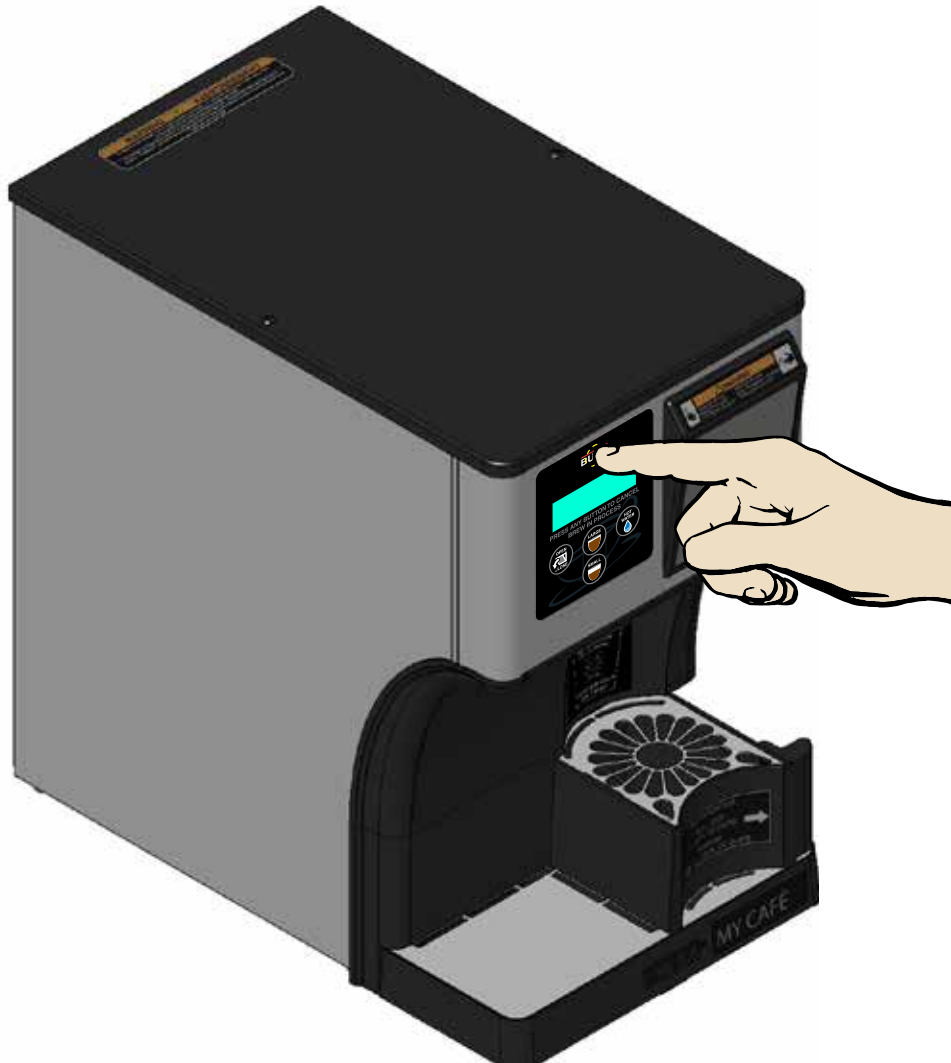

BUNN®

My Café® AP



PROGRAMMING MANUAL

BUNN-O-MATIC CORPORATION

POST OFFICE BOX 3227

SPRINGFIELD, ILLINOIS 62708-3227

PHONE: (217) 529-6601 FAX: (217) 529-6644



BUNN-O-MATIC COMMERCIAL PRODUCT WARRANTY

Bunn-O-Matic Corp. ("BUNN") warrants equipment manufactured by it as follows:

- 1) Airpots, thermal carafes, decanters, GPR servers, iced tea/coffee dispensers, MCP/MCA pod brewers thermal servers and ThermoFresh servers (mechanical and digital)- 1 year parts and 1 year labor.
- 2) All other equipment - 2 years parts and 1 year labor plus added warranties as specified below:
 - a) Electronic circuit and/or control boards - parts and labor for 3 years.
 - b) Compressors on refrigeration equipment - 5 years parts and 1 year labor.
 - c) Grinding burrs on coffee grinding equipment to grind coffee to meet original factory screen sieve analysis - parts and labor for 4 years or 40,000 pounds of coffee, whichever comes first.

These warranty periods run from the date of installation BUNN warrants that the equipment manufactured by it will be commercially free of defects in material and workmanship existing at the time of manufacture and appearing within the applicable warranty period. This warranty does not apply to any equipment, component or part that was not manufactured by BUNN or that, in BUNN's judgment, has been affected by misuse, neglect, alteration, improper installation or operation, improper maintenance or repair, non periodic cleaning and descaling, equipment failures related to poor water quality, damage or casualty. In addition, the warranty does not apply to replacement of items subject to normal use including but not limited to user replaceable parts such as seals and gaskets. This warranty is conditioned on the Buyer 1) giving BUNN prompt notice of any claim to be made under this warranty by telephone at (217) 529-6601 or by writing to Post Office Box 3227, Springfield, Illinois 62708-3227; 2) if requested by BUNN, shipping the defective equipment prepaid to an authorized BUNN service location; and 3) receiving prior authorization from BUNN that the defective equipment is under warranty.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IS IN LIEU OF ANY OTHER WARRANTY, WRITTEN OR ORAL, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF EITHER MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. The agents, dealers or employees of BUNN are not authorized to make modifications to this warranty or to make additional warranties that are binding on BUNN. Accordingly, statements by such individuals, whether oral or written, do not constitute warranties and should not be relied upon.

If BUNN determines in its sole discretion that the equipment does not conform to the warranty, BUNN, at its exclusive option while the equipment is under warranty, shall either 1) provide at no charge replacement parts and/or labor (during the applicable parts and labor warranty periods specified above) to repair the defective components, provided that this repair is done by a BUNN Authorized Service Representative; or 2) shall replace the equipment or refund the purchase price for the equipment.

THE BUYER'S REMEDY AGAINST BUNN FOR THE BREACH OF ANY OBLIGATION ARISING OUT OF THE SALE OF THIS EQUIPMENT, WHETHER DERIVED FROM WARRANTY OR OTHERWISE, SHALL BE LIMITED, AT BUNN'S SOLE OPTION AS SPECIFIED HEREIN, TO REPAIR, REPLACEMENT OR REFUND.

In no event shall BUNN be liable for any other damage or loss, including, but not limited to, lost profits, lost sales, loss of use of equipment, claims of Buyer's customers, cost of capital, cost of down time, cost of substitute equipment, facilities or services, or any other special, incidental or consequential damages.

392, AutoPOD, AXIOM, BrewLOGIC, BrewMETER, Brew Better Not Bitter, BrewWISE, BrewWIZARD, BUNN Espresso, BUNN Family Gourmet, BUNN Gourmet, BUNN Pour-O-Matic, BUNN, BUNN with the stylized red line, BUNNlink, Bunn-OMatic, Bunn-O-Matic, BUNNserve, BUNNSERVE with the stylized wrench design, Cool Froth, DBC, Dr. Brew stylized Dr. design, Dual, Easy Pour, EasyClear, EasyGard, FlavorGard, Gourmet Ice, Gourmet Juice, High Intensity, iMIX, Infusion Series, Intellisteam, My Café, Phase Brew, PowerLogic, Quality Beverage Equipment Worldwide, Respect Earth, Respect Earth with the stylized leaf and coffee cherry design, Safety-Fresh, savemycoffee.com, Scale-Pro, Silver Series, Single, Smart Funnel, Smart Hopper, SmartWAVE, Soft Heat, SplashGard, The Mark of Quality in Beverage Equipment Worldwide, ThermoFresh, Titan, trifecta, Velocity Brew, A Partner You Can Count On, Air Brew, Air Infusion, Beverage Bar Creator, Beverage Profit Calculator, Brew better, not bitter., BUNNSource, Coffee At Its Best, Cyclonic Heating System, Daypart, Digital Brewer Control, Nothing Brews Like a BUNN, Pouring Profits, Signature Series, Tea At Its Best, The Horizontal Red Line, Ultra are either trademarks or registered trademarks of Bunn-O-Matic Corporation.

CONTENTS

LOCKOUT SWITCH4
PROGRAMMING SWITCHES.....5
PROGRAMMING6

ADJUSTMENTS & PROGRAMMING

PROGRAMMING THE BREWER

The programming of the brewer is divided into two levels. Brewing adjustments are in Level 1. Service functions are accessed in Level 2.

The following function screens are in order of appearance. Each screen will have instructions on how to access, and the procedures to program the various functions of the brewer.

IMPORTANT PROGRAMMING NOTES

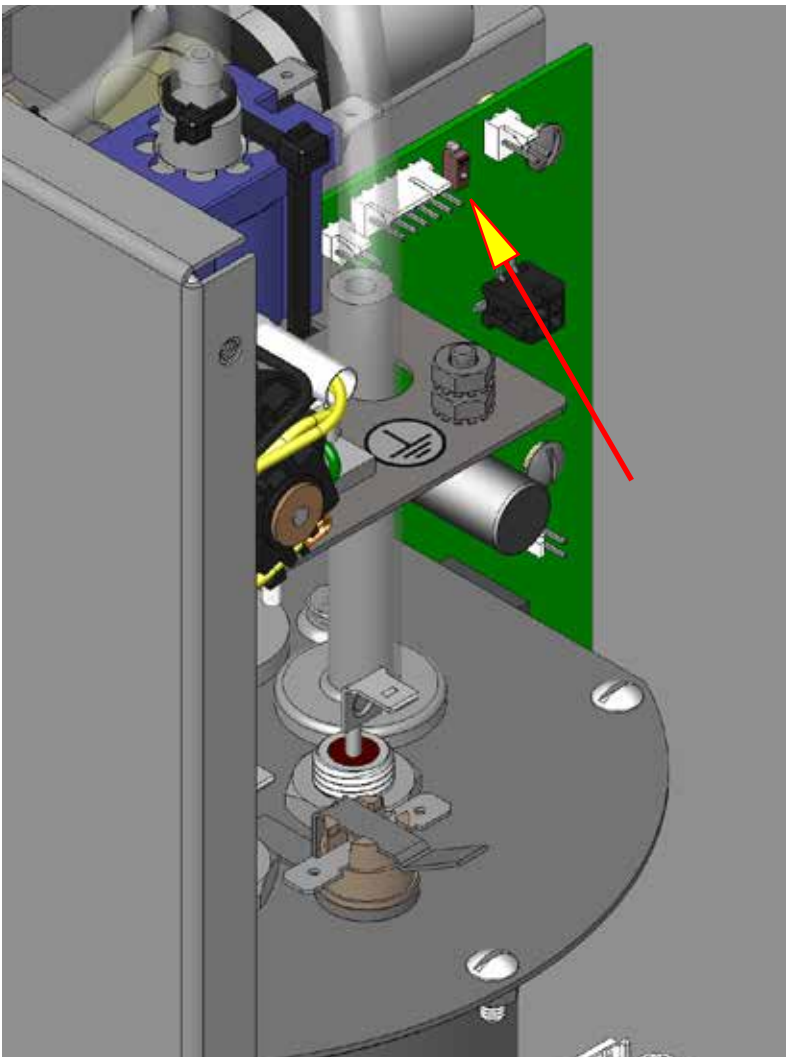
- READ CAREFULLY -

To exit the programming mode at any time, press and hold "Hidden" switch located on the front panel. The display will return to the MAIN SCREEN.

If none of the programming switches are pressed within one minute during programming, the display will return to the MAIN SCREEN.

Always remember to place an empty cup under the sprayhead when operating the brewer during the set-up of PULSE BREW, CALIBRATE FLOW and testing the brew valve in SERVICE TOOLS/TEST OUTPUTS.

PROGRAMMING LOCKOUT SWITCH



(Mounted on main control board)

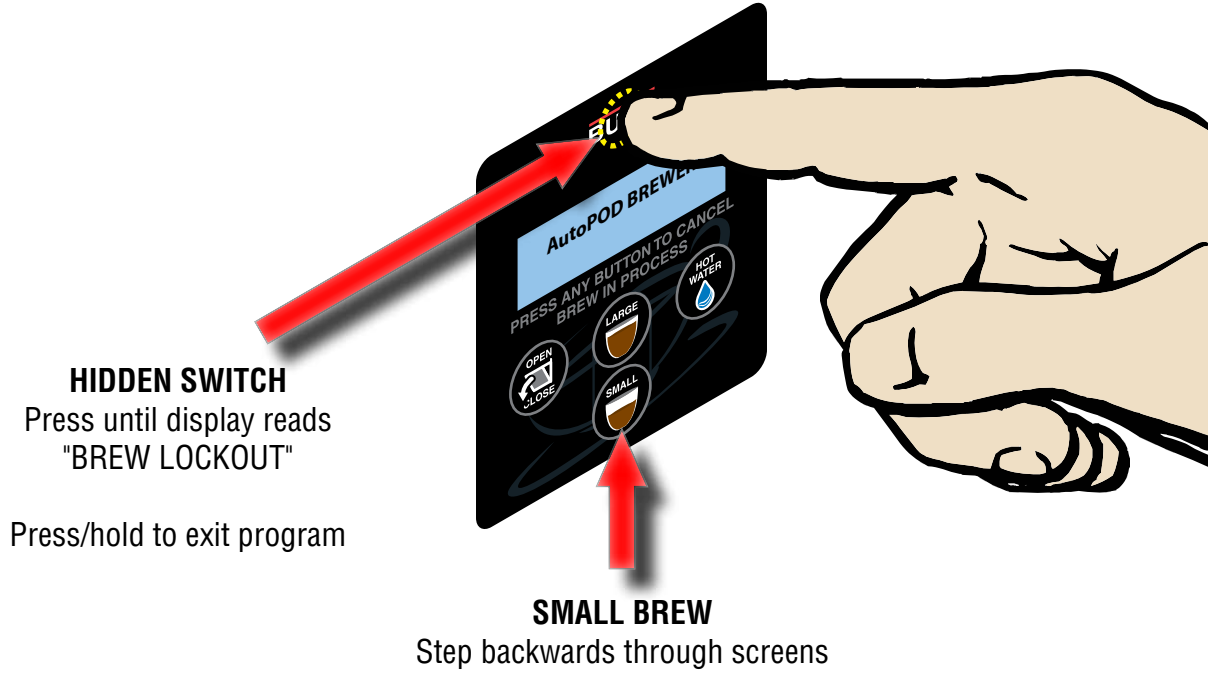
This switch can be set to prevent access to the programming settings of the brewer. Once all the correct brew settings are programmed, the operator can set the switch to the "ON" position to prohibit anyone from changing the settings. With the switch in the "ON" position, the programming menus can still be accessed to view the current settings. However, no changes will be saved.



Disconnect brewer from power source before removing any panel!

PROGRAM FUNCTIONS

MAIN SCREEN

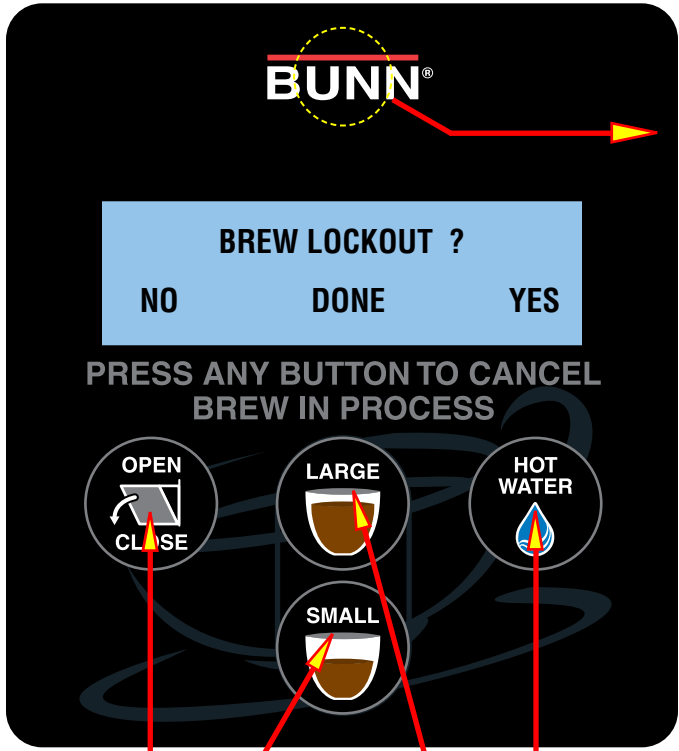


HIDDEN SWITCH
Press until display reads "BREW LOCKOUT"

Press/hold to exit program

SMALL BREW
Step backwards through screens

BREW LOCKOUT:



NEXT

Prevents brewing if the water temperature is less than the "SET READY" temperature. To access this function screen press and hold the hidden switch. Release when the display reads: "BREW LOCKOUT".

The YES or NO should be flashing. Select YES to prevent brewing if the water temperature is below the set READY temperature. Select NO to permit brewing at any water temperature.

When finished, press and release DONE. This will step to the next function screen. To return to the MAIN SCREEN at any time, press and hold the hidden switch.

PROGRAM FUNCTIONS

BREW LOCKOUT ?

NO DONE YES

BREW LOCKOUT (YES/NO)

Setting to "YES" only allows brewing at or above the "SET READY" temp screen.

BREW OZ A: 8.0

(-) DONE (+)

BREW OZ. (LARGE) (1-16)

Adjust brew volume for "LARGE" button.

BREW METER A: 2

- ■ ■ +

BREW METER (LARGE) (1-5)

Simplified pulse brew adjustment. 1=Preinfusion. 2-5=pulse brew, 2 being the shortest pulse brew cycle, 5 the longest pulse brew cycle.

BREW OZ B: 6.0

(-) DONE (+)

BREW OZ. (SMALL) (1-16)

Adjust brew volume for "SMALL" button.

BREW METER B: 1

- ■ ■ +

BREW METER (SMALL) (1-5)

Simplified pulse brew adjustment. 1=Preinfusion. 2-5=pulse brew, 2 being the shortest pulse brew cycle, 5 the longest pulse brew cycle.

ENTER SERVICE

NO DONE YES

ENTER SERVICE

Program service phone number to be displayed anytime there is a fault message.

ENTER PASSWORD

0 0 0

ENTER PASSWORD

User must enter a 3 digit number to access remainder of adjustments. If no number has been pre programmed (0 0 0), then access is allowed.

SET PASSWORD

0 0 0

SET PASSWORD (001-999)

Program any three digit number as a password.

LEVEL 2

SET LANGUAGE ?

NO YES

SET LANGUAGE

Choose between English or Spanish.

UNITS

METRIC DONE ENG

UNITS

Choose between English or metric.

SET TEMP: 200°

(-) DONE (+)

SET TEMP

Adjust tank temperature 185 to 205° F (85 to 96° C)

SET READY: 195°

(-) DONE (+)

SET READY

Sets the minimum temperature allowable to start a brew cycle. Range: (2° to 20° F) or (2° to 10° C) below the set temperature.

HOT H2O LOCKOUT ?

NO DONE YES

HOT H2o LOCKOUT

Setting to "YES" will only allow dispensing of hot water at or above the "H2o READY" temp screen.

CONTINUED

PROGRAM FUNCTIONS

H2O READY: 190°
(-) **DONE** (+)

HOT H2o READY

Sets the minimum temperature allowable to start dispensing hot water.

ENTER ASSET # ?
NO **YES**

ENTER ASSET

This function allows the you to enter in an optional asset number. This can be useful for tracking the usage or service of an individual machine within a group.

SetPulseBrew A ?
NO **DONE** **YES**

SET PULSE BREW (LARGE)

Individually adjust on/off times.

AIR TIME A: 20
(-) **DONE** (+)

AIR TIME (LARGE) (1-25)

Time the pod is purged at the end of each brew cycle.

SetPulseBrew B ?
NO **DONE** **YES**

SET PULSE BREW (SMALL)

Individually adjust on/off times.

AIR TIME B: 20
(-) **DONE** (+)

AIR TIME (SMALL) (1-25)

Time the pod is purged at the end of each brew cycle. Can be disabled if brewer is set up to dispose pods under counter.

BREWS TO EMPTY
(-) **25** (+)

BREWS TO EMPTY (OFF/15-25)

Set number of used pods in bin to turn on "EMPTY BIN" message.

Enabl EnergySavr
NO **DONE** **YES**

ENABLE ENERGY SAVER

Choose to have the tank heaters turn off, or reduce the tank temp to (140° F) or (60° C) once the "SET IDLE TIME" has expired. .5-50.0 hrs.

BREW COUNT ##
NO **YES**

BREW COUNTS

Retains the total number of brew cycles completed. There is one reset-able counter, and one life counter that is not reset-able.

CALIBRATE FLOW ?
NO **YES**

CALIBRATE FLOW

Measure and enter the actual flow rate coming out of the sprayhead.

FLOW COUNTS / 10 oz
(-) **640** (+)

Number of pulses per ounce calculated during flow calibration.

FOR REFERENCE ONLY. DO NOT MANUALLY ADJUST!

NUMBER OF EJECTS
SINGLE **DOUBLE**

You can set this to "DOUBLE" if you experience certain types of pods that do not reliably eject on single.

BREWS ON THIS SEAL
RESET **NEXT** **##**

Use this counter to check/reset the seal replacement message.

CONTINUED

PROGRAM FUNCTIONS

SERVICE TOOLS ?
NO YES

SERVICE TOOLS allows testing of load components and switches. It should **only be used by trained technicians**.

TEST OUTPUTS ?
NO YES

TEST OUTPUTS allows testing of load components by manually turning them ON/OFF. ---PLACE A 10 OUNCE CUP UNDER DISPENSE AREA---

WARNING: HOT WATER WILL DISPENSE DURING SOME TEST MODES!

INDEX B □ MOTOR
DUMP NEXT LOAD

INDEX MOTOR DUMP runs the pod holder back to the pod ejection position. LOAD moves it out to the door open position. "B □" indicates the assembly is in home position.

WaterInlet #
ON NEXT OFF

WATER INLET

Activates the water inlet valve for the brew tank, and flow meter count.

AIR PUMP
ON NEXT OFF

AIR PUMP

Activates the air pump motor for the brew tank.

VENT VALVE
ON NEXT OFF

VENT VALVE

Activates the vent solenoid for the hot water tank.

HotWaterAir PUMP
ON NEXT OFF

HOT WATER AIR PUMP

Activates the air pump motor for the hot water tank.

WATER PUMP
ON NEXT OFF

WATER PUMP

Activates the water pump motor.

TANK HEATER RELAY
ON NEXT OFF

TANK HEATER RELAY

Activates the relay on the main control board for the tank heater.

TANK HEATER TRIAC
ON NEXT OFF

TANK HEATER RELAY

Activates the triac on the main control board for the tank heater.

TEST SWITCHES ?
NO YES

TEST SWITCHES allows testing of the membrane switches.

PROGRAM SWITCH
TO EXIT

Press the hidden program switch to go back to previous screen. Pressing any other membrane switch will give corresponding readout for that switch.

CONTINUED

PROGRAM FUNCTIONS

SET REFILL		
NO	THRESHLD	YES
#	REFILL	###
(-)	DONE	(+)
FACTORY DEFAULTS		
NO	YES	
AutoPOD BREWER		
VERSION	xx.xx	

SET REFILL

Press "YES" to access the refill screen. FOR TRAINED TECHNICIANS ONLY. IMPROPER SETTINGS CAN RESULT IN OVER FLOW!

REFILL Adjust sensitivity of refill probe according to water quality. Always make sure that the # on the right is larger than the # on the left when water is contacting the tank refill probe.

FACTORY DEFAULTS

Reset all brew settings, calibrations back to factory presets. Requires following "INITIAL SETUP" procedure.

EXIT PROGRAM MODE TO MAIN SCREEN

Model:
Software version:

LEVEL 3

CAL TEMPERATURE		
NO	SENSORS?	YES
200°	CAL -->	200°
(-)	BrewTank	(+)
WATER PUMP POWER		
(-)	100	(+)
ReducedPowerLevel		
(-)	30	(+)
# BrewsSealWarng		
(-)	9950	(+)
2nd THERM FAULT		
DISABLE	ENABLE	

CALIBRATE TEMPERATURE PROBE

Press "YES" to access the calibration screen.

Insert an accurate thermometer approximately 7-8" into tank. Adjust the number on the right with +/- until it matches reading of thermometer. Press the hidden program button.

FACTORY USE ONLY DO NOT ADJUST

REDUCED POWER LEVEL

Reduce power/number only when thin/loose pods cause brewing issues.

BREW SEAL WARNING

Sets the count number for "REPLACE SEAL" message.

FACTORY USE ONLY DO NOT ADJUST