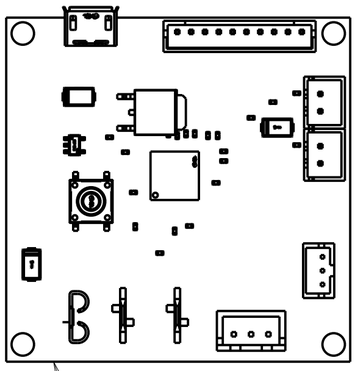
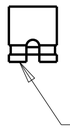
KIT CONTENTS: (4-20)A COMPONENTS



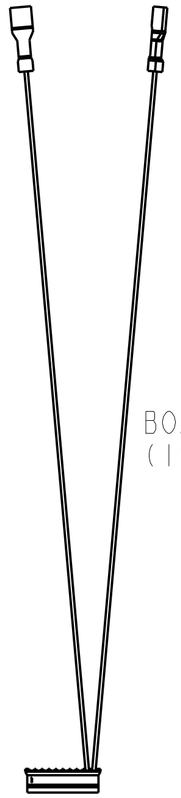
CONTROL BOARD



SHUNT 2.54mm



SHUNT 2.0mm



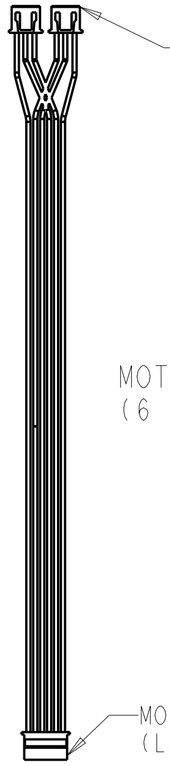
BOARD HARNESS
(10) PIN 260



PCB
CONNECTOR

MOTOR HARNESS
(6 PIN) 160

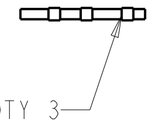
MOTOR
CONNECTOR
(SMALL)



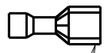
PCB CONNECTOR

MOTOR HARNESS
(6 PIN) 180

MOTOR CONNECTOR
(LARGE)



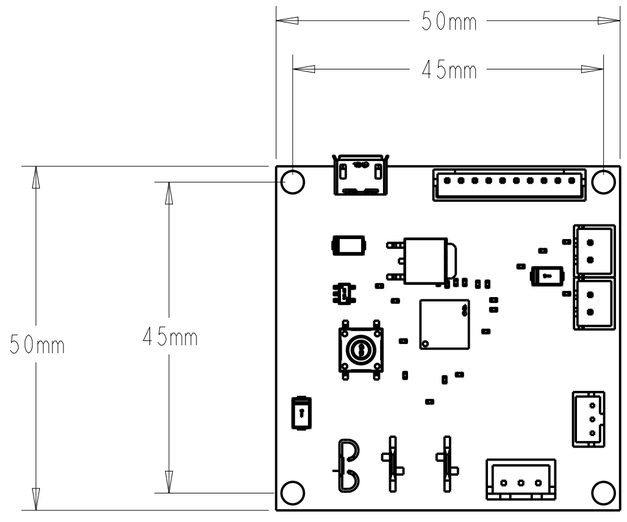
QTY 3
SPLICE CONNECTOR

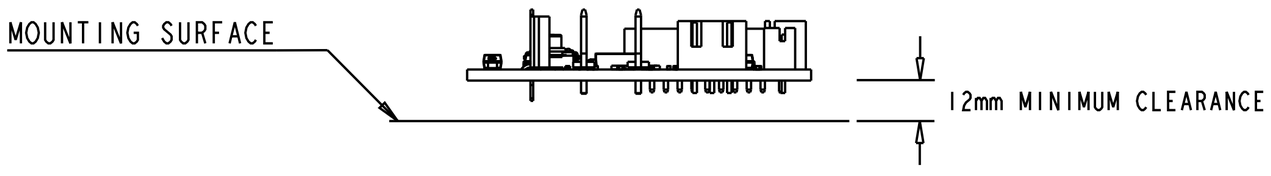


CONN QC
FEMALE

NOTE: ITEMS NOT TO SCALE.

(4-20)A BOARD MOUNTING REFERENCE DIMENSIONS

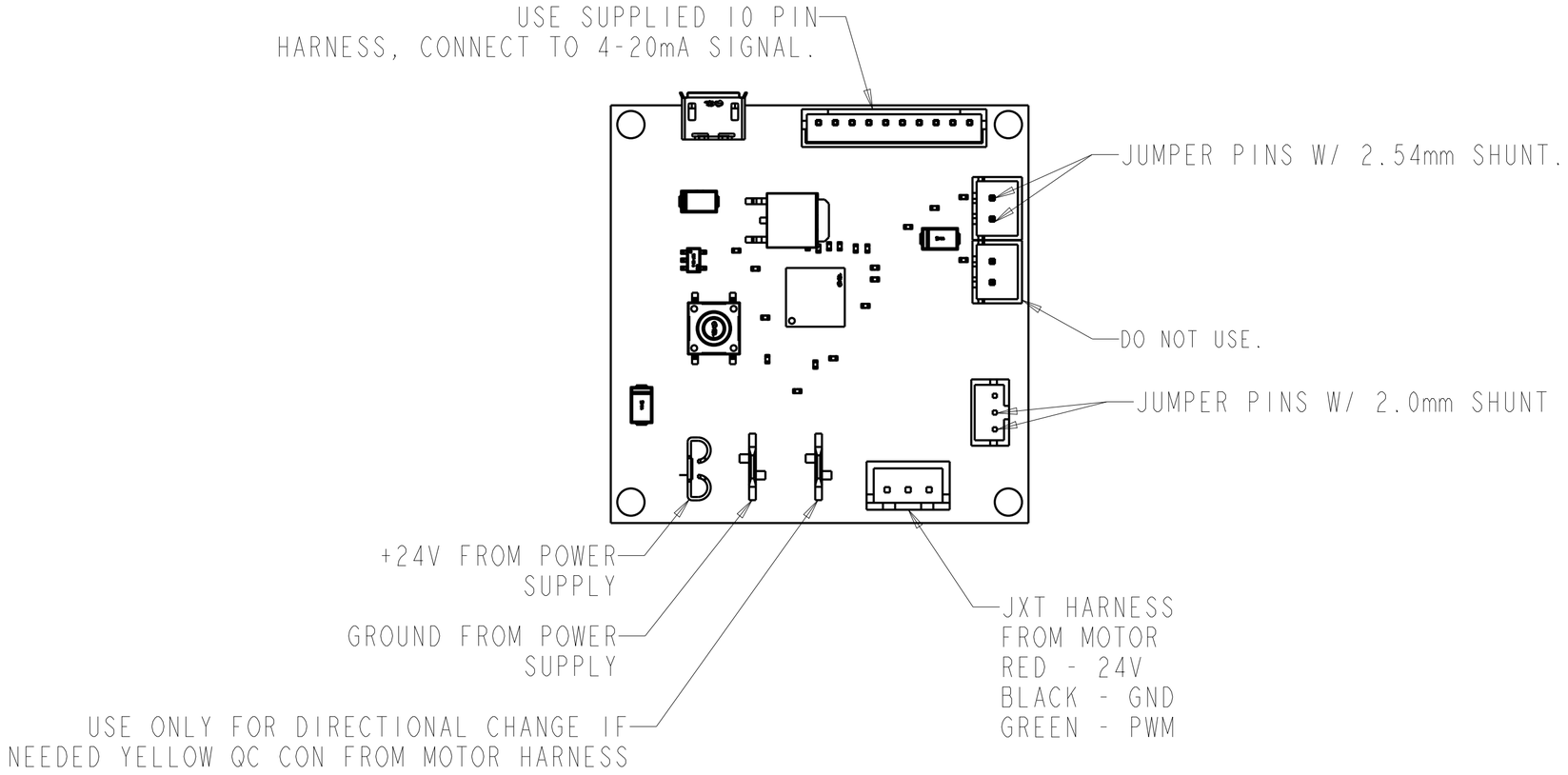




P/N: 28-025A-00-00
SHEET: 1 OF 5
REV:B

WIRING INSTRUCTIONS

NOTE: THIS BOARD CONFIGURATION
IS FOR 4-20mA SIGNAL USAGE
ONLY. BOARD WILL NOT FUNCTION
CORRECTLY UNLESS SUPPLIED.



B

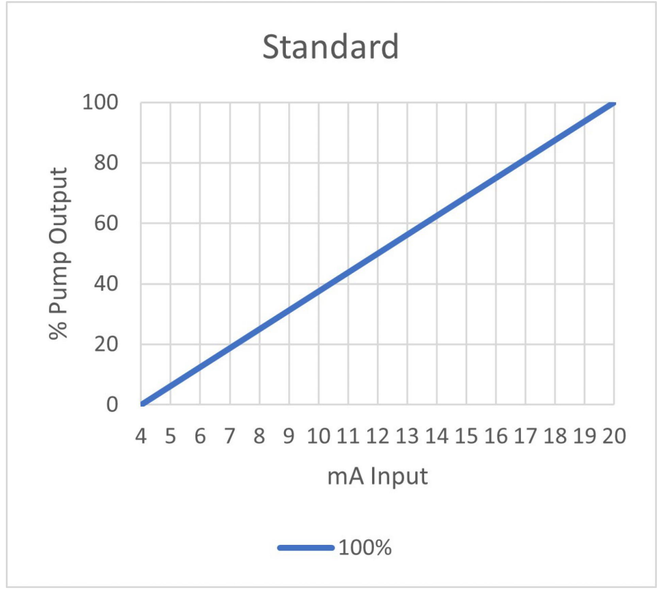
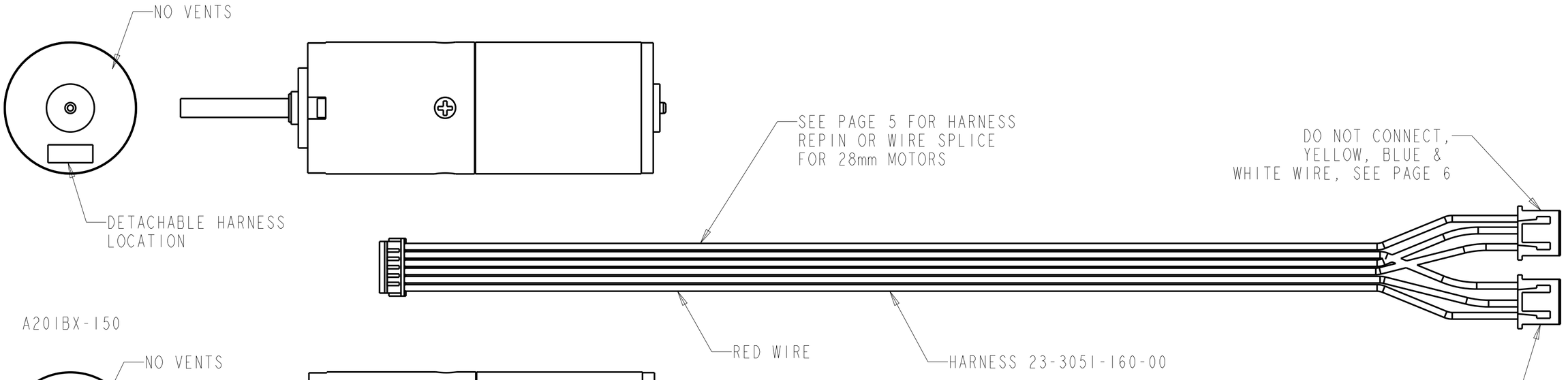


FIGURE 1

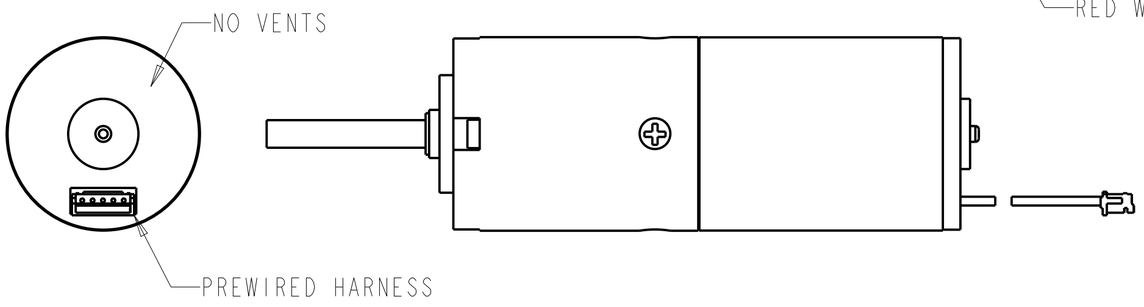
4-20mA Control- The Pump's output will vary according to the level of incomming 4-20mA Signal. See Figure 1.

NOTE: LOOP VOLTAGE NOT TO EXCEED 30VDC.

A201BX



A201BX-150

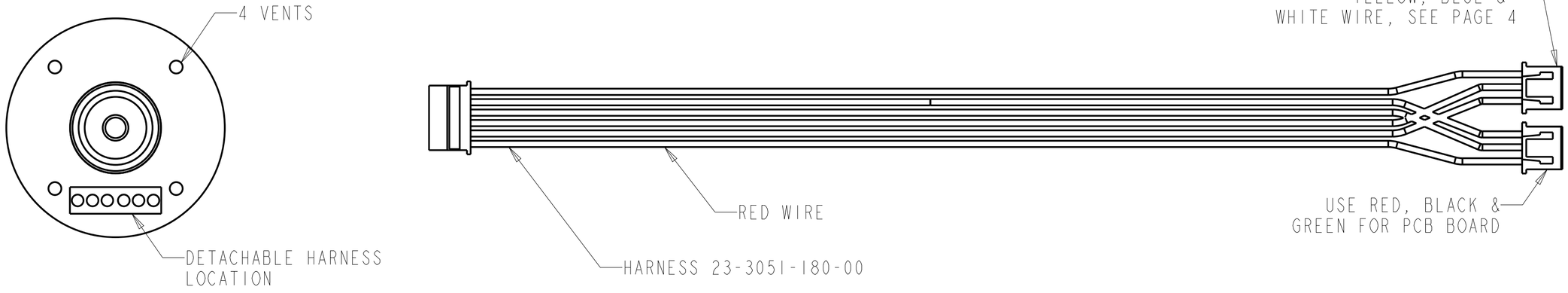


A302B, L402B WITH NEW MOTORS



A302BX L402BX A603BX

WITH DETACHABLE HARNESS

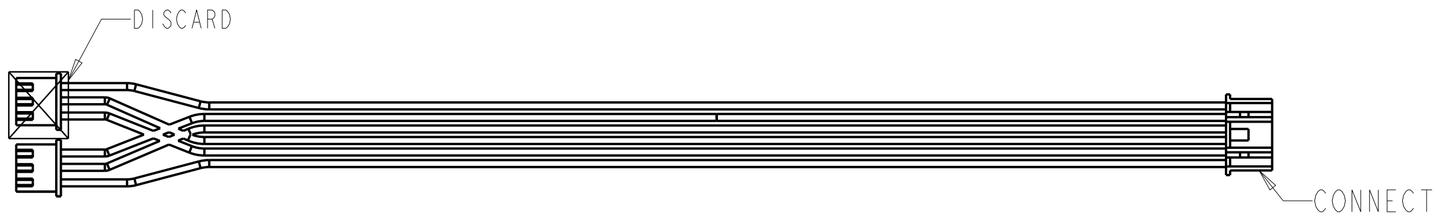


P/N: 28-025A-00-00
SHEET: 3 OF 5
REV:B



"160 HARNESS"

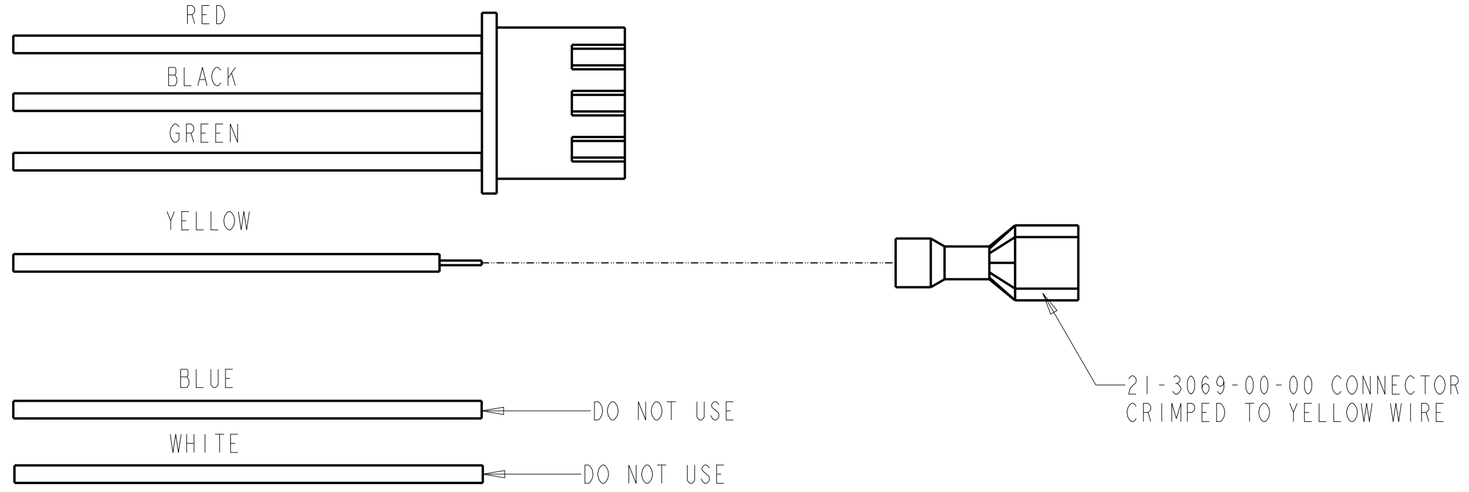
DISCARD



"180" HARNESS

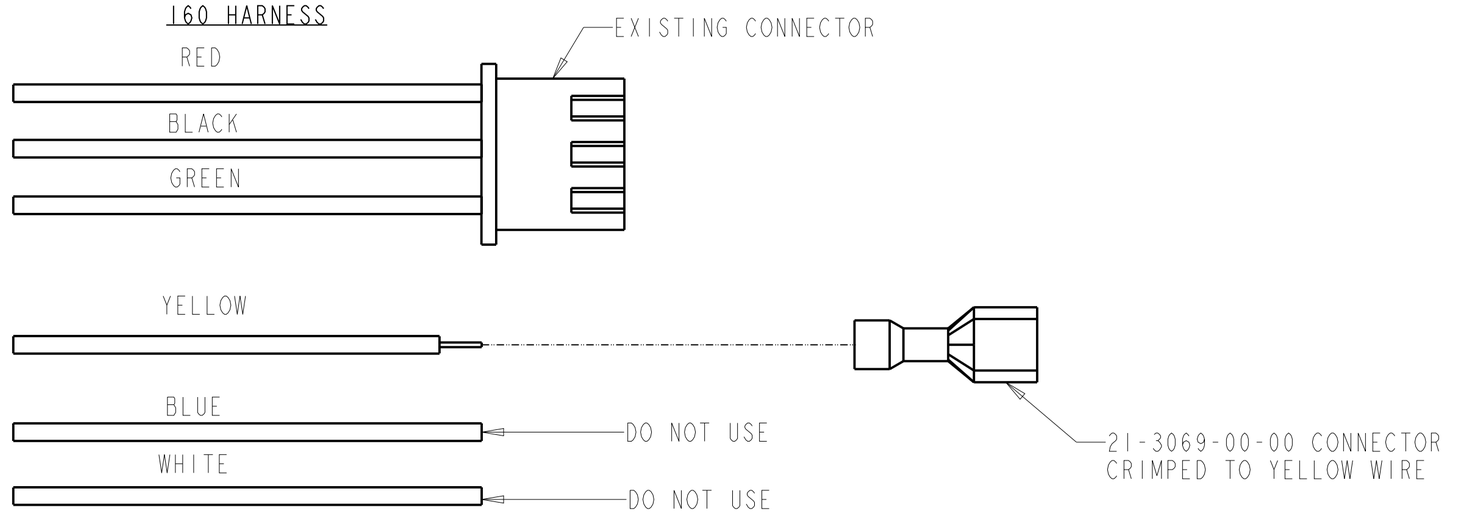
A302BX, L402BX, A603BX
(42mm Motor)

180 HARNESS



ALL OTHERS, A302B, L402B
(36mm Motor)

160 HARNESS



P/N: 28-025A-00-00
SHEET: 4 OF 5
REV:B

A201BX

HARNESS MODIFICATION

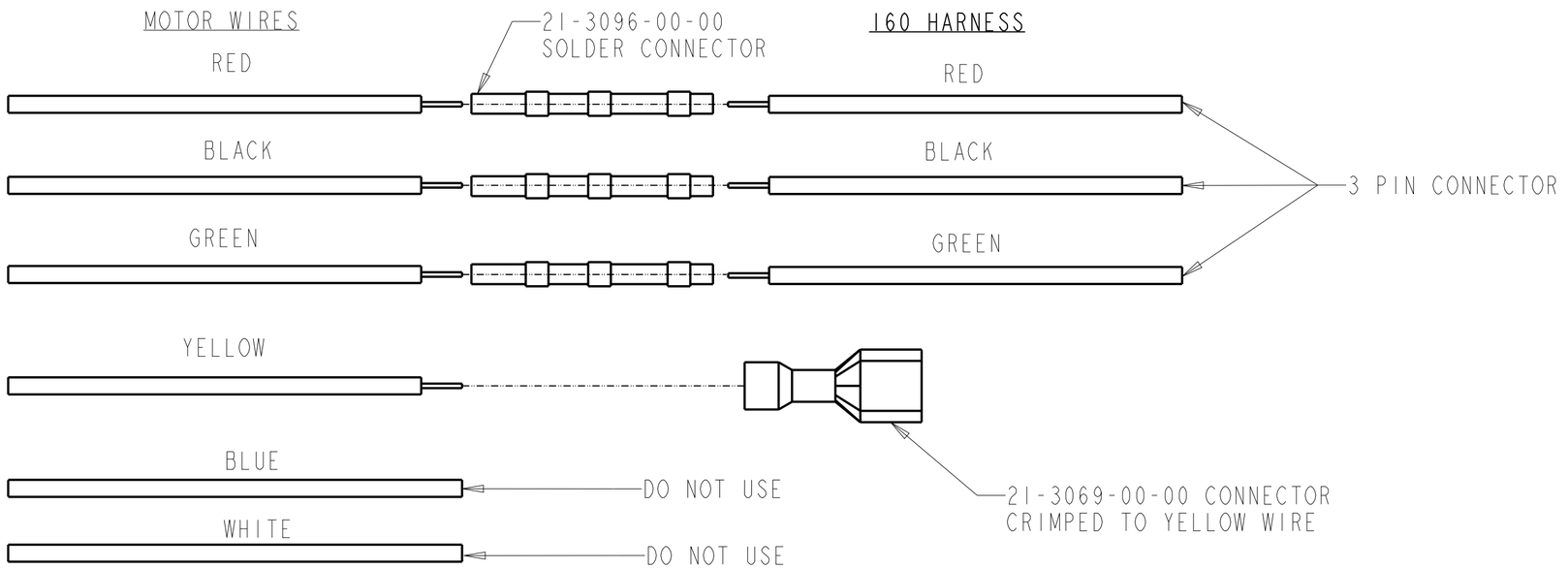
1. REMOVE THE THREE PIN CONNECTOR THAT HAS THE BLUE, YELLOW & WHITE WIRE.
2. DEPIN WHITE WIRE & BLUE WIRE FROM 6 PIN CONECTOR DISCARD.
3. DEPIN GREEN WIRE FROM 6 PIN CONNECTOR & REPIN IN PIN 4 LOCATION.
4. CRIMP CONNECTOR 21-3069-00-00 TO YELLOW WIRE AS SHOWN.



A201BX-150 - SPECIFIC

HARNESS MODIFICATION FOR PREWIRED MOTOR

1. REMOVE THE THREE PIN CONNECTOR THAT HAS THE BLUE, YELLOW & WHITE WIRE ON THE 160 HARNESS.
2. REMOVE 6 PIN CONECTOR FROM HARDWIRED MOTOR HARNESS.
3. SPLICE RED, BLACK & GREEN WIRE AS SHOWN USING THE HEAT SHRINK SOLDER JOINTS.
4. CRIMP CONNECTOR 21-3069-00-00 TO YELLOW WIRE AS SHOWN.
5. DO NOT USE BLUE & WHITE WIRE



P/N: 28-025A-00-00
SHEET: 5 OF 5
REV:B