



South Fork Solutions High Frequency EID Tag

General Description

The Gen 3 Tamperproof EID Tag has been designed to provide the ultimate in usability, security and retention. The single use tag features a hard plastic Tamperproof cap. Transponder numbers are laser marked in a linear format on the top of the tag.

The High frequency design principle is to remain in a sleep mode whereby the wake-up signal initiates the transponder to transmit stored information as soon as signal is received. The return signal is received. The transponder then returns to the sleep mode until another wake-up signal is received.

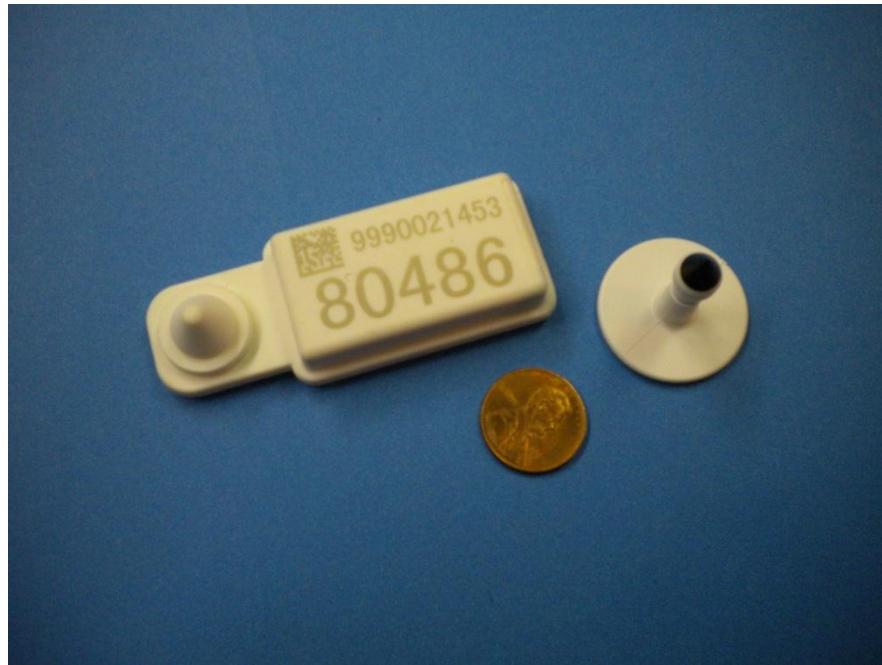
This EID Tag works in conjunction with South Fork readers to communicate in both transmit and receive modes. The readers may be configured in many different formats for various applications.

Construction

The tag body is injection molded Polyurethane female with a tamper evident cap over the stud to insure one time use. The cap of the Tag provides the highest degree of security available, as any attempt to remove the male tag from the female would cause the tag components to break, rendering them unusable.

Application

The South Fork tags are applied with the Red Universal Total Tagger Applicator. To apply tags, the Red Blunt Applicator pin must be installed and the Black or White insert must be removed. The New Ultra Retract-O-Matic may also be used to install this tag.

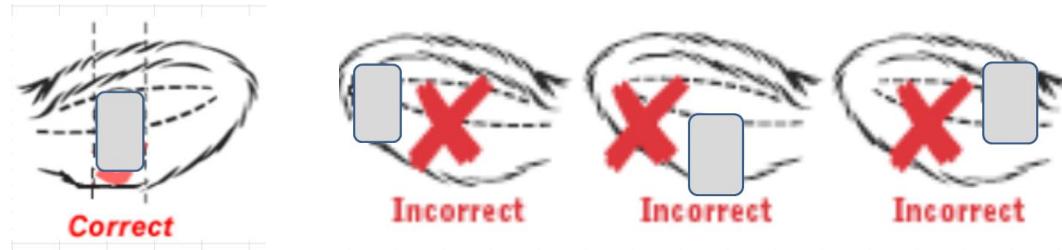


SPECIFICATIONS GENERAL	
High Frequency Mode	902.5 mHz
Marking	15 Digit Laser Marked Number
Security	Tamper Proof Design
Application Options:	Universal Total Tagger/Ultra Retract-O-Matic
Manufacturers Id Code	999 open Manufacturers code
Power:	Active battery
PHYSICAL/ENVIRONMENTAL	
Dimensions:	2.75" X 1.1"
Weight:	13.5 Grams
Material:	Polyurethane
Color:	various
Operating Temperature	-20°C-+50°C
RELIABILITY	
Expected Life:	10 years
PERFORMANCE	
Read Distance:	Up to 2 miles (Antenna and reading system dependant)

Suggested application procedure:

Apply the EID tag in the left ear and if using a visual tag place it in the right ear.

1. The EID tag has a tamper evident cap on its top surface. To load, depress spring clip and insert female tag, holding the cap between thumb and forefinger. Position the tag so the lump faces out of the open end of the applicator. Failure to do so may result in damage to the electronic device.
2. Slip the male part (stud) of the tag onto application pin.
3. Place the EID tag in the left ear of the steer. The NCBA recommends placing the tag in the left ear. With the correct position in the steer's ear located, apply the tag firmly, always with the male part of the tag entering from the back (outside) of the ear. The female part of the tag, the numbered part, should always be inside of the ear. See illustration below showing the "correct" application.



Note: Sufficient pressure should be applied on the handles of the applicator during the process to insure proper application. Following application of the tag, be sure that the pin, male part of the tag, has been fully inserted into the female part of the tag. Use thumbs and place on the female part. A "click" should be heard and/or felt when the insertion is complete.

FCC Requirements

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Note: Any changes / modifications not approved by the responsible party could void the user's authority to operate the equipment.