



This manual is intended primarily for use by professional bicycle mechanics. Users who are not professionally trained for bicycle assembly should not attempt to install the components

If any part of the information on the manual is unclear to you, do not proceed with the installation. Instead, contact your dealer or a local bicycle shop for their assistance.

Make sure to read all instruction manuals included with the product.

You can find all the manuals and specs on our website <http://ingrid.bike>

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MOSCONI s.r.l. | via la Villa 28 zona artigianale Ghilardino 61034 Fossombrone, PU



NOTE

USE ONLY 12s MTB CHAINS !!!

Recommended chains:

SRAM XX1 EAGLE
SRAM X01 EAGLE

The use of 44T11 with chains not included in this list does not guarantee the proper functioning and may cause premature deterioration of the cogs

To adjust the rear derailleur and the chain length refer to the manufacturers ' manuals

MAINTENANCE

This product is not guaranteed against natural wear and deterioration from normal use and aging.

The cassettes should be periodically cleaned and lubricated for extending the life of the sprockets

Periodically check the chain. A worn chain can cause malfunction and increased deterioration of the cogs

!!! PERIODICALLY CHECK THE TIGHTENINGS. INCORRECT TIGHTENING MAY CAUSE MALFUNCTIONING OR BREAKAGE

SPECIFICATION

XD and HG free hub compatible

Cogs: 11-13-15-17-19-21-23-25-28-32-37-44
TOTAL RANGE 400%

Weight 298g

HG/HG ROAD FREEHUBS

WITH HG ROAD FREEHUBS
USE A 1.85 mm SPACER

APPLY GREASE ON CONTACT SURFACES OF INNER SPACER

SHIMANO LOCKRING TOOL
TIGHTENING TORQUE 30 Nm

APPLY MEDIUM STRENGTH THREADLOCKER TO THE LOCKRING THREAD

!!! PERIODICALLY CHECK THE TIGHTENINGS. INCORRECT TIGHTENING MAY CAUSE MALFUNCTIONING OR BREAKAGE

XD/XDR FREEHUBS

WITH XDR FREEHUBS
USE A 1.85 mm SPACER

APPLY GREASE ON CONTACT SURFACES OF FREEHUB and INNER CUP

INGRID CASSETTE LOCKRING TOOL ING-T-CA
TIGHTENING TORQUE 40 Nm

SHIMANO LOCKRING TOOL
TIGHTENING TORQUE 30 Nm

APPLY MEDIUM STRENGTH THREADLOCKER TO THE LOCKRING and FREEHUB THREAD

!!! PERIODICALLY CHECK THE TIGHTENINGS. INCORRECT TIGHTENING MAY CAUSE MALFUNCTIONING OR BREAKAGE

ALIGN THE WIDE TOOTH TO THE NOTCH