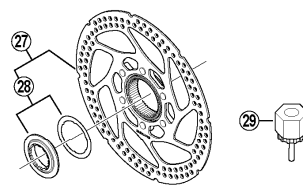
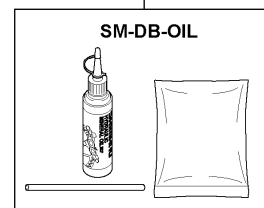
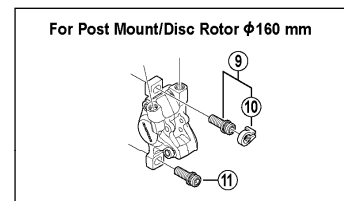
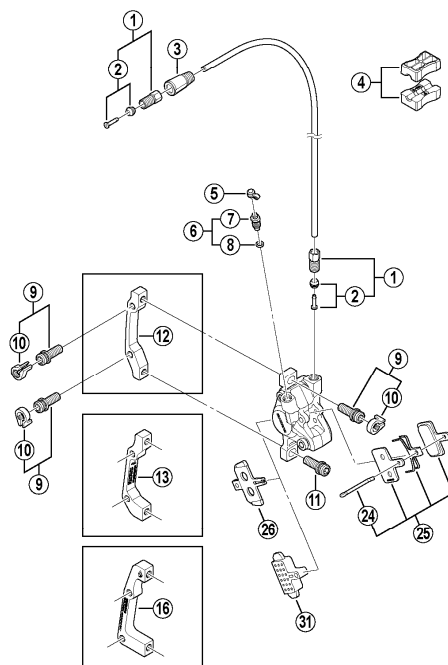
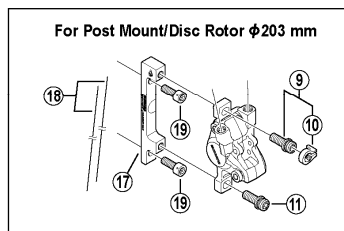
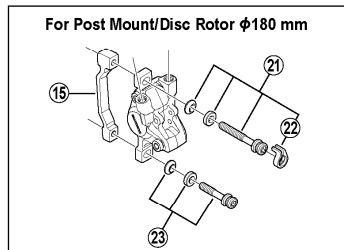
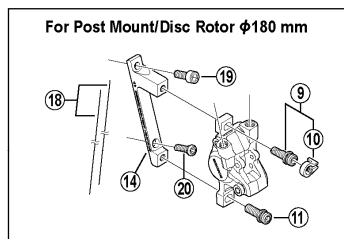


Front Disc Brake

BR-M445 Brake Caliper
SM-RT53 Disc Rotor

SM-BH59 Brake Hose



BR-M445

BR-M446

ITEM NO.	SHIMANO CODE NO.	DESCRIPTION	INTERCHANGEABILITY		
1	Y8H298010	Connecting Bolt Unit	A	A	
2	Y8H298020	Olive & Connecting Insert	A	A	
3	Y8H203010	Cover	A	A	
4	Y8H198030	TL-BH61 Special Tool (2 pcs.)	A	A	
5	Y8B214000	Bleed Nipple Cap	A	A	
6	Y8ES98020	Bleed Nipple & Seal Ring	A	A	
7	Y8CL24100	Bleed Nipple	A	A	
8	Y8B511000	O-Ring for Bleed Nipple	A	A	
9	Y8DS98010	Adapter Fixing Bolt (M6 x 18.7) & Stop Ring	A	A	
10	Y8C511000	Stop Ring	A	A	
11	Y8C509020	Adapter Fixing Bolt (M6 x 18.7)	A	A	
12	Y8DB11100	A-Standard Mount Adapter (SM-MA-F160P/S) for Disc Rotor φ 160 mm	A	A	
13	Y81731100	A-Standard Mount Adapter (SM-MA-F180P/S) for Disc Rotor φ 180 mm	A	A	
14	Y81734100	Post Mount Adapter (SM-MA-F180P/P) for Disc Rotor φ 180 mm	A	A	
15	Y81738000	Post Mount Adapter (SM-MA-F180P/P2) for Disc Rotor φ 180 mm			
16	Y8CZ01100	A-Standard Mount Adapter (SM-MA-F203P/S) for Disc Rotor φ 203 mm	A	A	
17	Y8CZ01130	Post Mount Adapter (SM-MA-F203P/P) for Disc Rotor φ 203 mm	A	A	
18	Y8B298010	Wire (2 pcs.)	A	A	
19	Y8B232200	Adapter Fixing Bolt (M6 x 15) for Wire Type	A	A	
20	Y8AA43130	Adapter Fixing Bolt (M6 x 15)	A	A	
21	Y8G498020	Caliper Fixing Bolt Unit (M6 x 37.9)			
22	Y81703000	Snap Ring			
23	Y8G498030	Caliper Fixing Bolt Unit (M6 x 32.1)			
24	Y8DB06000	Split Pin	A	A	
25	Y8ES98030	Resin Pad (B01S) & Spring w/Split Pin	A	A	
26	Y8J506000	Pad Spacer			
27	ESMRT53	SM-RT53 Disc Rotor Unit (φ 160 mm)	B	A	
	ESMRT53M	SM-RT53M Disc Rotor Unit (φ 180 mm)	B	A	
	ESMRT53L	SM-RT53L Disc Rotor Unit (φ 203 mm)	B	A	
28	Y8HS98030	Lock Ring & Washer	A	A	
29	Y12009230	TL-LR15 Lock Ring Removal Tool	A	A	
30	Y83998010	Mineral Oil Bleed Kit (50 ml)	A	A	
31	Y8FZ05000	Bleeding Spacer	A	A	

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

Feb.-2010-2992
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Specifications are subject to change without notice.

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