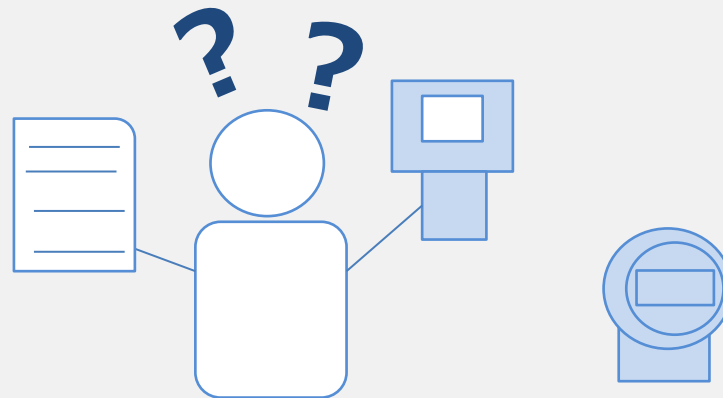
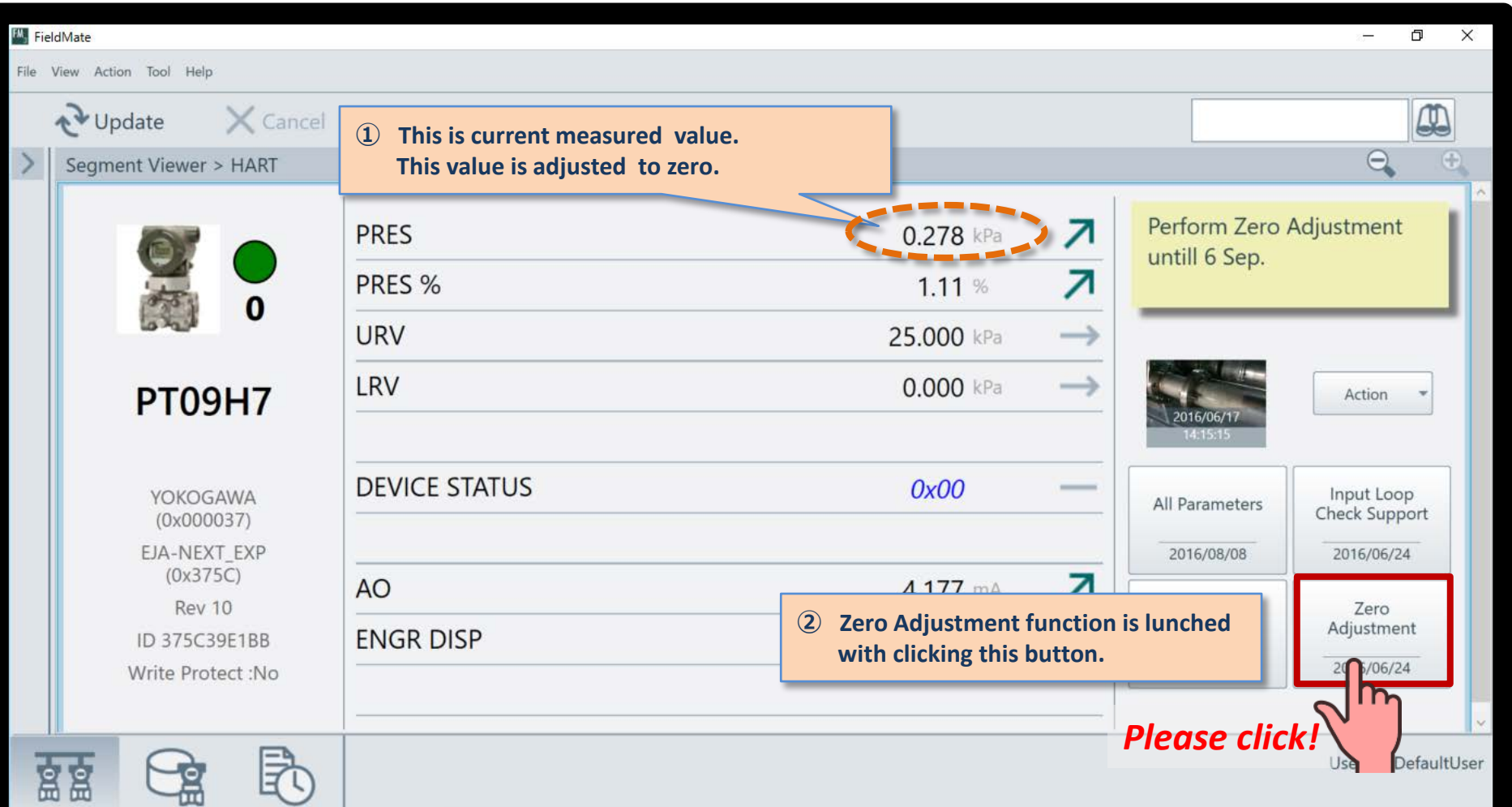


About Zero point adjustment with FieldMate

Zero point adjustment is one of frequently performed tasks in plant.
This work requires complicated operation for each device.
FieldMate provides easy operation for this task.



FieldMate connects and communicates with target device.



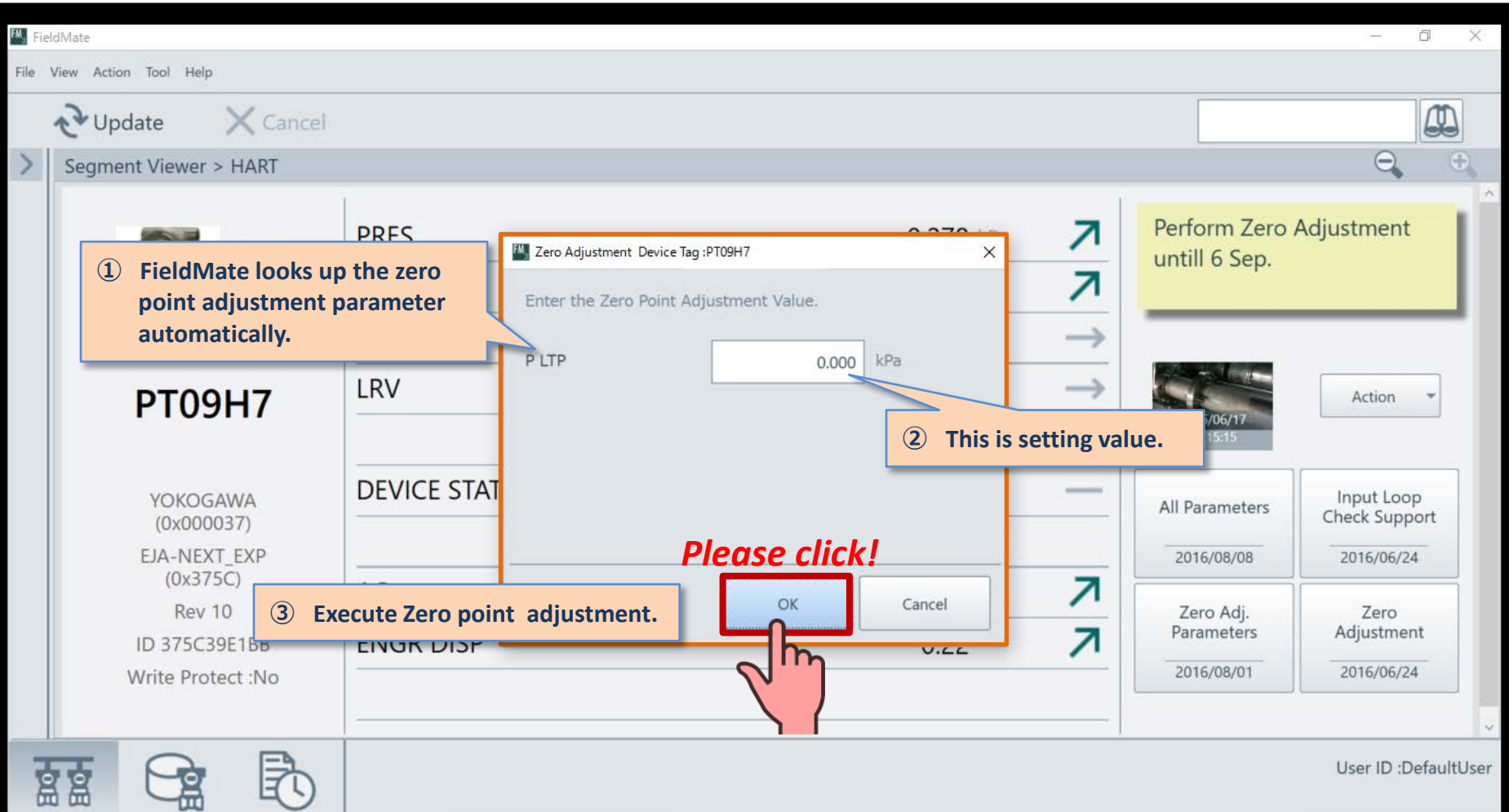
The screenshot shows the FieldMate software interface for a device named PT09H7. The interface includes a menu bar (File, View, Action, Tool, Help), a toolbar with 'Update' and 'Cancel' buttons, and a main display area. On the left, there is a device icon and a green status indicator with the number '0'. The main display area shows various parameters: PRES (0.278 kPa), PRES % (1.11 %), URV (25.000 kPa), LRV (0.000 kPa), DEVICE STATUS (0x00), AO (4.177 mA), and ENGR DISP. A yellow notification box at the top right says 'Perform Zero Adjustment until 6 Sep.'. A red box highlights the 'Zero Adjustment' button in the bottom right corner, with a hand icon pointing to it. A red text label 'Please click!' is positioned next to the hand icon. Two callout boxes provide instructions: the first points to the '0.278 kPa' value, and the second points to the 'Zero Adjustment' button.

① This is current measured value. This value is adjusted to zero.

② Zero Adjustment function is lunched with clicking this button.

Please click!

Zero adjustment function is launched.



FieldMate

File View Action Tool Help

Update Cancel

Segment Viewer > HART

PT09H7

YOKOGAWA (0x000037)

EJA-NEXT_EXP (0x375C)

Rev 10

ID 375C39E1B5

Write Protect :No

PRES

LRV

DEVICE STAT

ENGK DISP

Zero Adjustment Device Tag :PT09H7

Enter the Zero Point Adjustment Value.

P LTP 0.000 kPa

OK Cancel

Please click!

Perform Zero Adjustment until 6 Sep.

Action

All Parameters 2016/08/08

Input Loop Check Support 2016/06/24

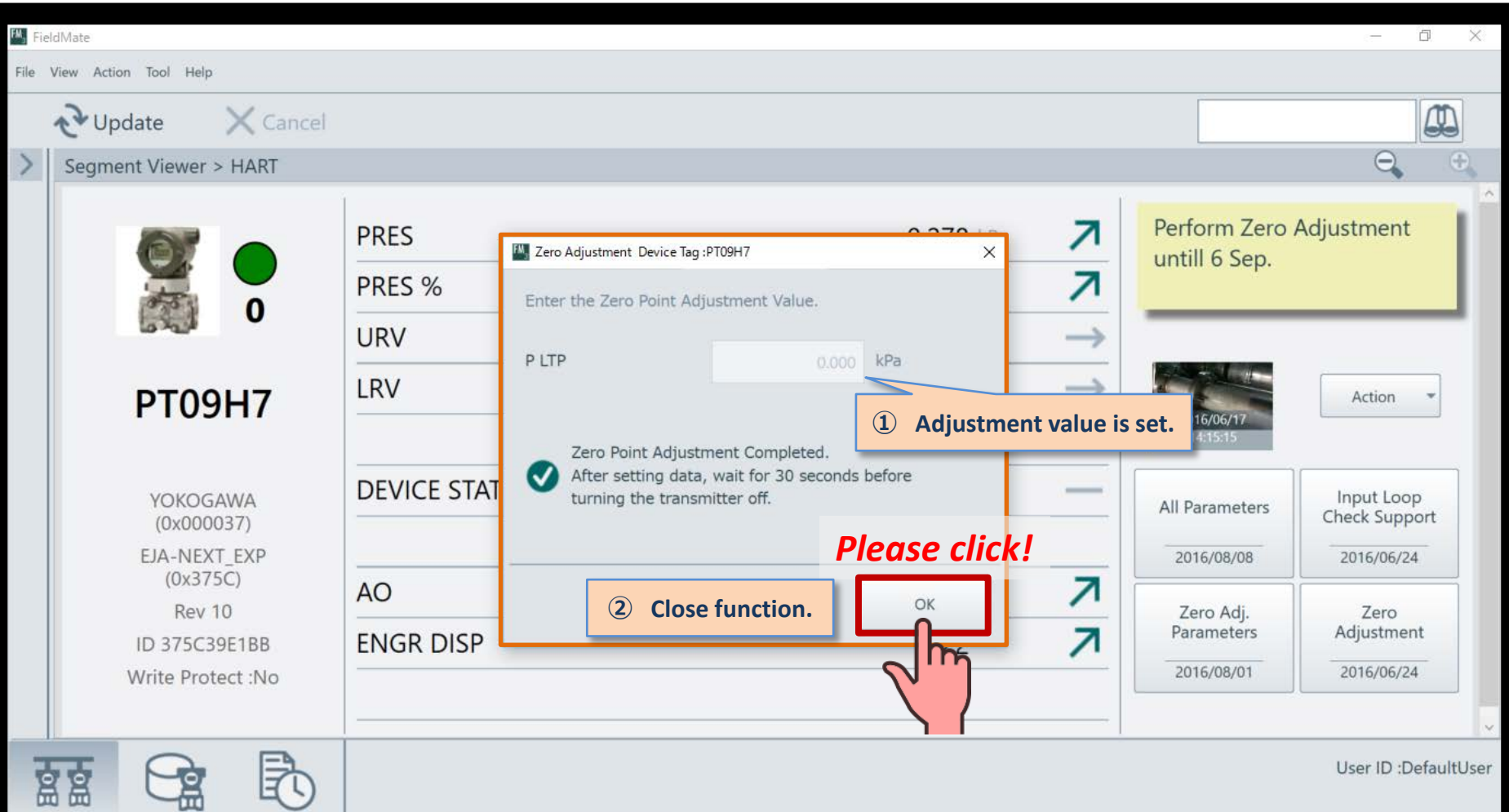
Zero Adj. Parameters 2016/08/01

Zero Adjustment 2016/06/24

User ID :DefaultUser

- ① FieldMate looks up the zero point adjustment parameter automatically.
- ② This is setting value.
- ③ Execute Zero point adjustment.

Zero point adjustment is performed.



FieldMate

File View Action Tool Help

Update Cancel

Segment Viewer > HART

PRES 0.000

PRES %

URV

LRV

PT09H7

YOKOGAWA (0x000037)

EJA-NEXT_EXP (0x375C)

Rev 10

ID 375C39E1BB

Write Protect :No

DEVICE STATUS

AO

ENGR DISP

Zero Adjustment Device Tag :PT09H7

Enter the Zero Point Adjustment Value.

P LTP 0.000 kPa

Zero Point Adjustment Completed.

After setting data, wait for 30 seconds before turning the transmitter off.

① Adjustment value is set.

Please click!

② Close function.

OK

Perform Zero Adjustment until 6 Sep.

16/06/17 4:15:15

Action

All Parameters 2016/08/08

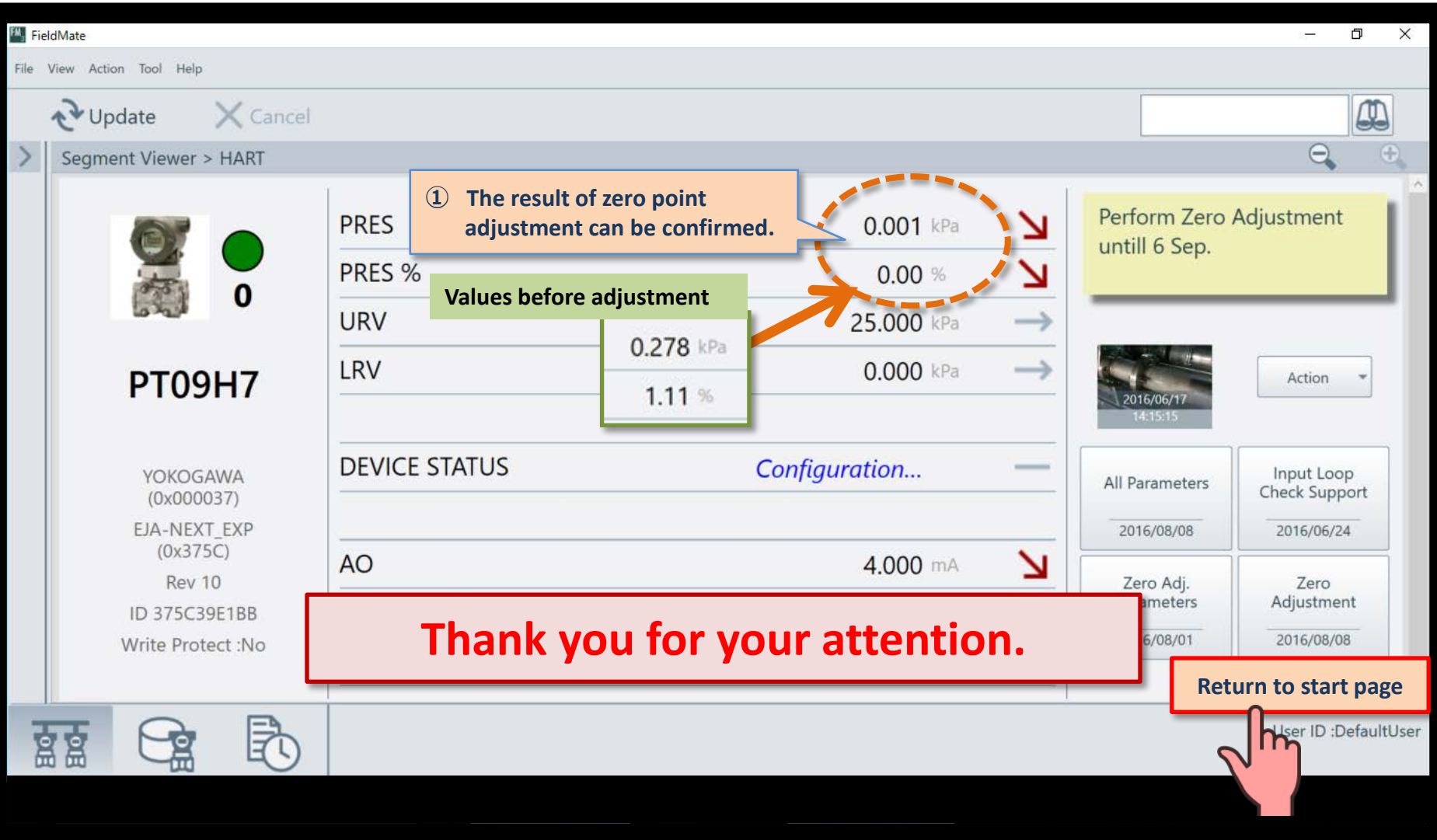
Input Loop Check Support 2016/06/24

Zero Adj. Parameters 2016/08/01

Zero Adjustment 2016/06/24

User ID :DefaultUser

Confirmation of the adjustment result




FieldMate

File View Action Tool Help

Update Cancel

Segment Viewer > HART

 0

PT09H7

YOKOGAWA (0x000037)
EJA-NEXT_EXP (0x375C)
Rev 10
ID 375C39E1BB
Write Protect :No

PRES	0.001 kPa	↘
PRES %	0.00 %	↘
URV	25.000 kPa	→
LRV	0.000 kPa	→
AO	4.000 mA	↘

Values before adjustment

0.278 kPa
1.11 %

① The result of zero point adjustment can be confirmed.

Perform Zero Adjustment until 6 Sep.

2016/06/17 14:15:15

Action

All Parameters 2016/08/08

Input Loop Check Support 2016/06/24

Zero Adj. Parameters 2016/08/01

Zero Adjustment 2016/08/08

User ID :DefaultUser

Thank you for your attention.

Return to start page