

Not Shown: A-2 and A-41 Cross section rotated to view oil plug. A-7 Oil Fillet Plug A-1 Operating Nut A-85 Weather Seal A-3 Hold Down Nut O-Ring A-84 Hold Down Nut A-5 Bonnet O-Ring A-6 Anti-Friction Washer A-8 Bonnet A-9 Bonnet Bolt & Nut A-10 Bonnet Flange Gasket/O-Ring A-11 Upper Stem A-12 Stem O-Rings A-13 Bonnet Bolt and Nut A-14 Pumper Nozzle A-15 Pumper Nozzle Gasket A-16 Pumper Nozzle O-Ring A-17 Pumper Nozzle Cap A-18 Hose Nozzle A-19 Hose Nozzle Gasket A-20 Hose Nozzle O-Ring A-21 Hose Nozzle Cap A-22 Cap Chain with Ring A-23 Shook A-24 Upper Barrel A-25 Safety Stem Coupling A-26 Safety Flange Bolt & Nut A-27 Safety Flange Gasket/O-Ring A-28 Safety Flange A-29 Cotter Pin A-30 Clevis Pin A-31 Lower Stem A-32 Lower Barrel A-33 Stem Pin A-34 Drain Valve Facing A-35 Drain Valve Facing Screw A-36 Upper Valve Plate A-37 Shoe Bolt & Nut A-38 Drain Ring Housing Gasket/O-Ring A-39 Top Seat Ring O-Ring A-40 Drain Ring Housing A-42 Drain Ring A-43 Seat Ring A-44 Bottom Seat Ring O-Ring A-45 Main Valve A-46 Lower Valve Plate A-47 Cap Nut Seal A-48 Lock Washer A-49 Lower Valve Plate Nut A-50 Shoe A-51 Hydrant Lubricating Oil



		1975 - 2002 4-1/2" and 5-1/4"	2003 - Present 4-1/2" and 5-1/4"
A-21	Hose Nozzle Cap - 2 1/2" NST 1 1/2" Pent (Contact Customer Service for other thread gauges.)		
A-22	Cap chain with ring	142987	
A-23	Chain "S" hook	147738	
A-24	Upper Barrel less Nozzles (Contact Customer Service)		
A-25	Stainless steel safety coupling	190350	
A-26	Safety flange bolt and nut (8 required)	280009 (4-1/2") 280016 (5-1/4")	

		1975 - 1996 (Paper Gasket)	1975 - 1996 (Triple Seal Gasket)	1997 - Present
A-27	Safety flange gasket	199004 (4-1/2")	148726 (4-1/2")	-
		198358 (5-1/4")	148725 (5-1/4")	-
	Safety flange O-ring	-	-	190348 (4-1/2")
		-	-	190349 (5-1/4")

		1997 - Present
A-28	Safety flange	175284-1 (4-1/2")
		175211-1 (5-1/4")
A-29	Cotter pin (2 required)	195235 (4-1/2" & 5-1/4")
A-30	Clevis pin (2 required)	195234



Fire Hydrant Parts Interchangeable/Identical - 4-1/2" Valve Opening

▼Except Super Centurion 350

Description	4-1/2" Centurion Fire Hydrant	4-1/2" Improved Fire Hydrant	4-1/2" Modern Improved Fire Hydrant	4" Mueller 107 FireHydrant
Operating nut	A-1 Same as H-51	H-51	Same as H-51	Not the Same
Weather cap	A-2* Interchangeable with H-52	H-52 Interchangeable with A-2	Not the Same	Not the Same
Hold down nut o-ring	A-3 Same as H-101	H-101	H-101	Not the Same
Pipe plug	A-7 Same as H-98	H-98	H-98	Not the Same
Stem o-ring	A-12 Same as H-93	H-93	H-93	Not the Same
Hose nozzle cap	A-21 Same as H-205	H-71**	H-205	H-71**
Hose nozzle cap gasket	A-19 Same as H-72	H-72	H-72	H-72
Pumper nozzle cap	A-17 Same as H-207 in 4 1/2" Size Only	H-67***	H-207	H-67***
Pumper nozzle cap gasket	A-15 Same as H-68	H-68	H-68	H-68
Chain	A-22 Same as H-69	H-69	H-69	H-69
Safety flange bolt and nut	A-26 ▼ Same as H-78	H-78	Not the Same	H-78
Safety flange	A-28 ▼ Same as H-77	H-77	Not the Same	H-77
Safety flange gasket	A-27 Same as H-76	H-76	Not the Same	H-76
Safety stem coupling	A-25 Same as H-125	H-125	H-125	H-125
Clevis pin	A-30 Same as H-136	H-136	H-136	H-136
Cotter pin	A-29 Same as H-137	H-137	H-137	H-137
Main valve	Not the Same ▼	H-88	H-88	Not the Same
Lower valve plate	A-46 Same as H-89	H-89	H-89	Not the Same
Safety flange repair kit	A-300 ▼	A-300	Not the Same	A-24150 Same as A-300 LESS LUBRICANT OIL
Barrel extension sections	A-319 ▼	Not the Same	4 1/2" A-333 Same as A-319	A-24155 Same as A-319 LESS LUBRICANT OIL

^{*} These parts are not the same but can be interchanged with H-52
** These parts are not the same but can be interchanged with A-21 or H-205.

^{***} These parts are not the same but can be interchanged with A17 or H-207.



Fire Hydrant Parts

Interchangeable/Identical - 5-1/4" Valve Opening

▼Except Super Centurion® 350 hydrant parts

Description	5-1/4" Centurion Fire Hydrant	5-1/4" Improved Fire Hydrant	5-1/4" Modern Improved Fire Hydrant	5" Mueller 107 FireHydrant
Operating nut	A-1 Same as H-51	H-51	H-51	Not the Same
Weather cap	A-2* Interchangeable with H-52	H-52 Interchangeable with A-2	H-201	Not the Same
Hold down nut o-ring	A-3 ▼ Same as H-101	H-101	H-101	Not the Same
Pipe plug	A-7 Same as H-98	H-98	H-98	Not the Same
Stem o-ring	A-12 Same as H-93	H-93	H-93	Not the Same
Hose nozzle cap	A-21 Same as H-205	H-71**	H-205	H-71**
Hose nozzle cap gasket	A-19 Same as H-72	H-72	H-72	H-72
Pumper nozzle cap	A-17 Same as H-207 in 4 1/2" Size Only	H-67***	H-207	H-67***
Pumper nozzle cap gasket	A-15 Same as H-68	H-68	H-68	H-68
Chain	A-22 Same as H-69	H-69	H-69	H-69
Safety flange bolt and nut	A-26 ▼ Same as H-78	H-78	H-209	H-78
Safety flange	A-28 ▼ Same as H-77	H-77	H-210	H-77
Safety flange gasket	A-27 Same as H-76	H-76	H-208	H-76
Safety stem coupling	A-25 Same as H-125	H-125	H-125	H-125
Clevis pin	A-30 Same as H-136	H-136	H-136	H-136
Cotter pin	A-29 Same as H-137	H-137	H-137	H-137
Main valve	A-45 ▼ Same as H-88	H-88	H-88	Not the Same
Lower valve plate	A-46 Same as H-89	H-89	H-89	Not the Same
Safety flange repair kit	A-301	A-301	Not the Same	A-24151 Same as A-301 LESS LUBRICANT OIL
Barrel extension sections	A-320	A-320	5 1/4" A-333 Same as A-320	A-24156 Same as A-320 LESS LUBRICANT OIL

^{*} These parts are not the same but can be interchanged with H-52

^{**} These parts are not the same but can be interchanged with A-21 or H-205.

^{***} These parts are not the same but can be interchanged with A17 or H-207.



PROBLEM

What parts are required to change Super Centurion 200 or Centurion® operating nut from open left to open right or visa versa?

A-1: Operating nut (specify size, shape, and opening direction)

A-2: Weather cap – Hydrants 1987 or earlier.

A-4: Hold down nut – Hydrants 1987 or earlier.

A-84: Hold down nut - 1988 or later.

A-8: Bonnet (Prior to 1988 Centurion Hydrants did not have a directional arrow cast on the bonnet to indicate the opening direction. Instead, it was indicated on the weather cap of the hydrant. On Centurion 200 hydrants, the arrow is cast on the bonnet.)

A-11: Upper Stem (Specify year and valve opening size.)

PROBLEM

What parts are required to change from one size operating nut to another?

Specify thread gauge and order the following:

A-15: Pumper Nozzle Gasket

A-17: Pumper Nozzle Cap (Specify size and shape of operating nut.)

A-19: Hose Nozzle Gasket

A-21: Hose Nozzle Cap (Specify size and shape of operating nut.)

A-1: Operating Nut (Specify size, shape, and opening direction.)

A-311: Operating Wrench (Specify size and shape.)

A-22: Cap Chain w/Ring

A-23: Chain Hook(s)

PROBLEM

How to read hydrant pumper/hose nozzle thread gauges?

The first number in the code is the number of threads per inch. The last three digits are the pitch diameter as demonstrated in the example below:

Example: 60454 – 6 threads per inch with a pitch diameter of 4.54.



PROBLEM

What parts are required to convert size of pumper nozzle?

Specify size of pumper nozzle and thread gauge and order the following:

A-13: Nozzle Lock

A-14: Pumper Nozzle

A-15: Pumper Nozzle Gasket

A-16: Pumper Nozzle O-ring

A-17: Pumper Cap (Specify size and shape of operating nut.)

A-22: Cap Chain w/Ring

A-23: Chain Hook(s)