



# FRAME ASSEMBLY INFORMATION

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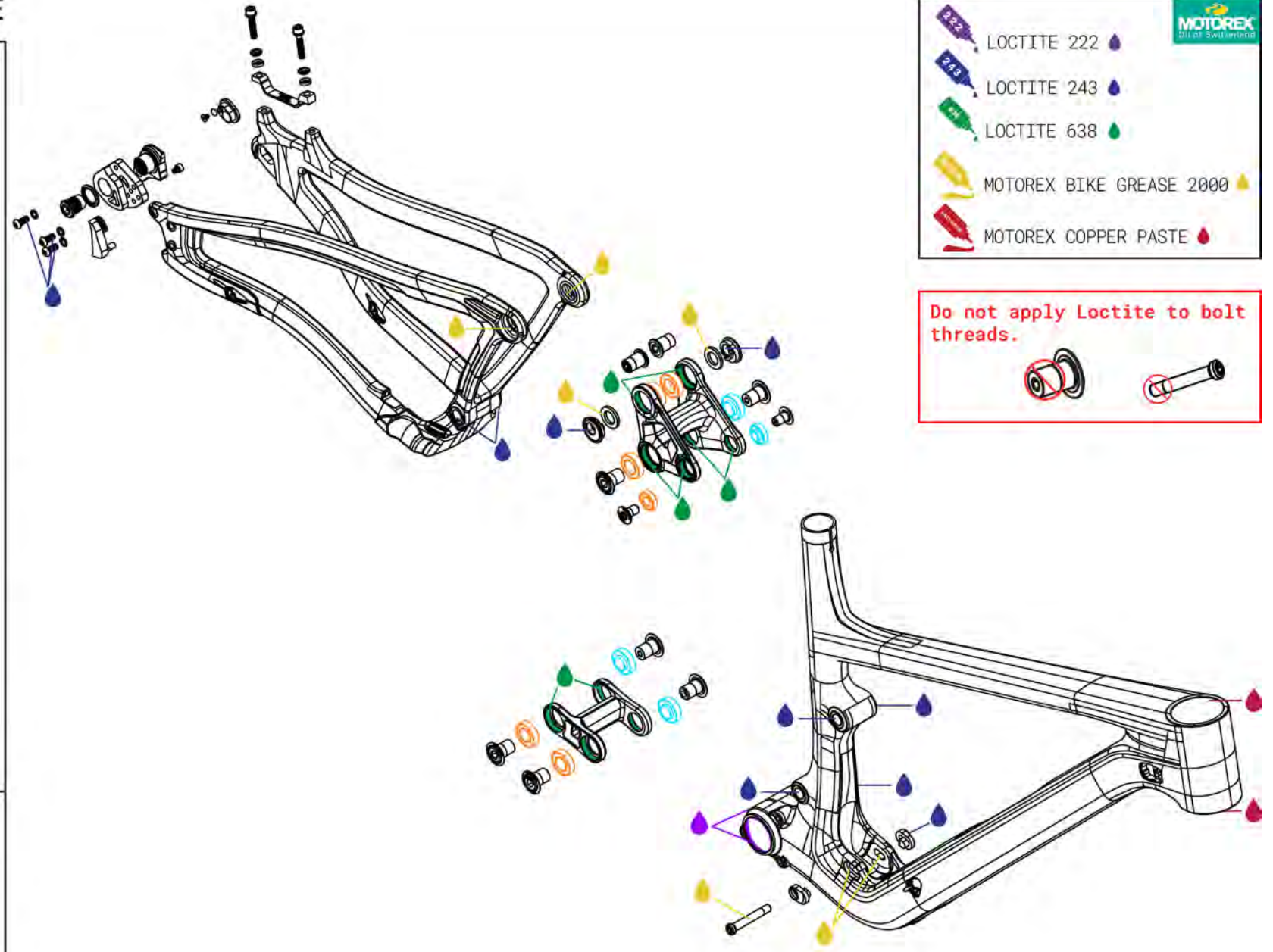
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# Firebird

## F9CV5 FRAME ASSEMBLY REFERENCE

- Before any re-assembly clean all surfaces of any dried loctite, dirt, or grease.
- Clean all surfaces with isopropyl alcohol and let dry before assembling.
- Apply Loctite 638 or an equivalent to all bearing pocket when installing bearings. Use a round wooden toothpick to spread the material evenly around the pocket before installing the bearing.
- Press fit bearings are installed during pre-assembly and are shown in **orange**. Slip fit bearings are installed during frame assembly and are shown in **light blue**.
- Apply Loctite 243 or an equivalent to the female threads of the frame, link, or shock, not on the bolt threads. Use a round wooden toothpick to spread the material evenly around the threads.
- Apply Motorex Bike Grease 2000 to the flip chip steel washers, the flip chip pockets and the shaft of the lower shock bolt. Do not grease the shock bolt threads.
- Clean any excess Loctite with a towel and isopropyl alcohol to prevent finish damage.
- Apply Loctite 222 or an equivalent to the inner diameter of the bottom bracket shell before installing BB cups.
- Apply Motorex Copper Paste to inner diameter of headtube before installing headset cups.
- Follow the Swinger UDH Dropout setup for the short or long position, then refer to your drivetrain setup.

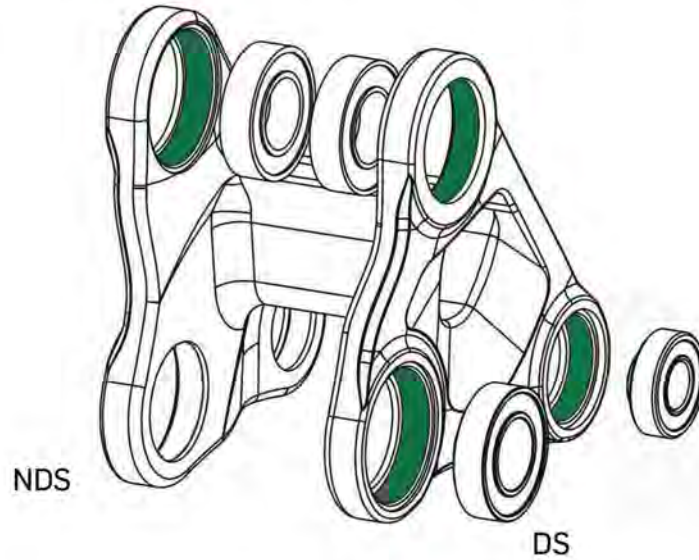


	LOCTITE 222		
	LOCTITE 243		
	LOCTITE 638		
	MOTOREX BIKE GREASE 2000		
	MOTOREX COPPER PASTE		

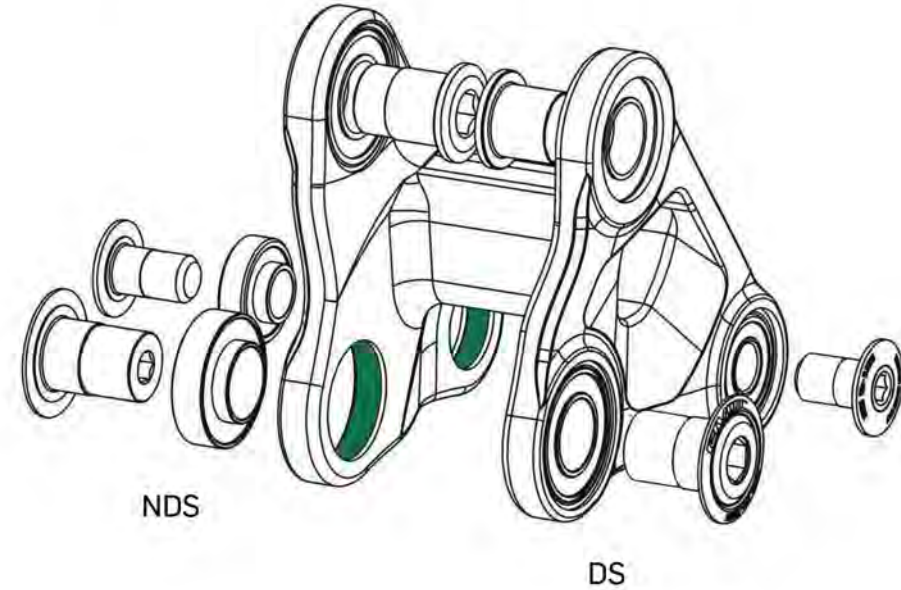
Do not apply Loctite to bolt threads.


Endurobearings	PART NUMBER	QTY
28mm 6902 Extended	FP-BRG-6902-LLUMAXECN	6
28mm 6902 Standard	FP-BRG-6902-LLUMAX	2
22mm 6900 Extended	FP-BRG-6900-LLUMAXE	2

## Pre-Assembly Procedures



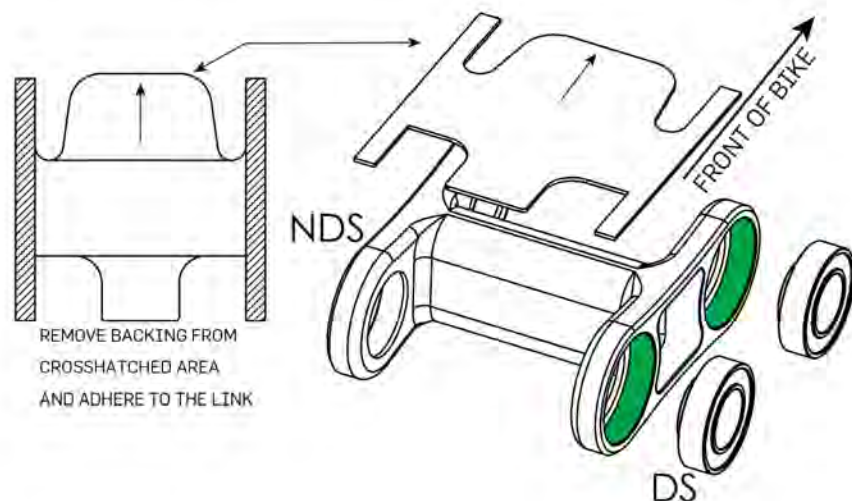
## Frame Assembly Procedures



<p><b>PART NUMBERS:</b></p> <p>LINK: FP-LNK-UL-70MM-V3-R1</p> <p>BEARINGS: FP-BRG-6902-LLUMAXECN FP-BRG-6902-LLUMAX FP-BRG-6900-LLUMAXE</p> <p>BOLTS: FP-BLT-M14*20-BLK-V2-R2 FP-BLT-M14*20-BLK-V3-R2 FP-BLT-M10*16.5-BLK-V1</p> <p>SPACERS: FP-WSH-SPC-15I*250*3W</p> <p>FLIP CHIPS: FP-NUT-FLIPCHIP-4.6MM-V1</p>	<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>-Use <b>loctite #638</b> or equivalent on all bearing pockets before assembling to frame Spread evenly around the bearing pocket with a round wooden toothpick</li> <li>-Use <b>loctite #243</b> or equivalent on <b>frame threads</b> for each bolt during frame assembly Spread evenly around the female frame threads with a round wooden toothpick</li> <li>-All bearings installed during pre-assembly are press fit</li> <li>-All bearings installed during frame assembly are slip fit</li> <li>-After assembly clean any excess loctite from the bearings, links, and frame</li> <li>-After completing the link pre-assembly procedure, align the link with the Frame and install drive side bolts and torque to spec.</li> <li>-For Frame assembly, install non-drive side bearings and bolts then torque to spec.</li> </ul>	<p><b>Do not apply Loctite to bolt threads.</b></p>  <p><b>PIVOT CYCLES</b></p> <p>The information contained in this drawing is the sole property of Pivot cycles and is not to be released without prior written approval.</p>
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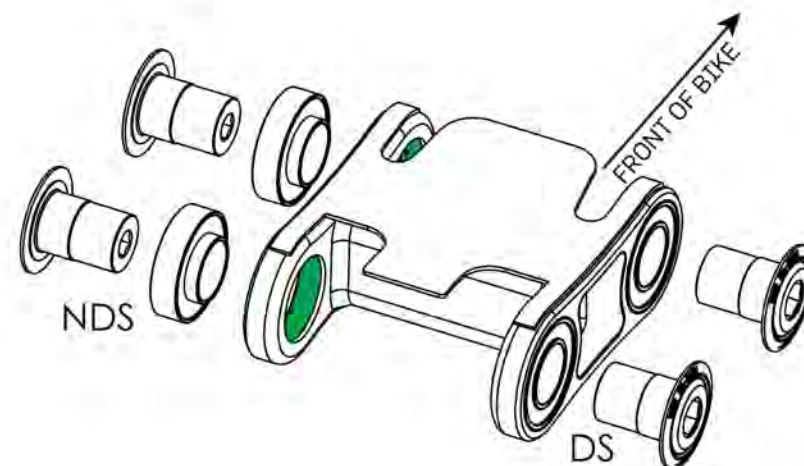
## Pre-Assembly Reference

All Bearings Installed During Pre-Assembly Are Press Fit (Drive Side)



## Frame Assembly Reference

All Bearings Installed During Frame Assembly Are Slip Fit (Non-Drive Side)

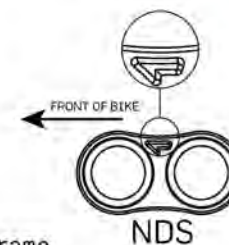


### PART NUMBERS:

Lower Link: FP-LNK-LL-55MM-V3-R1  
 Lower Link Protector: FP-PRO-55MM-LL-V1-R1  
 Bearings: FP-BRG-6902-LLUMAXECN  
 Bolts: FP-BLT-M14\*20-BLK-V2-R2

### Notes:

- Lower links are marked with an arrow on the non-drive side. The link should be oriented where the arrow points to the front triangle.
- The larger flap on the lower link protector faces forward to the seat tube.
- Use **loctite #638** or equivalent on all bearing pockets before assembling to frame  
**Tip:** spread evenly around bearing pocket with a round wooden toothpick
- Use **loctite #243** or equivalent on **frame threads** for each bolt during frame assembly  
**Tip:** spread evenly around the female frame threads with a round wooden toothpick



Do not apply Loctite to bolt threads.



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## F9CV3 FRAME ASSEMBLY REFERENCE

-Before any re-assembly clean all surfaces of any dried loctite, dirt, or grease.

-Clean all surfaces with isopropyl alcohol and let dry before assembling.

-Apply Loctite 638 or an equivalent to all bearing pocket when installing bearings. Use a round wooden toothpick to spread the material evenly around the pocket before installing the bearing.

-Press fit bearings are installed during pre-assembly and are shown in **orange**. Slip fit bearings are installed during frame assembly and are shown in **light blue**.

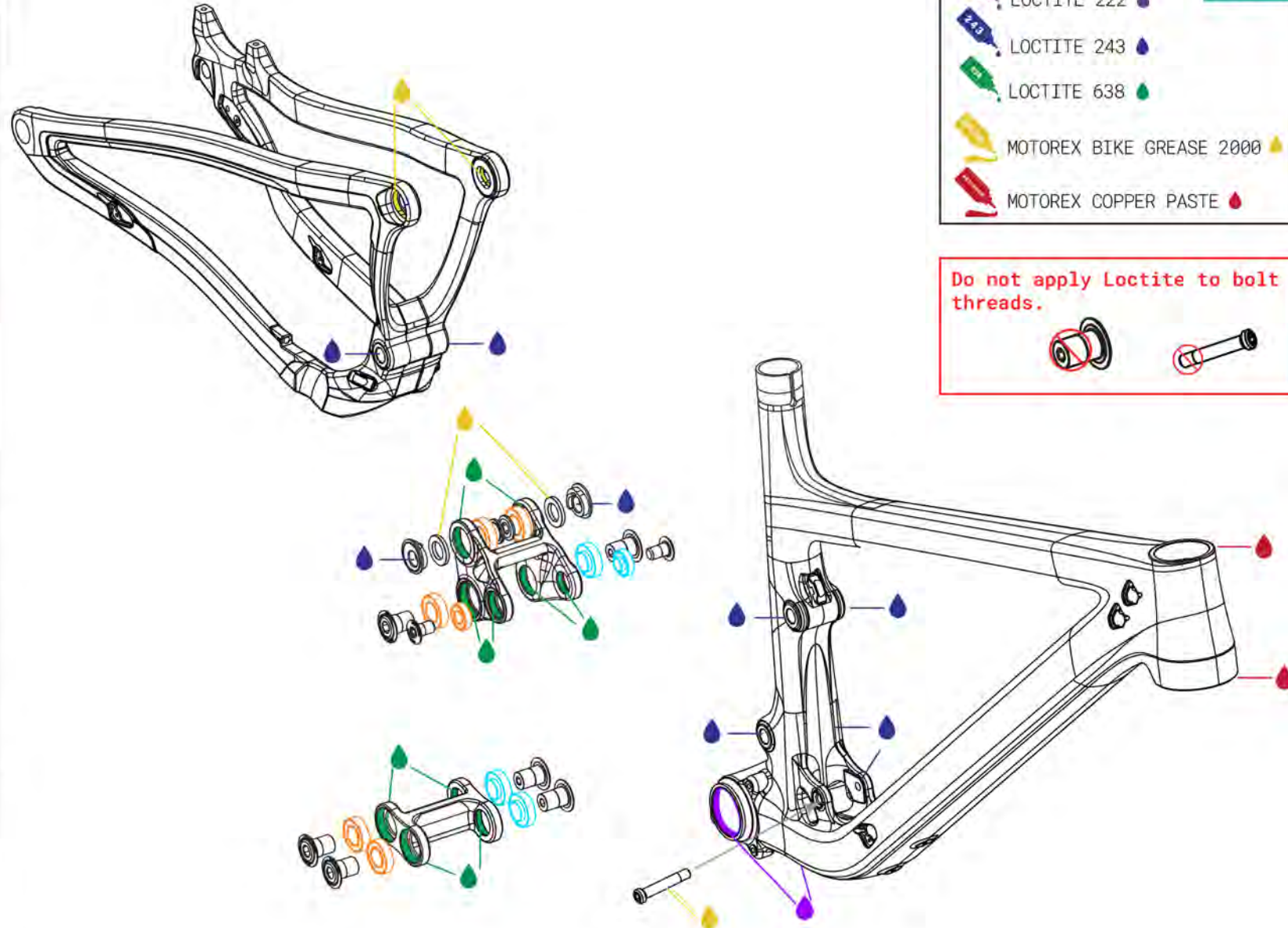
-Apply Loctite 243 or an equivalent to the female threads of the frame, link, or shock, not on the bolt threads. Use a round wooden toothpick to spread the material evenly around the threads.

-Apply Motorex Bike Grease 2000 to the flip chip steel washers, the flip chip pockets and the shaft of the lower shock bolt. Do not grease the shock bolt threads.

-Clean any excess Loctite with a towel and isopropyl alcohol to prevent finish damage.

-Apply Loctite 222 or an equivalent to the inner diameter of the bottom bracket shell before installing BB cups.

-Apply Motorex Copper Paste to inner diameter of headtube before installing headset cups.

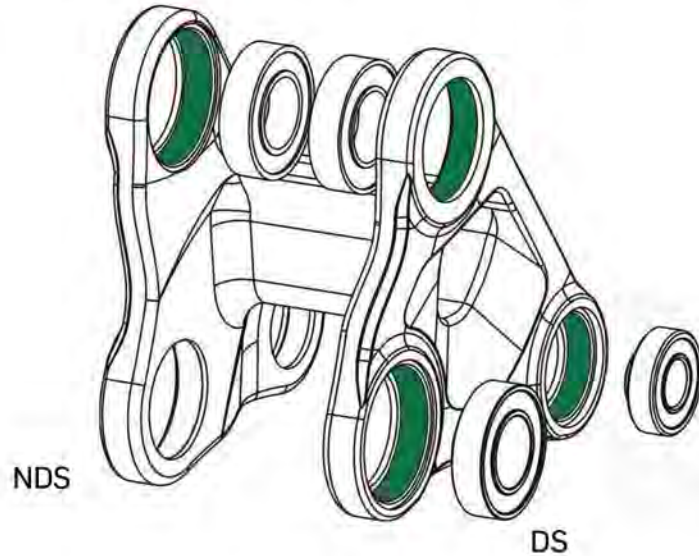


	LOCTITE 222	
	LOCTITE 243	
	LOCTITE 638	
	MOTOREX BIKE GREASE 2000	
	MOTOREX COPPER PASTE	

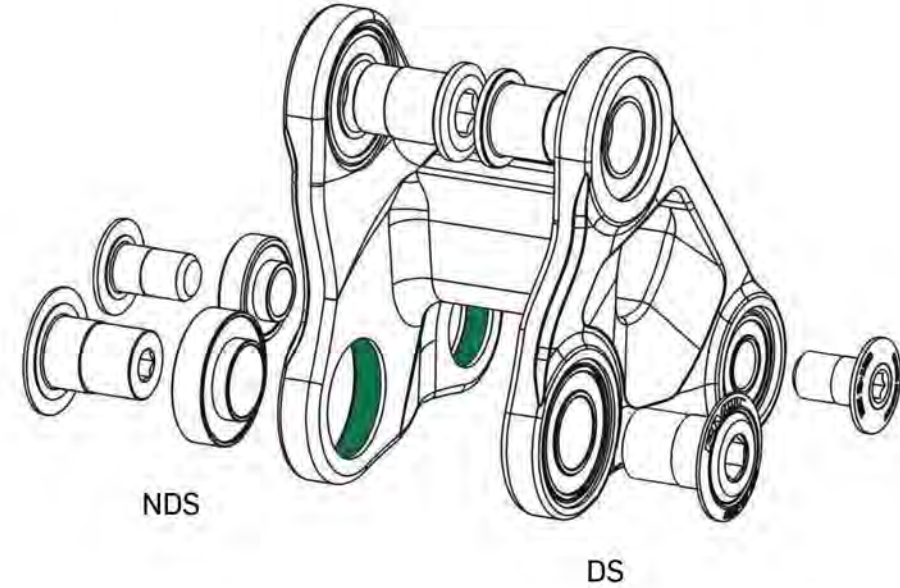
**Do not apply Loctite to bolt threads.**


Endurobearings	PART NUMBER	QTY
28mm 6902 Extended	FP-BRG-6902-LLUMAXECN	6
28mm 6902 Standard	FP-BRG-6902-LLUMAX	2
22mm 6900 Extended	FP-BRG-6900-LLUMAXE	2

## Pre-Assembly Procedures



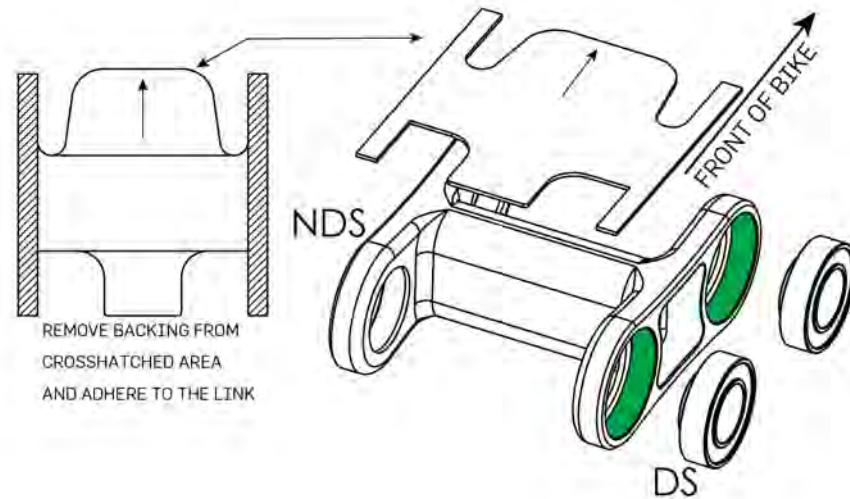
## Frame Assembly Procedures



<p><b>PART NUMBERS:</b></p> <p>LINK: FP-LNK-UL-70MM-V2-R1</p> <p>BEARINGS: FP-BRG-6902-LLUMAXECN FP-BRG-6902-LLUMAX FP-BRG-6900-LLUMAXE</p> <p>BOLTS: FP-BLT-M14*20-BLK-V2-R2 FP-BLT-M14*20-BLK-V3-R2 FP-BLT-M10*16.5-BLK-V1</p> <p>SPACERS: FP-WSH-SPC-15I*250*3W</p> <p>FLIP CHIPS: FP-NUT-FLIPCHIP-4.6MM-V1</p>	<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>-Use <b>loctite #638</b> or equivalent on all bearing pockets before assembling to frame Spread evenly around the bearing pocket with a round wooden toothpick</li> <li>-Use <b>loctite #243</b> or equivalent on <b>frame threads</b> for each bolt during frame assembly Spread evenly around the female frame threads with a round wooden toothpick</li> <li>-All bearings installed during pre-assembly are press fit</li> <li>-All bearings installed during frame assembly are slip fit</li> <li>-After assembly clean any excess loctite from the bearings, links, and frame</li> <li>-After completing the link pre-assembly procedure, align the link with the Frame and install drive side bolts and torque to spec.</li> <li>-For Frame assembly, install non-drive side bearings and bolts then torque to spec.</li> </ul>	<p><b>Do not apply Loctite to bolt threads.</b></p>  <p><b>PIVOT CYCLES</b></p> <p>The information contained in this drawing is the sole property of Pivot cycles and is not to be released without prior written approval.</p>
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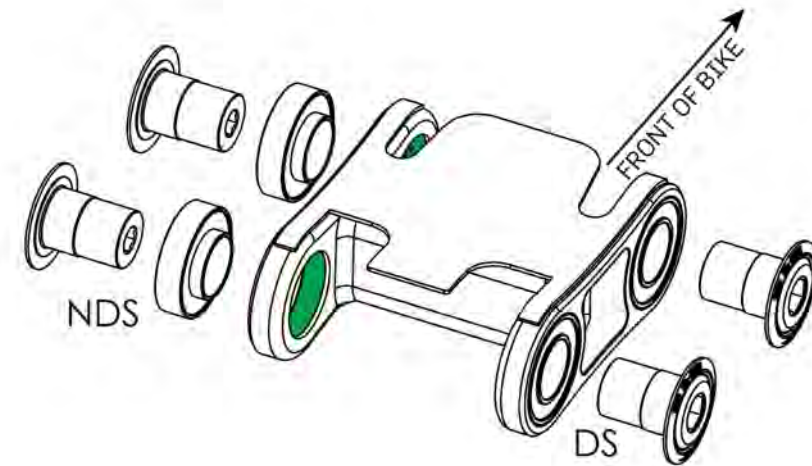
## Pre-Assembly Reference

All Bearings Installed During Pre-Assembly Are Press Fit (Drive Side)



## Frame Assembly Reference

All Bearings Installed During Frame Assembly Are Slip Fit (Non-Drive Side)

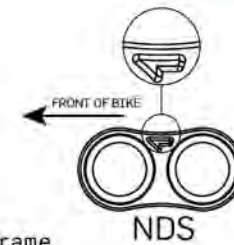


### PART NUMBERS:

Lower Link: FP-LNK-LL-55MM-V3-R1  
 Lower Link Protector: FP-PRO-55MM-LL-V1-R1  
 Bearings: FP-BRG-6902-LLUMAXECN  
 Bolts: FP-BLT-M14\*20-BLK-V2-R2

### Notes:

- Lower links are marked with an arrow on the non-drive side. The link should be oriented where the arrow points to the front triangle.
- The larger flap on the lower link protector faces forward to the seat tube.
- Use **loctite #638** or equivalent on all bearing pockets before assembling to frame  
**Tip:** spread evenly around bearing pocket with a round wooden toothpick
- Use **loctite #243** or equivalent on **frame threads** for each bolt during frame assembly  
**Tip:** spread evenly around the female frame threads with a round wooden toothpick



Do not apply Loctite to bolt threads.



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# Mach 4 SL

## 4SLV3 FRAME ASSEMBLY REFERENCE

-Before any re-assembly clean all surfaces of any dried loctite, dirt, or grease.

-Clean all surfaces with isopropyl alcohol and let dry before assembling.

-Apply Loctite 638 or an equivalent to all bearing pocket when installing bearings. Use a round wooden toothpick to spread the material evenly around the pocket before installing the bearing.

-Press fit bearings are installed during pre-assembly and are shown in **orange**. Slip fit bearings are installed during frame assembly and are shown in **light blue**.

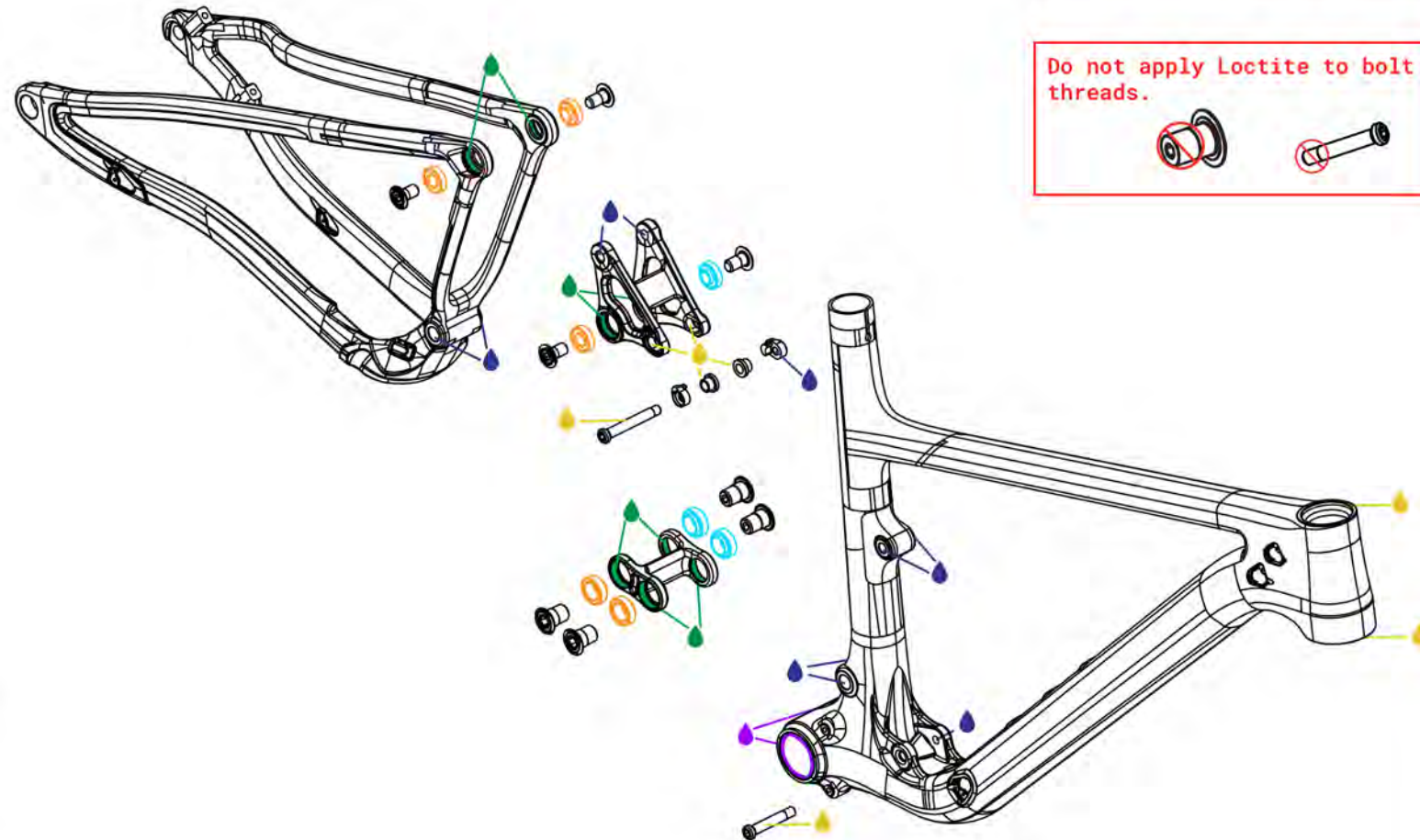
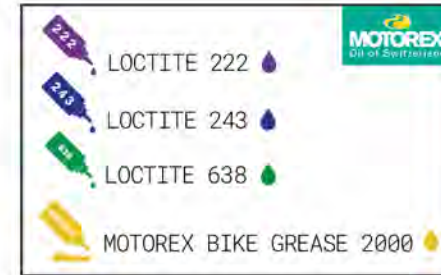
-Apply Loctite 243 or an equivalent to the female threads of the frame, link, or flip chip, not on the bolt threads. Use a round wooden toothpick to spread the material evenly around the threads.

-Apply Motorex Bike Grease 2000 to the flip chip pockets and spacers.

-Apply Motorex Bike Grease 2000 to the shaft of the upper and lower shock bolts, but do not grease the threads. The threads need to remain clean for the Loctite 243.

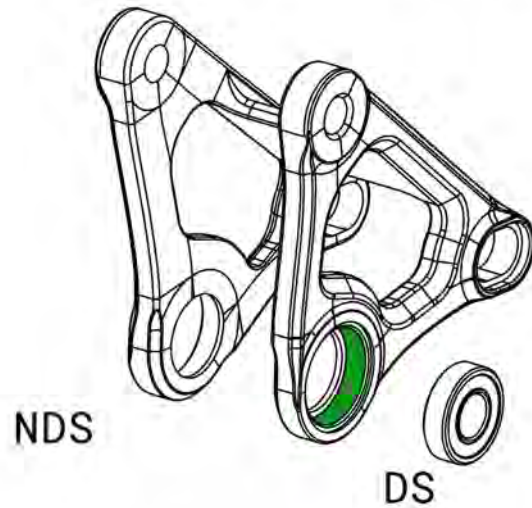
-Clean any excess Loctite with a towel and isopropyl alcohol to prevent finish damage.

-Apply Loctite 222 or an equivalent to the inner diameter of the bottom bracket shell before installing BB cups.

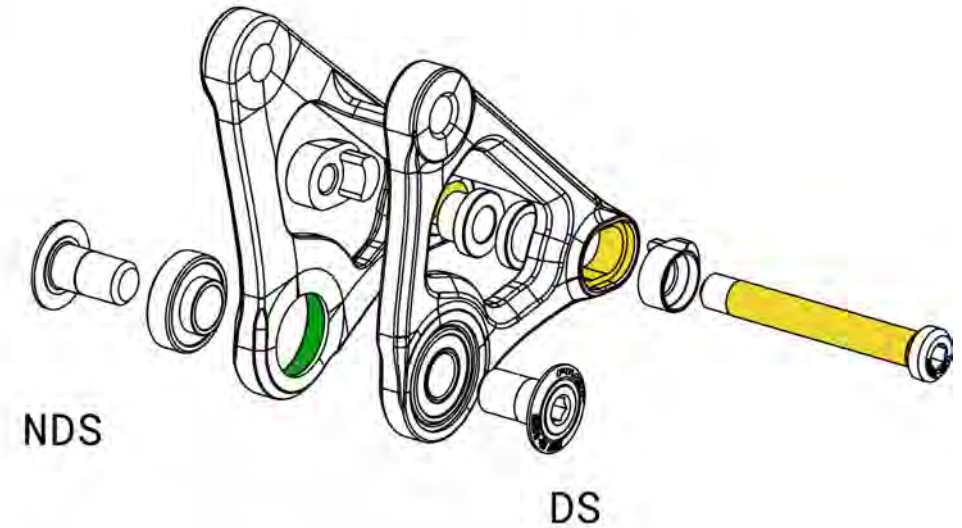



Endurobearings	PART NUMBER	QTY
24mm 3802 Extended	FP-BRG-3802-LLUMAXECN	4
22mm 6900 Extended	FP-BRG-6900-LLUMAXE	4

Pre-Assembly Procedures



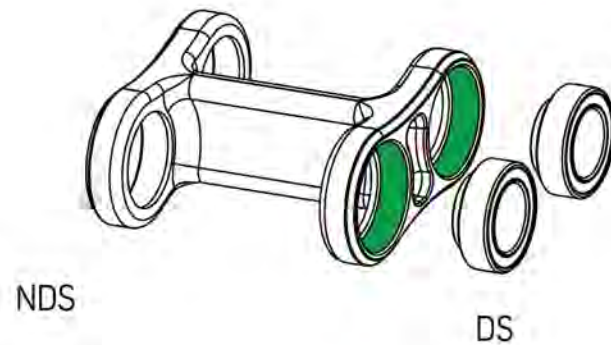
Frame Assembly Procedures



<p><b>PART NUMBERS:</b></p> <p>LINK: FP-LNK-UL-66.4MM-V1-R1</p> <p>BEARINGS: FP-BRG-6900-LLUMAXE</p> <p>BOLTS: FP-BLT-M10*I8-BLK-V1-R2</p> <p>          FP-BLT-M8*57.3-BLK-V1-R1</p> <p>SPACERS: FP-SPC-UL-FLIPCHIP-V1-R1</p> <p>FLIP CHIPS: FP-NUT-UL-FLIPCHIP-DS-V1-R1</p> <p>              FP-NUT-UL-FLIPCHIP-NDS-V1-R1</p>	<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>-Use <b>loctite #638</b> or equivalent on all bearing pockets before assembling to frame Spread evenly around the bearing pocket with a round wooden toothpick</li> <li>-Use <b>loctite #243</b> or equivalent on <b>frame threads</b> for each bolt during frame assembly Spread evenly around the female frame threads with a round wooden toothpick</li> <li>-Use <b>Motors bike grease 2000</b> or equivalent waterproof grease on the shock pin and flip chip pockets</li> <li>-All bearings installed during pre-assembly are press fit</li> <li>-All bearings installed during frame assembly are slip fit</li> <li>-After assembly clean any excess loctite from the bearings, links, and frame</li> <li>-After completing the link pre-assembly procedure, align the link with the Frame and install drive side bolts and torque to spec.</li> <li>-For Frame assembly, install non-drive side bearings and bolts then torque to spec.</li> </ul>	<p><b>Do not apply Loctite to bolt threads.</b></p>  <p><b>PIVOT CYCLES</b></p> <p>The information contained in this drawing is the sole property of Pivot cycles and is not to be released without prior written approval.</p>
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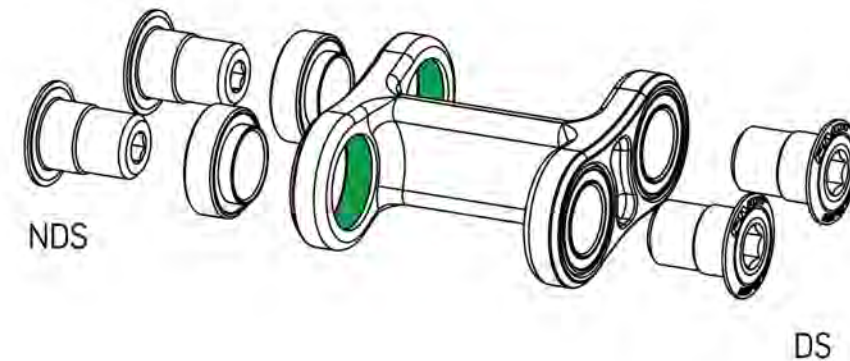
## Pre-Assembly Reference

All Bearings Installed During Pre-Assembly Are Press Fit (Drive Side)



## Frame Assembly Reference

All Bearings Installed During Frame Assembly Are Slip Fit (Non-Drive Side)



### PART NUMBERS:

Lower Link: FP-LNK-LL-34MM-V1-R1  
 LL Protector: FP-PRO-34MM-LL-V1-R2  
 Bearings: FP-BRG-3802-LLUMAXECN  
 Bolts: FP-BLT-M14\*20-BLK-V1-R2

### Notes:

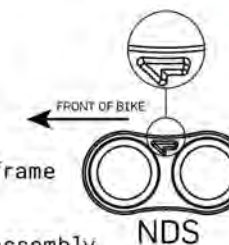
- Lower links are marked with an arrow on the non-drive side.  
 The link should be oriented where the arrow points to the front triangle.

-Use **loctite #638** or equivalent on all bearing pockets before assembling to frame

**Tip:** spread evenly around bearing pocket with a round wooden toothpick

-Use **loctite #243** or equivalent on **frame threads** for each bolt during frame assembly

**Tip:** spread evenly around the female frame threads with a round wooden toothpick



**Do not apply Loctite to bolt threads.**



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## 4SLV1-V2 FRAME ASSEMBLY REFERENCE

-Before any re-assembly clean all surfaces of any dried loctite, dirt, or grease.

-Clean all surfaces with isopropyl alcohol and let dry before assembling.

-Apply Loctite 638 or an equivalent to all bearing pocket when installing bearings. Use a round wooden toothpick to spread the material evenly around the pocket before installing the bearing.

-Press fit bearings are installed during pre-assembly and are shown in **orange**. Slip fit bearings are installed during frame assembly and are shown in **light blue**.

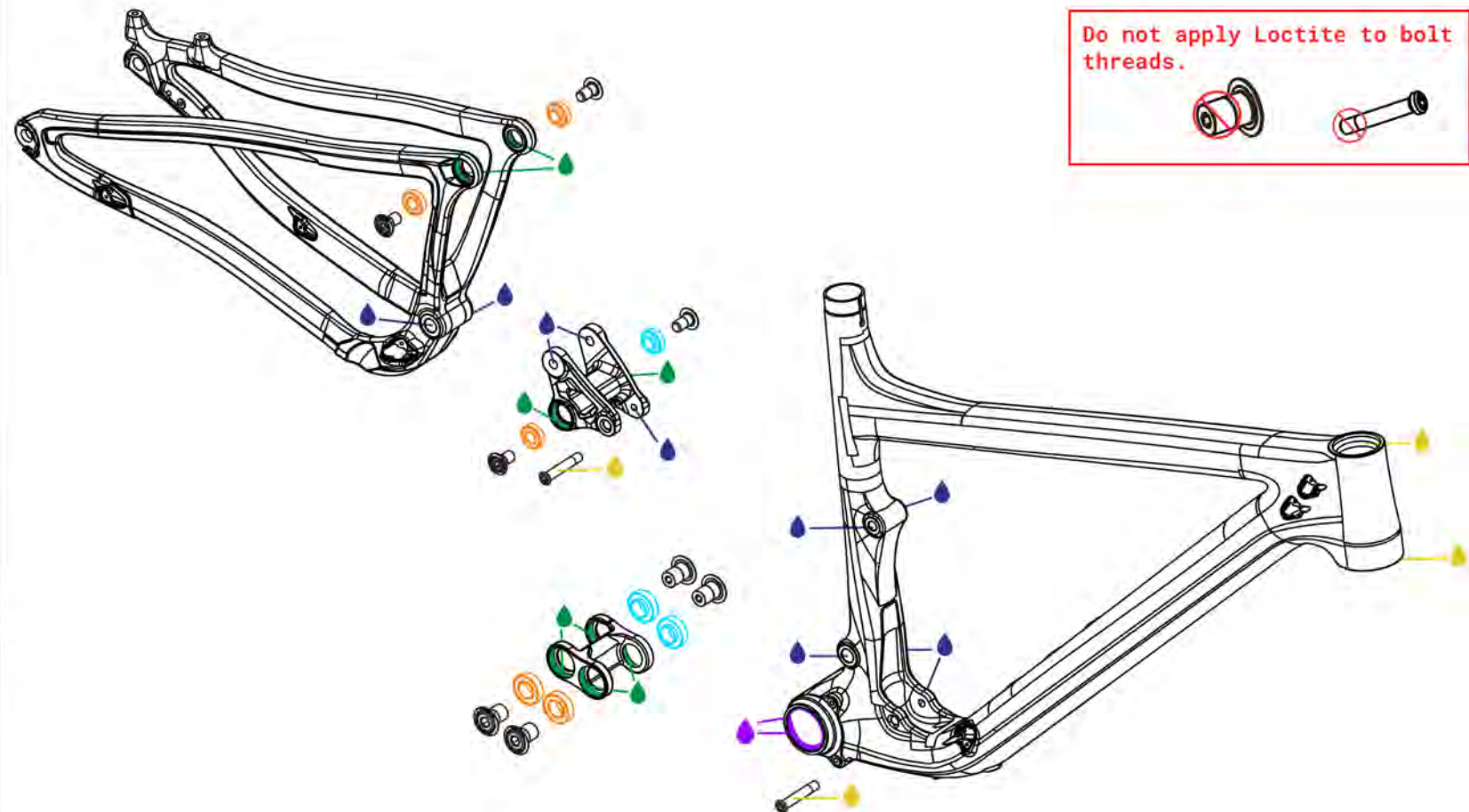
-Apply Loctite 243 or an equivalent to the female threads of the frame or link not on the bolt threads. Use a round wooden toothpick to spread the material evenly around the threads.

-Apply Motorex Bike Grease 2000 to the shafts of the shock bolts. Do not grease the shock bolt threads.

-Clean any excess Loctite with a towel and isopropyl alcohol to prevent finish damage.

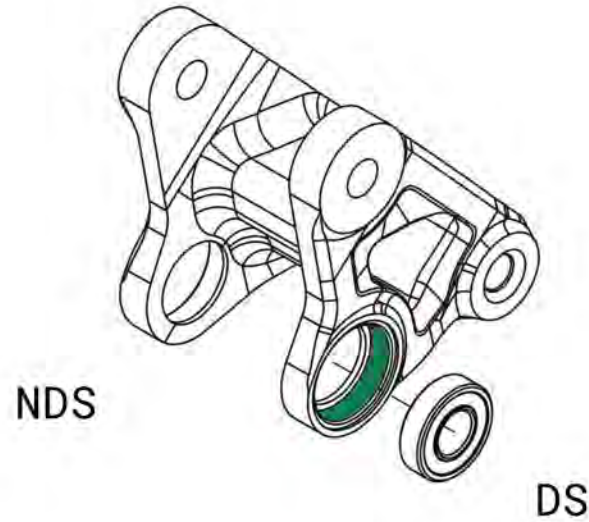
-Apply Loctite 222 or an equivalent to the inner diameter of the bottom bracket shell before installing BB cups.

-Apply Motorex Bike Grease 2000 to the integrated headset cups before installing the headset bearings.

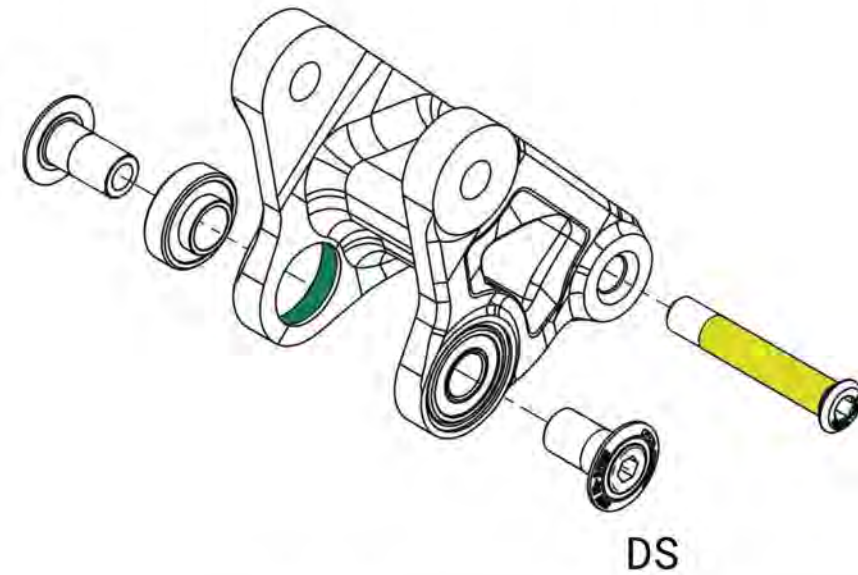



Endurobearings	PART NUMBER	QTY
28mm 6902 Extended	FP-BRG-6902-LLUMAXECN	4
22mm 6900 Extended	FP-BRG-6900-LLUMAXE	4

Pre-Assembly Procedures



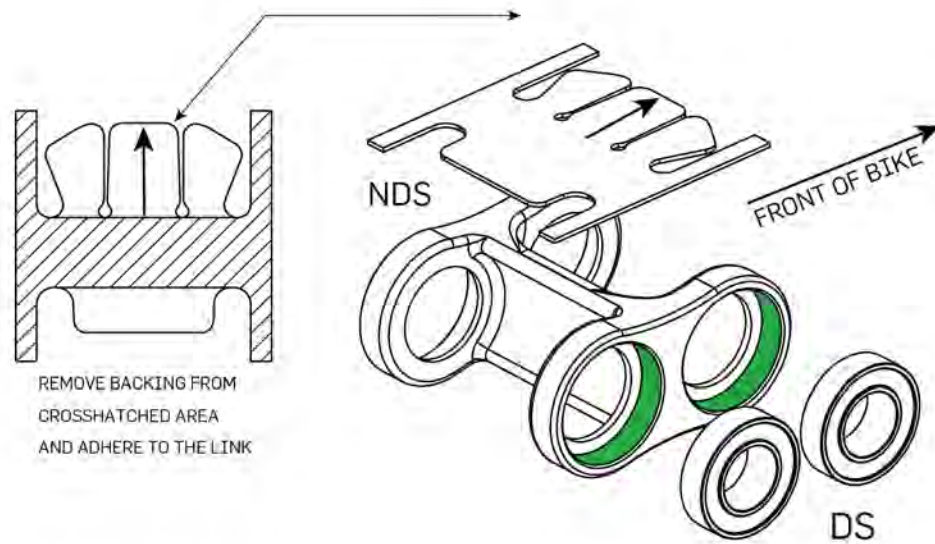
Frame Assembly Procedures



<p><b>PART NUMBERS:</b></p> <p>LINK: FP-LNK-UL-51MM-V1-R1</p> <p>BEARINGS: FP-BRG-6900-LLUMAXE</p> <p>BOLTS: FP-BLT-M10*I8-BLK-V1-R2 FP-BLT-M8*45.7-BLK-V2</p>	<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>-Use <b>loctite #638</b> or equivalent on all bearing pockets before assembling to frame Spread evenly around the bearing pocket with a round wooden toothpick</li> <li>-Use <b>loctite #243</b> or equivalent on <b>frame threads</b> for each bolt during frame assembly Spread evenly around the female frame threads with a round wooden toothpick</li> <li>-Use <b>Motorex Bike grease 2000</b> or equivalent waterproof grease on the shock pin and flip chip pockets</li> <li>-All bearings installed during pre-assembly are press fit</li> <li>-All bearings installed during frame assembly are slip fit</li> <li>-After assembly clean any excess loctite from the bearings, links, and frame</li> <li>-After completing the link pre-assembly procedure, align the link with the Frame and install drive side bolts and torque to spec.</li> <li>-For Frame assembly, install non-drive side bearings and bolts then torque to spec.</li> </ul>	<p><b>Do not apply Loctite to bolt threads.</b></p>  <p><b>PIVOT CYCLES</b></p> <p>The information contained in this drawing is the sole property of Pivot cycles and is not to be released without prior written approval.</p>
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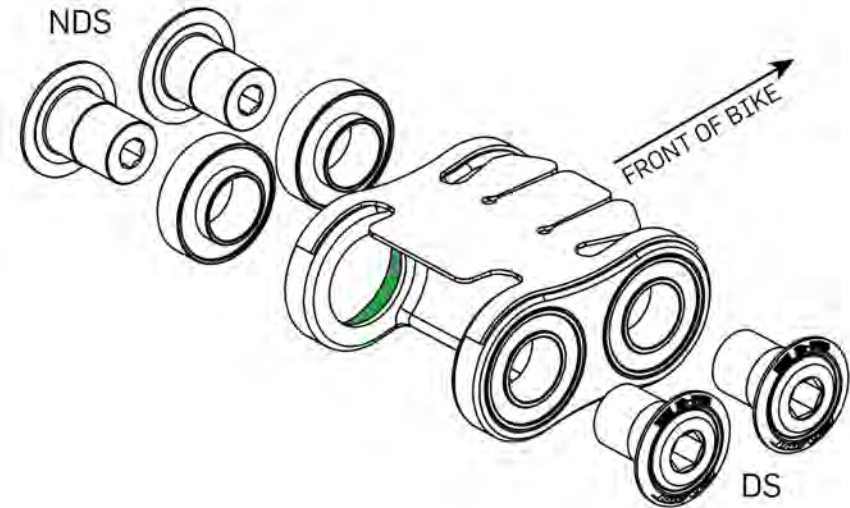
Pre-Assembly Reference

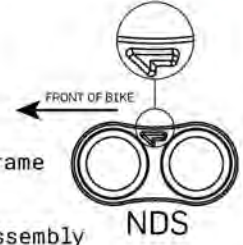


All Bearings Installed During Pre-Assembly Are Press Fit (Drive Side)



Frame Assembly Reference

All Bearings Installed During Frame Assembly Are Slip Fit (Non-Drive Side)



<p><b>PART NUMBERS:</b></p> <p>Lower Link: FP-LNK-LL-BLK-V3-R1                  LL Protector: FP-PRO-34MM-LL-V2-R1                  Bearings: FP-BRG-6902-LLUMAXECN                  Bolts: FP-BLT-M14*20-BLK-V2-R2</p>	<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>- Lower links are marked with an arrow on the non-drive side. The link should be oriented where the arrow points to the front triangle.</li> <li>-Use <b>loctite #638</b> or equivalent on all bearing pockets before assembling to frame</li> <li><b>Tip:</b> spread evenly around bearing pocket with a round wooden toothpick</li> <li>-Use <b>loctite #243</b> or equivalent on <b>frame threads</b> for each bolt during frame assembly</li> <li><b>Tip:</b> spread evenly around the female frame threads with a round wooden toothpick</li> </ul> 	<p><b>Do not apply Loctite to bolt threads.</b></p>   <p>The information contained in this drawing is the sole property of Pivot cycles and is not to be released without prior written approval.</p>
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## 55CV1 FRAME ASSEMBLY REFERENCE

-Before any re-assembly clean all surfaces of any dried loctite, dirt, or grease.

-Clean all surfaces with isopropyl alcohol and let dry before assembling.

-Apply Loctite 638 or an equivalent to all bearing pocket when installing bearings. Use a round wooden toothpick to spread the material evenly around the pocket before installing the bearing.

-Press fit bearings are installed during pre-assembly and are shown in **orange**. Slip fit bearings are installed during frame assembly and are shown in **light blue**.

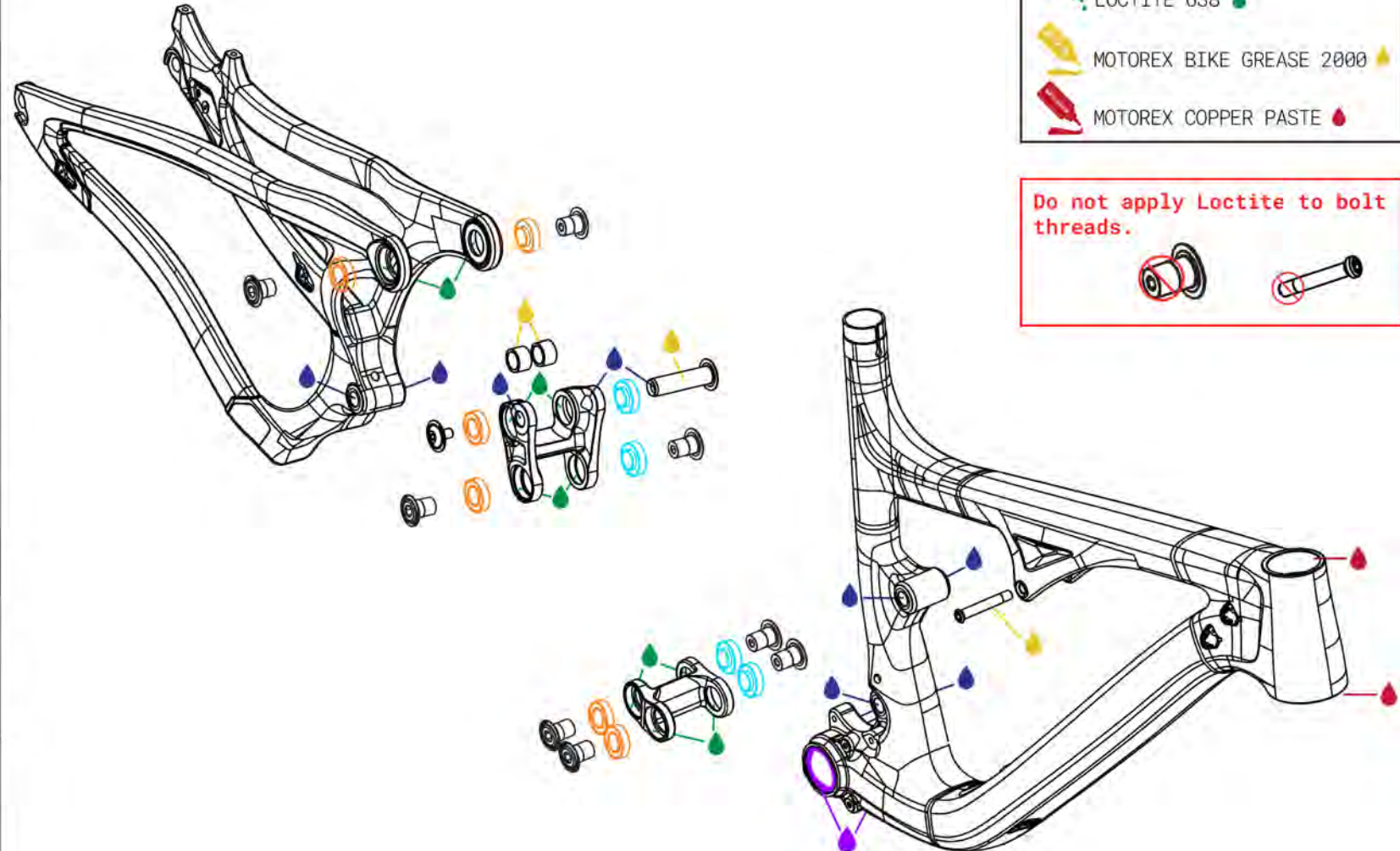
-Apply Loctite 243 or an equivalent to the female threads of the frame or link not on the bolt threads. Use a round wooden toothpick to spread the material evenly around the threads.

-Clean any excess Loctite with a towel and isopropyl alcohol to prevent finish damage.

-Apply Motorex Bike Grease 2000 to the shaft of the rear shock pin and spacers. Also apply to the front shock bolt.

-Apply Loctite 222 or an equivalent to the inner diameter of the bottom bracket shell before installing BB cups.

-Apply Motorex Copper Paste to inner diameter of headtube before installing headset cups.

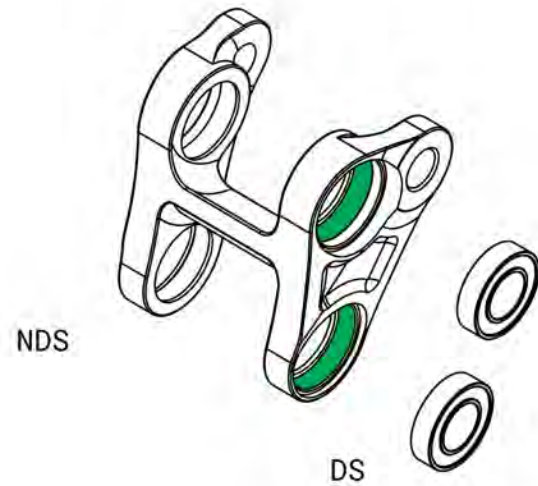


	LOCTITE 222		
	LOCTITE 243		
	LOCTITE 638		
	MOTOREX BIKE GREASE 2000		
	MOTOREX COPPER PASTE		

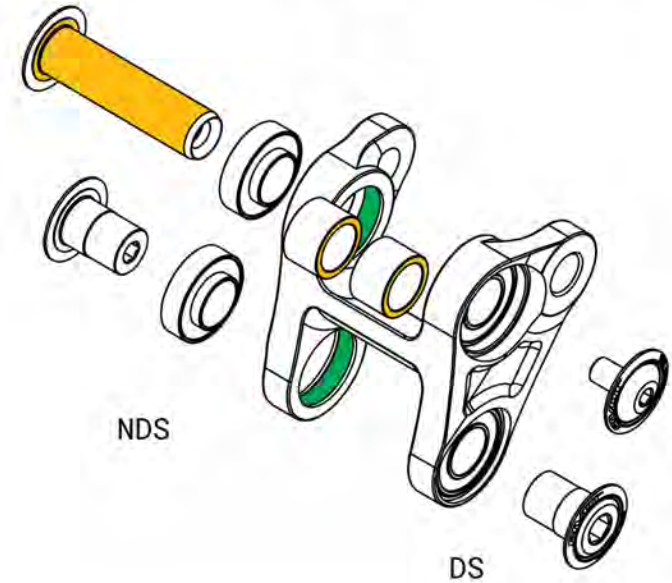
**Do not apply Loctite to bolt threads.**



Endurobearings	PART NUMBER	QTY
28mm 6902 Extended	FP-BRG-6902-LLUMAXECN	1   0

Pre-Assembly Procedures



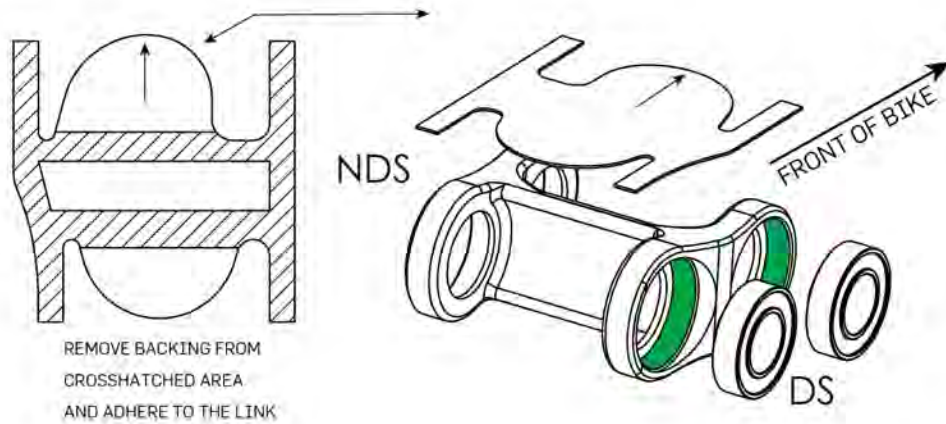
Frame Assembly Procedures



<p><b>PART NUMBERS:</b></p> <p>LINK: FP-LNK-UL-60MM-DSM-V2</p> <p>BEARINGS: FP-BRG-6902-LLUMAXECN</p> <p>BOLTS: FP-PIN-SHK-M8*150-BLK FP-BLT-M8*12-BLK FP-BLT-M14*20-BLK-V2</p> <p>SPACERS: FP-WSH-SPC-M15*13</p>	<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>-Use <b>loctite #638</b> or equivalent on all bearing pockets before assembling to frame Spread evenly around the bearing pocket with a round wooden toothpick</li> <li>-Use <b>loctite #243</b> or equivalent on <b>frame threads</b> for each bolt during frame assembly Spread evenly around the female frame threads with a round wooden toothpick</li> <li>-Use <b>Motorex bike grease 2000</b> or equivalent waterproof grease on the shock pin and spacers</li> <li>-All bearings installed during pre-assembly are press fit</li> <li>-All bearings installed during frame assembly are slip fit</li> <li>-After assembly clean any excess loctite from the bearings, links, and frame</li> <li>-After completing the link pre-assembly procedure, align the link with the Frame and install drive side bolts and torque to spec.</li> </ul>	<p><b>Do not apply Loctite to bolt threads.</b></p>  <p></p> <p>The information contained in this drawing is the sole property of Pivot cycles and is not to be released without prior written approval.</p>
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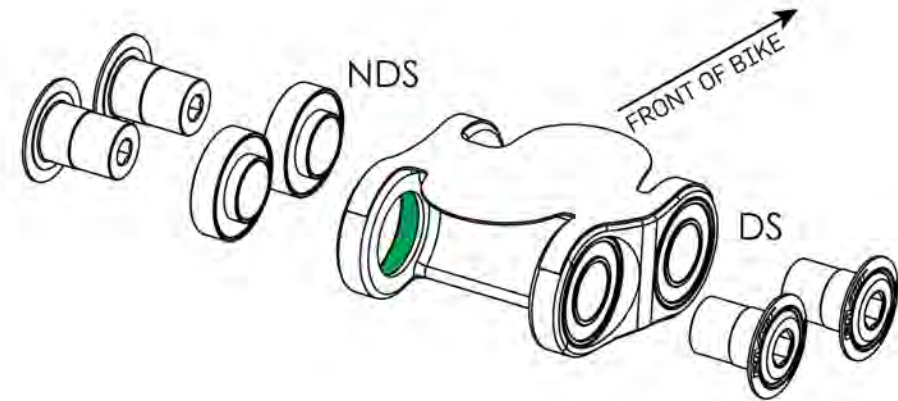
Pre-Assembly Reference

All Bearings Installed During Pre-Assembly Are Press Fit (Drive Side)



Frame Assembly Reference

All Bearings Installed During Frame Assembly Are Slip Fit (Non-Drive Side)



PART NUMBERS:

Lower Link: FP-LNK-LL-BLK-V4-R1  
 LL Protector: FP-PRO-34MM-LL-V1-R1  
 Bearings: FP-BRG-6902-LLUMAXECN  
 Bolts: FP-BLT-M14\*20-BLK-V2-R2

Notes:

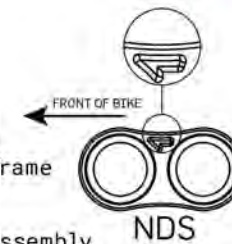
- Lower links are marked with an arrow on the non-drive side.  
 The link should be oriented where the arrow points to the front triangle.

-Use **loctite #638** or equivalent on all bearing pockets before assembling to frame

**Tip:** spread evenly around bearing pocket with a round wooden toothpick

-Use **loctite #243** or equivalent on **frame threads** for each bolt during frame assembly

**Tip:** spread evenly around the female frame threads with a round wooden toothpick



Do not apply Loctite to bolt threads.



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## M6CV4 FRAME ASSEMBLY REFERENCE

-Before any re-assembly clean all surfaces of any dried loctite, dirt, or grease.

-Clean all surfaces with isopropyl alcohol and let dry before assembling.

-Apply Loctite 638 or an equivalent to all bearing pocket when installing bearings. Use a round wooden toothpick to spread the material evenly around the pocket before installing the bearing.

-Press fit bearings are installed during pre-assembly and are shown in **orange**. Slip fit bearings are installed during frame assembly and are shown in **light blue**.

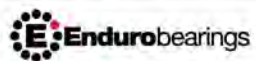
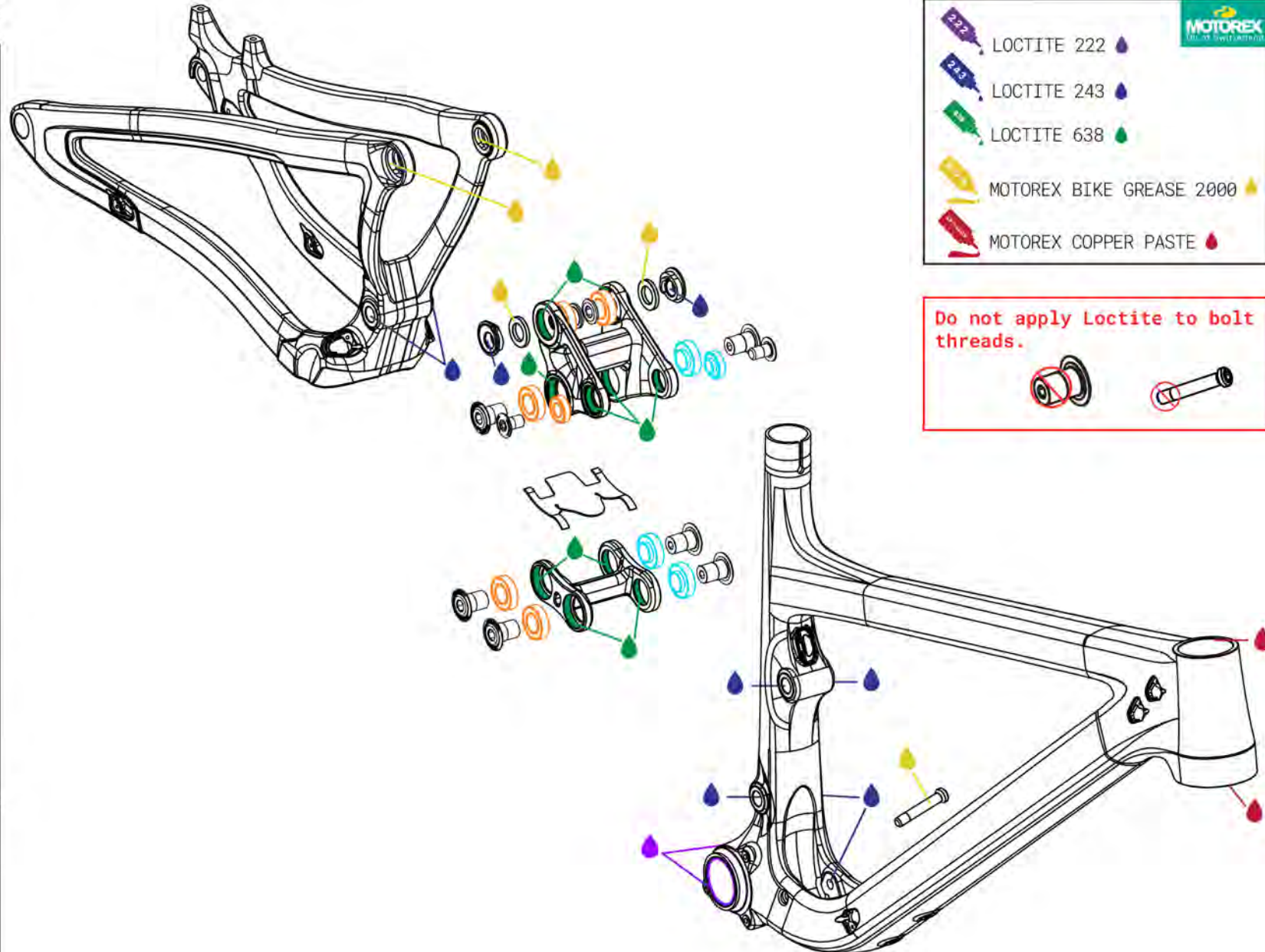
-Apply Loctite 243 or an equivalent to the female threads of the frame, link, or shock, not on the bolt threads. Use a round wooden toothpick to spread the material evenly around the threads.

-Apply Motorex Bike Grease 2000 to the flip chip steel washers, the flip chip pockets and the shaft of the lower shock bolt. Do not grease the shock bolt threads.

-Clean any excess Loctite with a towel and isopropyl alcohol to prevent finish damage.

-Apply Loctite 222 or an equivalent to the inner diameter of the bottom bracket shell before installing BB cups.

-Apply Motorex Copper Paste to inner diameter of headtube before installing headset cups.

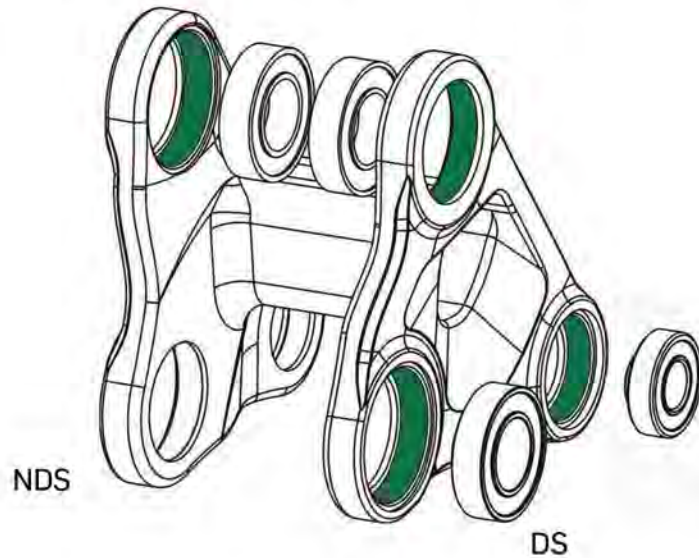


PART NUMBER

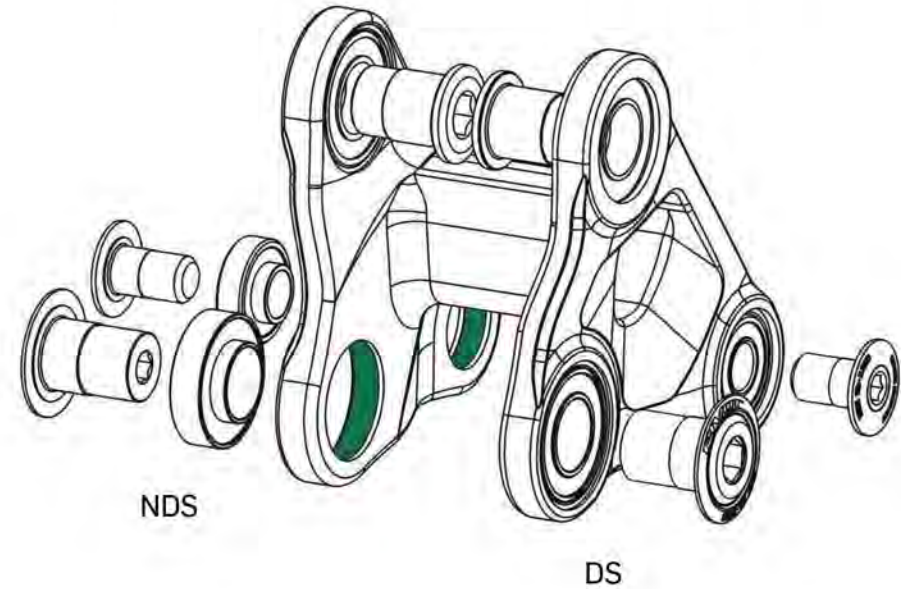
QTY



28mm 6902 Extended	FP-BRG-6902-LLUMAXECN	6
28mm 6902 Standard	FP-BRG-6902-LLUMAX	2
22mm 6900 Extended	FP-BRG-6900-LLUMAXE	2

Pre-Assembly Procedures



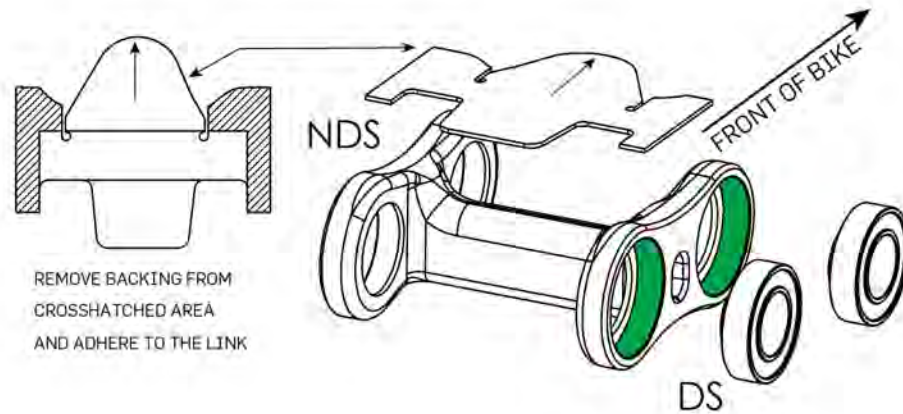
Frame Assembly Procedures



<p><b>PART NUMBERS:</b></p> <p>LINK: FP-LNK-UL-62MM-V1-R1</p> <p>BEARINGS: FP-BRG-6902-LLUMAXECN FP-BRG-6902-LLUMAX FP-BRG-6900-LLUMAXE</p> <p>BOLTS: FP-BLT-M14*20-BLK-V2-R2 FP-BLT-M14*20-BLK-V3-R2 FP-BLT-M10*16.5-BLK-V1</p> <p>SPACERS: FP-WSH-SPC-15I*250*3W</p> <p>FLIP CHIPS: FP-NUT-FLIPCHIP-4.6MM-V1</p>	<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>-Use <b>loctite #638</b> or equivalent on all bearing pockets before assembling to frame</li> <li>-Spread evenly around the bearing pocket with a round wooden toothpick</li> <li>-Use <b>loctite #243</b> or equivalent on <b>frame threads</b> for each bolt during frame assembly</li> <li>-Spread evenly around the female frame threads with a round wooden toothpick</li> <li>-All bearings installed during pre-assembly are press fit</li> <li>-All bearings installed during frame assembly are slip fit</li> <li>-After assembly clean any excess loctite from the bearings, links, and frame</li> <li>-After completing the link pre-assembly procedure, align the link with the Frame and install drive side bolts and torque to spec.</li> <li>-Then install non-drive side bearings and bolts then torque to spec.</li> </ul>	<p><b>Do not apply Loctite to bolt threads.</b></p>  <p></p> <p>The information contained in this drawing is the sole property of Pivot cycles and is not to be released without prior written approval.</p>
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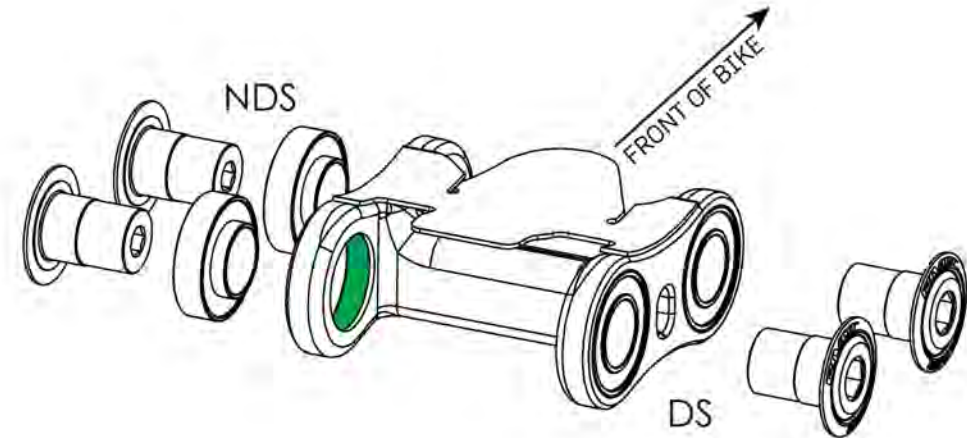
### Pre-Assembly Reference

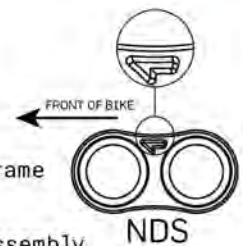


All Bearings Installed During Pre-Assembly Are Press Fit (Drive Side)



### Frame Assembly Reference

All Bearings Installed During Frame Assembly Are Slip Fit (Non-Drive Side)



<p><b>PART NUMBERS:</b></p> <p>Lower Link: FP-LNK-LL-45MM-V1-R1                  Lower Link Protector: FP-PRO-45MM-LL-V2-R1                  Bearings: FP-BRG-6902-LLUMAXECN                  Bolts: FP-BLT-M14*20-BLK-V2-R2</p>	<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>- Lower links are marked with an arrow on the non-drive side. The link should be oriented where the arrow points to the front triangle.</li> <li>-Use <b>loctite #638</b> or equivalent on all bearing pockets before assembling to frame</li> <li><b>Tip:</b> spread evenly around bearing pocket with a round wooden toothpick</li> <li>-Use <b>loctite #243</b> or equivalent on <b>frame threads</b> for each bolt during frame assembly</li> <li><b>Tip:</b> spread evenly around the female frame threads with a round wooden toothpick</li> </ul> 	<p><b>Do not apply Loctite to bolt threads.</b></p>   <p>The information contained in this drawing is the sole property of Pivot cycles and is not to be released without prior written approval.</p>
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## PHXV5 FRAME ASSEMBLY REFERENCE

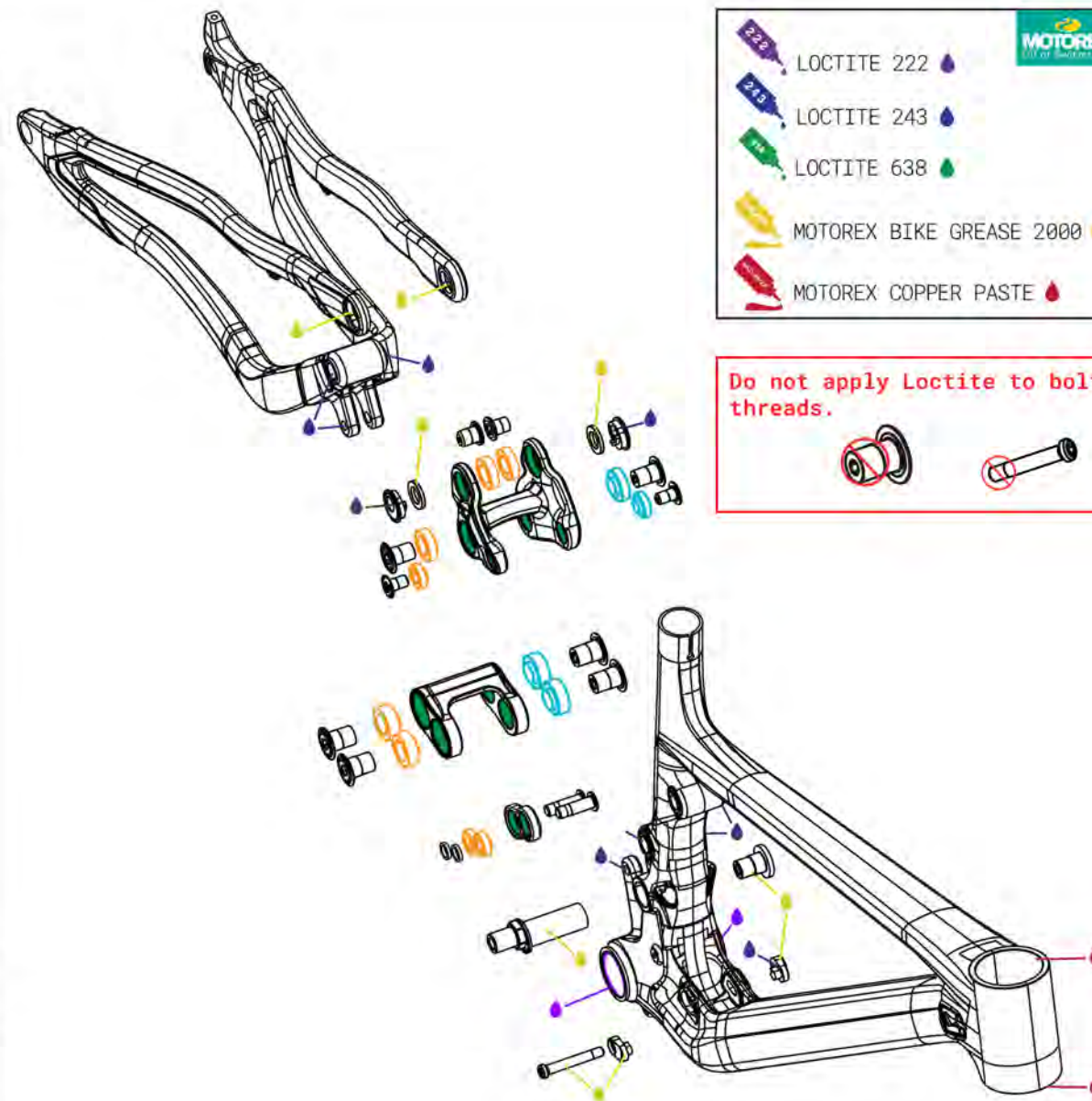
- Before any re-assembly clean all surfaces of any dried loctite, dirt, or grease.
- Clean all surfaces with isopropyl alcohol and let dry before assembling.
- Apply Loctite 638 or an equivalent to all bearing pocket when installing bearings. Use a round wooden toothpick to spread the material evenly around the pocket before installing the bearing.
- Press fit bearings are installed during pre-assembly and are shown in orange. Slip fit bearings are installed during frame assembly and are shown in light blue. Always install drive side first.
- Apply Loctite 243 or an equivalent to the female threads of the frame, link, or shock, not on the bolt threads. Use a round wooden toothpick to spread the material evenly around the threads.
- Apply Motorex Bike Grease 2000 to the shaft of the lower shock bolts, but do not grease the threads. The threads need to remain clean for the Loctite 243.
- Apply Motorex Bike Grease to the flip chip washer and outside of the chips. For the flip chip threads apply Loctite 243 or an equivalent.

### LINKAGE INSTALLATION SEQUENCE

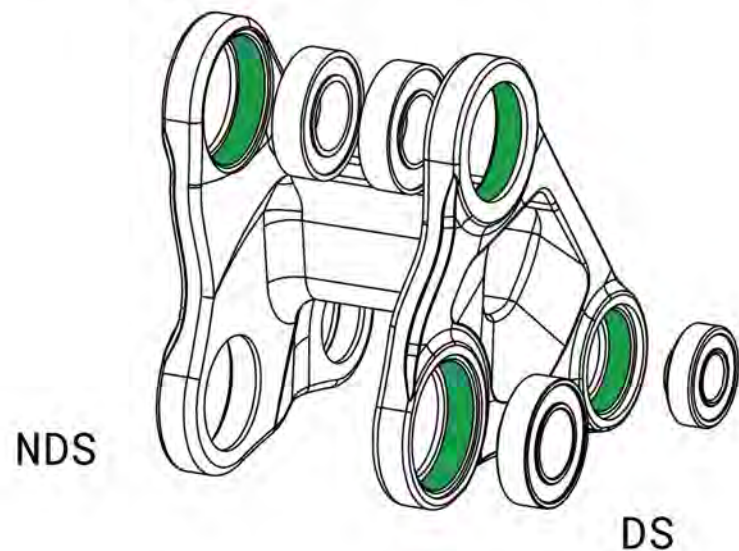
- Mount the lower link to the front triangle and check for smooth movement
- Mount the upper link on the front triangle and check for smooth movement
- Mount the mini link to the rear triangle and check for smooth movement
- Mount the rear triangle to the lower link and check for smooth movement
- Prep the flip chips, spacer and bolts and assemble, check that the the links feel smooth through the full travel
- Connect the mini link the the front triangle and check for smooth movement
- Install the shock

- Clean any excess Loctite with a towel and isopropyl alcohol to prevent finish damage.
- Apply Loctite 222 or an equivalent to the inner diameter of the bottom bracket shell before installing BB cups.
- Apply Motorex Anti-Seize to the headtube before installing the headset cups.

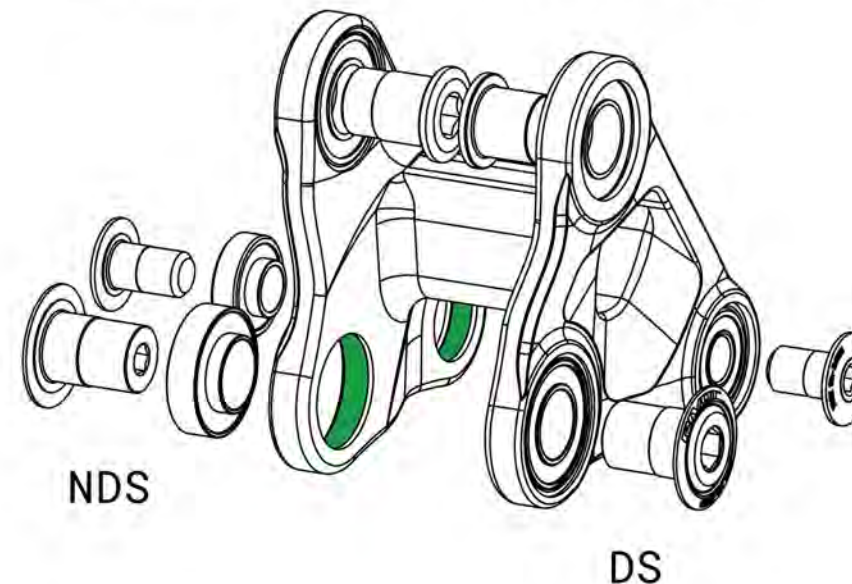
Endurobearings	PART NUMBER	QTY
30mm 3903 Extended	FP-BRG-3903-LLUE	4
28mm 6902	FP-BRG-6902-LLUMAX	2
28mm 6902 Extended	FP-BRG-6902-LLUMAXECN	2
22mm 6900 Extended	FP-BRG-6900-LLUMAXE	4





Pre-Assembly Procedures



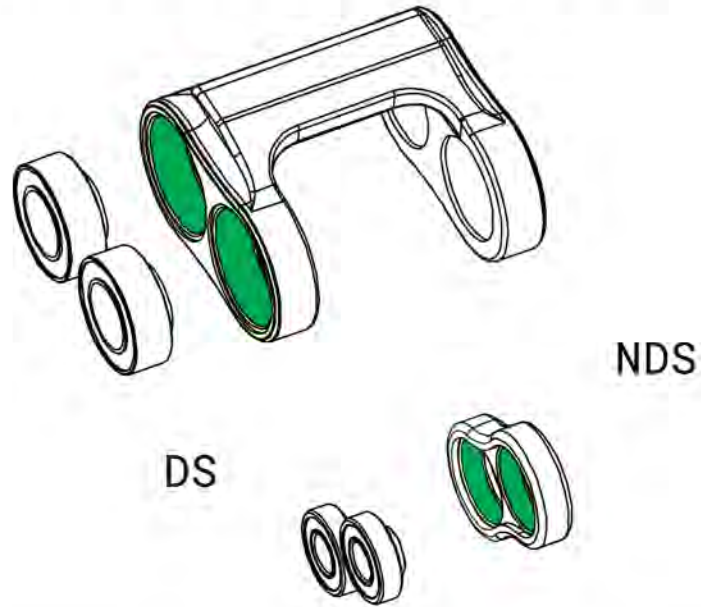
Frame Assembly Procedures



<p><b>PART NUMBERS:</b></p> <p>LINK: FP-LNK-UL-62.4MM-V1-R1</p> <p>BEARINGS: FP-BRG-6902-LLUMAXECN FP-BRG-6902-LLUMAX FP-BRG-6900-LLUMAXE</p> <p>BOLTS: FP-BLT-M14*20-BLK-V2-R2 FP-BLT-M14*20-BLK-V3-R2 FP-BLT-M10*16.5-BLK-V1</p> <p>SPACERS: FP-WSH-SPC-15I*250*3W</p> <p>FLIP CHIPS: FP-NUT-FLIPCHIP-4.6MM-V1</p>	<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>-Use <b>loctite #638</b> or equivalent on all bearing pockets before assembling to frame Spread evenly around the bearing pocket with a round wooden toothpick</li> <li>-Use <b>loctite #243</b> or equivalent on <b>frame threads</b> for each bolt during frame assembly Spread evenly around the female frame threads with a round wooden toothpick</li> <li>-All bearings installed during pre-assembly are press fit</li> <li>-All bearings installed during frame assembly are slip fit</li> <li>-After assembly clean any excess loctite from the bearings, links, and frame</li> <li>-After completing the link pre-assembly procedure, align the link with the Frame and install drive side bolts and torque to spec.</li> <li>-For Frame assembly, install non-drive side bearings and bolts then torque to spec.</li> </ul>	<p><b>Do not apply Loctite to bolt threads.</b></p>  <p></p> <p>The information contained in this drawing is the sole property of Pivot cycles and is not to be released without prior written approval.</p>
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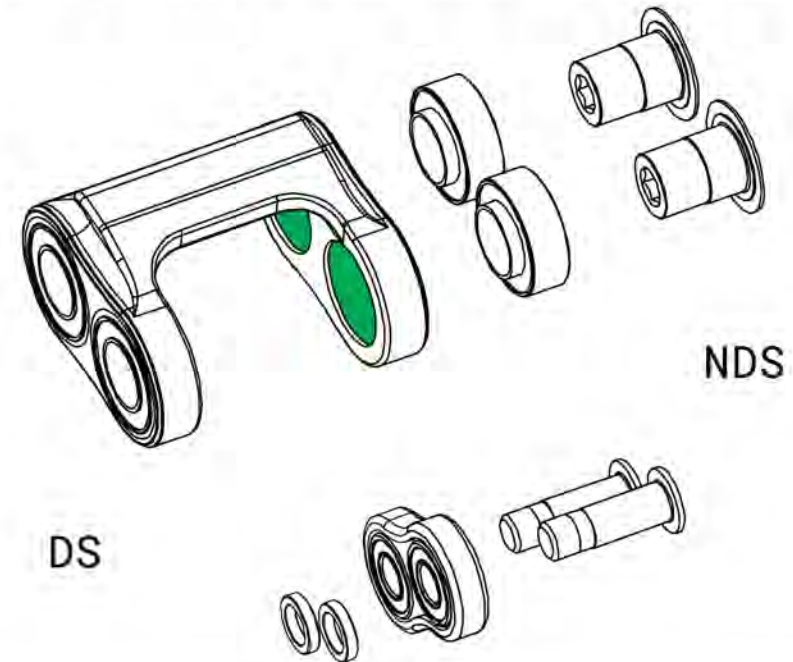
Pre-Assembly Reference

All Bearings Installed During Pre-Assembly Are Press Fit (Drive Side)



Frame Assembly Reference

All Bearings Installed During Frame Assembly Are Slip Fit (Non-Drive Side)



PART NUMBERS:

- Lower Link: FP-LNK-LL-34MM-DW6-V1
- Mini Link: FP-LNK-ML-24-DW6-V1
- LL Protector: FP-PRO-PHXV5-LL-V1-R1
- Bearings: FP-BRG-3903-LLUE  
FP-BRG-6900-LLUMAXE
- Bolts: FP-BLT-M16\*22-BLK-V2-R2  
FP-BLT-M10\*32-V1-R1
- Spacers: FP-WSH-SPC-10\*3-V1-R1

Notes:

- Use **loctite #638** or equivalent on all bearing pockets before assembling to frame  
**Tip:** spread evenly around bearing pocket with a round wooden toothpick
- Use **loctite #243** or equivalent on **frame threads** for each bolt during frame assembly  
**Tip:** spread evenly around the female frame threads with a round wooden toothpick

Do not apply Loctite to bolt threads.



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## P9CV1 FRAME ASSEMBLY REFERENCE

-Before any re-assembly clean all surfaces of any dried loctite, dirt, or grease.

-Clean all surfaces with isopropyl alcohol and let dry before assembling.

-Apply Loctite 638 or an equivalent to all bearing pocket when installing bearings. Use a round wooden toothpick to spread the material evenly around the pocket before installing the bearing.

-Press fit bearings are installed during pre-assembly and are shown in **orange**. Slip fit bearings are installed during frame assembly and are shown in **light blue**.

-Apply Loctite 243 or an equivalent to the female threads of the frame or link not on the bolt threads. Use a round wooden toothpick to spread the material evenly around the threads.

-Apply Motorex Bike Grease 2000 to the shaft of the rear shock pin and spacers. Also apply to the front shock bolt.

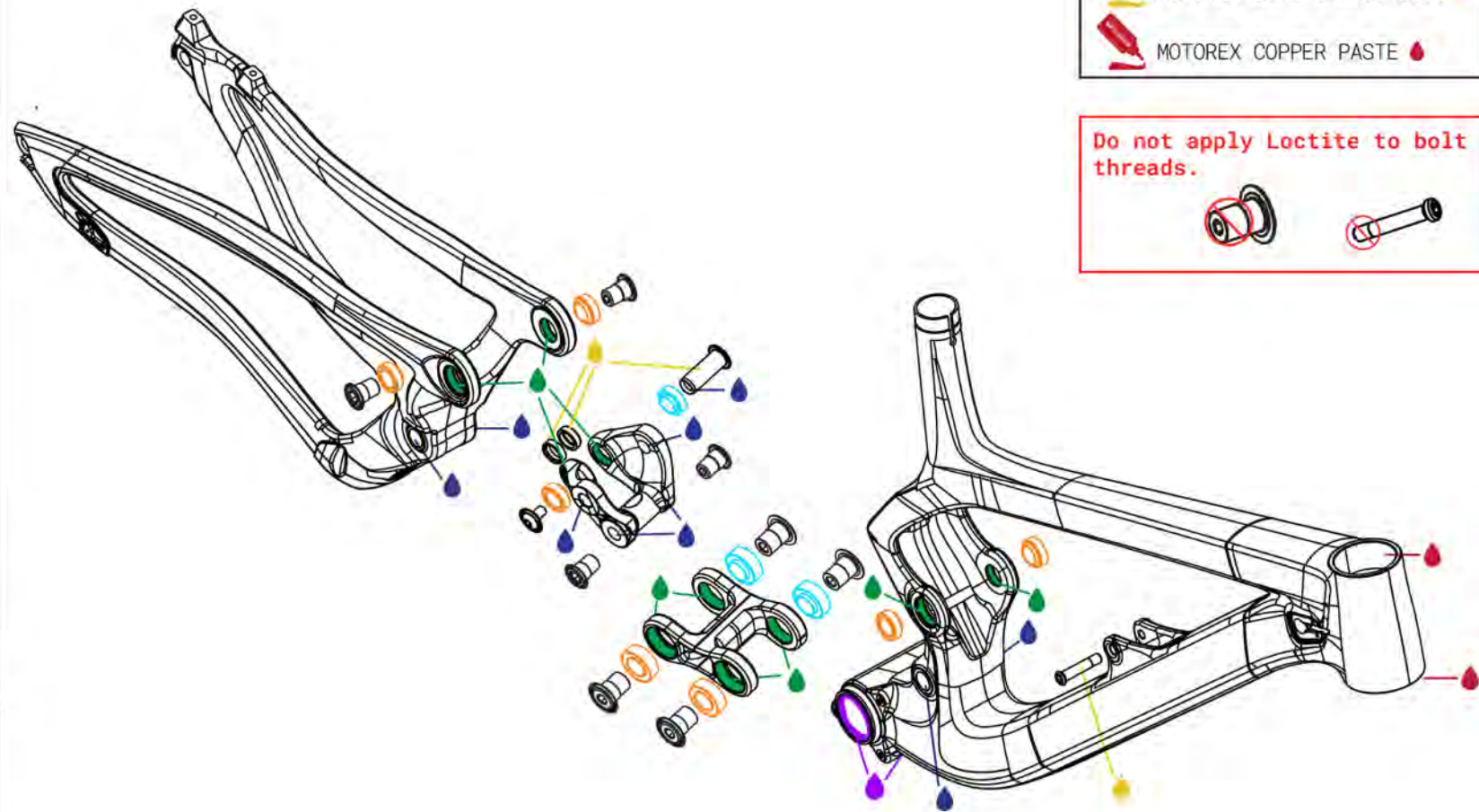
-Clean any excess Loctite with a towel and isopropyl alcohol to prevent finish damage.

-Apply Loctite 222 or an equivalent to the inner diameter of the bottom bracket shell before installing BB cups.

-Apply Motorex Copper Paste to inner diameter of headset cups.

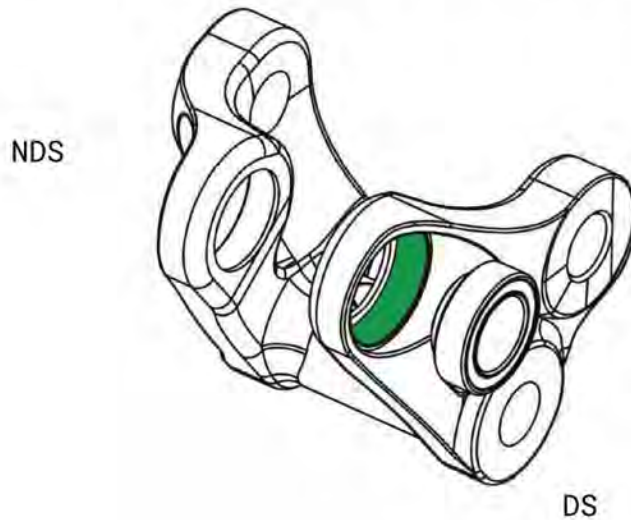
- LOCTITE 222
- LOCTITE 243
- LOCTITE 638
- MOTOREX BIKE GREASE 2000
- MOTOREX COPPER PASTE

Do not apply Loctite to bolt threads.

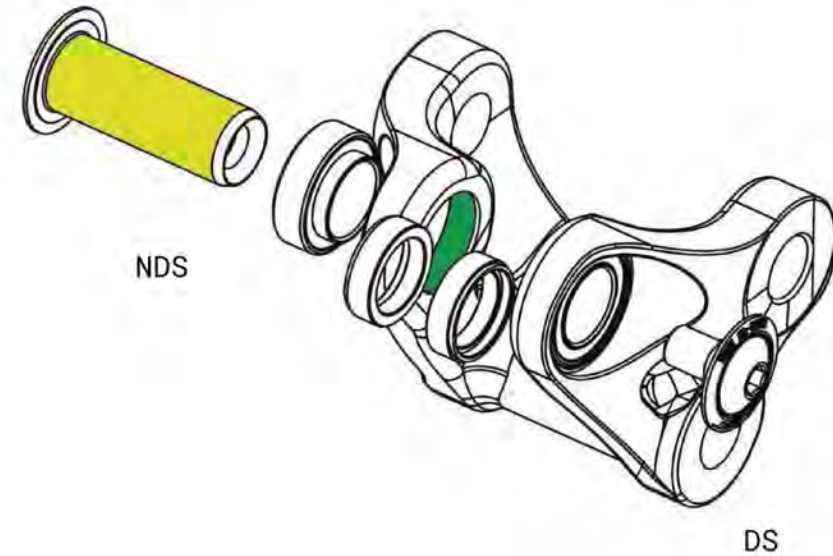


Endurobearings	PART NUMBER	QTY
30mm 3903 Extended	FP-BRG-3903-LLUE	4
28mm 6902 Extended	FP-BRG-6902-LLUMAXECN	2
24mm 3802 Extended	FP-BRG-3802-LLUMAXECN	4

Pre-Assembly Procedures



Frame Assembly Procedures



PART NUMBERS:

- LINK: FP-LNK-UL-42.5MM-V2-R1
- BEARINGS: FP-BRG-3802-LLUMAXECN
- BOLTS: FP-PIN-15\*40-V1-R1
- FP-BLT-M8\*12-V1-R1
- SPACERS: FP-WSH-SPC-15\*4-V1-R1

Notes:

- Use **loctite #638** or equivalent on all bearing pockets before assembling to frame  
Spread evenly around the bearing pocket with a round wooden toothpick
- Use **loctite #243** or equivalent on **frame threads** for each bolt during frame assembly  
Spread evenly around the female frame threads with a round wooden toothpick
- Use **Motorex bike grease 2000** or equivalent waterproof grease on the shock pin and spacers
- All bearings installed during pre-assembly are press fit
- All bearings installed during frame assembly are slip fit
- After assembly clean any excess loctite from the bearings, links, and frame
- After completing the link pre-assembly procedure, align the link with the Frame and install drive side bolts and torque to spec.

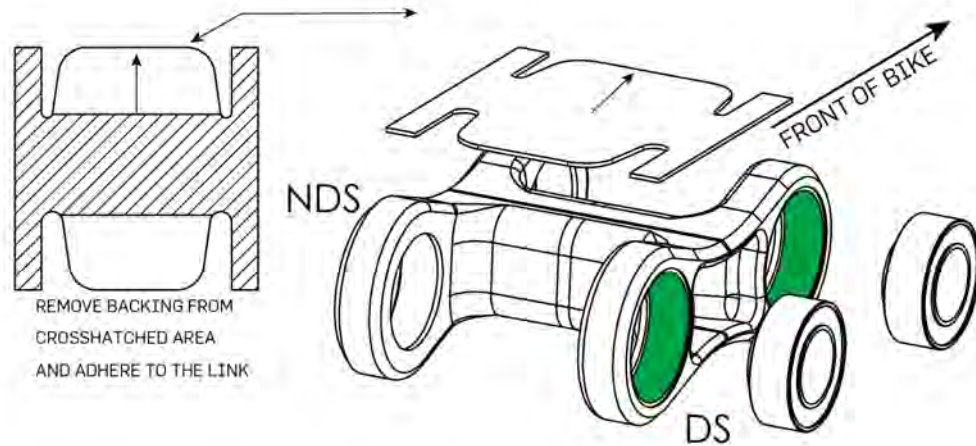
**Do not apply Loctite to bolt threads.**



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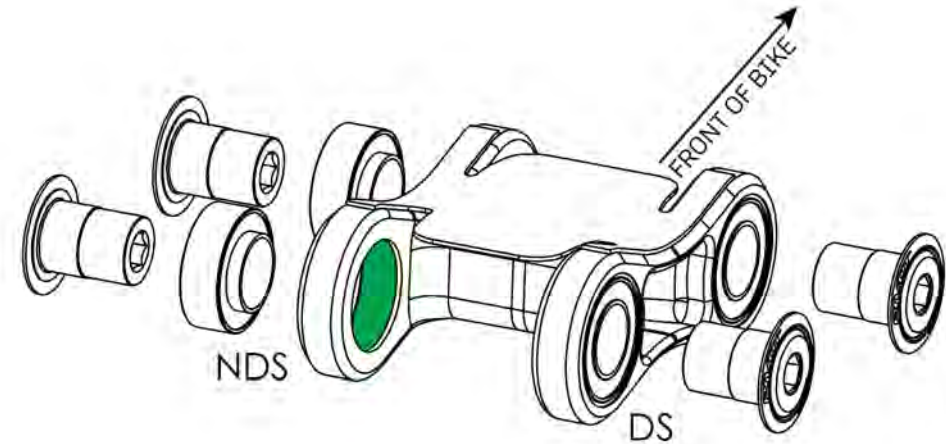
### Pre-Assembly Reference




All Bearings Installed During Pre-Assembly Are Press Fit (Drive Side)



### Frame Assembly Reference

All Bearings Installed During Frame Assembly Are Slip Fit (Non-Drive Side)



<p><b>PART NUMBERS:</b></p> <p>Lower Link: FP-LNK-LL-BLK-V7-R1</p> <p>LL Protector: FP-PRO-70MM-LL-V1-R1</p> <p>Bearings: FP-BRG-3903-LLUE</p> <p>Bolts: FP-BLT-M16*22-BLK-V2-R2</p>	<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>- Lower links are marked with a notch on the non-drive side. The link should be oriented where the notch points to the front triangle.</li> <li>-Use <b>loctite #638</b> or equivalent on all bearing pockets before assembling to frame</li> <li><b>Tip:</b> spread evenly around bearing pocket with a round wooden toothpick</li> <li>-Use <b>loctite #243</b> or equivalent on <b>frame threads</b> for each bolt during frame assembly</li> <li><b>Tip:</b> spread evenly around the female frame threads with a round wooden toothpick</li> </ul> 	<p><b>Do not apply Loctite to bolt threads.</b></p>   <p>The information contained in this drawing is the sole property of Pivot cycles and is not to be released without prior written approval.</p>
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## SCTV1 FRAME ASSEMBLY REFERENCE

-Before any re-assembly clean all surfaces of any dried loctite, dirt, or grease.

-Clean all surfaces with isopropyl alcohol and let dry before assembling.

-Apply Loctite 638 or an equivalent to all bearing pocket when installing bearings. Use a round wooden toothpick to spread the material evenly around the pocket before installing the bearing.

-Press fit bearings are installed during pre-assembly and are shown in **orange**. Slip fit bearings are installed during frame assembly and are shown in **light blue**.

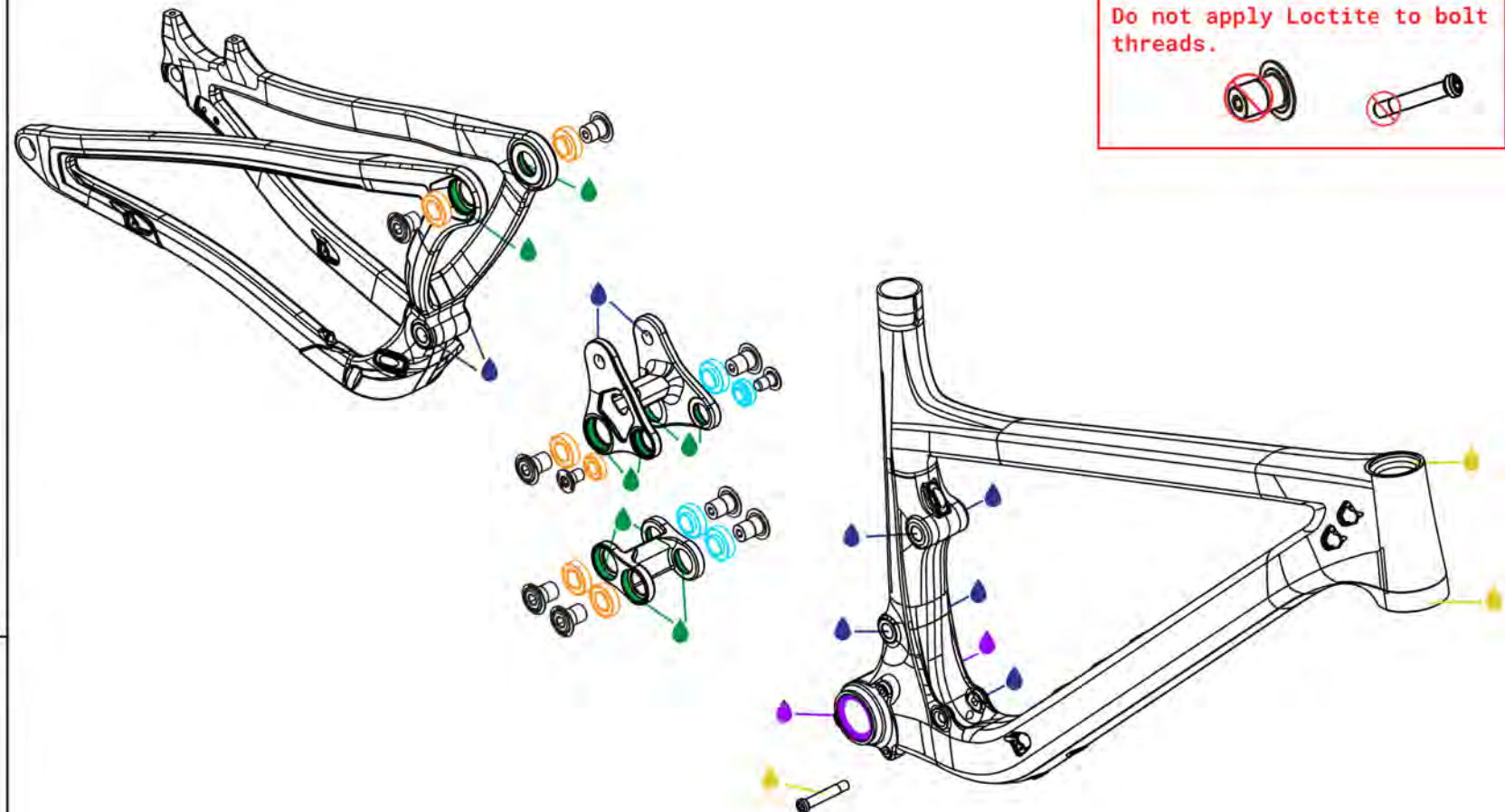
-Apply Loctite 243 or an equivalent to the female threads of the frame link, or shock not on the bolt threads. Use a round wooden toothpick to spread the material evenly around the threads.

-Apply Motorex Bike Grease 2000 to the shaft of the lower shock bolt. Do not grease the shock bolt threads.

-Clean any excess Loctite with a towel and isopropyl alcohol to prevent finish damage.

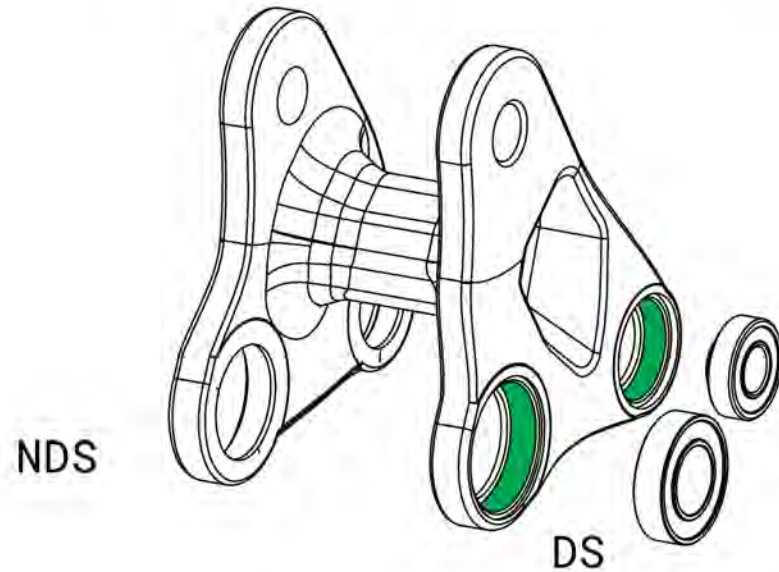
-Apply Loctite 222 or an equivalent to the inner diameter of the bottom bracket shell before installing BB cups.

-Apply Motorex Bike Grease 2000 to the integrated headset cups before installing the headset bearings.

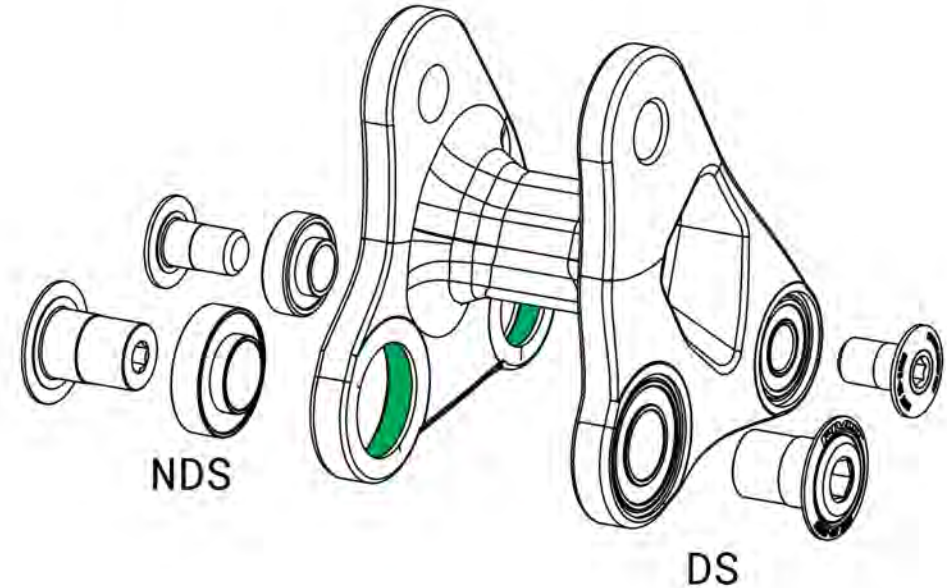




Endurobearings	PART NUMBER	QTY
28mm 6902 Extended	FP-BRG-6902-LLUMAXECN	8
22mm 6900 Extended	FP-BRG-6900-LLUMAXE	2

## Pre-Assembly Procedures



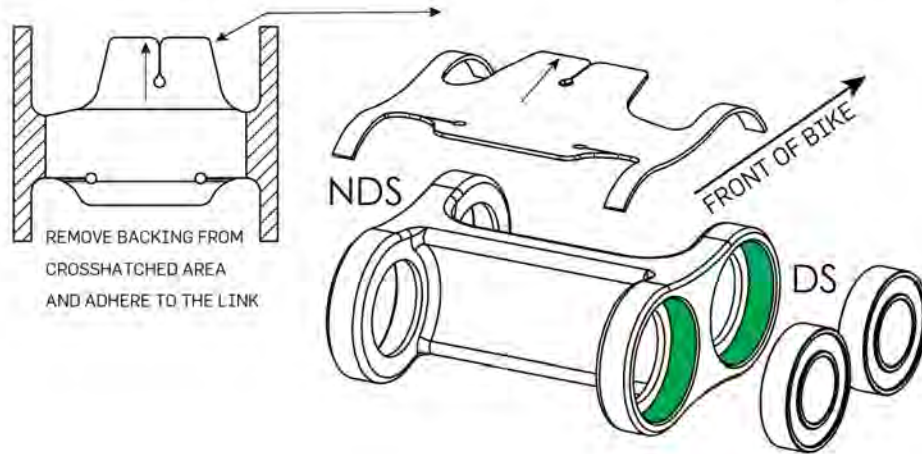
## Frame Assembly Procedures



<p><b>PART NUMBERS:</b></p> <p>LINK: FP-LNK-UL-67.2MM-V1-R1</p> <p>BEARINGS: FP-BRG-6902-LLUMAXECN FP-BRG-6900-LLUMAXE</p> <p>BOLTS: FP-BLT-M14*20-BLK-V2-R2 FP-BLT-M14*20-BLK-V3-R2</p>	<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>-Use <b>loctite #638</b> or equivalent on all bearing pockets before assembling to frame Spread evenly around the bearing pocket with a round wooden toothpick</li> <li>-Use <b>loctite #243</b> or equivalent on <b>frame threads</b> for each bolt during frame assembly Spread evenly around the female frame threads with a round wooden toothpick</li> <li>-All bearings installed during pre-assembly are press fit</li> <li>-All bearings installed during frame assembly are slip fit</li> <li>-After assembly clean any excess loctite from the bearings, links, and frame</li> <li>-After completing the link pre-assembly procedure, align the link with the Frame and install drive side bolts and torque to spec.</li> <li>-For Frame assembly, install non-drive side bearings and bolts then torque to spec.</li> </ul>	<p><b>Do not apply Loctite to bolt threads.</b></p>  <p></p> <p>The information contained in this drawing is the sole property of Pivot cycles and is not to be released without prior written approval.</p>
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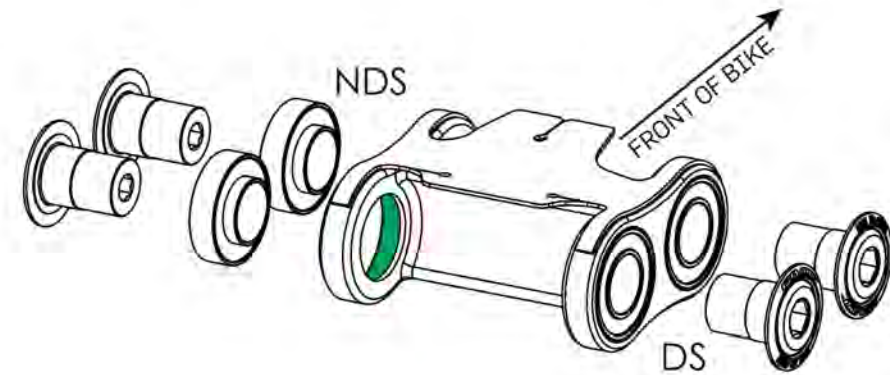
## Pre-Assembly Reference

All Bearings Installed During Pre-Assembly Are Press Fit (Drive Side)



## Frame Assembly Reference

All Bearings Installed During Frame Assembly Are Slip Fit (Non-Drive Side)



### PART NUMBERS:

Lower Link: FP-LNK-LL-34MM-EXT-V1  
 LL Protector: FP-PRO-35MM-EXT-LL-V3-R1  
 Bearings: FP-BRG-6902-LLUMAXECN  
 Bolts: FP-BLT-M14\*20-BLK-V2-R2

### Notes:

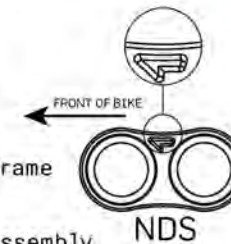
- Lower links are marked with an arrow on the non-drive side.  
 The link should be oriented where the arrow points to the front triangle.

-Use **loctite #638** or equivalent on all bearing pockets before assembling to frame

**Tip:** spread evenly around bearing pocket with a round wooden toothpick

-Use **loctite #243** or equivalent on frame threads for each bolt during frame assembly

**Tip:** spread evenly around the female frame threads with a round wooden toothpick



Do not apply Loctite to bolt threads.



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# Shuttle AM Gen 2

## SAMC2 FRAME ASSEMBLY REFERENCE

-Before any re-assembly clean all surfaces of any dried loctite, dirt, or grease.

-Clean all surfaces with isopropyl alcohol and let dry before assembling.

-Apply Loctite 638 or an equivalent to all bearing pocket when installing bearings. Use a round wooden toothpick to spread the material evenly around the pocket before installing the bearing.

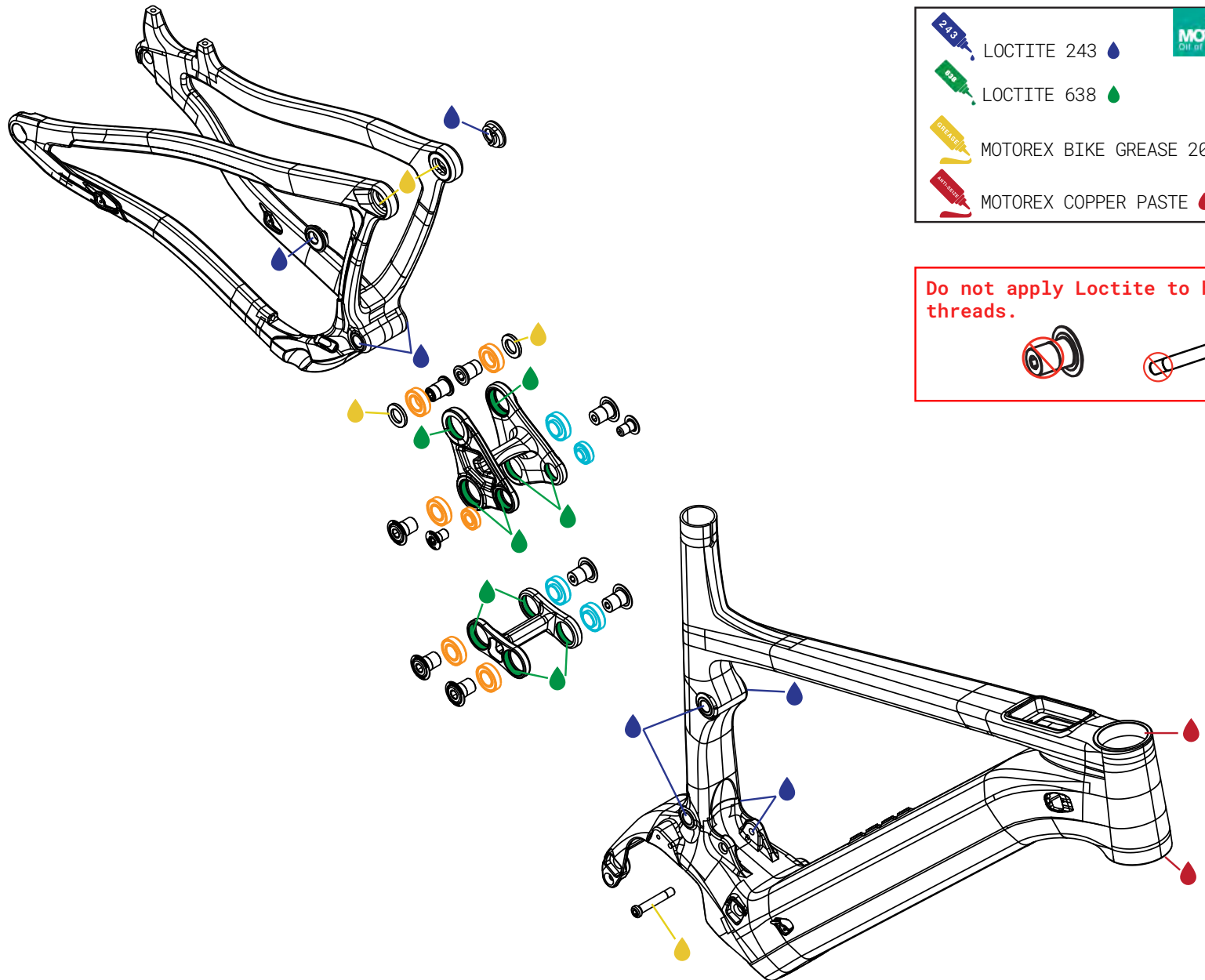
-Press fit bearings are installed during pre-assembly and are shown in **orange**. Slip fit bearings are installed during frame assembly and are shown in **light blue**.

-Apply Loctite 243 or an equivalent to the female threads of the frame, link, or shock, not on the bolt threads. Use a round wooden toothpick to spread the material evenly around the threads.

-Apply Motorex Bike Grease 2000 to the flip chip steel washers, the flip chip pockets and the shaft of the lower shock bolt. Do not grease the shock bolt threads.

-Clean any excess Loctite with a towel and isopropyl alcohol to prevent finish damage.

-Apply Motorex Copper Paste to inner diameter of headtube before installing headset cups.



	LOCTITE 243	
	LOCTITE 638	
	MOTOREX BIKE GREASE 2000	
	MOTOREX COPPER PASTE	

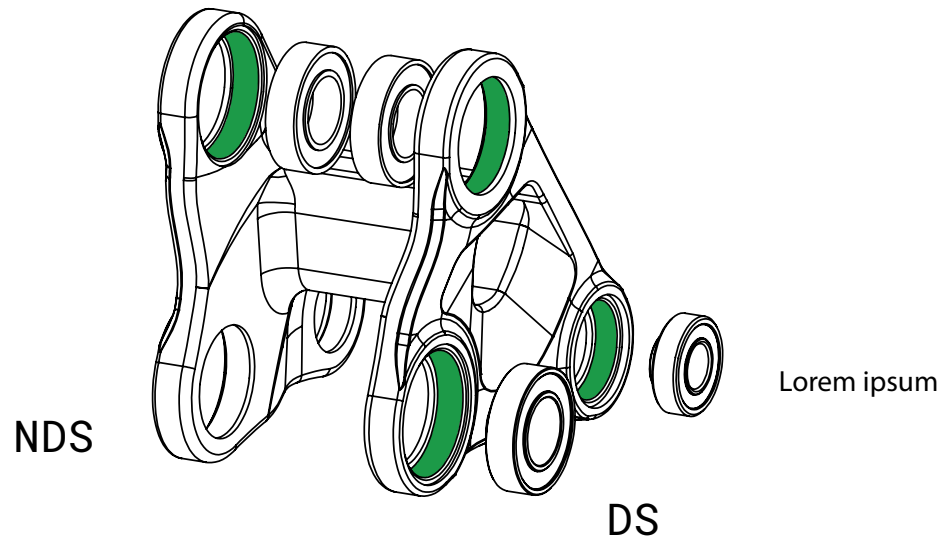
Do not apply Loctite to bolt threads.



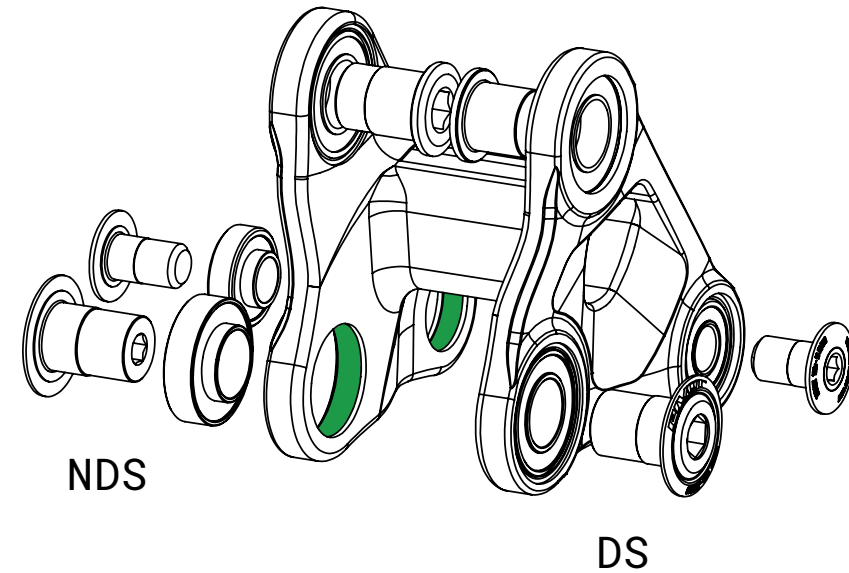
PART NUMBER	QTY
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28mm 6902 Extended	FP-BRG-6902-LLUMAXECN	6
28mm 6902 Standard	FP-BRG-6902-LLUMAX	2
22mm 6900 Extended	FP-BRG-6900-LLUMAXE	2

## Pre-Assembly Procedures



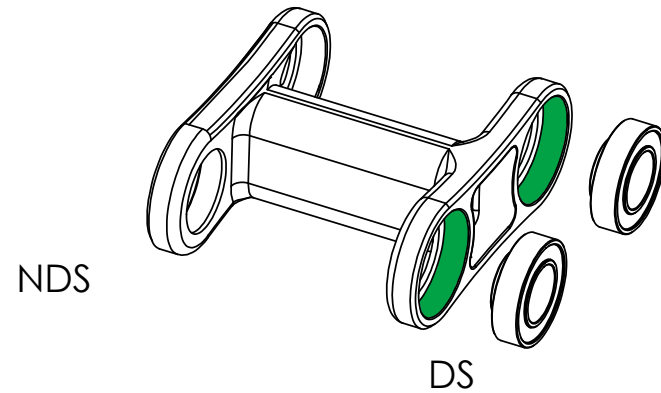
## Frame Assembly Procedures



<p><b>PART NUMBERS:</b></p> <p>LINK: FP-LNK-UL-73MM-V1-R1</p> <p>BEARINGS: FP-BRG-6902-LLUMAXECN-B0 FP-BRG-6902-LLUMAX-B0 FP-BRG-6900-LLUMAXE-B0</p> <p>BOLTS: FP-BLT-M14*20-BLK-V2-R2 FP-BLT-M14*20-BLK-V3-R2 FP-BLT-M10*16.5-BLK-V1</p> <p>SPACERS: FP-WSH-SPC-15I*250*3W</p> <p>FLIP CHIPS: FP-NUT-FLIPCHIP-4.6MM-V1</p>	<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>-Use <b>loctite #638</b> or equivalent on all bearing pockets before assembling to frame Spread evenly around the bearing pocket with a round wooden toothpick</li> <li>-Use <b>loctite #243</b> or equivalent on <b>frame threads</b> for each bolt during frame assembly Spread evenly around the female frame threads with a round wooden toothpick</li> <li>-All bearings installed during pre-assembly are press fit</li> <li>-All bearings installed during frame assembly are slip fit</li> <li>-After assembly clean any excess loctite from the bearings, links, and frame</li> <li>-After completing the link pre-assembly procedure, align the link with the Frame and install drive side bolts and torque to spec.</li> <li>-For Frame assembly, install non-drive side bearings and bolts then torque to spec.</li> </ul>	<p><b>Do not apply Loctite to bolt threads.</b></p>  <p></p> <p>The information contained in this drawing is the sole property of Pivot cycles and is not to be released without prior written approval.</p>
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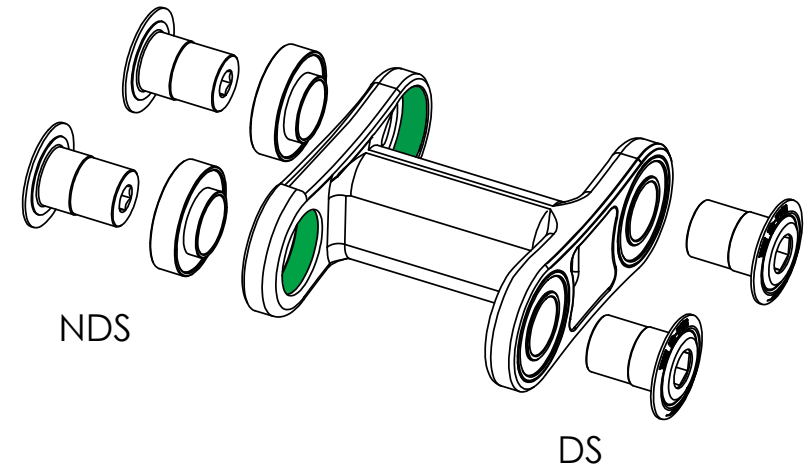
## Pre-Assembly Reference

All Bearings Installed During Pre-Assembly Are Press Fit (Drive Side)



## Frame Assembly Reference

All Bearings Installed During Frame Assembly Are Slip Fit (Non-Drive Side)



### PART NUMBERS:

Lower Link: FP-LNK-LL-50MM-V3-R1  
 LL Protector: FP-PRO-LL-50MM-V3-R1  
 Bearings: FP-BRG-6902-LLUMAXECN-B0  
 Bolts: FP-BLT-M14\*20-BLK-V2-R2

### Notes:

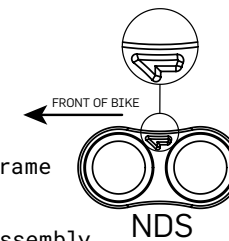
- Lower links are marked with an arrow on the non-drive side.  
 The link should be oriented where the arrow points to the front triangle.

-Use **loctite #638** or equivalent on all bearing pockets before assembling to frame

**Tip:** spread evenly around bearing pocket with a round wooden toothpick

-Use **loctite #243** or equivalent on **frame threads** for each bolt during frame assembly

**Tip:** spread evenly around the female frame threads with a round wooden toothpick



**Do not apply Loctite to bolt threads.**



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## SHTV6 FRAME ASSEMBLY REFERENCE

-Before any re-assembly clean all surfaces of any dried loctite, dirt, or grease.

-Clean all surfaces with isopropyl alcohol and let dry before assembling.

-Apply Loctite 638 or an equivalent to all bearing pocket when installing bearings. Use a round wooden toothpick to spread the material evenly around the pocket before installing the bearing.

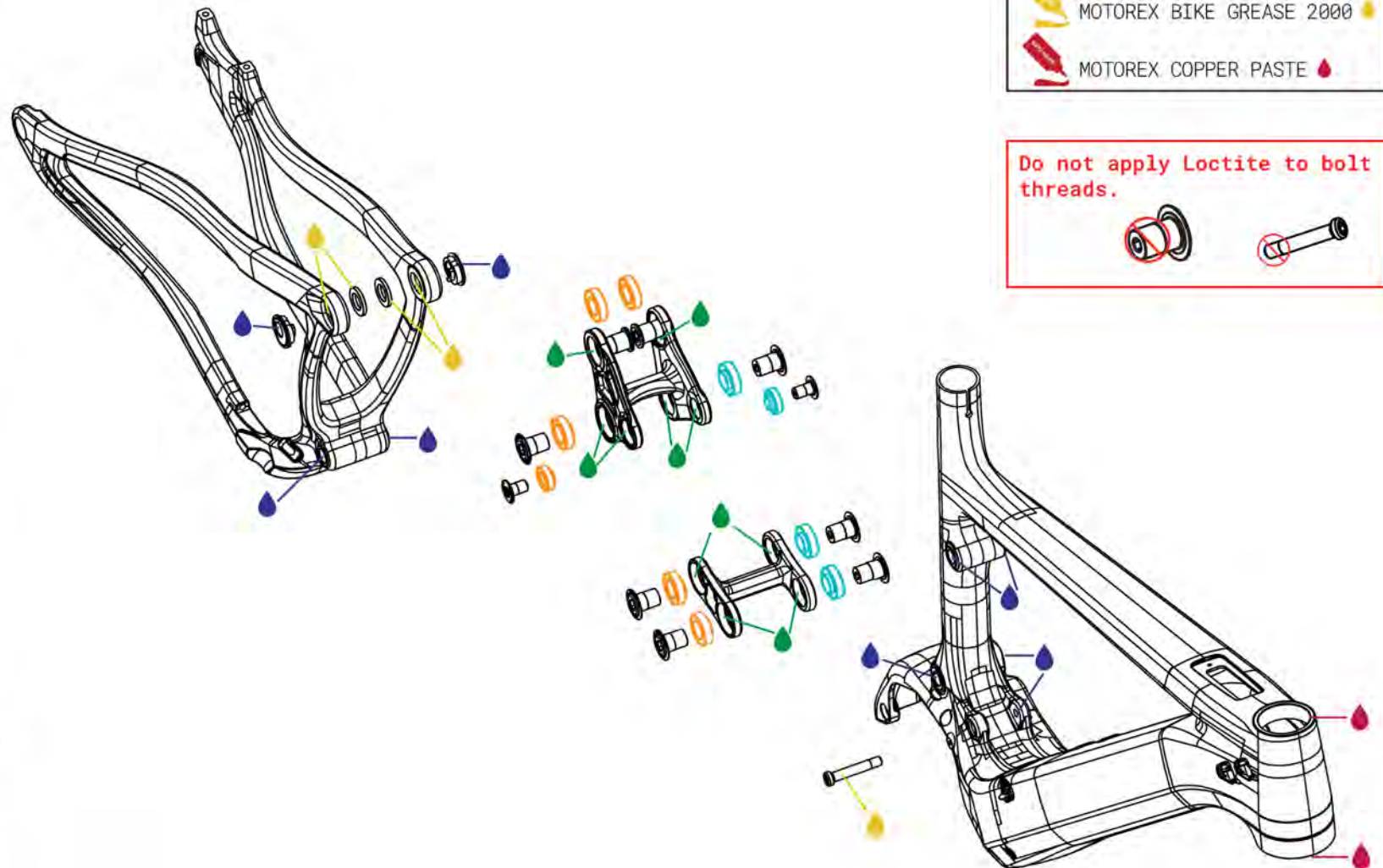
-Press fit bearings are installed during pre-assembly and are shown in orange. Slip fit bearings are installed during frame assembly and are shown in light blue.

-Apply Loctite 243 or an equivalent to the female threads of the frame, link, or shock, not on the bolt threads. Use a round wooden toothpick to spread the material evenly around the threads.

-Apply Motorex Bike Grease 2000 to the flip chip steel washers, the flip chip pockets and the shaft of the lower shock bolt. Do not grease the shock bolt threads.

-Clean any excess Loctite with a towel and isopropyl alcohol to prevent finish damage.

-Apply Motorex Copper Paste to inner diameter of headtube before installing headset cups.

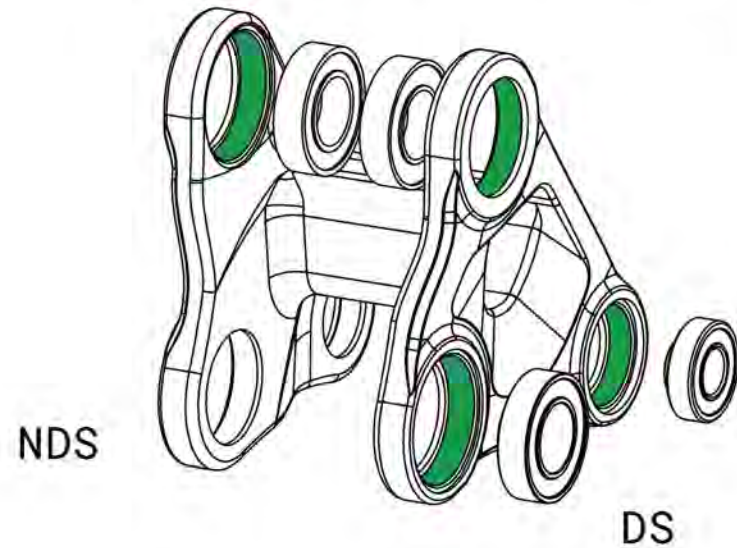


	LOCTITE 243	
	LOCTITE 638	
	MOTOREX BIKE GREASE 2000	
	MOTOREX COPPER PASTE	

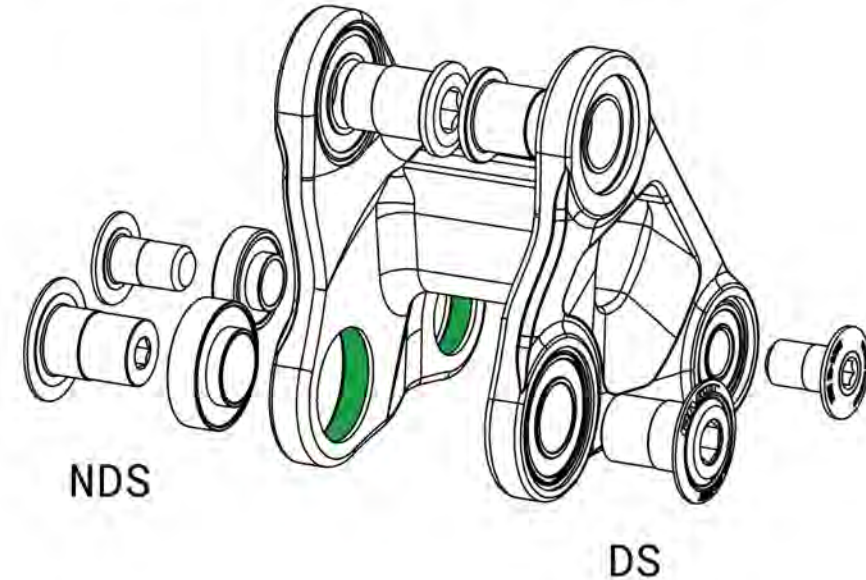
Do not apply Loctite to bolt threads.



Endurobearings	PART NUMBER	QTY
28mm 6902 Extended	FP-BRG-6902-LLUMAXECN	6
28mm 6902 Standard	FP-BRG-6902-LLUMAX	2
22mm 6900 Extended	FP-BRG-6900-LLUMAXE	2

## Pre-Assembly Procedures



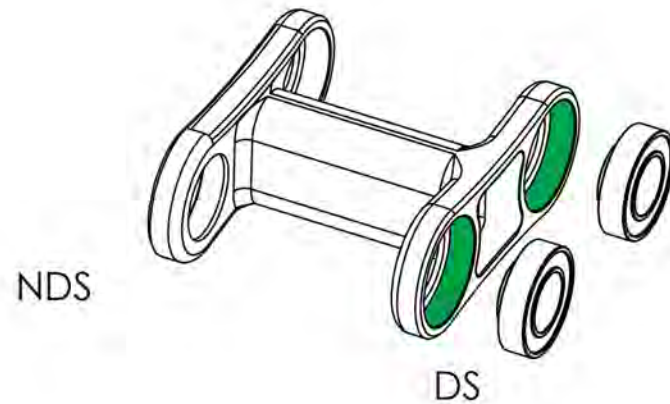
## Frame Assembly Procedures



<p><b>PART NUMBERS:</b></p> <p>LINK: FP-LNK-UL-68MM-V1-R1</p> <p>BEARINGS: FP-BRG-6902-LLUMAXECN FP-BRG-6902-LLUMAX FP-BRG-6900-LLUMAXE</p> <p>BOLTS: FP-BLT-M14*20-BLK-V2-R2 FP-BLT-M14*20-BLK-V3-R2 FP-BLT-M10*16.5-BLK-V1</p> <p>SPACERS: FP-WSH-SPC-15I*250*3W</p> <p>FLIP CHIPS: FP-NUT-FLIPCHIP-4.6MM-V1</p>	<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>-Use <b>loctite #638</b> or equivalent on all bearing pockets before assembling to frame Spread evenly around the bearing pocket with a round wooden toothpick</li> <li>-Use <b>loctite #243</b> or equivalent on <b>frame threads</b> for each bolt during frame assembly Spread evenly around the female frame threads with a round wooden toothpick</li> <li>-All bearings installed during pre-assembly are press fit</li> <li>-All bearings installed during frame assembly are slip fit</li> <li>-After assembly clean any excess loctite from the bearings, links, and frame</li> <li>-After completing the link pre-assembly procedure, align the link with the Frame and install drive side bolts and torque to spec.</li> <li>-For Frame assembly, install non-drive side bearings and bolts then torque to spec.</li> </ul>	<p><b>Do not apply Loctite to bolt threads.</b></p>  <p></p> <p>The information contained in this drawing is the sole property of Pivot cycles and is not to be released without prior written approval.</p>
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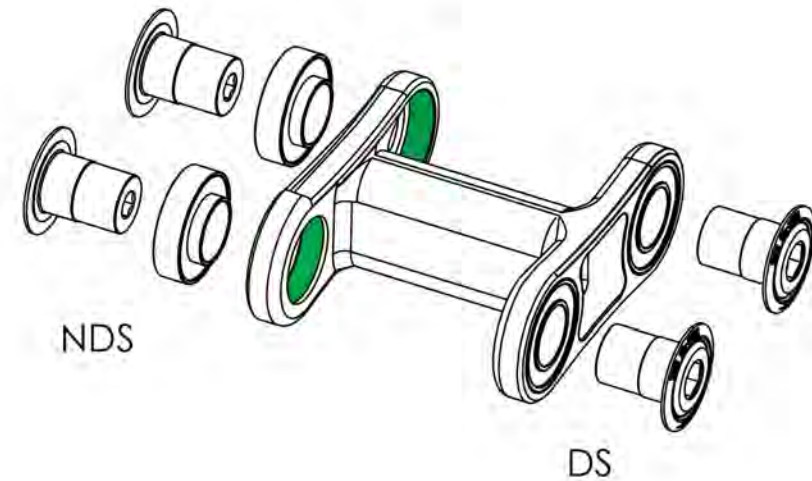
## Pre-Assembly Reference

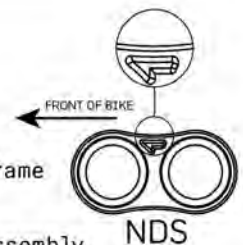


All Bearings Installed During Pre-Assembly Are Press Fit (Drive Side)



## Frame Assembly Reference

All Bearings Installed During Frame Assembly Are Slip Fit (Non-Drive Side)



<p><b>PART NUMBERS:</b></p> <p>Lower Link: FP-LNK-LL-50MM-V3-R1          LL Protector: FP-PRO-LL-50MM-V3-R1          Bearings: FP-BRG-6902-LLUMAXECN          Bolts: FP-BLT-M14*20-BLK-V2-R2</p>	<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>- Lower links are marked with an arrow on the non-drive side. The link should be oriented where the arrow points to the front triangle.</li> <li>-Use <b>loctite #638</b> or equivalent on all bearing pockets before assembling to frame  <b>Tip:</b> spread evenly around bearing pocket with a round wooden toothpick</li> <li>-Use <b>loctite #243</b> or equivalent on <b>frame threads</b> for each bolt during frame assembly  <b>Tip:</b> spread evenly around the female frame threads with a round wooden toothpick</li> </ul> 	<p><b>Do not apply Loctite to bolt threads.</b></p>   <p>The information contained in this drawing is the sole property of Pivot cycles and is not to be released without prior written approval.</p>
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## SLTV3 FRAME ASSEMBLY REFERENCE

-Before any re-assembly clean all surfaces of any dried loctite, dirt, or grease.

-Clean all surfaces with isopropyl alcohol and let dry before assembling.

-Apply Loctite 638 or an equivalent to all bearing pocket when installing bearings. Use a round wooden toothpick to spread the material evenly around the pocket before installing the bearing.

-Press fit bearings are installed during pre-assembly and are shown in **orange**. Slip fit bearings are installed during frame assembly and are shown in **light blue**.

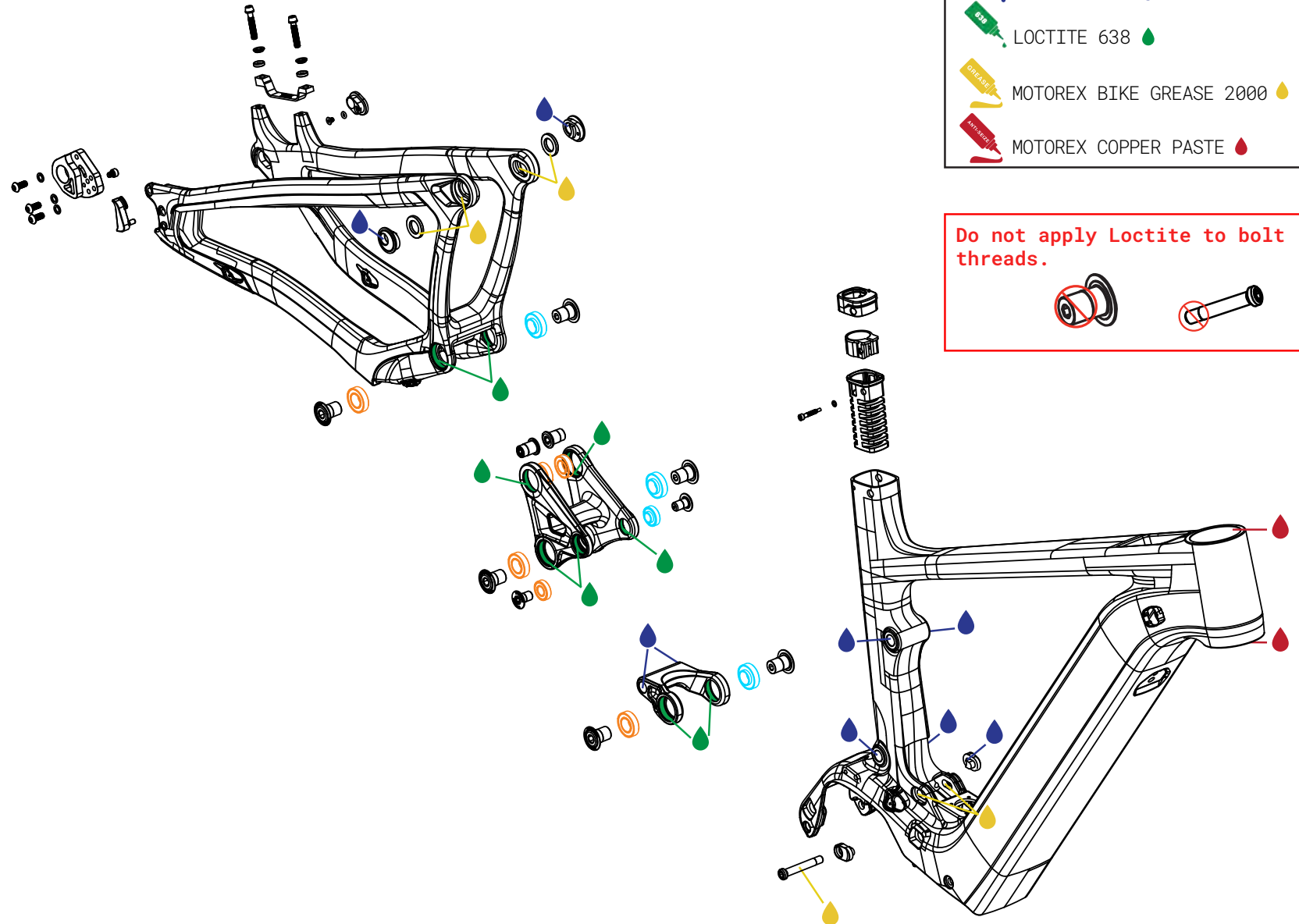
-Apply Loctite 243 or an equivalent to the female threads of the frame, link, flip chip or shock, not on the bolt threads. Use a round wooden toothpick to spread the material evenly around the threads.

-Apply Motorex Bike Grease 2000 to the flip chip steel washers, the flip chip pockets and the shaft of the lower shock bolt. Do not grease the shock bolt threads.

-Apply Motorex Bike Grease 2000 to the progressivity flip chip pockets and the shaft of the lower shock bolt. Do not grease the shock bolt threads.

-Clean any excess Loctite with a towel and isopropyl alcohol to prevent finish damage.

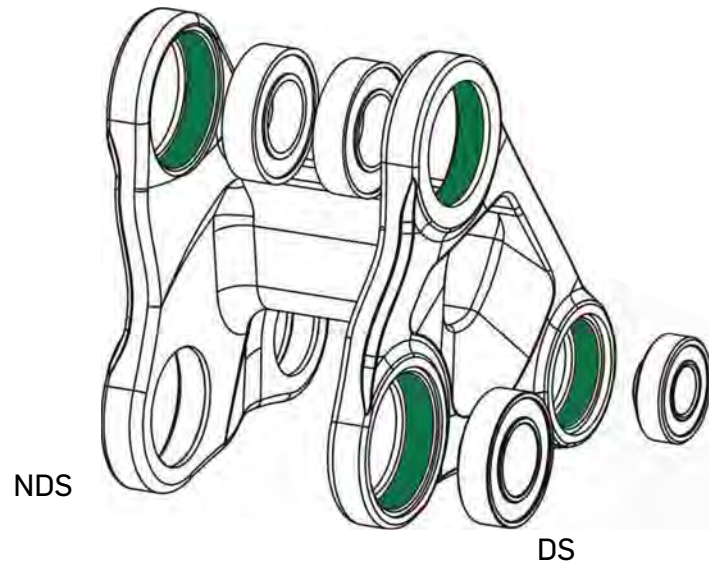
-Apply Motorex Copper Paste to inner diameter of headtube before installing headset cups.



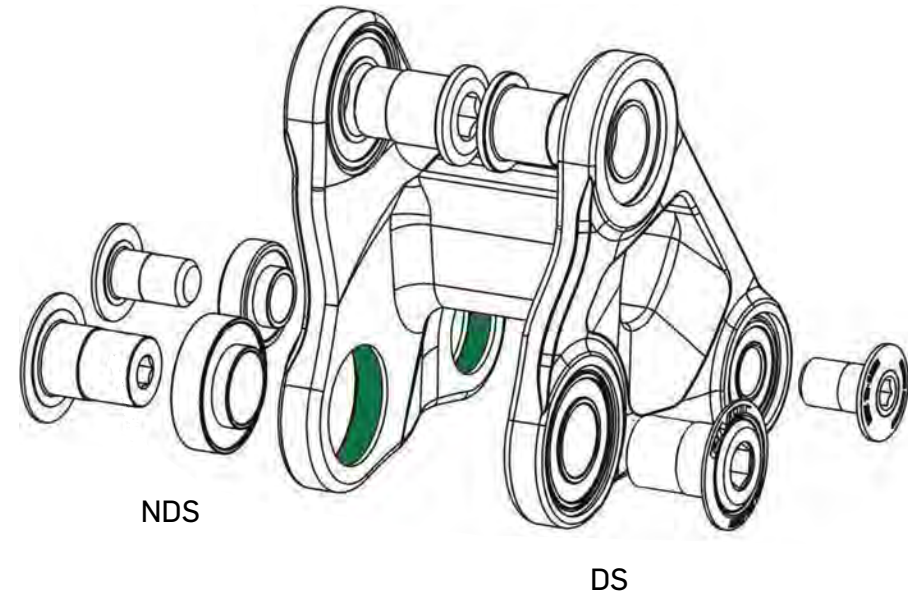
PART NUMBER	QTY
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28mm 6902 Extended	FP-BRG-6902-LLUMAXECN-B0	6
28mm 6902 Standard	FP-BRG-6902-LLUMAX-B0	2
22mm 6900 Extended	FP-BRG-6900-LLUMAXE-B0	2

## Pre-Assembly Procedures



## Frame Assembly Procedures



### PART NUMBERS:

LINK:	FP-LNK-UL-83MM-V1-R1
BEARINGS:	FP-BRG-6902-LLUMAXECN-B0 FP-BRG-6902-LLUMAX-B0 FP-BRG-6900-LLUMAXE-B0
BOLTS:	FP-BLT-M14*20-BLK-V2-R2 FP-BLT-M14*20-BLK-V3-R2 FP-BLT-M10*16.5-BLK-V1
SPACERS:	FP-WSH-SPC-15I*250*3W
FLIP CHIPS:	FP-NUT-FLIPCHIP-4.6MM-V1

### Notes:

- Use **loctite #638** or equivalent on all bearing pockets before assembling to frame  
Spread evenly around the bearing pocket with a round wooden toothpick
- Use **loctite #243** or equivalent on **frame threads** for each bolt during frame assembly  
Spread evenly around the female frame threads with a round wooden toothpick
- All bearings installed during pre-assembly are press fit
- All bearings installed during frame assembly are slip fit
- After assembly clean any excess loctite from the bearings, links, and frame
- After completing the link pre-assembly procedure, align the link with the Frame and install drive side bolts and torque to spec.
- For Frame assembly, install non-drive side bearings and bolts then torque to spec.

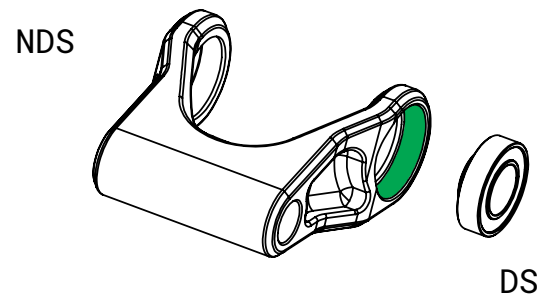
**Do not apply Loctite to bolt threads.**



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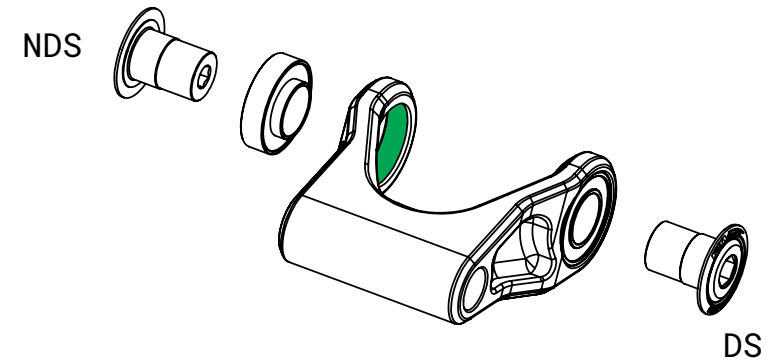
## Pre-Assembly Reference

All Bearings Installed During Pre-Assembly Are Press Fit (Drive Side)



## Frame Assembly Reference

All Bearings Installed During Frame Assembly Are Slip Fit (Non-Drive Side)



### PART NUMBERS:

Lower Link: FP-LNK-LL-50MM-V4-R1  
 Bearings: FP-BRG-6902-LLUMAXECN-B0  
 Bolts: FP-BLT-M14\*20-BLK-V2-R2

### Notes:

- Use **loctite #638** or equivalent on all bearing pockets before assembling to frame  
**Tip:** spread evenly around bearing pocket with a round wooden toothpick
- Use **loctite #243** or equivalent on **frame threads** for each bolt during frame assembly  
**Tip:** spread evenly around the female frame threads with a round wooden toothpick

**Do not apply Loctite to bolt threads.**



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## SLTV2 FRAME ASSEMBLY REFERENCE

-Before any re-assembly clean all surfaces of any dried loctite, dirt, or grease.

-Clean all surfaces with isopropyl alcohol and let dry before assembling.

-Apply Loctite 638 or an equivalent to all bearing pocket when installing bearings. Use a round wooden toothpick to spread the material evenly around the pocket before installing the bearing.

-Press fit bearings are installed during pre-assembly and are shown in **orange**. Slip fit bearings are installed during frame assembly and are shown in **light blue**.

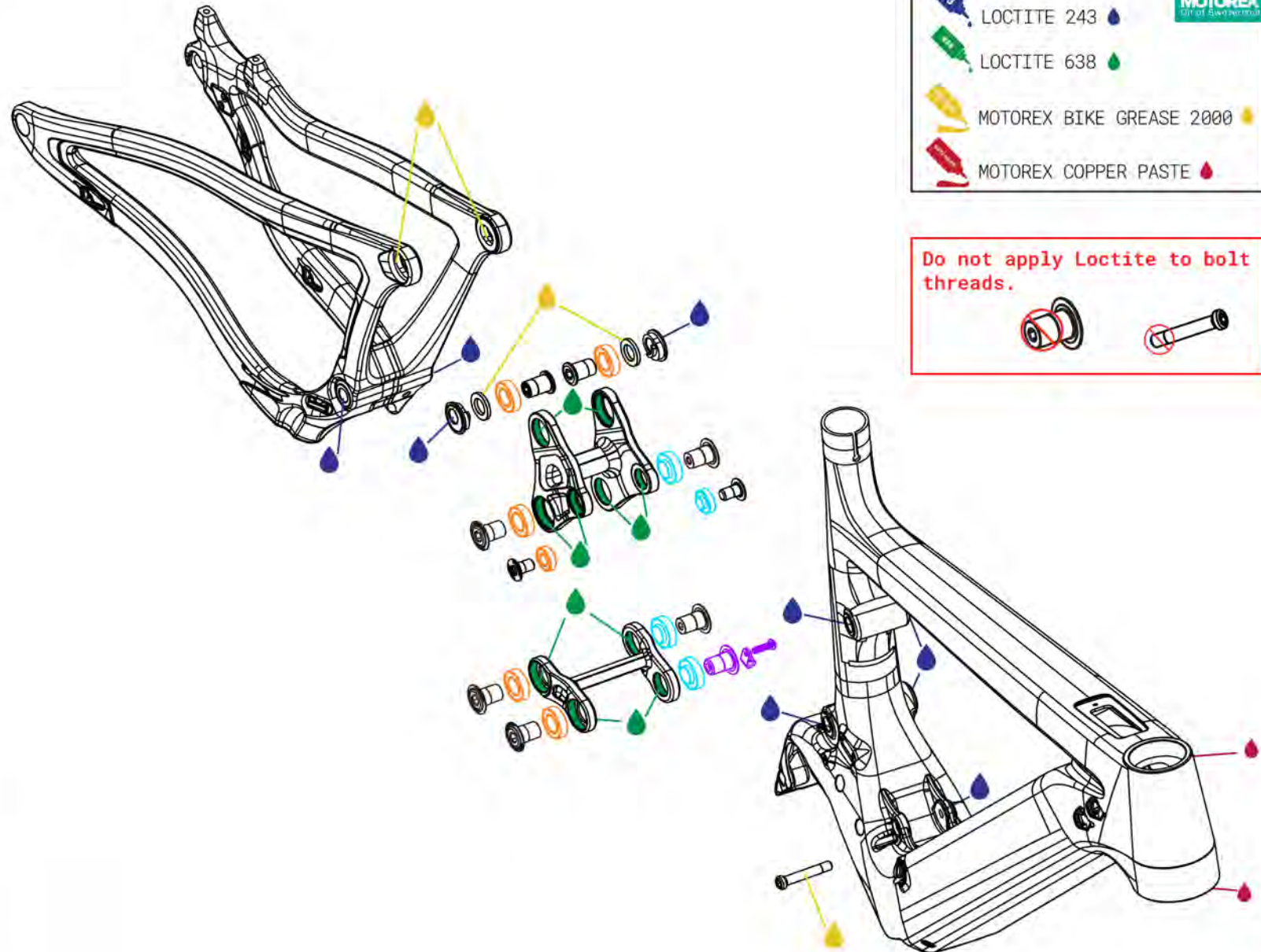
-Apply Loctite 243 or an equivalent to the female threads of the frame, link, or shock, not on the bolt threads. Use a round wooden toothpick to spread the material evenly around the threads.

-Apply Motorex Bike Grease 2000 to the flip chip steel washers, the flip chip pockets and the shaft of the lower shock bolt. Do not grease the shock bolt threads.

-Clean any excess Loctite with a towel and isopropyl alcohol to prevent finish damage.

-Apply Motorex Copper Paste to inner diameter of headset cups.

-NOTE: The front non-drive side lower link bolt has internal threads for the adel cable guide. This bolt and parts indicated in **purple**.

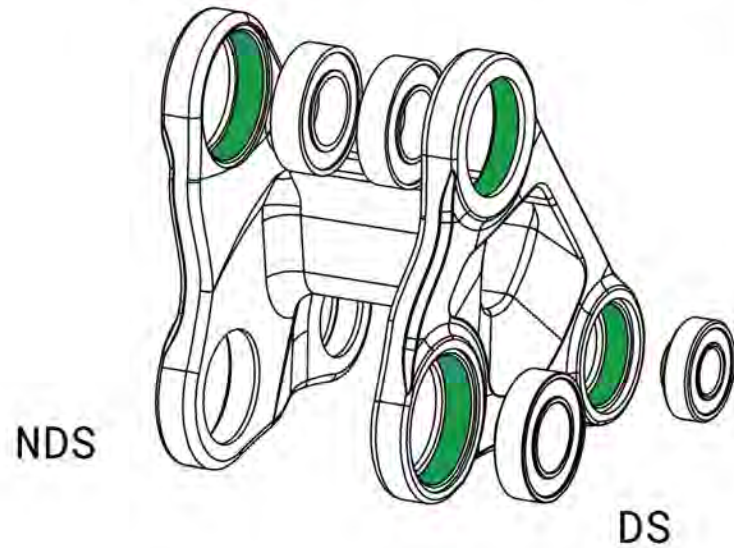


- LOCTITE 243
- LOCTITE 638
- MOTOREX BIKE GREASE 2000
- MOTOREX COPPER PASTE

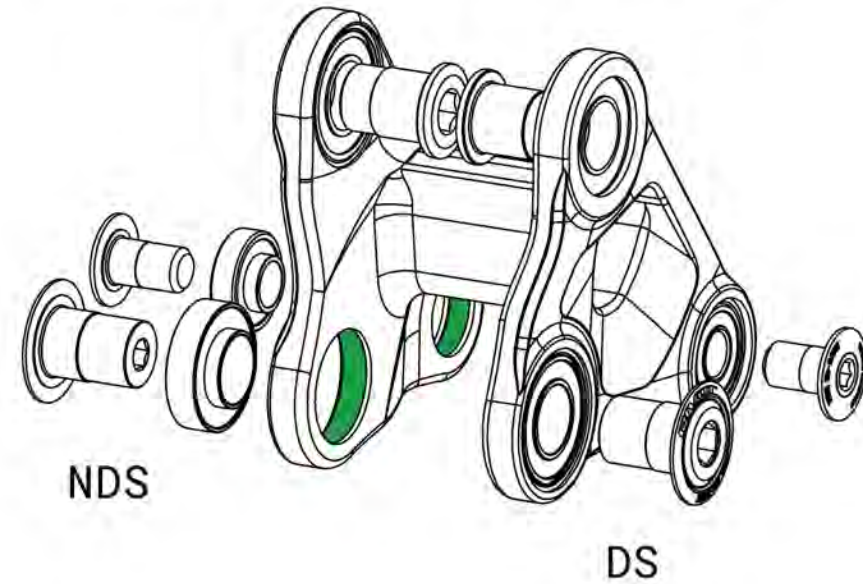
Do not apply Loctite to bolt threads.


Endurobearings	PART NUMBER	QTY
28mm 6902 Extended	FP-BRG-6902-LLUMAXECN	6
28mm 6902 Standard	FP-BRG-6902-LLUMAX	2
22mm 6900 Extended	FP-BRG-6900-LLUMAXE	2

## Pre-Assembly Procedures



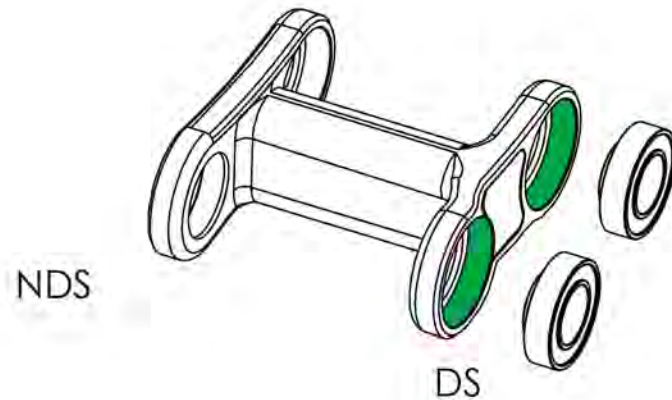
## Frame Assembly Procedures



<p><b>PART NUMBERS:</b></p> <p>LINK: FP-LNK-UL-84MM-V2-R1</p> <p>BEARINGS: FP-BRG-6902-LLUMAXECN FP-BRG-6902-LLUMAX FP-BRG-6900-LLUMAXE</p> <p>BOLTS: FP-BLT-M14*20-BLK-V2-R2 FP-BLT-M14*20-BLK-V3-R2 FP-BLT-M10*16.5-BLK-V1</p> <p>SPACERS: FP-WSH-SPC-15I*250*3W</p> <p>FLIP CHIPS: FP-NUT-FLIPCHIP-4.6MM-V1</p>	<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>-Use <b>loctite #638</b> or equivalent on all bearing pockets before assembling to frame Spread evenly around the bearing pocket with a round wooden toothpick</li> <li>-Use <b>loctite #243</b> or equivalent on <b>frame threads</b> for each bolt during frame assembly Spread evenly around the female frame threads with a round wooden toothpick</li> <li>-All bearings installed during pre-assembly are press fit</li> <li>-All bearings installed during frame assembly are slip fit</li> <li>-After assembly clean any excess loctite from the bearings, links, and frame</li> <li>-After completing the link pre-assembly procedure, align the link with the Frame and install drive side bolts and torque to spec.</li> <li>-For Frame assembly, install non-drive side bearings and bolts then torque to spec.</li> </ul>	<p><b>Do not apply Loctite to bolt threads.</b></p>  <p><b>PIVOT CYCLES</b></p> <p>The information contained in this drawing is the sole property of Pivot cycles and is not to be released without prior written approval.</p>
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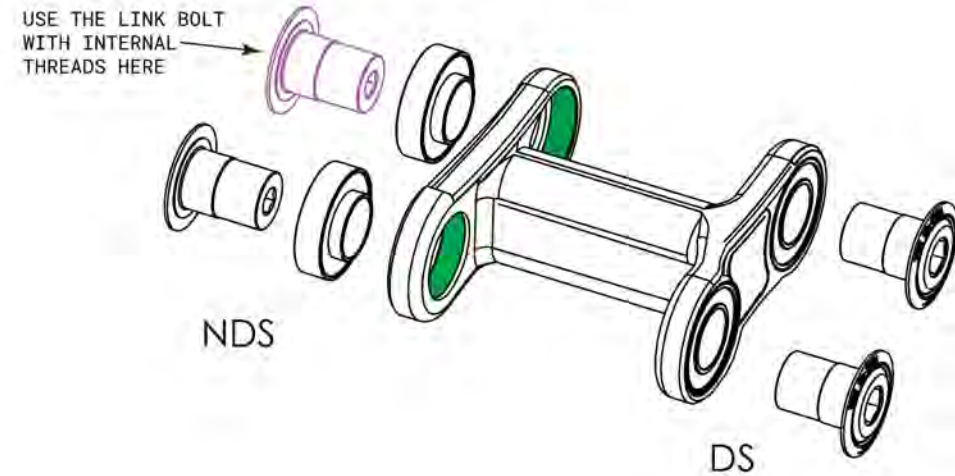
## Pre-Assembly Reference

All Bearings Installed During Pre-Assembly Are Press Fit (Drive Side)



## Frame Assembly Reference

All Bearings Installed During Frame Assembly Are Slip Fit (Non-Drive Side)



### PART NUMBERS:

Lower Link: FP-LNK-LL-50MM-V2-V1  
 Lower Link Protector: FP-PRO-LL-50MM-V2-R1  
 Bearings: FP-BRG-6902-LLUMAXECN  
 Bolts: FP-BLT-M14\*20-BLK-V2-R2  
 FP-BLT-M14\*28-BLK-V4-R1

### Notes:

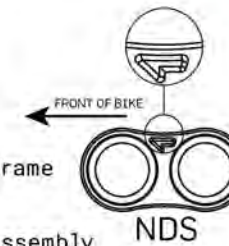
- Lower links are marked with an arrow on the non-drive side.  
 The link should be oriented where the arrow points to the front triangle.

-Use **loctite #638** or equivalent on all bearing pockets before assembling to frame

**Tip:** spread evenly around bearing pocket with a round wooden toothpick

-Use **loctite #243** or equivalent on **frame threads** for each bolt during frame assembly

**Tip:** spread evenly around the female frame threads with a round wooden toothpick



Do not apply Loctite to bolt threads.



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## SLTV1 FRAME ASSEMBLY REFERENCE

-Before any re-assembly clean all surfaces of any dried loctite, dirt, or grease.

-Clean all surfaces with isopropyl alcohol and let dry before assembling.

-Apply Loctite 638 or an equivalent to all bearing pocket when installing bearings. Use a round wooden toothpick to spread the material evenly around the pocket before installing the bearing.

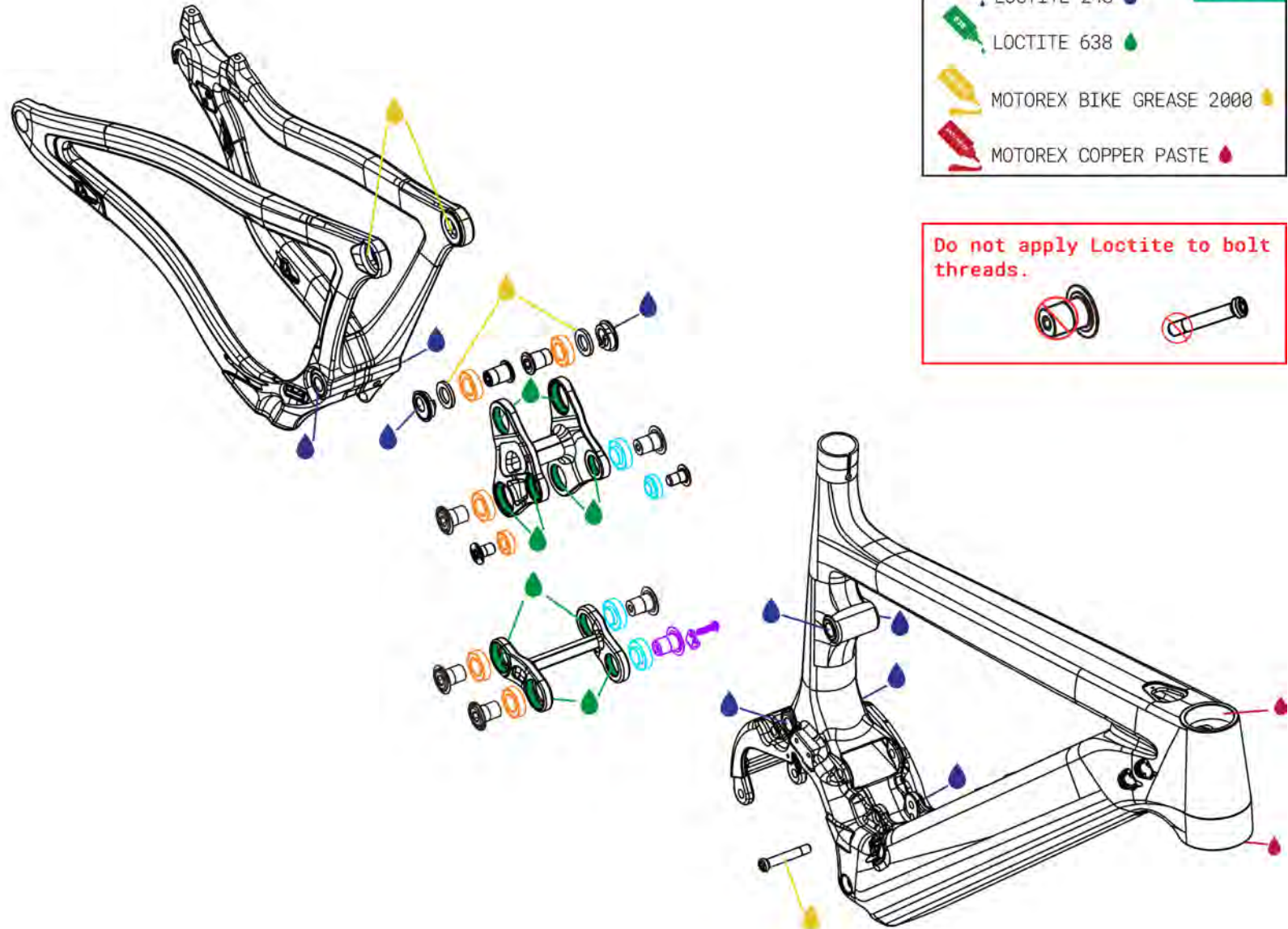
-Press fit bearings are installed during pre-assembly and are shown in **orange**. Slip fit bearings are installed during frame assembly and are shown in **light blue**.

-Apply Loctite 243 or an equivalent to the female threads of the frame, link, or shock, not on the bolt threads. Use a round wooden toothpick to spread the material evenly around the threads.

-Apply Motorex Bike Grease 2000 to the flip chip steel washers, the flip chip pockets and the shaft of the lower shock bolt. Do not grease the shock bolt threads.

-Clean any excess Loctite with a towel and isopropyl alcohol to prevent finish damage.

-Apply Motorex Copper Paste to inner diameter of headtube before installing headset cups.

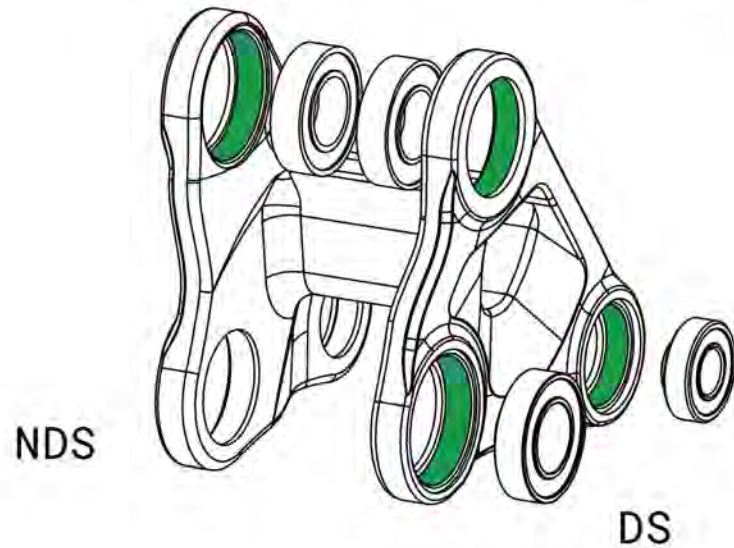


	LOCTITE 243		LOCTITE 638	
	MOTOREX BIKE GREASE 2000		MOTOREX COPPER PASTE	

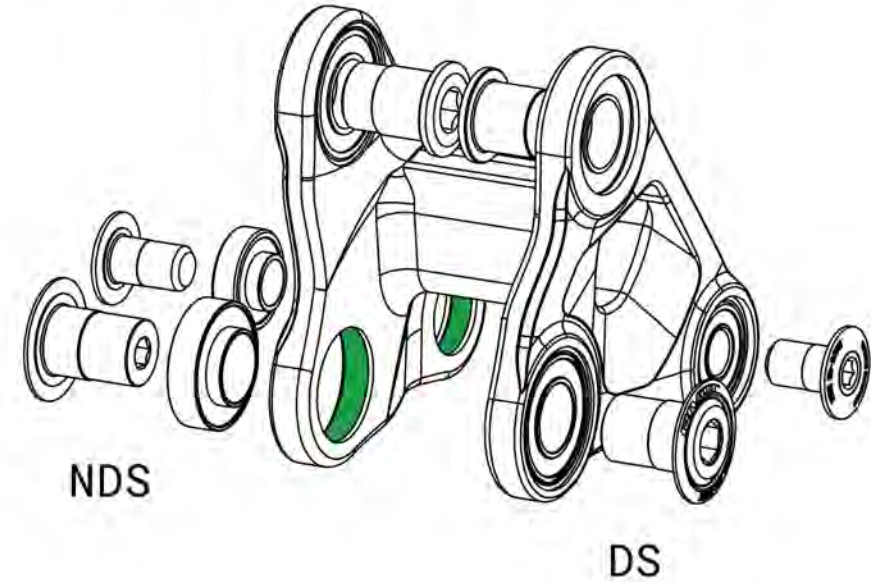
Do not apply Loctite to bolt threads.


Endurobearings	PART NUMBER	QTY
28mm 6902 Extended	FP-BRG-6902-LLUMAXECN	6
28mm 6902 Standard	FP-BRG-6902-LLUMAX	2
22mm 6900 Extended	FP-BRG-6900-LLUMAXE	2

## Pre-Assembly Procedures



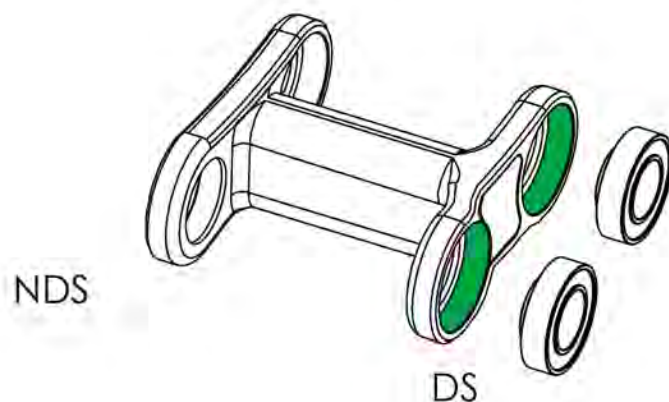
## Frame Assembly Procedures



<p><b>PART NUMBERS:</b></p> <p>LINK: FP-LNK-UL-84MM-V1-R1</p> <p>BEARINGS: FP-BRG-6902-LLUMAXECN FP-BRG-6902-LLUMAX FP-BRG-6900-LLUMAXE</p> <p>BOLTS: FP-BLT-M14*20-BLK-V2-R2 FP-BLT-M14*20-BLK-V3-R2 FP-BLT-M10*16.5-BLK-V1</p> <p>SPACERS: FP-WSH-SPC-15I*250*3W</p> <p>FLIP CHIPS: FP-NUT-FLIPCHIP-4.6MM-V1</p>	<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>-Use <b>loctite #638</b> or equivalent on all bearing pockets before assembling to frame Spread evenly around the bearing pocket with a round wooden toothpick</li> <li>-Use <b>loctite #243</b> or equivalent on <b>frame threads</b> for each bolt during frame assembly Spread evenly around the female frame threads with a round wooden toothpick</li> <li>-All bearings installed during pre-assembly are press fit</li> <li>-All bearings installed during frame assembly are slip fit</li> <li>-After assembly clean any excess loctite from the bearings, links, and frame</li> <li>-After completing the link pre-assembly procedure, align the link with the Frame and install drive side bolts and torque to spec.</li> <li>-For Frame assembly, install non-drive side bearings and bolts then torque to spec.</li> </ul>	<p><b>Do not apply Loctite to bolt threads.</b></p>  <p><b>PIVOT CYCLES</b></p> <p>The information contained in this drawing is the sole property of Pivot cycles and is not to be released without prior written approval.</p>
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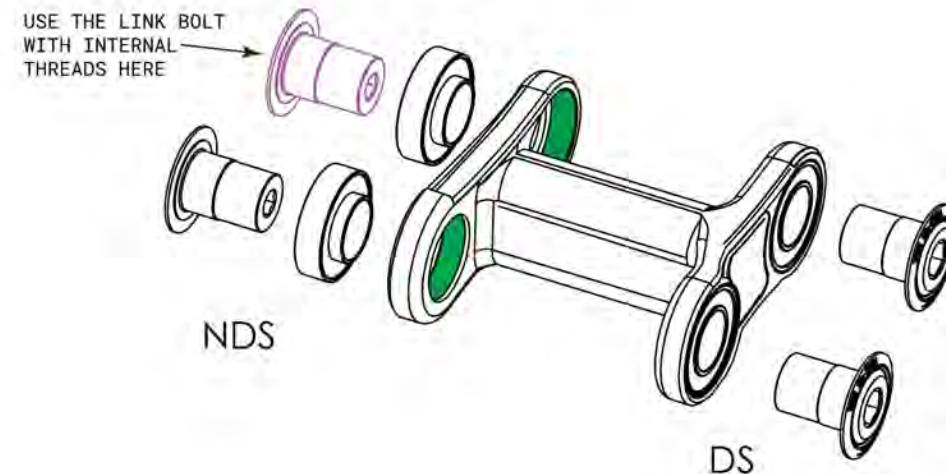
## Pre-Assembly Reference

All Bearings Installed During Pre-Assembly Are Press Fit (Drive Side)



## Frame Assembly Reference

All Bearings Installed During Frame Assembly Are Slip Fit (Non-Drive Side)



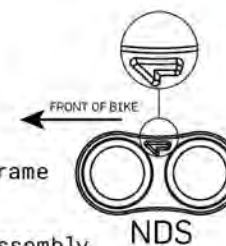
### PART NUMBERS:

Lower Link: FP-LNK-LL-50MM-V2-V1  
 Lower Link Protector: FP-PRO-LL-50MM-V2-R1  
 Bearings: FP-BRG-6902-LLUMAXECN  
 Bolts: FP-BLT-M14\*20-BLK-V2-R2  
 FP-BLT-M14\*20-BLK-V4-R1

### Notes:

- Lower links are marked with an arrow on the non-drive side.  
 The link should be oriented where the arrow points to the front triangle.

- Use **loctite #638** or equivalent on all bearing pockets before assembling to frame
- Tip:** spread evenly around bearing pocket with a round wooden toothpick
- Use **loctite #243** or equivalent on **frame threads** for each bolt during frame assembly
- Tip:** spread evenly around the female frame threads with a round wooden toothpick



Do not apply Loctite to bolt threads.



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# Shuttle SL

## SSLV1 FRAME ASSEMBLY REFERENCE

-Before any re-assembly clean all surfaces of any dried loctite, dirt, or grease.

-Clean all surfaces with isopropyl alcohol and let dry before assembling.

-Apply Loctite 638 or an equivalent to all bearing pocket when installing bearings. Use a round wooden toothpick to spread the material evenly around the pocket before installing the bearing.

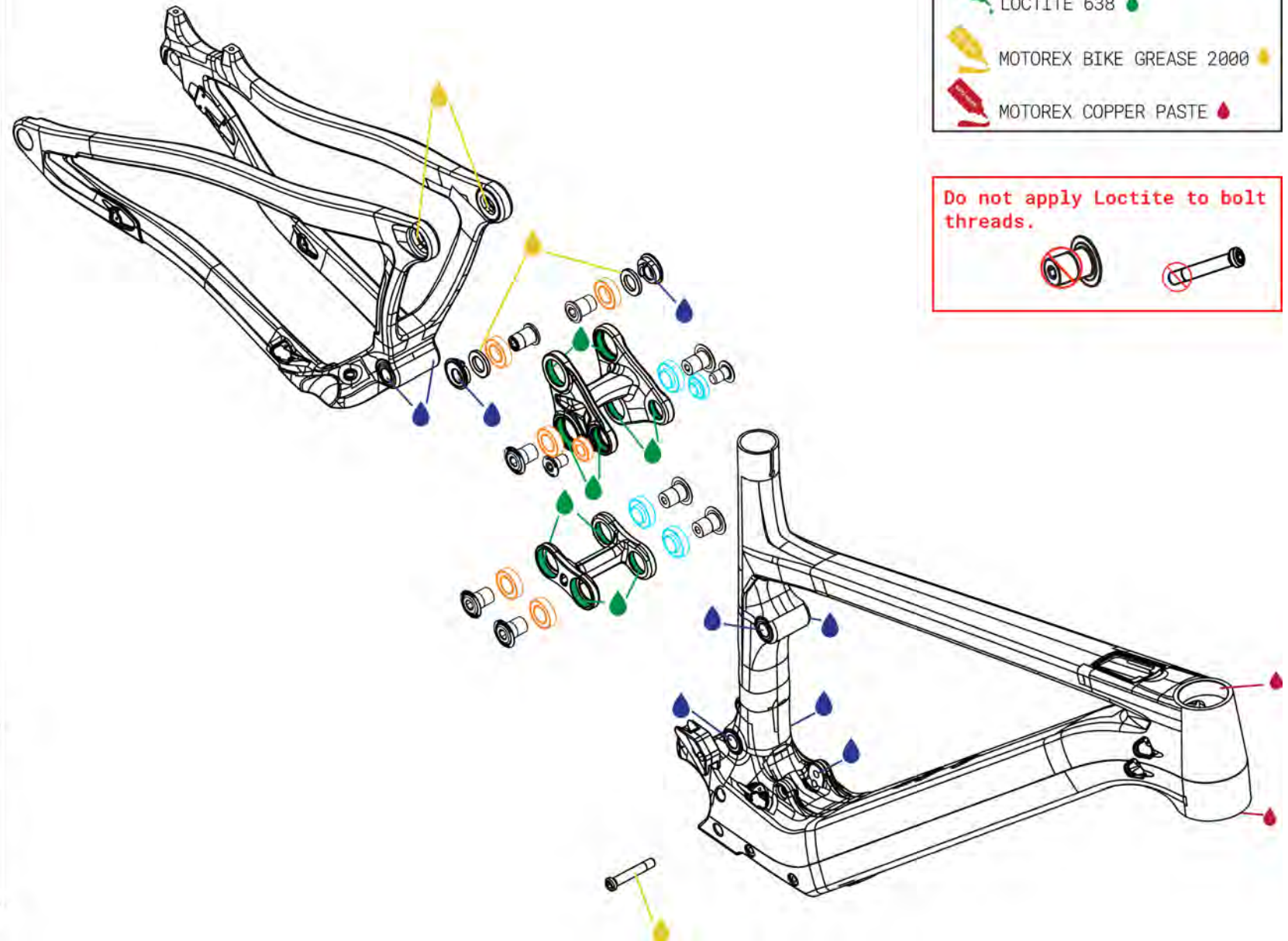
-Press fit bearings are installed during pre-assembly and are shown in **orange**. Slip fit bearings are installed during frame assembly and are shown in **light blue**.

-Apply Loctite 243 or an equivalent to the female threads of the frame, link, or shock, not on the bolt threads. Use a round wooden toothpick to spread the material evenly around the threads.

-Apply Motorex Bike Grease 2000 to the flip chip steel washers, the flip chip pockets and the shaft of the lower shock bolt. Do not grease the shock bolt threads.

-Clean any excess Loctite with a towel and isopropyl alcohol to prevent finish damage.

-Apply Motorex Copper Paste to inner diameter of headtube before installing headset cups.

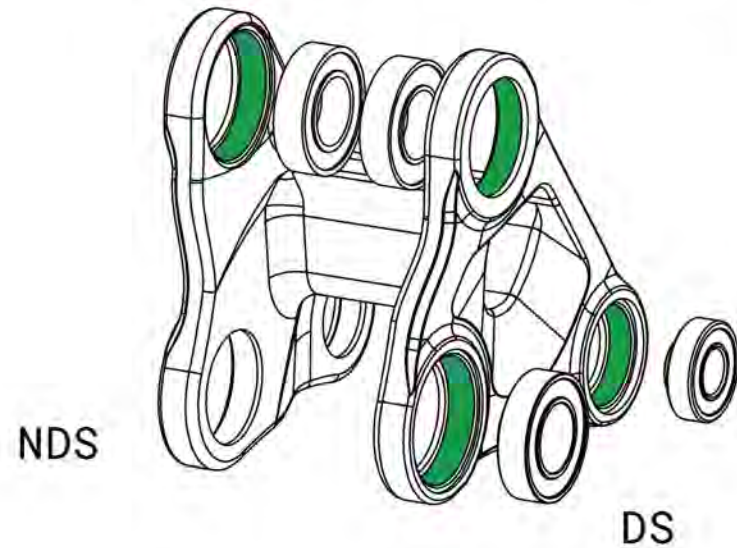


	LOCTITE 243		
	LOCTITE 638		
	MOTOREX BIKE GREASE 2000		
	MOTOREX COPPER PASTE		

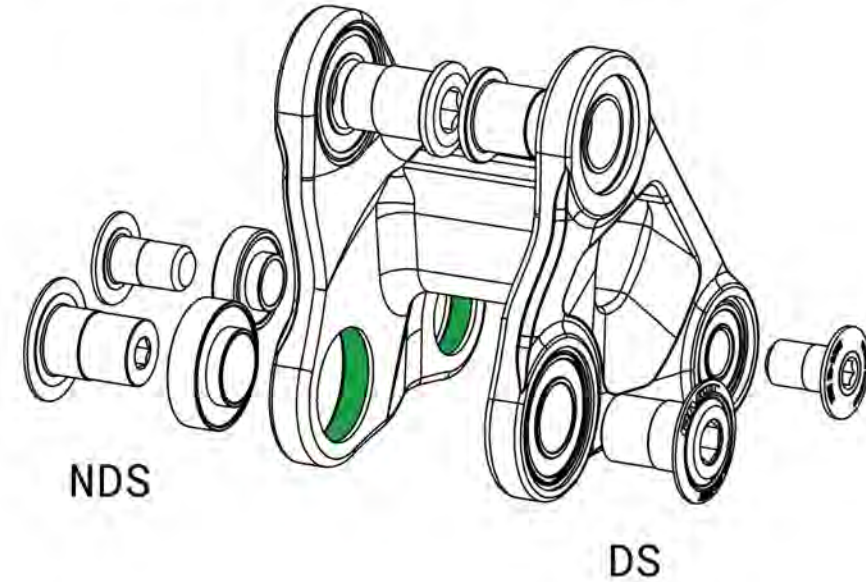
Do not apply Loctite to bolt threads.



Endurobearings	PART NUMBER	QTY
28mm 6902 Extended	FP-BRG-6902-LLUMAXECN	6
28mm 6902 Standard	FP-BRG-6902-LLUMAX	2
22mm 6900 Extended	FP-BRG-6900-LLUMAXE	2

## Pre-Assembly Procedures



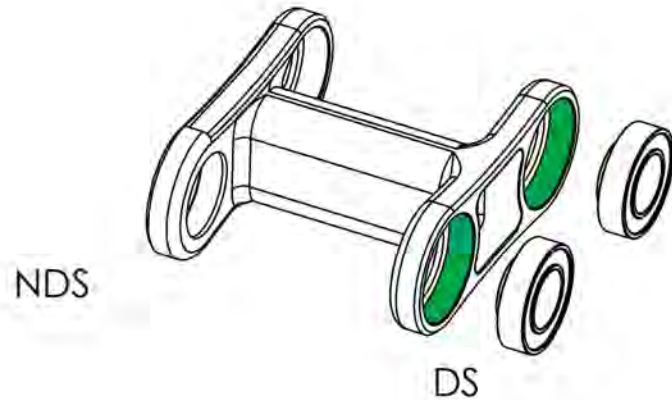
## Frame Assembly Procedures



<p><b>PART NUMBERS:</b></p> <p>LINK: FP-LNK-UL-61MM-V1-R1</p> <p>BEARINGS: FP-BRG-6902-LLUMAXECN FP-BRG-6902-LLUMAX FP-BRG-6900-LLUMAXE</p> <p>BOLTS: FP-BLT-M14*20-BLK-V2-R2 FP-BLT-M14*20-BLK-V3-R2 FP-BLT-M10*16.5-BLK-V1</p> <p>SPACERS: FP-WSH-SPC-15I*250*3W</p> <p>FLIP CHIPS: FP-NUT-FLIPCHIP-4.6MM-V1</p>	<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>-Use <b>loctite #638</b> or equivalent on all bearing pockets before assembling to frame Spread evenly around the bearing pocket with a round wooden toothpick</li> <li>-Use <b>loctite #243</b> or equivalent on <b>frame threads</b> for each bolt during frame assembly Spread evenly around the female frame threads with a round wooden toothpick</li> <li>-All bearings installed during pre-assembly are press fit</li> <li>-All bearings installed during frame assembly are slip fit</li> <li>-After assembly clean any excess loctite from the bearings, links, and frame</li> <li>-After completing the link pre-assembly procedure, align the link with the Frame and install drive side bolts and torque to spec.</li> <li>-For Frame assembly, install non-drive side bearings and bolts then torque to spec.</li> </ul>	<p><b>Do not apply Loctite to bolt threads.</b></p>  <p></p> <p>The information contained in this drawing is the sole property of Pivot cycles and is not to be released without prior written approval.</p>
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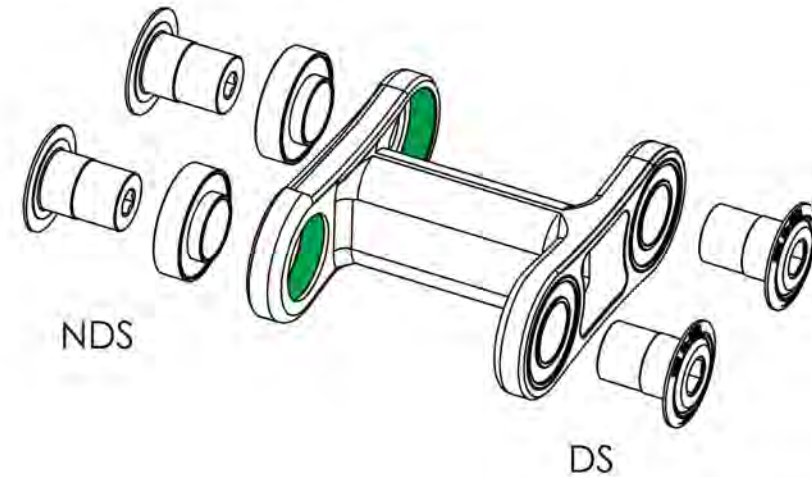
## Pre-Assembly Reference

All Bearings Installed During Pre-Assembly Are Press Fit (Drive Side)



## Frame Assembly Reference

All Bearings Installed During Frame Assembly Are Slip Fit (Non-Drive Side)



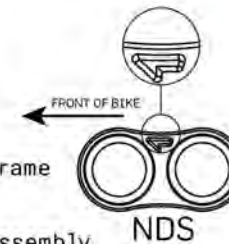
### PART NUMBERS:

Lower Link: FP-LNK-LL-45MM-V2-R1  
 LL Protector: FP-PRO-45MM-LL-V2-R1  
 Bearings: FP-BRG-6902-LLUMAXEON  
 Bolts: FP-BLT-M14\*20-BLK-V2-R2

### Notes:

- Lower links are marked with an arrow on the non-drive side.  
 The link should be oriented where the arrow points to the front triangle.

- Use **loctite #638** or equivalent on all bearing pockets before assembling to frame  
**Tip:** spread evenly around bearing pocket with a round wooden toothpick
- Use **loctite #243** or equivalent on **frame threads** for each bolt during frame assembly  
**Tip:** spread evenly around the female frame threads with a round wooden toothpick



**Do not apply Loctite to bolt threads.**



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## SHTV6 FRAME ASSEMBLY REFERENCE

-Before any re-assembly clean all surfaces of any dried loctite, dirt, or grease.

-Clean all surfaces with isopropyl alcohol and let dry before assembling.

-Apply Loctite 638 or an equivalent to all bearing pocket when installing bearings. Use a round wooden toothpick to spread the material evenly around the pocket before installing the bearing.

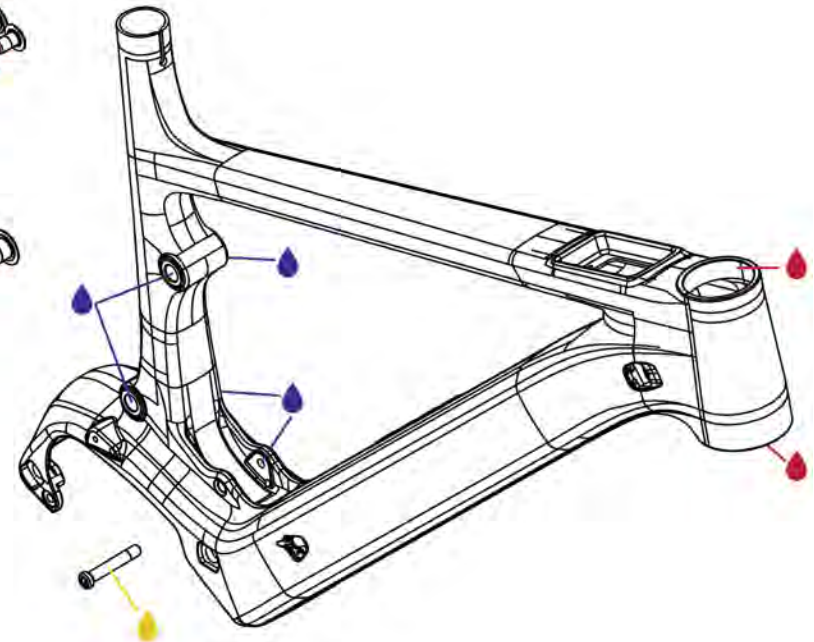
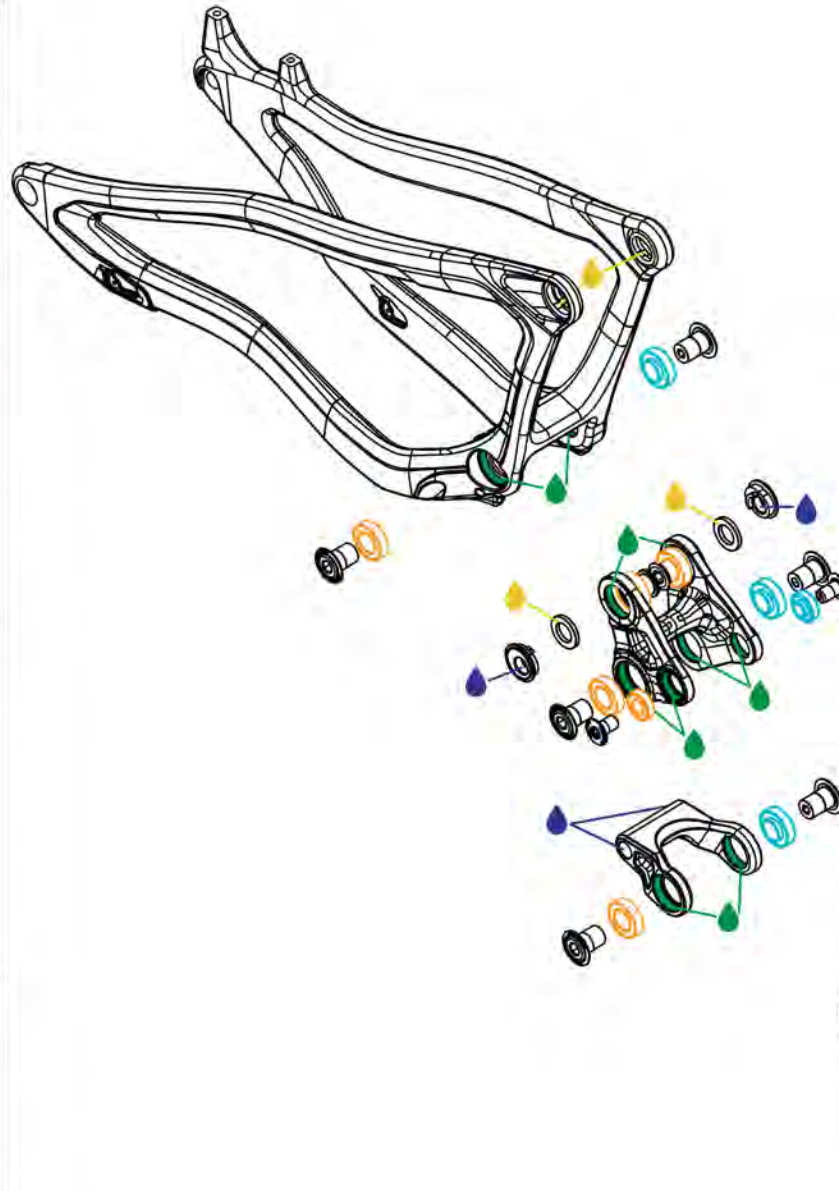
-Press fit bearings are installed during pre-assembly and are shown in **orange**. Slip fit bearings are installed during frame assembly and are shown in **light blue**.

-Apply Loctite 243 or an equivalent to the female threads of the frame, link, or shock, not on the bolt threads. Use a round wooden toothpick to spread the material evenly around the threads.

-Apply Motorex Bike Grease 2000 to the flip chip steel washers, the flip chip pockets and the shaft of the lower shock bolt. Do not grease the shock bolt threads.

-Clean any excess Loctite with a towel and isopropyl alcohol to prevent finish damage.

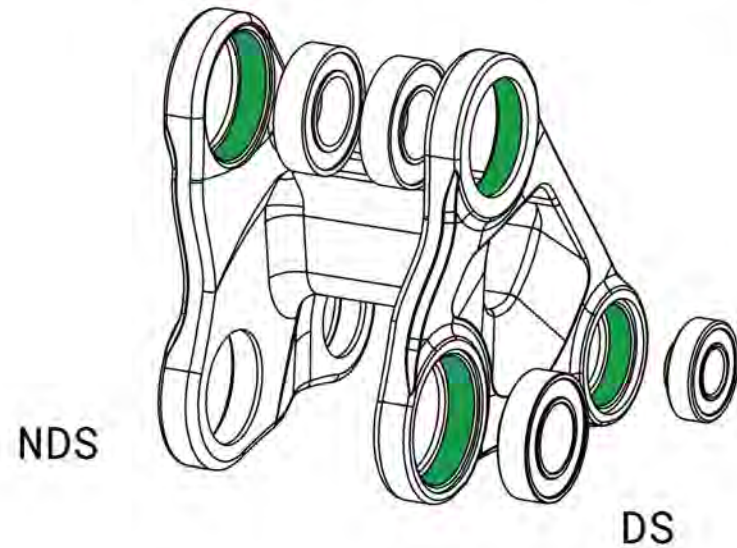
-Apply Motorex Copper Paste to inner diameter of headtube before installing headset cups.



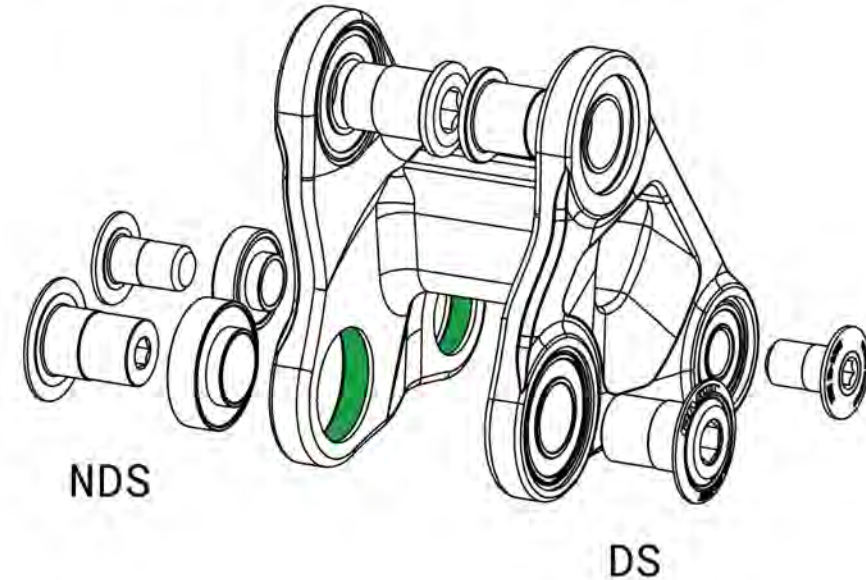
PART NUMBER QTY



28mm 6902 Extended	FP-BRG-6902-LLUMAXECN	6
28mm 6902 Standard	FP-BRG-6902-LLUMAX	2
22mm 6900 Extended	FP-BRG-6900-LLUMAXE	2

## Pre-Assembly Procedures



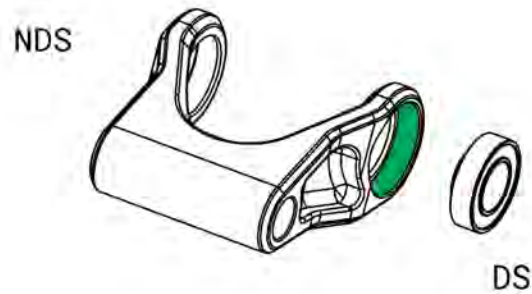
## Frame Assembly Procedures



<p><b>PART NUMBERS:</b></p> <p>LINK: FP-LNK-UL-66MM-V1-R1</p> <p>BEARINGS: FP-BRG-6902-LLUMAXECN FP-BRG-6902-LLUMAX FP-BRG-6900-LLUMAXE</p> <p>BOLTS: FP-BLT-M14*20-BLK-V2-R2 FP-BLT-M14*20-BLK-V3-R2 FP-BLT-M10*16.5-BLK-V1</p> <p>SPACERS: FP-WSH-SPC-15I*250*3W</p> <p>FLIP CHIPS: FP-NUT-FLIPCHIP-4.6MM-V1</p>	<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>-Use <b>loctite #638</b> or equivalent on all bearing pockets before assembling to frame Spread evenly around the bearing pocket with a round wooden toothpick</li> <li>-Use <b>loctite #243</b> or equivalent on <b>frame threads</b> for each bolt during frame assembly Spread evenly around the female frame threads with a round wooden toothpick</li> <li>-All bearings installed during pre-assembly are press fit</li> <li>-All bearings installed during frame assembly are slip fit</li> <li>-After assembly clean any excess loctite from the bearings, links, and frame</li> <li>-After completing the link pre-assembly procedure, align the link with the Frame and install drive side bolts and torque to spec.</li> <li>-For Frame assembly, install non-drive side bearings and bolts then torque to spec.</li> </ul>	<p><b>Do not apply Loctite to bolt threads.</b></p>  <p></p> <p>The information contained in this drawing is the sole property of Pivot cycles and is not to be released without prior written approval.</p>
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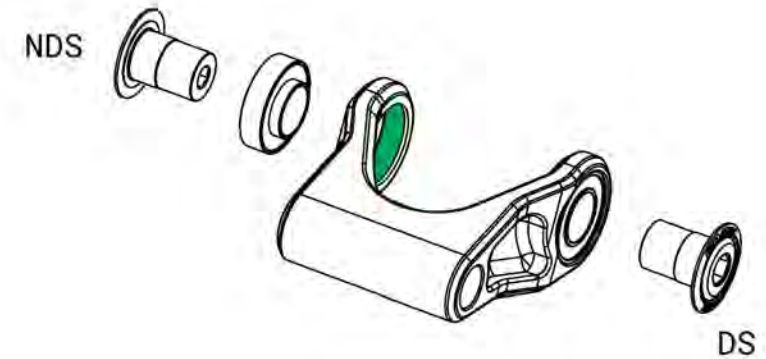
## Pre-Assembly Reference

All Bearings Installed During Pre-Assembly Are Press Fit (Drive Side)



## Frame Assembly Reference

All Bearings Installed During Frame Assembly Are Slip Fit (Non-Drive Side)



### PART NUMBERS:

Lower Link: FP-LNK-LL-50MM-V4-R1  
 Bearings: FP-BRG-6902-LLUMAXECN  
 Bolts: FP-BLT-M14\*20-BLK-V2-R2

### Notes:

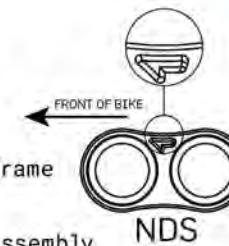
- Lower links are marked with an arrow on the non-drive side.  
 The link should be oriented where the arrow points to the front triangle.

-Use **loctite #638** or equivalent on all bearing pockets before assembling to frame

**Tip:** spread evenly around bearing pocket with a round wooden toothpick

-Use **loctite #243** or equivalent on **frame threads** for each bolt during frame assembly

**Tip:** spread evenly around the female frame threads with a round wooden toothpick



**Do not apply Loctite to bolt threads.**



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## SHTV1-V3 FRAME ASSEMBLY REFERENCE

-Before any re-assembly clean all surfaces of any dried loctite, dirt, or grease.

-Clean all surfaces with isopropyl alcohol and let dry before assembling.

-Apply Loctite 638 or an equivalent to all bearing pocket when installing bearings. Use a round wooden toothpick to spread the material evenly around the pocket before installing the bearing.

-Press fit bearings are installed during pre-assembly and are shown in **orange**. Slip fit bearings are installed during frame assembly and are shown in **light blue**.

-Apply Loctite 243 or an equivalent to the female threads of the frame, link, or shock, not on the bolt threads. Use a round wooden toothpick to spread the material evenly around the threads.

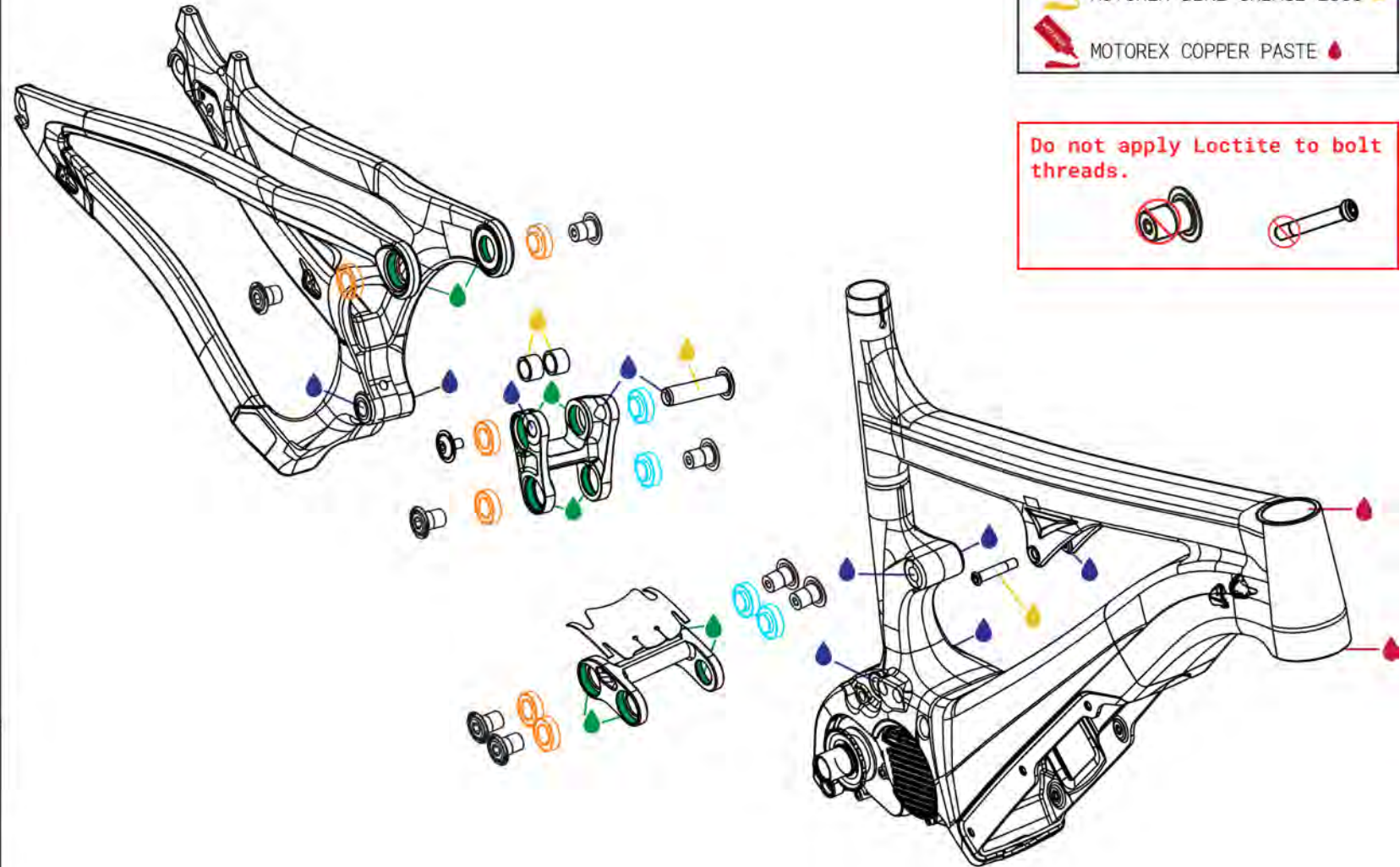
-Apply Motorex Bike Grease 2000 to the shaft of the rear shock pin and spacers. Also apply to the front shock bolt.

-Clean any excess Loctite with a towel and isopropyl alcohol to prevent finish damage.

-Apply Motorex Copper Paste to inner diameter of headtube before installing headset cups.

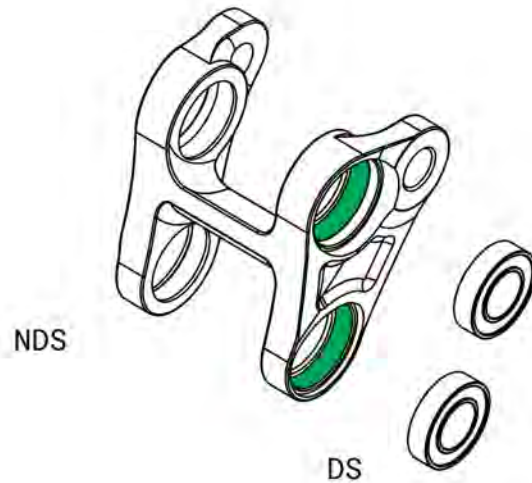
- LOCTITE 243
- LOCTITE 638
- MOTOREX BIKE GREASE 2000
- MOTOREX COPPER PASTE

Do not apply Loctite to bolt threads.

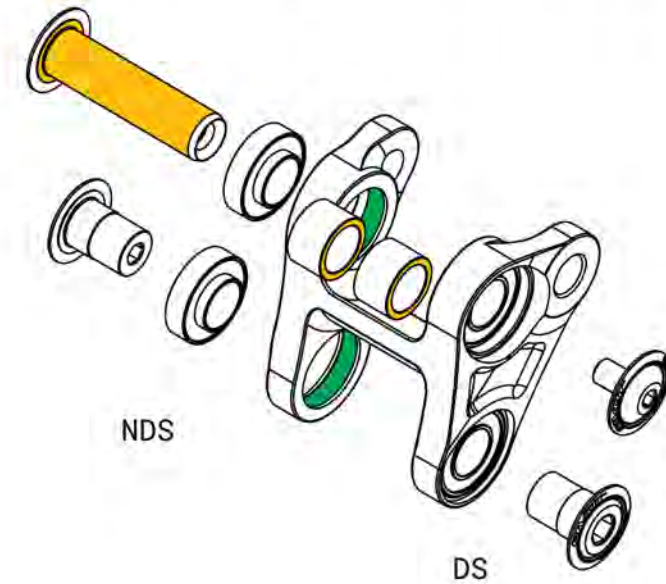




Endurobearings	PART NUMBER	QTY
28mm 6902 Extended	FP-BRG-6902-LLUMAXECN	1 0

## Pre-Assembly Procedures



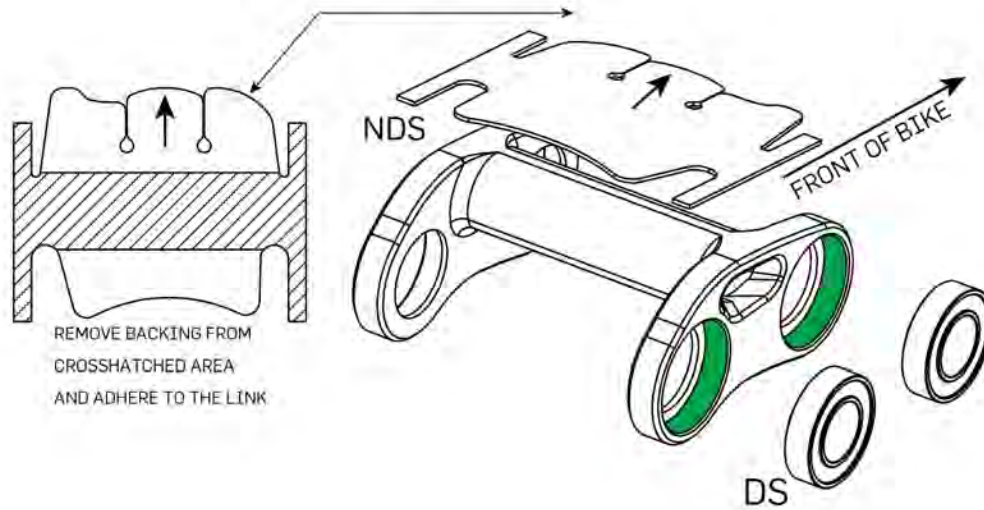
## Frame Assembly Procedures



<p><b>PART NUMBERS:</b></p> <p>LINK: FP-LNK-UL-70MM-DSM-R1</p> <p>BEARINGS: FP-BRG-6902-LLUMAXECN</p> <p>BOLTS: FP-PIN-SHK-M8*150-BLK FP-BLT-M8*12-BLK FP-BLT-M14*20-BLK-V2</p> <p>SPACERS: FP-WSH-SPC-M15*13</p>	<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>-Use <b>loctite #638</b> or equivalent on all bearing pockets before assembling to frame Spread evenly around the bearing pocket with a round wooden toothpick</li> <li>-Use <b>loctite #243</b> or equivalent on <b>frame threads</b> for each bolt during frame assembly Spread evenly around the female frame threads with a round wooden toothpick</li> <li>-Use <b>Motorex bike grease 200W</b> or equivalent waterproof grease on the shock pin and spacers</li> <li>-All bearings installed during pre-assembly are press fit</li> <li>-All bearings installed during frame assembly are slip fit</li> <li>-After assembly clean any excess loctite from the bearings, links, and frame</li> <li>-After completing the link pre-assembly procedure, align the link with the Frame and install drive side bolts and torque to spec.</li> </ul>	<p><b>Do not apply Loctite to bolt threads.</b></p>  <p></p> <p>The information contained in this drawing is the sole property of Pivot cycles and is not to be released without prior written approval.</p>
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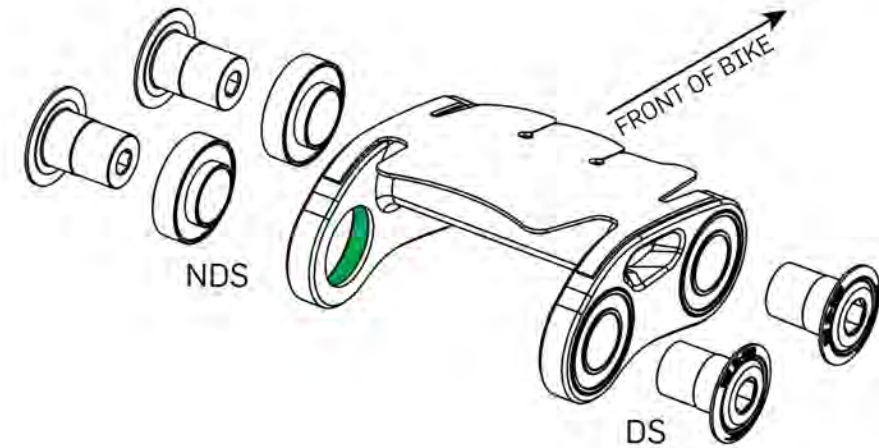
## Pre-Assembly Reference

All Bearings Installed During Pre-Assembly Are Press Fit (Drive Side)



## Frame Assembly Reference

All Bearings Installed During Frame Assembly Are Slip Fit (Non-Drive Side)



### PART NUMBERS:

Lower Link: FP-LNK-LL-50MM-V1  
 Lower Link Protector: FP-PRO-LL-V1-R1  
 Bearings: FP-BRG-6902-LLUMAXECN  
 Bolts: FP-BLT-M14\*20-BLK-V2-R2

### Notes:

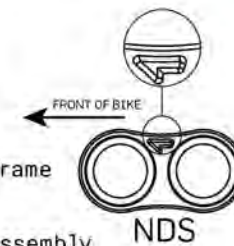
- Lower links are marked with an arrow on the non-drive side.  
 The link should be oriented where the arrow points to the front triangle.

-Use **loctite #638** or equivalent on all bearing pockets before assembling to frame

**Tip:** spread evenly around bearing pocket with a round wooden toothpick

-Use **loctite #243** or equivalent on frame threads for each bolt during frame assembly

**Tip:** spread evenly around the female frame threads with a round wooden toothpick



Do not apply Loctite to bolt threads.



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## SWBV6 FRAME ASSEMBLY REFERENCE

-Before any re-assembly clean all surfaces of any dried loctite, dirt, or grease.

-Clean all surfaces with isopropyl alcohol and let dry before assembling.

-Apply Loctite 638 or an equivalent to all bearing pocket when installing bearings. Use a round wooden toothpick to spread the material evenly around the pocket before installing the bearing.

-Press fit bearings are installed during pre-assembly and are shown in **orange**. Slip fit bearings are installed during frame assembly and are shown in **light blue**.

-Apply Loctite 243 or an equivalent to the female threads of the frame, link, or shock, not on the bolt threads. Use a round wooden toothpick to spread the material evenly around the threads.

-Apply Motorex Bike Grease 2000 to the flip chip steel washers, the flip chip pockets and the shaft of the lower shock bolt. Do not grease the shock bolt threads.

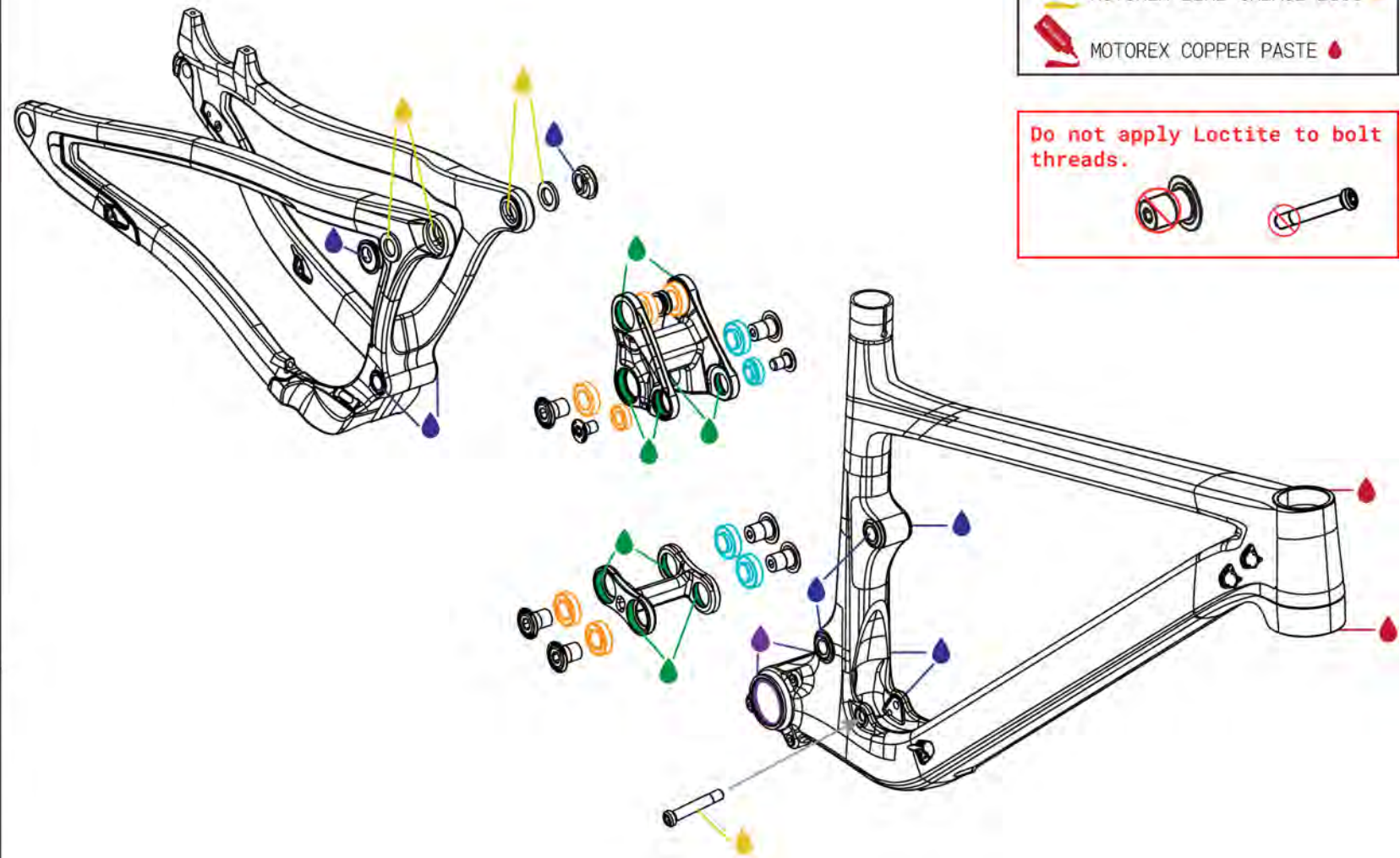
-Clean any excess Loctite with a towel and isopropyl alcohol to prevent finish damage.

-Apply Loctite 222 or an equivalent to the inner diameter of the bottom bracket shell before installing BB cups.

-Apply Motorex Copper Paste to inner diameter of headset cups.

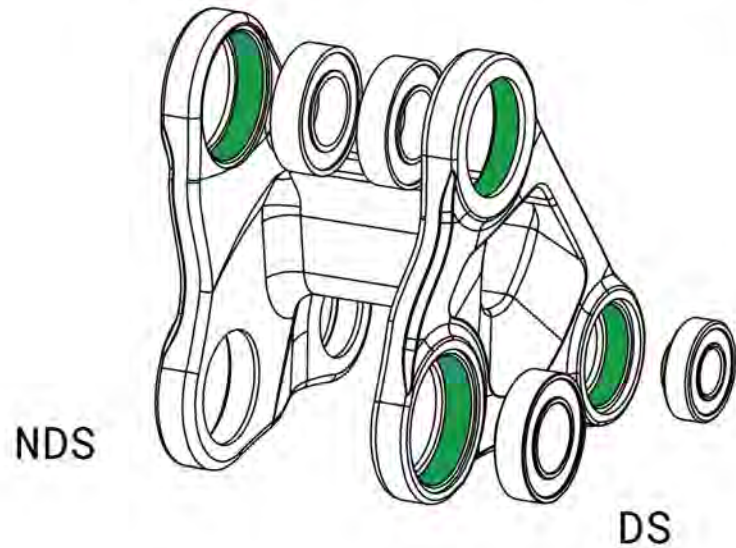
- LOCTITE 222
- LOCTITE 243
- LOCTITE 638
- MOTOREX BIKE GREASE 2000
- MOTOREX COPPER PASTE

Do not apply Loctite to bolt threads.

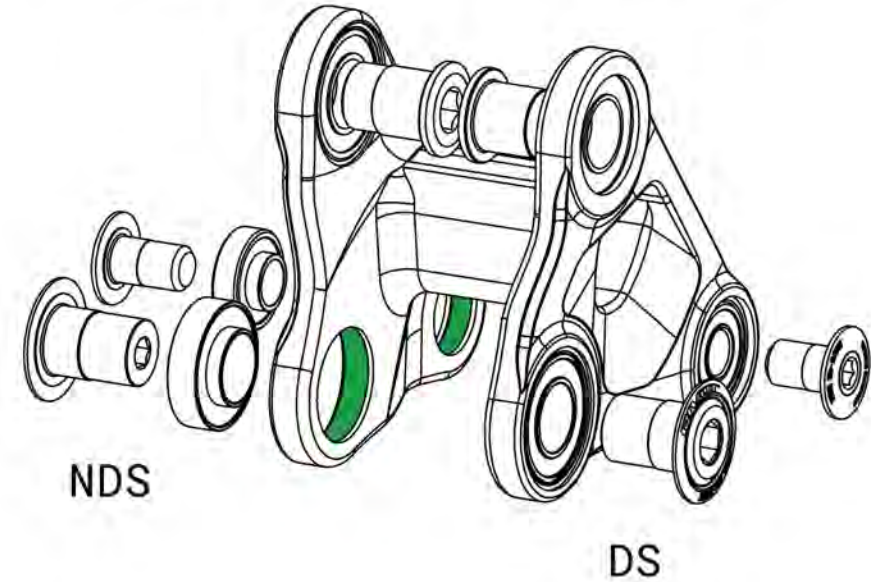




Endurobearings	PART NUMBER	QTY
28mm 6902 Extended	FP-BRG-6902-LLUMAXECN	6
28mm 6902 Standard	FP-BRG-6902-LLUMAX	2
22mm 6900 Extended	FP-BRG-6900-LLUMAXE	2

## Pre-Assembly Procedures



## Frame Assembly Procedures

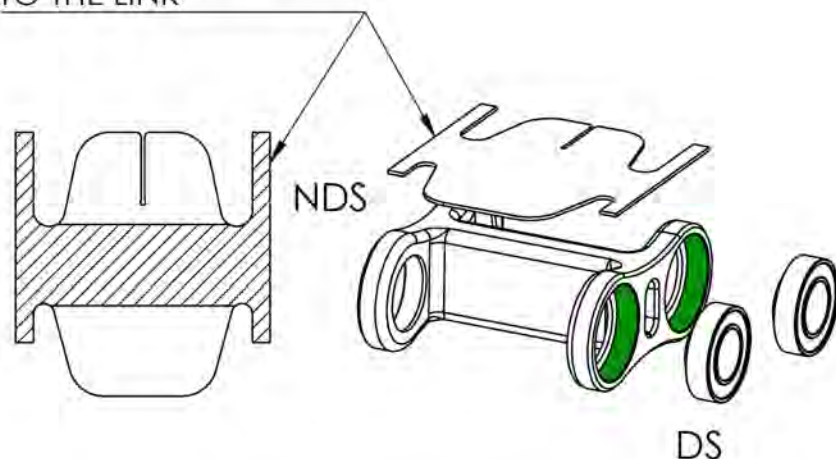


<p><b>PART NUMBERS:</b></p> <p>LINK: FP-LNK-UL-66.7MM-V1-R1</p> <p>BEARINGS: FP-BRG-6902-LLUMAXECN FP-BRG-6902-LLUMAX FP-BRG-6900-LLUMAXE</p> <p>BOLTS: FP-BLT-M14*20-BLK-V2-R2 FP-BLT-M14*20-BLK-V3-R2 FP-BLT-M10*16.5-BLK-V1</p> <p>SPACERS: FP-WSH-SPC-15I*250*3W</p> <p>FLIP CHIPS: FP-NUT-FLIPCHIP-4.6MM-V1</p>	<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>-Use <b>loctite #638</b> or equivalent on all bearing pockets before assembling to frame Spread evenly around the bearing pocket with a round wooden toothpick</li> <li>-Use <b>loctite #243</b> or equivalent on <b>frame threads</b> for each bolt during frame assembly Spread evenly around the female frame threads with a round wooden toothpick</li> <li>-All bearings installed during pre-assembly are press fit</li> <li>-All bearings installed during frame assembly are slip fit</li> <li>-After assembly clean any excess loctite from the bearings, links, and frame</li> <li>-After completing the link pre-assembly procedure, align the link with the Frame and install drive side bolts and torque to spec.</li> <li>-For Frame assembly, install non-drive side bearings and bolts then torque to spec.</li> </ul>	<p><b>Do not apply Loctite to bolt threads.</b></p>  <p></p> <p>The information contained in this drawing is the sole property of Pivot cycles and is not to be released without prior written approval.</p>
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## Pre-Assembly Reference

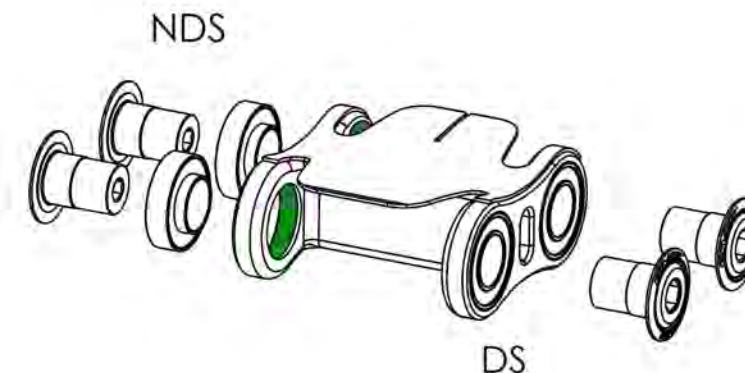
All Bearings Installed During Pre-Assembly Are Press Fit (Drive Side)

REMOVE BACKING FROM CROSSHATCHED AREA AND ADHERE TO THE LINK



## Frame Assembly Reference

All Bearings Installed During Frame Assembly Are Slip Fit (Non-Drive Side)



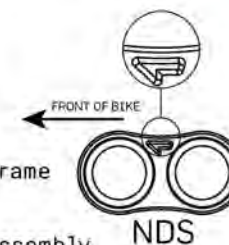
### PART NUMBERS:

Lower Link: FP-LNK-LL-45MM-V3-R1  
 LL Protector: FP-PRO-45MM-EXT-LL-V1-R1  
 Bearings: FP-BRG-6902-LLUMAXECN  
 Bolts: FP-BLT-M14\*20-BLK-V2-R2

### Notes:

- Lower links are marked with an arrow on the non-drive side.  
 The link should be oriented where the arrow points to the front triangle.

- Use **loctite #638** or equivalent on all bearing pockets before assembling to frame
- Tip:** spread evenly around bearing pocket with a round wooden toothpick
- Use **loctite #243** or equivalent on **frame threads** for each bolt during frame assembly
- Tip:** spread evenly around the female frame threads with a round wooden toothpick



Do not apply Loctite to bolt threads.



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## SWBV4-V5 FRAME ASSEMBLY REFERENCE

-Before any re-assembly clean all surfaces of any dried loctite, dirt, or grease.

-Clean all surfaces with isopropyl alcohol and let dry before assembling.

-Apply Loctite 638 or an equivalent to all bearing pocket when installing bearings. Use a round wooden toothpick to spread the material evenly around the pocket before installing the bearing.

-Press fit bearings are installed during pre-assembly and are shown in **orange**. Slip fit bearings are installed during frame assembly and are shown in **light blue**.

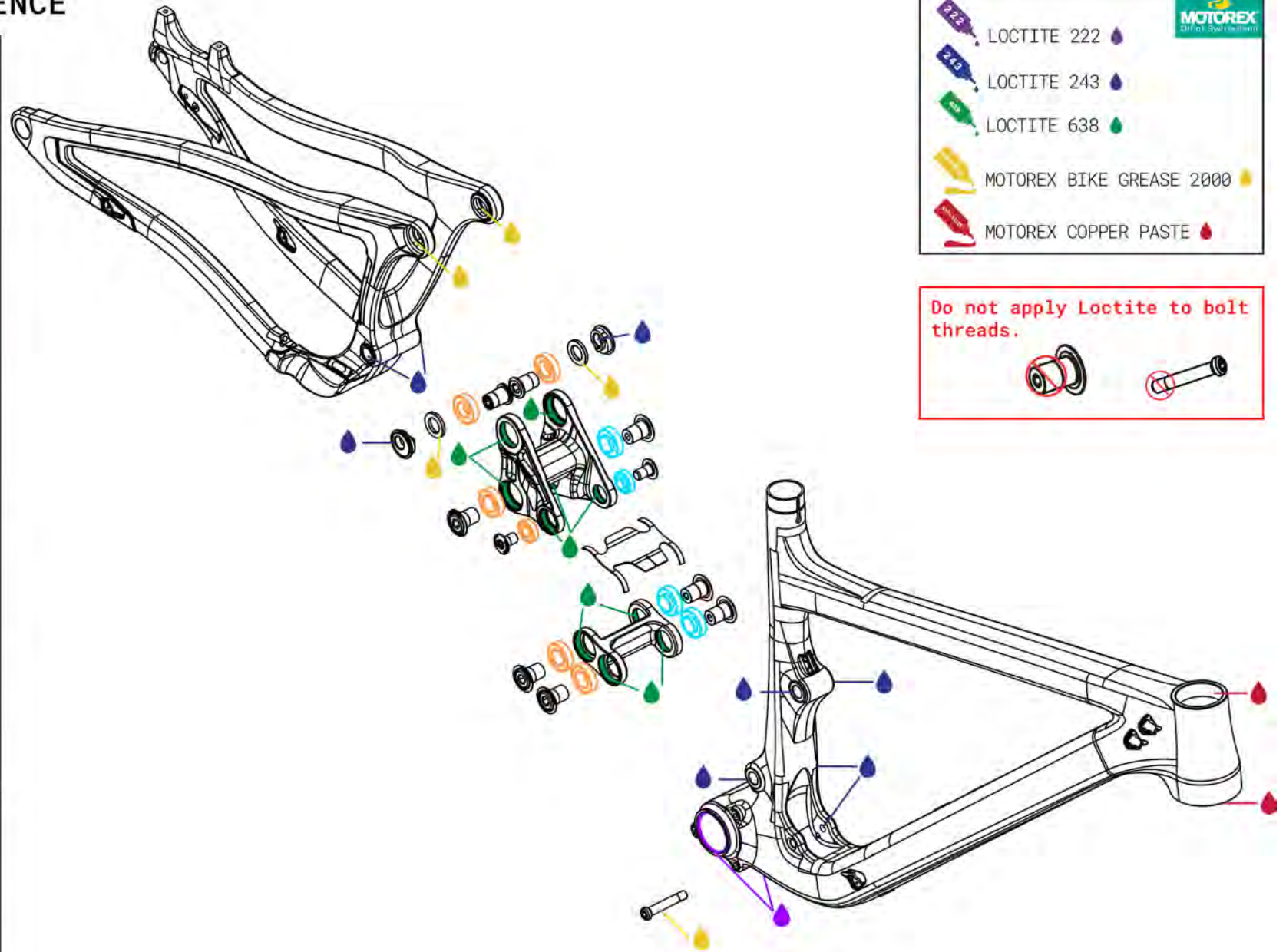
-Apply Loctite 243 or an equivalent to the female threads of the frame, link, or shock, not on the bolt threads. Use a round wooden toothpick to spread the material evenly around the threads.

-Apply Motorex Bike Grease 2000 to the flip chip steel washers, the flip chip pockets and the shaft of the lower shock bolt. Do not grease the shock bolt threads.

-Clean any excess Loctite with a towel and isopropyl alcohol to prevent finish damage.

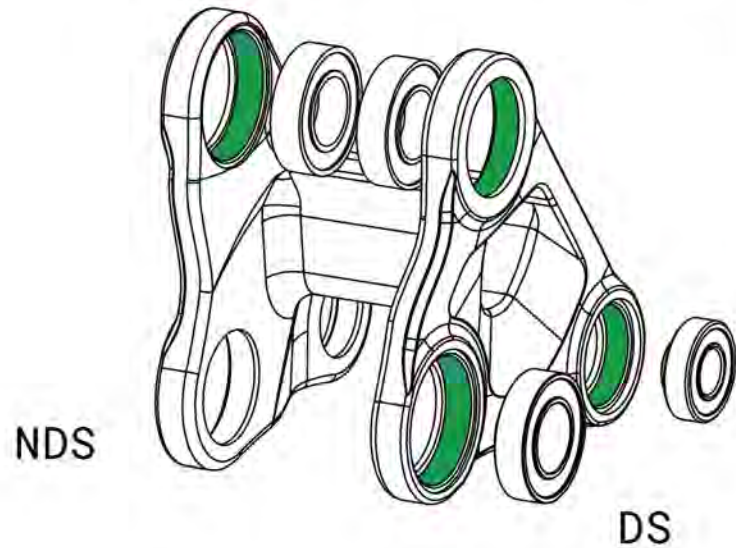
-Apply Loctite 222 or an equivalent to the inner diameter of the bottom bracket shell before installing BB cups.

-Apply Motorex Copper Paste to inner diameter of headtube before installing headset cups.

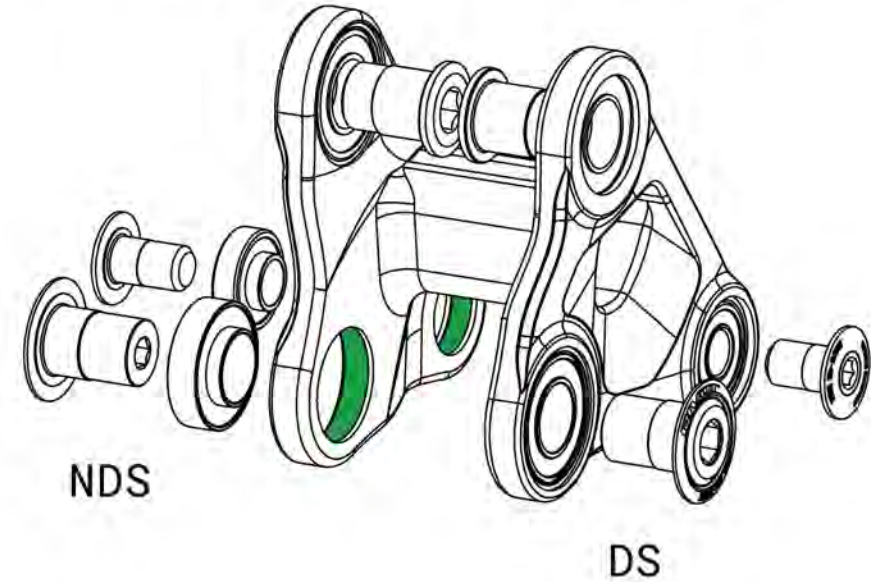




	PART NUMBER	QTY
28mm 6902 Extended	FP-BRG-6902-LLUMAXECN	6
28mm 6902 Standard	FP-BRG-6902-LLUMAX	2
22mm 6900 Extended	FP-BRG-6900-LLUMAXE	2

## Pre-Assembly Procedures



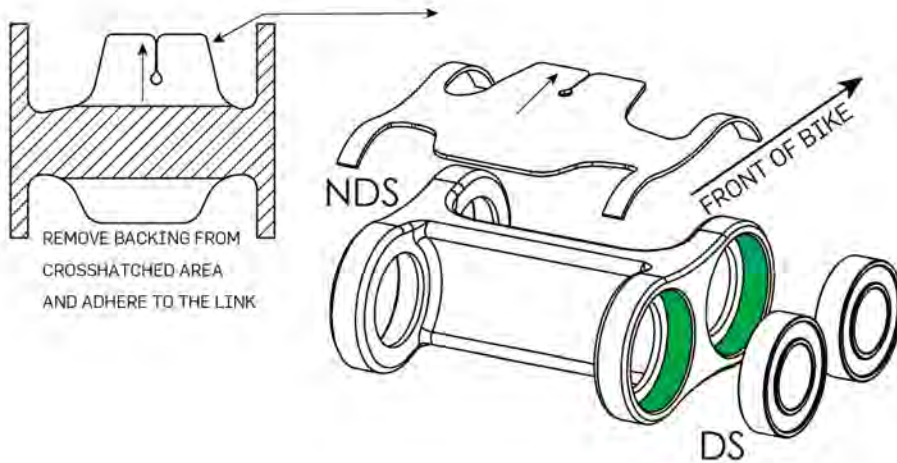
## Frame Assembly Procedures



<p><b>PART NUMBERS:</b></p> <p>LINK: FP-LNK-UL-72MM-V1-R1</p> <p>BEARINGS: FP-BRG-6902-LLUMAXECN FP-BRG-6902-LLUMAX FP-BRG-6900-LLUMAXE</p> <p>BOLTS: FP-BLT-M14*20-BLK-V2-R2 FP-BLT-M14*20-BLK-V3-R2 FP-BLT-M10*16.5-BLK-V1</p> <p>SPACERS: FP-WSH-SPC-15I*250*3W</p> <p>FLIP CHIPS: FP-NUT-FLIPCHIP-4.6MM-V1</p>	<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>-Use <b>loctite #638</b> or equivalent on all bearing pockets before assembling to frame Spread evenly around the bearing pocket with a round wooden toothpick</li> <li>-Use <b>loctite #243</b> or equivalent on <b>frame threads</b> for each bolt during frame assembly Spread evenly around the female frame threads with a round wooden toothpick</li> <li>-All bearings installed during pre-assembly are press fit</li> <li>-All bearings installed during frame assembly are slip fit</li> <li>-After assembly clean any excess loctite from the bearings, links, and frame</li> <li>-After completing the link pre-assembly procedure, align the link with the Frame and install drive side bolts and torque to spec.</li> <li>-For Frame assembly, install non-drive side bearings and bolts then torque to spec.</li> </ul>	<p><b>Do not apply Loctite to bolt threads.</b></p>  <p></p> <p>The information contained in this drawing is the sole property of Pivot cycles and is not to be released without prior written approval.</p>
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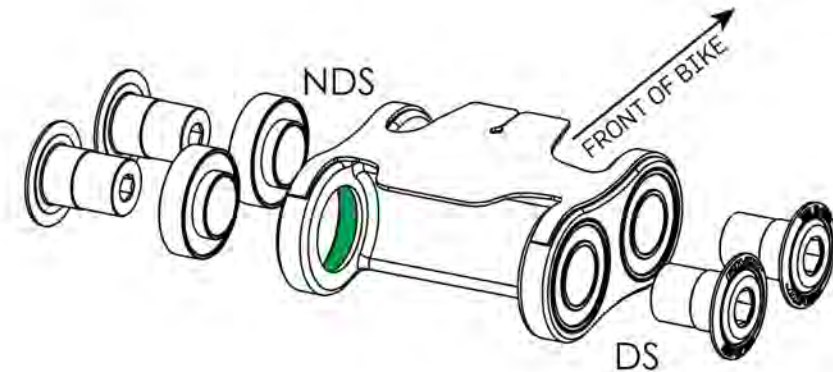
## Pre-Assembly Reference

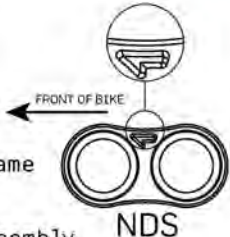


All Bearings Installed During Pre-Assembly Are Press Fit (Drive Side)



## Frame Assembly Reference

All Bearings Installed During Frame Assembly Are Slip Fit (Non-Drive Side)



<p><b>PART NUMBERS:</b></p> <p>Lower Link: FP-LNK-LL-34MM-EXT-V1                  LL Protector: FP-PRO-34MM-EXT-LL-V2-R1                  Bearings: FP-BRG-6902-LLUMAXECN                  Bolts: FP-BLT-M14*20-BLK-V2-R2</p>	<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>- Lower links are marked with an arrow on the non-drive side. The link should be oriented where the arrow points to the front triangle.</li> <li>-Use <b>loctite #638</b> or equivalent on all bearing pockets before assembling to frame</li> <li><b>Tip:</b> spread evenly around bearing pocket with a round wooden toothpick</li> <li>-Use <b>loctite #243</b> or equivalent on <b>frame threads</b> for each bolt during frame assembly</li> <li><b>Tip:</b> spread evenly around the female frame threads with a round wooden toothpick</li> </ul> 	<p><b>Do not apply Loctite to bolt threads.</b></p>   <p>The information contained in this drawing is the sole property of Pivot cycles and is not to be released without prior written approval.</p>
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## TLCV3 FRAME ASSEMBLY REFERENCE

-Before any re-assembly clean all surfaces of any dried loctite, dirt, or grease.

-Clean all surfaces with isopropyl alcohol and let dry before assembling.

-Apply Loctite 638 or an equivalent to all bearing pocket when installing bearings. Use a round wooden toothpick to spread the material evenly around the pocket before installing the bearing.

-Press fit bearings are installed during pre-assembly and are shown in **orange**. Slip fit bearings are installed during frame assembly and are shown in **light blue**.

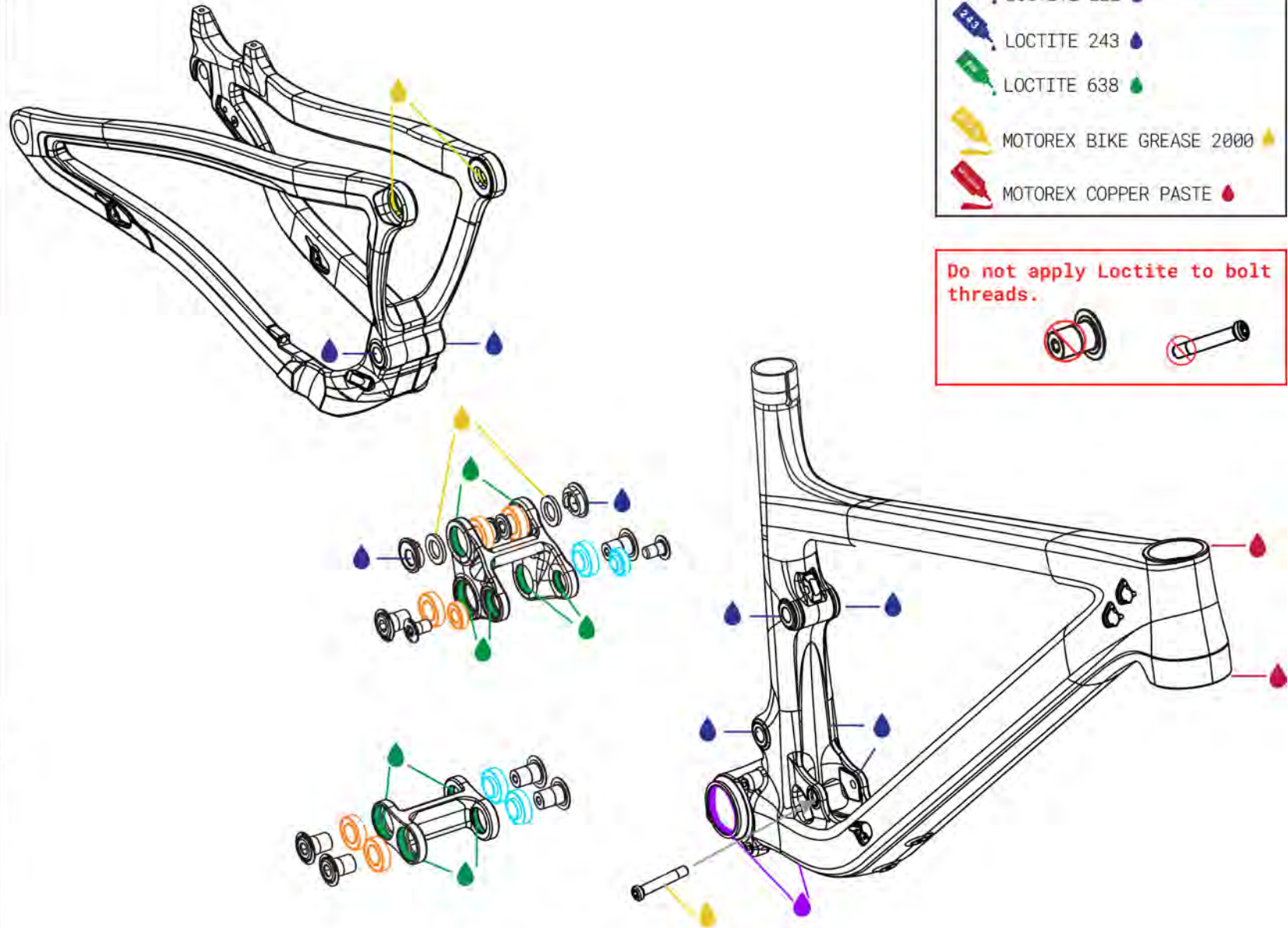
-Apply Loctite 243 or an equivalent to the female threads of the frame, link, or shock, not on the bolt threads. Use a round wooden toothpick to spread the material evenly around the threads.

-Apply Motorex Bike Grease 2000 to the flip chip steel washers, the flip chip pockets and the shaft of the lower shock bolt. Do not grease the shock bolt threads.

-Clean any excess Loctite with a towel and isopropyl alcohol to prevent finish damage.

-Apply Loctite 222 or an equivalent to the inner diameter of the bottom bracket shell before installing BB cups.

-Apply Motorex Copper Paste to inner diameter of headset cups.

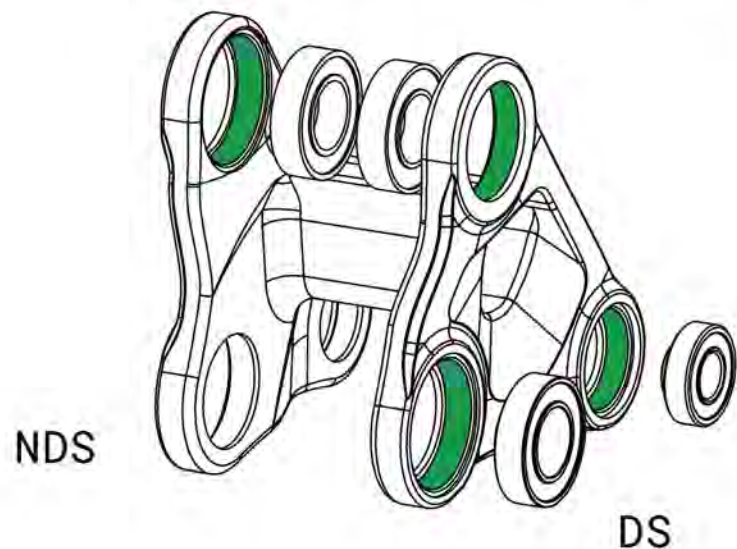


	LOCTITE 222		
	LOCTITE 243		
	LOCTITE 638		
	MOTOREX BIKE GREASE 2000		
	MOTOREX COPPER PASTE		

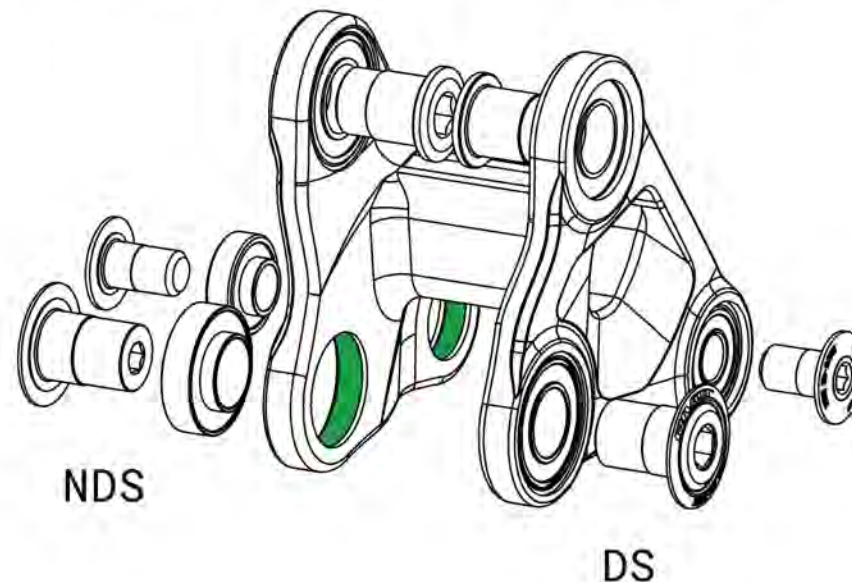
**Do not apply Loctite to bolt threads.**



Endurobearings	PART NUMBER	QTY
28mm 6902 Extended	FP-BRG-6902-LLUMAXECN	6
28mm 6902 Standard	FP-BRG-6902-LLUMAX	2
22mm 6900 Extended	FP-BRG-6900-LLUMAXE	2

Pre-Assembly Procedures



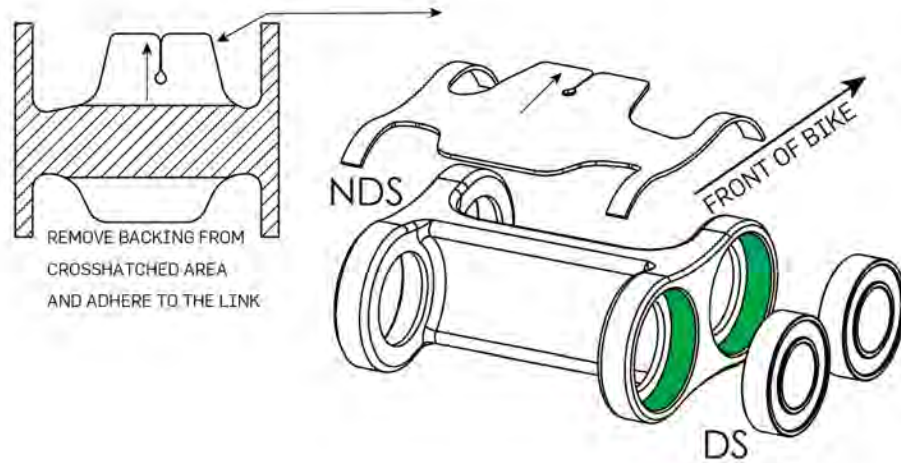
Frame Assembly Procedures



<p><b>PART NUMBERS:</b></p> <p>LINK: FP-LNK-UL-49.5MM-V1-R1</p> <p>BEARINGS: FP-BRG-6902-LLUMAXECN FP-BRG-6902-LLUMAX FP-BRG-6900-LLUMAXE</p> <p>BOLTS: FP-BLT-M14*20-BLK-V2-R2 FP-BLT-M14*20-BLK-V3-R2 FP-BLT-M10*16.5-BLK-V1</p> <p>SPACERS: FP-WSH-SPC-15I*250*3W</p> <p>FLIP CHIPS: FP-NUT-FLIPCHIP-4.6MM-V1</p>	<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>-Use <b>loctite #638</b> or equivalent on all bearing pockets before assembling to frame Spread evenly around the bearing pocket with a round wooden toothpick</li> <li>-Use <b>loctite #243</b> or equivalent on <b>frame threads</b> for each bolt during frame assembly Spread evenly around the female frame threads with a round wooden toothpick</li> <li>-All bearings installed during pre-assembly are press fit</li> <li>-All bearings installed during frame assembly are slip fit</li> <li>-After assembly clean any excess loctite from the bearings, links, and frame</li> <li>-After completing the link pre-assembly procedure, align the link with the Frame and install drive side bolts and torque to spec.</li> <li>-For Frame assembly, install non-drive side bearings and bolts then torque to spec.</li> </ul>	<p><b>Do not apply Loctite to bolt threads.</b></p>  <p></p> <p>The information contained in this drawing is the sole property of Pivot cycles and is not to be released without prior written approval.</p>
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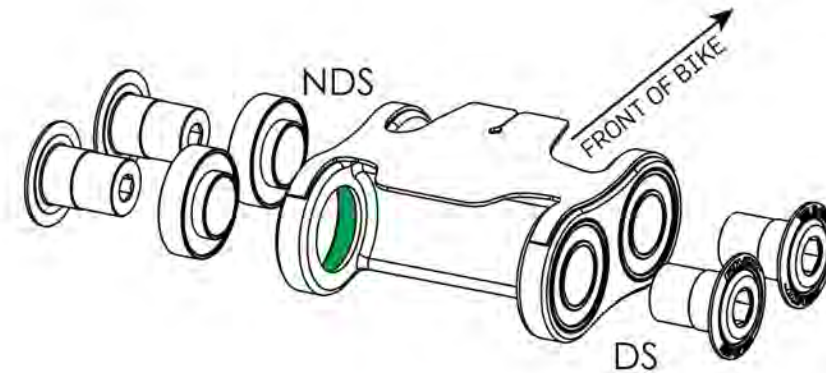
### Pre-Assembly Reference

All Bearings Installed During Pre-Assembly Are Press Fit (Drive Side)



### Frame Assembly Reference

All Bearings Installed During Frame Assembly Are Slip Fit (Non-Drive Side)



**PART NUMBERS:**

Lower Link: FP-LNK-LL-34MM-EXT-V1  
 LL Protector: FP-PRO-34MM-EXT-LL-V3-R1  
 Bearings: FP-BRG-6902-LLUMAXECN  
 Bolts: FP-BLT-M14\*20-BLK-V2-R2

**Notes:**

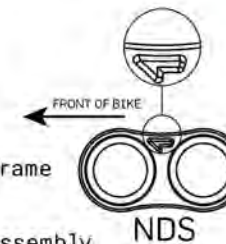
- Lower links are marked with an arrow on the non-drive side.  
 The link should be oriented where the arrow points to the front triangle.

-Use **loctite #638** or equivalent on all bearing pockets before assembling to frame

**Tip:** spread evenly around bearing pocket with a round wooden toothpick

-Use **loctite #243** or equivalent on **frame threads** for each bolt during frame assembly

**Tip:** spread evenly around the female frame threads with a round wooden toothpick



**Do not apply Loctite to bolt threads.**



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# Trailcat LT

## TCLT1 FRAME ASSEMBLY REFERENCE

-Before any re-assembly clean all surfaces of any dried loctite, dirt, or grease.

-Clean all surfaces with isopropyl alcohol and let dry before assembling.

-Apply Loctite 638 or an equivalent to all bearing pocket when installing bearings. Use a round wooden toothpick to spread the material evenly around the pocket before installing the bearing.

-Press fit bearings are installed during pre-assembly and are shown in **orange**. Slip fit bearings are installed during frame assembly and are shown in **light blue**.

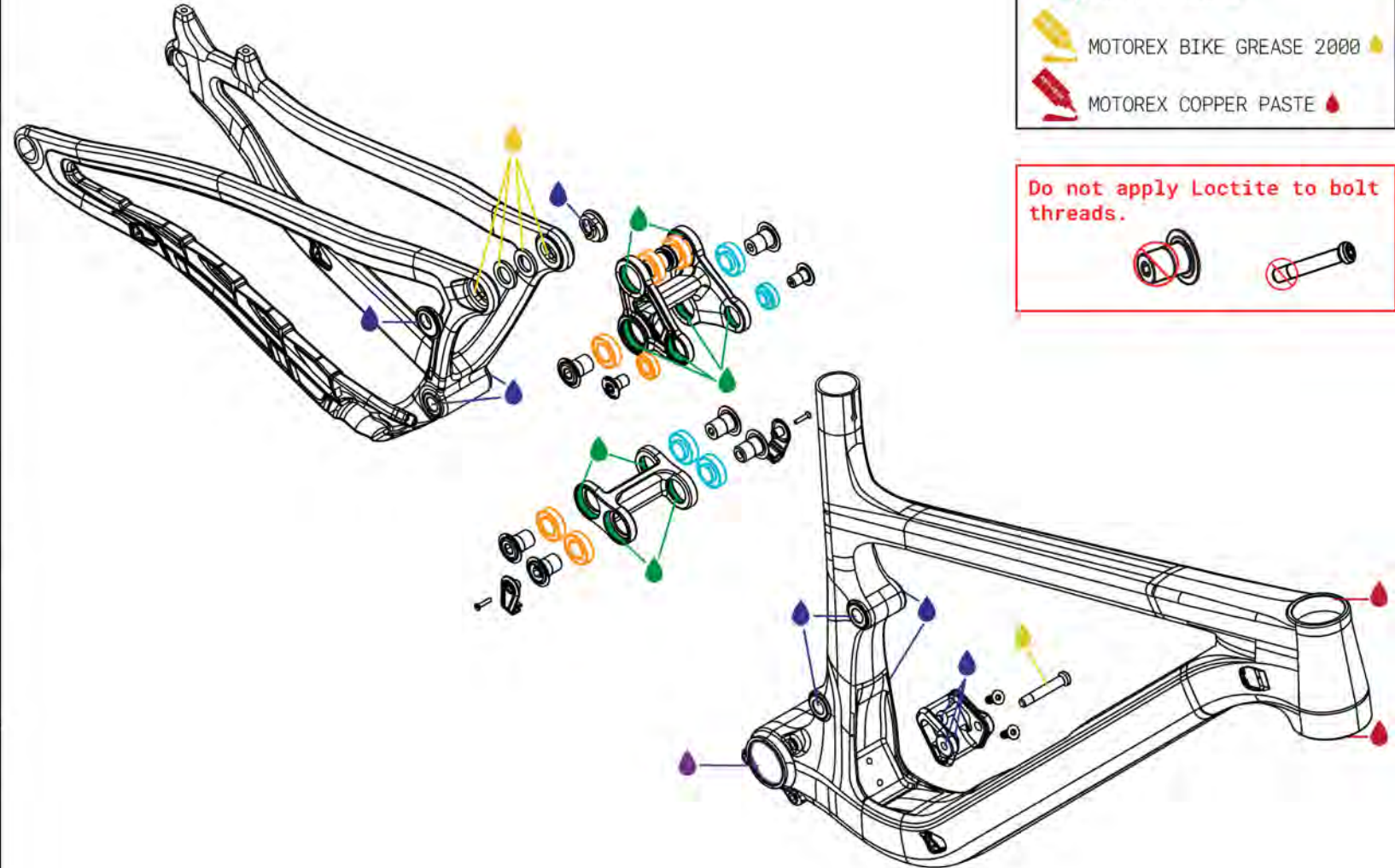
-Apply Loctite 243 or an equivalent to the female threads of the frame, link, or shock, not on the bolt threads. Use a round wooden toothpick to spread the material evenly around the threads.

-Apply Motorex Bike Grease 2000 to the flip chip steel washers, the flip chip pockets and the shaft of the lower shock bolt. Do not grease the shock bolt threads.

-Clean any excess Loctite with a towel and isopropyl alcohol to prevent finish damage.

-Apply Loctite 222 or an equivalent to the inner diameter of the bottom bracket shell before installing BB cups.

-Apply Motorex Copper Paste to inner diameter of headset cups.

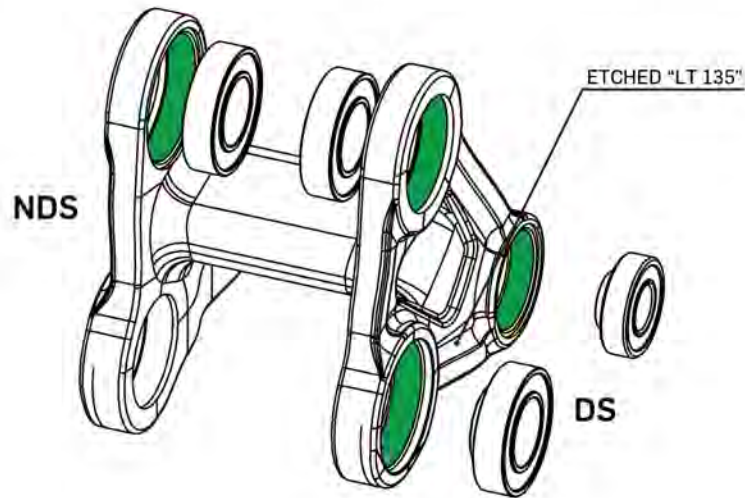


	LOCTITE 222		
	LOCTITE 243		
	LOCTITE 638		
	MOTOREX BIKE GREASE 2000		
	MOTOREX COPPER PASTE		

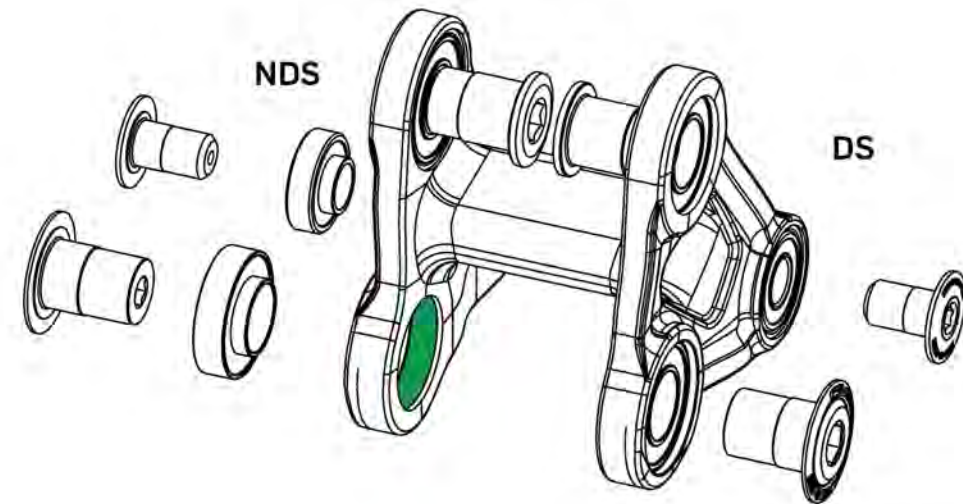
Do not apply Loctite to bolt threads.


Endurobearings	PART NUMBER	QTY
28mm 6902 Extended	FP-BRG-6902-LLUMAXECN	6
28mm 6902 Standard	FP-BRG-6902-LLUMAX	2
22mm 6900 Extended	FP-BRG-6900-LLUMAXE	2

## Pre-Assembly Procedures



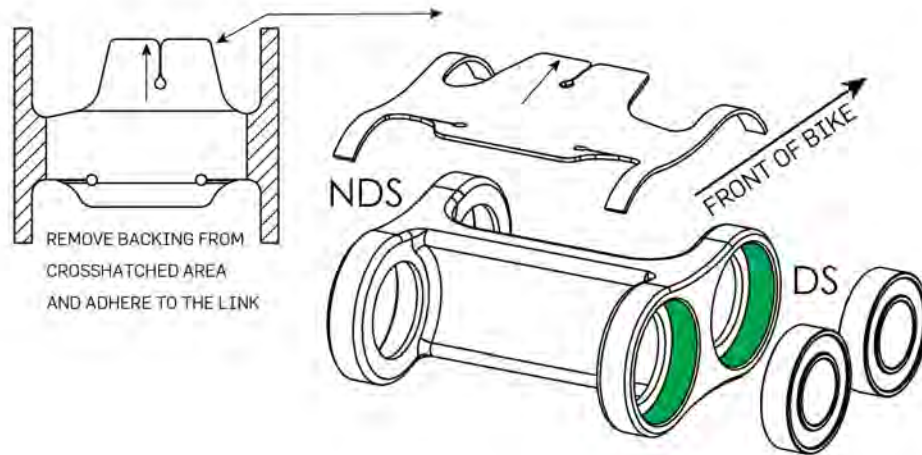
## Frame Assembly Procedures



<p><b>PART NUMBERS:</b></p> <p>LINK: FP-LNK-UL-57MM-LT-R1</p> <p>BEARINGS: FP-BRG-6902-LLUMAXECN FP-BRG-6902-LLUMAX FP-BRG-6900-LLUMAXE</p> <p>BOLTS: FP-BLT-M14*20-BLK-V2-R2 FP-BLT-M14*20-BLK-V3-R2 FP-BLT-M10*16.5-BLK-V1</p> <p>SPACERS: FP-WSH-SPC-15I*250*3W</p> <p>FLIP CHIPS: FP-NUT-FLIPCHIP-4.6MM-V1</p>	<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>-Use <b>loctite #638</b> or equivalent on all bearing pockets before assembling to frame Spread evenly around the bearing pocket with a round wooden toothpick</li> <li>-Use <b>loctite #243</b> or equivalent on <b>frame threads</b> for each bolt during frame assembly Spread evenly around the female frame threads with a round wooden toothpick</li> <li>-All bearings installed during pre-assembly are press fit</li> <li>-All bearings installed during frame assembly are slip fit</li> <li>-After assembly clean any excess loctite from the bearings, links, and frame</li> <li>-After completing the link pre-assembly procedure, align the link with the Frame and install drive side bolts and torque to spec.</li> <li>-For Frame assembly, install non-drive side bearings and bolts then torque to spec.</li> </ul>	<p><b>Do not apply Loctite to bolt threads.</b></p>  <p><b>PIVOT CYCLES</b></p> <p>The information contained in this drawing is the sole property of Pivot cycles and is not to be released without prior written approval.</p>
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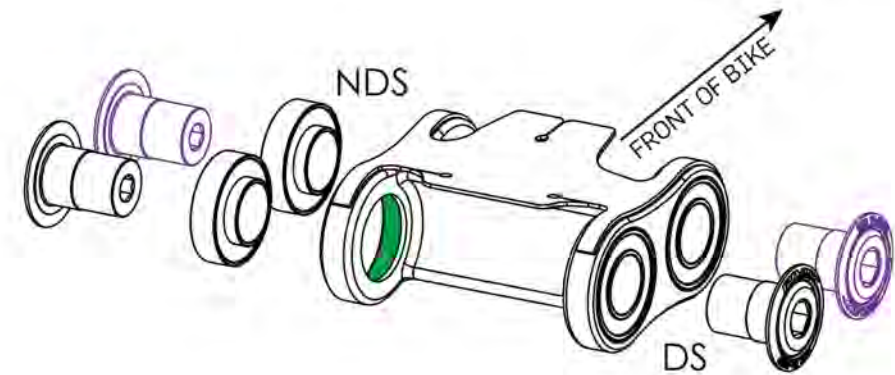
## Pre-Assembly Reference

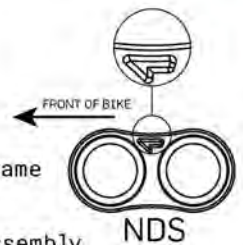



All Bearings Installed During Pre-Assembly Are Press Fit (Drive Side)



## Frame Assembly Reference

All Bearings Installed During Frame Assembly Are Slip Fit (Non-Drive Side)



<p><b>PART NUMBERS:</b></p> <p>Lower Link: FP-LNK-LL-34MM-EXT-V1</p> <p>LL Protector: FP-PRO-34MM-EXT-LL-V3-R1</p> <p>Bearings: FP-BRG-6902-LLUMAXECN</p> <p>Bolts: FP-BLT-M14*20-BLK-V2-R2 FP-BLT-M14*20-BLK-V5-R1</p>	<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>- Lower links are marked with an arrow on the non-drive side. The link should be oriented where the arrow points to the front triangle.</li> <li>-Use <b>loctite #638</b> or equivalent on all bearing pockets before assembling to frame</li> <li><b>Tip:</b> spread evenly around bearing pocket with a round wooden toothpick</li> <li>-Use <b>loctite #243</b> or equivalent on frame threads for each bolt during frame assembly</li> <li><b>Tip:</b> spread evenly around the female frame threads with a round wooden toothpick</li> </ul> 	<p><b>Do not apply Loctite to bolt threads.</b></p>    <p>The information contained in this drawing is the sole property of Pivot cycles and is not to be released without prior written approval.</p>
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## TCSL1 FRAME ASSEMBLY REFERENCE

-Before any re-assembly clean all surfaces of any dried loctite, dirt, or grease.

-Clean all surfaces with isopropyl alcohol and let dry before assembling.

-Apply Loctite 638 or an equivalent to all bearing pocket when installing bearings. Use a round wooden toothpick to spread the material evenly around the pocket before installing the bearing.

-Press fit bearings are installed during pre-assembly and are shown in **orange**. Slip fit bearings are installed during frame assembly and are shown in **light blue**.

-Apply Loctite 243 or an equivalent to the female threads of the frame, link, or shock, not on the bolt threads. Use a round wooden toothpick to spread the material evenly around the threads.

-Apply Motorex Bike Grease 2000 to the flip chip steel washers, the flip chip pockets and the shaft of the lower shock bolt. Do not grease the shock bolt threads.

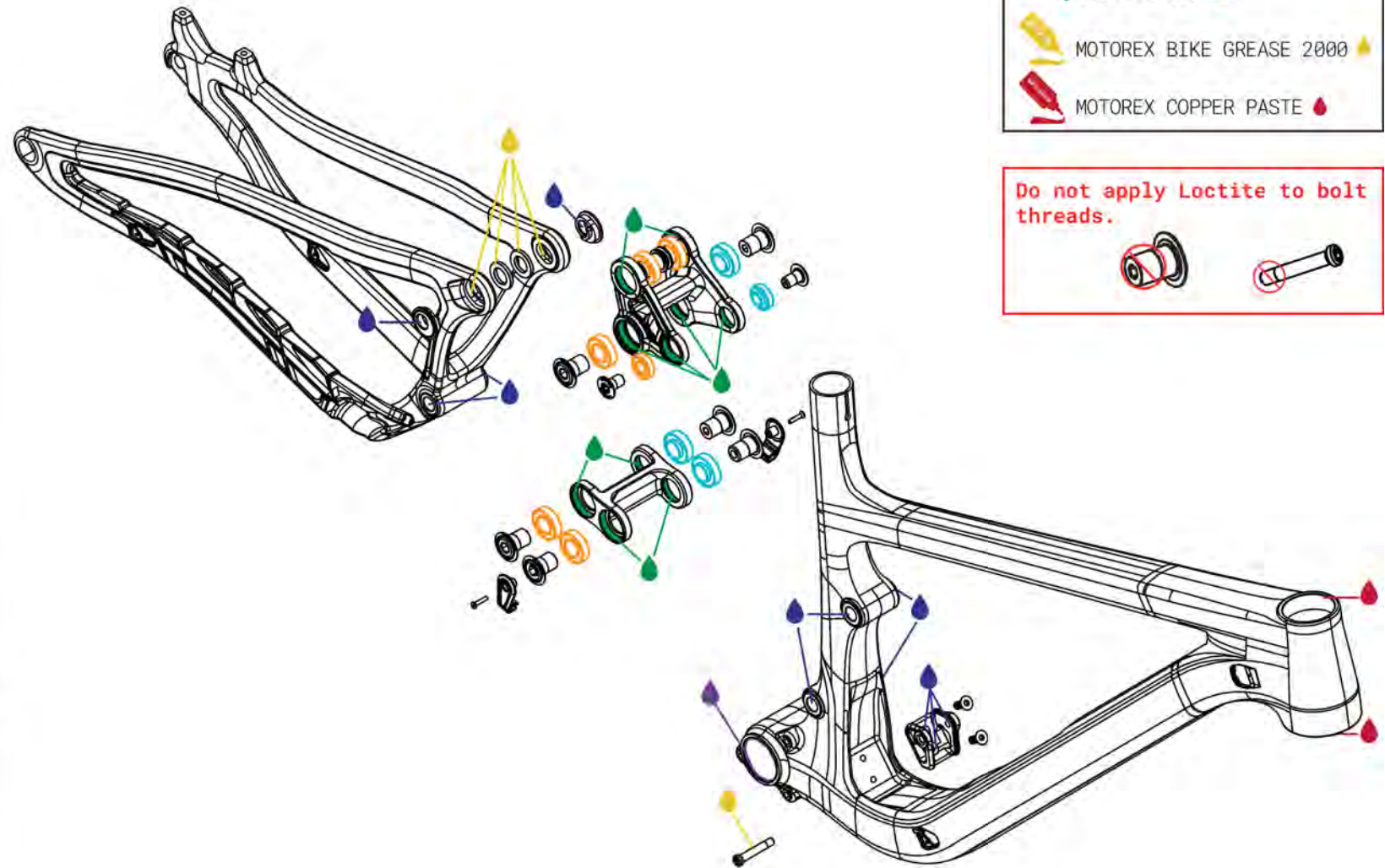
-Clean any excess Loctite with a towel and isopropyl alcohol to prevent finish damage.

-Apply Loctite 222 or an equivalent to the inner diameter of the bottom bracket shell before installing BB cups.

-Apply Motorex Copper Paste to inner diameter of headset cups.

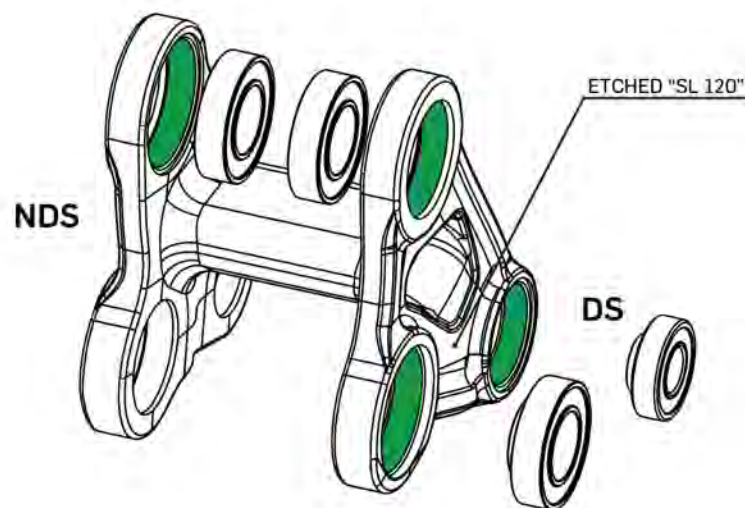
- LOCTITE 222
- LOCTITE 243
- LOCTITE 638
- MOTOREX BIKE GREASE 2000
- MOTOREX COPPER PASTE

Do not apply Loctite to bolt threads.

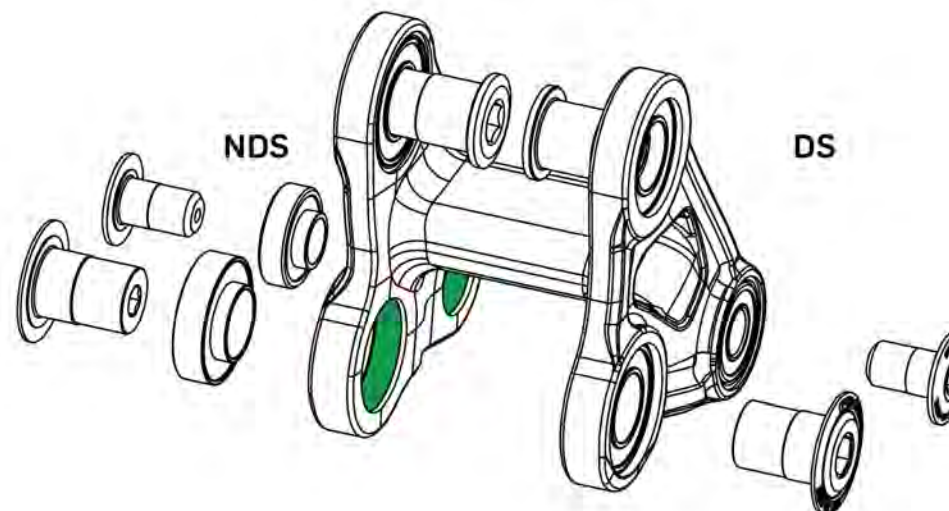




Endurobearings	PART NUMBER	QTY
28mm 6902 Extended	FP-BRG-6902-LLUMAXECN	6
28mm 6902 Standard	FP-BRG-6902-LLUMAX	2
22mm 6900 Extended	FP-BRG-6900-LLUMAXE	2

## Pre-Assembly Procedures



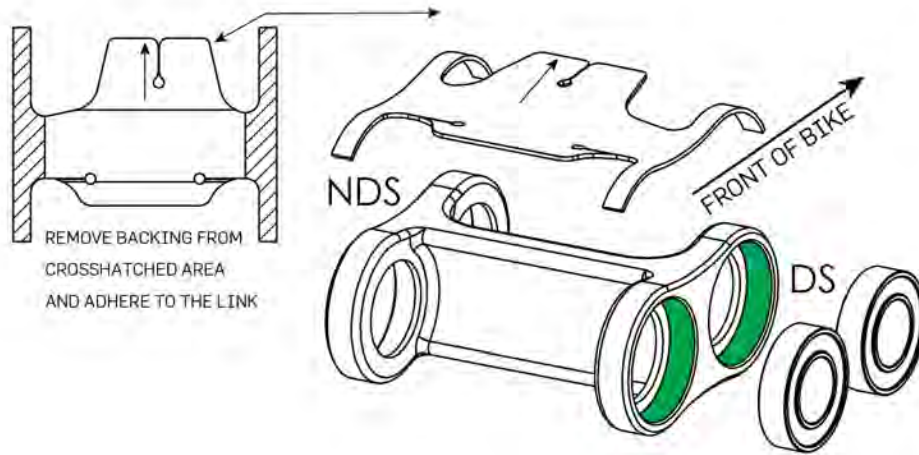
## Frame Assembly Procedures



<p><b>PART NUMBERS:</b></p> <p>LINK: FP-LNK-UL-57MM-SL-R1</p> <p>BEARINGS: FP-BRG-6902-LLUMAXECN FP-BRG-6902-LLUMAX FP-BRG-6900-LLUMAXE</p> <p>BOLTS: FP-BLT-M14*20-BLK-V2-R2 FP-BLT-M14*20-BLK-V3-R2 FP-BLT-M10*16.5-BLK-V1</p> <p>SPACERS: FP-WSH-SPC-15I*250*3W</p> <p>FLIP CHIPS: FP-NUT-FLIPCHIP-4.6MM-V1</p>	<p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>-Use <b>loctite #638</b> or equivalent on all bearing pockets before assembling to frame Spread evenly around the bearing pocket with a round wooden toothpick</li> <li>-Use <b>loctite #243</b> or equivalent on <b>frame threads</b> for each bolt during frame assembly Spread evenly around the female frame threads with a round wooden toothpick</li> <li>-All bearings installed during pre-assembly are press fit</li> <li>-All bearings installed during frame assembly are slip fit</li> <li>-After assembly clean any excess loctite from the bearings, links, and frame</li> <li>-After completing the link pre-assembly procedure, align the link with the Frame and install drive side bolts and torque to spec.</li> <li>-For Frame assembly, install non-drive side bearings and bolts then torque to spec.</li> </ul>	<p><b>Do not apply Loctite to bolt threads.</b></p>  <p></p> <p>The information contained in this drawing is the sole property of Pivot cycles and is not to be released without prior written approval.</p>
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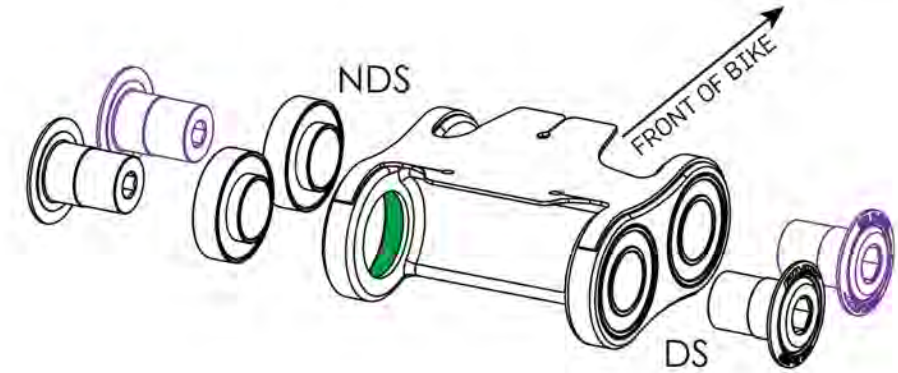
## Pre-Assembly Reference

All Bearings Installed During Pre-Assembly Are Press Fit (Drive Side)



## Frame Assembly Reference

All Bearings Installed During Frame Assembly Are Slip Fit (Non-Drive Side)



### PART NUMBERS:

Lower Link: FP-LNK-LL-34MM-EXT-V1  
 LL Protector: FP-PRO-34MM-EXT-LL-V3-R1  
 Bearings: FP-BRG-6902-LLUMAXECN  
 Bolts: FP-BLT-M14\*20-BLK-V2-R2  
 FP-BLT-M14\*20-BLK-V5-R1

### Notes:

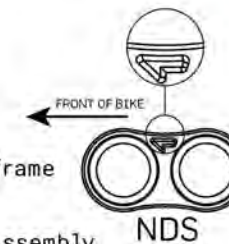
- Lower links are marked with an arrow on the non-drive side.  
 The link should be oriented where the arrow points to the front triangle.

-Use **loctite #638** or equivalent on all bearing pockets before assembling to frame

**Tip:** spread evenly around bearing pocket with a round wooden toothpick

-Use **loctite #243** or equivalent on **frame threads** for each bolt during frame assembly

**Tip:** spread evenly around the female frame threads with a round wooden toothpick



**Do not apply Loctite to bolt threads.**



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