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INSTALLATION INSTRUCTIONS

for the

KODAK Miniloader 2000 Van-Kit, Model 2

CAT. Number 7199920

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Caution

The ML2000 weighs 250 KGs (551lbs) without the possible accompanying M35 film processor.

The equipment must be adequately secured to the vehicle.

The customer and / or coachbuilder to be notified of the fixing requirements;

To secure this weight in the vehicle ensure the floor is capable of supporting the equipment.

Adequate fixings are used, e.g. screws, washers & nuts which are rust proof etc.

Ensure that no component of the vehicle is damaged by the install e.g. brake pipes, electrical cables.

Positioning the Miniloader over the “Mounting Anvil” of the articulated trailer is a potential hazard from a fixing criteria this will require special install arrangements “if “ at all possible. The coachbuilder’s are the only people who can perform this task.

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INTRODUCTION

The VAN-KIT is used to install a KODAK Miniloader 2000 in a VAN. As a standard VAN does not exist, the adaptation of the BASE PLATE and REAR WALL PLATE to the VAN has to be made during installation. The necessary mounting hardware (screws, anchors etc.) must be provided locally. They are not part of the VAN-KIT.

The Kit consists of a SHOCK ABSORBER SANDWICH and the REAR WALL SHOCK ABSORBER ASSEMBLY.

To get access for service a QUICK DISCONNECT has to be released and 2 SHOCK ABSORBERS at the rear must be removed. The ML2000 can then be moved forward.

SPACE REQUIREMENTS

figure 1-1

The lateral space of 20cm (8 inch) is needed, because the ML2000 swings during a bus ride (especially on a bumpy road). The lateral space of 50 cm(20 inch) is required for the service personal to take out the rear SHOCK ABSORBERS in case service is necessary and for access to the RECEIVING MAGAZINE.

The 50 cm space should be preferably on the left side.

PACKING LIST

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WALL MOUNTING PLATE	9301401	1
BASE PLATE	9301501	1
REAR MOUNTING PLATE	9301411	1
FRONT MOUNTING PLATE	9301421	1
SHOCK ABSORBER SANDWICH	9309163	1
REAR MOUNTING BRACKET left	9309041	1
REAR MOUNTING BRACKET right	9309061	1
REAR SHOCK ABSORBER	9301621	2
TRANSPORT LABEL	9301561	1
SCREW M6x10 (see note below)	4284044	9
SCREW M6x20 (see note below)	4280440	4
WASHER 6.4 mm	4480121	9
VELCRO top / bottom	5001718 / 5001721	1/1

Note

No NUTS are required for these SCREWS. All parts are provided with the required threads.

INSTALLATION

Note

The necessary mounting hardware is not provided by KODAK

1. Mount the MOUNTING PLATE of the REAR WALL SHOCK ABSORBER ASSY to the wall. If necessary drill additional holes into the PLATE.

figure 1-2

Note

Before fastening the SCREWS set the MOUNTING PLATE to the correct height. Use the BASE PLATE as a GAUGE.

2. Mount the REAR MOUNTING PLATE to the ML2000. Use 2 SCREWS M6x20 with WASHERS.

figure 1-3

Note

Before fastening the SCREWS set the MOUNTING PLATE to the correct height. Use the BASE PLATE as a GAUGE.

3. Open the FRONT DOOR of the ML2000 STAND. Mount the FRONT MOUNTING PLATE (this is the PLATE with the QUICK DISCONNECT). Use 2 SCREWS M6x20 with WASHERS.

figure 1-4

4. Take out the MOUNTING SCREW of the PNEUMATIC ASSEMBLY and retain it.

figure 1-5

5. Take off the REAR PANEL of the ML2000 STAND.

Note

The v-shaped cut-out must be down and pointing to the rear of the ML2000. It must be engaged with theLOCATING PIN of the ML2000 STAND.

6. Insert the SHOCK ABSORBER SANDWICH. First tighten the 4 COUNTERSUNK SCREWS. This makes the SANDWICH flat enough to become inserted.

figure 1-6

7. Fix the SANDWICH to the ML2000 with 5 SCREWS M6x10 and WASHERS. Do not tighten the SCREWS.

figure 1-7

8. Take out the 4 COUNTER SUNK SCREWS of the SANDWICH.

figure 1-8

9. Tighten the SCREWS inserted in step 7.

10. Take out the 4 SCREWS of the SPACER BRACKETS left and right and take out the SPACER BRACKETS. They are no longer needed.

figure 1-9

11. Fasten the PNEUMATIC ASSEMBLY. Use the SCREW removed in step 4.

12. Mount the REAR PANEL to the ML2000 STAND.

13. Take out the 4 DUMMY SCREWS at the rear of the ML2000.

figure 1-10

14. Mount the 2 REAR MOUNTING BRACKETS to the ML2000.
Use 4 SCREWS M6x10. Do not use longer SCREWS. The GEAR BOX of the FILM POCKET STEPPER MOTOR might become damaged.

figure 1-11

Note

Necessary mounting hardware is not provided by Kodak.

15. Mount the BASE PLATE to the floor.

16. Roll back the ML2000 until the REAR- and FRONT MOUNTING BRACKETS are

figure 1-12

fully engaged with the BOLTS of the BASE PLATE mounted to the floor.

17. Close the QUICK DISCONNECT.

18. Insert both REAR SHOCK ABSORBERS. They slide into their GUIDES.

figure 1-13

19. Place the self adhesive LABEL with TRANSPORT HINTS onto the ELECTRONIC BOX.

figure 1-14

20. Mount the VELCRO to the ML2000 SIDE PANEL and to the FRONT DOOR.

format 1-15

OPERATING MODE

Note

Instruct the OPERATOR to carry out this measure.

figure 1-16

TRANSPORT SAFETY PRECAUTIONS

During transport the following safety precautions must be taken to prevent damage to the ML2000.

Note

Instruct the OPERATOR to follow these SAFETY PRECAUTIONS.

1. Take out all SUPPLY MAGAZINES and RECEIVING MAGAZINE, store them in a safe place.

figure 1-17

2. Close the FRONT DOOR and secure it with the VELCRO.

3. Ensure that the QUICK DISCONNECT is closed.

4. Switch off the ML2000.

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