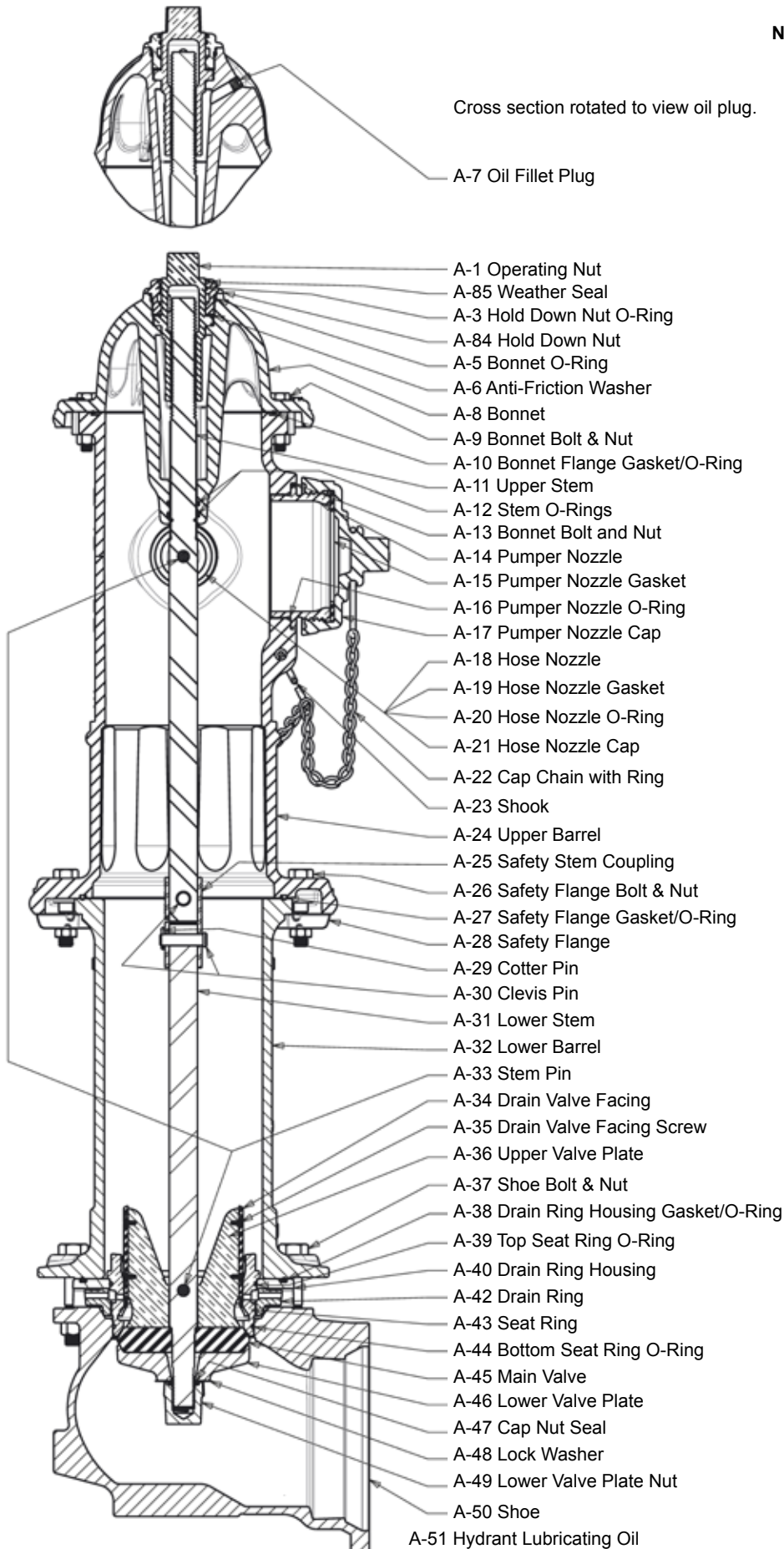


Not Shown: A-2 and A-41



		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.)	158661 – 75298	158661 – 75298
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**Hydrant will not open.**

Cause: Corrosion or paint has locked operating nut to bonnet, hold down nut, or upper stem.

Corrective Action: Disassemble, clean, lubricate, and reassemble.

Cause: Debris may have accumulated in shoe of hydrant.

Corrective Action: Remove main valve assembly and flush hydrant utilizing the isolation valve. Reassemble and test hydrant.

Cause: Hydrant opens opposite direction and paint has covered indication on bonnet or weather cap.

Corrective Action: Locate opening direction and attempt to open again.

PROBLEM**Flow from hydrant is low.**

Cause: Hydrant not fully open or isolation valve is not fully open.

Corrective Action: Check for number of turns when opening hydrant, 17-1/4 turns on all Centurion hydrants. Also, assure that isolation valve is fully open utilizing the formula for amount of turns to open or close all gate valves: 3 x nominal size of valve + (2 or 3) turns.

PROBLEM**Operating nut turns but hydrant will not open.**

Cause: Operating nut is locked to upper stem and safety coupling is broken.

Corrective Action: Remove bonnet and upper barrel. Remove operating nut from upper stem, clean, lubricate, and reassemble. Replace safety coupling.

PROBLEM**How many turns to open a hydrant?**

17-1/4 turns on all Centurion hydrants.

PROBLEM**What parts are required to convert from one bury depth to another bury depth?**

A-31: Lower Stem

A-32: Lower Barrel

A-27: Safety Flange Gasket

A-38: Drain Ring Gasket