Press-On Cap

Manufacturer:

Smart Denture Conversions, LLC
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Training:

The following descriptions are insufficient to allow immediate use of the Smart Denture Conversions' system. Knowledge of implant-prosthetic treatment and instruction in the handling of the Smart Denture Conversions' system provided by an operator with the relevant experience are necessary. It is strongly recommended that new and experienced users of Smart Denture Conversions' products complete special training before using a new product for the first time. Smart Denture Conversions offers a variety of training options. Please go the www.SmartDentureConversions.com for more information.

Product Description:

Press-On Caps are the preferred method for retrieving the Threaded Post of the Separable Fastener left behind in the multi-unit abutments. The Press-On Cap is put over the multi-unit abutment and snaps onto the Threaded Post, preventing the tissue from collapsing while the prosthesis is being prepared. When the prosthesis is ready, the Press-On Caps are removed with the Threaded Post by unscrewing them as a single unit. These can be unscrewed by hand, with the compatible driver or with an explorer tip, utilizing the two holes to facilitate rotation. An assortment of Press-On Caps is available for use with different prostheses or implant system components, depending on the dental implant platform or connection type. The table below summarizes the items:

Name	Part Number	Compatible Separable Fastener	Driver	Material	# of Uses
Press-On Cap, T5	SF-007	All	SDC Driver	Copolymer Acetal	Single
Press-On Cap, TiLobe	KS-700		Tilobe (Quad)		
Press on Cap, 0.05'' Hex	PT-006		0.05" Hex		

Indications for Use:

The supplied Press-On Caps are indicated for use with Smart Denture Conversions' Threaded Posts (threaded portion of Separable Fastener) and screw-retained multi-unit abutments in the maxilla and mandible. The Press-On Caps should fully engage the Threaded Post that is left in the MUA after the pickup and should sit flat on the MUA. Once fully pressed on, rotate slightly in the clockwise direction to ensure it is snug, applying no more than 0.7oz-in of force (can be done with torque driver). When properly installed, the caps should not rock and should sit snuggly on the MUA prosthetic surface. If the Press-On Cap continues to spin, it has not properly engaged the Thread Post. This is typically due to the threaded post being driven too far into the MUA and can be corrected with one of the following two processes.

Partially engaging the Threaded Post

1. Unscrew the Press-On Cap a half of turn.
2. Press it until it sits on the MUA.
3. Repeat steps 1-2 until you are no longer able to seat it onto the MUA.
4. Retighten the Press-On Cap by rotating clockwise until it sits snugly on the MUA, ensuring not to apply more than 0.7oz-in of force, which could potentially overdrive the Threaded Post.

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Not Engaging Threaded Post

1. Unscrew the Threaded Post until the top of the threaded section is slightly above the top of the MUA. This can be done either by hand or by using the Retrieval Tool in a contra angle or a latch lock slow speed, running in reverse.
2. Install the Press-On Cap by pressing it firmly onto the exposed end of the Threaded Post.
3. Unscrew the Press-On Cap a half of turn.
4. Press it until it sits on the MUA.
5. Repeat steps 1-2 until you are no longer able to seat it onto the MUA.
6. Retighten the Press-On Cap by rotating clockwise until it sits snugly on the MUA, ensuring not to apply more than 0.7oz-in of force, which could potentially overdrive the Threaded Post.

The supplied Press-On Caps are intended for single use and a single patient. Re-use of single use devices creates a potential risk of patient or user infection and misfitting components. For more specific information on process steps, please refer to the Technique manual located on the website www.SmartDentureConversions.com.

Contraindications:

It is contraindicated to using Smart Denture Conversions' Press-On Caps in:

- Patients who are medically unfit for an oral surgical procedure.
- Patients in whom adequate sizes, numbers or desirable positions of implants are not reachable to achieve safe support of functional or eventually parafunctional loads.
- Patients who show signs of allergy or hypersensitivity to the chemical components of the materials listed in the chart above.

Warning:

- Press-On Caps are held in place through a pressure fit to the Threaded post. Ensure each Press-On Cap is secured to the Threaded Post prior to moving on to help reduce the chance of them becoming dislodged.
- Sit patient upright while Press-On Caps are being used to help reduce the chance of Aspiration or swallowing of a component.
- The Press-On Caps are not intended to be used during eating or drinking.
- Press-On Caps are intended for use under the supervision of a dental expert and should not be used after patient discharge.
- Make sure the correct model of Press-On Cap is used for each case.
- Components are to be used by dental health care professionals and are to be used in patients subject to dental implant treatment.
- If the indication or the nature of use is not clear, do not use until all points have been clarified.
- Do not use if package is damaged.
- Always inspect components before use. Do not use damaged, deformed, corroded, or discolored components.
- Ensure products are secured against aspiration when handled intraorally. Aspiration of products may lead to infection or unplanned physical injury.
- Failure to follow the procedures outlined in these instructions may lead to any or all of the following complications: Aspiration or swallowing of a component, follow-up treatment, incorrect impression resulting in incompatible restorations.
- As the clinical outcome of dental treatment is influenced by multiple variables, even if the product is used according to the instructions for use the residual risks described below can. anaphylaxis (severe allergic reaction); aspiration or swallowing of components; pain; local infection; inflammation; local irritation; loss of product function; follow-up treatment.
- Smart Denture Conversions is not liable for damage resulting from use outside the intended use of the product.

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Cautions/Precautions:

The following precautions are required before or during treatment:

- Do not use Smart Denture Conversion components after the expiration date on packaging (if applicable).
- All products intended for single use must not be reused. Re-use of single use devices creates a potential risk of patient or user infection and misfitting components.
- Before every procedure make sure that all required components, instruments, and auxiliary equipment are complete, in operating order and available in the required quantity.
- If, due to unfavorable anatomical conditions, instruments do not fit or cannot be used for other reasons, the course of treatment planned with them must not be continued and alternatives must be sought.
- Always wear suitable personal protective equipment for your own safety.
- Position the patient such that the danger of aspiration of components is minimized.
- All components used in the patient's mouth must be secured to prevent aspiration and swallowing.

Magnetic Resonance Imaging (MRI) Safety Information:

All Smart Denture Conversion LLC products which remain in the patient's body have not been evaluated for safety and compatibility in the MR environment. They have not been tested for heating, migration, or image artifact in the MR environment. The safety of the Smart Denture Conversion LLC products in the MR environment is unknown. Scanning a patient who has such a product may result in patient injury.

Cleaning and Sterilization Instructions:

Components are delivered non-sterile by Smart Denture Conversions and are intended for single use. Prior to use, the devices must be cleaned and sterilized by the user.

Sterilization is to be performed corresponding to the following scheme:

1. **Preparation for sterilization:** Place components in a sterilization pouch which is legally marketed (for the US market: FDA-cleared) for use with the recommended sterilization parameters. Every sterilization package must have a sterilization indicator and sterilization date.
2. **Sterilization:**

Method	Cycle	Temperature	Exposure Time*	Dry Time	Cooling Time	Reference
Steam	Dynamic Air Removal (Prevacuum)	132°C (270°F)	4min	20min	30min	ANSI/AAMI TIR12:2010
Steam	Gravity Displacement	121°C (250°F)	30min	30min	30min	
Steam	Gravity Displacement	132°C (270°F)	15min	30min	30min	

*Minimum exposure times, the operating times are longer and may vary depending on the device.

Storage, Handling and Transportation:

The devices must be stored in a dry place in their original packaging at room temperature and protected from direct sunlight. Improper storage may compromise essential material and design characteristics, leading to device failure.

Disposal:

Safely discard potentially contaminated or no longer usable medical devices as healthcare (clinical) waste in accordance with local healthcare guidelines, country and government legislation or policy. Separation, recycling or disposal of packaging material shall follow local country and government legislation on packaging and packaging waste, where applicable. If there is no current legislation, pack them in a perforating waste/sharps disposal container and dispose of them in hospital waste.

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Basic UDI-DI Information:

The following table lists the Basic UDI-DI information for the devices described in this IFU.

Product	Catalog Number	Included Parts	Basic UDI-DI Number
Press on Cap 6PK	POC6PK	SF-007	+D990POC6PK0
Press on Cap 10PK	POC10PK	SF-007	+D990POC10PK0
Press on Cap 6PK, TiLobe (Quad Drive)	KDTL-POC6PK	KS-700	+D990KDTL-POC6PK0
Press on Cap 10PK, TiLobe (Quad Drive)	KDTL-POC10PK	KS-700	+D990KDTL-POC10PK0
Press on Cap 6PK, Paltop (IHex)	KDIH-POC6PK	PT-006	+D990KDIH-POC6PK0
Press on Cap 10PK, Paltop (IHex)	KDIH-POC10PK	PT-006	+D990KDIH-POC10PK0
Press-On Cap 6PK, 0.05" Hex	FZHD-POC6PK	PT-006	+D990FZHD-POC6PK0
Press-On Cap 10PK, 0.05" Hex	FZHD-POC10PK	PT-006	+D990FZHD-POC10PK0
Recharge Kit w/ POC, SDC	RKPOC	SF-007	+D990RKPOC0
Recharge Kit w/ POC, Straumann	RKPOC-ST	SF-007	+D990RKPOC-ST0
Recharge Kit w/ POC, TiLobe	KDTL-RKPOC	KS-700	+D990KDTL-RKPOC0
Recharge Kit w/ POC, Paltop	KDIH-RKPOC	PT-006	+D990KDIH-RKPOC0
Recharge Kit w/ POC, BioHorizons	BHHD-RKPOC	PT-006	+D990BHHD-RKPOC0
Premium Starter Kit, SDC	PSK	SF-007	+D990PSK0
Premium Starter Kit, Straumann	PSK-ST	SF-007	+D990PSK-ST0
Premium Starter Kit, Tilobe	KDTL-PSK	KS-700	+D990KDTL-PSK0
Premium Starter Kit, Paltop	KDIH-PSK	PT-006	+D990KDIH-PSK0
Premium Starter Kit, Biohorizons	BHHD-PSK	PT-006	+D990BHHD-PSK0
Premium Starter Kit, TSV	ZVTS-PSK	SF-007	+D990ZVTS-PSK0
Premium Starter Kit, Low Profile	ZVLP-PSK	SF-007	+D990ZVLP-PSK0
Recharge Kit w/ Tall Spare Parts, TSV	ZVTS-RK	SF-007	+D990ZVTS-RK0
Recharge Kit w/ Tall Spare Parts, Low Profile	ZVLP-RK	SF-007	+D990ZVLP-RK0
Recharge Kit w/ POC, TSV	ZVTS-RKPOC	SF-007	+D990ZVTS-RKPOC0
Recharge Kit w/ POC, Low Profile	ZVLP-RKPOC	SF-007	+D990ZVLP-RKPOC0
Press-On Cap 10PK, ZimVie	ZV-POC10PK	SF-007	+D990ZV-POC10PK0
Press-On Cap 6PK, ZimVie	ZV-POC6PK	SF-007	+D990ZV-POC6PK0

Validity:

Upon publication of these instructions for use, all previous versions are superseded.

Availability:

Some items of Smart Denture Conversions are not available in all countries.

Warranty:

Please visit www.SmartDentureConversions.com for the most up to date warranty information.

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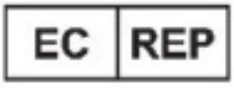
Symbols Glossary:

The following Symbols may be present on the device labeling or in information accompanying the device. Refer to the device labeling or accompanying information for the applicable symbols.

	Manufacturer		Date of Manufacture
	Use By Date		Serial Number
	Batch Code		Catalog Number
	Unique Device Identifier		Medical Device
	CE Mark		UK Representative
	United Kingdom Conformity Assessment Mark		United Kingdom Conformity Assessment Mark with Approved Body Number
	European Representative		Non-Sterile
	Comes Sterilized		Comes Sterilized using Aseptic Processing
	Comes Sterilized using Ethylene Oxide Processing		Comes Sterilized using Irradiation Processing
	Comes Sterilized using Dry Heat Processing		Do Not Resterilize
	Do Not Reuse		Consult Instructions for Use
	Keep Dry		Keep Away from Sunlight
RX Only	For Prescription Use Only		Caution, Consult Accompanying Documents