

TEAC TZ-10

Maintenance Set

TEAC designed this TZ-10 Maintenance Set for people who are accustomed to doing their own tape editing and minor tape deck maintenance. This set contains almost all of the tools and materials to simplify tape editing and tape deck maintenance and is assembled in a convenient, sturdy carrying case.

Usage of the tools and materials

- ① **TZ-255**
A – Motor Oil
B – Spindle Oil (for Pinch Roller Bearing, etc.)
- ② **TZ-261**
A – Head Cleaner Liquid for cleaning the heads, capstan and other metal parts of your tape deck.
B – Rubber Cleaner for cleaning the Pinch Roller and other rubber parts of your deck.
- ③ **Cleaning Gauze**
For cleaning the Pinch Roller and other parts in the tape path.
- ④ **Penlight**
Useful for inspecting the heads or other parts in darkened areas. OFF/ON switch is located on the bottom of the penlight. Insert the batteries by removing the lamp assembly. Insert batteries with the + (top) terminals of both batteries facing the lamp assembly.
- ⑤ **Two "AA" size batteries are included with the kit**
- ⑥ **Cotton Cleaning Sticks**
30 Cotton Cleaning Sticks are provided for cleaning the heads and tape path.
- ⑦ **Silicone Cloth**
Use for cleaning the stainless panel and outer surfaces of your deck.
- ⑧ **E-3 Head Demagnetizer (Eraser)**
For de-magnetizing the Heads and tape path. See instructions on reverse side of this sheet.
- ⑨ **Tape Splicer**
For cutting and splicing your tape. See instructions on the reverse side of this sheet.
- ⑩ **Splicing Tape**

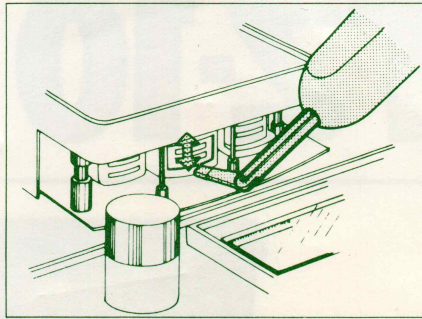


- ⑪ **Special tape for rejoining ends of the magnetic tape for editing or repairs.** See reverse side of this sheet for instructions.
- ⑫ **Leader Tape (red and blue)**
Two rolls of leader tape, one with red markers and one with blue markers. Markers are spaced 7-1/2" (19 cm) apart to give you timer reference marks.
- ⑬ **Tape Measure**
Use to assist you in calculating the exact amount of tape you want to edit out or for a multitude of other measuring purposes.
- ⑭ **Inspection Mirror**
Use in conjunction with the included penlight for inspecting hard to see areas of your deck.
- ⑮ **Screwdrivers (⊕ and ⊖)**
Two screwdrivers, one crosspoint and one common, are included.
- ⑯ **Oiling Syringe**
Two handy plastic oiling syringes are included to facilitate oiling of the motors, Pinch Roller bearing or capstan bearing.
- ⑰ **Tweezers**
Sturdy, stainless Tweezers for handling small parts and for gaining access to parts in confined spaces.
- ⑱ **Editing Pencil ("Dermatograph")**
Use for marking tape for splicing or making splicing or editing notes on the tape.
- ⑲ **Scissors (anti-magnetic)**
Anti-magnetic Scissors are an essential tool for making noise-free professional type splices or repairs to your tape.

E-3 Head Demagnetizer

During long periods of use, the heads on your deck may become slightly magnetized. As a result, high frequency response may decrease, noise will develop, or in extreme cases, the high frequencies will drop out or noise will be introduced into your tapes. To keep your deck operating with its original fidelity the heads should be degaussed at least once for each 50 hours of use. The TEAC E-3 Demagnetizer included with the TZ-10 will do an excellent job. Places specified for degaussing include each head, capstan shaft and guide post.

1. Turn OFF AC power to your deck.
2. Plug the E-3 cord into an AC outlet.



3. a. Slide the E-3 power switch ON.
b. Bring the tip very close to the head.
c. Gently move it up and down across the head or post for a few seconds.
4. Slowly draw the demagnetizer away

from the head; proceed to the next head or part slowly and evenly.

5. Upon completing these procedures, slowly draw away from the deck at least 12 inches (30 cm) before turning OFF the E-3 power switch to avoid magnetizing the areas again.

CAUTION: Keep the E-3 Demagnetizer well away from the VU Meters and also away from any recorded tapes.

Specifications

AC Power Requirements 117, 220/240 VAC
50/60Hz 2.5 W

Production design improvements may result in appearance or specification changes without notice.

Tape Splicing

Splicing is one method of modifying your tapes to retain material you want and to cut out material or rearrange material on a tape. After editing, material can then be copied onto another tape.

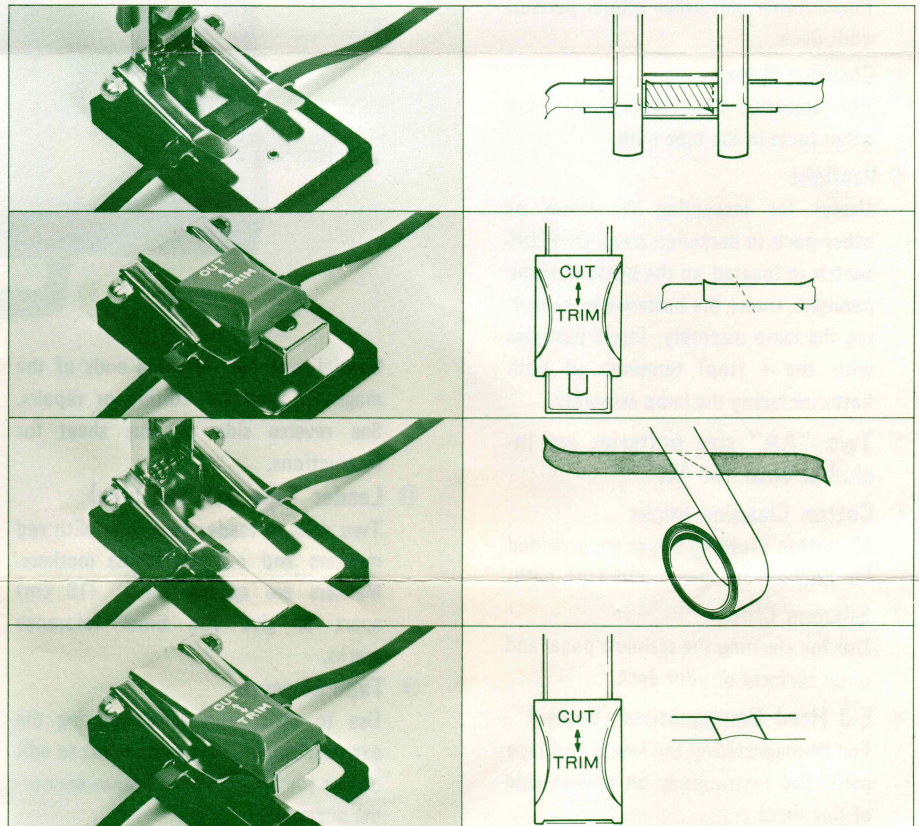
When attaching "leader tape" onto your tapes, follow the same procedure given here for splicing.

1. Overlap the two ends of tape with the base side (side that does not contact the head) facing up and lay both ends in guides across the center of the Tape Splicer. Close retainer arms to hold tape straight.
2. Move CUT/TRIM Head toward the rear to CUT position and close cutting head firmly to cut the tape. Raise the cutting head.
3. Remove the excess tape from the cutting guides (use tweezers included in TZ-10). Tape across the ends of the tape with the included splicing tape. Make sure tape ends are properly matched before taping. Use fingernail or other flat object to smooth splicing tape over cut.
4. Move CUT/TRIM Head to TRIM position. Press head down firmly to trim excess splicing tape from magnetic tape. Raise cutting head and retainer arms and remove spliced tape.

- Make sure splicing tape is applied to base side of tape. If splicing tape is applied to oxide side of tape re-recording or reproducing of spliced area cannot be done.
- Do not touch tape with finger prior to applying splicing tape as oil from fingers

will cause splicing tape to stick improperly.

- When black cutting platform in cutting guides becomes scarred, turn over platform or replace with included spare platform.



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