



— RANGER —

Parts Diagram
&
Service Manual

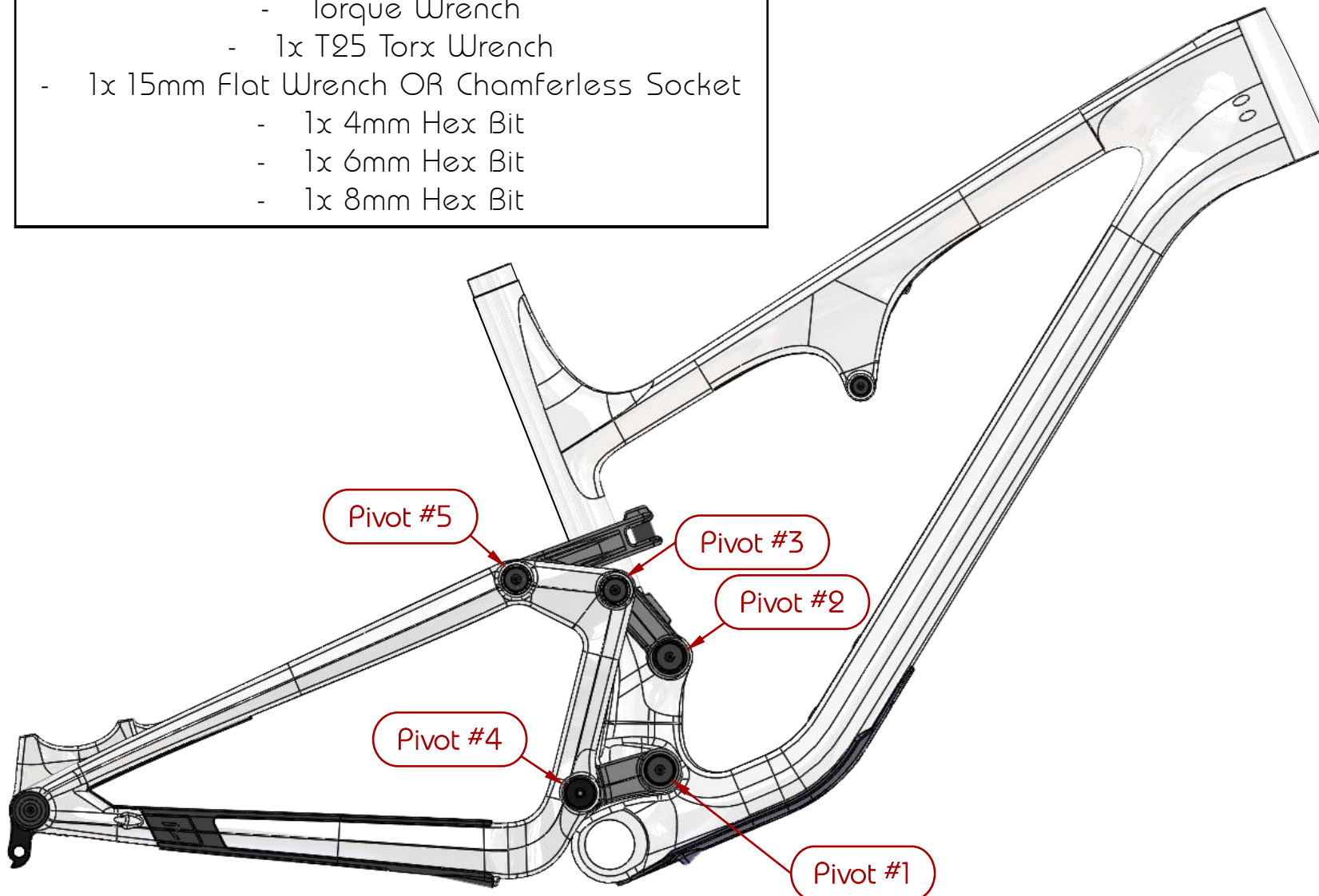
Tools, Pivot Numbers & Torque Specifications

Required Tools for Basic Service

- Torque Wrench
- 1x T25 Torx Wrench
- 1x 15mm Flat Wrench OR Chamferless Socket
 - 1x 4mm Hex Bit
 - 1x 6mm Hex Bit
 - 1x 8mm Hex Bit

Ranger Pivot Hardware Note

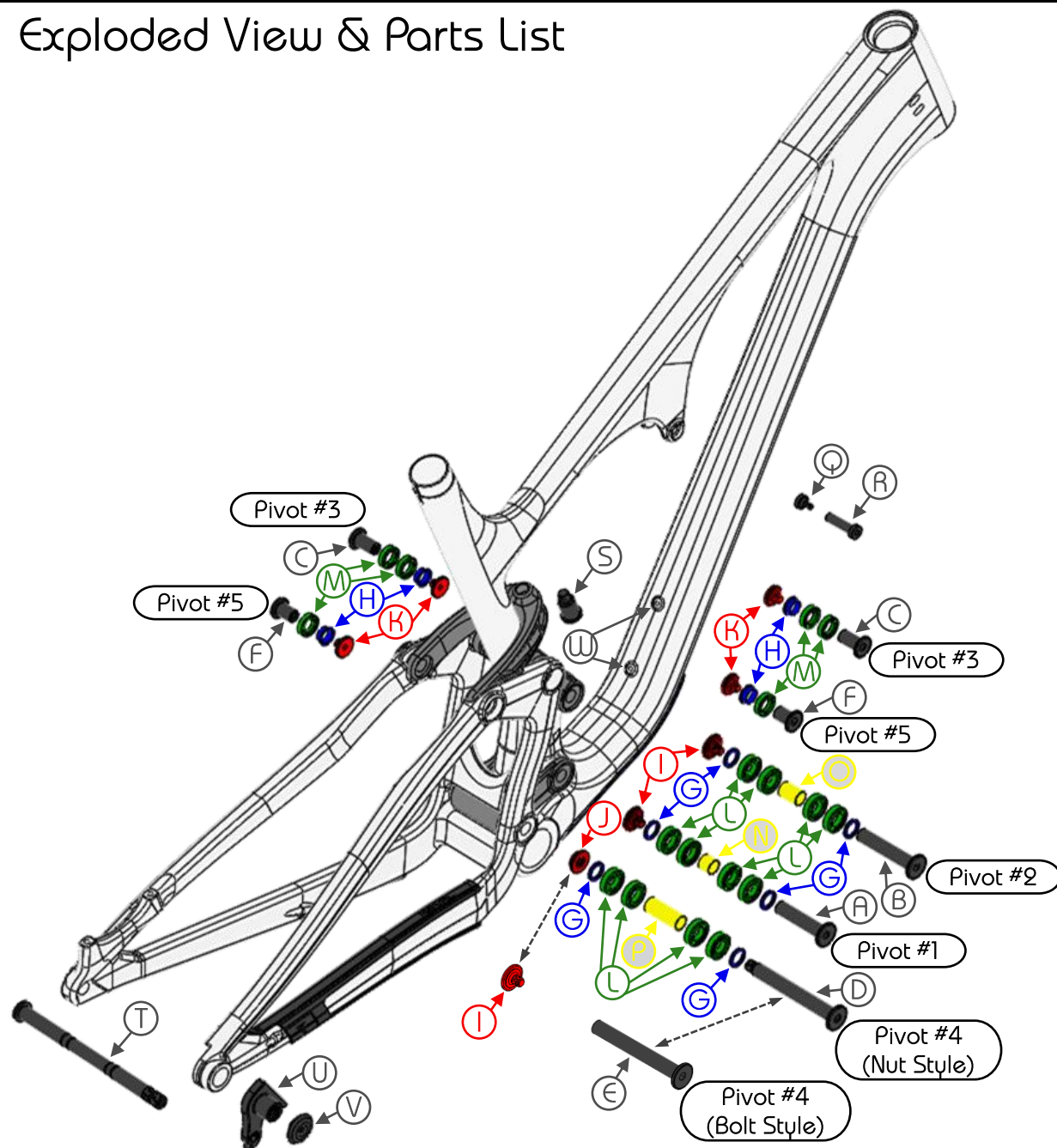
There are two versions of Pivot #4 hardware for the Ranger. If your frame features a bolt with a T25 Torx head on the Pivot #4 non-drive side, look for the "Bolt Style" call outs in this manual. If your frame has a 15mm flange nut here instead, look for the "Nut Style" call outs. Besides the pivot axle and respective bolt/nut, all other Pivot #4 hardware is the same.



Torque Specifications

Pivot #1	10 Nm
Pivot #2	10 Nm
Pivot #3	10 Nm
Pivot #4 (Bolt Style)	10 Nm
Pivot #4 (Nut Style)	18 Nm (25 Nm Max)
Pivot #5	10 Nm
Rear Shock Bolt	15 Nm
Forward Shock Bolt	10 Nm
Rear Axle	13 Nm (18 Nm Max)
Seat Clamp	5 Nm
Derailleur Hanger	10 Nm

Exploded View & Parts List



	Part Number	Description	Qty.
A	310-00000-0036	Pivot #1 Axle	1
B	310-00000-0040	Pivot #2 Axle	1
C	310-00000-0042	Pivot #3 Axle	2
D	310-10021-0087	Pivot #4 Axle (Nut Style – External Threads)	0 OR 1
E	310-00000-0034	Pivot #4 Axle (Bolt Style – Internal Threads)	0 OR 1
F	310-00000-0045	Pivot #5 Axle	2
G	310-10021-0035	Pivot #1/#2/#4 Spacer	6
H	310-00000-0041	Pivot #3/#5 Spacer	4
I	310-00000-0045	Pivot #1/#2 Bolt (Pivot #4 Bolt Style Only)	2 OR 3
J	310-10021-0086	Pivot #4 Nut (Nut Style Only)	0 OR 1
K	310-00000-0044	Pivot #3/#5 Bolt	4
L	-----	6901V Bearing	12
M	-----	6801V Bearing	6
N	310-00000-0038	Pivot #1 Inner Spacer	1
O	310-00000-0039	Pivot #2 Inner Spacer	1
P	310-00000-0037	Pivot #4 Inner Spacer	1
Q	310-10021-0050	Forward Shock Bolt	1
R	310-10021-0051	Forward Shock Axle	1
S	310-10021-0077	Rear Shock Bolt	1
T	310-00000-0028	Revel Axle	1
U	310-00000-0015	Ranger Derailleur Hanger	1
V	310-00000-0016	Ranger Derailleur Hanger Bolt	1
W	-----	Bottle Mount Bolts	4

Pivot Assembly Overview

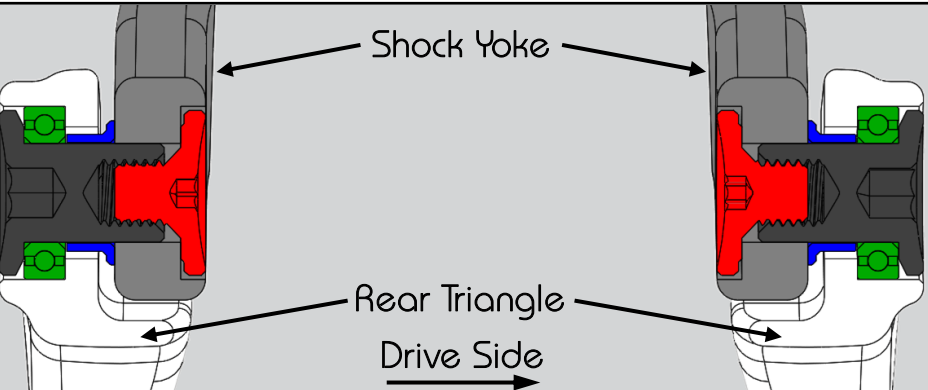
- ✖ When servicing your Ranger's linkage, take time to clean all parts thoroughly to ensure creak-free shredding.
- ✖ Apply Ti. Prep or Anti-Seize to threads of forward and rear shock mounting hardware (parts Q and S in exploded view).
- ✖ Apply grease to all axle shafts and bearing seal faces. Do not apply grease to the threads of the axles, bolts, and nuts.
- ✖ Apply blue Loctite 242 (or similar) to threads on the bolts and nuts.
- ✖ We recommend only changing bearings that show signs of wear.
- ✖ To make assembly easier, loosely assemble the complete linkage before tightening any of the pivot locations.

Pivot Number	Diagram	Parts List		
#1		1x Ⓐ 310-00000-0036 2x Ⓒ 310-10021-0035 1x Ⓔ 310-00000-0038 4x Ⓖ ----- 1x ⓘ 310-00000-0045	Pivot #1 Axle Pivot #1/#2/#4 Spacer Pivot #1 Inner Spacer 6901V Bearing Pivot #1/#2 Bolt	Torque to 10 Nm
#2		1x Ⓑ 310-00000-0040 2x Ⓒ 310-10021-0035 1x Ⓢ 310-00000-0039 4x Ⓖ ----- 1x ⓘ 310-00000-0045	Pivot #2 Axle Pivot #1/#2/#4 Spacer Pivot #2 Inner Spacer 6901V Bearing Pivot #1/#2 Bolt	Torque to 10 Nm

Pivot Assembly Overview

Pivot Number	Diagram	Parts List
#3	Rear Triangle Front Triangle Upper Link Drive Side	2x Ⓒ 310-00000-0042 Pivot #3 Axle 2x Ⓗ 310-00000-0041 Pivot #3/#5 Spacer 4x Ⓜ ----- 6801V Bearing 2x Ⓚ 310-00000-0044 Pivot #3/#5 Bolt Torque to 10 Nm
#4 Nut Style	Rear Triangle Lower Link Drive Side	1x Ⓓ 310-10021-0087 Pivot #4 Axle (External Threads) 2x Ⓖ 310-10021-0035 Pivot #1/#2/#4 Spacer 1x Ⓟ 310-00000-0037 Pivot #4 Inner Spacer 4x Ⓛ ----- 6901V Bearing 1x ⓙ 310-10021-0086 Pivot #4 Nut Torque to 18 Nm (25 Nm Max)
#4 Bolt Style	Rear Triangle Lower Link Drive Side	1x Ⓔ 310-00000-0034 Pivot #4 Axle (Internal Threads) 2x Ⓖ 310-10021-0035 Pivot #1/#2/#4 Spacer 1x Ⓟ 310-00000-0037 Pivot #4 Inner Spacer 4x Ⓛ ----- 6901V Bearing 1x ⓘ 310-00000-0045 Pivot #1/#2/#4 Bolt Torque to 10 Nm

Pivot Assembly Overview

Pivot Number	Diagram	Parts List		
#5		2xⒻ	310-00000-0045	Pivot #5 Axle
		2xⒽ	310-00000-0041	Pivot #3/#5 Spacer
		2xⓂ	-----	6801V Bearing
		2xⓀ	310-00000-0044	Pivot #3/#5 Bolt
		Torque to 10 Nm		

