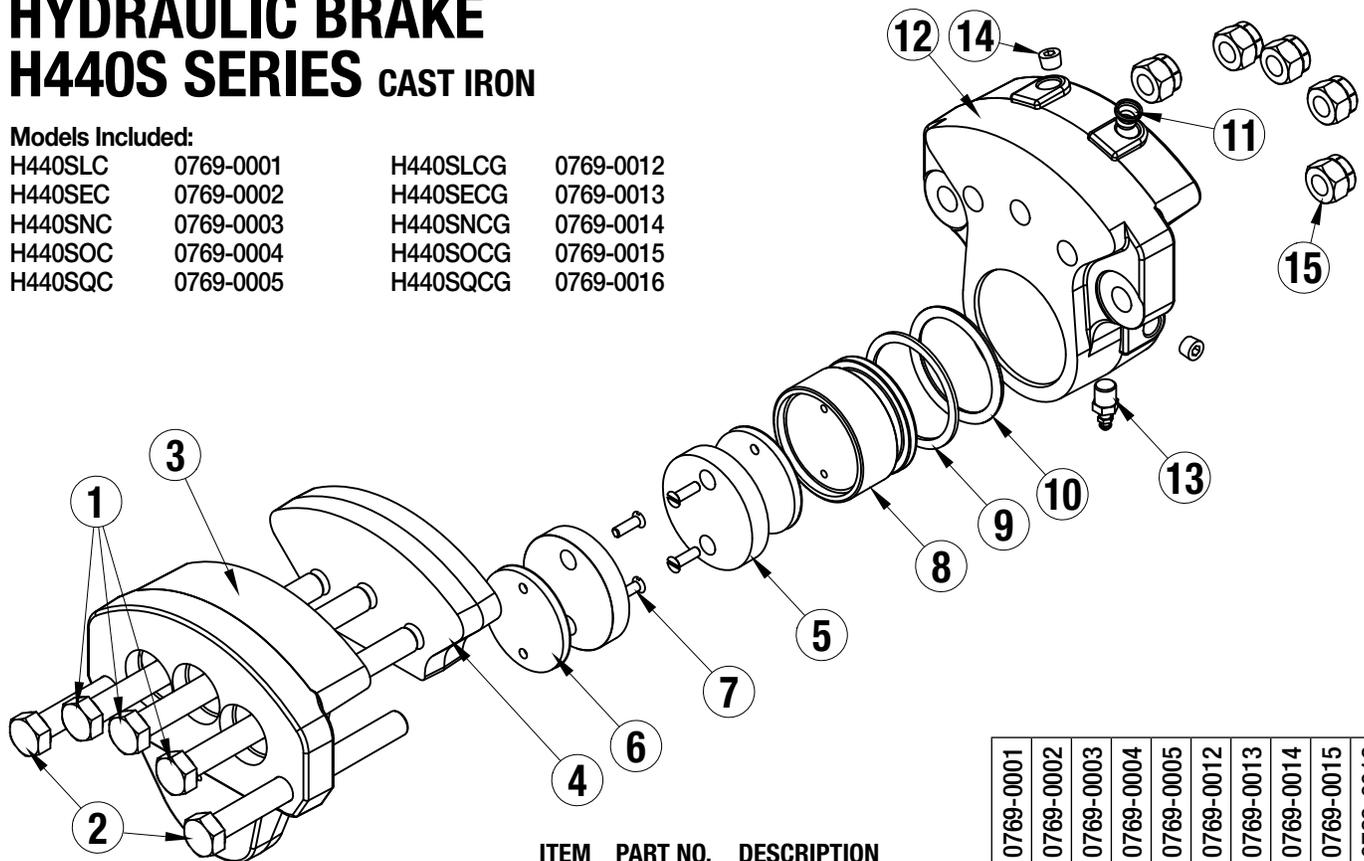


HYDRAULIC BRAKE H440S SERIES CAST IRON

Models Included:

H440SLC	0769-0001	H440SLCG	0769-0012
H440SEC	0769-0002	H440SECG	0769-0013
H440SNC	0769-0003	H440SNCG	0769-0014
H440SOC	0769-0004	H440SOCG	0769-0015
H440SQC	0769-0005	H440SQCG	0769-0016



(12-15-2014) DISCONTINUED PRODUCT STYLE OR SIZE. PARTS SHEET IS FOR REPAIR INSTRUCTIONS ONLY.

Parts listing is for reference only. All parts listed are limited to stock on hand. Contact Tolomatic regarding availability.

ITEM	PART NO.	DESCRIPTION	0769-0001	0769-0002	0769-0003	0769-0004	0769-0005	0769-0012	0769-0013	0769-0014	0769-0015	0769-0016
1.	0768-1006	Hex Head Bolt, Grade 8	3	3				3	3			
	0769-1021	Hex Head Bolt, Grade 8			3	3	3			3	3	3
2.	0769-1012	Hex Head Bolt, Grade 5	2	2				2	2			
	0769-1013	Hex Head Bolt, Grade 5			2	2	2			2	2	2
3.	0768-1013	Dead Side Housing	1	1	1	1	1	1	1	1	1	1
4.	0769-1009	Spacer, .500" thick			1					1		
	0769-1010	Spacer, .750" thick				1					1	
	0769-1011	Spacer, 1.000" thick					1					1
5.	0768-1001	Puck, Friction	2	2	2	2	2	2	2	2	2	2
6.	0769-1008	Puck, Spacer	2				2					
7.	0768-1018	Flat Head Screw	4	4	4	4	4	4	4	4	4	4
8.	0769-1001	Piston	1	1	1	1	1	1	1	1	1	1
9.	0769-1003	Back-Up Ring, Buna-N	1	1	1	1	1					
	0769-1043	Back-Up Ring, TEFLON®						1	1	1	1	1
10.	0769-1002	O-Ring, Buna-N	1	1	1	1	1					
	0769-1006	O-Ring, EPR						1	1	1	1	1
11.	1001-1066	Dust Plug	1	1	1	1	1	1	1	1	1	1
12.	0769-1000	Live Side Housing	1	1	1	1	1	1	1	1	1	1
13.	0740-1002	Bleeder Valve	1	1	1	1	1	1	1	1	1	1
14.	1014-1065	Pipe Plug	3	3	3	3	3	3	3	3	3	3
15.	0768-1012	Flexloc Nut	5	5	5	5	5	5	5	5	5	5

NOTE: Model number letter suffixes have the following meanings:

"C" indicates the brake has bleeder fittings.

"E" indicates the brake is designed to work with a 1/2" (12.7mm) thick disc.

"G" indicates the brake is built with EPR Seals and is DESIGNED TO BE OPERATED WITH AUTOMOTVE BRAKE FLUID ONLY. (In brakes without the "G" suffix, most petroleum-based, hydraulic fluids may be used).

"L" indicates the brake is designed to work with a 3/8" (9.53mm) thick disc.

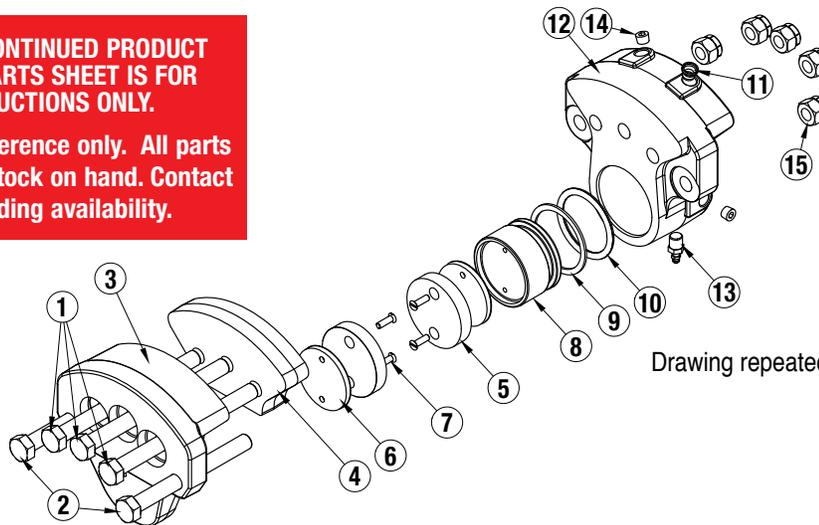
"N" indicates the brake is designed to work with a 1" (25.4mm) thick disc.

"O" indicates the brake is designed to work with a 1.25" (31.8mm) thick disc.

"Q" indicates the brake is designed to work with a 1.5" (38.1mm) thick disc.

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Drawing repeated for reference

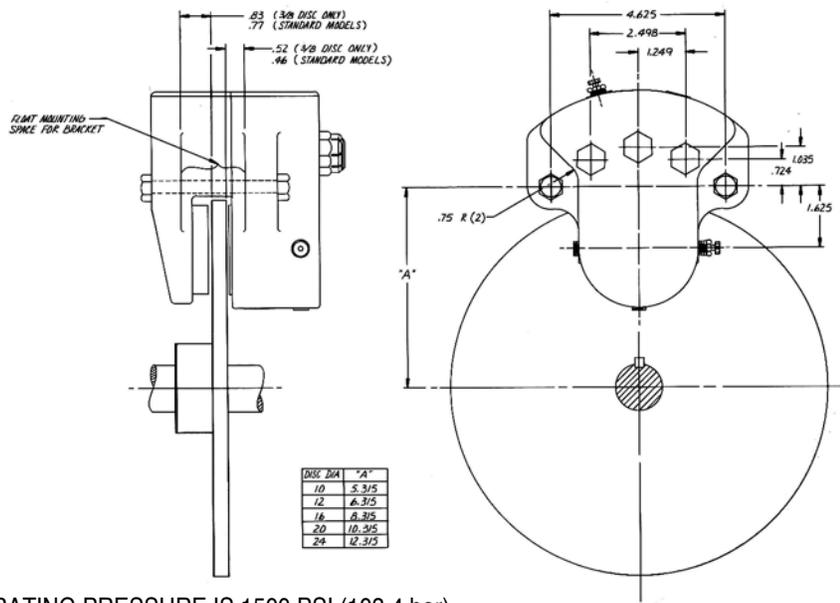
INSTALLATION

1. The H440S Caliper Disc Brake is a floating mount type brake. Mount the caliper as shown in the mounting dimension drawing below.
All Grade 8 bolts must be torqued to 600 in-lbs (67.8 N-m).
All Grade 5 bolts must be torqued to 480 in-lbs (54.2 N-m).
Care must be taken in mounting the brake. Puck faces must be parallel to the disc. The Flat Head Screws (#7) must be reinstalled with Blue Loctite® 242 and torqued to 20 in-lbs (2.3 N-m) after any repairs.
2. If the H440S is to be used with a floating-type disc, the unit can be fixed mounted.
3. The H440S may be operated hydraulically up to 1,500 PSI (103.4 bar). Make certain that the hydraulic fluid is compatible with the seals. Brakes equipped with Buna-N seals are compatible with most mineral-base hydraulic fluids. BRAKES

EQUIPPED WITH EPR SEALS ARE COMPATIBLE WITH AUTOMOTIVE BRAKE FLUID ONLY. (Any brake model with the letter "G" in its model designation is equipped with EPR seals).

4. Pressure in the brake must be relieved when the brake is not in use. DO NOT OPERATE THIS BRAKE WITH MASTER CYLINDERS EQUIPPED WITH A RESIDUAL PRESSURE VALVE. This back pressure will cause drag and excess heat which will result in reduced puck life.
5. The H440S is provided with one [1] bleeder valve and four [4] optional bleeder valve locations. After mounting, place the bleeder valve in the port that has the highest elevation. Improper bleeding will cause poor braking performance.

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MAXIMUM BRAKE OPERATING PRESSURE IS 1500 PSI (103.4 bar).



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