

GP Series  
Spirit Locks



# GP SERIES SPIRIT

## HEAVY DUTY

### GRADE 2 SERIES

#### SUGGESTED ARCHITECTURAL SPECIFICATIONS

Lockset will be GP Series *SPIRIT* from PDQ Industries, Inc., Leola, Pennsylvania, assembled in the U.S.A., with a eight-year manufacturer's limited warranty, and be certified to ANSI/BHMA A156.2-2003, Series 4000, Grade 2. Windstorm Resistant Product Listed - ANSI A250.13-2003, ASTM E1886-02, ASTM E330-02. Outswing: 350 ft-lbs., Inswing: N/R, Design Load Rating: 685 lbf. Locksets shall be listed by U.L./U.L.C. for ratings of "A" (3 hours) label and less, for single doors up to 4'0" x 8'0". U.L. 10C/UBC 7-2

(1997) Positive Pressure Rated and U.L. 10B Neutral Pressure Rated. Levers to be solid cast, with no plastic inserts, minimum 5-1/2" in overall length with supportive spring power totally independent of chassis or latch unit. Lockset to be fully adjustable for 1-3/8" to 1-3/4" doors. Positive lever stop is to be totally independent of chassis or latch mechanism. Lockset fasteners to be concealed with through-the-door through-bolt attachment outside the 2-1/8" door prep, **exceeds 1600 in lbs. of torque resistance.**

#### SPECIFICATIONS – GP Series

FOR DOORS:	1-3/8" to 1-3/4" thick. Factory adjusted for 1-3/4".
DOOR PREP:	Fits standard 161 door prep. Through-door thru-bolting.
BACKSET:	2-3/4", 2-3/8", 5".
CASE:	Heavy duty zinc diecast, investment cast and stainless steel mechanism.
FRONT:	Stainless steel or wrought brass. 2-1/4" x 1-1/8". Beveled 1/8" on 2".
ROSE:	3-3/8" diameter.
STRIKE:	4-7/8" x 1-1/4" (ASA). "T" or "FL" Strike optional. Stainless steel or wrought brass.
LATCHBOLT:	1/2" throw. Adjustable front for flat or beveled doors. Non-handed.
HAND:	PHL, BSN or MIA levers are solid zinc diecast. 65° lever rotation. Wrought brass roses. Concealed screws. Levers are also available for Large Format IC Core. Contact Customer service for more information.
TRIM:	
KEYS:	Two (2) change keys per lock.
KEYWAYS:	Available in keyways of most major manufacturers.
INTERCHANGEABLE	
CORE:	Available for all keyed functions. 6 or 7 pin.
CYLINDER:	Brass 6-pin cylinder keyed to 5 pins.
KEYING:	Can be MK, CMK, GMK. Available Zero Bitted (KO), Keyed Different (KD), Keyed Alike (KA). Can be keyed into existing masterkey systems of other manufacturers.
FINISHES:	US3(605), US4(606), US10(612), US10B(613), US26(625), US26D(626).
CERTIFICATIONS:	<ul style="list-style-type: none"><li>» BHMA Certified Product</li><li>ANSI/BHMA A156.2-2003, Series 4000, Grade 2.</li><li>Windstorm Resistant Product Listed - ANSI A250.13-2003, ASTM E1886-02, ASTM E330-02, Outswing: 350 ft-lbs., Inswing: N/R, Design Load Rating: 685 lbf.</li><li>» Meets all accessibility requirements of the ADA.</li><li>» U.L./U.L.C. Listed for "A" label (3 hour) single swing doors (4'0" x 8'0").</li><li>» U.L. 10C/UBC 7-2 (1997) Positive Pressure Rated.</li><li>» U.L. 10B Neutral Pressure Rated.</li><li>» Exceeds 1600 in. lbs. of torque resistance.</li></ul>
WARRANTY:	Eight-year limited warranty.
COUNTRY OF ORIGIN:	Assembled in the U.S.A. with U.S. and foreign material. Meets the requirements of the Buy American Act.

#### GP SERIES SPIRIT

**BHMA**  
CERTIFIED

**UL LISTED**



## CYLINDERS FOR SPIRIT GP SERIES

PDQ cylinders and plugs are designed to interface with the keyways of most major lock manufacturers. Insert cylinders are designed to accept 6 pins and are combined for 5 pins. These cylinders are shipped with two keys. Interchangeable core cylinders are available combined or uncombined for 6 and 7 pins and must be specified when ordering. Available in two finishes — US4(606) and US26D(626); specify when ordering separately.

Spirit Series  
Interchangeable core cylinder

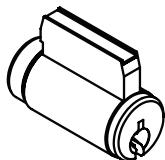


Spirit Series  
standard insert cylinder  
for 1-3/8" to 1-3/4" doors

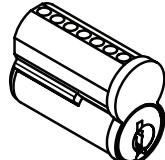


## HIGH SECURITY CORES

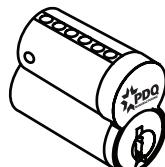
Also available w/a patented high security keyway in Standard, SFIC and LFIC configurations.  
(LFIC requires Large Format Lever)



Combination Core



IC Core



LFIC Core

## GP STRIKES

All PDQ series locks are reversible and shipped with screws. Specify required strike when ordering by defining door frame.

"T" Strike Square Corners\*  
1-1/8" x 2-3/4" x 3/32"



"ASA" Strike\*  
1-1/4" x 4-7/8" x 3/32"



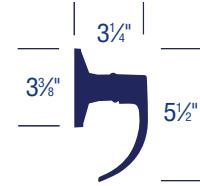
"Full Lip" Strike\*  
1-5/8" x 2-1/4" x 3/32"



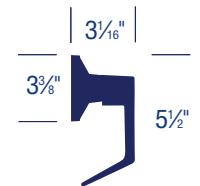
\*Not to scale

## BORED LOCKS

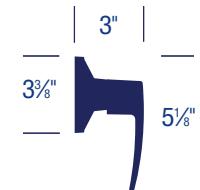
GP BSN



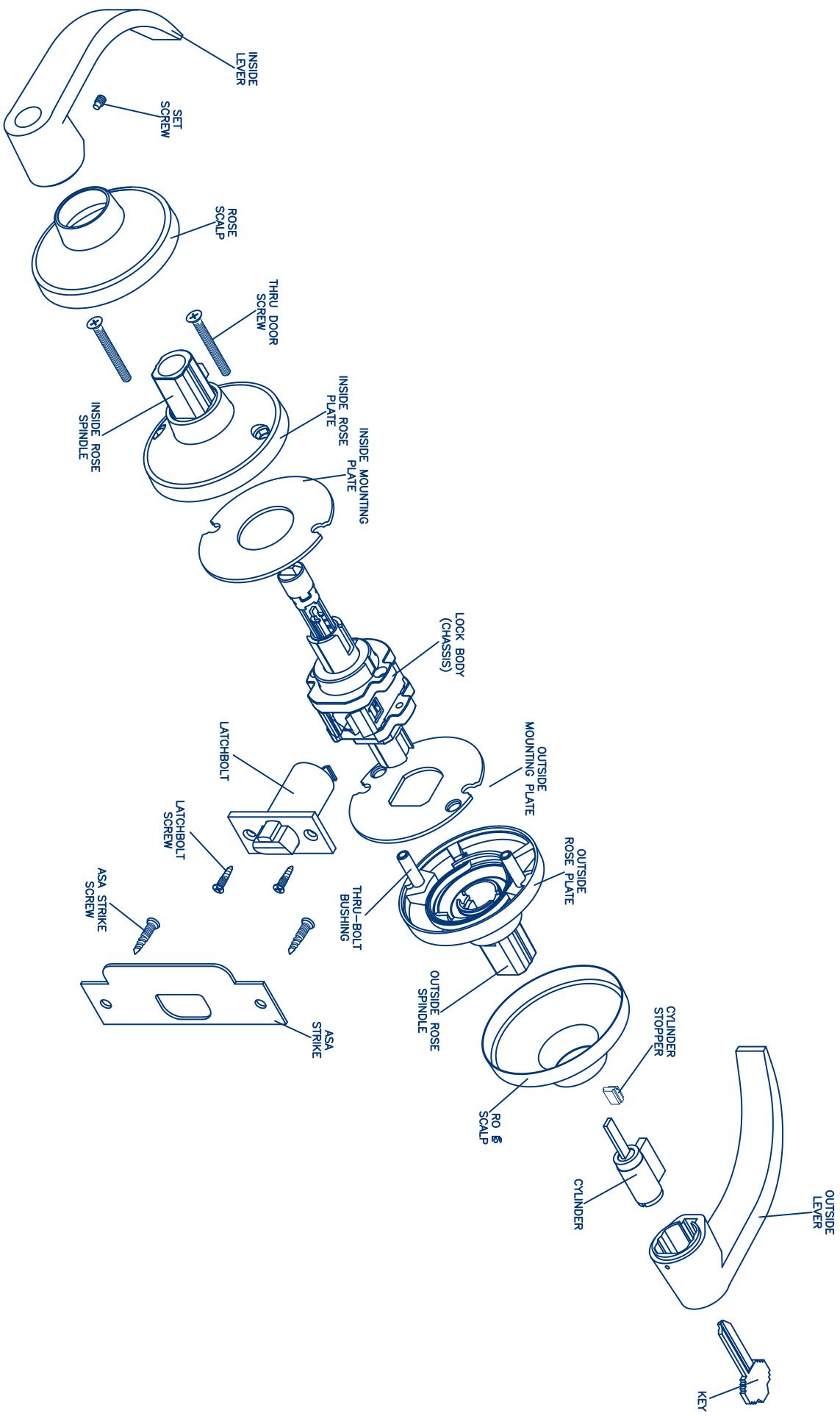
GP PHL



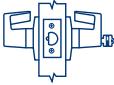
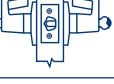
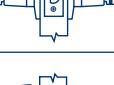
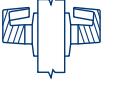
GP MIA



# EXPLODED VIEW OF GP SERIES LOCK



## GP SERIES SPIRIT HEAVY DUTY GRADE 2 FUNCTION CHART

FUNCTION	FUNCTION NO.	INSIDE	OUTSIDE	FUNCTION DESCRIPTION	ANSI NO.
Entrance	GP 116			<ul style="list-style-type: none"> <li>• Latchbolt operated by lever from either side or key in outside lever</li> <li>• Outside lever locked by push/turn button on inside</li> <li>• When outside lever is locked by push button on inside – key from outside, or rotating inside lever unlocks outside lever</li> <li>• When outside lever is locked by pushing and turning the button on the inside, key from outside or rotating inside lever retracts latch but does not unlock outside lever</li> <li>• Deadlocking (guarded) latchbolt</li> </ul>	F81
Storeroom	GP 115			<ul style="list-style-type: none"> <li>• Latchbolt operated by inside lever or key in outside lever</li> <li>• Outside lever always fixed</li> <li>• Deadlocking (guarded) latchbolt</li> </ul>	F86
Classroom	GP 148			<ul style="list-style-type: none"> <li>• Latchbolt operated by lever from either side</li> <li>• Outside lever locked by key from outside</li> <li>• Outside lever unlocked by key from outside</li> <li>• Inside lever always operates latch</li> <li>• Deadlocking (guarded) latchbolt</li> </ul>	F84
Entry	GP 182			<ul style="list-style-type: none"> <li>• Latchbolt operated by lever from either side or key in outside lever</li> <li>• Outside lever locked by push button on inside</li> <li>• Outside lever unlocked by key from outside, or rotating inside lever</li> <li>• Deadlocking (guarded) latchbolt</li> </ul>	F82
Passage	GP 126			<ul style="list-style-type: none"> <li>• Latchbolt operated by lever from either side at all times</li> </ul>	F75
Privacy Bedroom Bathroom	GP 176			<ul style="list-style-type: none"> <li>• Latchbolt operated by lever from either side or emergency release in outside lever</li> <li>• Outside lever locked by push button on inside</li> <li>• Outside lever unlocked by emergency release from outside, rotating inside lever, or closing door</li> </ul>	F76
General Entry	GP 137			<ul style="list-style-type: none"> <li>• Latchbolt operated by lever from either side</li> <li>• Both levers locked by key from either side</li> <li>• Both levers unlocked by key from either side</li> <li>• Deadlocking (guarded) latchbolt</li> </ul>	F91
Communicating	GP 125			<ul style="list-style-type: none"> <li>• Latchbolt operated by inside lever</li> <li>• Blank plate outside</li> <li>• Minimum clearance of 1-1/2" between doors</li> <li>• Frame depth 7-1/8"</li> <li>• Deadlocking (guarded) latchbolt</li> </ul>	
Exit or Twin Communicating	GP 150			<ul style="list-style-type: none"> <li>• Latchbolt operated by inside lever</li> <li>• Blank plate outside</li> <li>• Inside lever locked by key inside</li> <li>• Inside lever unlocked by key inside</li> <li>• Minimum clearance of 1-1/2" between doors</li> <li>• Use only in rooms with more than one exit</li> <li>• Frame depth 7-1/8"</li> <li>• Deadlocking (guarded) latchbolt</li> </ul>	
Double Dummy	GP 205			<ul style="list-style-type: none"> <li>• Pull lever both sides</li> <li>• No mechanical operation</li> </ul>	
Single Dummy	GP 211			<ul style="list-style-type: none"> <li>• Pull lever one side</li> <li>• No mechanical operation</li> </ul>	



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