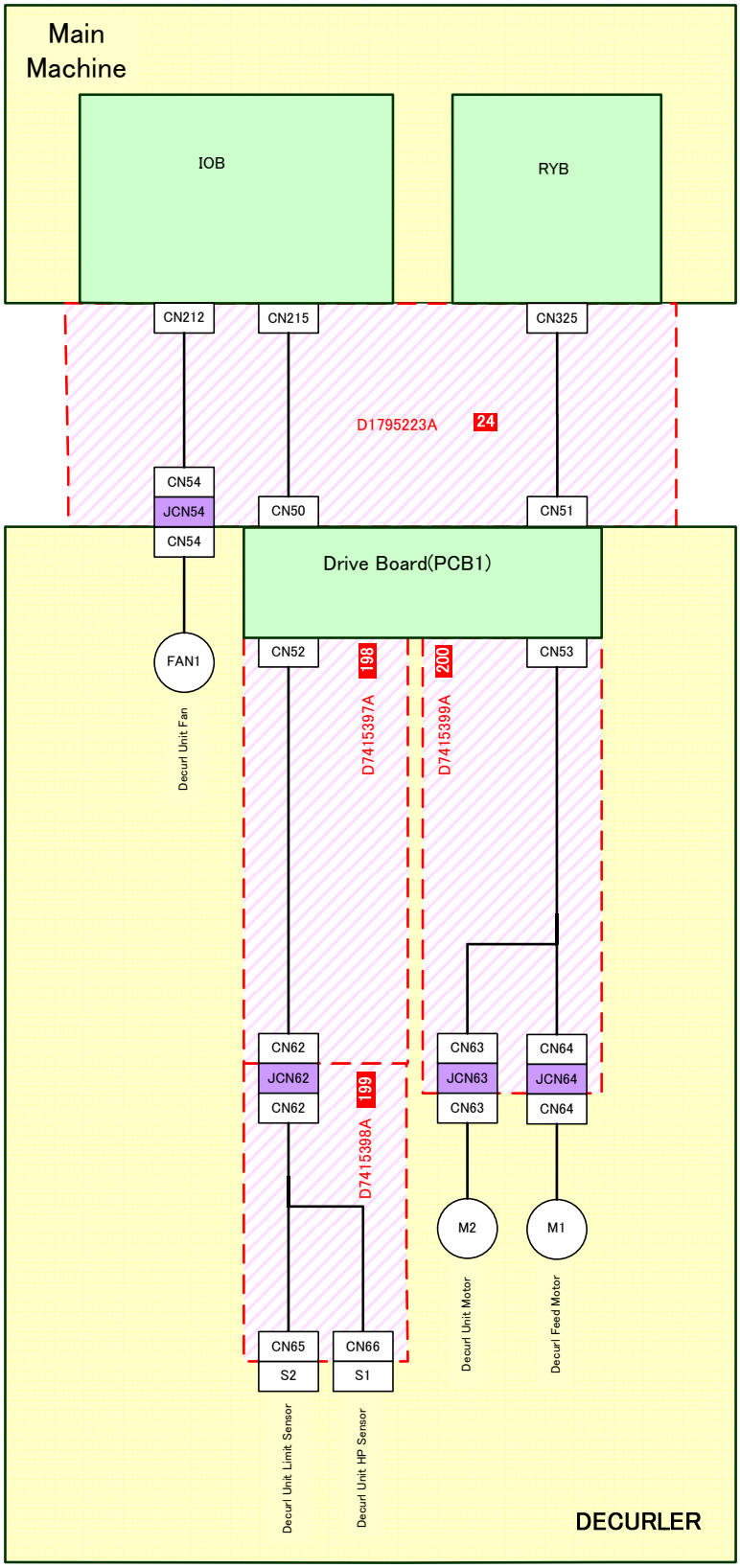
# D741 POINT TO POINT DIAGRAM

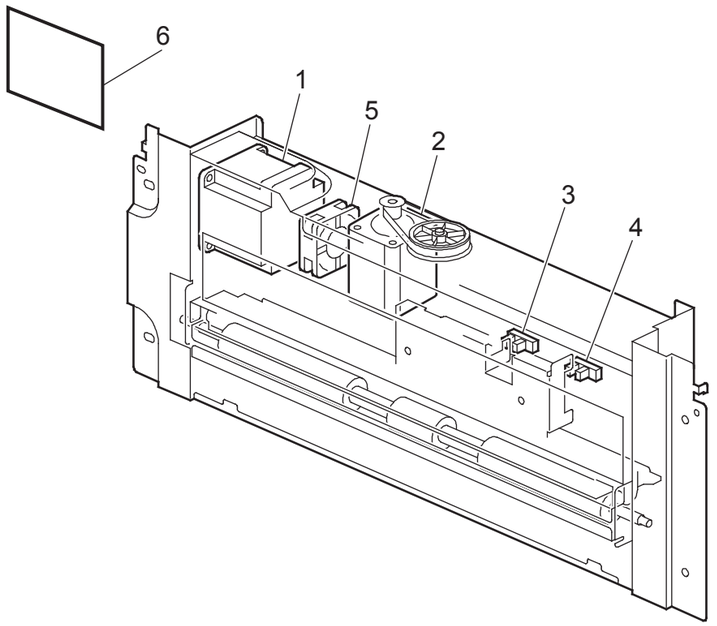


# Pin Assignment

| harness No | Connector (FROM) | | | Signal Information | | | | Connector (TO) | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | To Connector | No | Pin No | Signal Name | Direction | L | H | No | Pin No | To Connector |
| 24 | IOB | CN212 | 1 | 24V | Power | | | 3 | CN54 | Decurler Cooling Fan |
| | | | 2 | Lock Sensor | INPUT | ON | OFF | 2 | | |
| | | | 3 | Drive | OUTPUT | ON | OFF | 1 | | |
| | | | 4 | NC | | | | - | - | NC |
| | | | 5 | NC | | | | | | |
| | | | 6 | NC | | | | | | |
| 24 | IOB | CN215 | 1 | Decurler upper/under Switching Motor: Excitation switching | OUTPUT | 2 Phase Excitation | 1-2 Phase Excitation | 19 | CN50 | Decurler Lift Motor |
| | | | 2 | Decurler upper/under Switching Motor:ERR | INPUT | Normal | Trouble | 18 | | |
| | | | 3 | Decurler upper/under Switching Motor: Current switching | OUTPUT | ON | OFF | 17 | | |
| | | | 4 | Decurler upper/under Switching Motor:Forward/Reverse | OUTPUT | CW | CCW | 16 | | |
| | | | 5 | Decurler upper/under Switching Motor:CLK | OUTPUT | | | 15 | | |
| | | | 6 | Decurler upper/under Switching Motor:Enable | OUTPUT | Normal | Sleep | 14 | | |
| | | | 7 | Decurler Transport Motor:ERR | INPUT | Normal | Trouble | 13 | | Decurler Transport Motor |
| | | | 8 | Decurler Transport Motor:Current switching | OUTPUT | ON | OFF | 12 | | |
| | | | 9 | Decurler Transport Motor:Forward/Reverse | OUTPUT | CW | CCW | 11 | | |
| | | | 10 | Decurler Transport Motor:CLK | OUTPUT | | | 10 | | |
| | | | 11 | Decurler Transport Motor:Enable | OUTPUT | Normal | Sleep | 9 | | |
| | | | 12 | Decurler Transport Motor_MODE | OUTPUT | 2 Phase Excitation | 1-2 Phase Excitation | 8 | | |
| | | | 13 | Decurler Set Sensor | INPUT | Set | Not Set | 7 | | Decurler Set Sensor |
| | | | 14 | Decurler Over-limit Sensor | INPUT | Normal | Over-limit | 6 | | Decurler Over-limit Sensor |
| | | | 15 | Decurler HP Sensor | INPUT | | Decurler HP | 5 | | Decurler HP Sensor |
| | | | 16 | DDRB:GND | Ground | | | 4 | | DDRB |
| | | | 17 | DDRB:Motor Reset | OUTPUT | OFF | ON | 3 | | |
| | | | 18 | DDRB:GND | Ground | | | 2 | | |
| | | | 19 | DDRB:5V | Power | | | 1 | | |
| | RYB | CN325 | 1 | DDRB:+24VS_Z3R | Power | | | 1 | CN51 | DDRB |
| | | | 2 | DDRB:GND | Ground | | | 2 | | |
| 198 | DDRB | CN52 | 1 | GND | Ground | | | 8 | CN62 | Set Sensor |
| | | | 2 | GND | Ground | | | 7 | | Decurler HP Sensor |
| | | | 3 | DECU_HP_SNS_I | INPUT | | HP | 6 | | |
| | | | 4 | +5V_F | Power | | | 5 | | |
| | | | 5 | GND | Ground | | | 4 | | Decurler Limit Sensor |
| | | | 6 | DECU_OVR_SNS_I | INPUT | Normal | Over-limit | 3 | | |
| | | | 7 | +5V_F | Power | | | 2 | | |
| | | | 8 | DECU_SET_I | INPUT | Set | Not Set | 1 | | Set Sensor |
| 199 | DDRB: Relay | CN62 | 1 | DECU_SET_I | | | | 8 | CN62 | Set Sensor |
| | | | 2 | GND | | | | 3 | CN66 | Decurler HP Sensor |
| | | | 3 | DECU_HP_SNS_I | | | | 2 | | |
| | | | 4 | +5V_F | | | | 1 | | |
| | | | 5 | GND | | | | 3 | CN65 | Decurler Limit Sensor |
| | | | 6 | DECU_OVR_SNS_I | | | | 2 | | |
| | | | 7 | +5V_F | | | | 1 | | |
| 200 | DDRB | CN53 | 1 | +24VS_Z3R_1st Tray | Power | | | 5 | CN64 | Decurler Transport Motor |
| | | | 2 | DEC_HNS_STM_A | OUTPUT | | | 6 | | |
| | | | 3 | DEC_HNS_STM_-A | OUTPUT | | | 4 | | |
| | | | 4 | +24VS_Z3R_1st Tray | Power | | | 2 | | |
| | | | 5 | DEC_HNS_STM_B | OUTPUT | | | 3 | | |
| | | | 6 | DEC_HNS_STM_-B | OUTPUT | | | 1 | | |
| | | | 7 | +24VS_Z3R_2nd Tray | Power | | | 6 | CN63 | Decurler Lift Motor |
| | | | 8 | DEC_UD_STM_A | OUTPUT | | | 5 | | |
| | | | 9 | DEC_UD_STM_-A | OUTPUT | | | 4 | | |
| | | | 10 | +24VS_Z3R_2nd Tray | Power | | | 3 | | |
| | | | 11 | DEC_UD_STM_B | OUTPUT | | | 2 | | |
| | | | 12 | DEC_UD_STM_-B | OUTPUT | | | 1 | | |
| | | | 2 | - | | | | 2 | - | NC |
| | | | 3 | - | | | | 3 | | |
| | | | 4 | - | | | | 4 | | |
| | | | 5 | - | | | | 5 | | |

# D741 ELECTRICAL COMPONENT LAYOUT

**Fig.-1**




D1799174_2.WMF

| Symbol | Index No. | Description | P to P |
|---|---|---|---|
| **Sensors** | | | |
| S1 | 3 | Decurl Unit HP Sensor | G6 |
| S2 | 4 | Decurl Unit Limit Sensor | G5 |
| **Motors** | | | |
| M1 | 1 | Decurl Feed Motor | F7 |
| M2 | 2 | Decurl Unit Motor | F6 |
| **Fan** | | | |
| FAN1 | 5 | Decurl Unit Fan | D4 |
| **PCB** | | | |
| PCB1 | 6 | Drive Board | C6 |