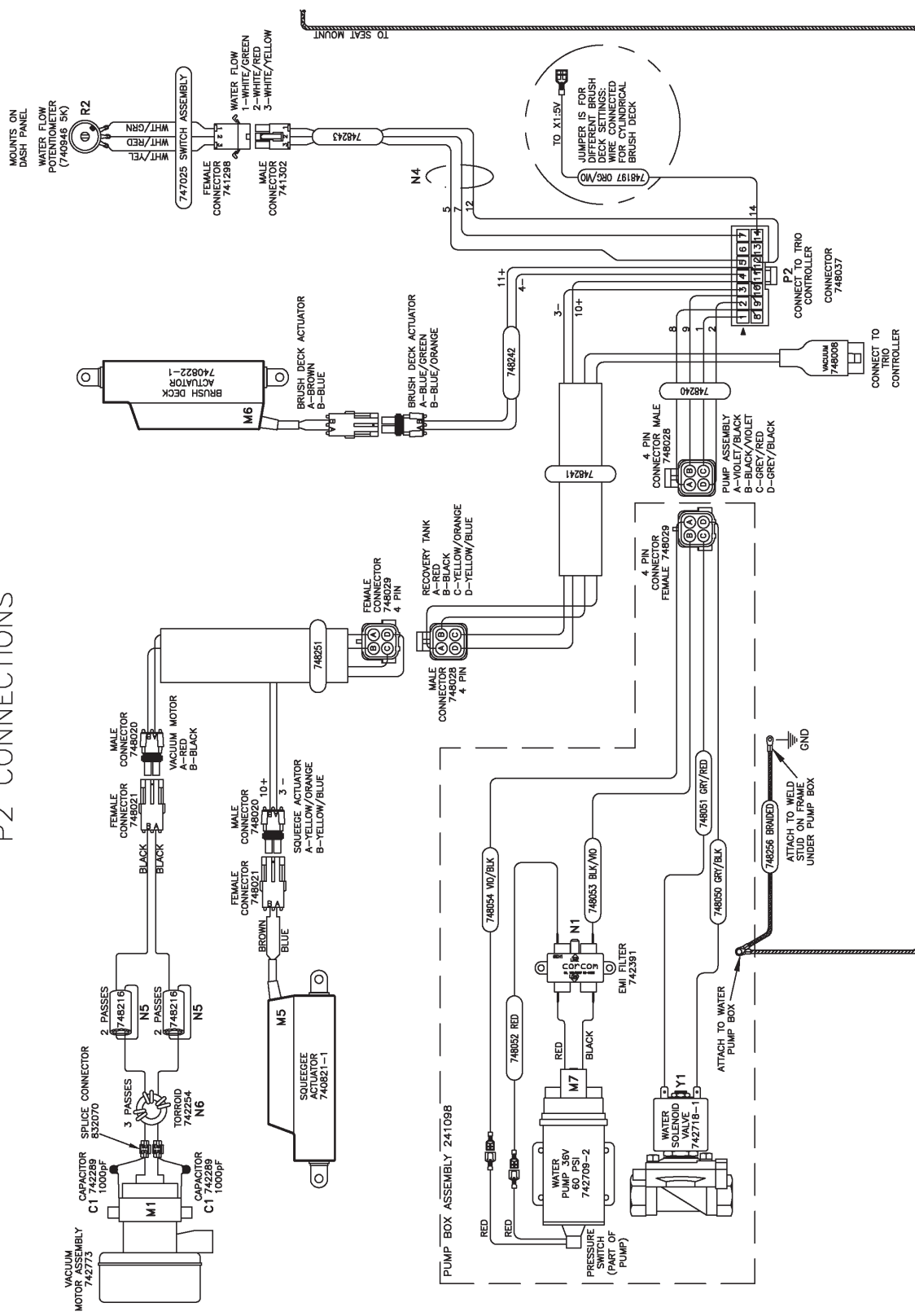






P2 CONNECTIONS





## KEY SWITCH

PIN #	HARNESS COLOR	FUNCTION
1	RED/VIOLET	POSITIVE TO LEDS
2	RED/VIOLET	E-STOP-TRIO KSI P3:18
3	RED/WHITE	+V FROM TRIO P3:8
4	EMPTY	-

## MODE SELECTOR SWITCH

SWT #	PIN #	COLOR	FUNCTION
1	1	YELLOW/BLACK	HEAVY SCRUB
2	2	YELLOW/RED	LIGHT SCRUB
3	3	YELLOW/GREY	DOUBLE SCRUB
4	4	YELLOW/WHITE	VACUUM ONLY
5	5	YELLOW	TRANSPORT
C	6	RED/BLACK	SWITCH REF 5V

## BATTERY GAUGE: BDI

PIN #	COLOR	FUNCTION
1	RED/VIOLET	SWITCHED 36VDC:P3-18
2	RED/YELLOW	SIGNAL: P3-6
3	BLACK/RED	SIGNAL REF 0V
4	GREEN	ESD DISCHARGE/GND

## DIRECTION SWITCH

PIN #	COLOR	FUNCTION
1	VIOLET/YELLOW	REVERSE
2	RED/BLACK	HIGH SWITCH REF 5VDC
3	EMPTY	-
4	RED/VIOLET	REVERSE LED
5	RED/VIOLET	KEY SWITCH ON
6	RED/VIOLET	FORWARD LED

## MISCELLANEOUS

COLOR	FUNCTION
RED	BATTERY 36VDC
BLACK	BATTERY 0VDC
RED/BLACK	HIGH SWITCH REF 5VDC
BLACK/RED	LOW SWITCH REF 0V
BLUE/YELLOW	HORN
ORANGE/VIOLET	DECK TYPE SELECT:CONNECT FOR CYLINDRICAL
GREEN	ESD GROUND

## P2: TRIO CONNECTOR

PIN #	COLOR	FUNCTION
1	GREY/RED	WATER SOLENOID VALVE
2	GREY/BLACK	WATER SOLENOID VALVE
3	YELLOW/ORANGE	SQUEEGE ACTUATOR
4	BLUE/GREEN	BRUSH ACTUATOR
5	WHITE/YELLOW	WATER FLOW POTENTIOMETER (SLOW)
6	-	-
7	WHITE/RED	WATER FLOW POTENTIOMETER (WIPER)
8	VIOLET/BLACK	WATER PUMP
9	BLACK/VIOLET	WATER PUMP
10	YELLOW/BLUE	SQUEEGE ACTUATOR
11	BLUE/ORANGE	BRUSH ACTUATOR
12	WHITE/GREEN	WATER FLOW POTENTIOMETER (FAST)
13	-	-
14	ORANGE/VIOLET	BRUSH DECK PRESSURE SET

## P3: TRIO CONNECTOR

PIN #	COLOR	FUNCTION
1	YELLOW/RED	5 MODE SWITCH: LIGHT SCRUB
2	YELLOW/BLACK	5 MODE SWITCH: HEAVY SCRUB
3	YELLOW	5 MODE SWITCH: TRANSPORT
4	-	-
5	BLUE/WHITE	DECK RAISE/LOWER SWITCH
6	RED/YELLOW	BATTERY GAUGE SIGNAL
7	GREY/YELLOW	HOURLY METER
8	RED/WHITE	ON/OFF REF (B+)
9	BLACK/ORANGE	SPEED POTENTIOMETER (SLOW)
10	BLACK/PINK	SPEED POT./SEAT SAFETY SWITCH
11	YELLOW/WHITE	5 MODE SWITCH: VACUUM ONLY
12	YELLOW/GREY	5 MODE SWITCH: DOUBLE SCRUB
13	VIOLET/YELLOW	REVERSE SWITCH
14	BROWN/GREEN	SOLUTION TANK EMPTY FLOAT SWITCH
15	WHITE/BLUE	OFF AISLE WAND
16	RED/BLACK	HIGH SWITCH REF 5VDC
17	BROWN/BLACK	BACK UP ALARM
18	RED/VIOLET	ON/OFF INPUT-KEY SWITCH
19	BLACK/RED	LOW SWITCH REF 0VDC
20	BLACK/WHITE	SPEED POTENTIOMETER (FAST)