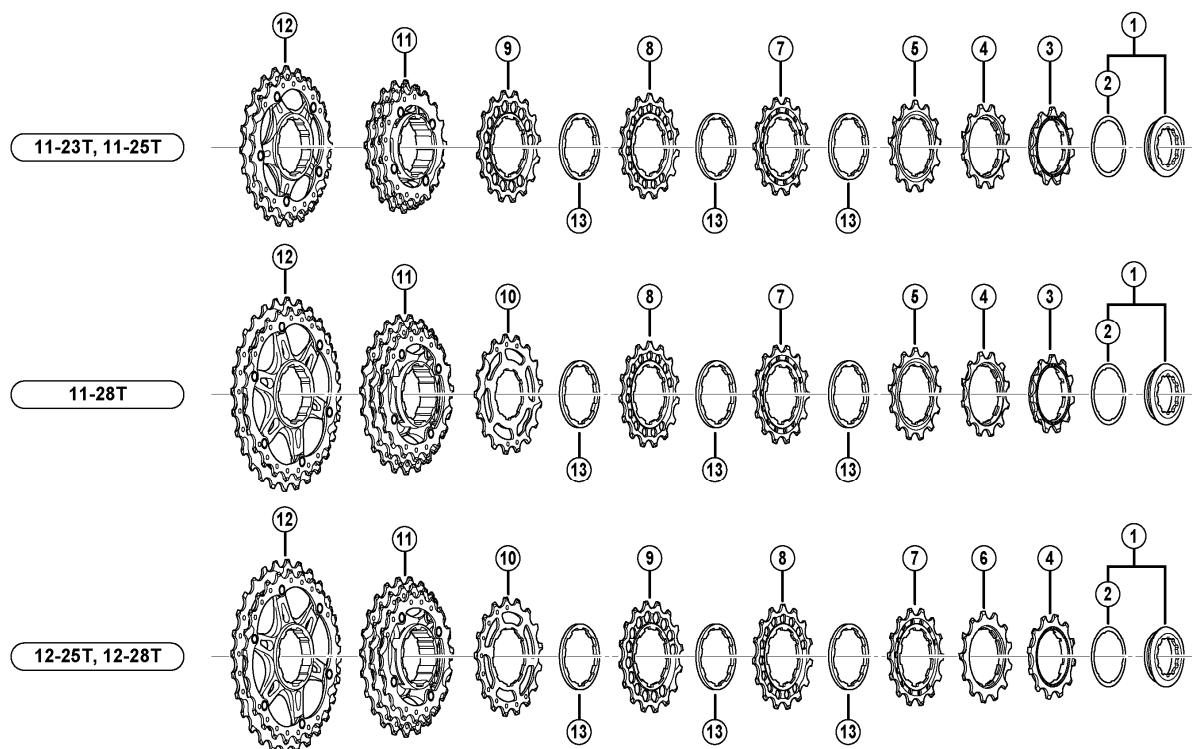


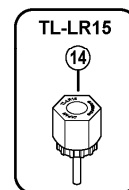
DURA-ACE Cassette Sprocket

CS-9000 11-Speed



CS-9000 sprocket teeth combinations

11 - 23 T	11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 23 T
11 - 25 T	11 - 12 - 13 - 14 - 15 - 16 - 17 - 19 - 21 - 23 - 25 T
11 - 28 T	11 - 12 - 13 - 14 - 15 - 17 - 19 - 21 - 23 - 25 - 28 T
12 - 25 T	12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 23 - 25 T
12 - 28 T	12 - 13 - 14 - 15 - 16 - 17 - 19 - 21 - 23 - 25 - 28 T



ITEM NO.	SHIMANO CODE NO.	DESCRIPTION
1	Y1YC98010	Lock Ring & Spacer
2	Y10Z04000	Lock Ring Spacer
3	Y1YC11000	Sprocket Wheel 11T (Built in spacer type) for 11-23T, 11-25T, 11-28T
4	Y1YC12000	Sprocket Wheel 12T (Built in spacer type) for 11-23T, 11-25T, 11-28T
	Y1YC12100	Sprocket Wheel 12T (Built in spacer type) for 12-25T, 12-28T
5	Y1YC13000	Sprocket Wheel 13T for 11-23T, 11-25T, 11-28T
6	Y1YC13100	Sprocket Wheel 13T (Built in spacer type) for 12-25T, 12-28T
7	Y1YC14000	Sprocket Wheel 14T
8	Y1YC15000	Sprocket Wheel 15T
9	Y1YC16000	Sprocket Wheel 16T
10	Y1YC17100	Sprocket Wheel 17T for 11-28T
	Y1YC17200	Sprocket Wheel 17T for 12-25T, 12-28T
11	Y1YC98020	Sprocket Unit (17-18-19T) for 11-23T
	Y1YC98030	Sprocket Unit (17-19-21T) for 11-25T
	Y1YC98040	Sprocket Unit (19-21-23T) for 11-28T
	Y1YC98050	Sprocket Unit (18-19-21T) for 12-25T
	Y1YC98060	Sprocket Unit (19-21-23T) for 12-28T
12	Y1YC98070	Sprocket Unit (21-23T) for 11-23T (Sprocket Carrier for 5arm)
	Y1YC98080	Sprocket Unit (23-25T) for 11-25T (Sprocket Carrier for 6arm)
	Y1YC98090	Sprocket Unit (25-28T) for 11-28T (Sprocket Carrier for 6arm)
	Y1YC98100	Sprocket Unit (23-25T) for 12-25T (Sprocket Carrier for 6arm)
	Y1YC98110	Sprocket Unit (25-28T) for 12-28T (Sprocket Carrier for 6arm)
13	Y1YC05000	Sprocket Spacer (t=2.18 mm)
14	Y12009230	Lock Ring Removal Tool (TL-LR15)

A: Same parts.

B: Parts are usable, but differ in materials, appearance, finish, size, etc.

Absence of mark indicates non-interchangeability.

Jul.-2012-3324

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Specifications are subject to change without notice.

SHIMANO