

911 KIT

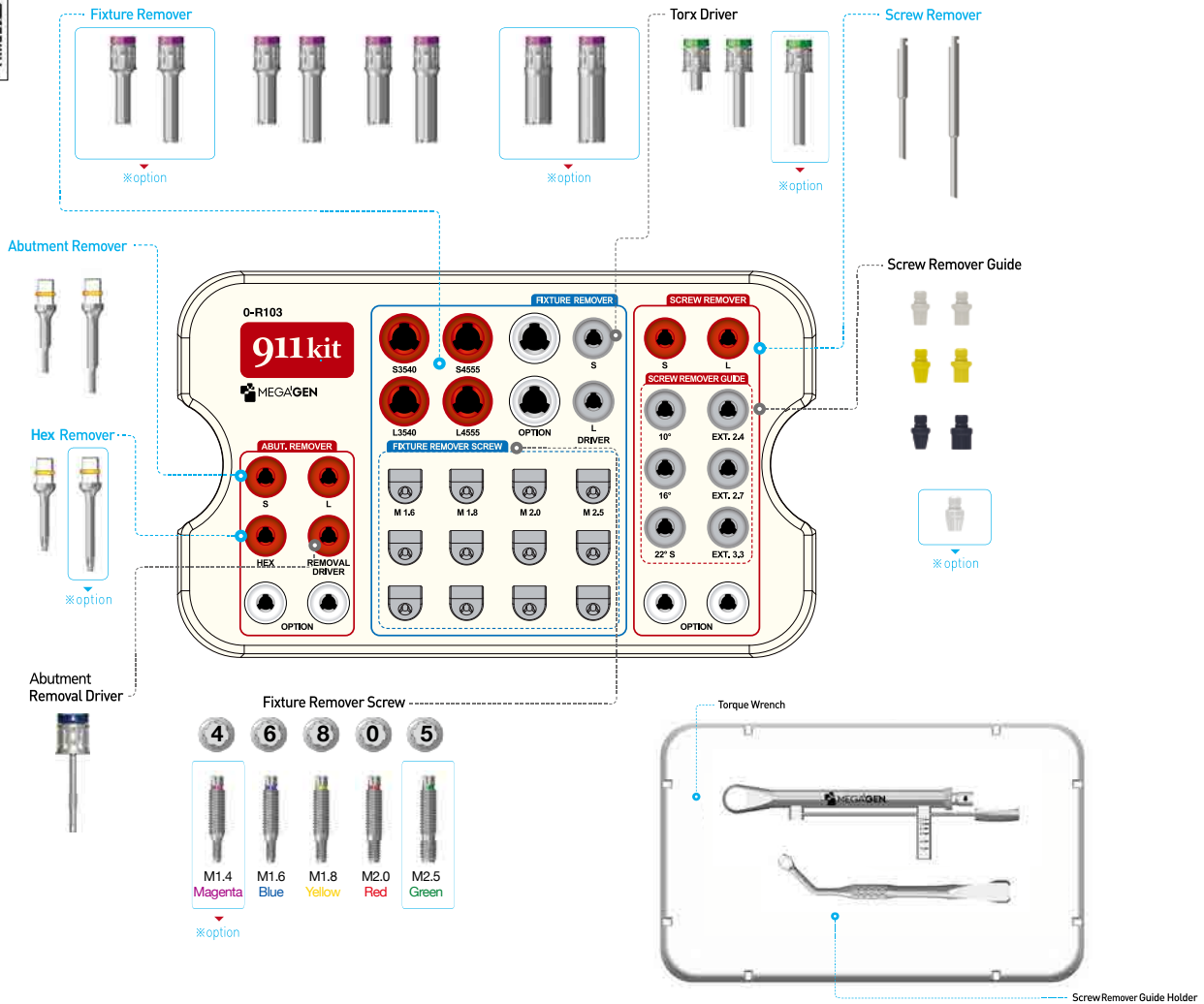
by MEGA'GEN



911 kit

The total solution kit to remove broken pieces easily when fixture, abutment or screw are fractured.

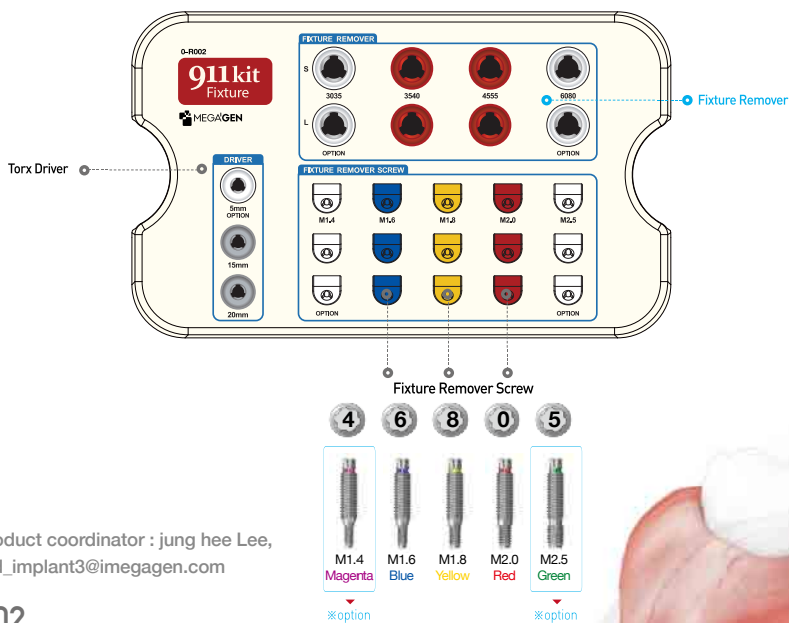
Ref.C
KPCS3000



911 Fixture Removal kit

This is a simplified version of 911 kit, only to use for fixture removal.

Ref.C
KPSFS3000



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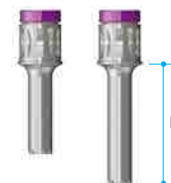


➔ 911 kit Components (Continued)

Fixture Remover

- To remove the fixture. When selecting a Fixture Remover, consider the outer diameter of a Fixture. In case of AnyRidge Fixture that the thread is formed under platform, select a Fixture Remover according to platform size

Applied Fixture Diameter	Length(mm)	Ref.C
Ø3.0~Ø3.6	15	*FSS3035
	20	*FSL3035
Ø3.7~Ø4.6	15	FSS3540
	20	FSL3540
Ø4.7~Ø5.6	15	FSS4555
	20	FSL4555
Ø5.7~Ø7.0	15	*FSS6080
	20	*FSL6080



(*) Separate sales item.

Fixture Remover Screw

- To connect fixture and Fixture Remover.
- Recommended tightening torque
 - FSS14, FSS16 : 40~50 Ncm
 - FSS18, FSS20, FSS25 : 70~80 Ncm.

Applied Fixture Thread	Color	Torque	Ref.C
M1.4 (Mini)	Magenta	40~50 Ncm	*FSS14
M1.6 (EZ Plus, ExFeel Ø3.3, Octa 1)	Blue		FSS16
M1.8 (AnyRidge)	Yellow	70~80 Ncm	FSS18
M2.0 (AnyOne, MegaFix, EZ Plus, ExFeel)	Red		FSS20
M2.5 (Rescue)	Green		*FSS25



(*) Separate sales item.

Torx Driver

- To connect fixture removal screw to a fixture.

Length (mm)	Ref.C
5	TD05
15	TD15
20	*TD20



(*) Separate sales item.

Torque Wrench

- TW500 : To check torque force when removing fixture.
- TW70 : To check torque force when tightening Fixture Remover Screw.

Type	Ref.C
300Ncm	TW500
70Ncm	*TW70

(*) Separate sales item.



➔ 911kit Components

Abutment Remover

- To remove fractured abutment.
- Use screw size M1.8 & M2.0.

Length (mm)	Ref.C
22	ASS
27	ASL

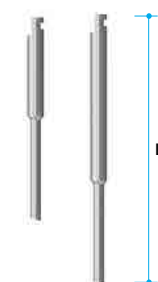


Screw Remover

- To remove fractured screw.
- Screw size of system
M1.4=MiNi
M1.6=EZ Plus, Exfeel Ø3.3
M1.8=AnyRidge
M2.0=AnyOne

Length (mm)	Type	Ref.C
30	M1.4 & M1.6	*SS1416S
45		*SS1416L
30	M1.8 & M2.0	SSS
45		SSL

(*) Separate sales item.



Screw Remover Guide

- To secure the Screw Remover from moving side to side when removing the screw.

Applied Fixture Diameter	Type	Ref.C
Internal	10°(AnyRidge)	SSIG10
	16°(AnyOne OneStage)	SSIG16
	22°(AnyOne Internal / MiNi Internal)	*SSIG22S
	22°(AnyOne Internal / MiNi Internal)	SSIG22
	22°(AnyOne Internal / MiNi Internal)	*SSIG22W
External	HEX 2.4 (AnyOne External Ø3.5)	SSEG24
	Hex 2.7 (AnyOne External)	SSEG27
	Hex 3.3 (Rescue External)	SSEG33

(*) Separate sales item.



Screw Remover Guide Holder

- Tool to support the Screw Remover Guide.

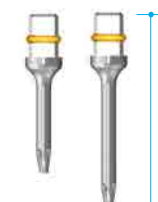
Ref.C
SSGH



Hex Remover

- To remove hex-damaged Abutment Screw, Cover Screw or Healing Abutment.

Length (mm)	Ref.C
22	HSS
27	HSL

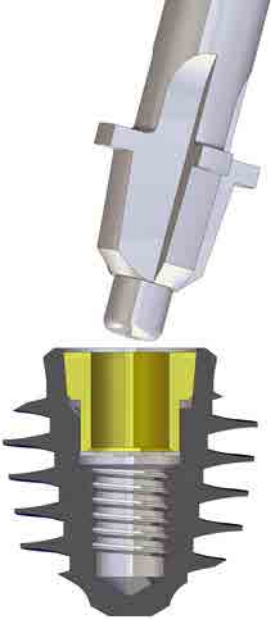


➔ Broken Abutment Remover Set for AnyRidge

: Remover set to remove fractured AnyRidge Abutment

Ref.C

ARARS



▶ Components
High Speed Bur + Abutment Remover Driver + Abutment Remover Housing

▶ How to
grind remaining fractured abutment using a high-speed bur, and remove the residue using a housing-connected driver

▶ Recommendations

1. If an abutment hex is not separated even though the abutment is removed up to the stopper, remove the abutment hex with pincette.
2. Check the blade before usage. It is highly recommended to use a new bur if it is worn out.
3. Wash and sterilize immediately after every usage

⚠ Cautions

1. Perpendicularly insert a high-speed bur into a fixture
2. Do not overload when using a high-speed bur.
Adequate irrigation is highly recommend when using.
3. The given kit case is for storage only. Do not sterilize.
4. Anti-clockwise when in use.

Grinding and Removal
Bur with a Implant motor

Ref.C

ARARHB18



►► How to use 911kit

Fixture Remover

- ☞ Fixture Remover Screw: Single use only
- ☞ Do not use in case of a gap in Fixture Remover



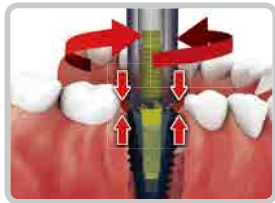
Remove the prosthesis of the fixture to be removed, and the surrounding bone.



Select a Fixture Capture Screw of the same size as the fixture internal screw. Use the Torx Driver to turn the screw clockwise (40Ncm~70Ncm) to place in the fixture. (Use of torque less than 40Ncm for M1.6, and 60Ncm for other products may lead to loosening)



Select a Fixture Remover that fits the fixture diameter. Turn the fixed Fixture Remover Screw counterclockwise until it touches the fixture. (For a torque of greater than 300Ncm, it is recommended to use a Trephine bur)



Fixture and Fixture Remover are tightly connected as rising force and descending force are combined. (Suction is needed; debris may happen on removal of a fixture)



Using Torque Wrench, turn counterclockwise and pull out fixture and Fixture Remover. (No more than maximum torque per fixture)



Removed fixture can be pulled out, turning Fixture Remover and fixture clockwise, holding onto vice plier.

Abutment Remover

- ☞ Can use for abutments that use M1.8 & M2.0 screws.
- ☞ Cannot use for abutment that use M1.6 and M2.5



Insert the Abutment Remover in the fractured abutment hole.



Use the Ratchet Wrench to turn clockwise in order to join the abutment and the Abutment Remover as one body. (Ratchet Wrench is included in surgical kit)



Move the Abutment Remover sideways while pulling up to remove it. (Use of excessive force may traumatize the fixture or the bone)



Secure the separated abutment in a vice or vice pliers. Use the Ratchet Wrench to turn counterclockwise to separate the abutment with the Abutment Remover.

Screw Remover



Remove the broken Abutment Screw and the abutment.



Select the correct Screw Remover Guide that fits the fixture connection to join.



Secure the Screw Remover Guide and insert the Screw Holder in the Screw Remover Guide hole.



Push the Screw Remover downwards while rotating counter clockwise to separate it from the fixture internal screw.
(rpm:30~50, Torque : 30Ncm)



Remove the pieces of broken screw from the fixture internal screw using forceps.



When separating the holder from the guide, push in the direction of the arrow to separate.

Hex Remover



In cases that Abutment Screw, Cover Screw or Healing Abutment's hex is damaged.



Use the Ratchet Wrench to turn counterclockwise to join the abutment with the Abutment Remover as one body. (Use a torque of less than 40Ncm., Ratchet Wrench is included in surgical kit.)



Place the removed abutment in the vice. Use the Ratchet Wrench to turn clockwise to separate the abutment with the Hex Remover.

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