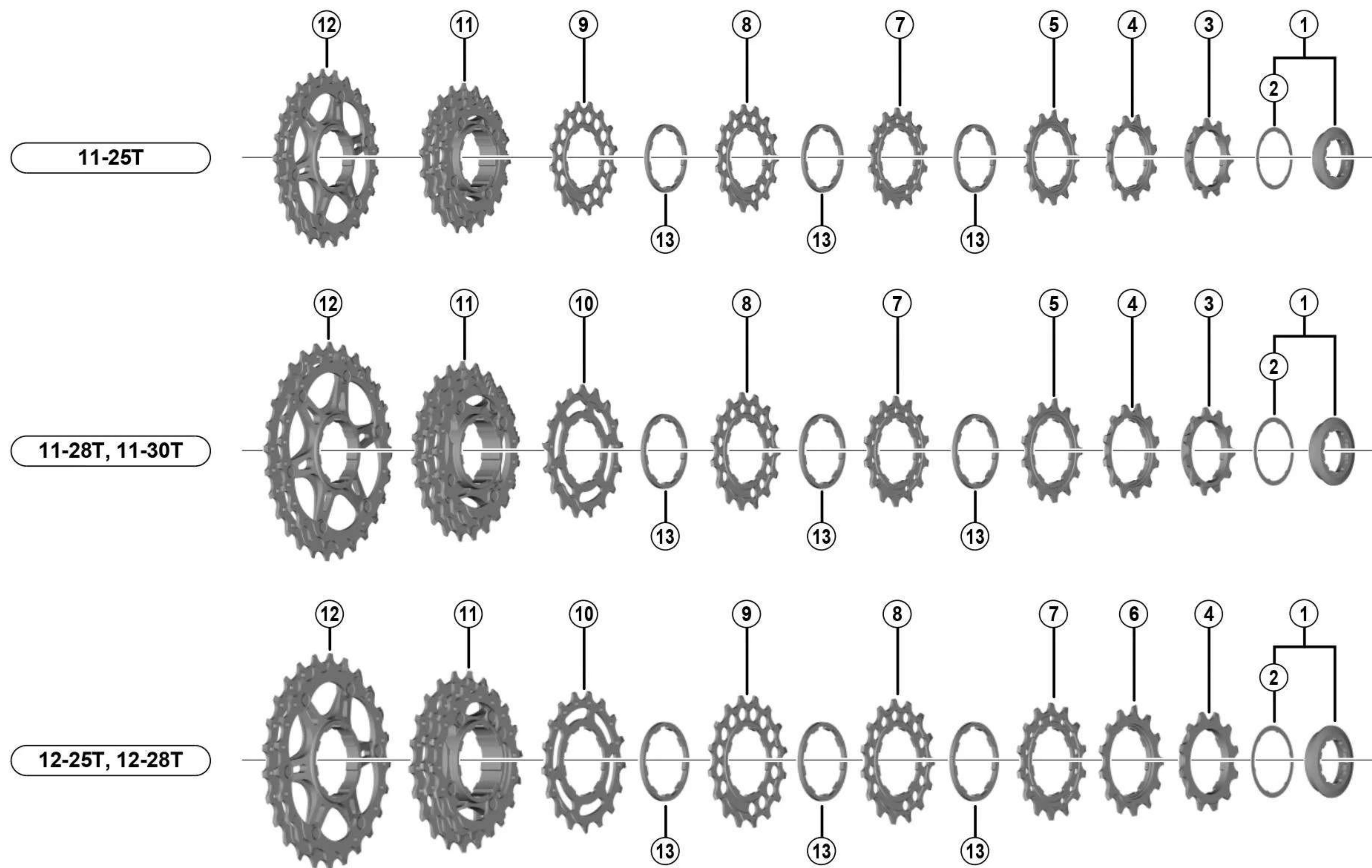


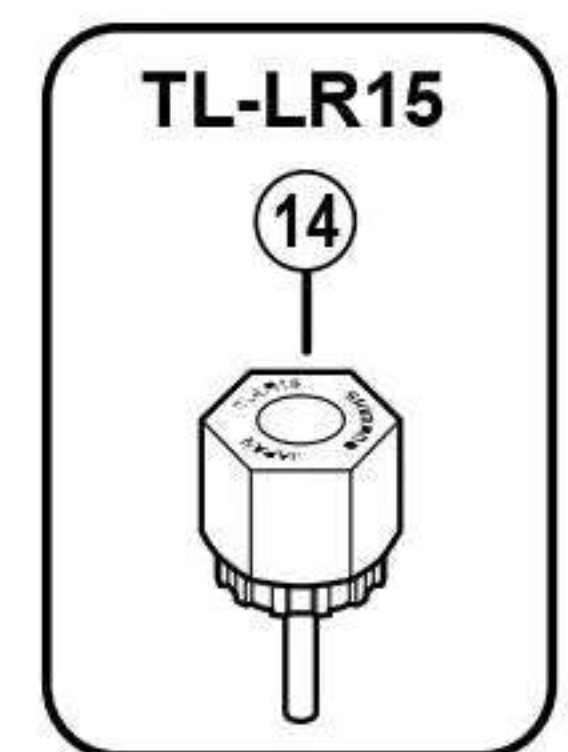
DURA-ACE Cassette Sprocket

CS-R9100 11-speed



CS-R9100 sprocket teeth combinations

| | |
|-----------|--|
| 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 |
| 11 - 30 T | 11 - 12 - 13 - 14 - 15 - 17 - 19 - 21 - 24 - 27 - 30 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 |



CS-9000

| ITEM NO. | SHIMANO CODE NO. | DESCRIPTION | INTERCHANGEABILITY |
|----------|------------------|--|--------------------|
| 1 | Y1VT98010 | Lock Ring & Spacer | B |
| 2 | Y10Z04000 | Lock Ring Spacer | A |
| 3 | Y1VT11000 | Sprocket Wheel 11T A (Built in spacer type) for 11-25T, 11-28T, 11-30T | A |
| * 4 | Y1VT12000 | Sprocket Wheel 12T A (Built in spacer type) for 11-25T, 11-28T, 11-30T | A |
| | Y1VT12100 | Sprocket Wheel 12T B (Built in spacer type) for 12-25T, 12-28T | A |
| * 5 | Y1VT13000 | Sprocket Wheel 13T A for 11-25T, 11-28T, 11-30T | A |
| 6 | Y1YC13100 | Sprocket Wheel 13T B (Built in spacer type) for 12-25T, 12-28T | A |
| 7 | Y1YC14000 | Sprocket Wheel 14T A | A |
| 8 | Y1YC15000 | Sprocket Wheel 15T A | A |
| 9 | Y1YC16000 | Sprocket Wheel 16T A | A |
| 10 | Y1YC17100 | Sprocket Wheel 17T B for 11-28T, 11-30T | A |
| | Y1YC17200 | Sprocket Wheel 17T C for 12-25T, 12-28T | A |
| | Y1YC98130 | Sprocket Unit (17-19-21T) for 11-25T | A |
| | Y1YC98140 | Sprocket Unit (19-21-23T) for 11-28T | A |
| 11 | Y1VT98020 | Sprocket Unit (19-21-24T) for 11-30T | |
| | Y1YC98150 | Sprocket Unit (18-19-21T) for 12-25T | A |
| | Y1YC98160 | Sprocket Unit (19-21-23T) for 12-28T | A |
| | Y1VT98030 | Sprocket Unit (23-25T) for 11-25T | B |
| | Y1VT98040 | Sprocket Unit (25-28T) for 11-28T | B |
| 12 | Y1VT98050 | Sprocket Unit (27-30T) for 11-30T | |
| | Y1VT98060 | Sprocket Unit (23-25T) for 12-25T | B |
| | Y1VT98070 | Sprocket Unit (25-28T) for 12-28T | B |
| 13 | Y1VT07000 | Sprocket Spacer (t=2.18 mm) | A |
| 14 | Y12009230 | Lock Ring Removal Tool (TL-LR15) | A |

A: Same parts.

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

Absence of mark indicates non-interchangeability.

Specifications are subject to change without notice.

May-2017-4065A

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