



Cassette Sprockets



1 unit (set)				
	Model no.	Teeth	Weight (g)	Code no.
12-speed	NEW CS-M9100-12	10-12-14-16-18-21-24-28-32-36-40-45T	357 g	ICSM9100045
		10-12-14-16-18-21-24-28-33-39-45-51T	367 g	ICSM9100051

Rear Derailleur Pulleys



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



Bearing x 1
Precision sealed bearing tension pulley for low friction



Ceramic bushing
Ceramic bushing is used in guide pulley for durability



• 1 unit (set) • A set of 1 tension pulley & guide pulley						
	Performance indicator	Model no.				Code no.
NEW Pulley set		RD-M9100/M9120	X	—	—	Y3FA98090

Tools



Nickel & Chromium plating
Chrome plating for durability and corrosion resistance



SHIMANO chain tool driving pin
Special driving pin retains the excess ring of the removed rivet pin



Rotating driving pin
Ball bearing supported driving pin axle reduces handle rotation effort



Molybdenum treatment
Molybdenum treatment on axle threads for smoother rotation



Connecting pilot guide pin remover
Easily breaks off the pilot guide connecting pin



Ergonomic design
Ergonomic design reduces stress and enables efficient power transfer



TL-SR24



TL-FC41



TL-CN35

Category	Model no.		Icon	Usage	Compatibility	Remark	Code no.
Cassette sprocket	NEW TL-SR24	12-speed compatible sprocket remover		Holds 10-12 speed sprockets to remove lock ring with TL-LR15/20	SHIMANO 10-12 speed cassette sprocket	This tool cannot remove fixed gear sprockets due to the position of the chain fixed to the blade	Y13098730
Crankset	NEW TL-FC41	Front chainring direct mount tool		Installation and removal tool of lock ring for chainring	FC-M9100/M9120	Adapter style to use with TL-FC36, TL-FC33 or TL-FC32	Y13098720
Chain	NEW TL-CN29	12-speed compatible chain tool		For cutting and connecting SHIMANO 9-12 speed chain	SHIMANO 9-12 speed chain	Home mechanic chain tool	Y13098700
	NEW TL-CN35	12-speed compatible professional chain tool		For cutting and connecting SHIMANO 9-12 speed chain	SHIMANO 9-12 speed chain	Deluxe workshop quality chain tool	Y13098710





M9100 SERIES GENUINE PARTS

Disc Brake Pads



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



Metal pads
More braking power and durability



Resin pads
Less noise and better modulation



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



Titanium back plates
Titanium back plates with metal pads for lightweight resistance



Titanium back plates
Titanium back plates with resin pads for lightweight



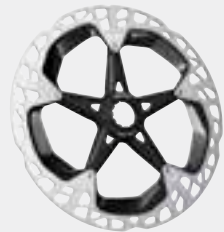
K04Ti



N03A

1 unit (pair)										
Model no.	Model type	Icon						Compatibility model	Unit (pair)	Code no.
K04Ti	Metal	*****	—	—	—	X	—	BR-M9100, BR-R9170, BR-R8070, BR-R7070, BR-RS805, BR-RS505, BR-RS405, BR-RS305, BR-U5000	1	Y8PU98020
NEW K03Ti	Resin	****	—	—	—	—	X		1	Y1XC98010
NEW N04C	Metal	*****	X	—	X	—	—	BR-M9120	1	Y1XD98020
NEW N03A	Resin	****	—	X	X	—	—		1	Y1XD98010

Disc Brake Rotor

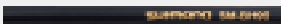


Mount	Model no.	Performance indicator	Disc brake rotor size	MTB	ROAD	Lock ring	Disc brake rotor		Compatible brake pad		Code no.
							Alloy		Metal	Resin	
CENTER LOCK	NEW RT-MT900		203 mm	X	—	X			X	X	IRTM900L
			180 mm	X	—	X			X	X	IRTM900M
			160 mm	X	—	X			X	X	IRTM900S
			140 mm	X	—	X			X	X	IRTM900SS

Disc Brake Hose



Brake hose rigidity



Model no.	Connection		Note	Code no.
SM-BH90-SBM (BR-M9120)	Straight - Banjo		Black 1000 mm	ISMBH90SBMLL100A
			Black 1700 mm	ISMBH90SBMLL170A
			Black 2000 mm	ISMBH90SBMLL200A
SM-BH90-SS (BR-M9100)	Straight - Straight		Black 1000 mm	ESMBH90SSL100
			Black 1700 mm	ESMBH90SSL170
			Black 2000 mm	ESMBH90SSL200

*1 : Connecting insert pin for SM-BH90



M9100 SERIES GENUINE PARTS

Cables



OPTISLICK
Improves cable routing efficiency and provides excellent corrosion resistance



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

OT-SP41 Polymer coated shifting cable sets for rear derailleur (only)

Inner cable	Performance indicator	Small parts	Outer casing	Icon	Color	Code no.
• ø 1.2 mm x 2100 mm • Polymer coating • Stainless steel		• Sealed outer caps, plastic (1 pc.) • Sealed outer caps, aluminum (1 pc.) • Sealed outer caps nose (4 pcs.) • Rubber shields (4 pcs.) • Inner end caps (1 pc.) • Cover with tongue for rear derailleur (1 pc.)	• OT-SP41 2000 mm	 	Black	Y01V98112

OT-SP41 OPTISLICK shifting cable sets for rear derailleur (only)

Inner cable	Performance indicator	Small parts	Outer casing	Icon	Color	Code no.
• ø 1.2 mm x 2100 mm • OPTISLICK • Stainless steel		• Sealed outer caps, plastic (5 pcs.) • Sealed outer caps nose (1 pc.) • Rubber shields (1 pc.) • Inner end caps (1 pc.)	• OT-SP41 2000 mm	 	Black	Y60198092

Bottom Bracket

Bottom bracket type	Bottom bracket shell width	Bottom bracket cup diameter	Inner cover	Model no.	Code no.
Press-Fit type	89.5/92 mm	41 mm	X	SM-BB94-41A	ISMBB9441A
Thread type	68/73 mm			SM-BB93	ISMBB93B

Chains



Directional design



Perforated Ultra light Plate



Chromizing Treatment Link Pin



Hollow Pin

12/11-speed

Type	Photo	Model no.	Performance indicator	Outer link plate surface treatment	Inner link plate surface treatment					Connecting pin	Weight (114 link)	Code no.
HYPERGLIDE+		NEW CN-M9100		SIL-TEC	Chromizing	X	—	X	X	QUICK-LINK (SM-CN910-12)	242 g	ICNM9100116Q
												ICNM9100126Q
												ICNM9100138Q

QUICK-LINK

Photo	Model no.	Compatibility	Note	Unit	Code no.
	NEW SM-CN910-12	For CN-M9100	• Wears and functions like other links on the chain • SIL-TEC surface treatment • Tool free installation possible • TL-CN10 is available as SM-CN900-11 • Single use	2 pairs 50 pairs (workshop jar)	ISMCM91012A ISMCM91012B5

Chainrings



Model no.	Front chainring type	Speed	Description	Code no.
NEW FC-M9100-1/FC-M9120-1	Single	12/11-speed	Chainring 30T (for single) (SM-CRM95)	ISMCRM95A0
			Chainring 32T (for single) (SM-CRM95)	ISMCRM95A2
			Chainring 34T (for single) (SM-CRM95)	ISMCRM95A4
			Chainring 36T (for single) (SM-CRM95)	ISMCRM95A6
			Chainring 38T (for single) (SM-CRM95)	ISMCRM95A8
NEW FC-M9100-2/FC-M9120-B2	Double	12-speed	Chainring 28T (for 38-28T)	Y1X228000
			Chainring 38T (for 38-28T), for FC-M9100-2	Y1X298010
			Chainring 38T (for 38-28T), for FC-M9120-B2	Y0G898010