# **INSTRUCTION AND REPAIR MANUAL**

# MODEL 114A-115A-116A and 120B SINGLE STAGE and TWO STAGE

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# NOTE

This repair manual is applicable to pump models 114A-115A-116A and 120B single and two stage. All photos and exploded views illustrate two stage and models.

# ATTENTION: SAFETY W ARNINGS:

Read and understand all warnings before installation or servicing pump.

**OPERATIONAL LIMITS** 

# BAT N BAN

 ub/c
 ub/c

 ub/c
 u/c

 ub/c
 u/c

 1/2
 c/c

 b/c
 c/c

 1/2
 c/c

 1/2
 u/c

 1/2
 u/c

 1/2
 u/c

- A B T ANN AT B NN N

  TAN A B B NN N

  AT T B NN N

  AT T B NN N

  AT T B NN N

  AN A B B NN N

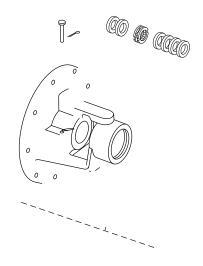
  AN A AT N

  AN A AT N

  AN A B B NN N

  AN A AT N

  AN A AT N
- , u b c, c , b, c , c , b , a , c , b , a , b (
- A N



# M I

T c c (24) ( u 1,3 5) c b . c . .

#### NT

Ass.
b su . c s s s u c
b c u l.

#### A N

4. , b , , (30) b , , ub , c , (18 , 20). •c , b , .

# **CAUTION**

- 6. A b b c (19 21) c c v u u 44.
- 7. b, c, (50) u
  u cu , b, b, (9)
  b, c, (\$0).

- 8. (7) b (7) b (1) A b ± ± u (44,45,5 2) (1)
- 9. A b b (16) u c (15) c (12) u (11) u (10).
- 10. , b , **y** , u , u , u , u , v , **y** ,

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