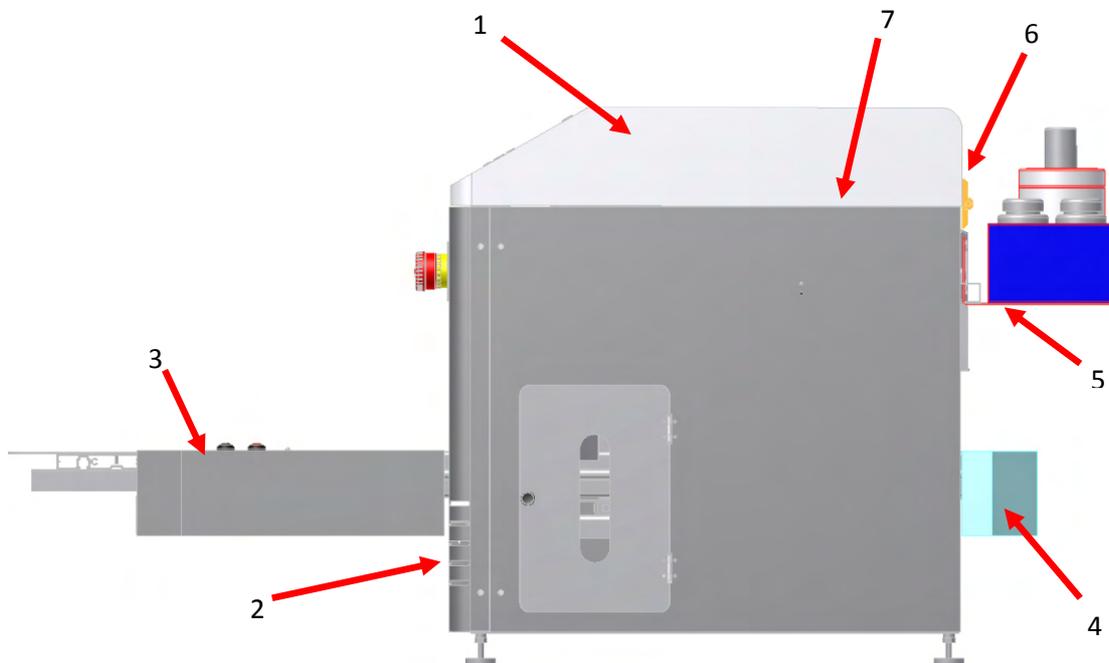


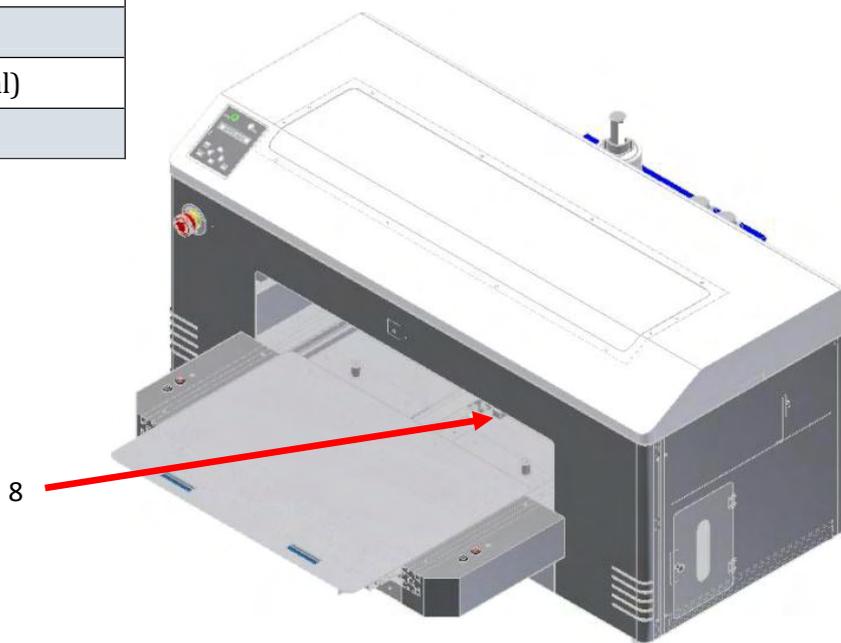
Removal of Covers

Before replacing some service parts in the machine, some external covers must be removed. This section describes the procedures to remove covers if required.



No.	Part name
1	Top cover (Lid)
2	Front lower cover
3	Front platen guide cover
4	Rear platen guide cover
5	WIMS unit mounting plate
6	Lid hinge
7	Rear Inner Cover (Internal)
8	Encoder Disc Cover

TABLE 5-1 PRINTER COVER PARTS

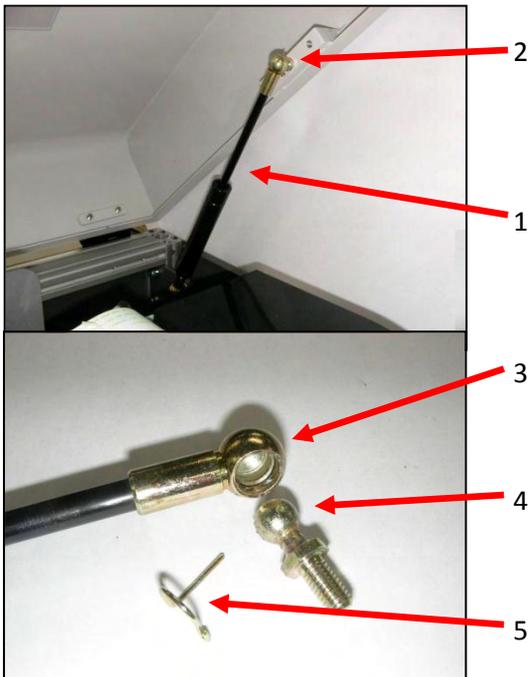


Removing the Top Cover

NOTE

A cross point screwdriver and 3mm allen (hex) key are required for this procedure.

1. Open the top cover to allow access to the gas struts
2. Support the top cover in it's open position whilst disconnecting the gas struts
3. Locate the top gas strut ball joint as shown, repeat the following processes for the left side.



No.	Part name
1	Gas Strut
2	Gas Strut Ball Joint
3	Gas strut ball joint socket
4	Gas strut ball joint stud
5	Locking wire

4. Unclip the locking wire by pushing with a screw driver.
5. Remove the locking wire.
6. Separate the ball from the ball joint. **DO NOT REMOVE THE BALL STUD FROM THE FRAME.**
7. Gently lay the gas strut down and close the lid



8. Remove the two screws from the lower section of each hinge (left and right hand sides of the rear of the printer) and carefully lift the lid off.



No.	Part name
1	Lid Hinge
2	Lid Hinge Screws (lower)



The removal of the top cover (lid) of the M series printers requires two persons: one to hold the lid open during the disconnection of the gus struts, and one at each side of the lid during removal. Injury or damage to the printer may occur if this process is attempted by only one person.

Removing the Rear Inner Cover

NOTE

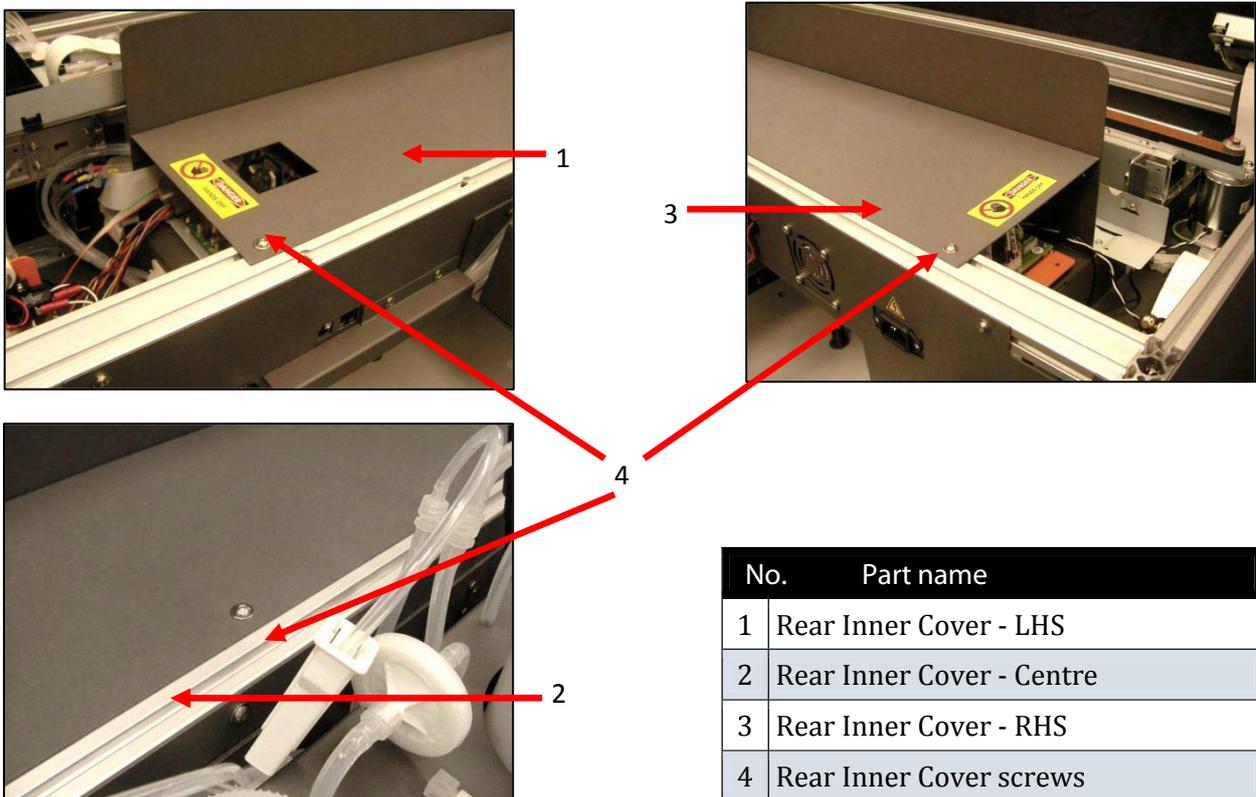
A cross point screwdriver is required for this procedure.

NOTE

The Rear Inner Cover is located to the rear of the printer and is accessible (and removable) when only when the Top Cover (Lid) has been removed – [Section 5.4.1 "Removing the Top Cover" p.86](#)

WARNING

- ? When removing the Rear Inner Cover, you are exposing the Power Board Assembly. Therefore, you must remove the power cable from the printer and wait for at least 5 minutes before removing this cover; this should discharge the residual electrical charge of the electrolytic capacitor on the Power Board Assembly. If you handle these boards before the capacitor charge is fully discharged, you may suffer electric shock which could be fatal.
- ? To avoid electric shock, never touch the back of the power board. When handling the power board, hold the edges of the board only.
- ? To avoid a short circuit, do not place the power board assembly directly on any conductive objects or surfaces.



1. Locate the three Rear Inner Cover screws (tapping screw M4 × 12, P tight binding black: 3pcs).
 2. Remove all three Rear Inner Cover screws.
 3. Carefully lift the cover straight up and off.
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