

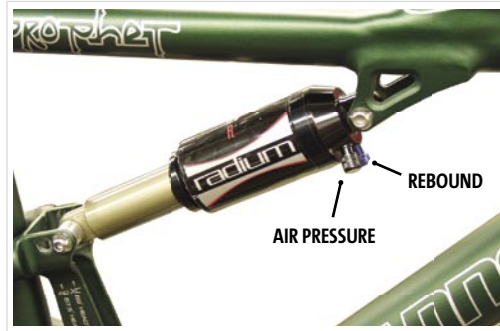
Position shock as shown in the XC or FR swingarm positions.

| LEFTY MAX 140 - SPV | | | | | SWINGER X3 | | |
|---------------------|-----------|-------------------------|--------------------|---------|--------------------|-----|---------|
| | | | | | SWINGARM POSITIONS | | REBOUND |
| | | | | | XC | FR | |
| RIDER WT. (lbs) | FORK SIZE | FORK SPRING (Color) | SPV PRESSURE (psi) | REBOUND | AIR PRESSURE (psi) | | REBOUND |
| 120 | PT | GREEN | 40 | 9 | 95 | 85 | 21 |
| 130 | SM | GREEN | 50 | 9 | 105 | 95 | 21 |
| 140 | SM | GREEN | 60 | 9 | 115 | 100 | 21 |
| 150 | MD | BLUE | 50 | 9 | 120 | 105 | 21 |
| 160 | MD | BLUE | 60 | 8 | 130 | 115 | 20 |
| 170 | LG | RED | 60 | 8 | 135 | 120 | 20 |
| 180 | LG | RED | 60 | 8 | 145 | 130 | 20 |
| 190 | XL | BLACK | 60 | 8 | 155 | 140 | 20 |
| 200 | XL | BLACK | 70 | 7 | 160 | 145 | 19 |
| 210 | XL | BLACK | 70 | 7 | 165 | 150 | 19 |
| 220 | XL | BLACK | 80 | 6 | 170 | 155 | 18 |



Position shock as shown in the XC or FR swingarm positions.

| LEFTY MAX 140 - TPC OR FFD | | | | FLOAT R | | |
|-------------------------------|-----------|-------------------------|---------|--------------------|-----|---------|
| | | | | SWINGARM POSITIONS | | |
| RIDER WT. (lbs) | FORK SIZE | FORK SPRING (Color) | REBOUND | XC | FR | REBOUND |
| | | | | AIR PRESSURE (psi) | | |
| 120 | PT | BLUE | 9 | 100 | 90 | 4 |
| 130 | SM | BLUE | 9 | 110 | 105 | 4 |
| 140 | SM | BLUE | 9 | 115 | 115 | 3 |
| 150 | MD | RED | 9 | 125 | 120 | 3 |
| 160 | MD | RED | 8 | 135 | 130 | 3 |
| 170 | LG | BLACK | 8 | 140 | 135 | 2 |
| 180 | LG | BLACK | 8 | 150 | 145 | 2 |
| 190 | XL | BLACK | 8 | 160 | 155 | 2 |
| 200 | XL | BROWN | 7 | 165 | 160 | 1 |
| 210 | XL | BROWN | 7 | 175 | 165 | 1 |
| 220 | XL | BROWN | 6 | 185 | 170 | 1 |

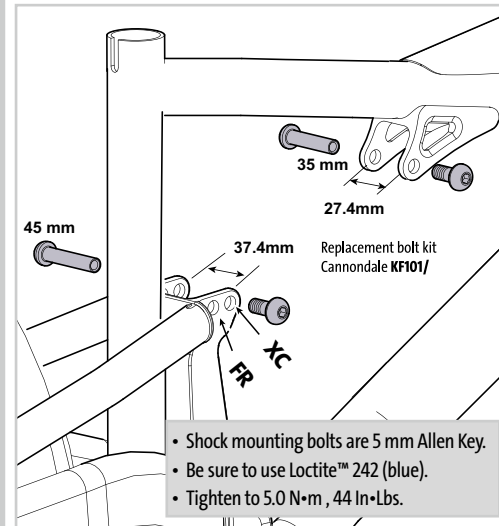


Position shock as shown in the XC or FR swingarm positions.

| LEFTY MAX 140 - TPC OR FFD | | | | RADIUM R | | |
|-------------------------------|-----------|-------------------------|---------|--------------------|-----|---------|
| | | | | SWINGARM POSITIONS | | |
| RIDER WT. (lbs) | FORK SIZE | FORK SPRING (Color) | REBOUND | XC | FR | REBOUND |
| | | | | AIR PRESSURE (psi) | | |
| 120 | PT | BLUE | 9 | 110 | 100 | 9 |
| 130 | SM | BLUE | 9 | 115 | 105 | 9 |
| 140 | SM | BLUE | 9 | 125 | 110 | 9 |
| 150 | MD | RED | 9 | 135 | 120 | 9 |
| 160 | MD | RED | 8 | 145 | 130 | 8 |
| 170 | LG | BLACK | 8 | 155 | 140 | 8 |
| 180 | LG | BLACK | 8 | 165 | 150 | 8 |
| 190 | XL | BLACK | 8 | 175 | 160 | 8 |
| 200 | XL | BROWN | 7 | 180 | 165 | 7 |
| 210 | XL | BROWN | 7 | 185 | 170 | 7 |
| 220 | XL | BROWN | 6 | 190 | 180 | 6 |

For detailed adjustment and maintenance, please consult manufacturer's Owner's Manuals.

PROPHET SWINGARM POSITIONS



- Shock mounting bolts are 5 mm Allen Key.
- Be sure to use Loctite™ 242 (blue).
- Tighten to 5.0 N•m , 44 In•Lbs.

| SHOCK POSITION | HEADTUBE ANGLE | RESULT | SUGGESTED REAR SHOCK SAG |
|----------------|----------------|--|--------------------------|
| XC | 69° | Cross-country feel. Steeper head tube and seat tube angles - quicker turning and better climbing. | 13-15mm (25-30%) |
| FR | 67.5° | Freeride style riding. Slack head tube seat tube angles - more stability- slightly better for attacking bumps. | 15-17mm (30-35%) |

For Cannondale Owner's Manual and Supplements visit our TECH CENTER : www.cannondale.com/bikes/tech/

LEFTY MAX 140

Technology Overview

SPV - STABLE PLATFORM VALVE

Features the Manitou SPV compression damper. Adjust SPV air pressure and volume externally to control pedaling platform and progressive or linear damping. Additional features include the Cannondale-Specific rebound system which provides external rebound damping control with an indexed dial and wider range of adjustment.

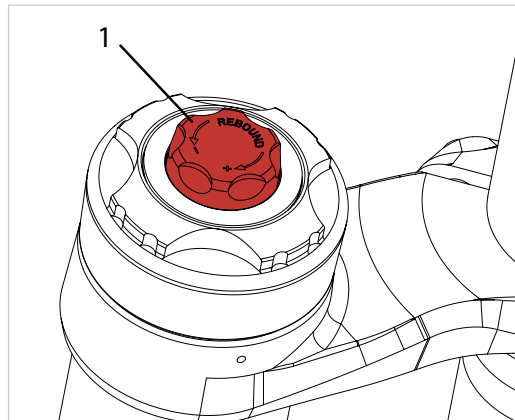
TPC - TWIN PISTON CHAMBER

Features independent damping pistons: one optimized for rebound, and the other for compression. Additionally, we use a low pressure, high volume system to eliminate cavitation (which leads to compression spikes and stiffening) and heat related problems. Our Quick Range TPC allows minimum to maximum compression damping adjustment in a half-turn of the knob. With the combination of Quick Range TPC and the Cannondale-Specific rebound system, riders can quickly and easily tune ride qualities.

FFD - FLUID FLOW DAMPING

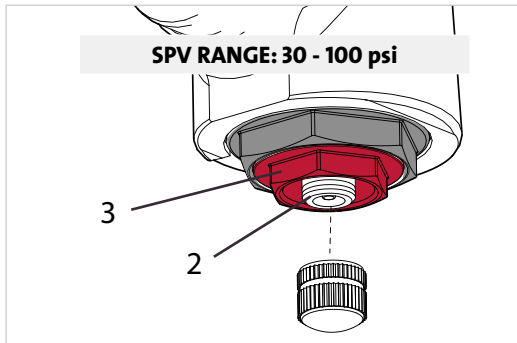
ATPCderivedhydraulicdampingsystemfeaturingcompression and externally adjustable rebound damping pistons. We use a low pressure, high volume system to eliminate cavitation (which leads to compression spikes and stiffening) and heat-related problems. The FFD still uses the Cannondale-Specific rebound system.

LEFTY MAX 140



1 - REBOUND KNOB (SPV, TPC and FFD forks)
Controls the speed at which the fork extends following compression.

| | |
|--------|--|
| SLOWER | Turn clockwise "+" to increase rebound damping which slows the rebound speed. |
| FASTER | Turn the knob counter-clockwise "-" to decrease rebound damping which increases the rebound speed. |



2 - SPV PRESSURE (SPV forks only)
Controls pedaling platform of the fork. Pedaling platform is the fork's tendency to resist compression under the force of pedaling.

| | |
|---------------|---------------------------|
| MORE PRESSURE | Stiffer pedaling platform |
| LESS PRESSURE | Softer pedaling platform |

3 - SPV VOLUME (SPV forks only)
Controls the volume of the internal SPV compression bladder. Change air volume by turning the red 16 mm hex.

| | |
|-------------|---|
| PROGRESSIVE | Turn clockwise to increase bottoming resistance |
| LINEAR | Turn counter-clockwise to decrease bottoming resistance |

Please note: All information and specifications are subject to change for product improvement without notice.

HOW TO SETUP SAG

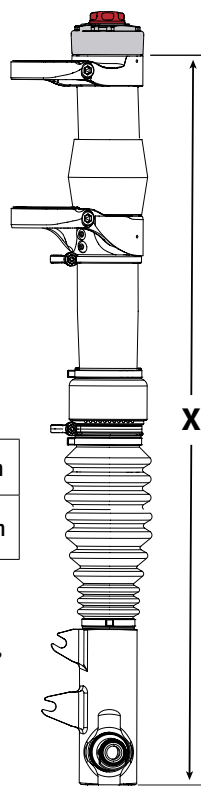
1. Match FORK SPRING (color) to rider weight. See tables opposite side.
2. With the help of a second person, seat the rider on the saddle with feet on pedals and hands on the handlebar. Measure X.
3. Calculate Sag:

$$686\text{mm} - X = \text{Sag}(\text{mm})$$

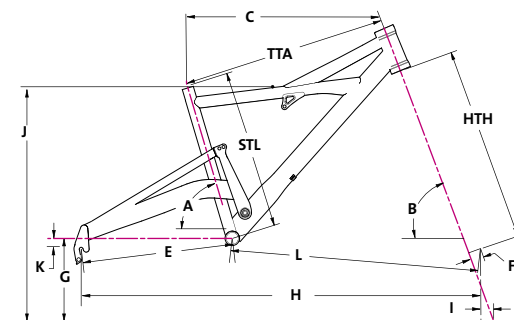
| | XC | 25-30% | 35-45mm |
|--|----|--------|---------|
| | TR | 30-35% | 40-50mm |

Fine tune sag by changing the spring preload adjusters inside the fork. See the Lefty MAX 140 Owner's Manual Supplement.

www.cannondale.com/bikes/tech



PROPHET GEOMETRY



PROPHET MX, PROPHET

Prophet MX 1, Prophet MX 2, Prophet 1, Prophet 2, Prophet 3, Prophet 3Z, Prophet 4, Prophet 5, Prophet 6

| | SIZE | PETITE | SMALL | MEDIUM | LARGE | X-LARGE |
|-------------------------------|------|-------------|------------|------------|------------|------------|
| Seat Tube Length (cm/in) | STL | 40.5/15.9 | ★ | 43.0/16.9 | 48.0/18.9 | 53.0/20.9 |
| Seat Tube Angle (degree) | A | 73.5 [75.0] | ★ | ★ | ★ | ★ |
| Head Tube Angle (degree) | B | 67.5 [69.0] | ★ | ★ | ★ | ★ |
| Top Tube Horizontal (cm/in) | C | 54.5/21.5 | 57.5/22.6 | 60.0/23.6 | 62.5/24.6 | 65.0/25.6 |
| Chainstay Length (cm/in) | E | 43.4/17.1 | ★ | ★ | ★ | ★ |
| Fork Rake (cm/in) | F | 4.6/1.8 | ★ | ★ | ★ | ★ |
| Bottom Bracket Height (cm/in) | G | 33.0/13.0 | ★ | ★ | ★ | ★ |
| Wheel Base (cm/in) | H | 106.2/41.8 | 109.0/42.9 | 111.7/44.0 | 114.8/45.2 | 117.9/46.4 |
| Fork Trail (cm/in) | I | 7.3/2.9 | ★ | ★ | ★ | ★ |
| Standover TT Midpoint (in/cm) | J | 74.0/29.1 | 74.4/29.3 | 74.5/29.3 | 75.0/29.5 | 75.9/29.9 |
| Bottom Bracket Drop (cm/in) | K | 0.0/0.0 | ★ | ★ | ★ | ★ |
| Front Center Distance (cm/in) | L | 63.5/25 | 67.1/26.4 | 69.7/27.4 | 72.8/28.7 | 75.9/29.9 |
| Rear Travel (in/cm) | | 14.0/5.5 | ★ | ★ | ★ | ★ |
| Shock Eye-to-Eye (in/cm) | | 20.0/7.9 | ★ | ★ | ★ | ★ |
| Shock Stroke (in/cm) | | 5.0/2.0 | ★ | ★ | ★ | ★ |
| Recommended Sag | | 25% | ★ | ★ | ★ | ★ |

All dimensions are given with suspension fully extended in FR and [XC] position. ★ = same spec

PROPHET SET-UP GUIDE



cannondale
FEEL IT.

On the cover: Tom Nieri Cannondale Quality Engineer testing outside our Bedford, Pennsylvania factory.