



Transit Mode

General principles—All traps



EYE PROTECTION MUST BE WORN WHEN WORKING ON OR AROUND A CLAY TARGET LAUNCHER AS SMALL SHARP PIECES OF CLAY MAY BE EJECTED DURING NORMAL USE.

WARNING

Clay target launchers can be dangerous and must be treated with great care at all times to avoid accidents.

Never place any bodily part into the path of any mechanical piece whilst the machine is in motion or likely to be so.

You must treat a clay target launcher with the same caution that you would treat a loaded gun.

Assume at all times that a clay target launcher is armed and loaded and treat it accordingly

Warning:

Read and understand this document in full before attempting to transport any Clay target machine



Warning: This section contains instructions which, if ignored or carried out incorrectly, may result in risk of personal injury.



Never approach the machine from the front or sides, Do not assume the trap is safe, even without electrical power it may still be armed and can fire without power being applied.

TRANSIT MODE PROCEDURE

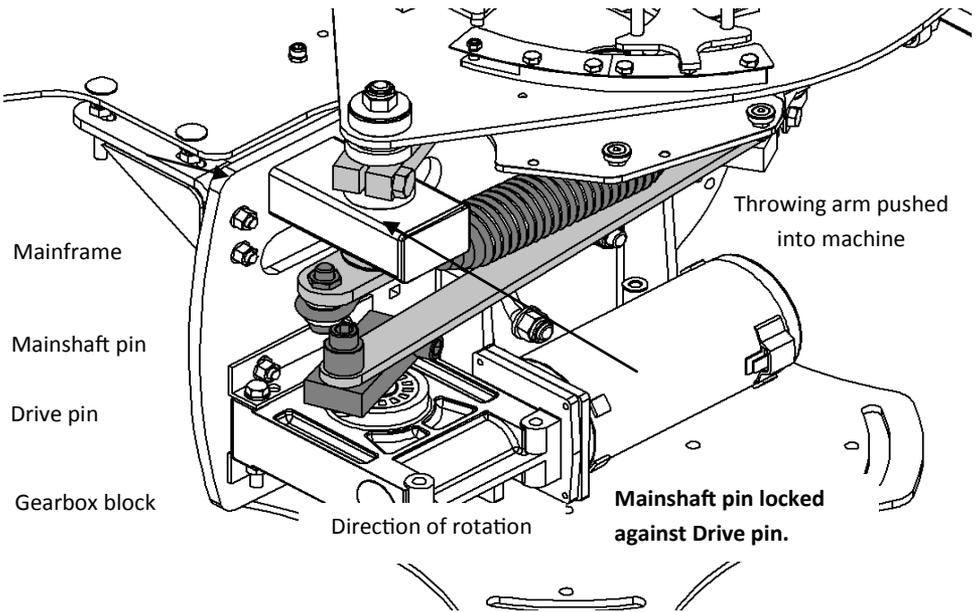
OBLIGATORY for safe machine transportation.

Warning: Stand at rear of machine only

1. Disarm the machine by flicking the **ARM/DISARM** switch upwards towards the **DIS-ARM** position and immediately releasing (long enough for the trap to fire, but not giving the machine a chance to rearm). The throwing arm should be pointing towards the front of the machine. The Gearbox block (A rectangular block attached to the gearbox shaft) should be in a position pointing towards the front of the machine. Push the **ARM/DISARM** switch momentarily in direction of **DISARM/NUDGE** just enough to allow the block to move **slightly past** the straight ahead position. Think of the gearbox block as an hour hand of a clock. This needs to be pointing to about 11 o'clock (for right-hand machines, 1 o'clock for left hand-machines when looking at it from **behind** the trap as seen in the diagram (RH). If the block has gone too far, follow this procedure again until the desired position is achieved.
2. Disconnect the power source from the machine.
3. Adjust the spring to reduce the tension. See the owners manual for details of how to reduce the spring tension.
4. The throwing arm can be pushed slowly, **USING THE PALM OF THE HAND ONLY**, around clockwise. Continue pushing the arm under the top plate. (the arm pointing directly to the back of the machine). As the arm goes over top dead centre the spring will take over and the arm will snap forward until the drive pin on the mainshaft touches the drive pin on the Gearbox block. If the spring does not pull the arm onto the drive pin, nudge the motor a little further round and try again. Once the spring has taken over, the arm will be locked against the drive pin and unable to move in either direction. It is desirable for the spring to be pulling the arm onto the drive pin so that when power is applied the arm will slowly follow the motor and point forwards before cocking prior to firing.
5. The arm is now locked between the drive pin and the one-way bearing within the trap, it cannot move or release again until power is applied and the **ARM/DISARM** switch operated. For machines without Solenoid release, this is **TRANSIT MODE**. If your machine has Solenoid release, nudge the machine ensuring that the throwing arm follows

the motor. To make the machine safe, the arm must pass the solenoid trigger. Activate the solenoid release by pressing the rear of the solenoid release from the rear of the machine. Nudge the arm past the trigger . Release the trigger and stop the nudge. This is now **TRANSIT MODE**. On personal use machines, the spring tension may be enough to move the gearbox. If this happens the arm will move slowly to point towards the front of the machine. Whilst this is safe, the arm is vulnerable. It is best to reduce the spring tension to its minimum or remove the spring entirely. The arm can then be pushed into the machine for protection. Fix it in this position with a cable tie or similar means.

Note. Great care should be exercised during Procedure 1. Do not push the arm against the gearbox drive pin if it has gone past the 11 o'clock position. Doing so may result in a broken mainshaft as the spring action acts on the arm. The arm will now not stop but continue round, effectively firing the trap.



To check if a trap has been correctly set to safe mode, ensure that the gearbox block is towards the front on the machine and that the mainshaft pin is tight against the drive pin on the top of the gearbox block **AND IS BETWEEN THE DRIVE PIN AND THE MAINFRAME** as indicated in the diagram above.

This procedure is the same for left-handed traps but the image above will be reversed. The gearbox block will be towards the 1 o'clock position when viewed from behind.

Every effort has been made to ensure that the information contained within this manual is complete, accurate and up-to-date. Promatic International assumes no responsibility for errors beyond its control.



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