

trouble shooting  
target flight  
adjustment and  
maintenance  
manual

**Western®**  
self loading  
electric skeet trap  
model V1574A

**Quality Replacement Parts**

5405 Valley Belt Road, Ste A  
Independence, OH 44131

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*For the Clay Target Industry*

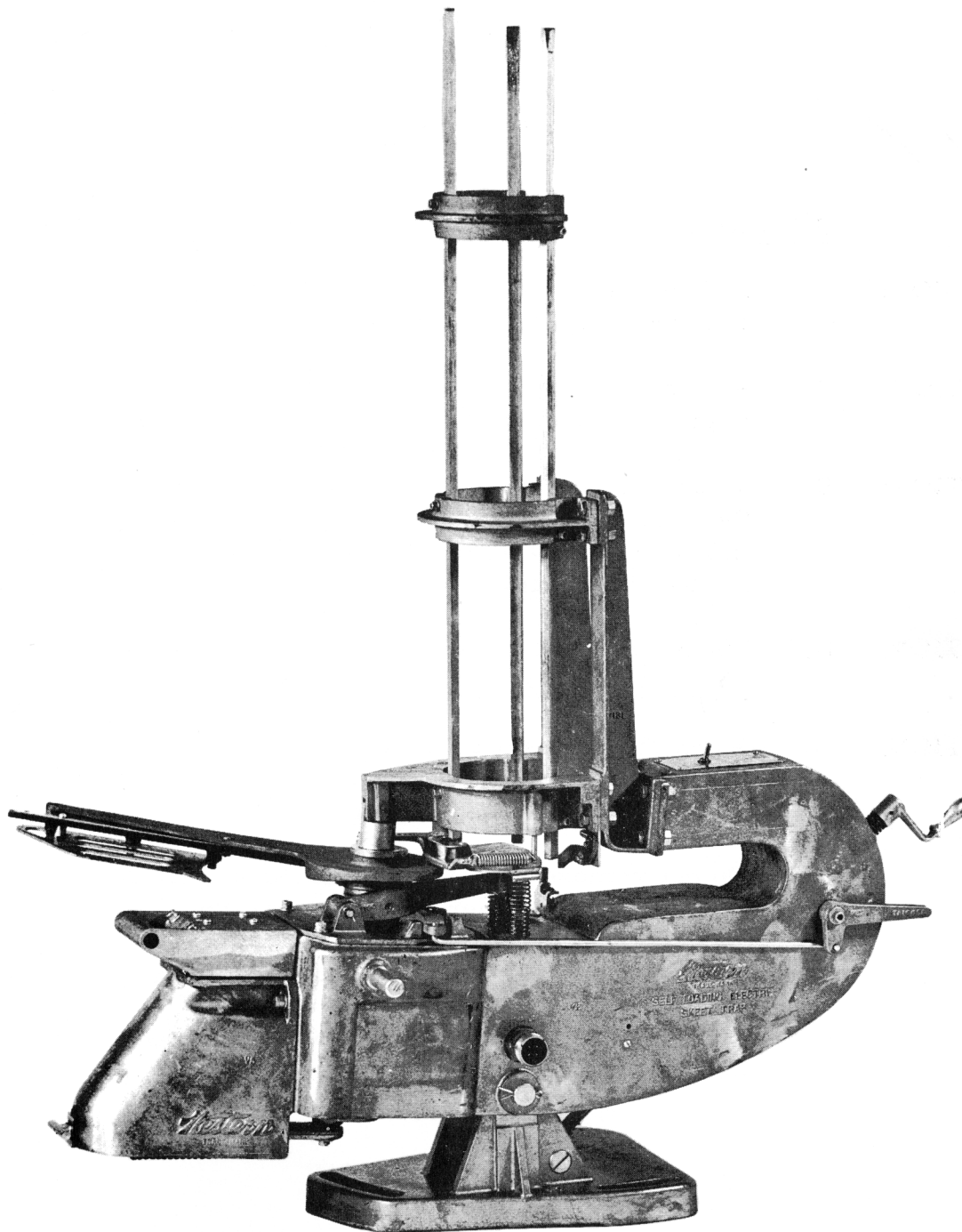
**Quality Replacement Parts**

**Alan Kuntz**  
Sales and Service

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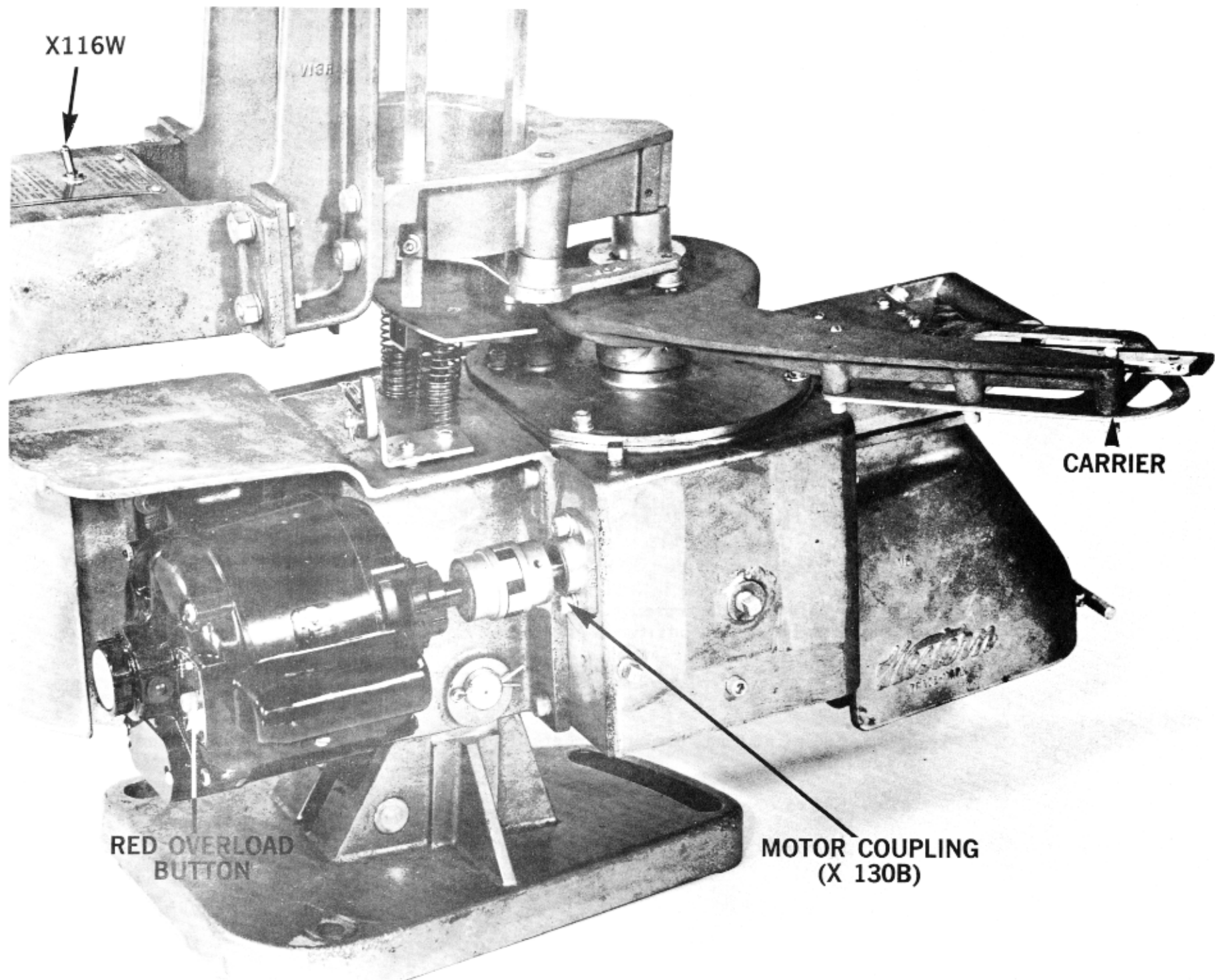
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GENERAL - V1574A AUTO-LOADING SKEET TRAP

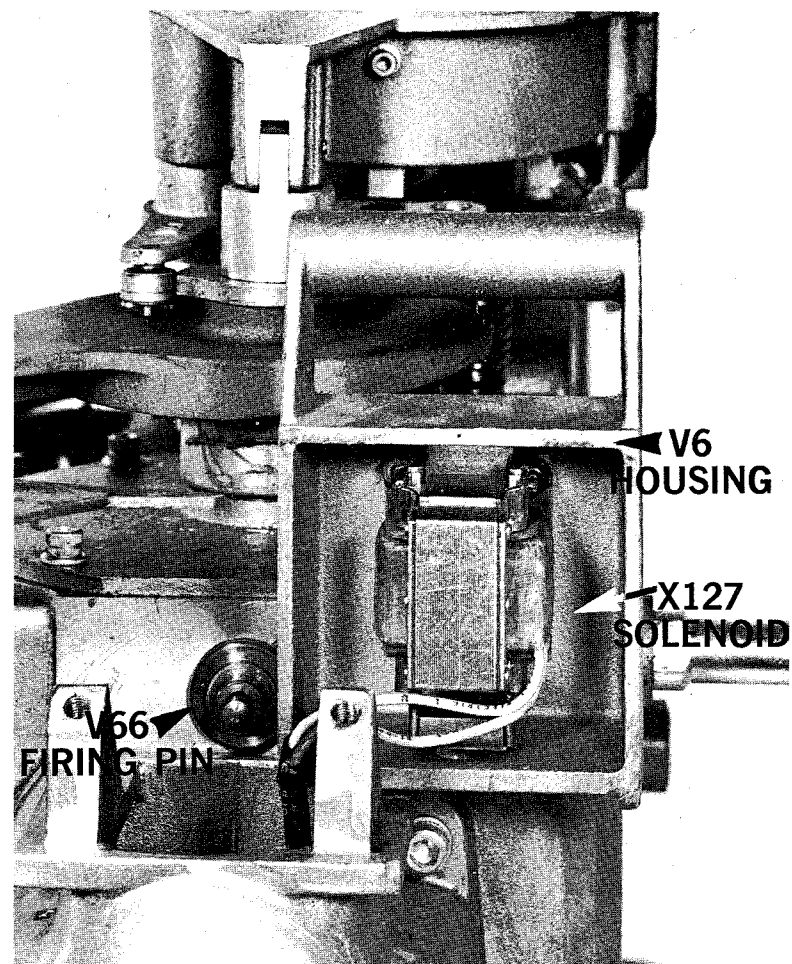
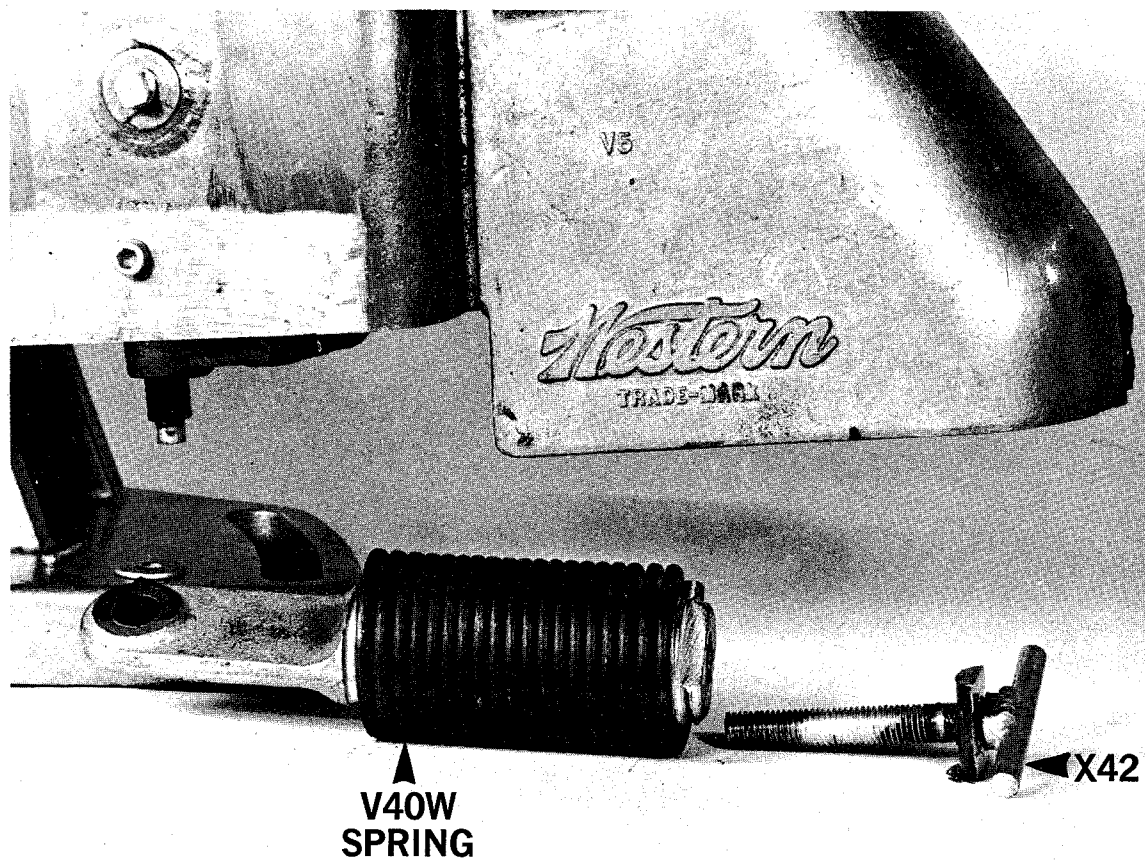
- CAUTION: A. Before making any adjustments on trap, pull master switch (X116W) to off position, and pull trigger (V57) to fire trap.
- CAUTION: B. Always be sure to pull each master switch (X116W) to off, and pull triggers (V57) to release carriers at end of shoot to leave traps in fired position.
- CAUTION: C. When a target is thrown from this trap with the power off, the carrier will throw the target then start to back up. If the switch (X116W) is turned to the on position while the carrier is in its rearward motion, the motor will reverse itself and pull the carrier backward, damaging target stop finger (V215) and target feed finger (V209A).
- CAUTION: D. When operating the off and on switch (X116W) for any reason, always be sure the carrier is completely stopped before turning switch to the on position.
- CAUTION: E. When changing position of carrier rail on carrier to take curve out of targets, (Page 16, Item "D"), always support carrier underneath with other hand when loosening or tightening screws to prevent springing carrier.
- F. Do not remove targets from cartons until ready to load magazine. Check for broken or cracked targets when loading magazine.
- G. Once a month check to be sure bolts holding trap to plank and plank to base are tight.
- H. Occasionally check for badly worn carrier rail assembly (V32W). A worn carrier rail may be reversed for further use.



PROBLEM: Trap fails to cock when master switch (X116W) at rear of trap is turned on.

CORRECTION:

1. Check to see if motor is running. IF NOT
  - A. Check power supply to trap house.
  - B. Check to see if power connection into left side of trap is screwed in tight.
  - C. Press in red overload button on motor, overload may have shut motor off due to low voltage or trap being jammed.
  - D. Revolve motor coupling one or two turns to be sure motor revolves freely.
2. Check to see if motor is running. IF MOTOR IS RUNNING
  - A. Check to see if carrier is in neutral position (just to right of forward position,). If it is, move carrier to forward position (counter clockwise) by hand. DO NOT attempt to completely cock trap by hand, just move carrier to most forward position and motor will cock trap.
  - B. Check for failure or slippage of motor coupling (X130B). Tighten or replace as indicated.



PROBLEM: Trap cocks but fails to release when release button is pressed.

CORRECTION:

1. Pull up on mechanical release trigger (V57) at left rear of trap.  
IF TRAP RELEASES MECHANICALLY.
  - A. Check for broken wire in release cord. Check release cord and button by trying on another field. Replace cord and button if indicated.
  - B. Check release solenoid (X127) by removing two screws (V161W) just in back of carrying handle at front of trap, and lift solenoid housing (V6) away from trap. Press and release electrical release button. If solenoid is not activated by release button, replace solenoid. Be sure master switch is off and carrier is uncocked before removing housing.
2. Trap does NOT release either with release button or trigger (V57).
  - A. Check for broken main spring (V40W) by reaching under housing at front of trap or by turning mainspring adjusting screw (X42). (If screw turns loosely, spring is broken.) If spring is broken, remove broken parts, then release carrier by pulling up on trigger (V57) and manually positioning carrier in a forward position. Install new spring.

