# cannondale

Scalpel<sup>™</sup> - Composite Seatstay

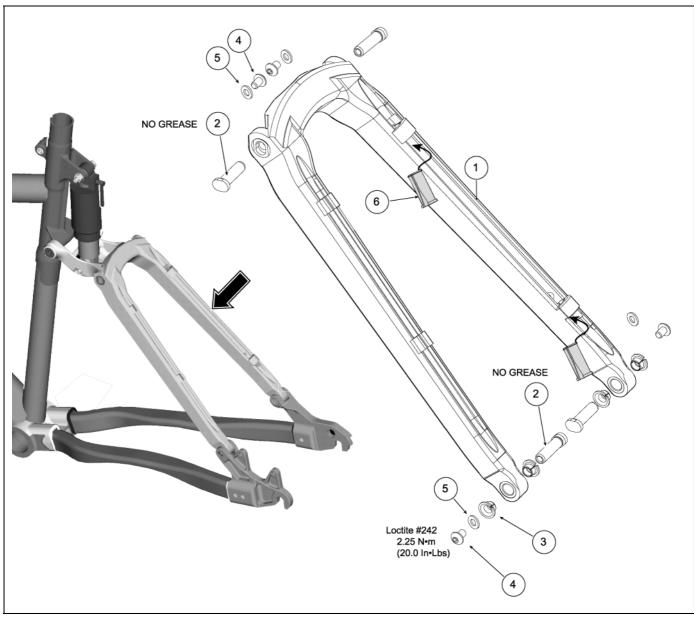
**Publication Title** 

## Tech Notes

### Publication No.

#### TN003.PDF

Page 1 of 2 August 2003



### Information

- 1. The composite seatstay (1) can be used with the one-piece Scalpel rear shock link assembly.
- 2. The T-shafts (2) are Teflon coated and should not be lubricated. If any creaking or noise is detected either the Tshafts or seatstay bushing may be damaged.

**CAUTION:** Do not apply grease or other lubricants to the T-shafts.. Grease or lubricants can collect contaminants resulting in damage and accelerated wear of the parts. Always install the parts clean and dry.

3. The flange bushings (3) are a press fit into the bonded seatstay inserts. They can be removed to install replacements. To remove, carefully locate the punch and drive out. These flange bushings should be inspected often and replaced when necessary. The seatstay inserts are bonded in place during manufacture and are non-removable.

# cannondale

## Tec<u>h Notes</u>

### Publication Title Scalpel™ - Composite Seatstay

Publication No. TN003.PDF

Page 2 of 2

August 2003

 The T-shaft screws (4) should be checked for tightness periodically. Loose screws can result in play detected in the seatstay. When installing the screws, be sure to apply Loctite #242 to the threads and tighten to 2.25 N•m (20.0 In•Lbs).

**CAUTION:** Do not over-tighten the T-shaft screws. Over-tightening will result in damage to the flange bushings

5. Install cable/line housing guides (6) into the right side of the seatstay, route the cable through the seatstay guides first. Then, insert the small end of the guide into the seatstay as indicated.

#### Parts

The following table is for reference only.

REF	QTY	BPCS	DESC
1	1	114704B	Composite seatstay
2	4	112636	NUT,T-Shaft,for Scalpel
3	4	112677	BUSHING,Flanged,6mmIDx5.5mmL
4	4	103218	SCREW,M4x.7x8mmSOC HEA
5	4	113032	WASHER,SS,.162IDx.308O
6	2	113856	THRU-ADAPTER ANGLE,CAB

### **Replacement/Renewal Kits**

The following replacement parts and kits are available only through an authorized Cannondale Dealer.

CANNONDALE KIT #	REF/QTY	DESCRIPTION
KF069/	1, 2(4), 3(4), 4(4), 5(4)	Kit, Seatstay,Composite,Scalp.
KF086/	6(10)	Kit,Hydraul. Brk Guides,10 pcs
KF056/	4(10), 5(10)	Kit, Screws/washers,10 - Scalp

Contact Us: Cannondale Bicycle Corporation 172 Friendship Road Bedford, Pennsylvania 15522 (Voice): 1-800-BIKEUSA (Fax): 814-623-6173 custserv@cannondale.com Cannondale Australia Unit 2/6 Taronga Place Mona Vale, N.S.W. 2103 Australia (Voice): 011.612.9979.5851 (Fax): 61-29979-5688. cannondaleaustralia@cannondale.com

Cannondale Japan 12-5 Harayamadai 5-cho Sakai City Osaka, Japan 590-0132 (Voice): 011.81.722.99.9399 (Fax): 0722-93-6166 cjcustserv@cannondale.com Cannondale Europe mail: Postbus 5100 visits: Hanzepoort 27 7570 GC Oldenzaal Netherlands (Voice): +31 541 573580 (Fax): 31-5415-14240 servicedeskeurope@cannondale.com