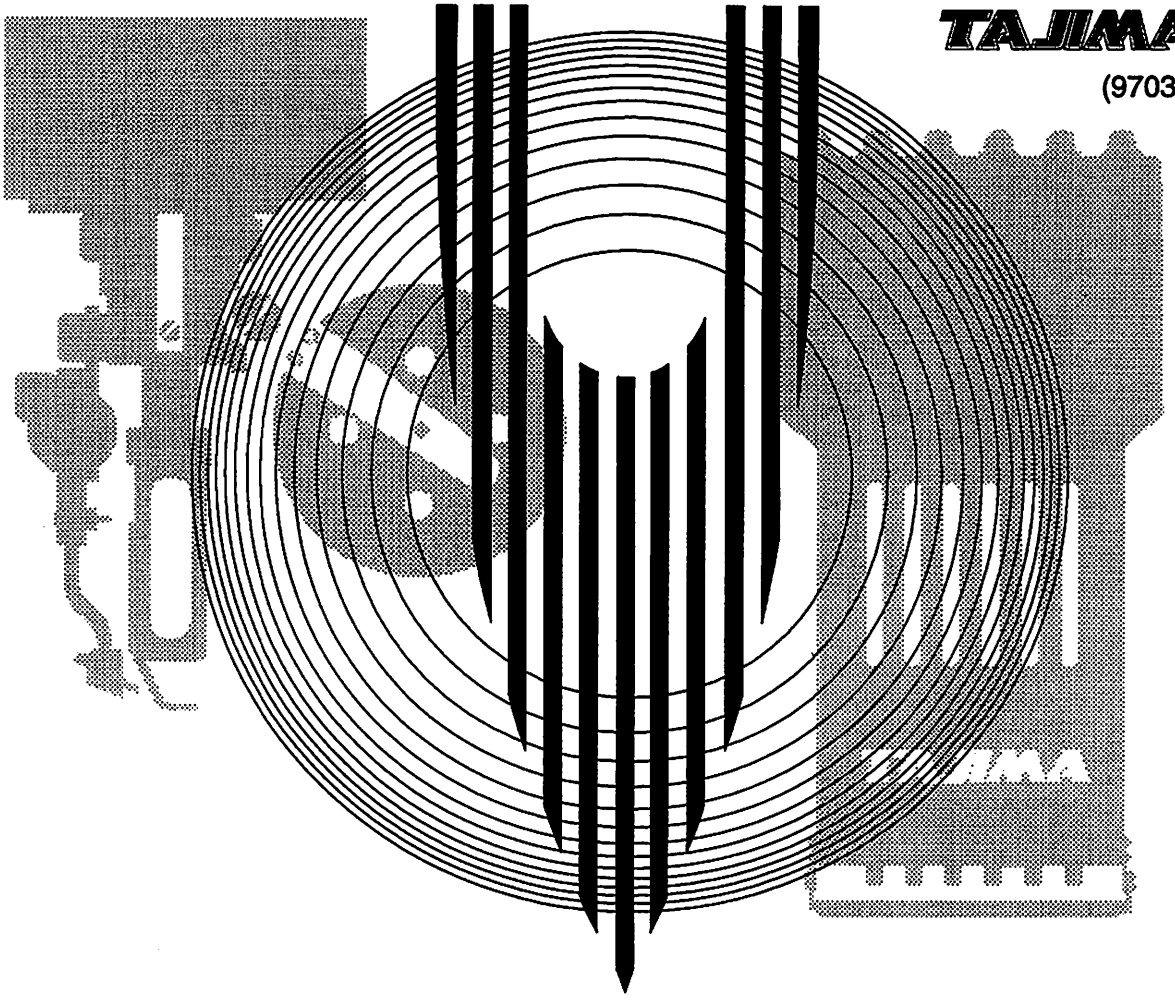
INSTRUCTION MANUAL
<SUPPLEMENT>
WIDE/SEMI-WIDE CAP
TUBULAR GOODS
FRAMES
TME-DC (TYPE D2)

TAJIMA

(9703)



SWITCHING FROM NORMAL EMBROIDERY FRAME TO THE CAP FRAME SPECIFICATION

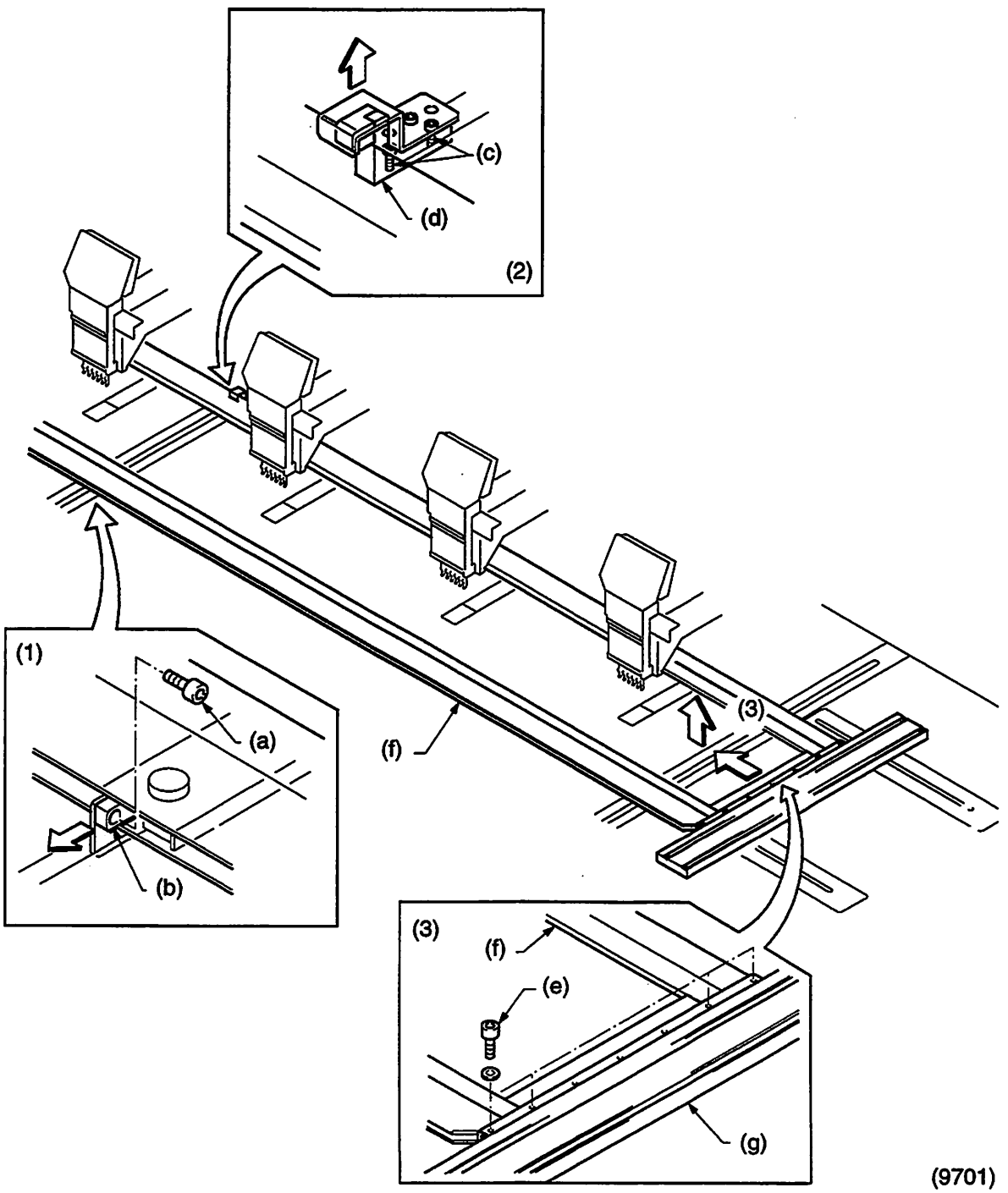
[1] Removing the Normal Embroidery Frame

(1) Remove the attaching screw (a) and remove the bracket (b).

(2) Loosen the attaching screws (c) and remove the bracket (d).

(3) Remove the attaching screws (e) of the normal embroidery frame (f) and remove the normal embroidery frame (f) from the Z-spec. frame sash (g).

NOTE: To install the normal embroidery frame (f), follow the procedure given above in reverse order.



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[6] Installing the Cap Frame Unit

REMARK: If the cap frame unit has not been assembled, assemble the unit following the procedure given in "Assembling the Cap Frame Unit" on pages 1 – 16.

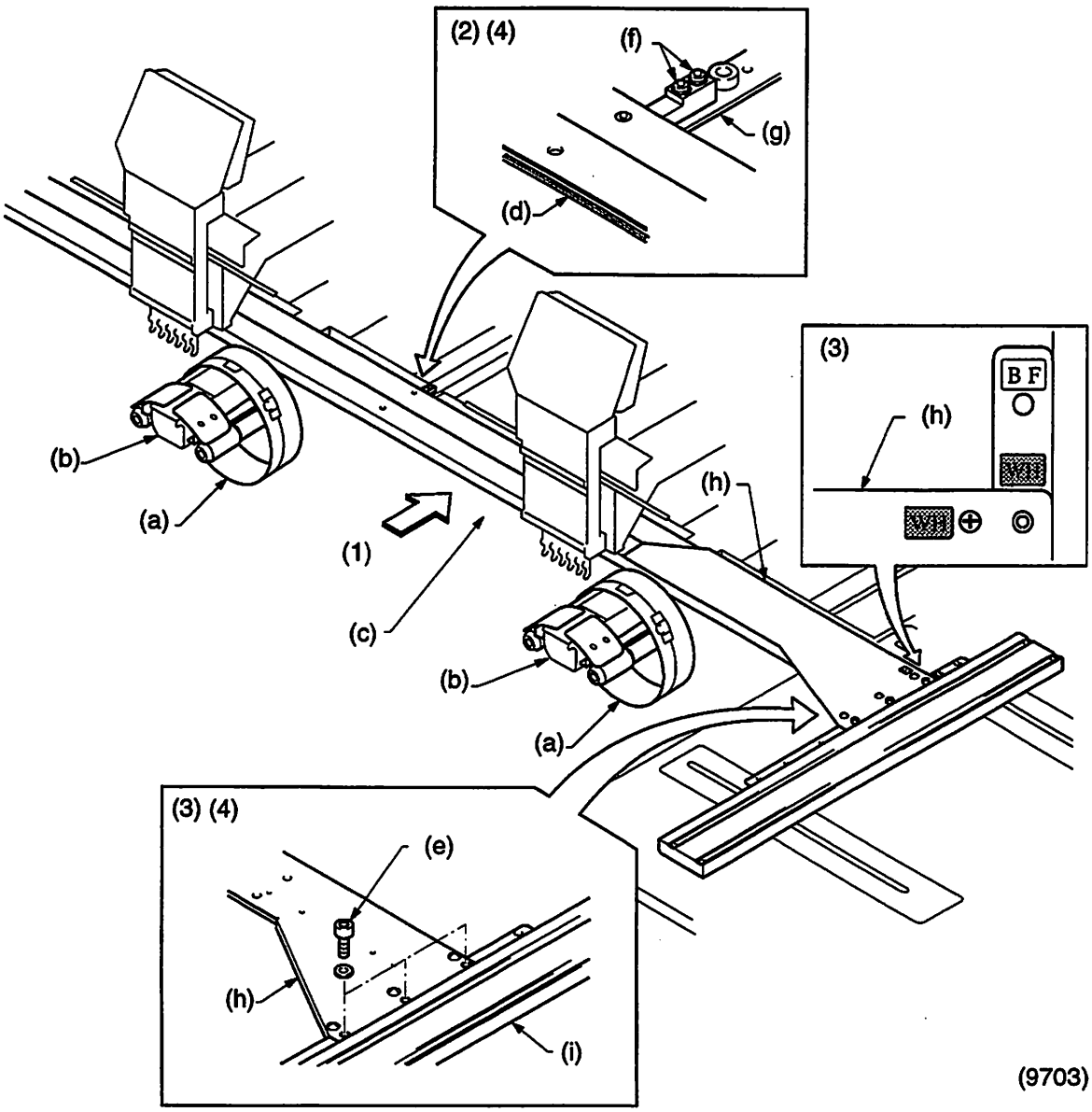
(1) Install the cap frame unit (c) so that the drive ring (a) fits on the bed (b).

(2) Secure the Y-axis base sash (d) lightly to the driver connecting plate (g) by using attaching screws (f).

(3) Check the direction of the slide base (h) so that the "WH" attaching position labels on the slide base (h) and the Z-spec. frame sash (i) match, and then secure the slide base (h) lightly to the Z-spec. frame sash (i) by using attaching screws (e) *[NOTE]*.

NOTE: Use the screws (hexagon socket head cap screw M5 × 12) which have been removed in the procedure given in "[1] Removing the Normal Embroidery Frame" on page 1 – 1 or "Removing the Tubular Goods Frame Base Sash" on page 2 – 1.

(4) Tighten the attaching screws (f) and (e) in the respective order to securely hold the cap frame unit and the driver in place.



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SWITCHING FROM TUBULAR GOODS FRAME TO CAP FRAME

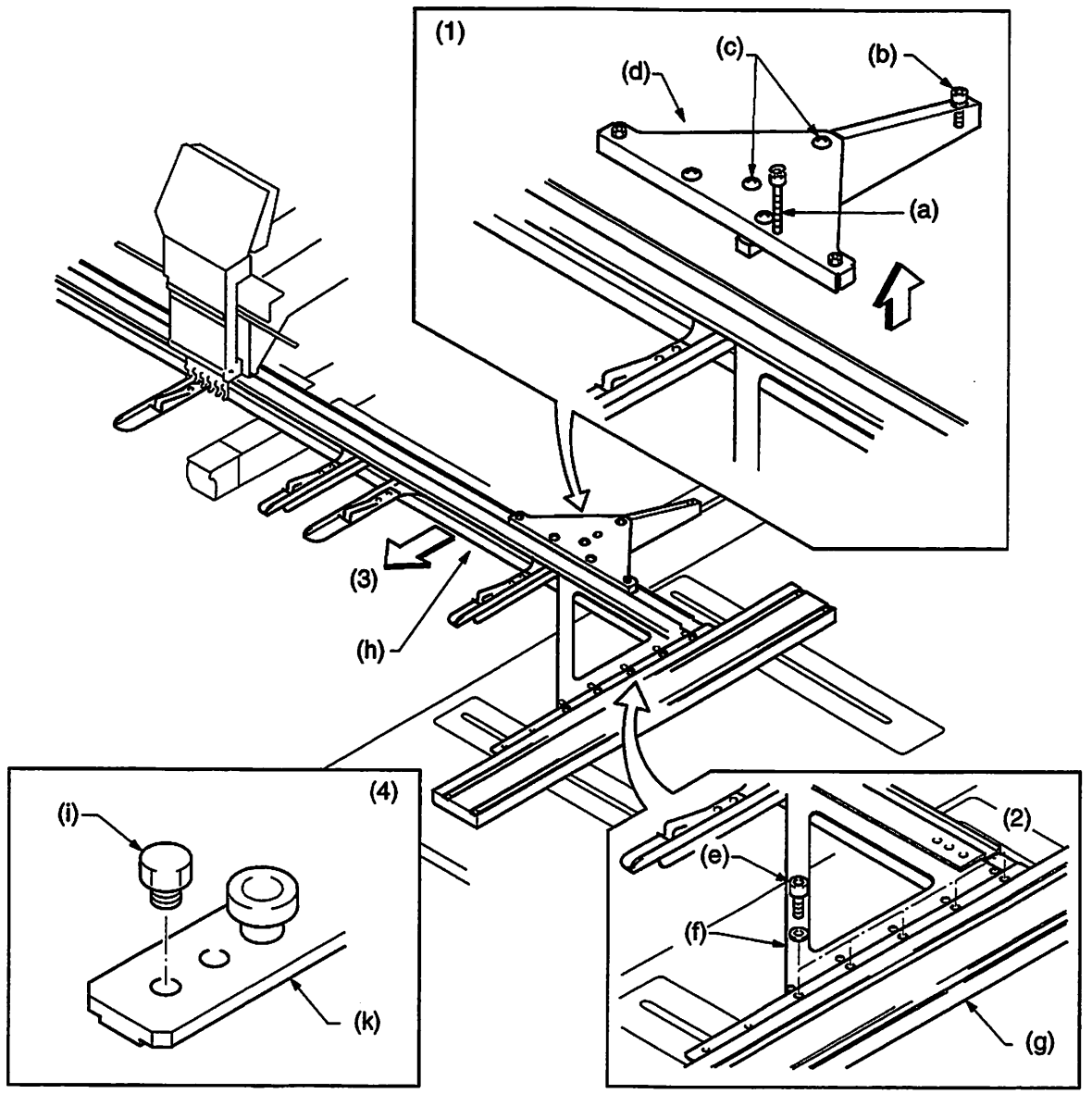
Removing the Tubular Goods Frame Base Sash

(1) Loosen the attaching screws (a), (b), and (C), and remove the float-preventive arm set (d) from the driver connecting plate.

(2) Remove the attaching screw (e) and detach the slide base (f) from the Z-spec. frame sash (g).

(3) Remove the tubular goods frame base sash (h).

(4) Remove the spacer pin (i) from the driver connecting plate (k).



NOTE: After removing the tubular goods frame base sash, follow the steps indicated in [2] Checking DIP Switch Settings (page 1 – 2) and later sections. Note that the operation explained in [4] Switching the Table (page 1 – 4) is not necessary.

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[5] Installing the Tubular Goods Frame Base Sash

(1) Attach the spacer pin (a) to the driver connecting plate (b).

(2) Fit the Y-axis base sash (c) to the bearing of the driver connecting plate, and then secure the slide base section (d) lightly *[NOTE 1]* to the Z-spec. frame sash (f) by using attaching screws (e) *[NOTE 2]*.

NOTE 1: Check the direction of the slide base section (d) so that the "BF" attaching position labels on the slide base (d) and the Z-spec. frame sash (f) match before securing them.

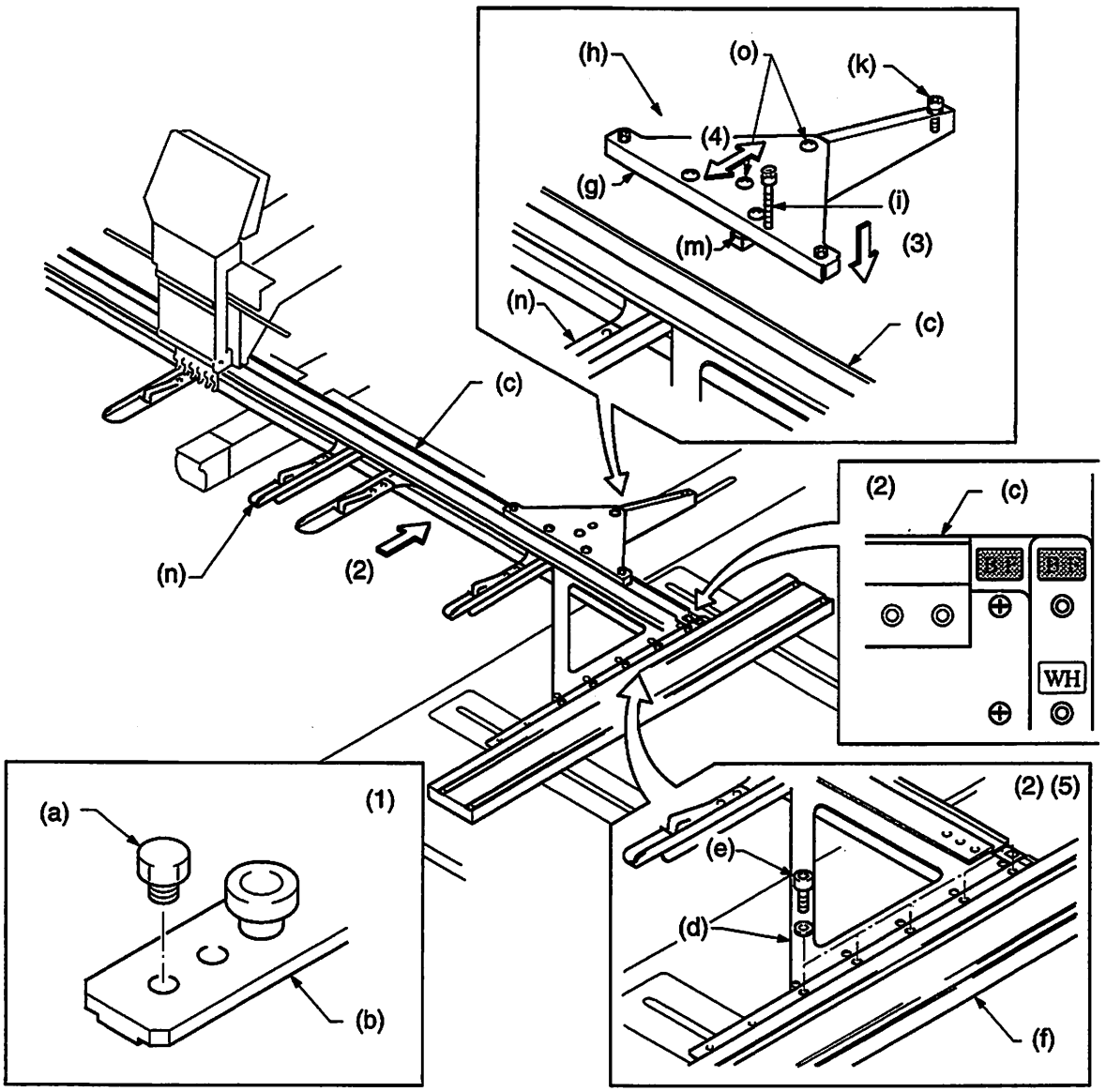
NOTE 2: Use the screws (hexagon socket head cap screw M5 × 12) which have been removed in the procedure given in "[1] Removing the Normal Embroidery Frame" on page 1 – 1 or "Removing the Cap Frame Unit" on page 8 – 1.

(3) Fit the bearing of the float-preventive arm (g) to the groove of the Y-axis base sash (c), and then install the float-preventive arm set (h) to the driver connecting plate by using attaching screws (i) and (k).

(4) Push the fixing roller (m) lightly against the edge of the Y-axis base sash (c), and check the parallelism between the holder base (n) and the table surface.

If they are not parallel to each other, adjust parallelism by moving the float-preventive arm (g) back and forth, and then secure them tightly by using attaching screws (o).

(5) Tighten the attaching screws (e) to securely hold the slide base (d) and the Z-spec. frame sash (f) in place.



[6] Adjusting the X-/Y-axis Driver Limit Switches and Proximity Switches

Use the Manual Frame Travel keys to move the tubular goods frame (inner frame) back and forth and right and left, and secure the X-/Y-axis driver limit switches (frame safety limit switches) and proximity switches (frame safety limit origin sensors) so that the frame is moved without hitting the needles.

Adjust the frame safety limit switches according to the inner frame size.

REMARK: For the positions of the limit switches and proximity switches, refer to page 1 – 13 "[10] Adjusting the X-/Y-axis Driver Limit Switches and Proximity Switches".

[7] Setting Frame Limit Origin

Follow "[11] Setting the Frame Limit Origin" on page 1 – 14.

SWITCHING FROM A CAP FRAME TO A TUBULAR GOODS FRAME

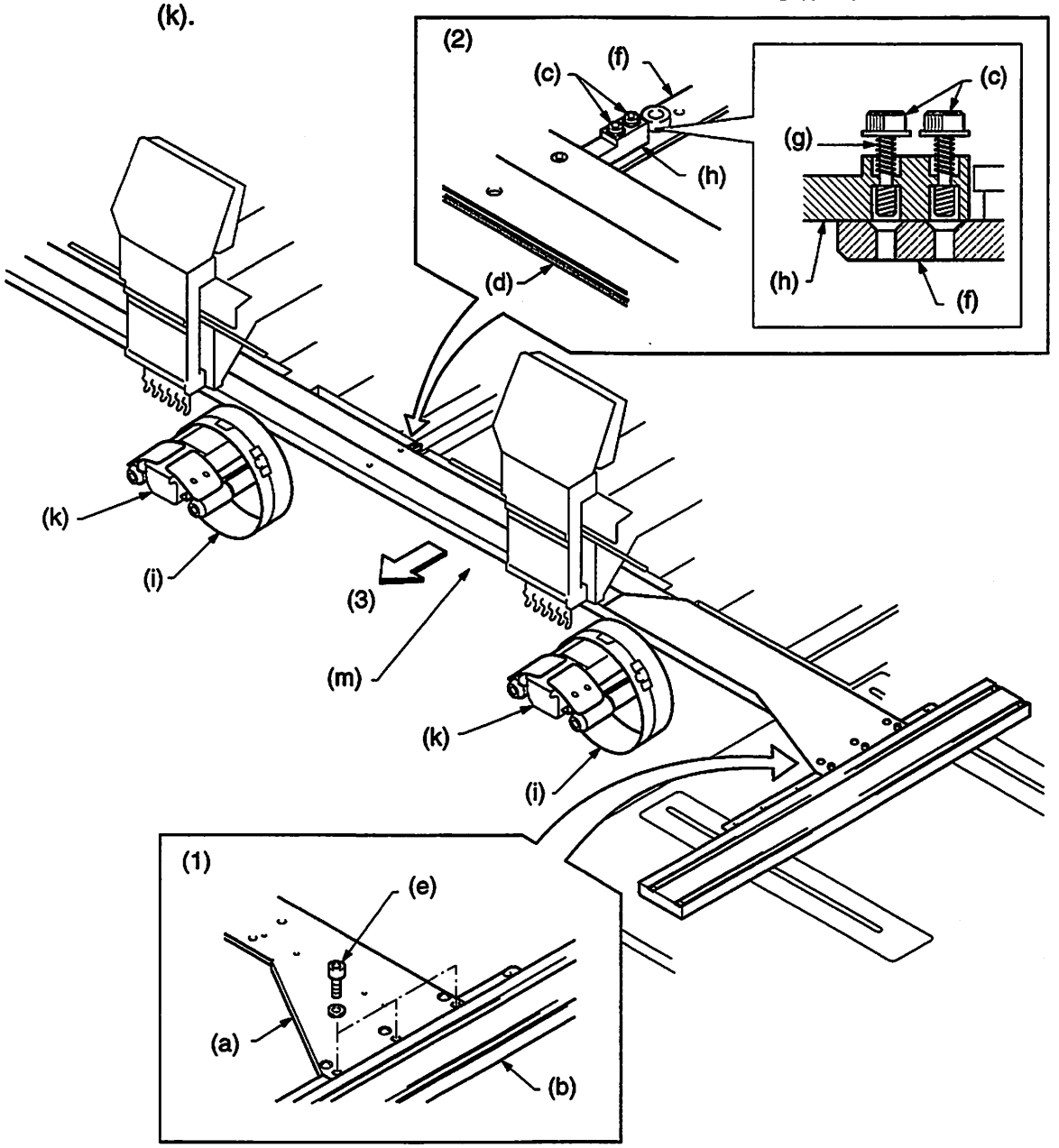
[1] Removing the Cap Frame Unit

(1) Remove the attaching screws (e) and detach the slide base (a) from the Z-spec. frame sash (b).

(2) Loosen the two attaching screws (c)[NOTE] and detach the Y-axis base sash (d) from the driver connecting plate (f).

NOTE: Loosen the attaching screws (c) until they come out of the Y-axis sash block due to the pushing force generated by springs (g).

(3) Remove cap frame unit (m) in the manner the drive ring (i) is pulled out of the bed (k).



REMARK: After removing the cap frame unit, keep it in storage as it is. It is not necessary to disassemble the cap frame unit.

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■ **Manufactured by:**
Tokai Industrial Sewing Machine Co., Ltd.

1800 Ushiyama-cho, Kasugai City, Aichi Prefecture, 486 Japan

Telephone: 568-33-1161 Fax: 568-33-1191

■ **Distributed by:**
Tajima Industries Ltd.

3-19-22 Shirakabe, Higashi-ku, Nagoya, 461 Japan

Telephone: 52-932-3444 Fax: 52-932-2457

■ **Authorized Distributor:**

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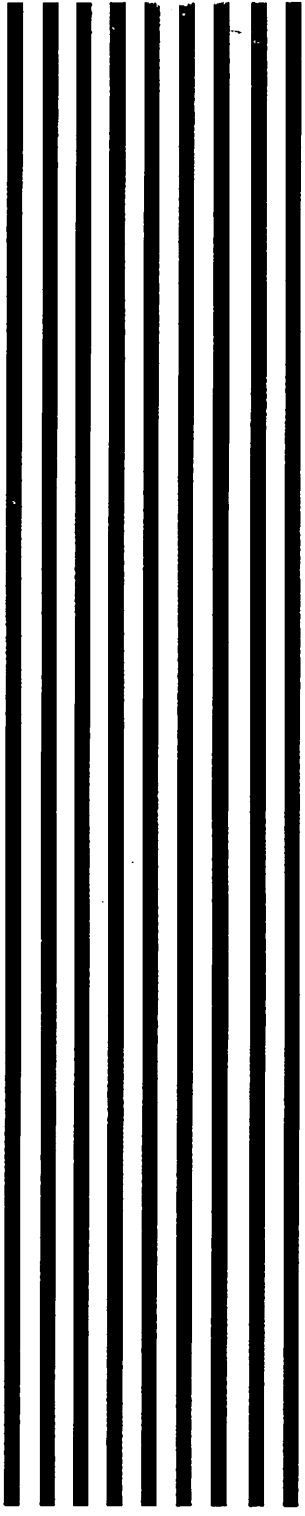

THE TAJIMA GROUP

Tajima Industries Ltd.
19-22, Shirakabe, 3-chome, Higashi-ku, Nagoya, 461, JAPAN
TEL. (052) 932-3444 FAX. (052) 932-2457

Tokai Industrial Sewing Machine Co., Ltd.
NO. 1800, Ushiyama-cho, Kasugai, Aichi-pre., 486, JAPAN
TEL. (0568) 33-1161 FAX. (0568) 33-1191