

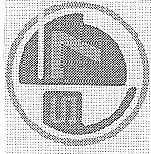
**SRAM**

TECHNICAL

DOCUMENTATION

**SPECTRO S7**

NO 0368 001 020

**SRAM**

## Operation

### GEAR CHANGING

- Keep pedaling without effort as you change gears.
- Should the desired gear not engage immediately, stop pedaling for a short moment.
- Change gears in time before going uphill.

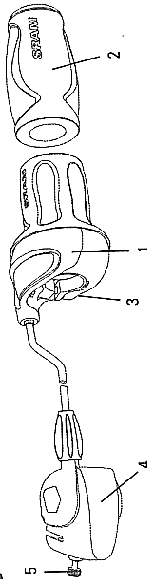
## Assembly

### Caution:

The Spectro S7 hubs are not suitable for tandems, trademen's delivery bicycles and similar.

### ASSEMBLY SHIFTER AND CLICKBOX

- Slide shifter (1, Fig. 5) onto handlebar.
  - Mount fixed grip (2) onto end of handlebar.
  - Slide shifter against fixed grip, adjust shifter on handlebar and tighten with bolt (3) with a torque of 1.5 Nm (13 in. lbs.).
- Caution:**
- Check that the shifter and brake lever function properly and are unobstructed (realign if necessary).

**5**

- Last attachment point is on the lower rear wheel fork immediately behind the chain wheel.
- Cable housing must be movable inside attachment.**
- Place shifter in gear position „1“.
  - Push on Clickbox (4, Fig. 5) to the stop on the axle. The red guiding rib of the locating sleeve thereby engages in the slot on the housing.
  - Tighten knurled bolt (5, Fig. 5) by hand.

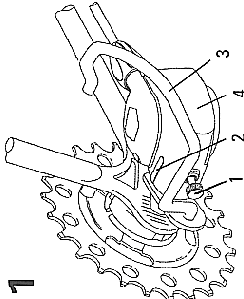


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## Removing / Refitting rear wheel

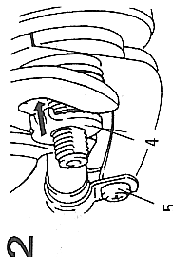
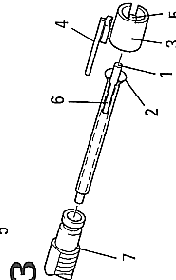
### REMOVAL

- Place the rotational shifter in gear position „1“.
- Loosen the knurled screw (1, Fig. 1) and pull the clickbox off the axle.
- Disengage the location sleeve (3, Fig. 3) and pull it off.
- Remove shift rod/tube (1/2) out of the axle bore.

**1**

### REFITTING

- Fit non-turn washers (4, Fig. 2) on both sides. The serrations must bear against the dropout and the lug must engage in the dropout slot.
- No additional washers or any accessories are permitted on the sprocket side of the axle.
- Fit the guard (3, Fig. 1) on the bracket side
- Tightening torque of the axle nuts about 35 Nm. (310 in. lbs.)

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## Shift adjustment / Maintenance / Care

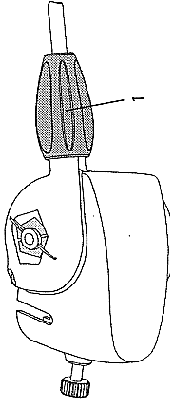
### SHIFT ADJUSTMENT

Be sure to reset rotational shifter from 5th. to 4th gear. Match up the marks in the Clickbox viewing window by turning the adjusting screw (1, Fig. 6). Check this setting from time to time.

### MAINTENANCE / CARE

#### Caution:

- Brake pads resp. cylinders, brake cables, shifting cables, handlebar grips, sprockets and bicycle chains are wearing parts. Control this parts regularly and replace in time.
- If the coaster brake is loaded excessively its effect can be too strong, the hub may lock. In such a case the brake shell should be lubricated with a special grease (this should be done by a professional only).

**6**

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- Do not use high-pressure water when cleaning the gear hub (e.g. strong water jets, high-pressure cleaners etc.) – if water penetrates it could lead to functional problems.
- Do not use solvents or corrosive materials to clean the components.
- When using the bike during the winter more frequent cleaning is necessary to prevent damage caused by de-icing salt.
- Clean dirty chains before oiling. Do not use any grease-dissolving or acidic agents. Cleaning agent must be rinsed off after a few minutes with water. Apply oil after chain is completely dried.