

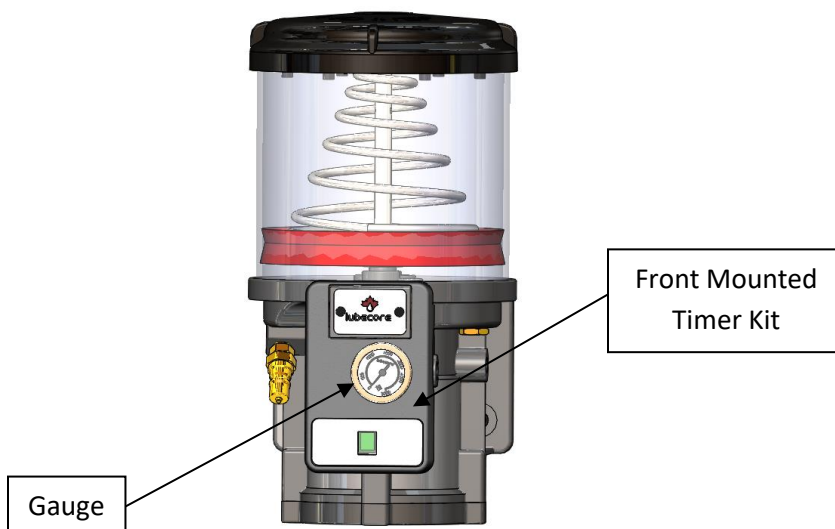


## Lubecore Technical Announcement

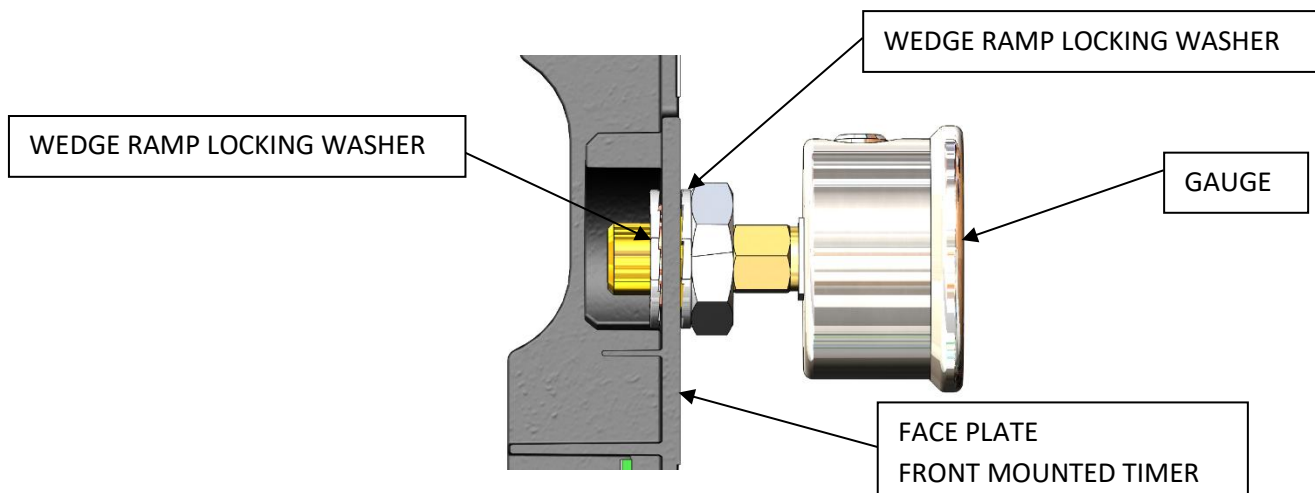
### TECHNICAL INSTRUCTION FOR THE CORRECT INSTALLATION OF WEDGE RAMP LOCKING WASHERS

Lubecore International has recently been made aware of the improper in-field installations of the Wedge Ramp Locking Washer on the Pneumatic Pump, Front mounted Timer Kit (Part Number 12.080). The problem occurs when the Wedge Ramp Locking Washers are installed separately on either side of front mounted timer face plate. Installing the washers as shown below, eliminates the locking ability that these washers are designed to provide and may result in the fastener becoming loose.

#### PNEUMATIC PUMP WITH FACE MOUNTED TIMER

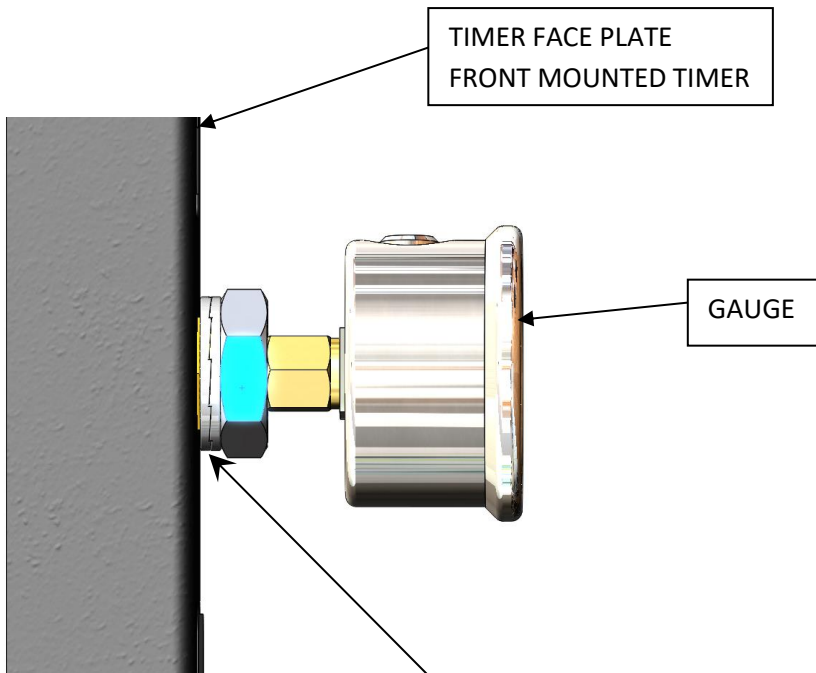


#### IMPROPER INSTALLATION OF WEDGE RAMP LOCKING WASHERS



## CORRECT INSTALLATION OF WEDGE RAMP LOCKING WASHERS

For the Wedge Ramp Locking washer to function as intended the washers must be installed in pairs between the nut and the timer face plate with the wedged cam surfaces facing each other. As shown in the image below.



TIMER FACE PLATE  
FRONT MOUNTED TIMER

GAUGE

PROPER INSTALLATION REQUIRES  
THAT WEDGE RAMP LOCKING  
WASHERS BE INSTALLED  
BETWEEN THE NUT AND THE TIMER



IMAGE ABOVE IS THE CORRECT  
ORIENTATION WHEN INSTALLING THE  
WEDGE RAMP LOCKING WASHERS, WITH  
THE WEDGED CAMS FACING EACH OTHER.

The Diagram below is a comprehensive list of all Kit Part Numbers that contain the Wedge Ramp Locking washer. If any of the kits listed below have been installed be sure to verify the washers are installed correctly as outlined in this Technical Communication.

