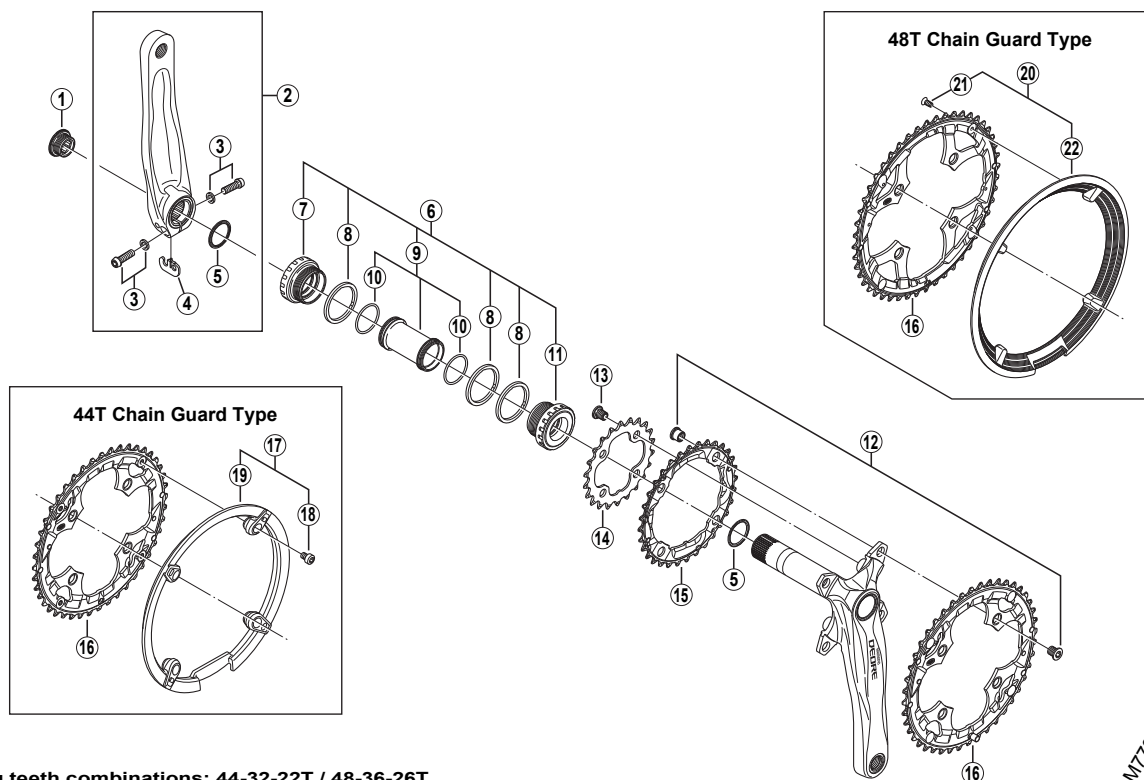


DEORE Front Chainwheel  
**FC-M590-S** Silver Version  
**FC-M590-L** Black Version



- Chaining teeth combinations: 44-32-22T / 48-36-26T
- Bolt circle diameter: 104 mm...(For outer gear and middle gear), 64 mm...(For inner gear)

FC-M770  
 FC-M591  
 FC-M582

ITEM NO.	SHIMANO CODE NO.	DESCRIPTION	INTERCHANGEABILITY		
			FC-M770	FC-M591	FC-M582
1	Y-1F8 11100	Crank Arm Fixing Bolt	A	A	A
2	Y-1LD98010	Left Hand Crank Arm 170 mm (Silver) for FC-M590-S			
	Y-1LD98020	Left Hand Crank Arm 170 mm (Black) for FC-M590-L			
	Y-1LD98030	Left Hand Crank Arm 175 mm (Silver) for FC-M590-S			
	Y-1LD98040	Left Hand Crank Arm 175 mm (Black) for FC-M590-L			
3	Y-1KS98030	Clamp Bolt (M6 x 19) & Washer		A	
4	Y-1FU98120	Plate	A	A	A
5	Y-1F3 16000	Ring	A	A	A
6	Y-1LD98050	Adapter Unit			
7	Y-1LD98060	Left Hand Adapter (B.C.1.37" x 24T) English Thread		A	
8	Y-1F8 13000	Spacer (2.5 mm)	A	A	A
9	Y-1J8 98060	Inner Cover & O-Ring		A	
10	Y-1TF 21000	O-Ring	A	A	A
11	Y-1LD98070	Right Hand Adapter (B.C.1.37" x 24T) English Thread		A	
12	Y-1FM98020	Double Gear Fixing Bolt (M8 x 8.5) & Nut (4 sets)		A	
13	Y-1FM98030	Inner Gear Fixing Bolt (M8 x 8.5 / 4 pcs.)		A	
14	Y-1J8 22000	Chainring 22T (Silver) for FC-M590-S		A	
	Y-1LD22000	Chainring 22T (Black) for FC-M590-L		A	
	Y-1FV26000	Chainring 26T (Silver) for FC-M590-S		A	
	Y-1LD26000	Chainring 26T (Black) for FC-M590-L		A	
15	Y-1J8 98070	Chainring 32T (Silver) for FC-M590-S		A	
	Y-1LD98080	Chainring 32T (Black) for FC-M590-L		A	
	Y-1J8 98080	Chainring 36T (Silver) for FC-M590-S		A	
	Y-1LD98090	Chainring 36T (Black) for FC-M590-L		A	
16	Y-1GX98050	Chainring 44T (Black) for FC-M590-S		A	
	Y-1GX98060	Chainring 44T (Black) for FC-M590-S Chain Guard		A	
	Y-1LD98100	Chainring 44T (Gray) for FC-M590-L			
	Y-1LD98110	Chainring 44T (Gray) for FC-M590-L Chain Guard		A	
*	Y-1GX98090	Chainring 48T (Black) for FC-M590-S			
	Y-1LD98160	Chainring 48T (Black) for FC-M590-S Chain Guard		A	
	Y-1LD98120	Chainring 48T (Gray) for FC-M590-L			
	Y-1LD98130	Chainring 48T (Gray) for FC-M590-L Chain Guard		A	
17	Y-1J8 98090	44T Chain Guard & Fixing Bolts		A	
18	Y-1CY98020	44T Chain Guard Fixing Bolt (4 pcs.)		A	A
19	Y-1GX14000	44T Chain Guard		A	
20	Y-1LD98140	48T Chain Guard & Fixing Screws for FC-M590-S		A	
	Y-1LD98150	48T Chain Guard & Fixing Screws for FC-M590-L		A	
21	Y-1D298010	48T Chain Guard Fixing Screw (4 pcs.)		A	
22	Y-1LD12000	48T Chain Guard for FC-M590-S		A	
	Y-1LD13000	48T Chain Guard for FC-M590-L		A	

A: Same parts.  
 B: Parts are usable, but differ in materials, appearance, finish, size, etc.  
 Absence of mark indicates non-interchangeability.

Dec.-2009-2926B  
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Specifications are subject to change without notice.

**SHIMANO**