

TP171748 AND TP199997 TORSION SPRINGS

APPARATUS AFFECTED: 1A and 2A Tape Senders and 1A and 2A Tape Readers — DATASPEED.

OBJECT: To revise the design of the TP171748 tape lid torsion spring, to apply a new part number to the present TP171748 tape lid torsion spring and to clarify usage of both springs with their associated tape lids.

CHANGE: The TP171748 tape lid torsion spring has been replaced by the TP199997 tape lid torsion spring for use with the TP193664 tape lid on tape readers having 2-piece top plates. The new spring is identical to the present TP171748 spring and the change to the new part number is only for identification purposes. Old style springs can be stocked as a TP199997 spring.

The design of the TP171748 tape lid torsion spring has been changed and is to be used only with TP171734 tape lids on early model tape reader units having 3-piece top plates. This spring will be furnished only for maintenance orders.

The specific dimensions identifying the types of tape lid torsion springs are shown in Fig. 1.

Refer to Teletype Bulletin 1176B, issue January 1963, pages 1-5 and 1-7.

IDENTIFICATION: See "CHANGE".

INTERCHANGEABILITY: Old style TP171748 springs and new style TP199997 springs are interchangeable. New style TP171748 springs and old style TP171748 springs are not interchangeable.

CLASSIFICATION FOR APPARATUS FURNISHED BY TELETYPE: This change is now in effect.

W.E.CO. STOCK OF OLD STYLE PARTS: Old style TP171748 springs may be stocked and furnished as the TP199997 spring. New style TP171748 springs shall be furnished only for use on early model tape readers having 3-piece top plates.

APPLICATION TO APPARATUS IN THE FIELD: Old style parts giving satisfactory service need not be replaced.

APPLICATION AT W.E. CO. DIST. HOUSE REPAIR SHOPS: All late model tape reader units having 2-piece top plates shall be equipped with either old style TP171748 springs or the new TP199997 springs.

All early model tape reader units having 3-piece top plates shall be equipped with new style TP171748 springs.

AVAILABILITY: The TP199997 springs and the new style TP171748 springs are now available.

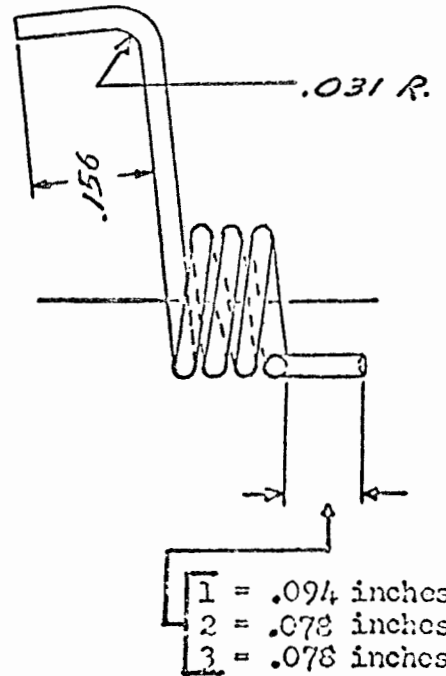
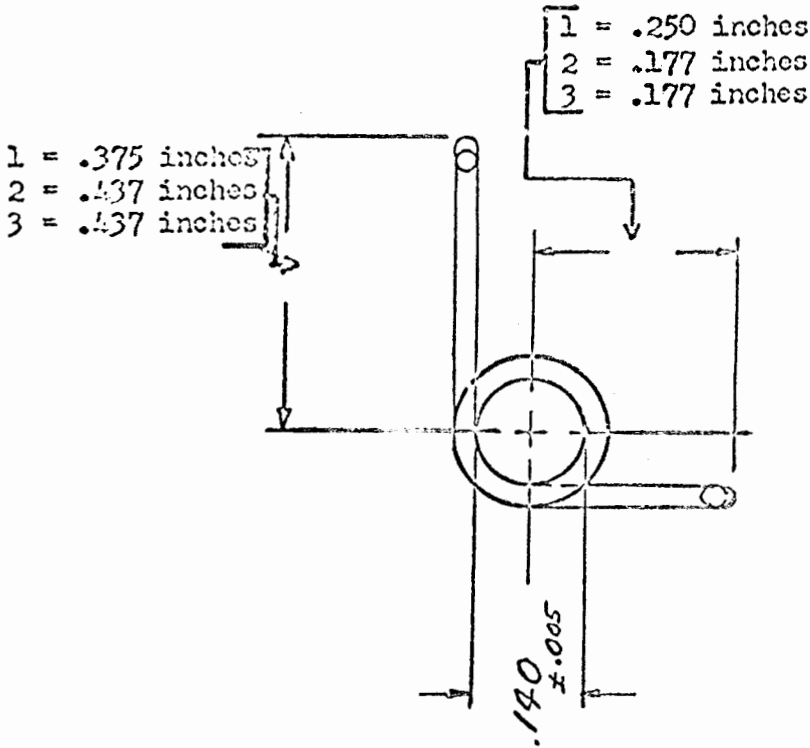
Figure 1

ALL DIMENSIONS $\pm .015$
UNLESS OTHERWISE SPECIFIED

SPRING, TORSION

1. New style 171748 Spring
2. Old style 171748 Spring
3. New style 199997 Spring

APPROX 90° FORM
(2-PLS)



APPROX. $3\frac{1}{4}$ LEFT HAND TURNS

**TP149989 BRACKET
AND TP149990 NUT PLATE**

APPARATUS AFFECTED: 1A and 2A Tape Readers — DATASPEED.

OBJECT: To increase the orientation range of the magnetic pickup coil assembly and provide an orientation overlap of the magnetic pickup coil assembly in respect to the magnetic insert of the flywheel. The flywheel assembly can only be positioned in increments of 90 degrees. The present coil mounting bracket only allows about 80 degrees orientation of the pickup coil.

CHANGE: The TP171285 nut plate and TP171286 coil mounting bracket have been replaced by a TP149990 nut plate and a TP149989 coil mounting bracket.

The new style TP149989 coil mounting bracket has two formed ear sections to which the 261M coil assembly can be mounted and each ear is about 19 degrees from the bracket center line. The pickup coil may be optionally mounted on either of the coil mounting ear sections. The added 19 degree displacement of the coil position will enable establishing an orientation overlap of the pickup coil relative to the insert of the flywheel at either the leading or trailing end of the transmitted signal.

The new style TP149990 nut plate has an over-all length of about 13/16 (.818) inches. The old style TP171285 nut plate has an over-all length of about 1-1/4 (1.251) inches.

Figure 1 illustrates the old and new style brackets. The new style bracket requires the addition of preliminary assembly information to the bulletins and practices which are as follows:

Section 592-801-700, page 23, issue 3, "Magnet Pickup"
Bulletin 267B, page 3-23, change 2, "Magnet Pickup"

Add to (2) Requirement, after To Adjust, this "Note":

"For units equipped with the TP149989 coil mounting bracket, it may be necessary to mount the pickup coil on either the upper or lower mounting ear to obtain an orientation overlap."

Refer to Teletype Bulletin 1176B, page 1-2, change 2.

Refer to Section 592-801-700, page 23, issue 3, "Magnet Pickup."

Refer to Teletype Bulletin 267B, page 3-23, change 2, "Magnet Pickup."

SECTION 592-801-800.02

IDENTIFICATION: See "CHANGE".

INTERCHANGEABILITY: New and old style brackets and nut plates are not individually interchangeable, but are interchangeable in pairs or sets.

CLASSIFICATION FOR APPARATUS FURNISHED BY TELETYPE: The change will be incorporated as soon as manufacturing conditions permit. This is expected to be about September, 1964.

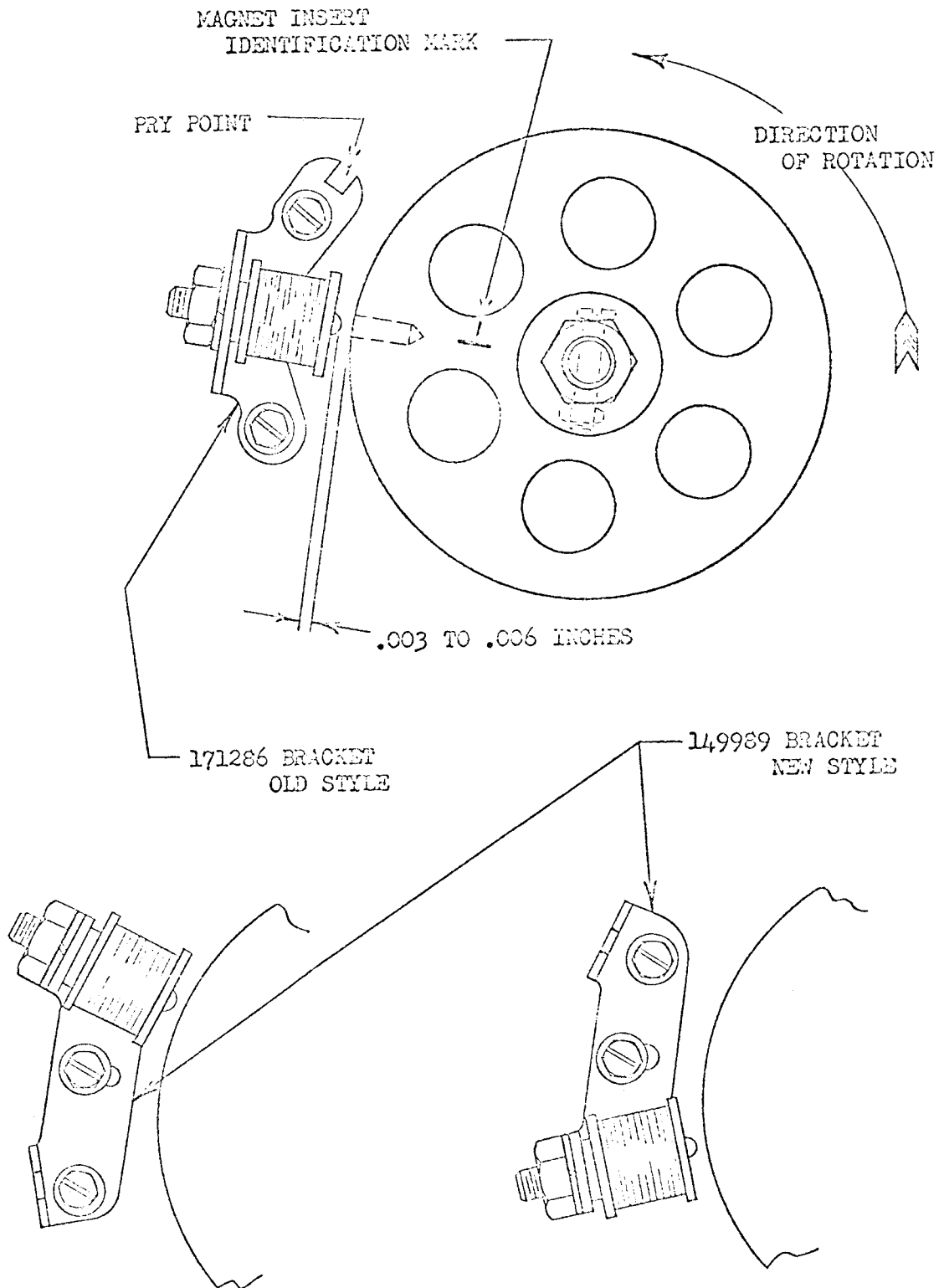
W.E.CO. STOCK OF OLD STYLE PARTS: May be furnished.

APPLICATION TO APPARATUS IN THE FIELD: Should be incorporated in all apparatus where an extended range may be required to meet specified adjustments or pickup coil orientation requirements.

APPLICATION AT W.E.CO. DIST. HOUSE REPAIR SHOPS: All units shall be equipped with the new style parts, if parts involved require replacement, or if parts are disassembled for other reasons.

AVAILABILITY: New style brackets are expected to be available during September, 1964.

Figure 1



NOTIFICATION OF CHANGE IN TELETYPE APPARATUS
TP125258 COILED EXTENSION SPRING

APPARATUS AFFECTED: 1A and 2A Tape Reader (DATASPEED).

OBJECT: To facilitate assembly.

CHANGE: The TP86304 spring has been replaced by a TP125258 spring.

The old style TP86304 spring is 0.387 inch long, measured over the loop ends, 0.148 inch diameter and has seven turns.

The new style TP125258 spring is 0.531 inch long, measured over the loop ends, 0.190 inch diameter and has nine and one-half turns.

Refer to Teletype Bulletin 1176B, dated January, 1963, page 1-8, change 2.

The detent lever spring requirement has been changed from min. 20 ozs. — max. 30 ozs. to min. 15 ozs. — max. 30 ozs.

Refer to Teletype Bulletin 267B, page 3-24, change 2.

IDENTIFICATION: See "CHANGE".

INTERCHANGEABILITY: Old style and new style springs are interchangeable.

CLASSIFICATION FOR APPARATUS FURNISHED BY TELETYPE: This change is now in effect.

W.E.CO. STOCK OF OLD STYLE PARTS: May be furnished.

APPLICATION TO APPARATUS IN THE FIELD: Old style parts giving satisfactory service need not be replaced.

APPLICATION AT W.E.CO. DIST. HOUSE REPAIR SHOPS: Units may be equipped with new or old style parts.

AVAILABILITY: New style TP125258 spring will be available in December, 1964.