



Step up with pep



What is pep?

It's that energetic feeling you get when life is great and you are ready to take on the world. And it's the feeling your patients get when taking the first step to better hearing with Pep from Sonic.

Pep is for patients who are looking for the latest technology at an affordable price. Pep is modern and stylish, yet discreet, easy to operate, and easy to fit. Benefits include improved speech clarity and listening comfort for the sounds of everyday life.



Pep is ideal for the first-time user and for patients with basic hearing needs. All the essential features designed to improve listening comfort and to improve overall hearing ability are included, along with standard features for patient convenience.

Speech Variable Processing preserves the nuances of speech – the soft and the loud sounds that occur in every word. Pep acts like a supercomputer to process all the sounds, not just the loudest ones.

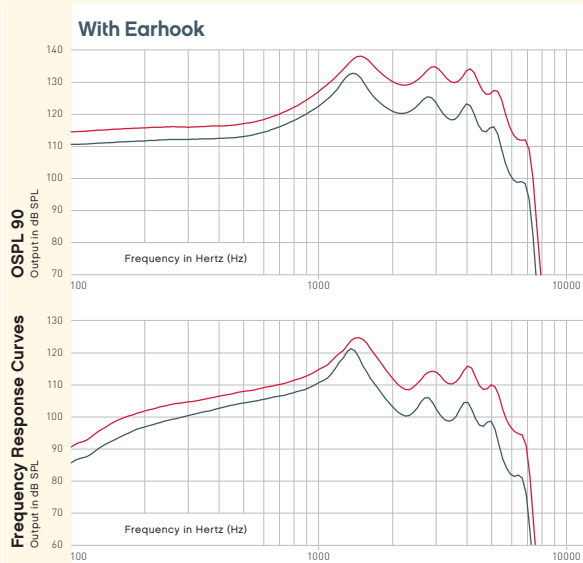
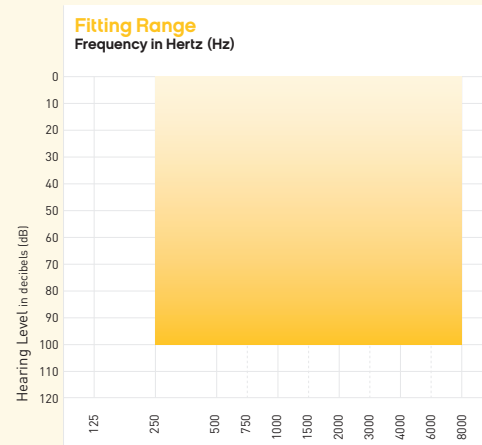
Pep integrates several **Noise Management Systems**:

- **Adaptive Noise Reduction** removes unwanted noise when speech is not present, providing instant relief.
- **Soft Noise Reduction** reduces low-level sounds like the whirl of a fan or hum of a refrigerator.

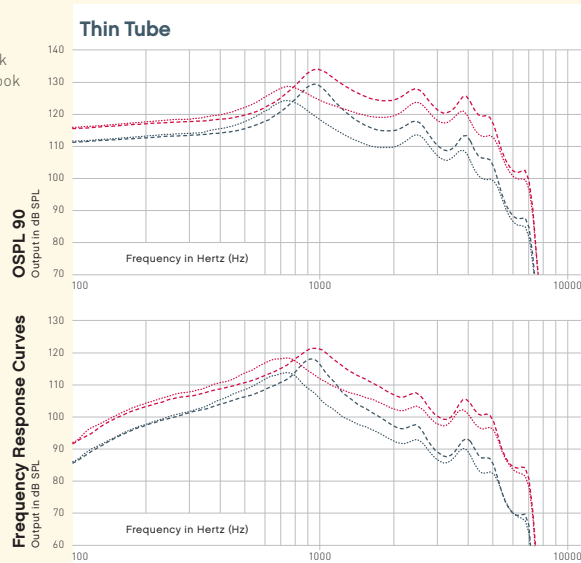
With the **Adaptive Feedback Cancellor**, feedback is stopped before it becomes a problem.

Fixed Directionality assists the client in a static environment – like a conversation at a restaurant table.

Pep²⁰ Power BTE



— 2cc Coupler Earhook
— Ear simulator Earhook
— 2cc Coupler Thin Tube 1.3
— Ear simulator Thin Tube 1.3
... 2cc Coupler Thin Tube 0.9
... Ear simulator Thin Tube 0.9



— 2cc Coupler FOG Earhook
— Ear simulator FOG Earhook
— 2cc Coupler FOG Thin Tube 1.3
— Ear simulator FOG Thin Tube 1.3
... 2cc Coupler FOG Thin Tube 0.9
... Ear simulator FOG Thin Tube 0.9

		BTEP with Earhook		BTEP with Thin Tube 1.3		BTEP with Thin Tube 0.9	
		2cc Coupler	Ear simulator	2cc Coupler	Ear simulator	2cc Coupler	Ear simulator
OSPL 90, peak	dB SPL	133*	138*	129	134*	124	128
OSPL 90, 1600 Hz	dB SPL	127	136	116	125	110	119
HFA OSPL 90	dB SPL	124	-	120	-	114	-
Full-on gain, peak	dB	71	75	68	71	64	68
Full-on gain, 1600 Hz	dB	63	72	52	61	46	56
HFA full-on gain	dB	59	-	55	-	48	-
Reference test gain	dB	47	60	43	49	36	44
Quiescent current	mA	1.0	1.0	1.0	1.0	1.0	1.0
Operating current	mA	1.3	1.1	1.3	1.1	1.3	1.1
Battery size		13	13	13	13	13	13
Distortion 500/800/1600 Hz	%	<2/<2/<1	<3/<2/<1	<1/<1/<1	<1/<1/<1	<1/<1/<1	<1/<1/<1
Frequency range	Hz	100-5500	-	100-5100	-	100-5300	-
Equivalent input noise ¹⁾	dB SPL	16	10	17	18	23	21
Telecoil 1 mA/m 1600 Hz, IEC	dB SPL	93	102	81	90	76	85
Telecoil HFA SPLITS, ANSI	dB SPL	100	-	101	-	94	-

¹⁾ Technical data measured with expansion, corresponding to the test box measurement settings.

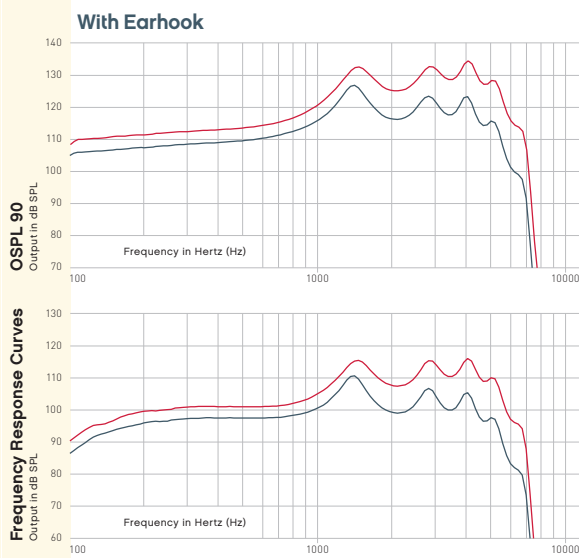
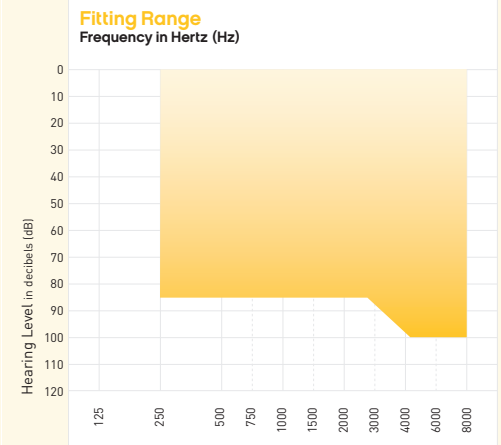
«ANSI» refers to the standard ANSI S3.22. «2cc» refers to a coupler according to IEC 60318-5.

«Ear simulator» refers to a coupler according to IEC 60318-4. Applied versions: IEC 60118-7:2005, IEC 60118-0:1994 and ANSI S3.22:2003.

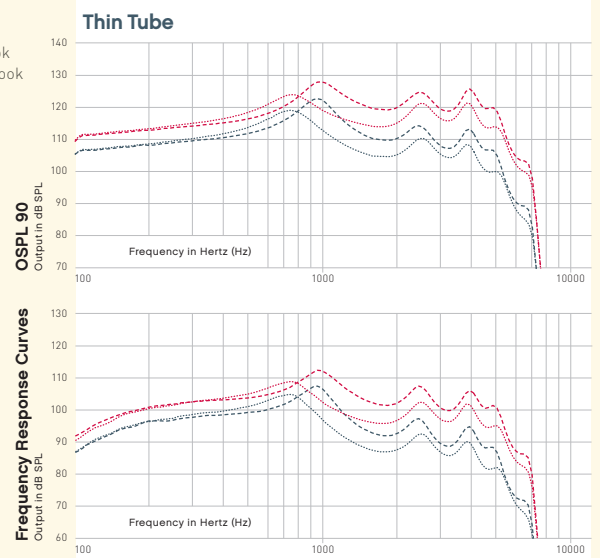
* Special care should be taken when fitting and using a hearing instrument with maximum sound pressure capability in excess of 132 dB SPL since there may be a risk of impairing the remaining hearing of the hearing instrument user.



Pep²⁰ BTE



— 2cc Coupler Earhook
— Ear simulator Earhook
— 2cc Coupler Thin Tube 1.3
— Ear simulator Thin Tube 1.3
— 2cc Coupler Thin Tube 0.9
— Ear simulator Thin Tube 0.9



— 2cc Coupler FOG Earhook
— Ear simulator FOG Earhook
— 2cc Coupler FOG Thin Tube 1.3
— Ear simulator FOG Thin Tube 1.3
— 2cc Coupler FOG Thin Tube 0.9
— Ear simulator FOG Thin Tube 0.9

BTE with Earhook

BTE with Thin Tube 1.3

BTE with Thin Tube 0.9

		2cc Coupler	Ear simulator	2cc Coupler	Ear simulator	2cc Coupler	Ear simulator
OSPL 90, peak	dB SPL	127	134*	123	128	119	124
OSPL 90, 1600 Hz	dB SPL	122	130	110	120	105	114
HFA OSPL 90	dB SPL	119	-	115	-	109	-
Full-on gain, peak	dB	61	66	57	62	55	59
Full-on gain, 1600 Hz	dB	55	63	43	52	37	46
HFA full-on gain	dB	53	-	48	-	42	-
Reference test gain	dB	41	55	37	44	31	38
Quiescent current	mA	1.2	1.2	1.2	1.2	1.2	1.2
Operating current	mA	1.3	1.2	1.3	1.2	1.3	1.2
Battery size		13	13	13	13	13	13
Distortion 500/800/1600 Hz	%	<1/<1/<1	<2/<1/<1	<1/<1/<1	<1/<1/<1	<1/<1/<1	<1/<1/<1
Frequency range	Hz	100-6100	-	100-5400	-	100-5800	-
Equivalent input noise ¹¹	dB SPL	19	18	17	22	22	25
Telecoil 1 mA/m 1600 Hz, IEC	dB SPL	81	90	70	79	65	74
Telecoil HFA SPLITS, ANSI	dB SPL	95	-	92	-	87	-

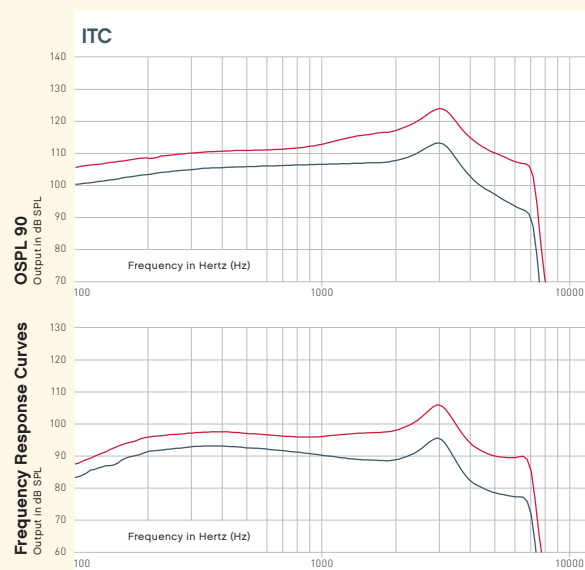
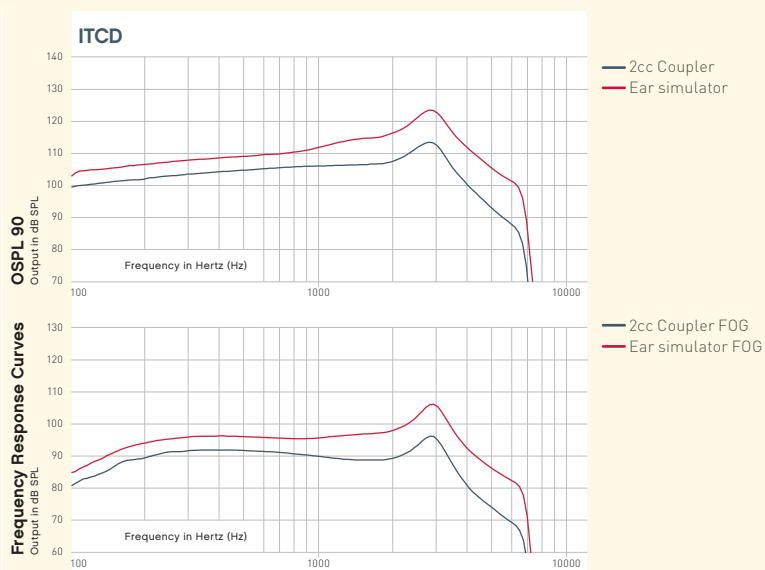
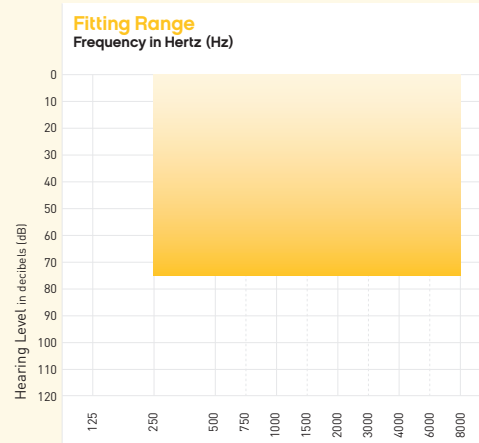
¹¹ Technical data measured with expansion, corresponding to the test box measurement settings.

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«Ear simulator» refers to a coupler according to IEC 60318-4. Applied versions: IEC 60118-7:2005, IEC 60118-0:1994 and ANSI S3.22:2003.

* Special care should be taken when fitting and using a hearing instrument with maximum sound pressure capability in excess of 132 dB SPL since there may be a risk of impairing the remaining hearing of the hearing instrument user.

Pep²⁰ ITCD | ITC



		ITCD		ITC	
		2cc Coupler	Ear simulator	2cc Coupler	Ear simulator
OSPL 90, peak	dB SPL	113	123	113	124
OSPL 90, 1600 Hz	dB SPL	107	115	107	116
HFA OSPL 90	dB SPL	108	-	108	-
Full-on gain, peak	dB	46	56	46	56
Full-on gain, 1600 Hz	dB	39	47	39	47
HFA full-on gain	dB	41	-	40	-
Reference test gain	dB	31	39	32	39
Quiescent current	mA	1.2	1.2	0.8	0.8
Operating current	mA	1.3	1.2	0.9	0.8
Battery size		312	312	312	312
Distortion 500/800/1600 Hz	%	<1/<1/<1	<1/<1/<1	<1/<1/<1	<1/<1/<1
Frequency range	Hz	100-5600	-	100-7300	-
Equivalent input noise ¹⁾	dB SPL	18	20	20	22
Telecoil 1 mA/m 1600 Hz, IEC	dB SPL	68	76	66	74
Telecoil HFA SPLITS, ANSI	dB SPL	85	-	84	-

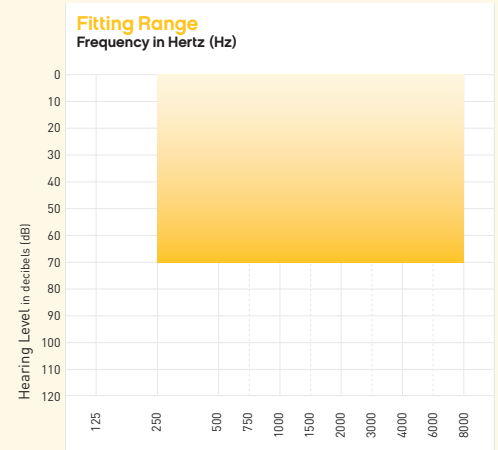
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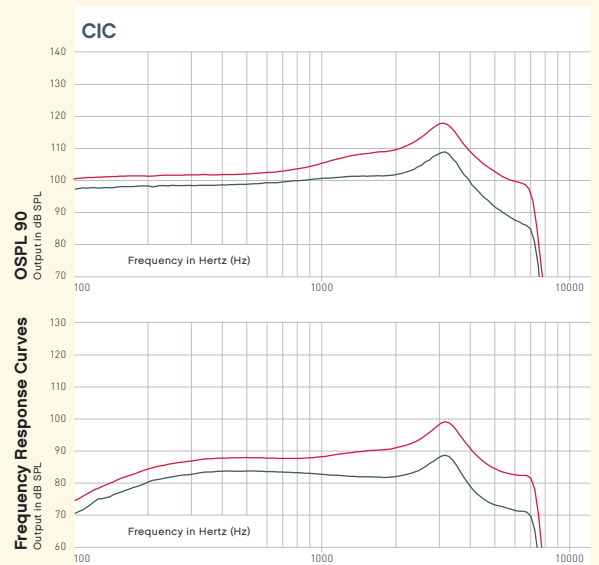
«Ear simulator» refers to a coupler according to IEC 60318-4. Applied versions: IEC 60118-0:1994 and ANSI S3.22:2003.



Pep²⁰
CIC



— 2cc Coupler
— Ear simulator



— 2cc Coupler FOG
— Ear simulator FOG

CIC

		2cc Coupler	Ear simulator
OSPL 90, peak	dB SPL	109	118
OSPL 90, 1600 Hz	dB SPL	101	109
HFA OSPL 90	dB SPL	102	-
Full-on gain, peak	dB	39	49
Full-on gain, 1600 Hz	dB	32	40
HFA full-on gain	dB	33	-
Reference test gain	dB	26	33
Quiescent current	mA	0.8	0.8
Operating current	mA	0.9	0.8
Battery size		10	10
Distortion 500/800/1600 Hz	%	<1/<1/<1	<1/<1/<1
Frequency range	Hz	100-7300	-
Equivalent input noise ¹⁾	dB SPL	22	23
Telecoil 1 mA/m 1600 Hz, IEC	dB SPL	-	-
Telecoil HFA SPLITS, ANSI	dB SPL	-	-

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Feature Overview

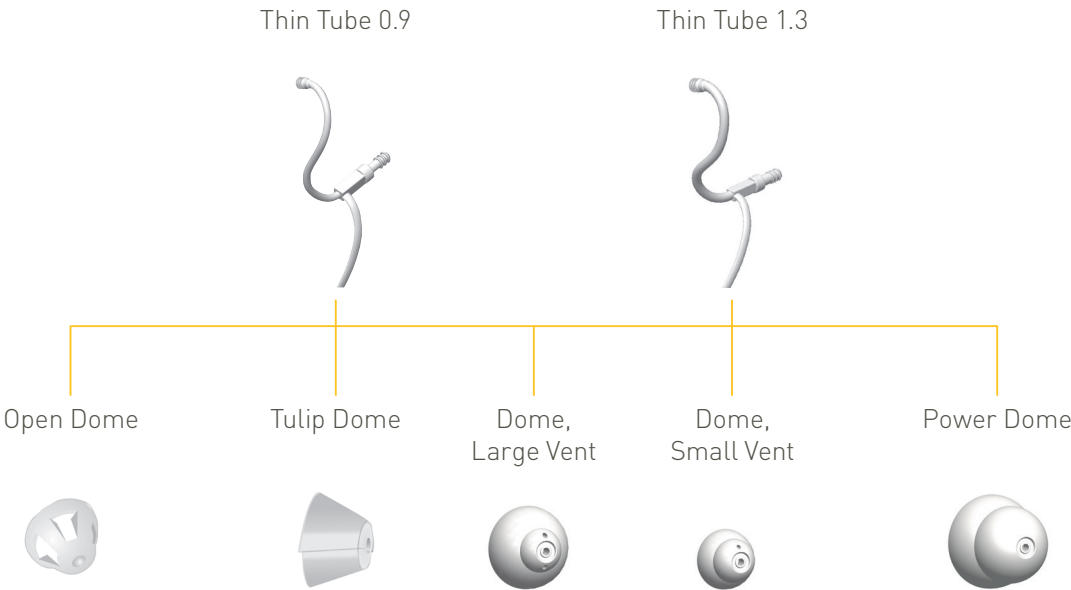
pep ²⁰	Power BTE	BTE	ITCD	ITC	CIC
Sound Quality					
Signal Processing	◀..... Speech Variable Processing▶				
Frequency Bandwidth	◀..... 8 kHz▶				
Noise Management					
Adaptive Noise Reduction	■	■	■	■	■
Soft Noise Reduction	■	■	■	■	■
Adaptive Feedback Canceller	■	■	■	■	■
Directionality					
Dual Omni	■				
Fixed Omni		■	■	■	■
Fixed Directional		■	■		
Programming Options					
Universal Program	■	■	■	■	■
Program Memories	3	3	3	3	1
Program Options	3+1*	3+1*	3	3	3
Hardware					
Program Button	■	■	●	●	
Volume Control	■	■	●	●	
DAI/FM	●	●			
Telecoil	■	■	●	●	
Battery Size	13	13	312	312	10
Earhook	■	■			
Thin Tube	●	●			

■ STANDARD

● OPTIONAL

*compatible with DAI/FM adapter

Acoustic Options





Ordering Information

Product	Quantity	Part Number
Earhook		
Earhook, damped	10	571-01-130-00
Thin Tubes Adapter		
Thin Tube Adapter, Spira Flex #3	10	589-25-160-00
Thin Tubes 0.9 mm		
Thin Tube, 0.9 mm, OR, Spira Flex	5	589-25-060-00
Thin Tube, 0.9 mm, 1R, Spira Flex	5	589-25-061-00
Thin Tube, 0.9 mm, 2R, Spira Flex	5	589-25-062-00
Thin Tube, 0.9 mm, 3R, Spira Flex	5	589-25-063-00
Thin Tube, 0.9 mm, OL, Spira Flex	5	589-25-070-00
Thin Tube, 0.9 mm, 1L, Spira Flex	5	589-25-071-00
Thin Tube, 0.9 mm, 2L, Spira Flex	5	589-25-072-00
Thin Tube, 0.9 mm, 3L, Spira Flex	5	589-25-073-00
Thin Tubes 1.3 mm		
Thin Tube, 1.3 mm, OR, Spira Flex	5	589-25-080-00
Thin Tube, 1.3 mm, 1R, Spira Flex	5	589-25-081-00
Thin Tube, 1.3 mm, 2R, Spira Flex	5	589-25-082-00
Thin Tube, 1.3 mm, 3R, Spira Flex	5	589-25-083-00
Thin Tube, 1.3 mm, OL, Spira Flex	5	589-25-090-00
Thin Tube, 1.3 mm, 1L, Spira Flex	5	589-25-091-00
Thin Tube, 1.3 mm, 2L, Spira Flex	5	589-25-092-00
Thin Tube, 1.3 mm, 3L, Spira Flex	5	589-25-093-00

Product	Quantity	Part Number
Domes		
Dome, Open 6 mm	10	570-07-410-00
Dome, Open 8 mm	10	570-07-411-00
Dome, Open 10 mm	10	570-07-412-00
Dome, Tulip	10	589-25-100-00
Dome, Large Vent 8 mm	10	123310
Dome, Large Vent 12 mm	10	123312
Dome, Small Vent 8 mm	10	123307
Dome, Small Vent 10 mm	10	123308
Dome, Small Vent 12 mm	10	123309
Dome, Power, 6 mm	10	123293
Dome, Power, 8 mm	10	123305
Dome, Power, 10 mm	10	123306
Programming Adapter		
Module, Programming White	1	399-50-640-00
Programming adapter	1	390-01-040-00
Programming cable Flex Strip/Flex Connect	1	390-01-180-05
Tool		
Removal tool for lock pin	1	890-22-270-00