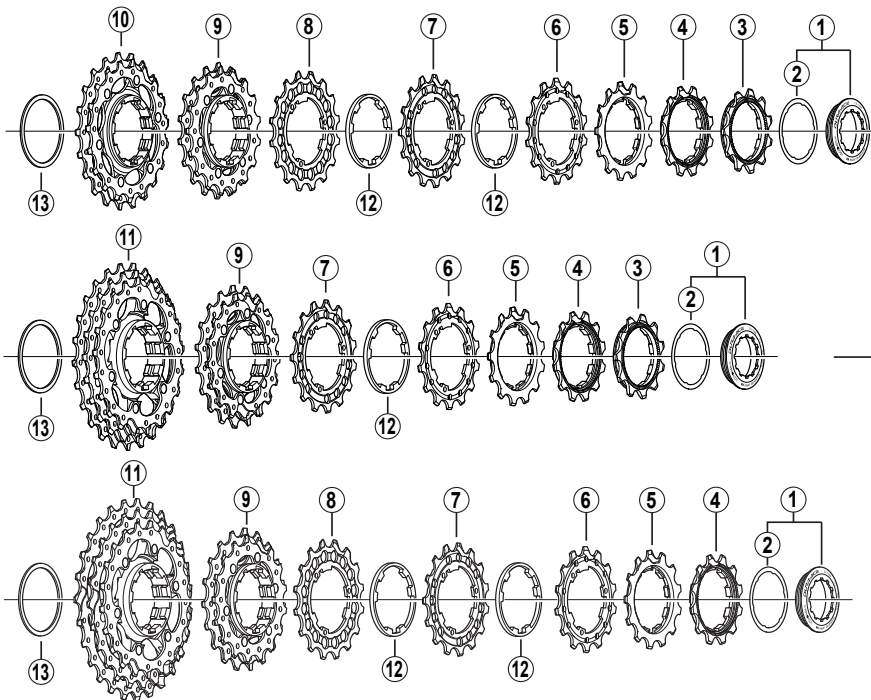


DURA-ACE Cassette Sprocket
CS-7900

10-Speed

CS-7900 sprocket teeth combinations

11 - 21 T	11 - 12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 T
11 - 23 T	11 - 12 - 13 - 14 - 15 - 16 - 17 - 19 - 21 - 23 T
11 - 25 T	11 - 12 - 13 - 14 - 15 - 17 - 19 - 21 - 23 - 25 T
11 - 27 T	11 - 12 - 13 - 14 - 15 - 17 - 19 - 21 - 24 - 27 T
11 - 28 T	11 - 12 - 13 - 14 - 15 - 17 - 19 - 21 - 24 - 28 T
12 - 23 T	12 - 13 - 14 - 15 - 16 - 17 - 18 - 19 - 21 - 23 T
12 - 25 T	12 - 13 - 14 - 15 - 16 - 17 - 19 - 21 - 23 - 25 T
12 - 27 T	12 - 13 - 14 - 15 - 16 - 17 - 19 - 21 - 24 - 27 T



11T Top Gear Type

TL-LR15



12T Top Gear Type

CS-7800
CS-6600

ITEM NO.	SHIMANO CODE NO.	DESCRIPTION	INTERCHANGE-ABILITY	
1	Y-1YZ 98010	Lock Ring & Spacer for 11T		
	Y-1YZ 98020	Lock Ring & Spacer for 12T		
2	Y-10Z 04000	Lock Ring Spacer for 11T		
	Y-11W02000	Lock Ring Spacer for 12T	A	A
3	Y-1Z8 1100D	Sprocket Wheel 11T (Built in spacer type)	A	A
4	Y-1Z8 1200D	Sprocket Wheel 12T (Built in spacer type)	A	A
* 5	Y-1Z8 1300D	Sprocket Wheel 13T (Built in spacer type)		A
6	Y-1YZ 1400D	Sprocket Wheel 14T		
7	Y-1YZ 1500D	Sprocket Wheel 15T		
8	Y-1YZ 1600D	Sprocket Wheel 16T		
9	Y-1YZ 98030	Sprocket Unit (17-18T) for 11-21T		
	Y-1YZ 98040	Sprocket Unit (17-18T) for 12-23T		
	Y-1YZ 98050	Sprocket Unit (17-19T) for 11-23T		
	Y-1YZ 98060	Sprocket Unit (17-19T) for 12-25T, 12-27T		
	Y-1YZ 98070	Sprocket Unit (17-19T) for 11-25T, 11-27T, 11-28T		
10	Y-1YZ 98080	Sprocket Unit (19-21T)		
	Y-1YZ 98090	Sprocket Unit (21-23T)		
11	Y-1YZ 98100	Sprocket Unit (19-21-23T)		
	Y-1YZ 98110	Sprocket Unit (21-23-25T)		
	Y-1YZ 98120	Sprocket Unit (21-24-27T)		
12	Y-1YZ 98130	Sprocket Unit (21-24-28T)		
	Y-1Z8 05100	Sprocket Spacer (t=2.35 mm)	B	B
13	Y-1Z8 07000	Low Spacer (t=1.0 mm)	A	A
14	Y-120 09230	Lock Ring Removal Tool (TL-LR15)	A	A

A: Same parts.

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

Absence of mark indicates non-interchangeability.

0810-2869A

Specifications are subject to change without notice.

SHIMANO