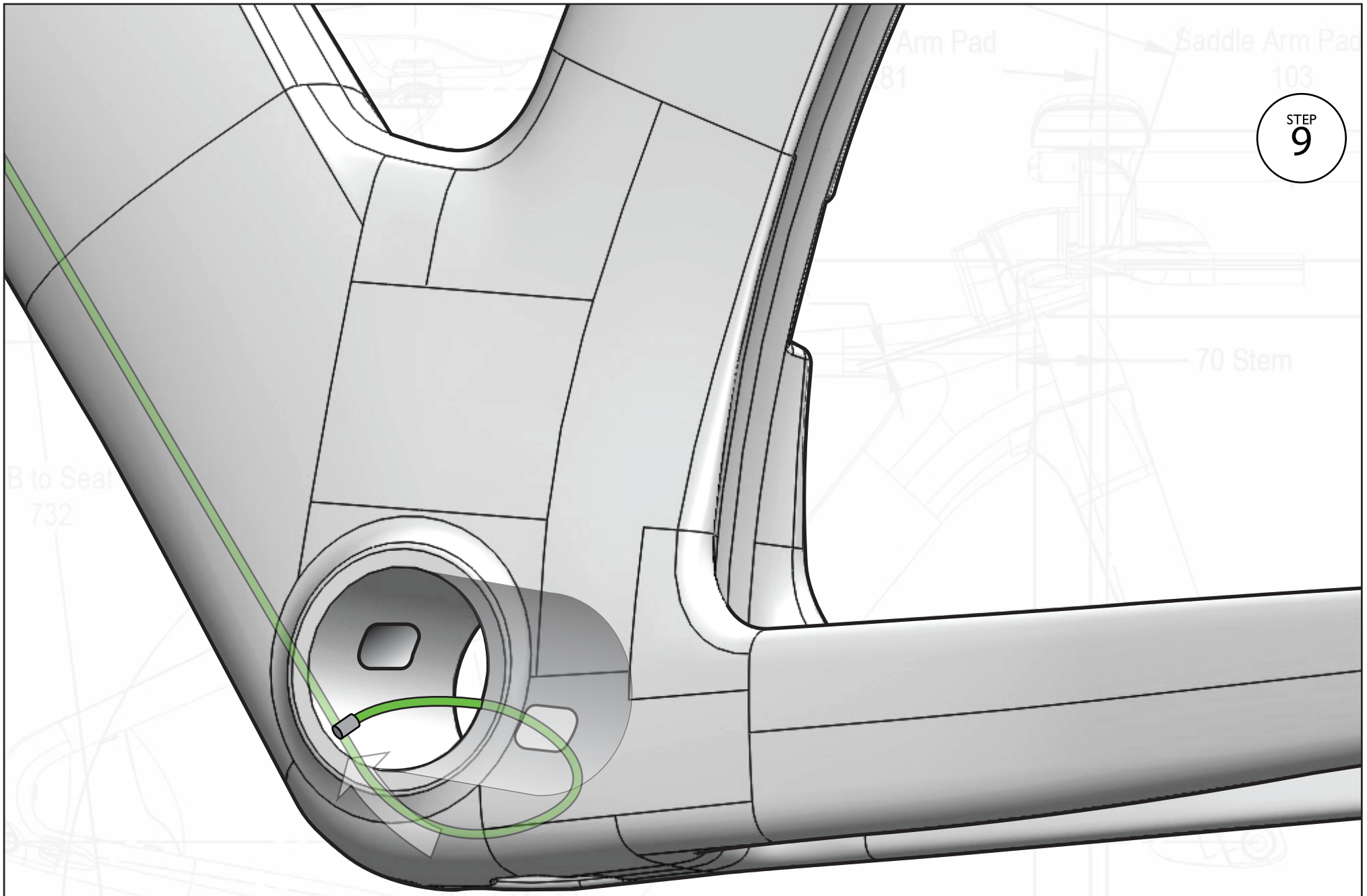
STEP 7



Insert brake housing into chainstay port and guide toward headtube.

Rear Brake Cable Housing

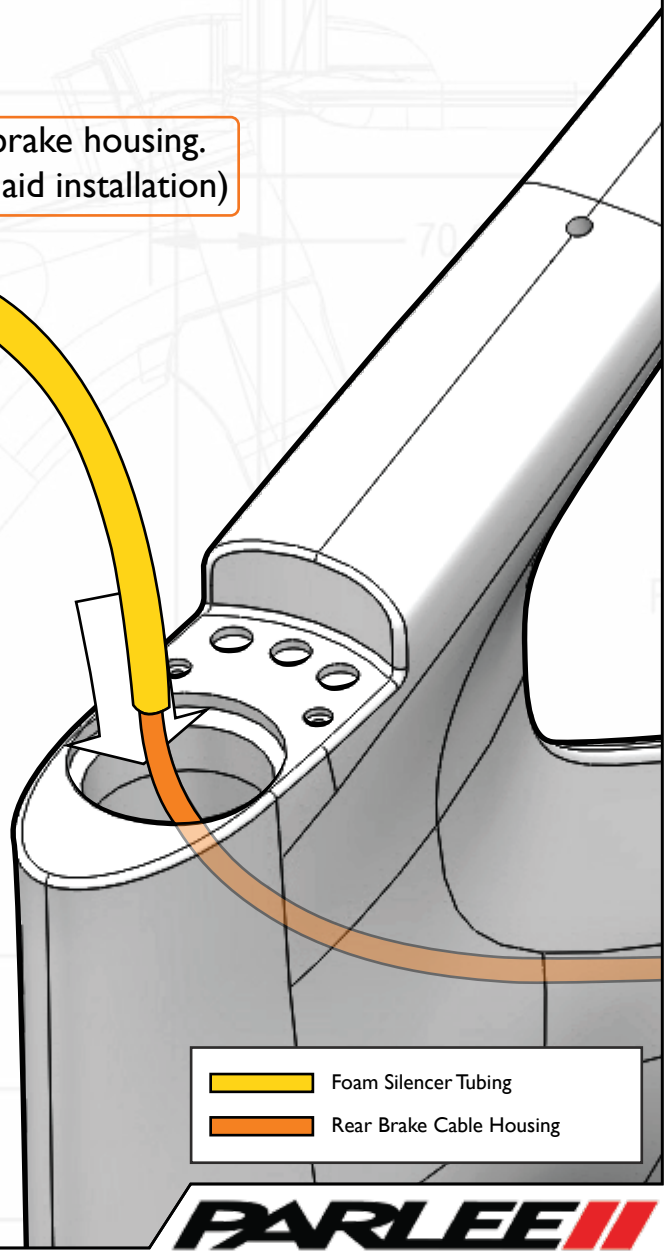

STEP
8
Rear Brake Cable Housing


STEP
9
Insert electronic wire into the bottom bracket rear inside port and guide towards the headtube.
Downtube Electronic Wiring

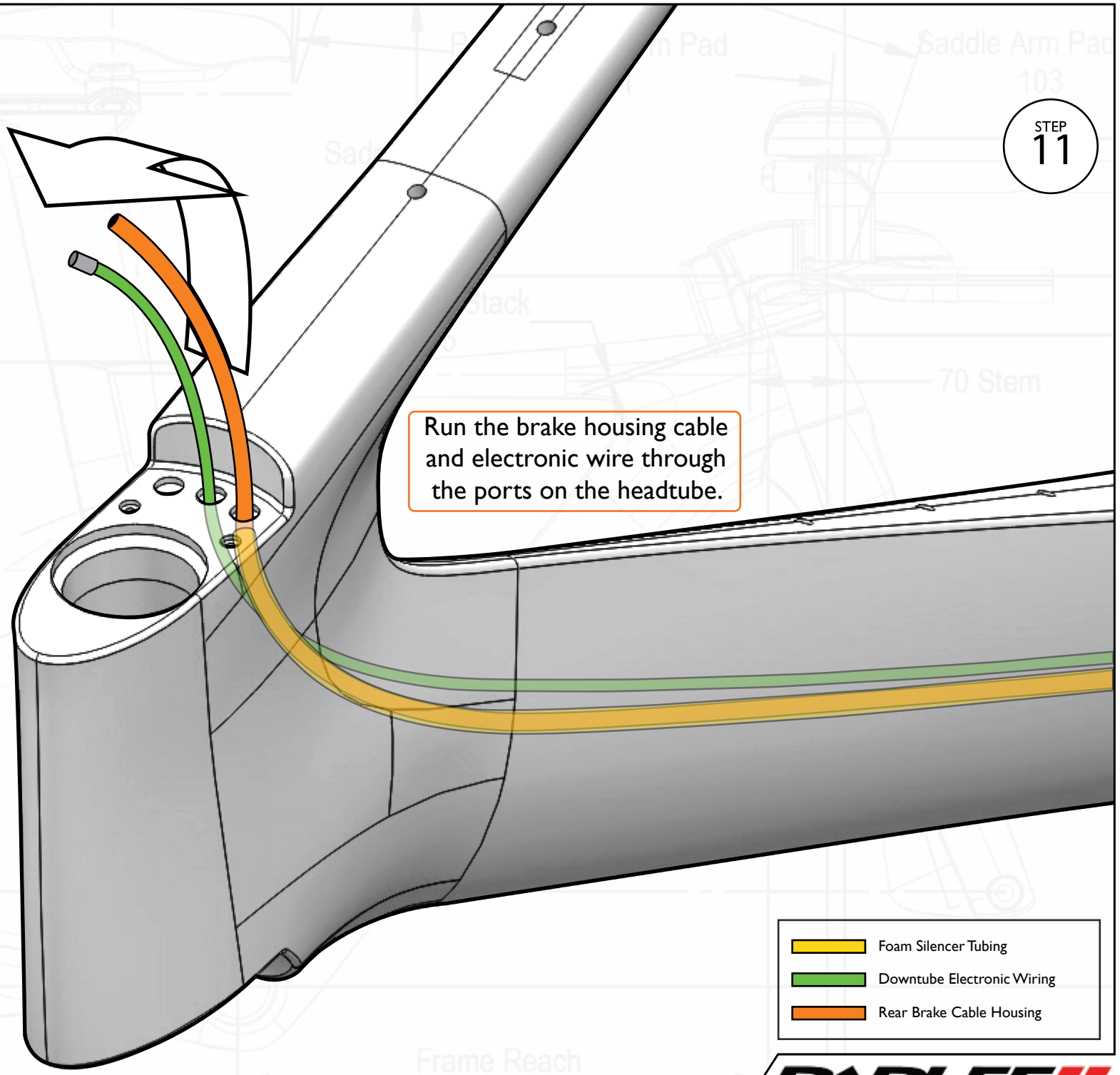
STEP 10

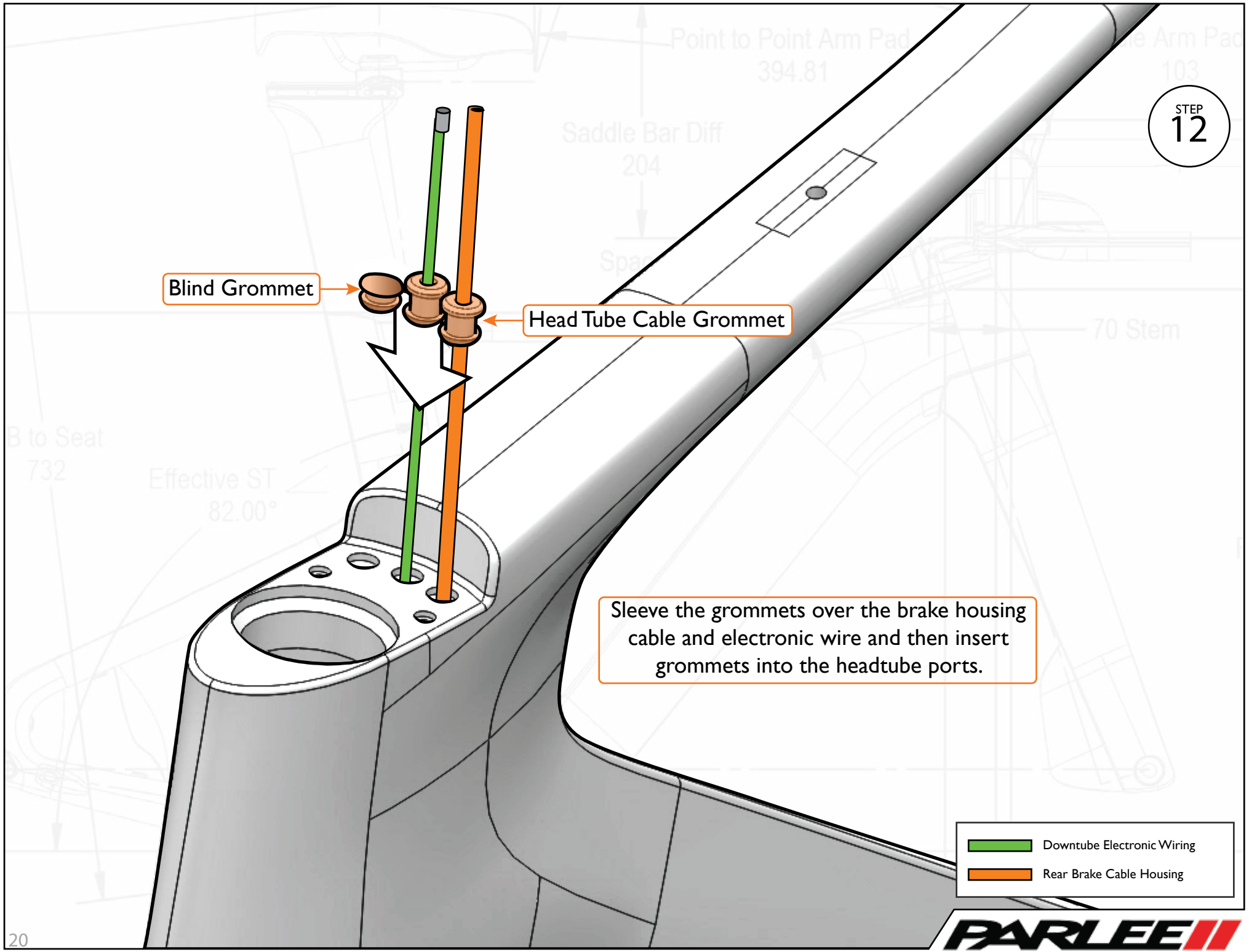
Sleeve foam silencer tubing over brake housing.
(use a small amount of lubricant to aid installation)

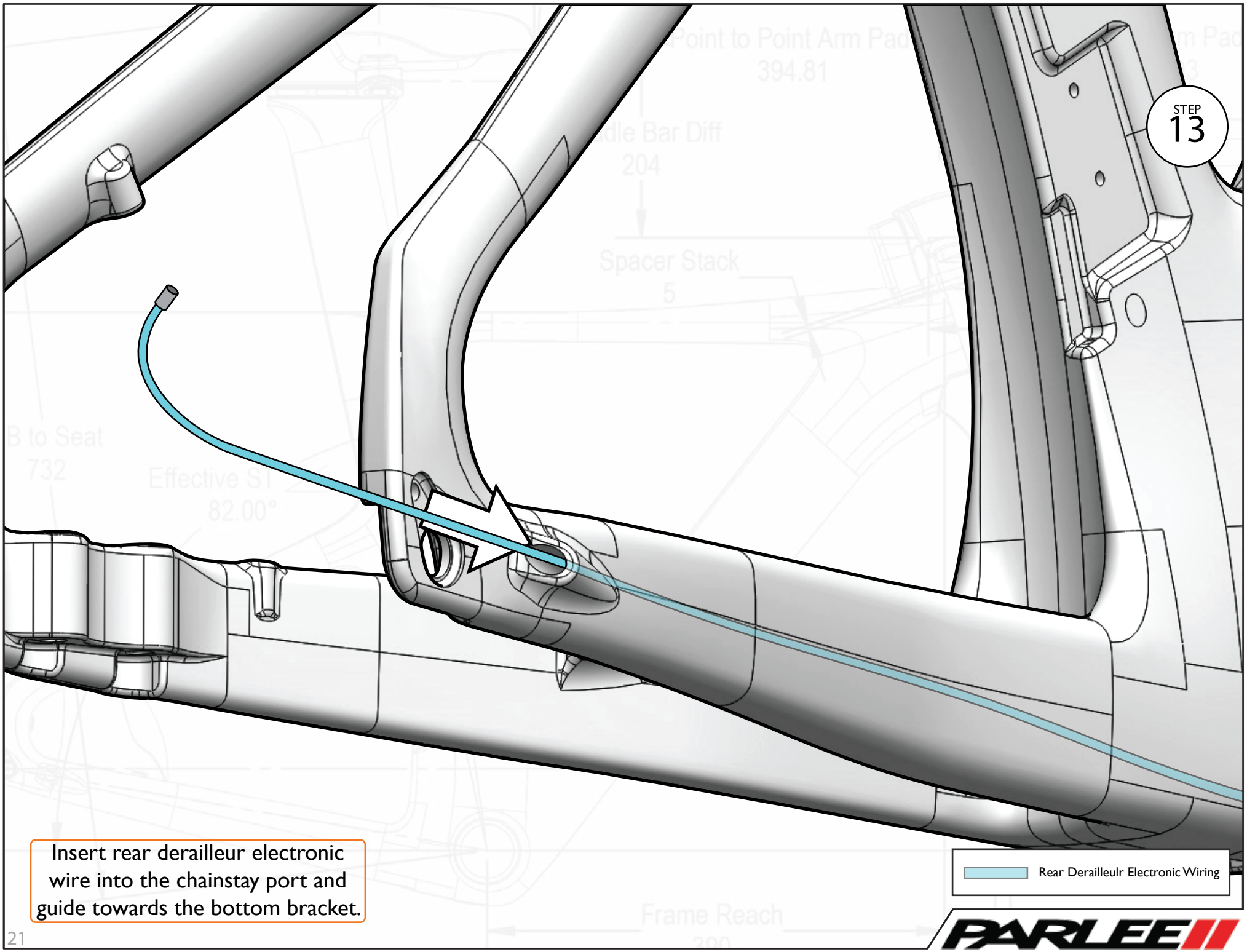
Foam Silencer Tubing



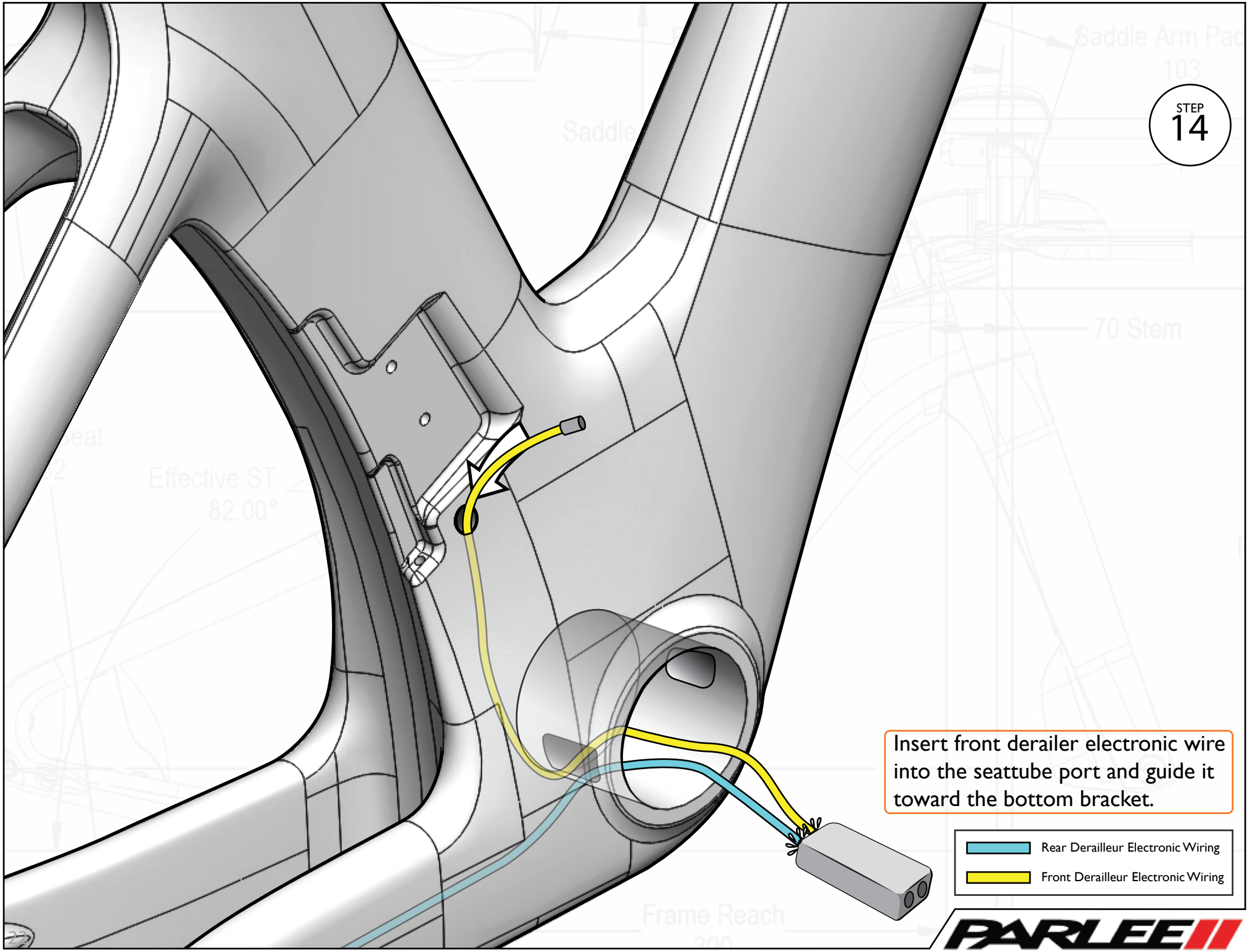
STEP 11

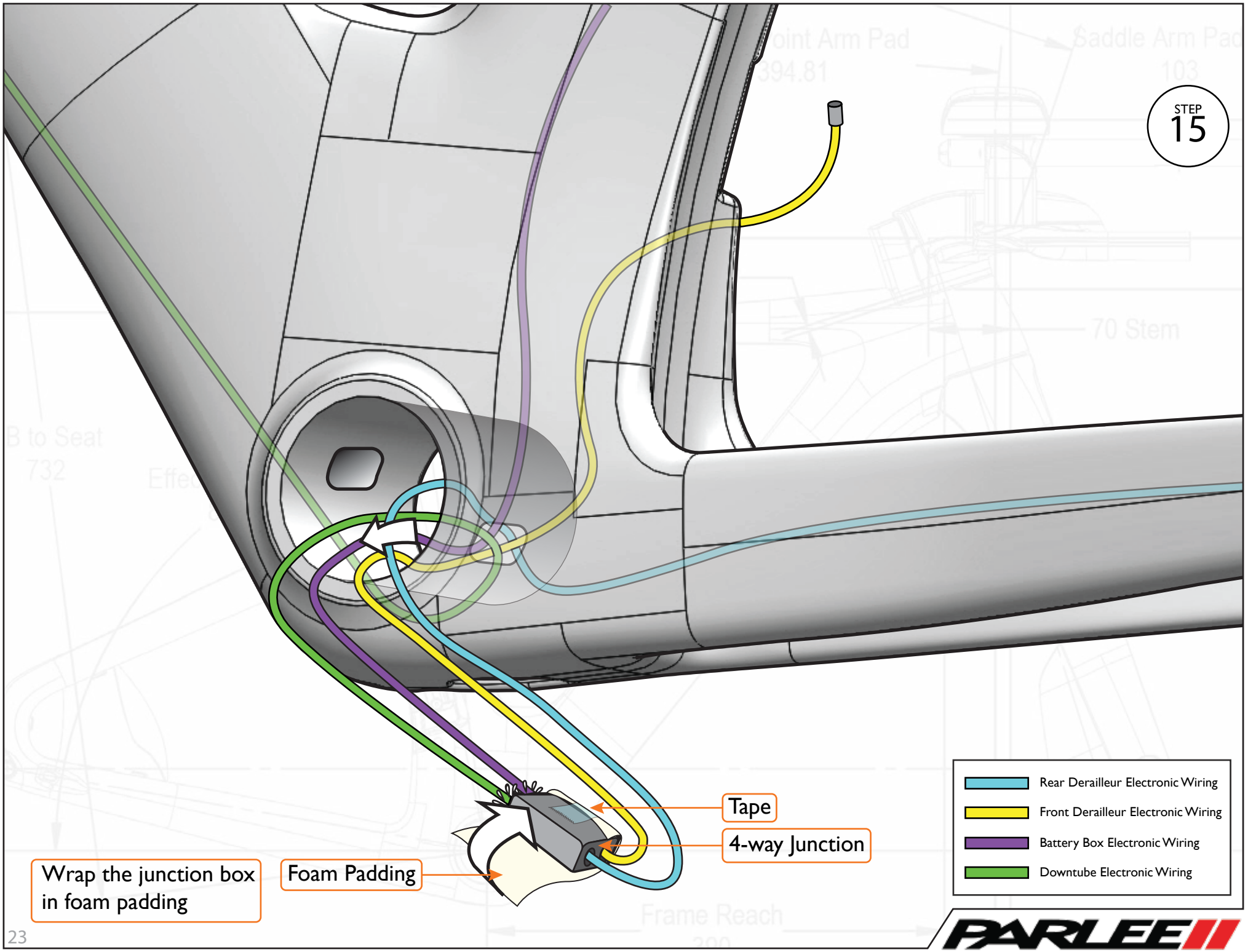

Run the brake housing cable and electronic wire through the ports on the headtube.
Foam Silencer Tubing
Downtube Electronic Wiring
Rear Brake Cable Housing

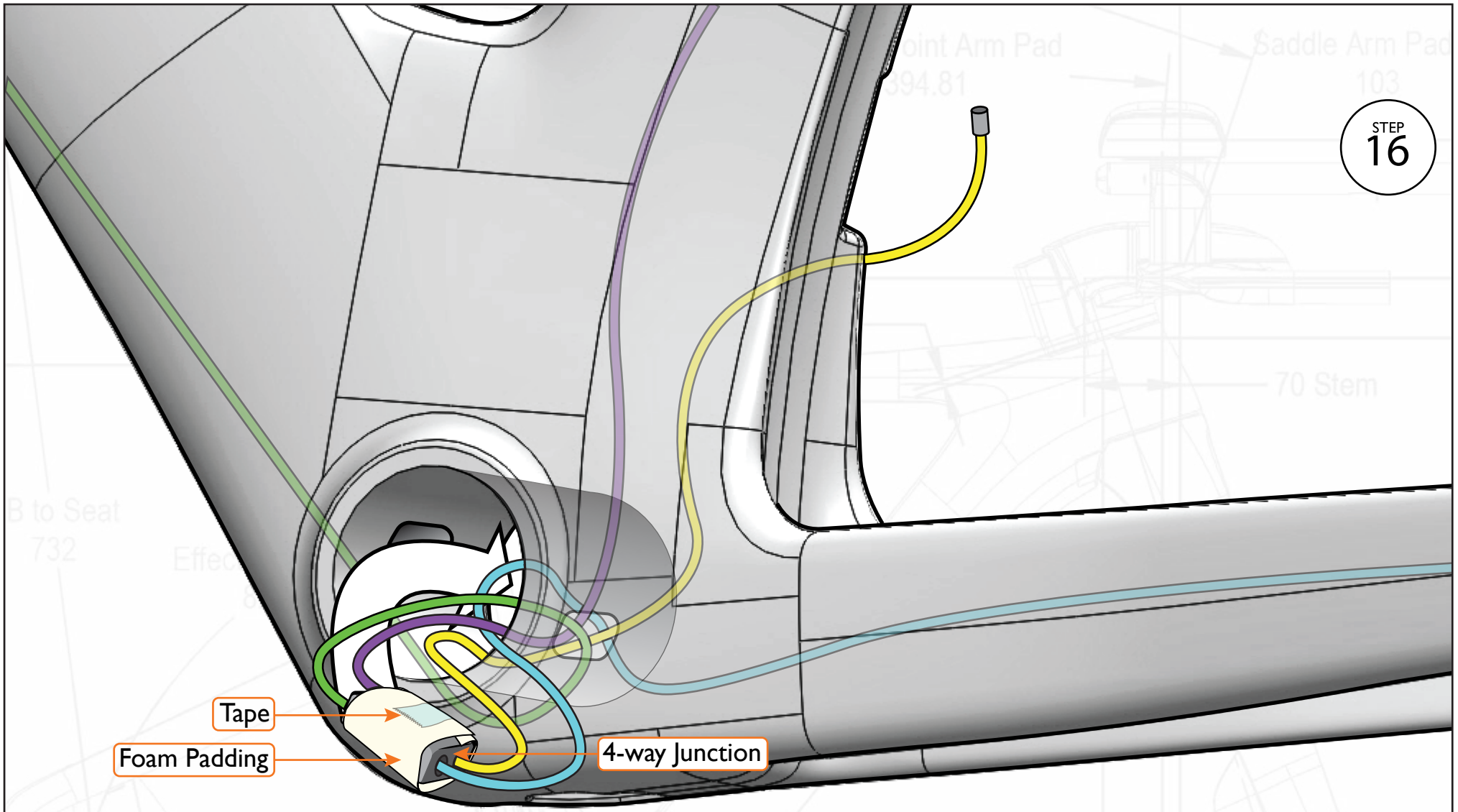

STEP
12
Blind Grommet
Head Tube Cable Grommet
Sleeve the grommets over the brake housing cable and electronic wire and then insert grommets into the headtube ports.
Downtube Electronic Wiring
Rear Brake Cable Housing



Insert rear derailleur electronic wire into the chainstay port and guide towards the bottom bracket.

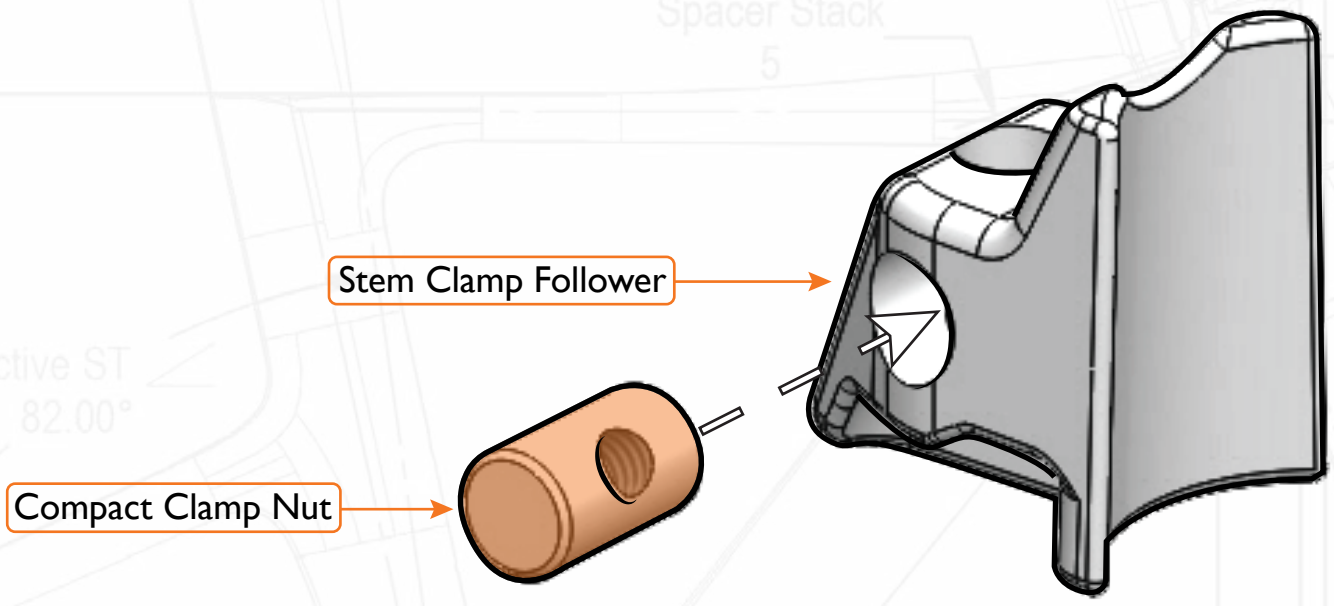

STEP
14
Insert front derailer electronic wire into the seattube port and guide it toward the bottom bracket.
Rear Derailleur Electronic Wiring
Front Derailleur Electronic Wiring
PARLEE


STEP
15
Tape
4-way Junction
Foam Padding
Wrap the junction box in foam padding
Rear Derailleur Electronic Wiring
Front Derailleur Electronic Wiring
Battery Box Electronic Wiring
Downtube Electronic Wiring



Push all wires and junction box into rear port in bottom bracket.

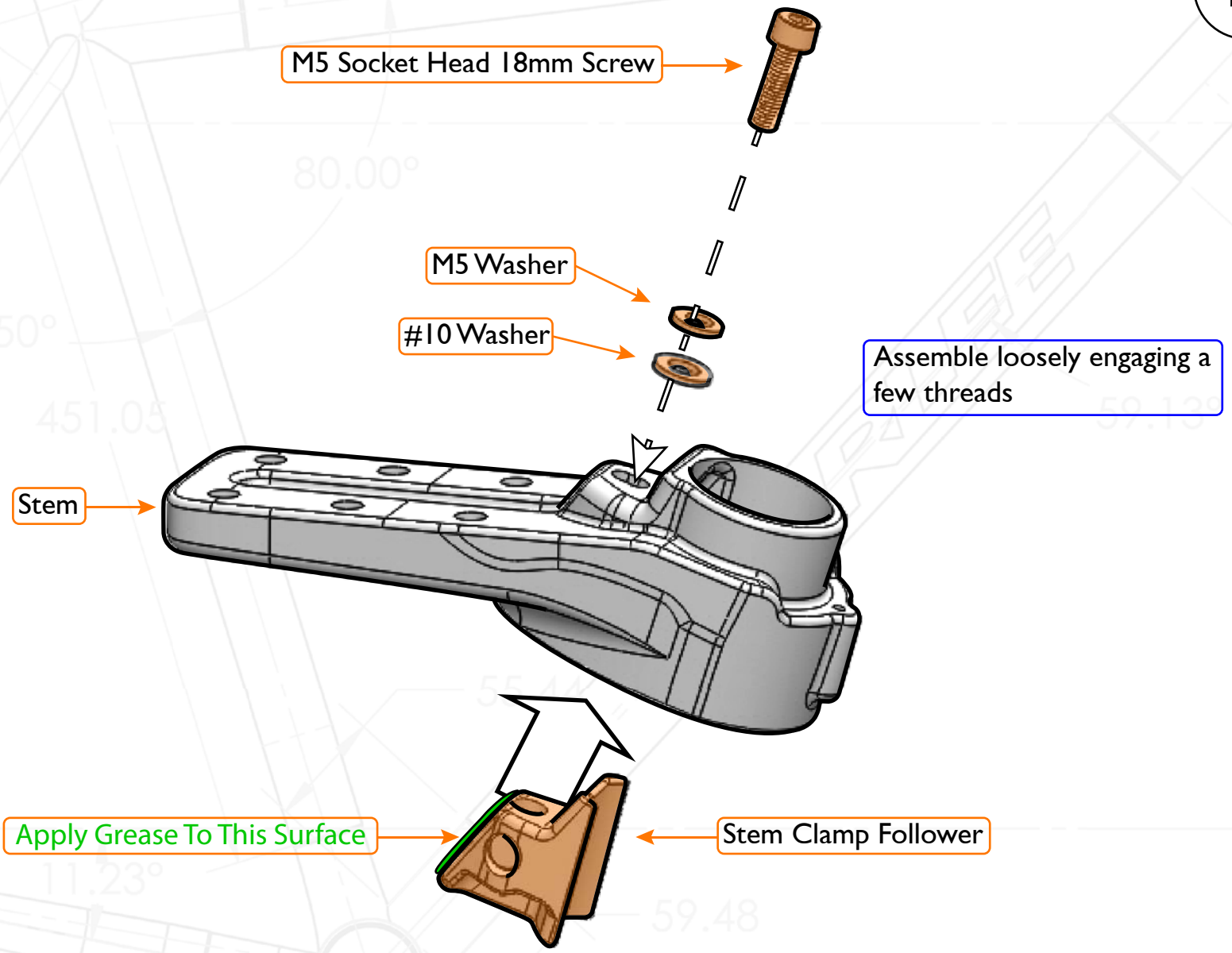
STEP 17



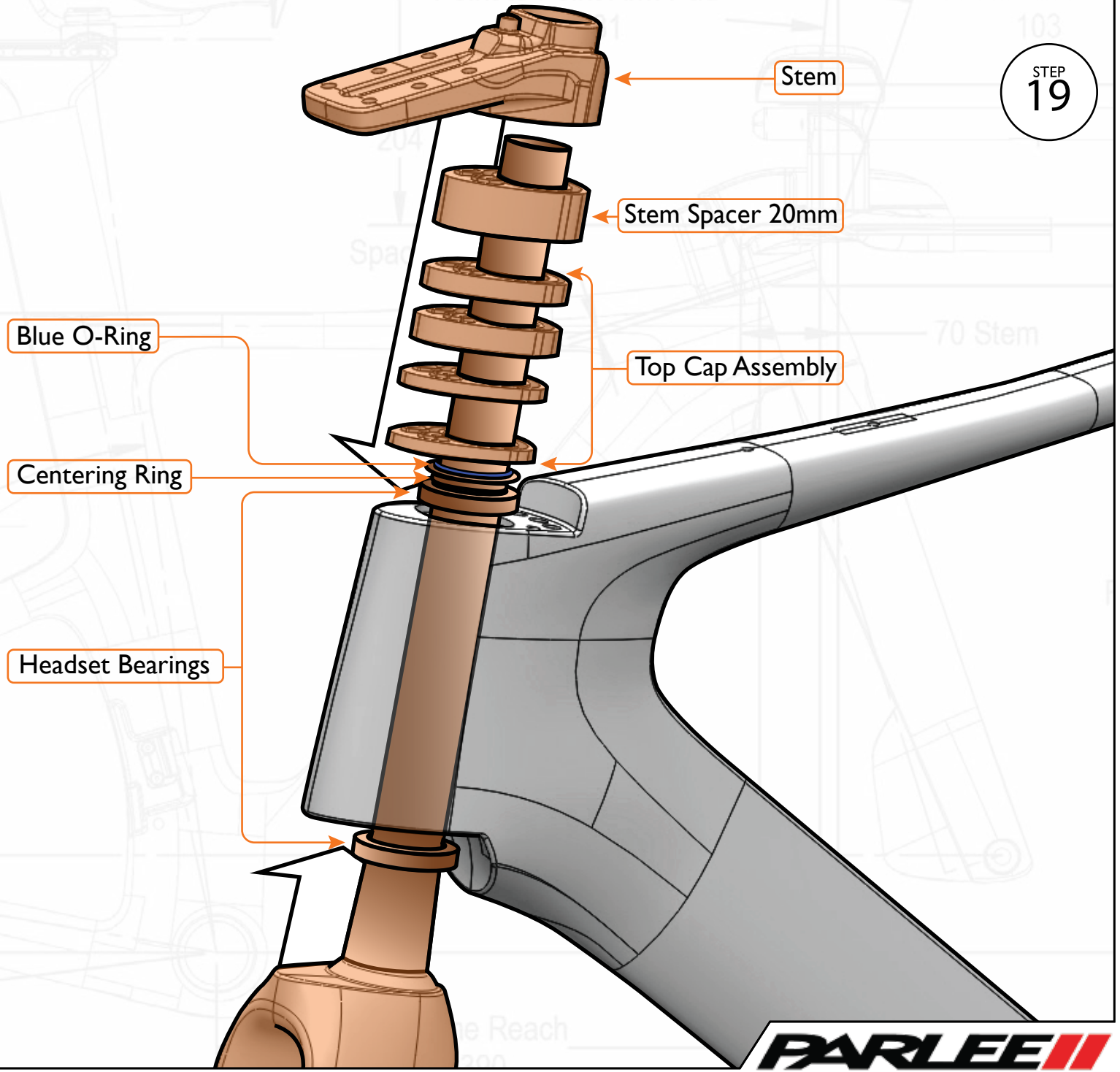
Assemble stem clamp follower.

Blue Loctite All Threaded Surfaces.

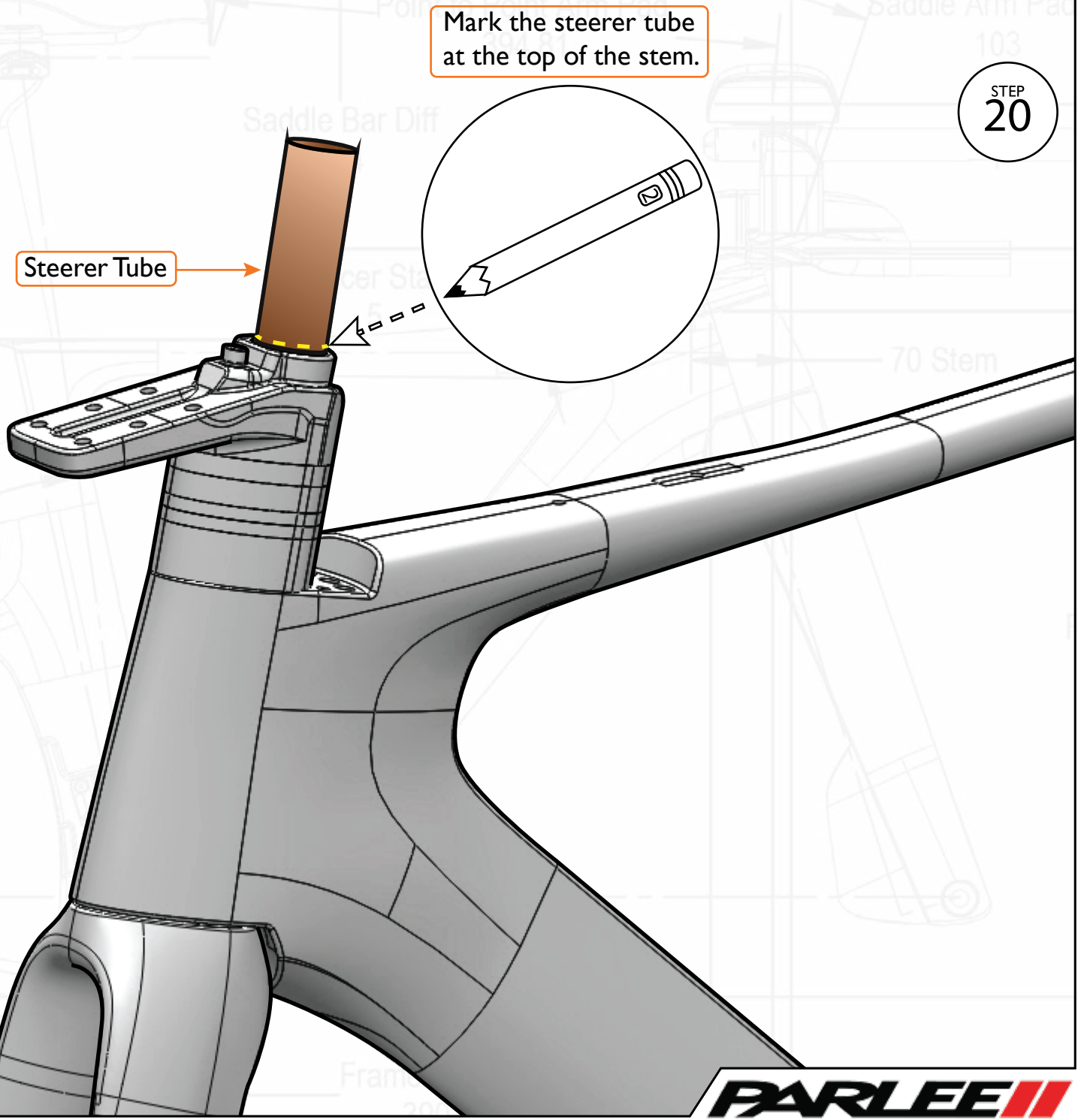
STEP 18



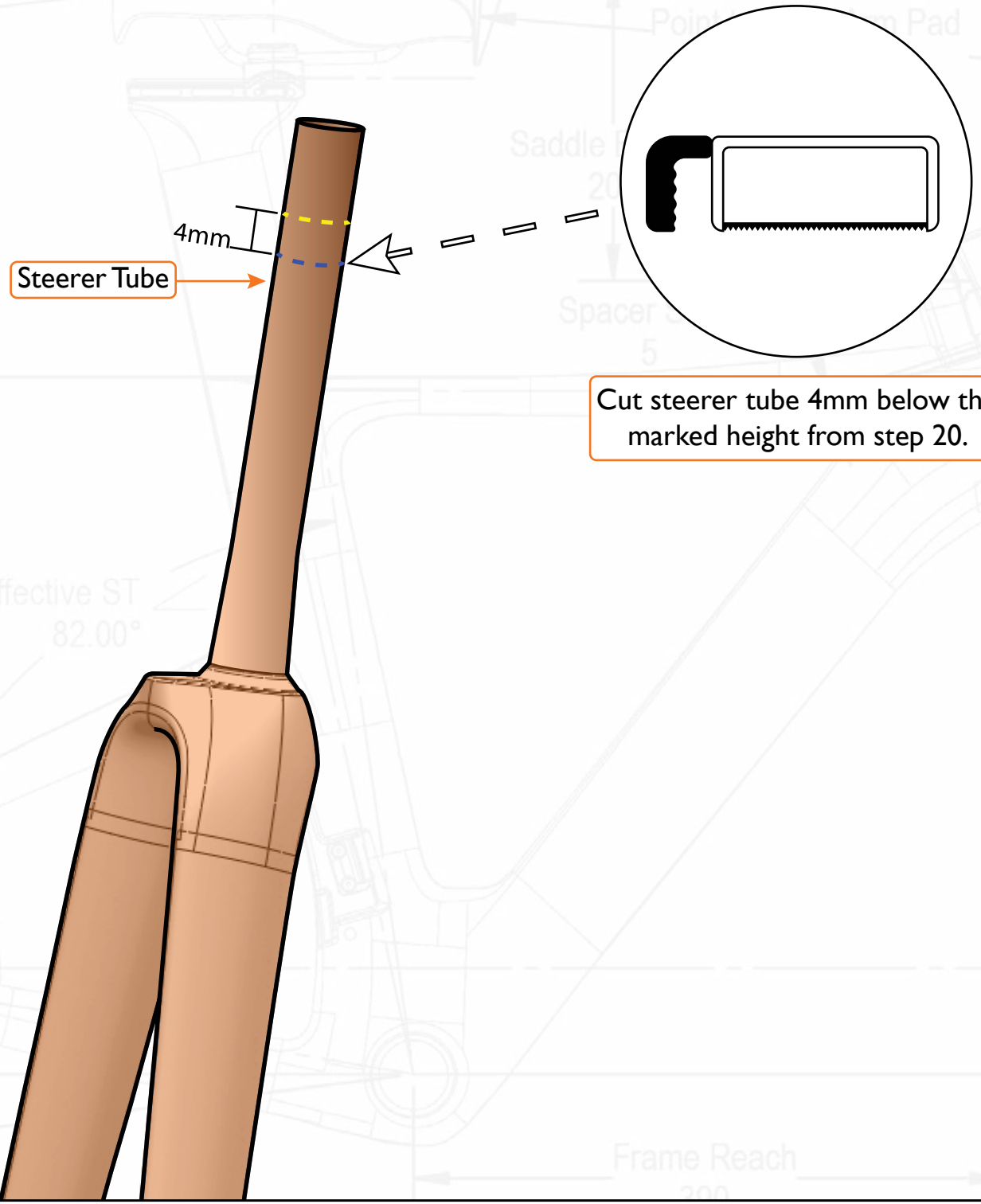
STEP 19


Stem
Stem Spacer 20mm
Top Cap Assembly
Blue O-Ring
Centering Ring
Headset Bearings

STEP 20

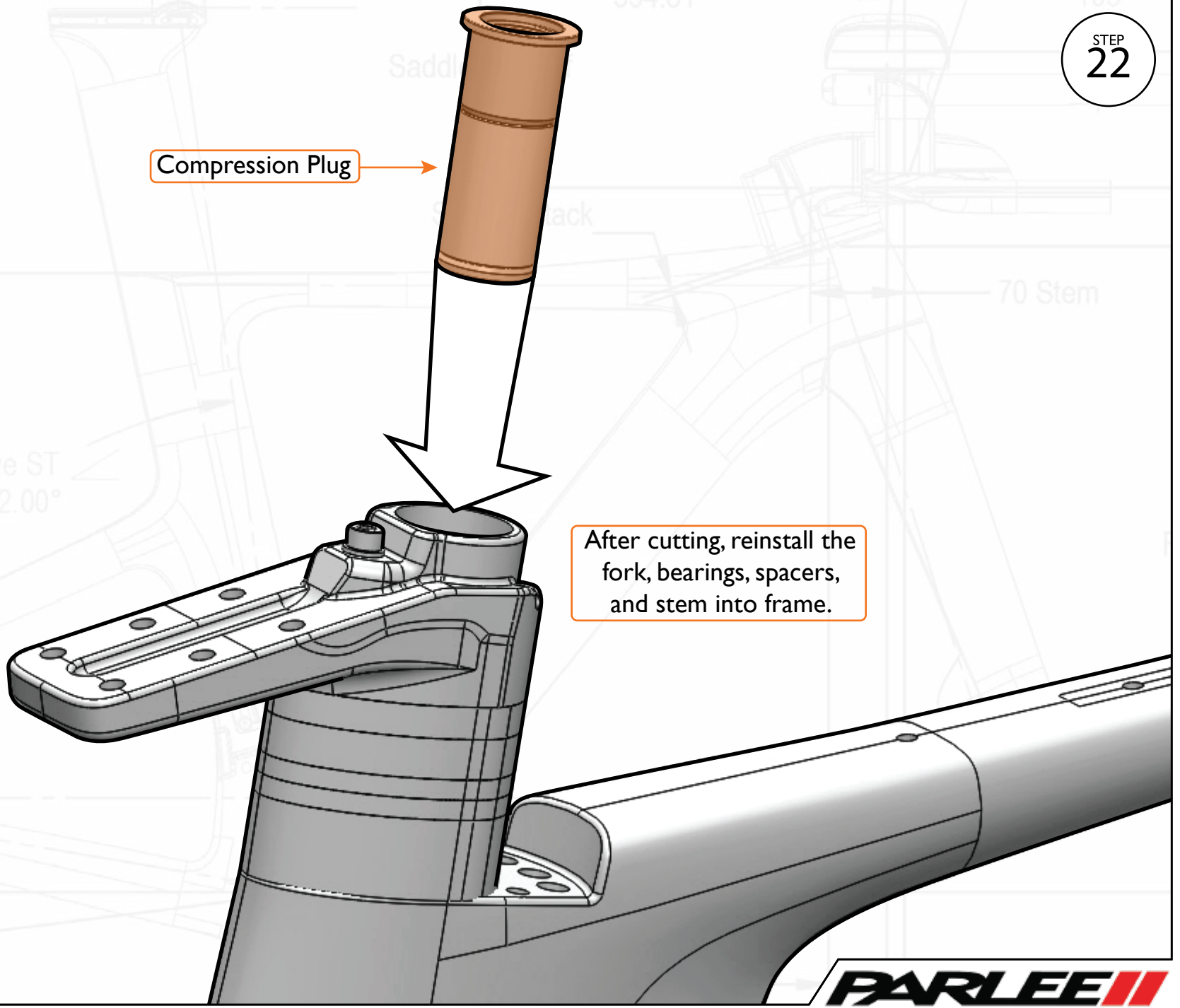


STEP 21



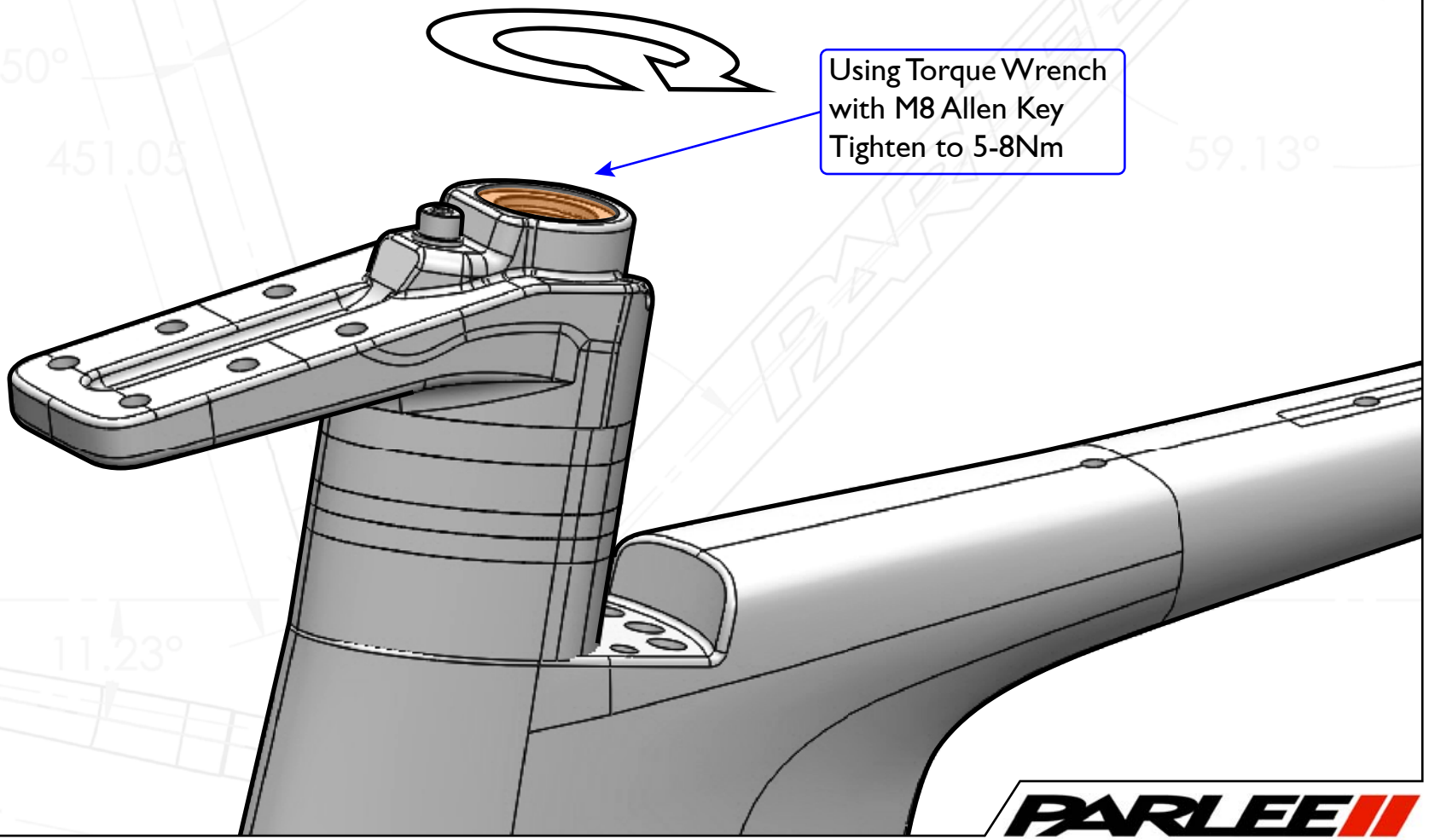
Cut steerer tube 4mm below the marked height from step 20.

STEP 22


Compression Plug
After cutting, reinstall the fork, bearings, spacers, and stem into frame.

Proper compression of Head Set assembly is important for wedge to seat properly and achieve max holding rate

STEP 23



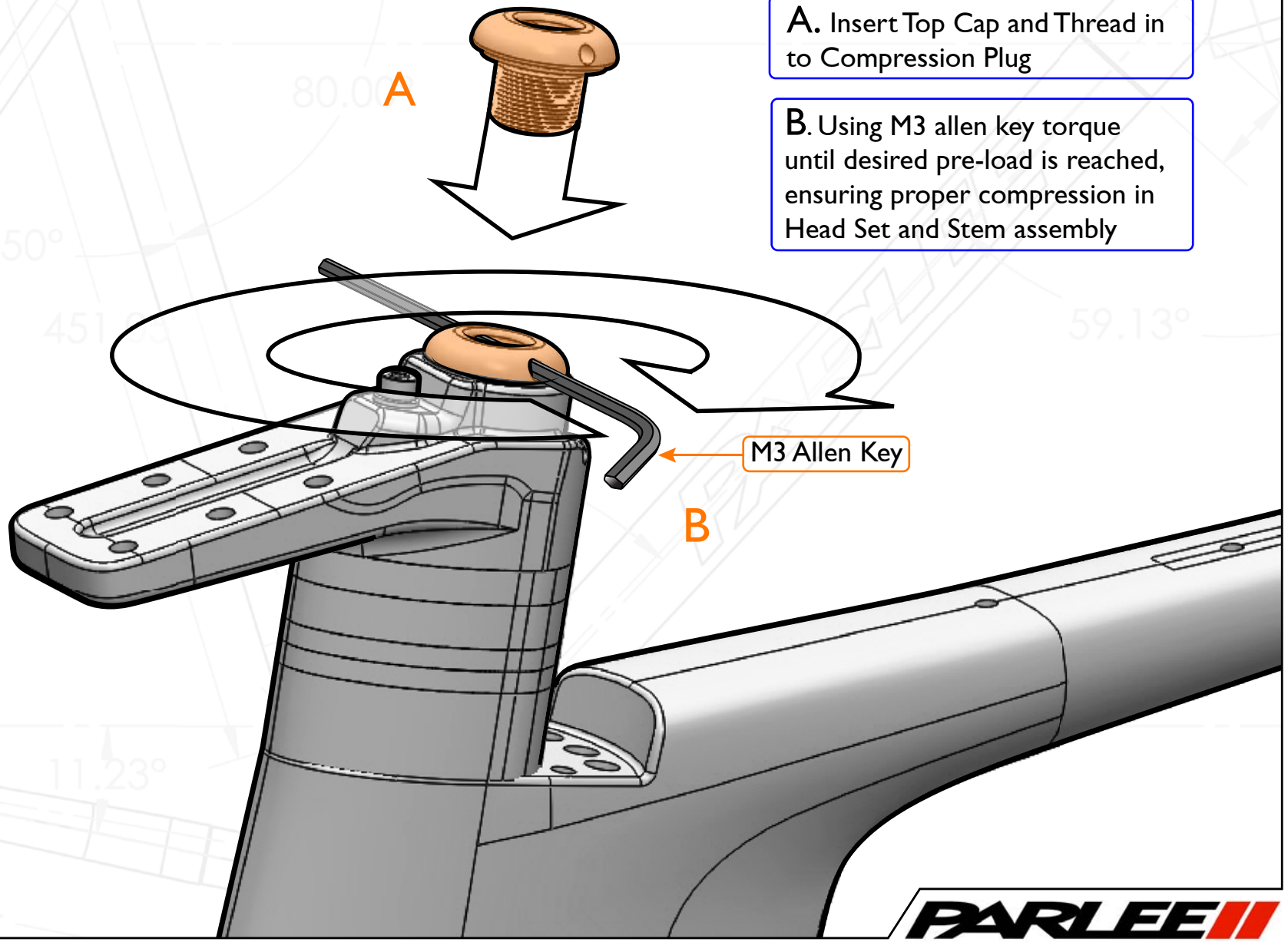
Grease All Threaded Surfaces.

STEP 24

Proper compression of Head Set assembly is important for wedge to seat properly and achieve max holding rate

A. Insert Top Cap and Thread in to Compression Plug

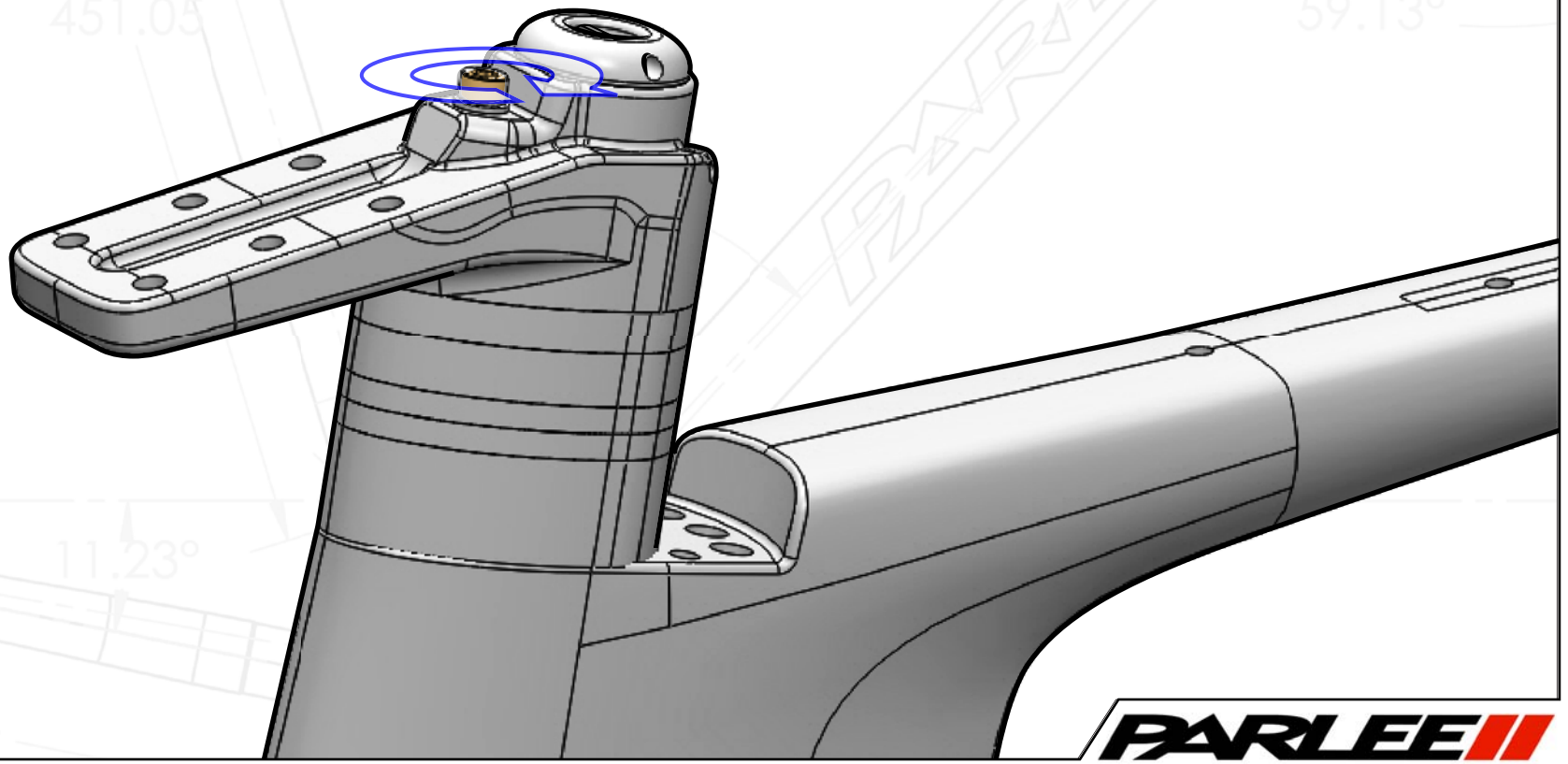
B. Using M3 allen key torque until desired pre-load is reached, ensuring proper compression in Head Set and Stem assembly



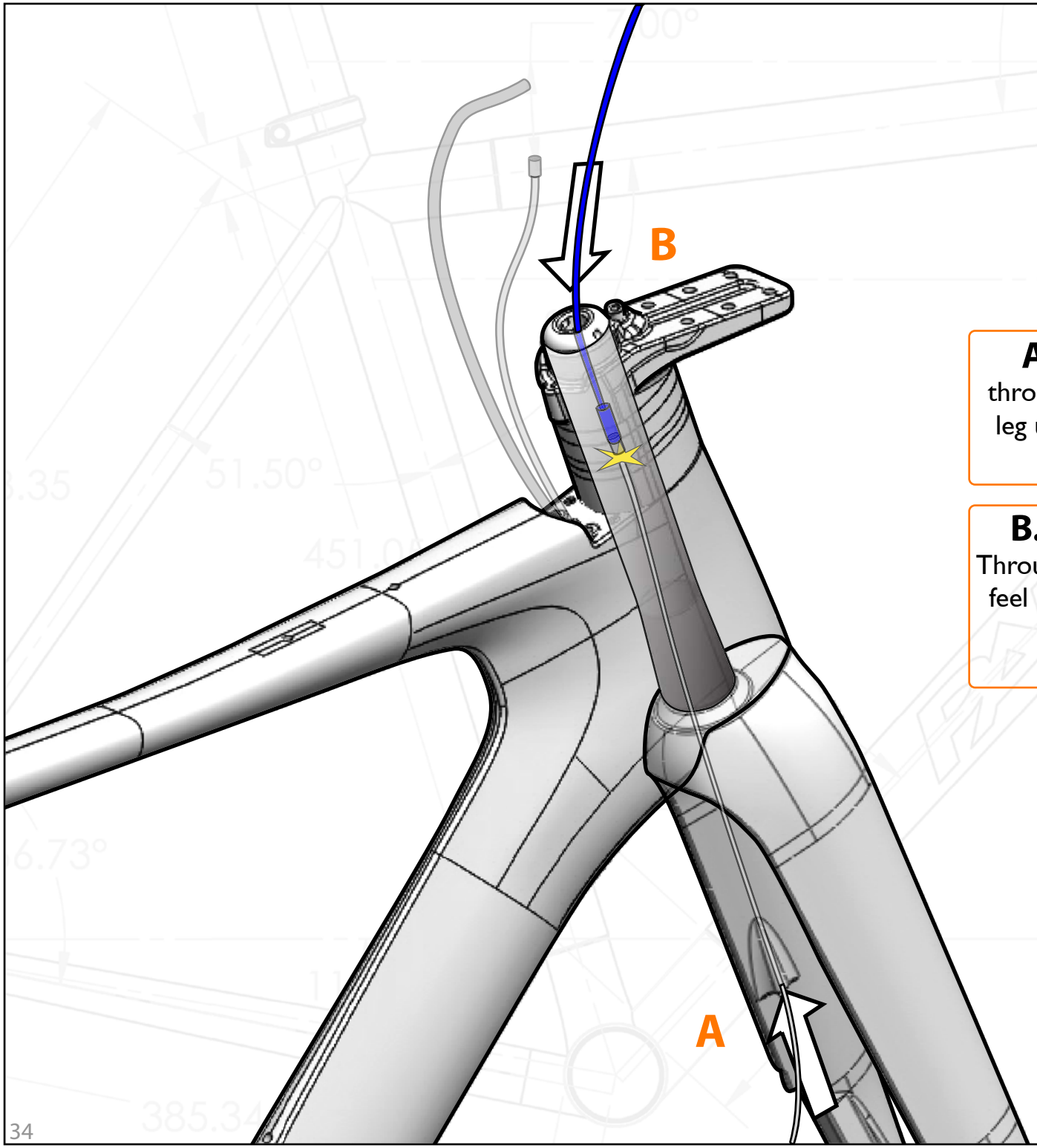
Proper compression of Head Set assembly is important for wedge to seat properly and achieve max holding rate

STEP 25

Check that you have installed both the #10 and M5 washers. Using torque wrench and M4 Allen Key, tighten Wedge bolt to 8-9 Nm



STEP 26

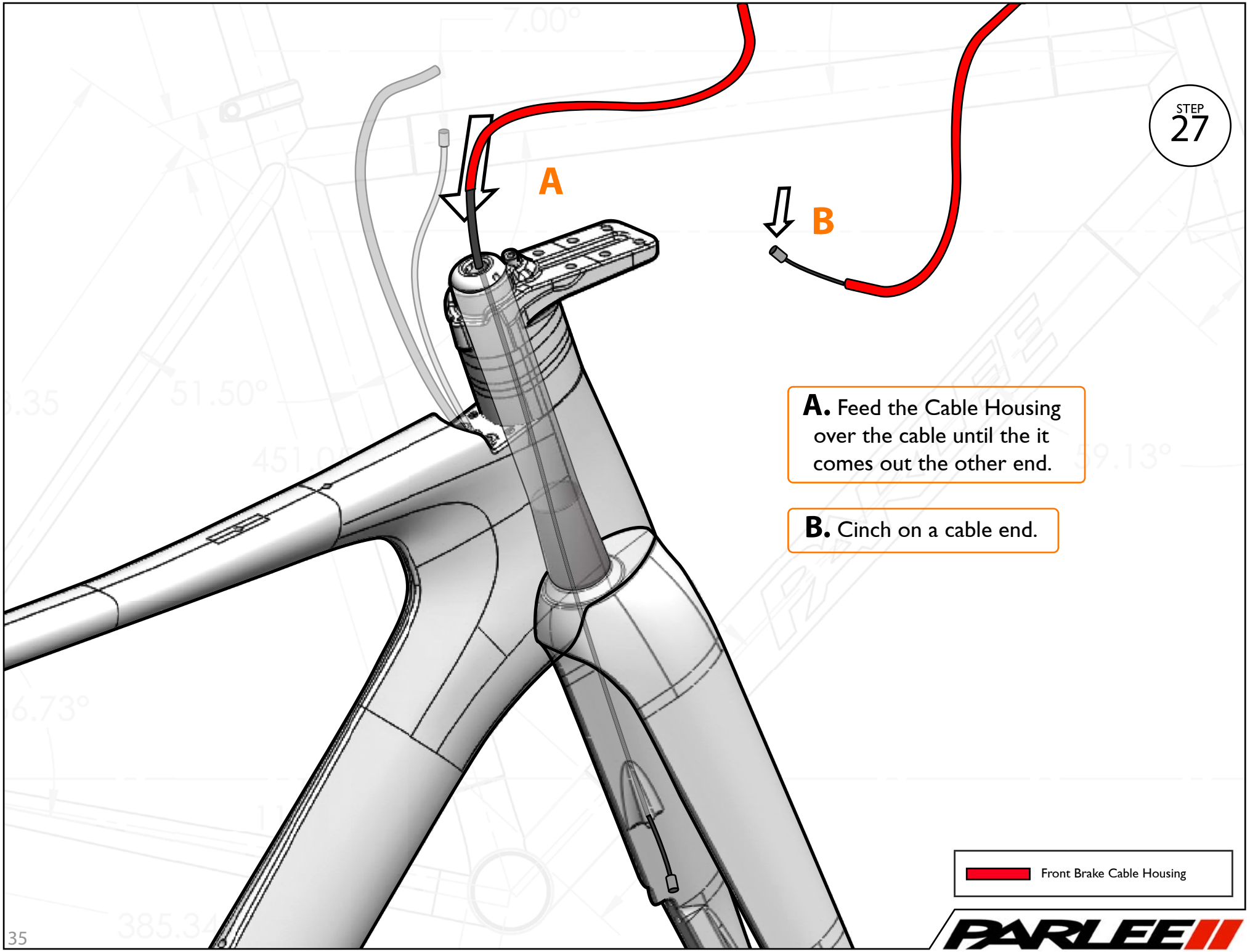


A. Feed a full run of cabling through the cable port in the fork leg until it stops at Compression Plug inside of steerer.

B. Feed a Magnet Cabling tool Through Compression plug until you feel it make contact with the cable end. Pull cable up through Compression plug.

Front Brake Cable Housing

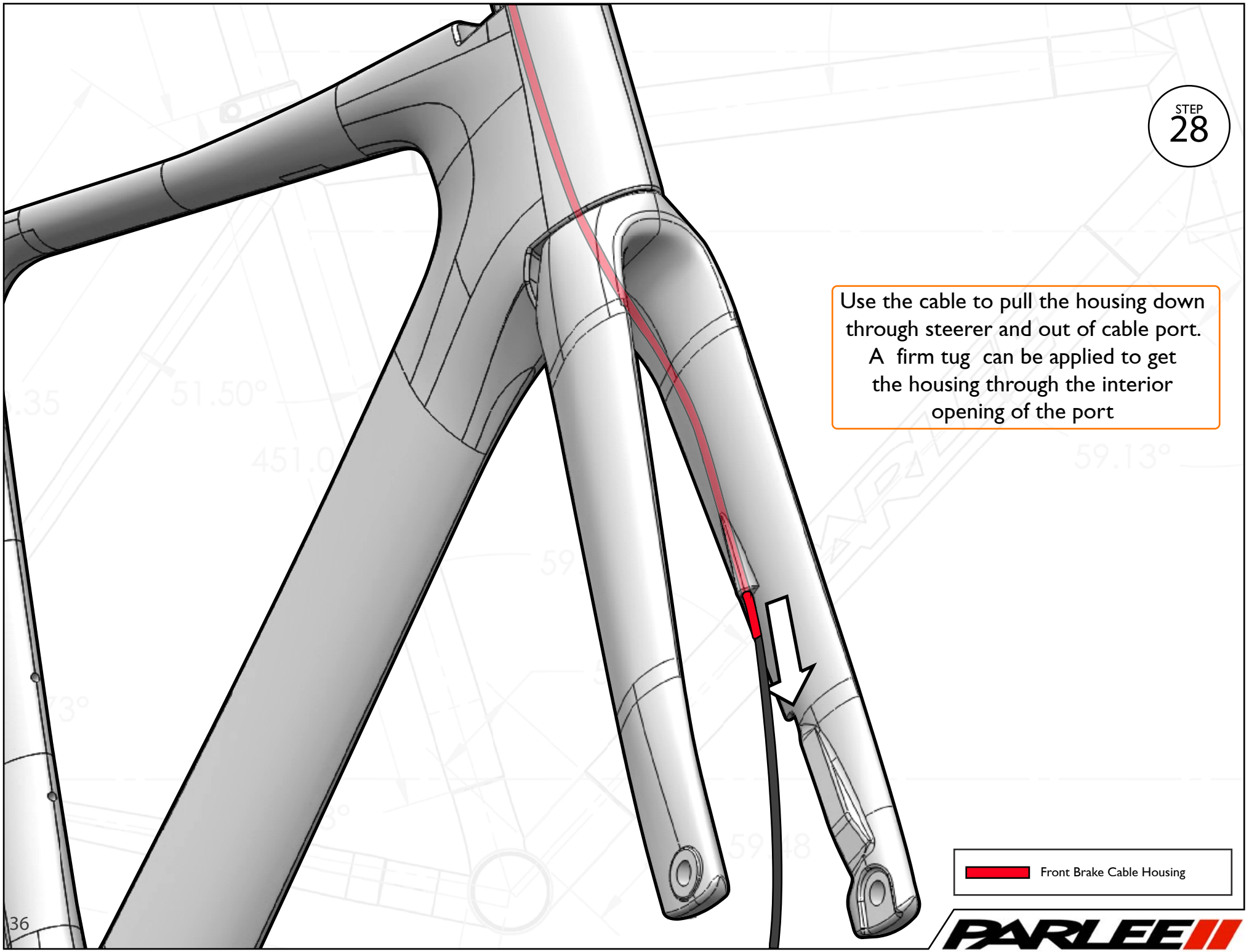
STEP 27

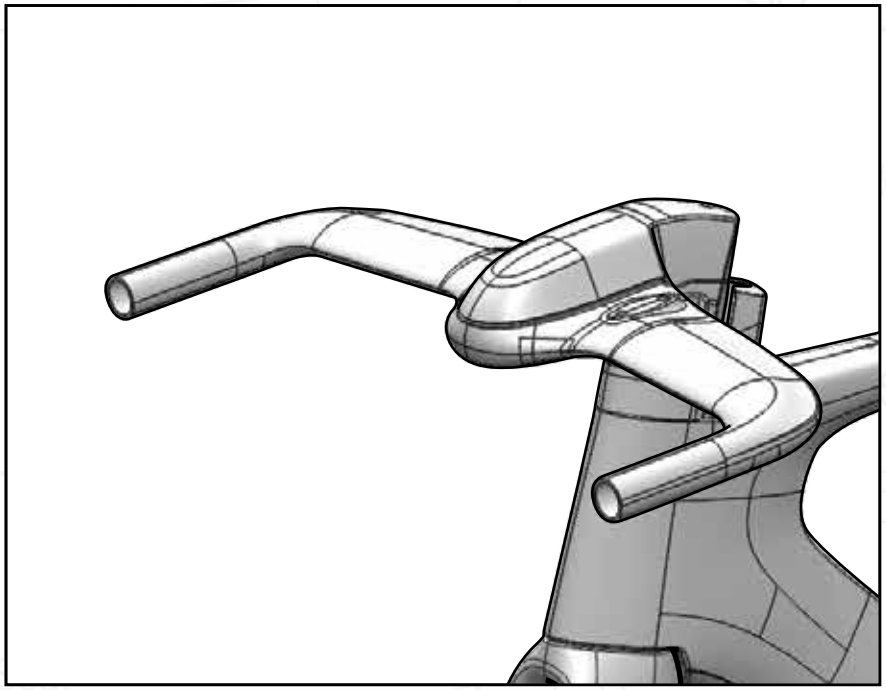


A. Feed the Cable Housing over the cable until the it comes out the other end.

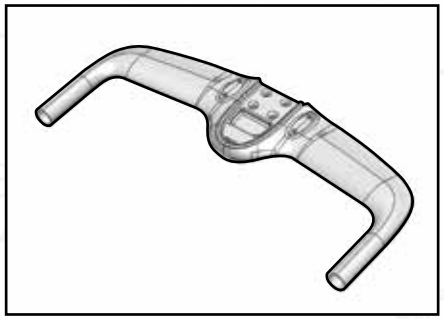
B. Cinch on a cable end.

Front Brake Cable Housing


STEP
28
Use the cable to pull the housing down through steerer and out of cable port. A firm tug can be applied to get the housing through the interior opening of the port
Front Brake Cable Housing

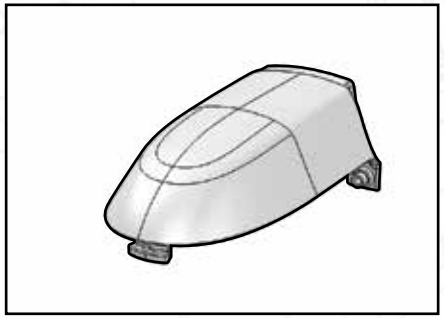


Base Bar Assembly



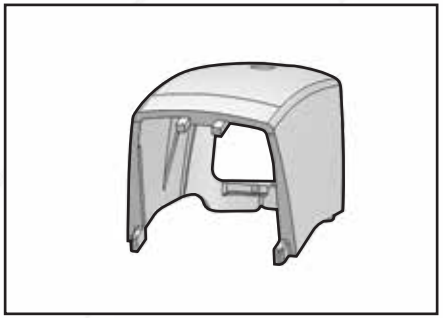
Base Bar

x1



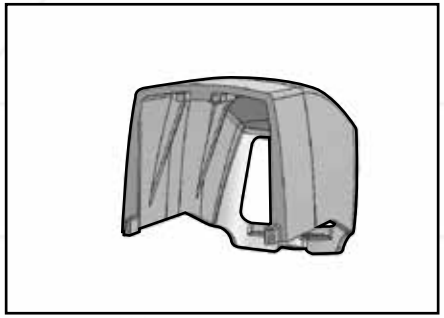
Base Bar Cover

x1



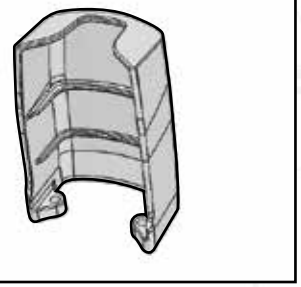
Stem Cover Short

x1



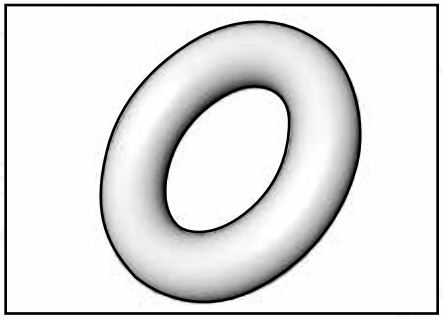
Stem Cover Long

x1



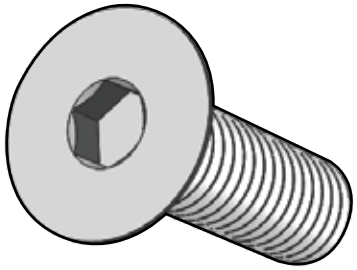
Cable Hood

x1



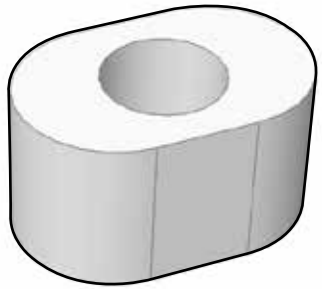
Stem Cover O-Ring

x2



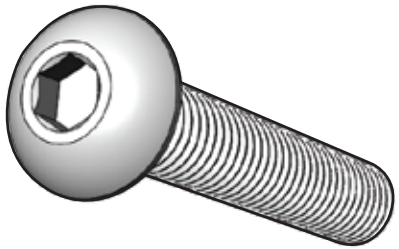
M6 Flat Head 20mm Screw

x4 - Red Loctite



M6 Stem Nut

x4



M3 Button Head 18mm Screw

x3 - Greased

Blue Loctite All Threaded Surfaces.

STEP 29

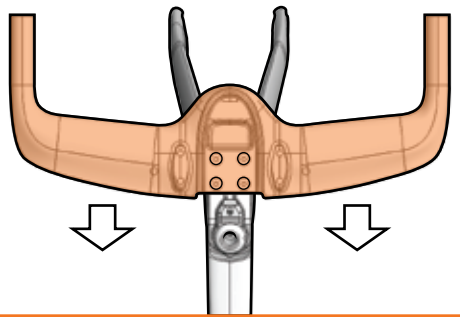
M6 Flat Head 20mm Screw

Torque to 5nm

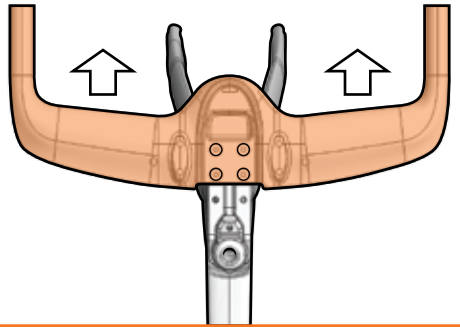
Base Bar

M6 Stem Nut

Stem length can be adjusted to 80mm or 105mm by using the forward or rearward mounting points on the stem.



80mm

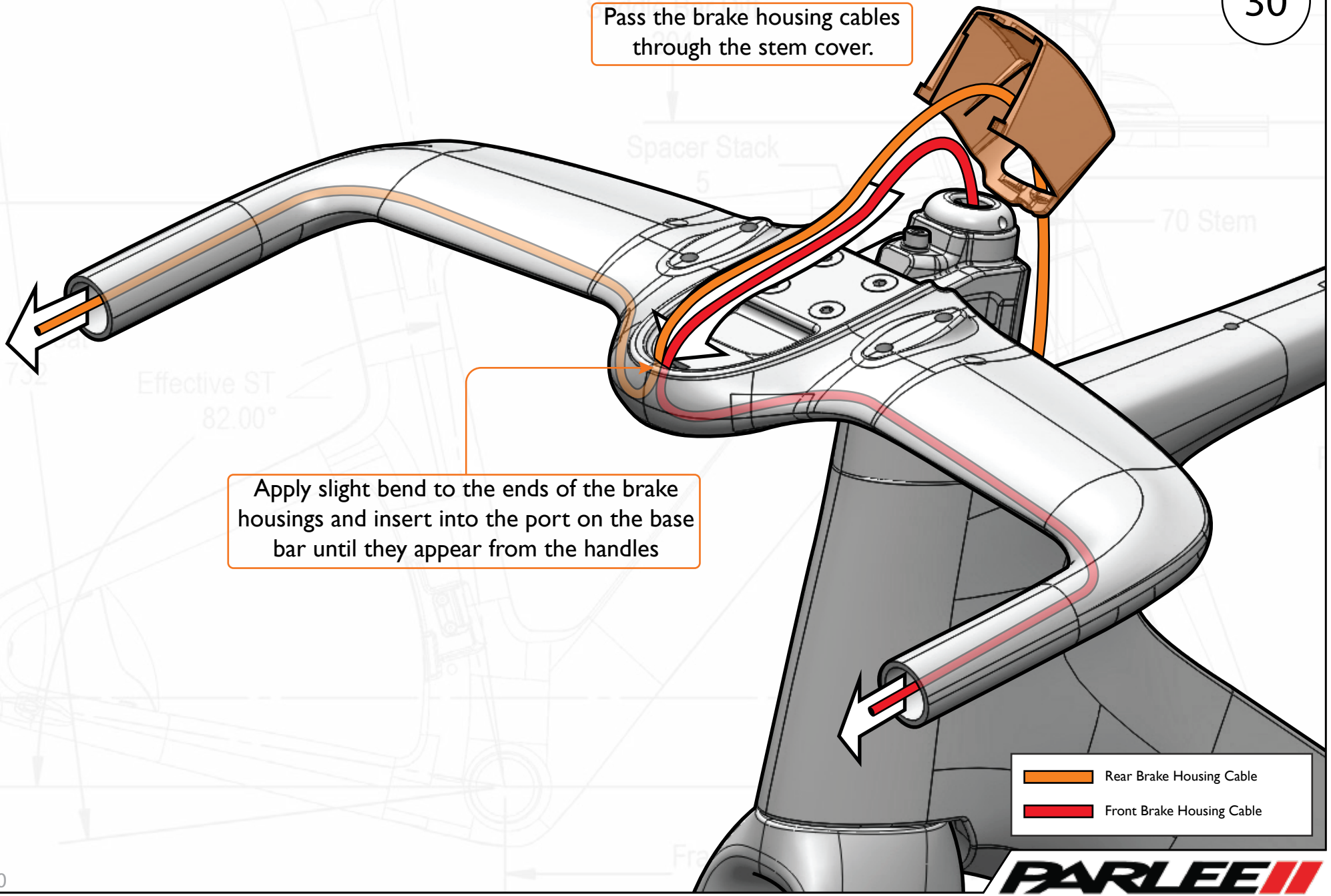


105mm

(A long and short stem cover are provided. The short cover is for an 80mm stem length and the long cover is for a 105mm stem length as determined in step 28.)

STEP 30

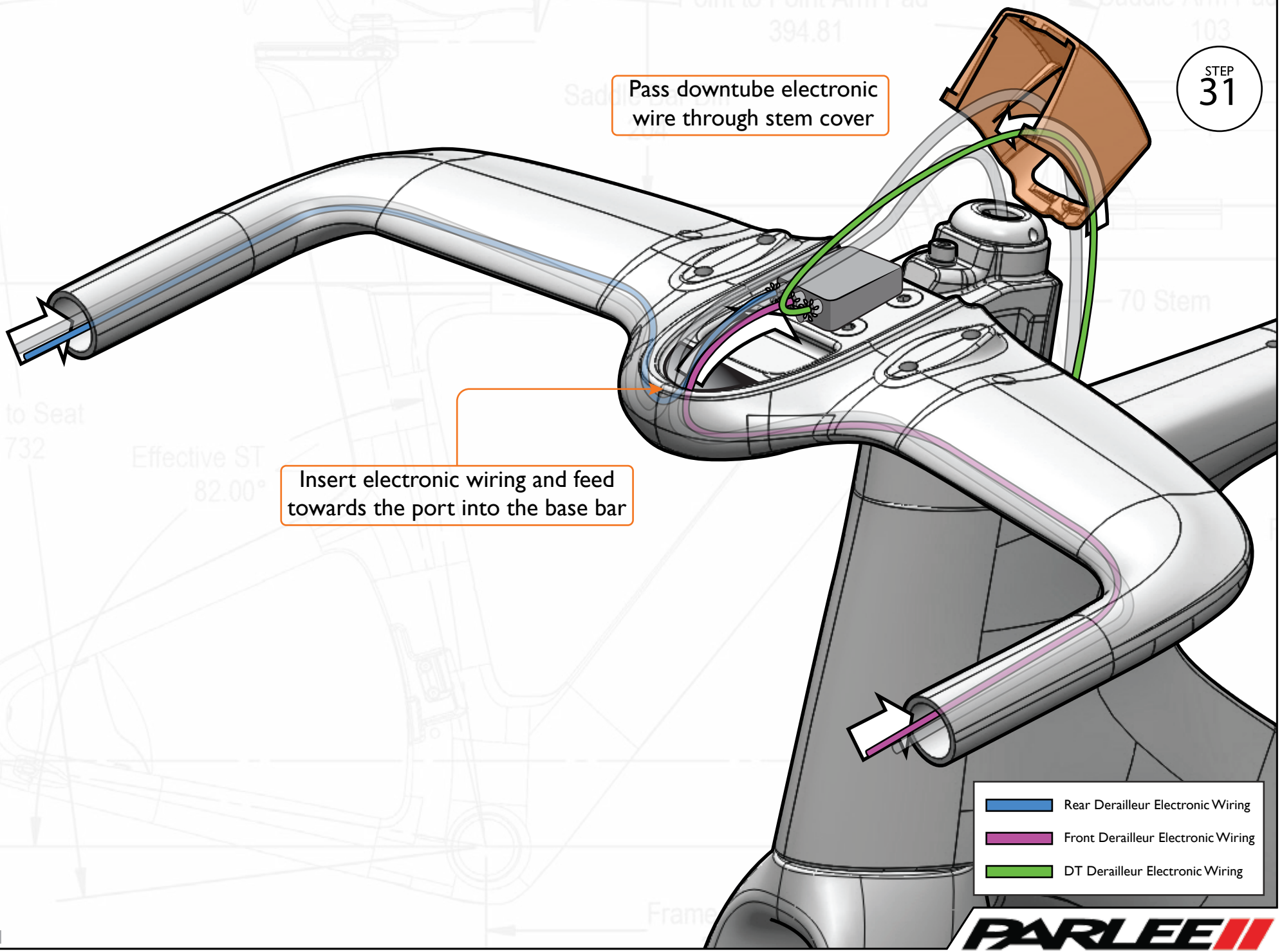
Pass the brake housing cables through the stem cover.



STEP 31

Pass downtube electronic wire through stem cover

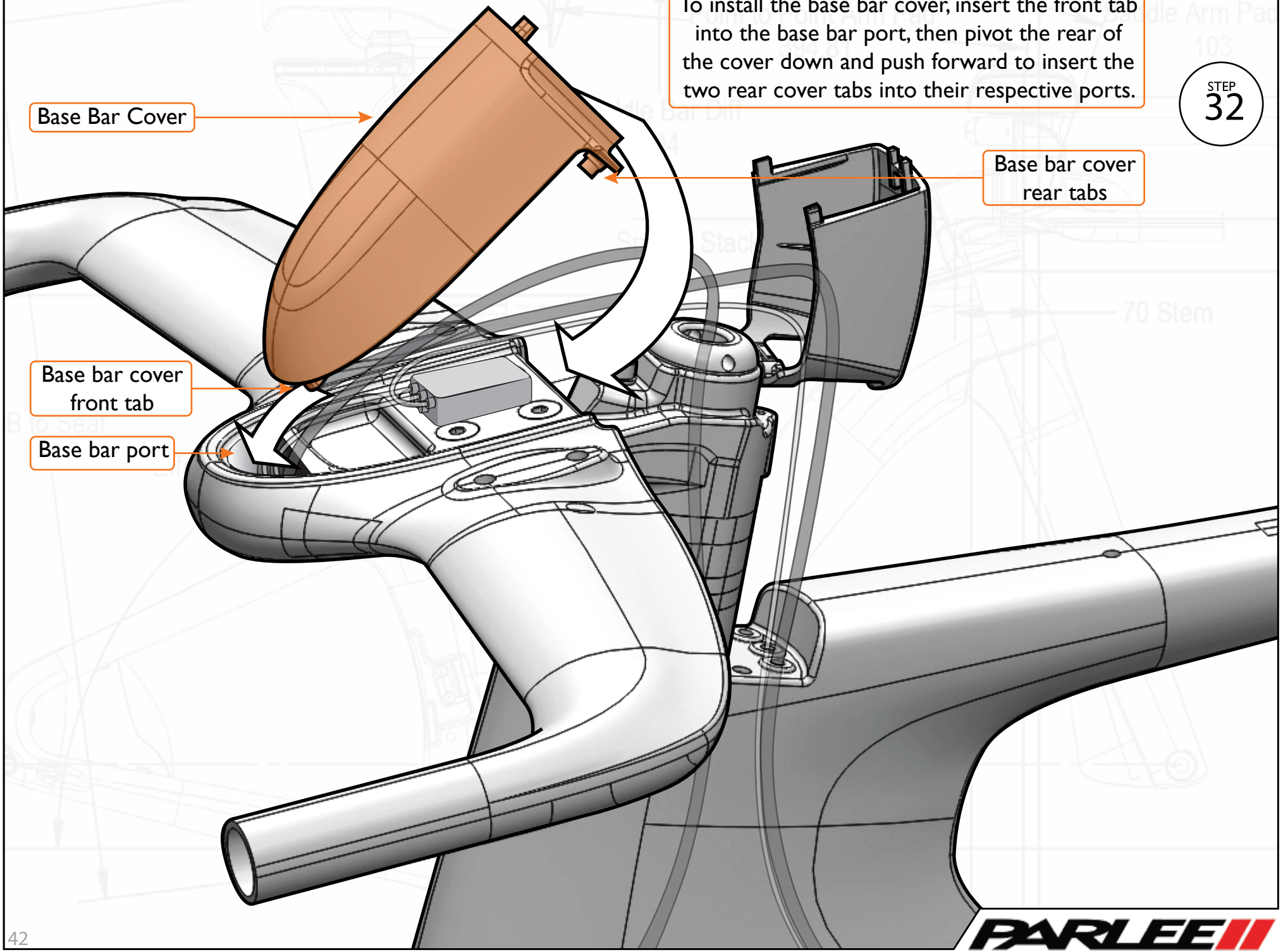
Insert electronic wiring and feed towards the port into the base bar

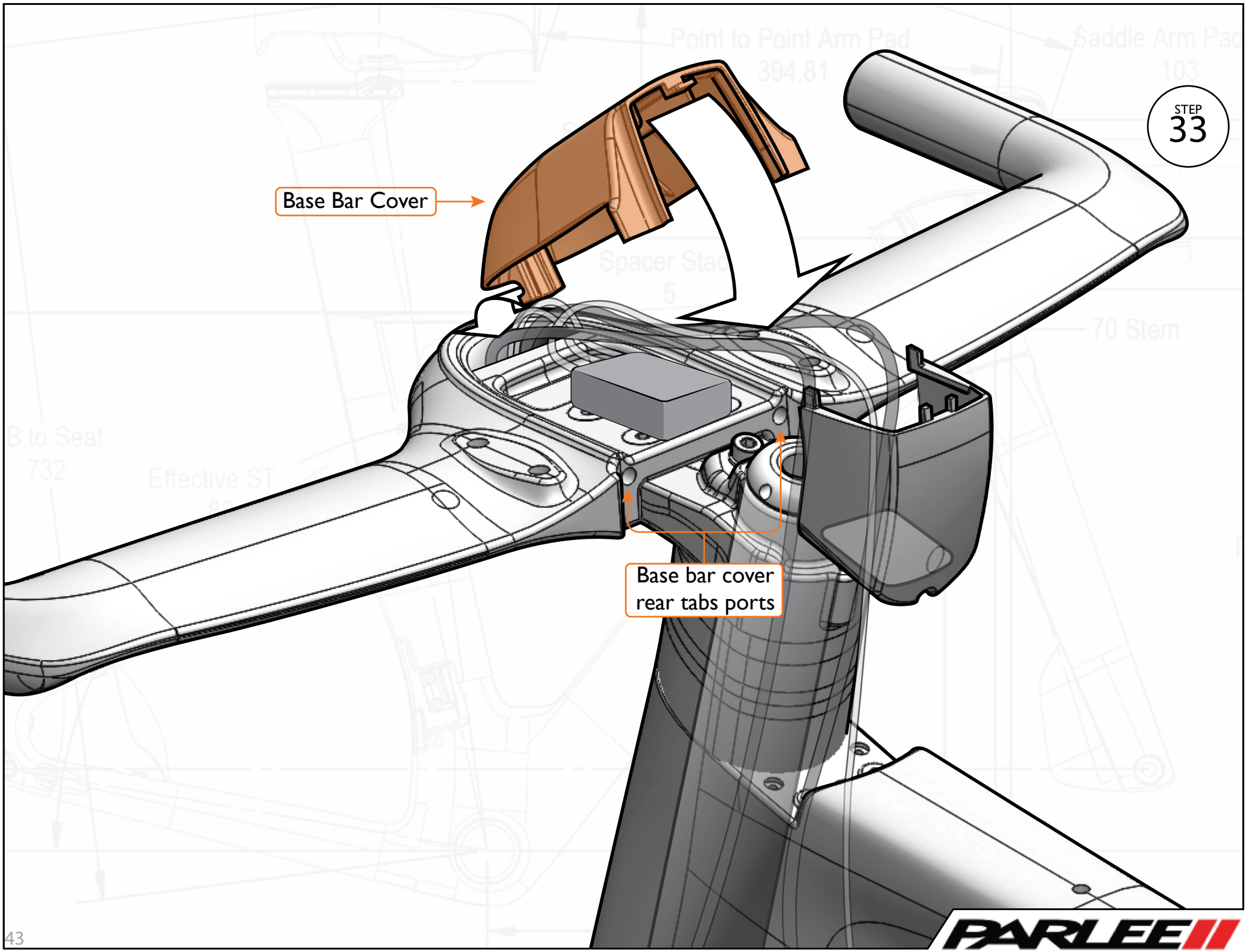


PARLEE

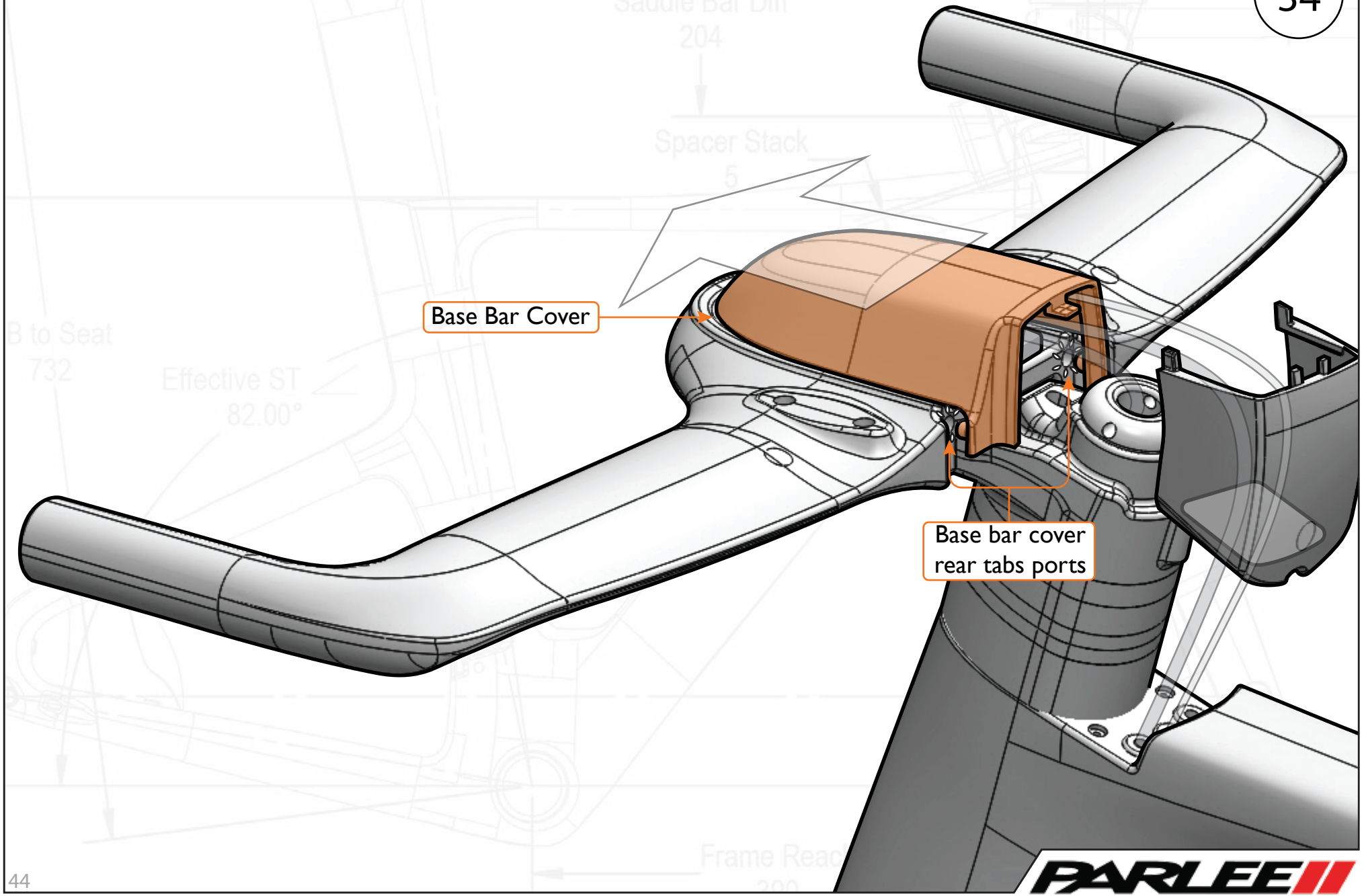
To install the base bar cover, insert the front tab into the base bar port, then pivot the rear of the cover down and push forward to insert the two rear cover tabs into their respective ports.

STEP 32



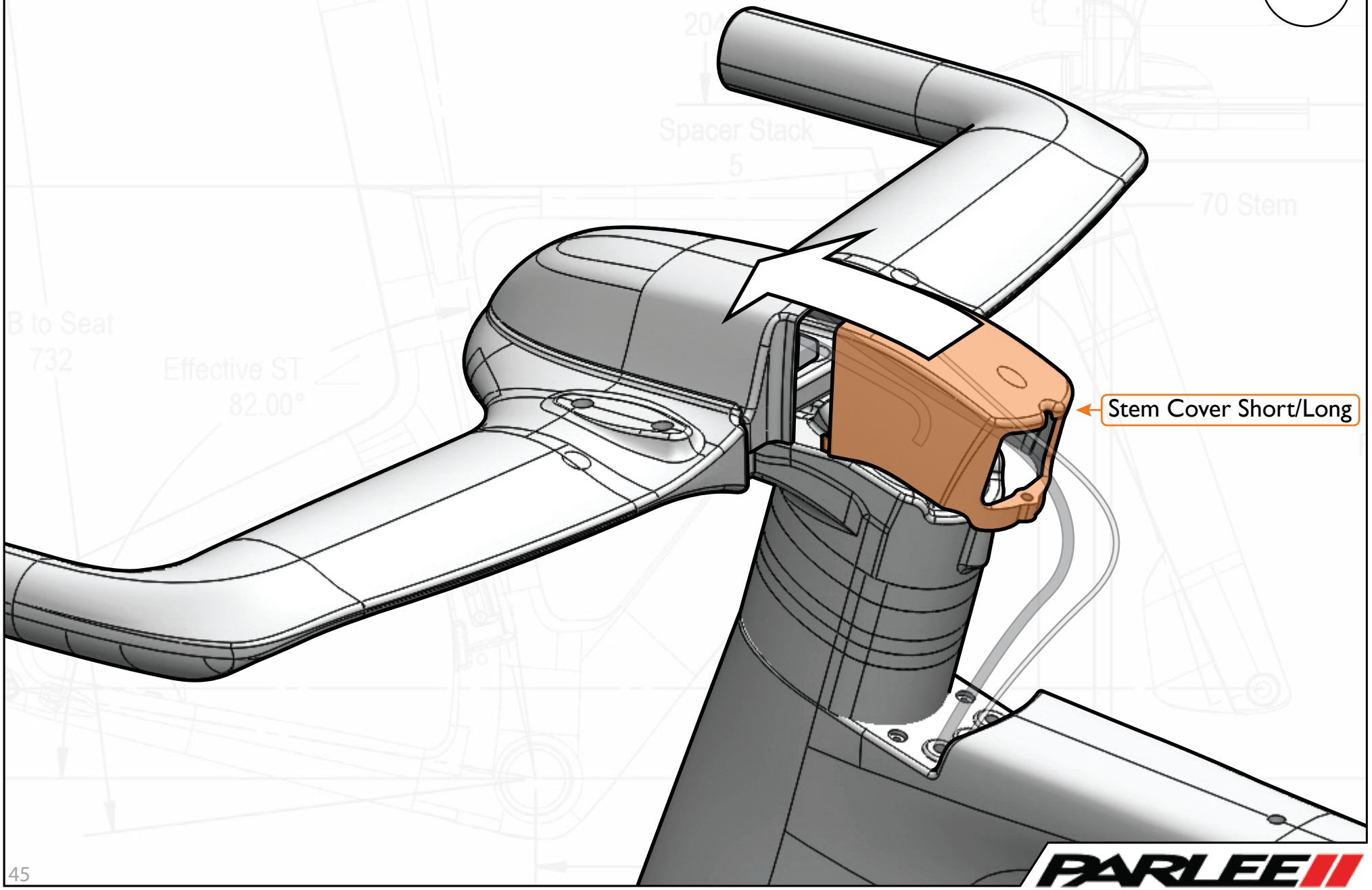

STEP
33
Base Bar Cover
Base bar cover
rear tabs ports

STEP 34



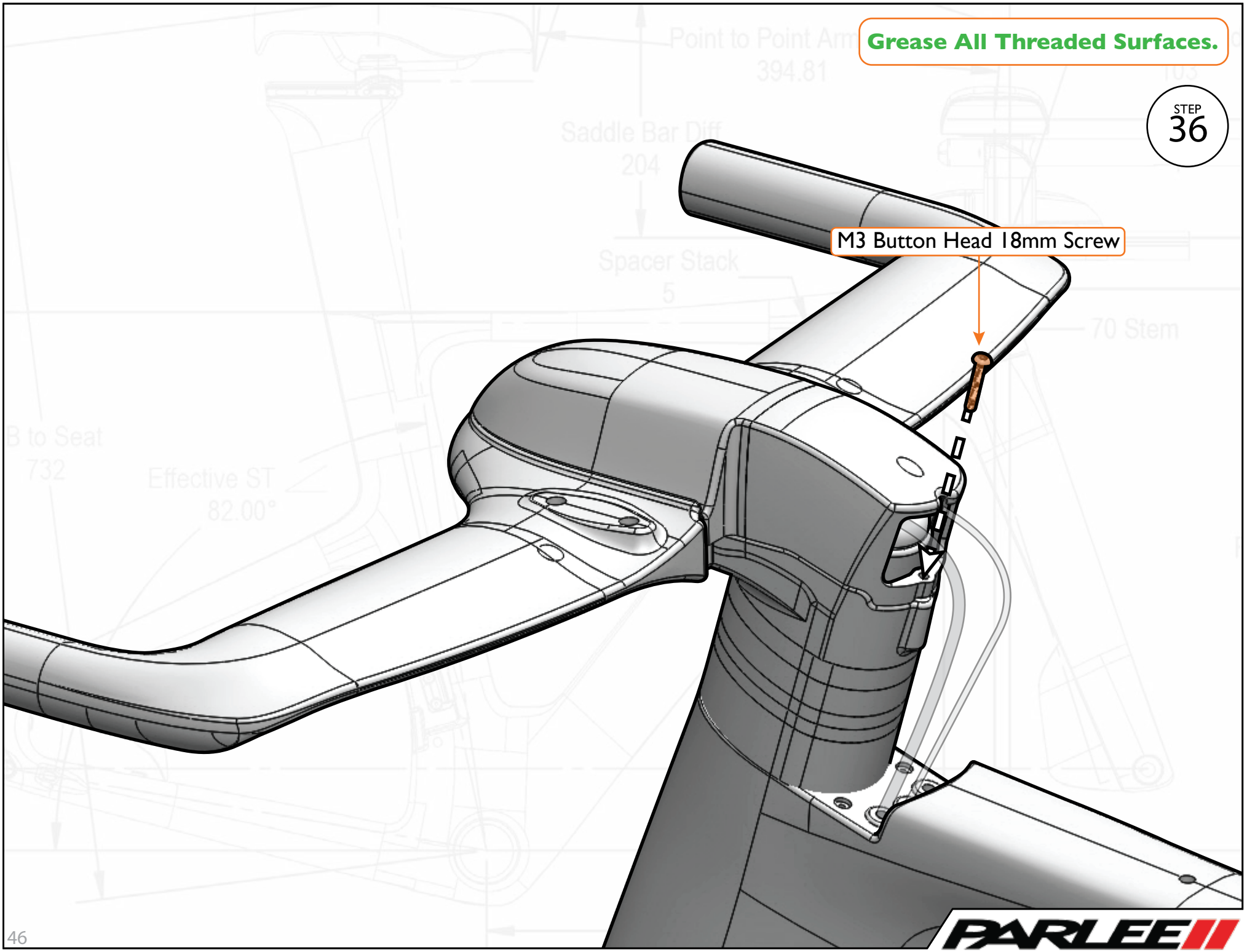
Insert stem cover tabs into the rear of the base bar cover and attach to the stem with the M3 button head 18mm screw.

STEP 35



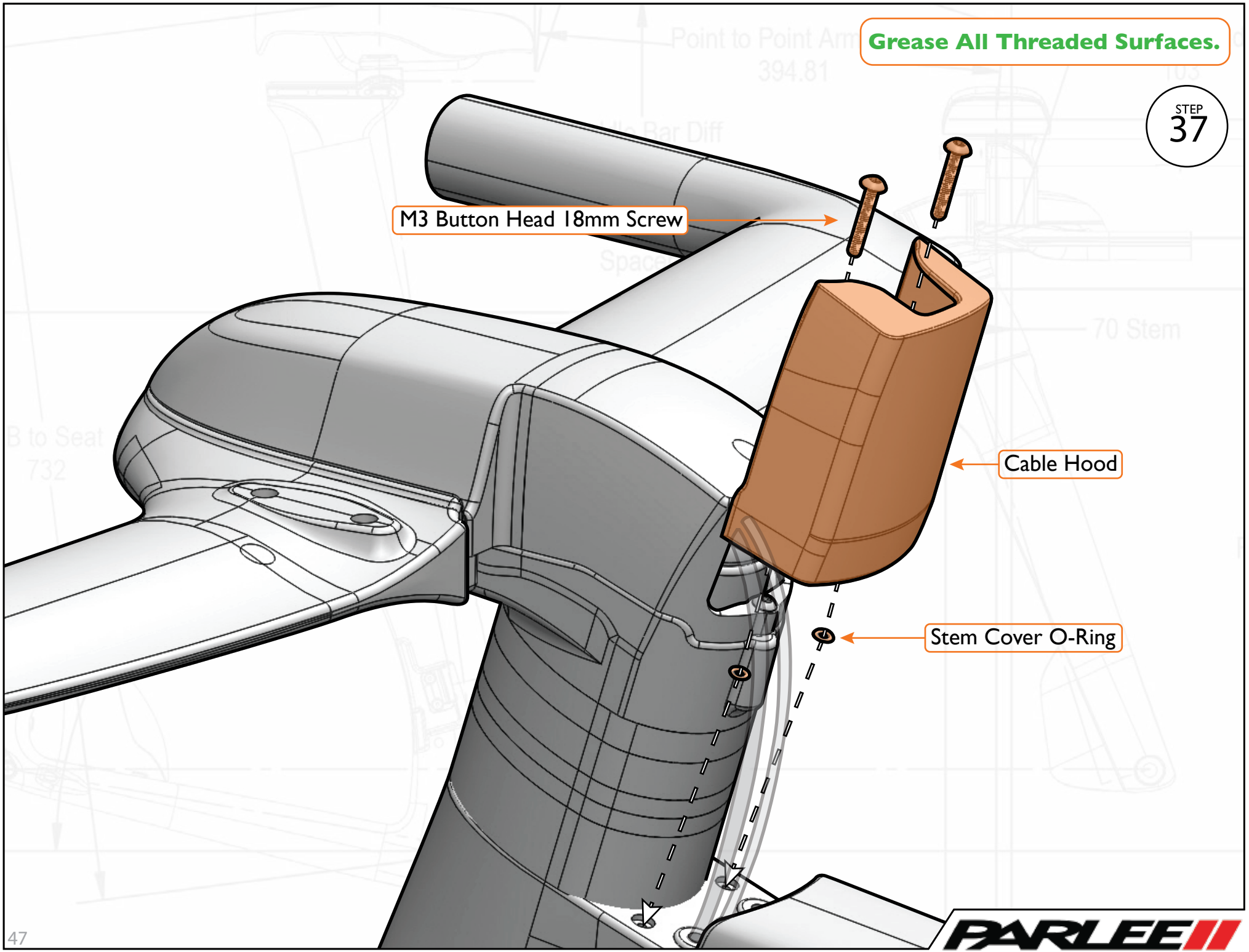
Grease All Threaded Surfaces.

STEP 36

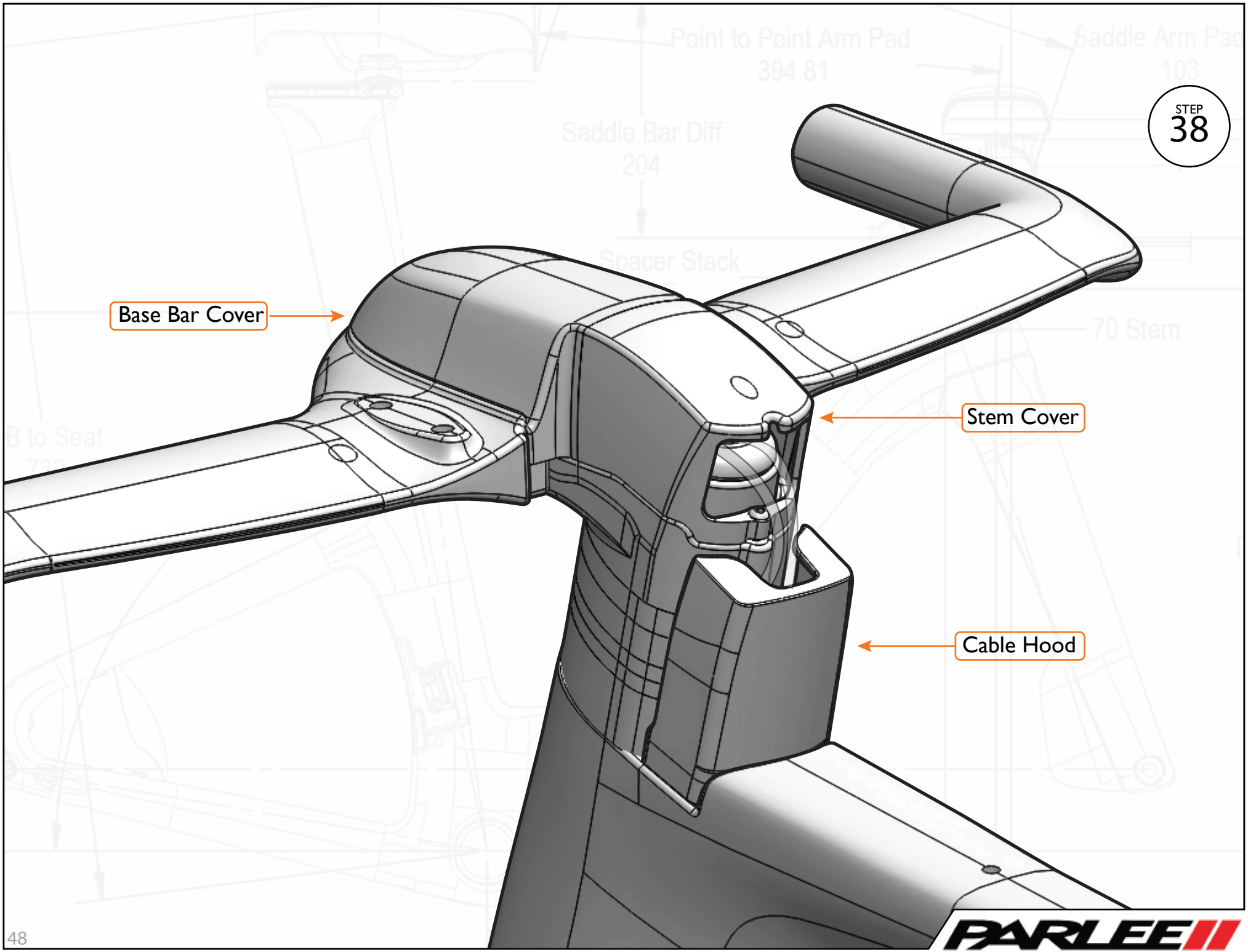


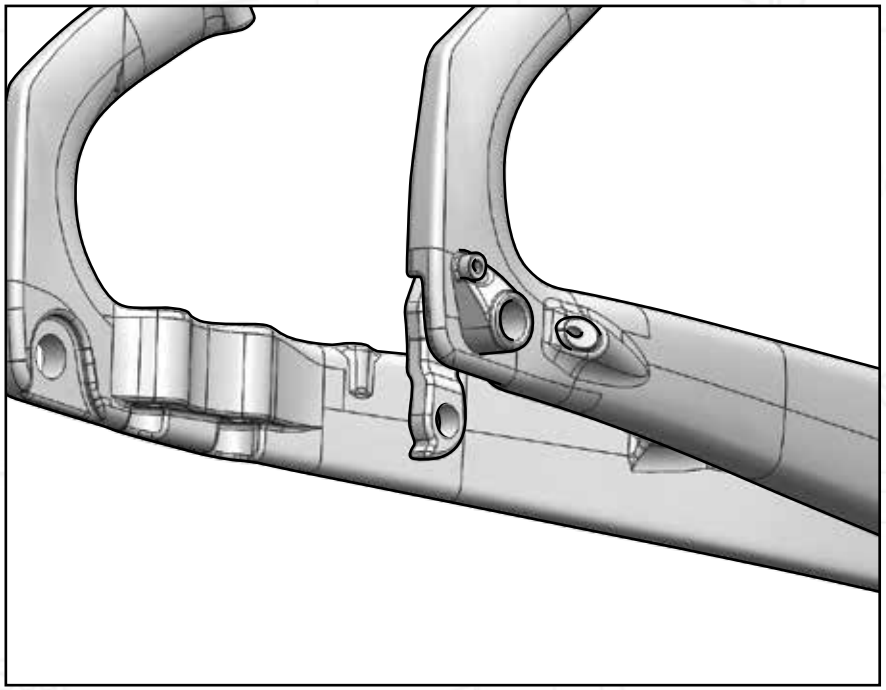
Grease All Threaded Surfaces.

STEP 37

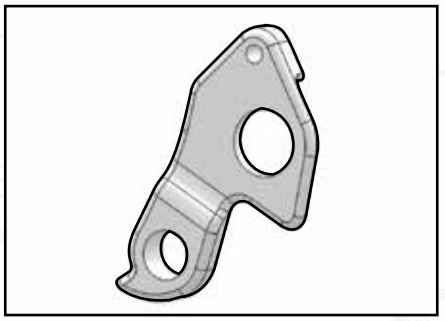


STEP 38



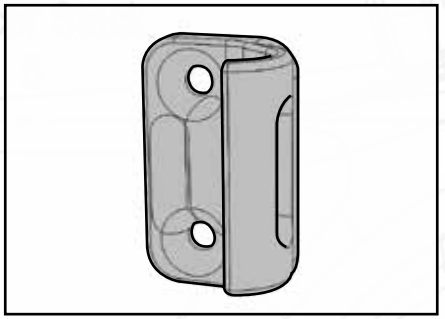


Frame Set Assembly Part 2



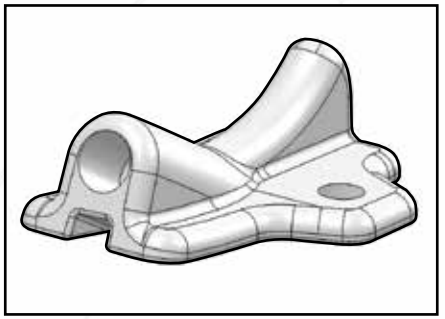
Rear Derailleur Hanger

x1



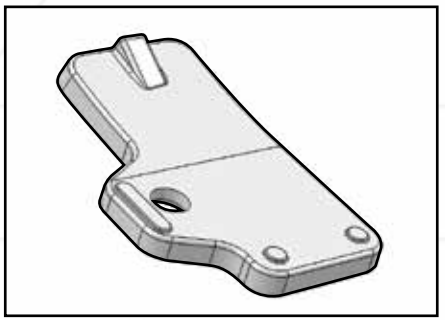
Front Derailleur Mount

x1



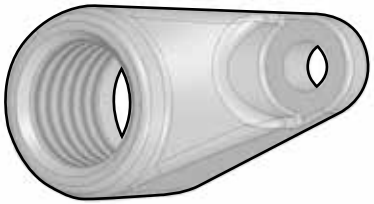
Cable Guide

x1



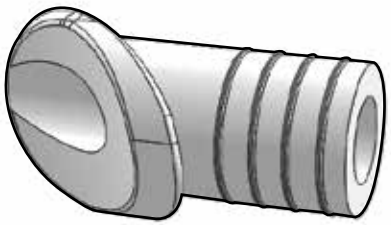
Cable Guide Cover

x1



Through Axle Nut

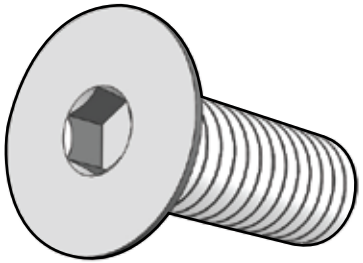
x1



Rear Mechanical Brake AR Grommet

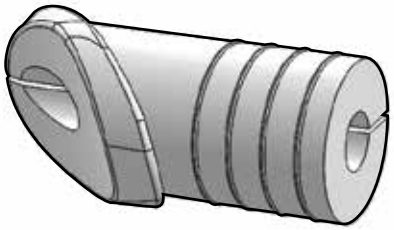
x1

Used if using mechanical.



M4 Flat Head 17mm Screw

x3 - (x2 Red Loctite)
(x1 Greased)



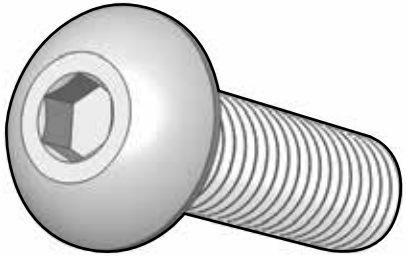
Rear Electronic Brake AR Grommet

x1

Used if using electronic.

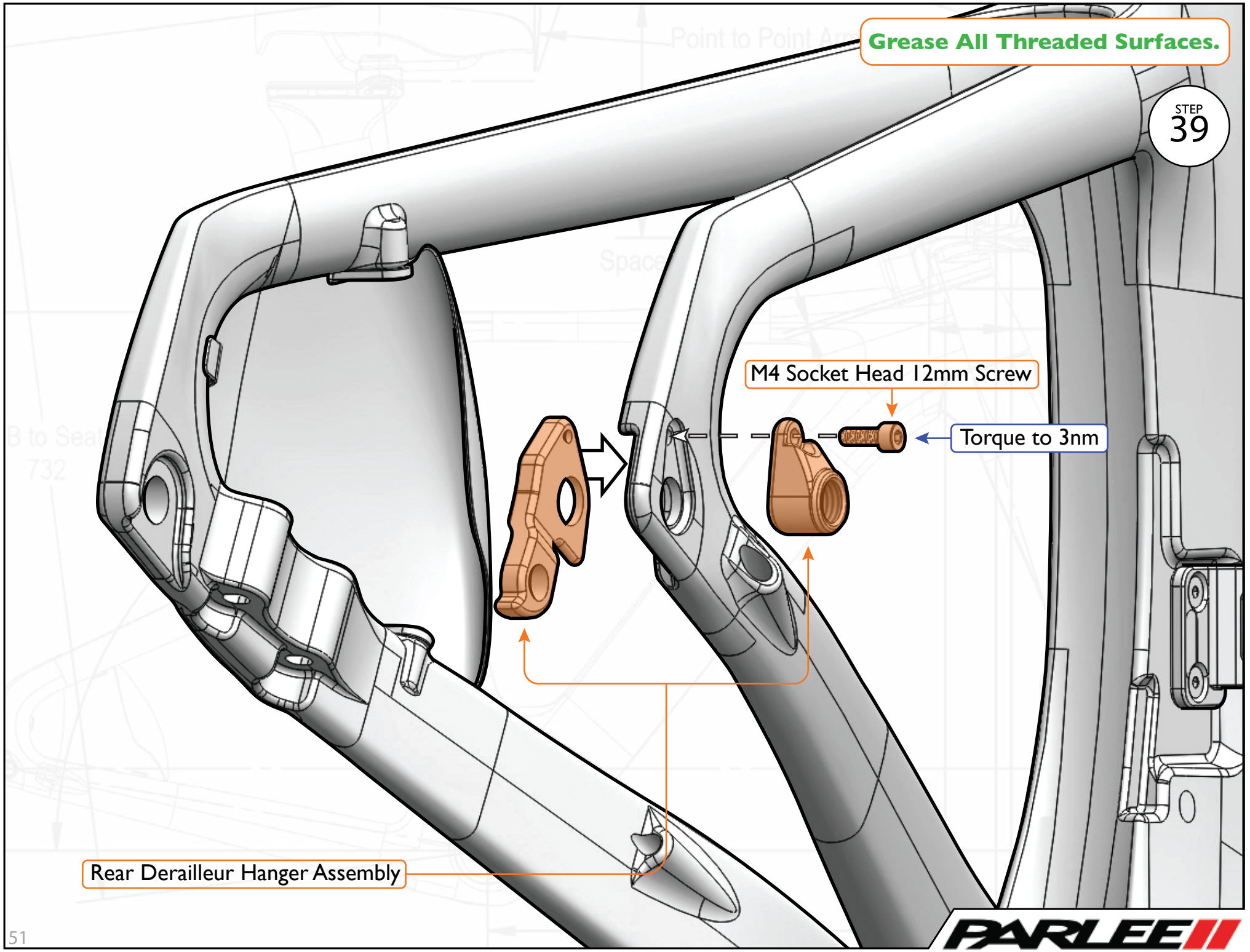
M4 Socket Head 12mm Screw

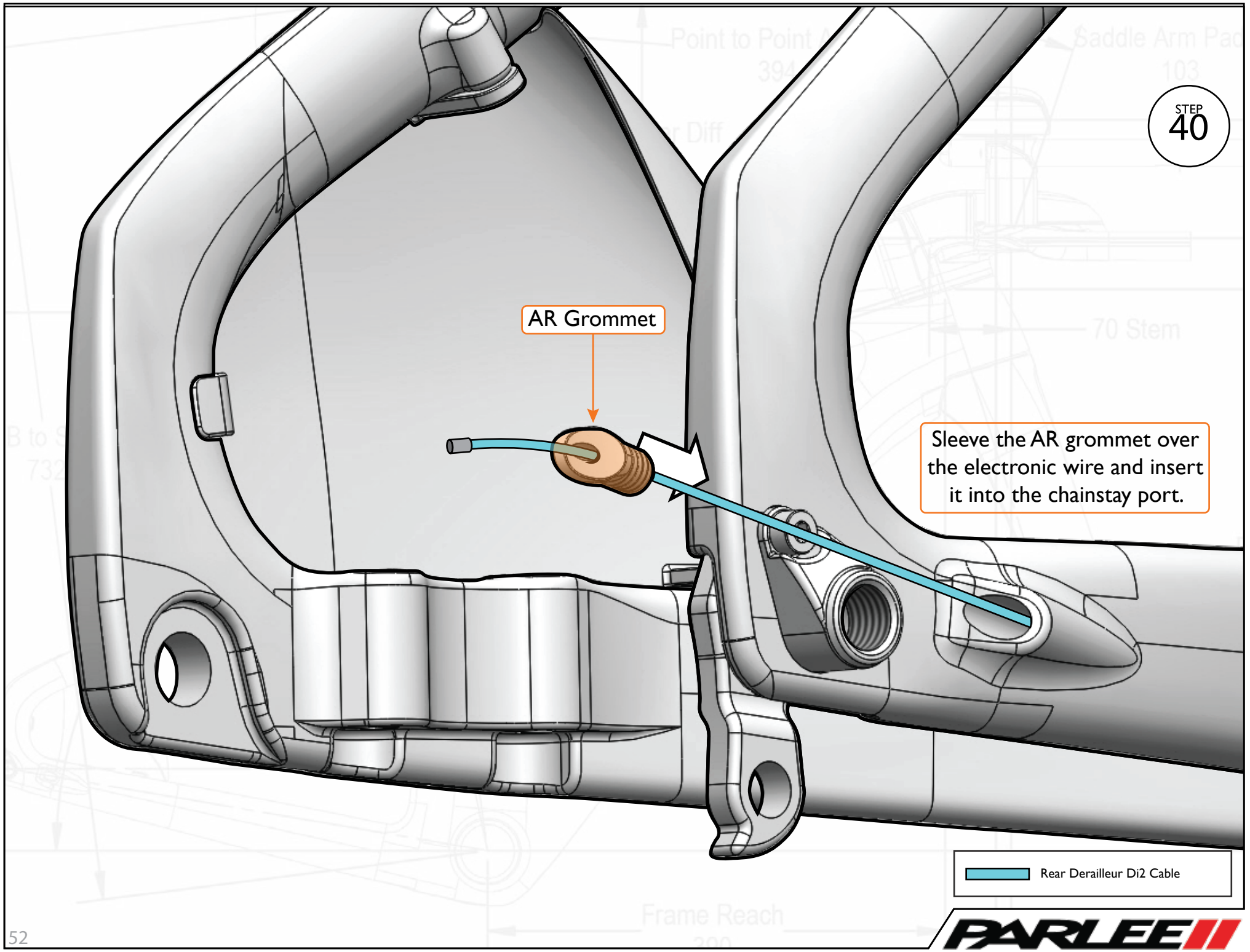
x1 - Greased

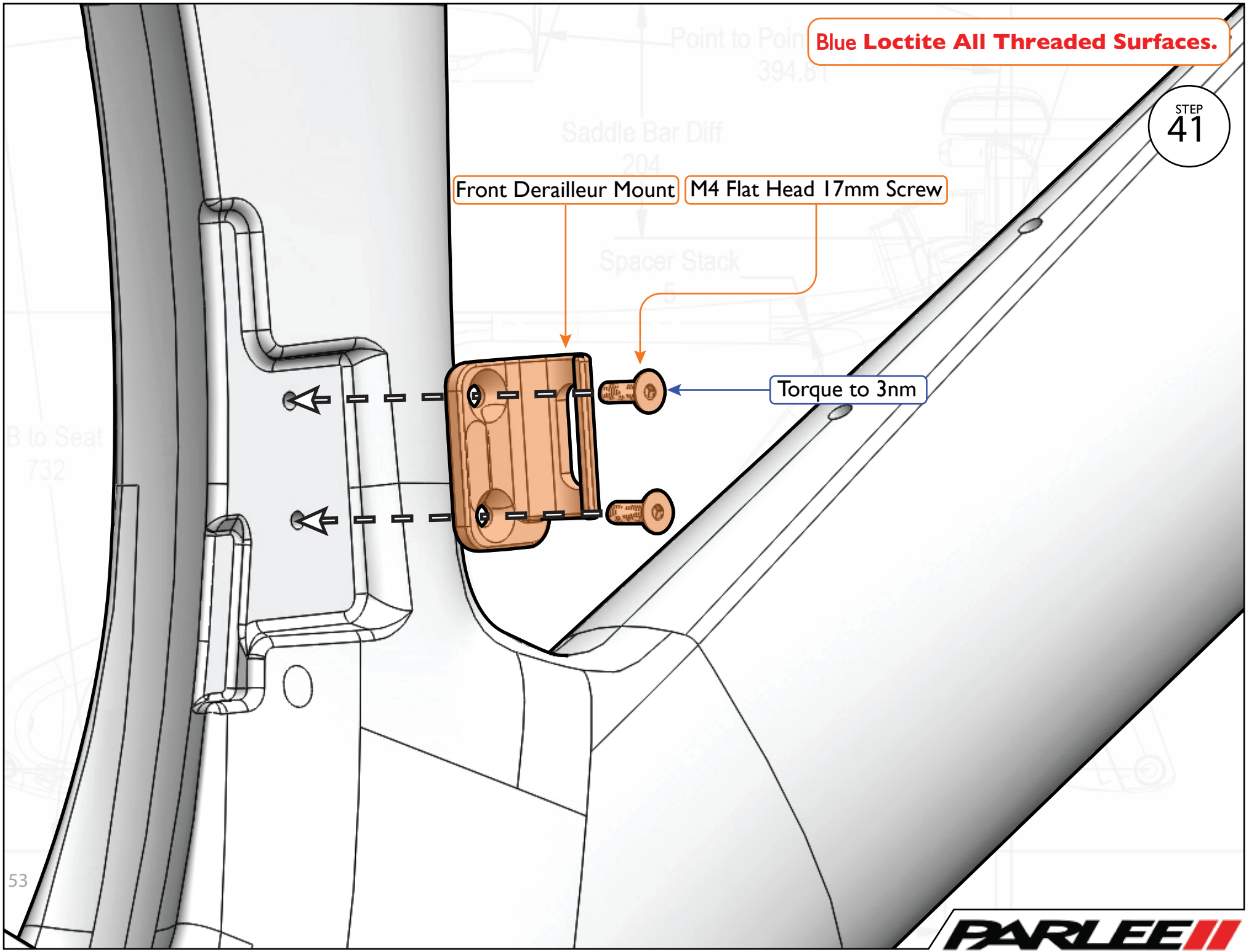


M5 Button Head 18mm Screw

x7 - Greased

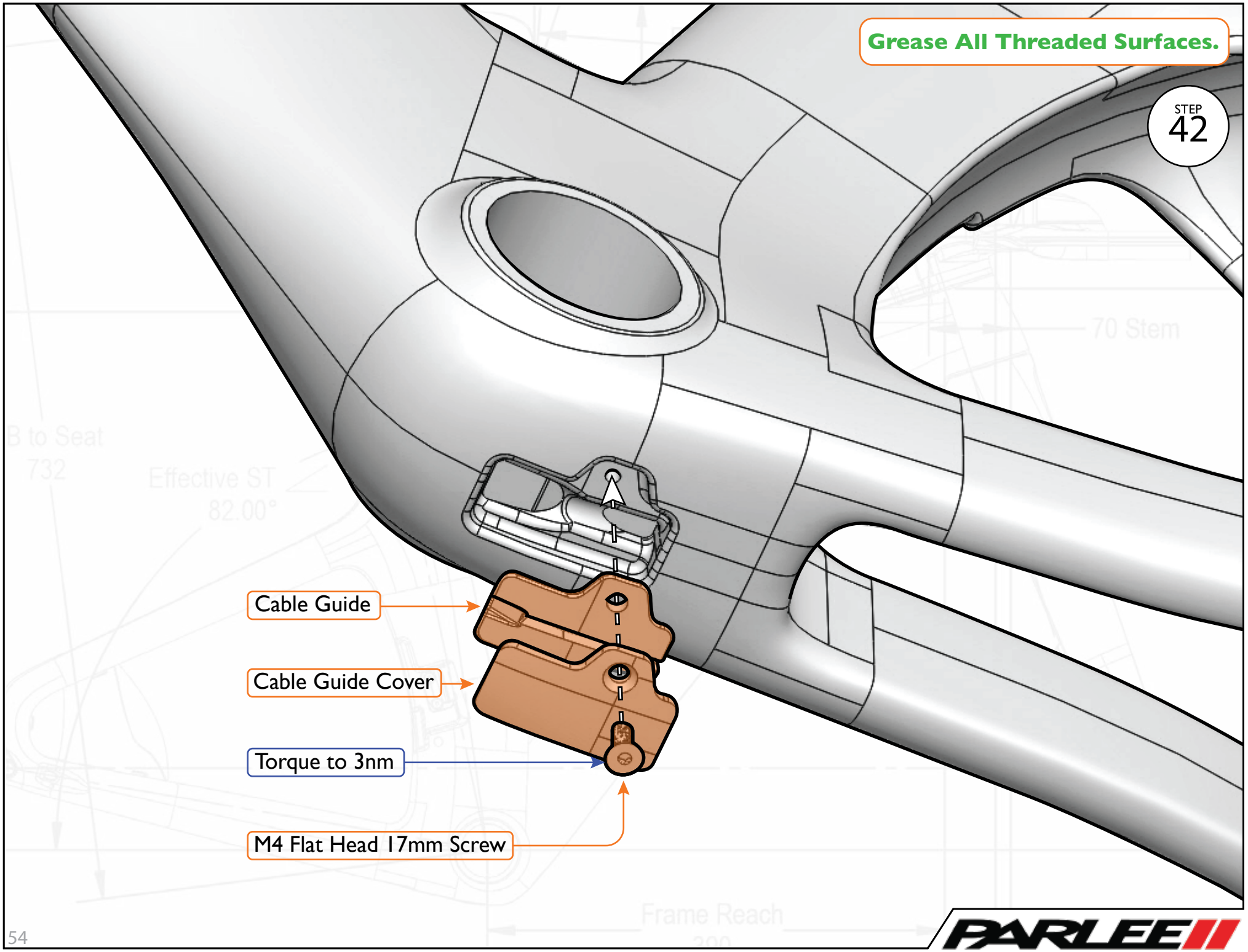

Grease All Threaded Surfaces.
STEP
39
M4 Socket Head 12mm Screw
Torque to 3nm
Rear Derailleur Hanger Assembly

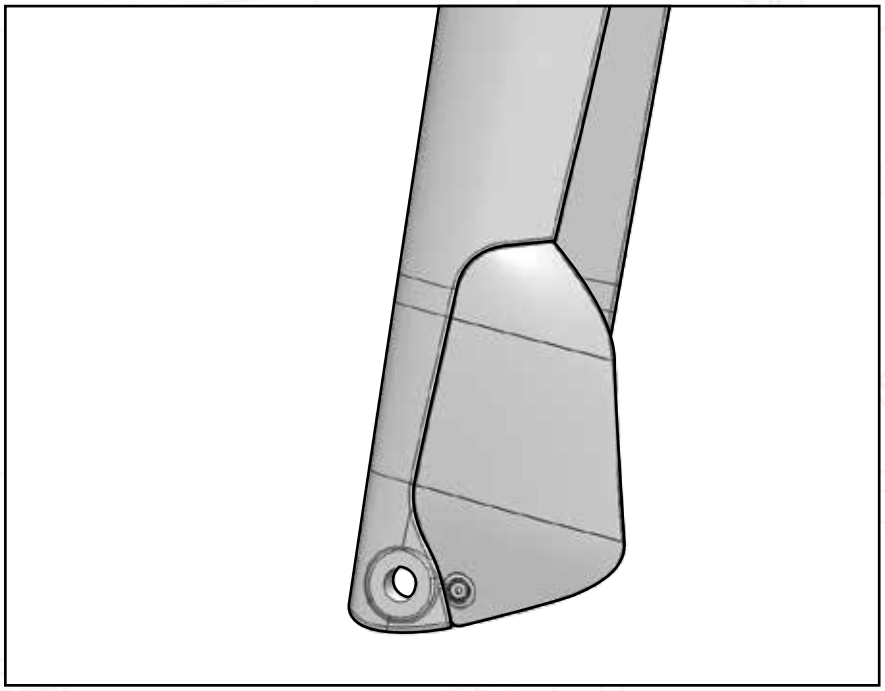

STEP
40
AR Grommet
Sleeve the AR grommet over the electronic wire and insert it into the chainstay port.
Rear Derailleur Di2 Cable


Blue Loctite All Threaded Surfaces.
STEP
41
Front Derailleur Mount
M4 Flat Head 17mm Screw
Torque to 3nm

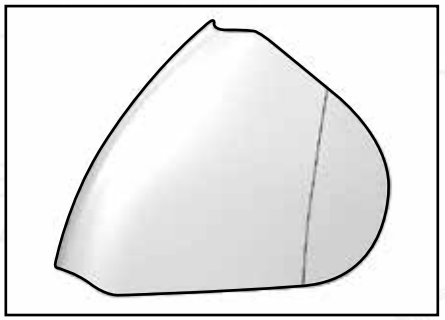
Grease All Threaded Surfaces.

STEP 42



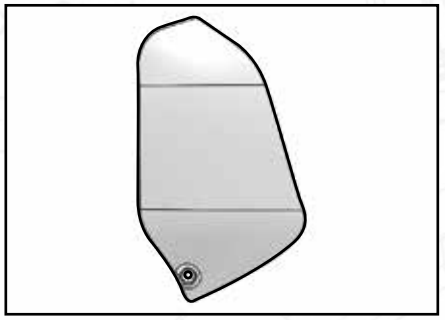


SpeedShield™ Assembly



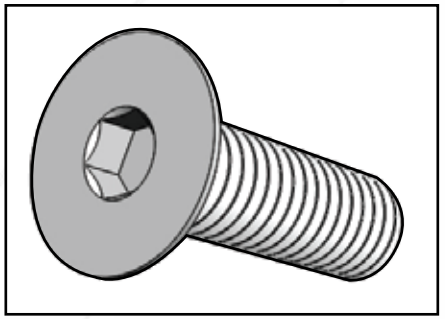
Rear SpeedShield™

x1



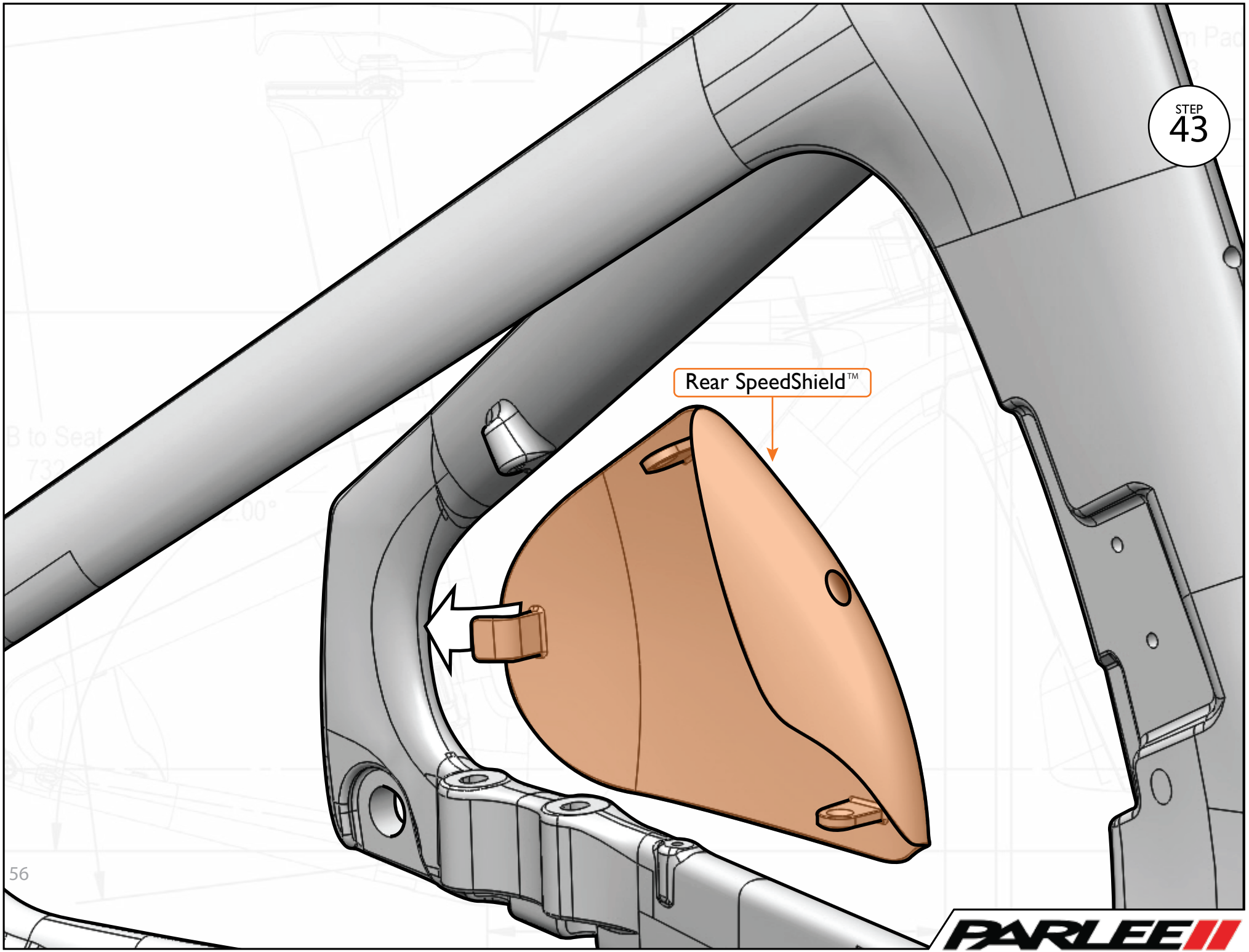
Front SpeedShield™

x1



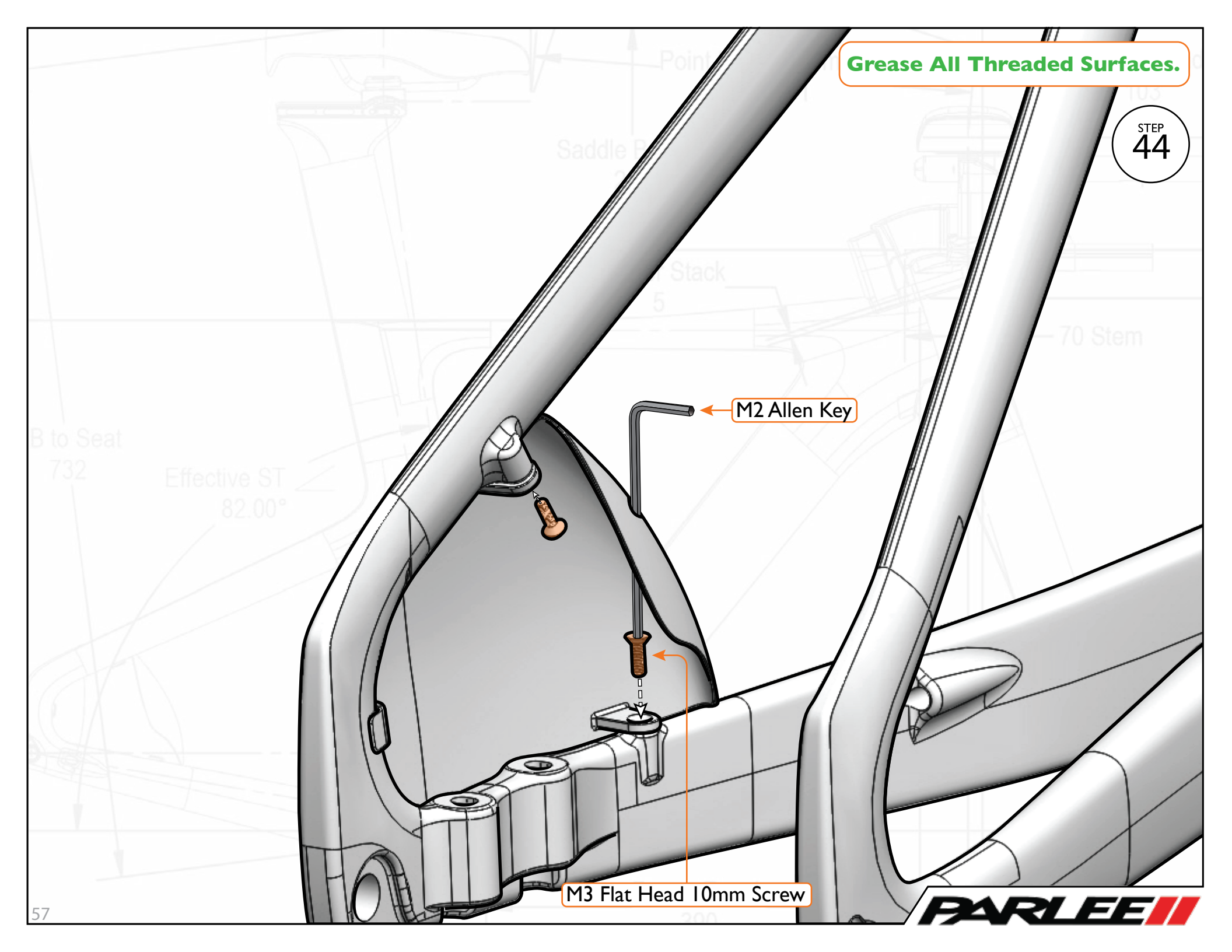
M3 Flat Head 10mm Screw

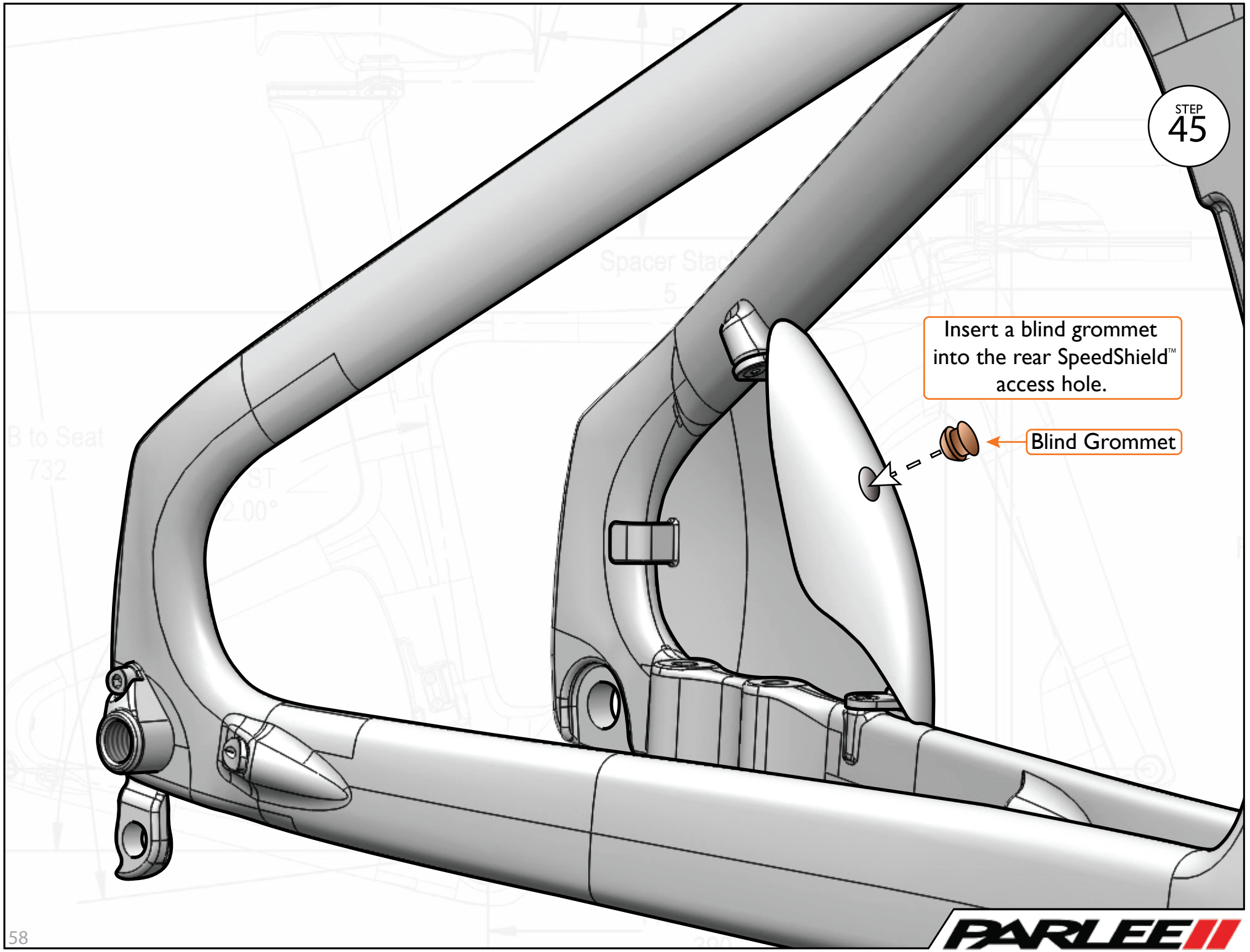
x4 - Greased


STEP
43
Rear SpeedShield™

Grease All Threaded Surfaces.

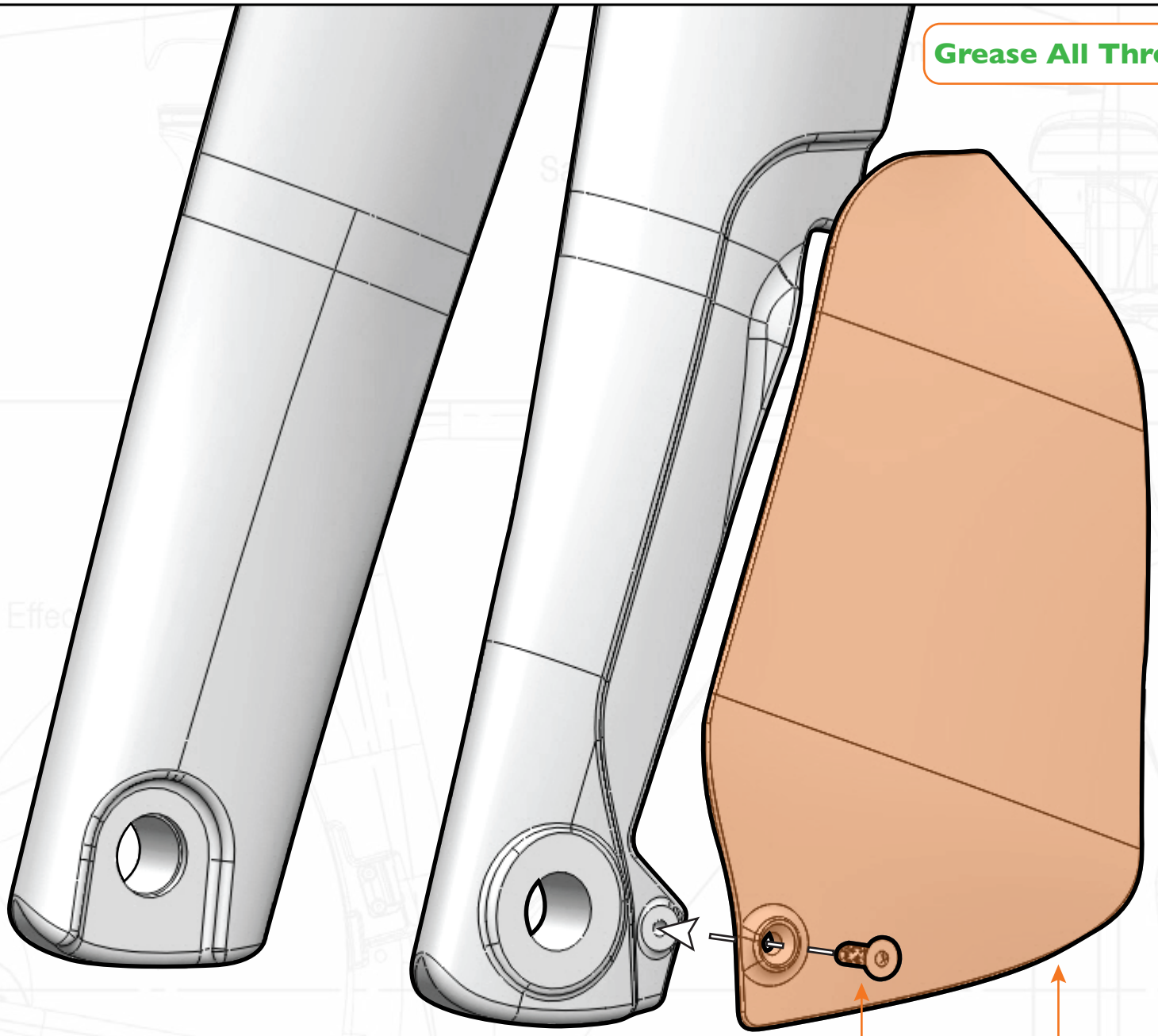
STEP 44




STEP
45
Insert a blind grommet into the rear SpeedShield™ access hole.
Blind Grommet

Grease All Threaded Surfaces.

STEP 46

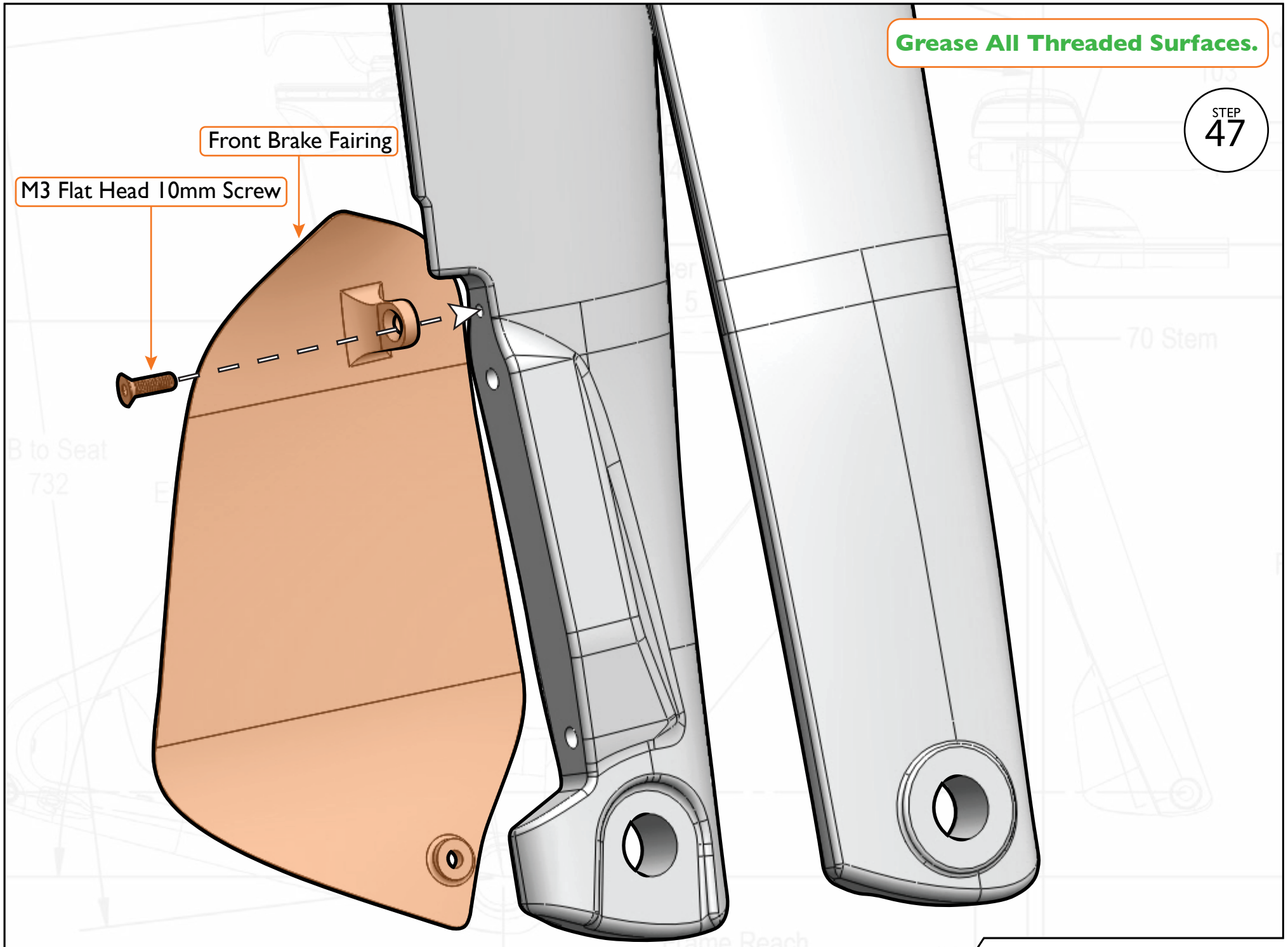


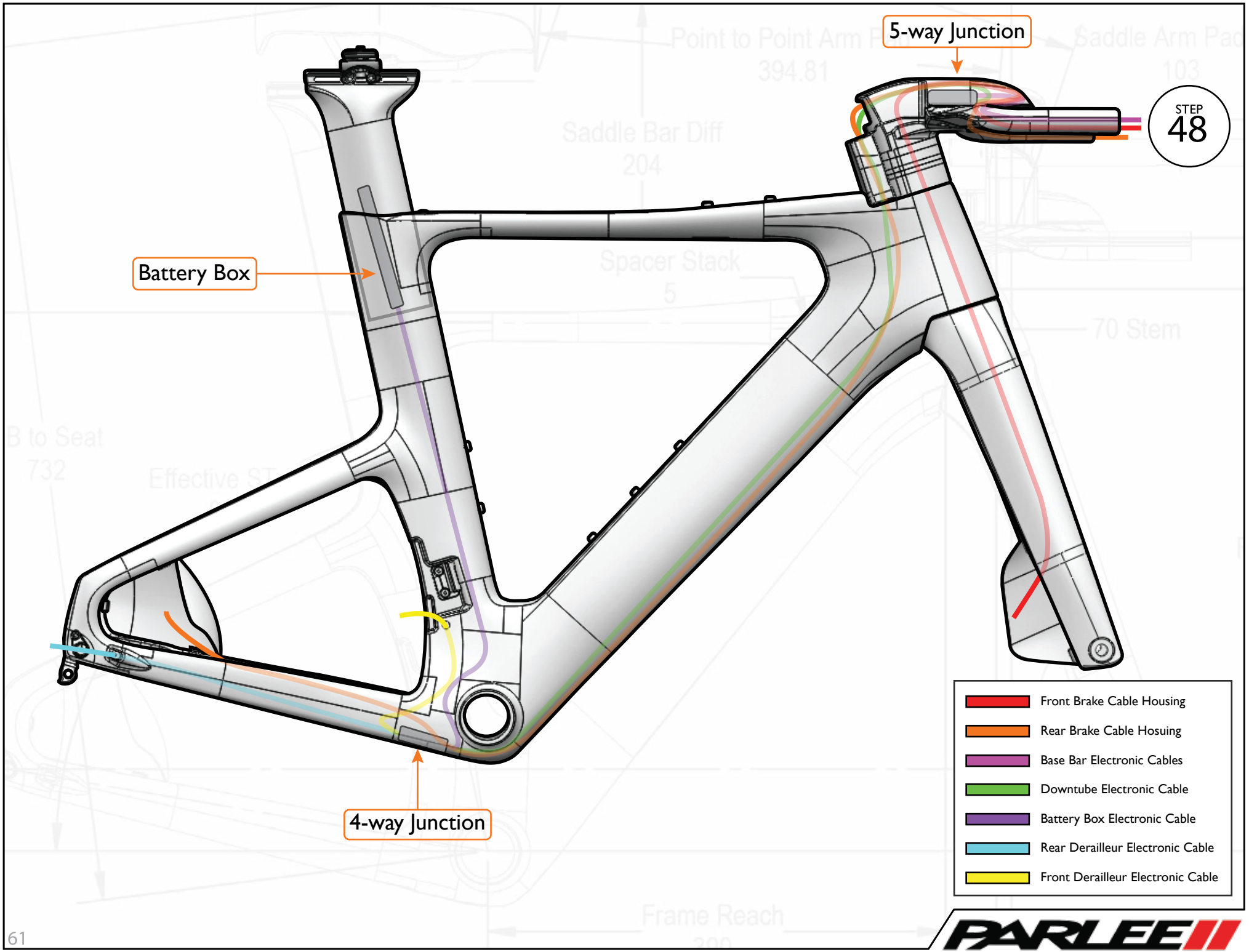
Front SpeedShield™

M3 Flat Head 10mm Screw

Grease All Threaded Surfaces.

STEP 47




5-way Junction
STEP
48
Battery Box
4-way Junction
Front Brake Cable Housing
Rear Brake Cable Hosuing
Base Bar Electronic Cables
Downtube Electronic Cable
Battery Box Electronic Cable
Rear Derailleur Electronic Cable
Front Derailleur Electronic Cable