HOPE
TECHNOLOGY

Ti-GLIDE CASSETTE FREE HUB
Double Circlip Standard
Maintenance & Strip Instructions

Weekly

Apply a few drops of light oil to the ratchet seal (item 9) behind the sprockets, between cassette rotor and hub.

Three month intervals

Remove wheel and unscrew lock-ring holding sprockets in position, withdraw sprockets.

Use a broad blade screw-driver to prise out the spacer (item 13) from inside the rotor (item 10). Remove rotor body (item 10), turning anti-clockwise at the same time so as to prevent pawls being dislodged.

Remove pawls and springs and clean with meths or white spirit to remove old grease. Wipe out old grease from inside ratchet (item 5). Do not immerse hub in degreaser as this will remove grease from bearings.

Assembly Procedure:

Smear a thin layer of grease around pawl locations in rotor body and ratchet in hub. Insert springs into body, carefully re-place pawls into seatings. (The grease will help to retain them) Make sure springs are located properly in pawl and body. Slide rotor body assembly onto spindle. Using a small screw driver, ease pawls into ratchet whilst applying a gentle pressure to end of rotor body. When fully engaged rotor should spin freely in an anti-clockwise direction with the pawls clicking lightly and evenly. The rotor should lock up immediately when turned clockwise.

Replace spacer (item 13) with 'O' ring (item1) installed.

Apply a light film of grease to rotor splines and clean sprockets and refit.

Replace sprocket retainer ring and tighten to required torque 40 Nm (30 ft.lb.).

NOTE: We recommend the use of cassettes with an aluminium spider i.e.XT/XTR. If all steel sprockets are used slight marking of the rotor body may occur but this will not impair the function of the product .It is not recommended for HOPE hubs to be built radially.

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PARTS LIST

Item	Description	Qty.
1.	'O' Ring	2
2.	Spacer (19mm for 135 axle)	1
	" (14mm for 130 axle)	1
3.	Bearing 6001 2RS	2
4.	Hub Assembly	1
5.	Bearing 61902 2RS	2
6.	Lip Seal	1
7.	Spindle	1
8.	Pawl	3
9.	Spring	3
10.	Rotor Body	1
11.	Circlip	2
12.	Spacer (7 speed conversion)	1
13.	Spacer (11mm long)	1