



SHOWN WITH GATE IN CLEAR POSITION, EGM NORMAL & ENERGIZED AND CAM SWITCH IN THE RUN POSITION.

NOTE: WIRES ARE TAGGED BY TERMINAL DESIGNATIONS. WIRE NUMBERS SHOWN ONLY FOR EASE OF CIRCUIT TROUBLESHOOTING.

| CONTACT | CLOSED     | FUNCTION   | TENSION   |
|---------|------------|------------|-----------|
| 1B      | 75-90 DEG. | POWER DOWN | 18-28 OZ. |
| 1F      | 0-70 DEG.  | SNUB DOWN  | 18-28 OZ. |
| 2       | 0-86 DEG.  | POWER UP   | 18-28 OZ. |
| 3       | 0-10 DEG.  | GATE DOWN  | 16-24 OZ. |
| 4       | 82-90 DEG  | GATE CLEAR | 16-24 OZ. |
| 5       | 10-90 DEG. | BELL       | 16-24 OZ. |
| 6       | SPARE      | SPARE      | 16-24 OZ. |
| 7       | 0-2 DEG    | SNUB       | 16-24 OZ. |

**WESTERN-CULLEN-HAYES, INC.**  
**3597 GATE MECHANISM WITH**  
**ELECTRONIC GATE MONITOR**  
**WIRING DIAGRAM 3597-WD**  
**REV. D, 11/28/01, ECO 8736**

U.S. PATENT 6,307,339

MANUFACTURE DISCONTINUED 12/02