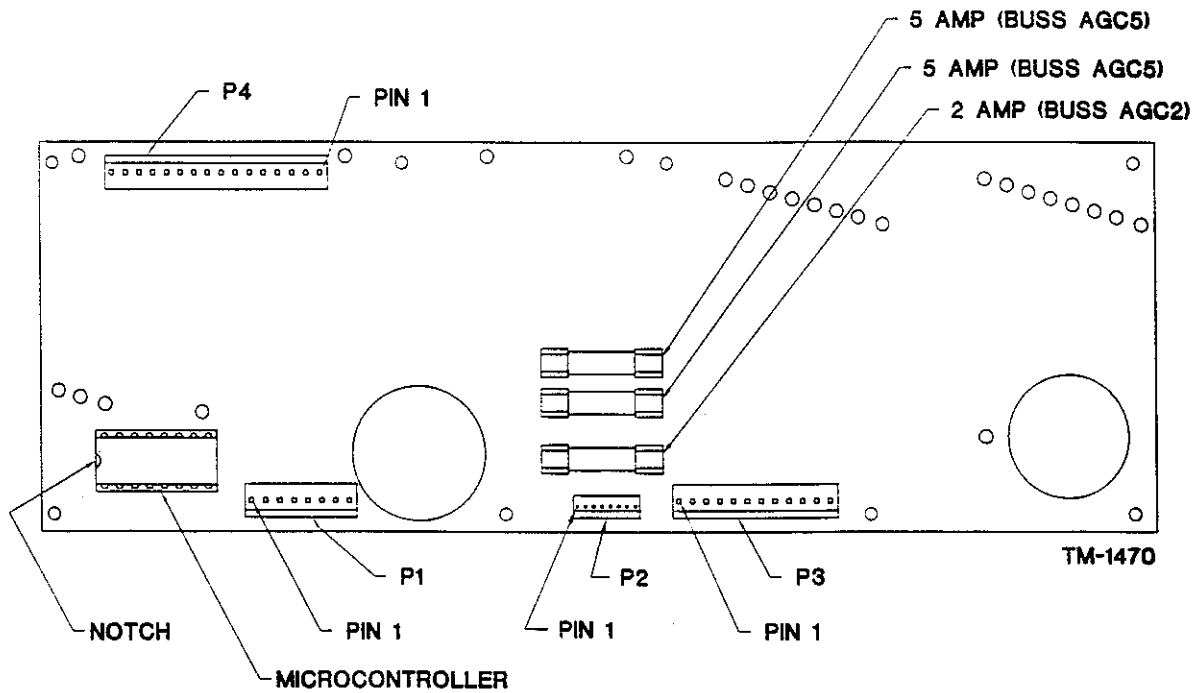


# DURASCRUB SYSTEM CIRCUIT BOARD CONNECTIONS



## CONNECTOR P1

- PIN 1 TANK PROBE 1 (-), NO.57
- PIN 2 TANK PROBE 2 (+), NO.58
- PIN 3 BRUSH UP SWITCH (-), NO.17
- PIN 4 BRUSH UP SWITCH (+), NO.18
- PIN 5 BRUSH DOWN SWITCH (-), NO.23
- PIN 6 BRUSH DOWN SWITCH (+), NO.22
- PIN 7 ON/OFF HANDLE SWITCH (-), NO.55
- PIN 8 ON/OFF HANDLE SWITCH (+), NO.56

## CONNECTOR P2 (KEYPAD)

- PIN 1 KEYPAD ROW 1  
(TOP ROW)
- PIN 2 KEYPAD ROW 2  
(BOTTOM ROW)
- PIN 3 KEYPAD COLUMN 1  
(FAR LEFT COLUMN)
- PIN 4 KEYPAD COLUMN 2  
(CENTER LEFT COLUMN)
- PIN 5 KEYPAD COLUMN 3  
(CENTER RIGHT COLUMN)
- PIN 6 KEYPAD COLUMN 4  
(FAR RIGHT COLUMN)
- PIN 7 STATIC GROUND

## CONNECTOR P3

- PIN 1 MAIN SOLENOID, NO.63
- PIN 2 NOT USED
- PIN 3 NOT USED
- PIN 4 (-) JUNCTION BAR, NO.60
- PIN 5 (-) JUNCTION BAR, NO.61
- PIN 6 (-) JUNCTION BAR, NO.62
- PIN 7 WATER PUMP (+), NO.51
- PIN 8 WATER PUMP (-), NO.52
- PIN 9 BRUSH ON/OFF SOLENOID, NO.64
- PIN 10 (-) JUNCTION BAR, NO.59
- PIN 11 BATTERY LOW INDICATOR (+), NO.4
- PIN 12 BATTERY LOW INDICATOR (-), NO.8

## CONNECTOR P4

- PIN 1 BRUSH DOWN SOLENOID (+), NO.33
- PIN 2 BRUSH DOWN SOLENOID (-), NO.32
- PIN 3 BRUSH UP SOLENOID (+), NO.25
- PIN 4 BRUSH UP SOLENOID (-), NO.20
- PIN 5 NOT USED
- PIN 6 NOT USED
- PIN 7 REMOVE SOLENOID (+), NO.47
- PIN 8 REMOVE SOLENOID (-), NO.48
- PIN 9 INSTALL SOLENOID (+), NO.43
- PIN 10 INSTALL SOLENOID (-), NO.44
- PIN 11 WATER VALVE (+), NO.49
- PIN 12 WATER VALVE (-), NO.50
- PIN 13 BRUSH ON/OFF SOLENOID (+), NO.45
- PIN 14 BRUSH ON/OFF SOLENOID (-), NO.46
- PIN 15 VAC SOLENOID (+), NO.53
- PIN 16 VAC SOLENOID (-), NO.54