

DURA-ACE

R9100 SERIES GENUINE PARTS

Brake Shoes



For caliper brake
Caliper brake shoes



For direct mount brake
Caliper brake shoes



For aluminum rim
Standard shoes for
aluminum rims



For carbon rim
Designed specifically for
carbon rims and
resists frictional heat



R55C4



R55C4 for carbon rim

Cartridge-type shoes set

Model name	ICONS				Remark	Unit (pair)	Code no.
R55C4 (BR-R9110)	—	X	X	—	Cartridge included	1	Y8L398020
R55C4 (BR-R9100)	X	—	X	—	Cartridge included	1	Y8L298050

Brake shoes for cartridge type

Model name	ICONS				Remark	Unit (pair)	Code no.
R55C4	X	X	X	—		1	Y8L298060
R55C4 (2pair)						2	Y8L298062
R55C4-A for carbon rim (-1mm thinner shoe)	X	X	—	X	For carbon wide rim (19-28mm) only	1	Y8PP98060
R55C4 for carbon rim	X	X	—	X	For carbon rim only	1	Y8L298070
R55C4 for carbon rim (2pair)						2	Y8L298072

Disc Brake Pads



Metal pads
Consistently perform well
in dry or wet conditions
and durability



Resin pads
Make less noise than
sintered metal pads and
offer better modulation



Stopping power rating
*** Average
**** Above average
***** High power



Radiator fin
Provides long pad life and
less fade by cooling
technology



Titanium back plates
Titanium back plates with
resin pads are lighter and
insulate heat better



Titanium back plates
Titanium back plates with
metal pads are lighter and
insulate heat better



K04Ti



L04C

• 1 unit (pair)									
Model name	Model type	ICONS						Unit (pair)	Code no.
NEW K04Ti	Metal	*****	—	—	—	X	—	1	Y8PU98020
K04S	Metal	*****	X	—	—	—	—	1	Y8N398020
NEW K02Ti	Resin	****	—	—	—	—	X	1	Y8PU98010
K02S	Resin	****	—	X	—	—	—	1	Y8N398010
L04C	Metal	*****	X	—	X	—	—	1	Y8N398040
L02A	Resin	****	—	X	X	—	—	1	Y8N398030

Disc Brake Rotors



Mount	Model Name	Rotor Size	Lock ring	Rotor		Compatible brake pad		Code no.
				Alloy	ICE TECHNOLOGIES FREEZA	Metal	Resin	
CENTER LOCK	NEW SM-RT900	160 mm	X		ICE TECHNOLOGIES FREEZA	X	X	ISMRT900S
		140 mm	X			X	X	ISMRT900SS

Disc Brake Hose



Brake hose rigidity

SHIMANO SM-BH90

Model Name	Connection			Note	Code no.
NEW SM-BH90-JK-SSR	Straight - Straight		*****	Black 1000mm	ISMBH90JKSSL100
				Black 1700mm	ISMBH90JKSSL170

Cables



Polymer coating
Polymer coated inner cables reduce the sliding resistance to achieve lighter and quick operation



Low friction
Cables are formed with curved surface for low friction



Anti-rust
Stainless steel cable for anti-rust protection



Silicone grease
SIS SP41 is pre-lubricated with a special silicone grease for light-action shifting



Mud resistance
Sealed end caps to minimize mud contamination



Shifter cable end

NEW OT-SP41 polymer coated shift cable sets for DURA-ACE R9100 series (OT-RS900 is included)

Inner cable	Small parts	Outer casing	Icon	Color	Code no.
<ul style="list-style-type: none"> • ø 1.2mm x 2100mm (1 pc.) • ø 1.2mm x 1800mm (1 pc.) • Polymer coated • Stainless steel 	<ul style="list-style-type: none"> • Outer cap with short tongue for ST-R9100/R9120 (2 pcs.) • Outer cap with long tongue (3 pcs.) • Sealed outer cap for Rear Derailleur (1 pc.) • Inner end cap (2 pcs.) • Cover with tongue for rear derailleur (1 pc.) • Outer cap for FD in case of full outer cable routing(1pc.) 	<ul style="list-style-type: none"> • OT-SP41 1700mm • OT-RS900 240mm (1pc.) 		Black	Y0BM98010
				White	Y0BM98010
				Red	Y0BM98030
				High-tech gray	Y0BM98040

NEW OT-RS900 240 mm × 10 pcs

Description	Icon	Color	Code no.
<ul style="list-style-type: none"> • Road • Must use with RD-R9100 • 240mm • 10 unit • Sealed outer cap for rear derailleur (1pc.) • Outer cap with long tongue (1pc.) 		Black	Y0BM98011
		White	Y0BM98021
		Red	Y0BM98031
		High-tech gray	Y0BM98041

Bottom Bracket



BB Type	Model name	BB shell width	Code no.
Thread type	NEW BB-R9100	68 mm (BSA)	IBBR9100B
		70 mm (Italian)	IBBR9100I

Chain



Directional design



Chromizing Treatment Link Pin



Hollow Pin



Type	Model name	Outer Link Plate Surface Treatment	Inner Link Plate Surface Treatment				Connecting pin	Weight (114 link)	Code no.	Replacement/ Remark
HG-X11	CN-HG901-11	SIL-TEC	SIL-TEC	X	X	X	QUICK-LINK (SM-CN900-11)	247g	ICNHG90111116Q	CN-9000/ HG900-11

Chainrings



Model name	Front chainring type	Speed	Description	Code no.
NEW FC-R9100	Double	11-speed	Chainring 34T-MS for 50-34T	Y1VP34000
			Chainring 36T-MT for 52-36T	Y1VP36000
			Chainring 39T-MW for 53-39T	Y1VP39000
			Chainring 42T-MX for 54/55-42T	Y1VP42000
			Chainring 50T-MS for 50-34T	Y1VP98010
			Chainring 52T-MT for 52-36T	Y1VP98020
			Chainring 53T-MW for 53-39T	Y1VP98030
			Chainring 54T-MX for 54-42T	Y1VP98040
			Chainring 55T-MX for 55-42T	Y1VP98050

Cassette Sprockets



• 1 unit (set)				
Model name	Speed	Teeth	Weight (g)	Code no.
NEW CS-R9100	11-speed	11-12-13-14-15-16-17-18-19-21-25T	175g (11-25T)	ICSR910011125
		11-12-13-14-15-16-17-19-21-23-28T		ICSR910011128
		11-12-13-14-15-17-19-21-24-27-30T		ICSR910011130
		12-13-14-15-16-17-18-19-21-23-25T		ICSR910011225
		12-13-14-15-16-17-19-21-23-25-28T		ICSR910011228


— Show underlined gears are made of titanium.

Rear Derailleur Pulleys



Bearing x 2
Precision sealed bearings in both guide and tension pulleys keep drivetrain smooth and friction-free



• 1 unit (set) • A set of 1 tension pulley & guide pulley		
Model name	 x2	Code no.
NEW Pulley set (Premium - Road)	X	Y5ZR98010

Hood Covers



Model name	Color	Unit	Code no.
NEW ST-R9170	Black	pair	Y0CA98010
NEW ST-R9150	Black	pair	Y0C898010
NEW ST-R9120	Black	pair	Y0C698010
NEW ST-R9100	Black	pair	Y0BF98010

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