# Denso Robotics RC8/RC8A Calset Procedure

#### \*\*Attention\*\*

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#### **Necessary Equipment**

• RC8/8A Controller with Teach Pendant

### **CALSET Operation Method:**

CALSET refers to calibration of relationship between the position data recognized by robot and actual robot position. CALSET is necessary when position date in encoder was erased after the motor was replaced, or the encoder backup batteries are dead. Executing CALSET will restore the robot calibration data in the controller. This data is referred to as CALSET data. The CALSET data varies for each robot.

#### **CAUTION:**

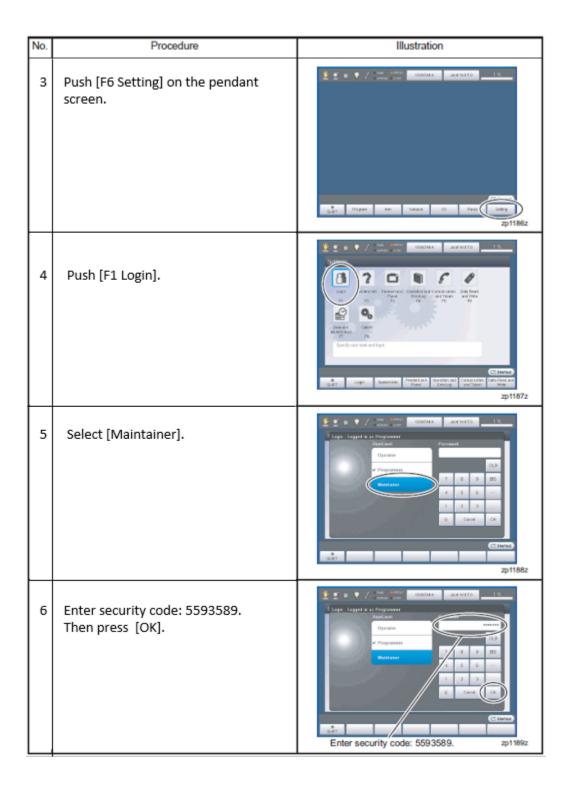
After completing CALSET, make sure, using manual operation, that the axis stops immediately before they touch the mechanical end by the software limit.

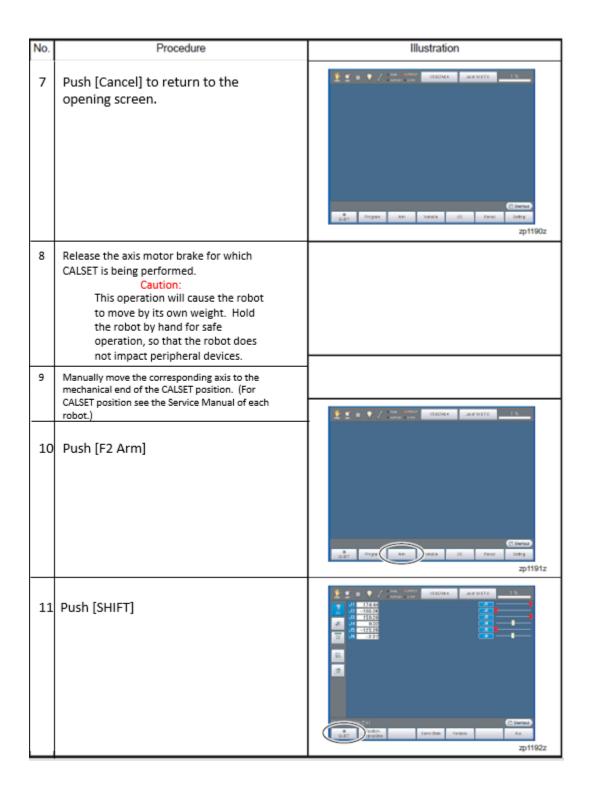


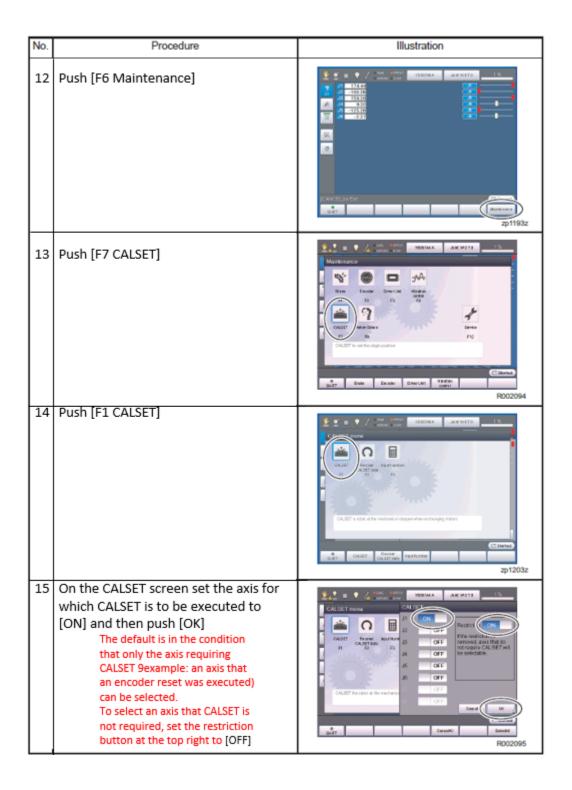
## Contents

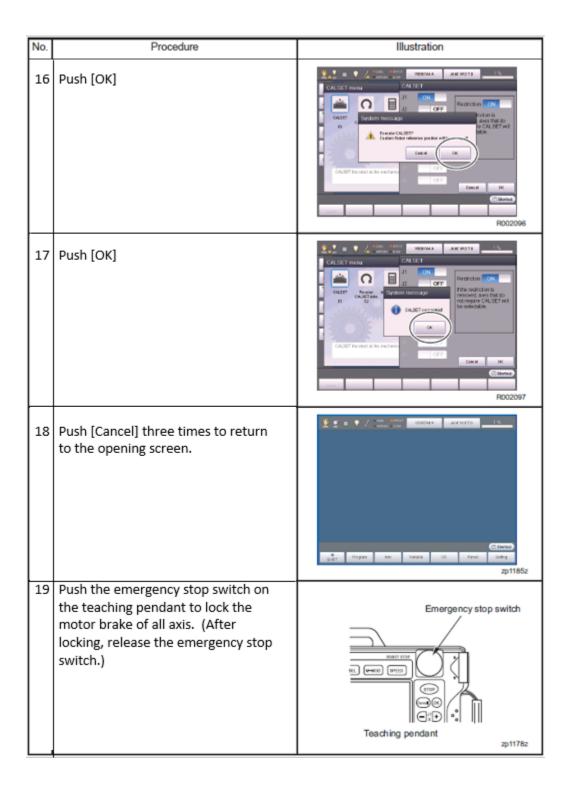
# 1. CALSET Operation Procedure

No.	Procedure	Illustration
1	Turn on the power switch on the controller.	Power switch [ON]
2	Set the mode selector switch on the teaching pendant to MANUAL.	Set to MANUAL mode  AUTO STANDARD CLOCK R-SEL M  O O O O O O O O O O O O O O O O O O









No.	Procedure	Illustration
20	Operate the axis for which CALSET has been executed at full stroke, and make sure that error of number 82204010s (software limits) appears immediately before the axis touches the mechanical end. CAUTION:  Make sure the area around the robot is safe, and then set the operation speed to 20% or less.	