

Recommended Spare Parts for: 1811 Safety Valves

CLASS	PART NAME	Quantity Parts/ Same Valves, In Service (Minimum)	Quantity Parts/ Same Valves, In Service (Maximum)	Predicted Availability
I	1. Disc	1/3	1/1	70%
	2. Adj. Ring Pin (Upper)	1/3	1/1	
	3. Adj. Ring Pin (Lower)	1/3	1/1	
II	4. Adj. Ring (Upper)	1/5	1/3	85%
	5. Adj. Ring (Lower)	1/5	1/3	
	6. Spindle	1/5	1/3	
	7. Spring	1/5	1/3	
III	8. Spring Washers (2)	1 Set/5	1 Set/3	95%
	9. Compression Screw	1/5	1/3	
IV	10. Compression Screw Nut	1/5	1/3	99%
	11. Lock Nut	1/5	1/3	
	12. Release Nut	1/5	1/3	
	13. Cap & Lever Assembly	1/5	1/3	

Note: The 1811 Seat Bushing is welded into the Body. It is not replaceable in the field. Return to the factory for replacement or order new Body-Bushing Assembly.

DESIGN CODE KEY: FSD - FLAT SEAT DESIGN will have a -20 or -21 in the model number
 TDD - THERMO DISC DESIGN- will have a -22 or -23 in the model number

SAFETY VALVE SPARE PARTS REFERENCE LIST
1811 Safety Valve
Size and Type: 1-1/4" 1811F

Part Description	Pressure Class 300#			Pressure Class 600#			Pressure Class 800#		
	Temperature Class			Temperature Class			Temperature Class		
	A	B	C & D	A	B	C & D	A	B	C
CLASS I	Part No	Part No	Part No	Part No	Part No	Part No	Part No	Part No	Part No
1. Disc									
1a. Disc - Flat						4321001			
Flat Discs above & matching spindles are no longer produced - order replacement Thermodisc Kit									
1b. Disc (TDD) (Standard)						4318201			
2. Adj. Ring Pin (Upper)						VP813Y			
3. Adj. Ring Pin (Lower)						WA813G			
CLASS II									
4. Adj. Ring (Upper)	4329101		4329102		4329101	4329102		4329101	4329102
5. Adj. Ring (Lower)						WU804A			
6a. Spindle (discontinued)			WW871					1222701	
6b. Spindle (TDD)						4243401			
CLASS III									
7. Spring Assembly	Spring must be purchased with Fitted Washers: Select Spring from Spring Chart								
8. Washer (Top)		WR907				WQ907			
9. Washer (Bottom)		WR906				WQ906			
9a. Washer (Bottom TDD)						WQ906			
10. Compression Screw						VAS898			
11. Seat Bushing	Cannot be replaced - order new base assembly								
CLASS IV									
12. Compassion Screw Nut						0785504			
13. Lock Nut						2210103			
14. Release Nut						WE887			
Cap & Lever Assembly									
Items (15-20)									
15. Cap						0076127			
16. Cap Screw						0087921			
17. Top Lever						None			
18. Drop Lever					0076756			0076766	0076756
19. Lever Pin (Top)						0074620			
20. Lever Pin Cotter						0055726			

TDD = Thermodisc Design

SAFETY VALVE SPARE PARTS REFERENCE LIST
1811 Safety Valve
Size and Type: 1-1/4" 1811G

Part Description	Pressure Class 300#			Pressure Class 600#			Pressure Class 800#		
	Temperature Class			Temperature Class			Temperature Class		
	A	B	C & D	A	B	C & D	A	B	C
CLASS I	Part No	Part No	Part No	Part No	Part No	Part No	Part No	Part No	Part No
1. Disc									
1a. Disc Flat	4321101								
Flat Discs above & matching spindles are no longer produced - order replacement Thermodisc Kit									
1b. Disc (TDD) (Standard)	4318301								
2. Adj. Ring Pin (Upper)	VP813Y								
3. Adj. Ring Pin (Lower)	WA813G								
CLASS II									
4. Adj. Ring (Upper)	4324901		4324902	4324901		4324902	4324901		4324902
5. Adj. Ring (Lower)	WY804A								
6a. Spindle (discontinued)	WW871						1222701		
6b. Spindle (TDD)	4243401								
CLASS III									
7. Spring Assembly	Spring must be purchased with Fitted Washers: Select Spring from Spring Chart								
8. Washer (Top)	WR907			WQ907					
9. Washer (Bottom)	WR906			WQ906					
10. Compression Screw	VAS898								
11. Seat Bushing	Cannot be replaced order new base assembly								
CLASS IV									
12. Compassion Screw Nut	0785504								
13. Lock Nut	2210103								
14. Release Nut	WE887								
Cap & Lever Assembly									
Items (15-20)									
15. Cap	0076127								
16. Cap Screw	0087921								
17. Top Lever	None								
18. Drop Lever	0076756						0076766	0076756	
19. Lever Pin (Top)	0074620								
20. Lever Pin Cotter	0055726								

TDD = Thermodisc Design

SAFETY VALVE SPARE PARTS REFERENCE LIST
1811 Safety Valve
Size and Type: 1-1/4" 1811H

Part Description	Pressure Class 300#			Pressure Class 600#			Pressure Class 800#		
	Temperature Class			Temperature Class			Temperature Class		
	A	B	C & D	A	B	C & D	A	B	C
CLASS I	Part No	Part No	Part No	Part No	Part No	Part No	Part No	Part No	Part No
1. Disc									
1a. Disc - Flat	4321201								
Flat Discs above & matching spindles are no longer produced - order replacement Thermodisc Kit									
1b. Disc (TDD) (Standard)	4318401								
2. Adj. Ring Pin (Upper)	VP813Z								
3. Adj. Ring Pin (Lower)	WA813C								
CLASS II									
4. Adj. Ring (Upper)	4330001	4330002	4330001	4330002	4330001	4330002	4330001	4330002	
5. Adj. Ring (Lower)	WK804A								
6a. Spindle (discontinued)	WB871						1222301		
6b. Spindle (TDD)	4242701								
CLASS III									
7. Spring Assembly	Spring must be purchased with Fitted Washers: Select Spring from Spring Chart								
8. Washer (Top)	WA907								
9. Washer (Bottom)	WA906								
10. Compression Screw	0076124						0091312		
11. Seat Bushing	Cannot be replaced order new base assembly								
CLASS IV									
12. Compassion Screw Nut	0957A14A								
13. Lock Nut	2210101								
14. Release Nut	VF887								
Cap & Lever Assembly									
Items (15-20)									
15. Cap	0076127								
16. Cap Screw	0087921								
17. Top Lever	None								
18. Drop Lever	WA872								
19. Lever Pin (Top)	0074620								
20. Lever Pin Cotter	0055726								

TDD = Thermodisc Design

SAFETY VALVE SPARE PARTS REFERENCE LIST
1811 Safety Valve
Size and Type: 1-1/2" 1811J

Part Description	Pressure Class 300#			Pressure Class 600#			Pressure Class 800#		
	Temperature Class			Temperature Class			Temperature Class		
	A	B	C 7 D	A	B	C & D	A	B	C
	Part No	Part No	Part No	Part No	Part No	Part No	Part No	Part No	Part No
CLASS I									
1. Disc									
1a. Disc - Flat (1)					4321301				
1b. Disc - Flat (2)					4338701				
Flat Discs above & matching spindles are no longer produced - order replacement Thermodisc Kit									
1c. Disc(TDD) (Standard) (1)					4318501				
1d. Disc (TDD) (XLP1) (2)					4339401				
2. Adj. Ring Pin (Upper)					VP813X				
3. Adj. Ring Pin (Lower)					WA813				
CLASS II									
4. Adj. Ring (Upper)	4329601	4329602		4329601	4329602		4329601	4329602	
5. Adj. Ring (Lower)				WN804A					
6a. Spindle (discontinued)			WB871				1222401		
6b. Spindle (TDD)	4252301			4242801					
CLASS III									
7. Spring Assembly	Spring must be purchased with Fitted Washers: Select Spring from Spring Chart								
8. Washer (Top)	WA907			WB907					
9. Washer (Bottom)	WA906			WB906					
10. Compression Screw	0076124					0091312			
11. Seat Bushing	Cannot be replaced order new base assembly								
CLASS IV									
12. Compassion Screw Nut	5014501								
13. Lock Nut	2210101								
14. Release Nut	VF887								
Cap & Lever Assembly									
Items (15-20)									
15. Cap	0076127								
16. Cap Screw	0087921								
17. Top Lever	None								
18. Drop Lever	WA872								
19. Lever Pin (Top)	0074620								
20. Lever Pin Cotter	0055726								

TDD = Thermodisc Design
Note: (1) Standard = 125 psi and above.
(2) LP1 = 5psi - 124 psi.

SAFETY VALVE SPARE PARTS REFERENCE LIST
1811 Safety Valve
Size and Type: 2" 1811K

Part Description	Pressure Class 300#			Pressure Class 600#			Pressure Class 800#		
	Temperature Class			Temperature Class			Temperature Class		
	A	B	C & D	A	B	C & D	A	B	C
	Part No	Part No	Part No	Part No	Part No	Part No	Part No	Part No	Part No
CLASS I									
1. Disc									
1a. Disc - Flat (1)					4321401				
1b. Disc - Flat (5 - 124 psi) (2)					4338801				
Flat Discs above & matching spindles are no longer produced - order replacement Thermodisc Kit									
1c. Disc(TDD) (Standard) (1)					4318601				
1d. Disc (TDD) (LP1) (2)					4339501				
2. Adj. Ring Pin (Upper)					VP813AA				
3. Adj. Ring Pin (Lower)					WA813D				
CLASS II									
4. Adj. Ring (Upper)	4331101		4331102		4331101	4331102		4331101	4331102
5. Adj. Ring (Lower)					WR804A				
6a.Spindle(discontinued)		WG871			WF871			1266301	(1298601)
6b.Spindle (TDD)		4252401			4242901				
CLASS III									
7. Spring Assembly	Spring must be purchased with Fitted Washers: Select Spring from Spring Chart								
8. Washer (Top)		6056101			WD907				
9. Washer (Bottom)		6056001			WH906				WV906
10. Compression Screw					0089268				
11. Seat Bushing	Cannot be replaced - order new base assembly								
CLASS IV									
12. Compassion Screw Nut					0076110				
13. Lock Nut					2210104				
14. Release Nut		VG887			WA887				
Cap & Lever Assembly									
Items (15-20)									
15. Cap					VBB807				
16. Cap Screw					0074562				
17. Top Lever					None				
18. Drop Lever(w/weather shield)		WD872			WB872				
19. Lever Pin (Top)					2040101				
20. Lever Pin Cotter					2220104				

TDD = Thermodisc Design

Note: (1) Standard = 125 psi and above.

(2) LP1 = 5psi - 124psi.

SAFETY VALVE SPARE PARTS REFERENCE LIST
1811 Safety Valve
Size and Type: 2-1/2" 1811L

Part Description	Pressure Class 300#			Pressure Class 600#			Pressure Class 800#		
	Temperature Class			Temperature Class			Temperature Class		
	A	B	C & D	A	B	C 7 D	A	B	C
	Part No	Part No	Part No	Part No	Part No	Part No	Part No	Part No	Part No
CLASS I									
1. Disc									
1a. Disc - Flat (Above 124 psi)						4321501			
1b. Disc - Flat (124 psi & below)						4338901			
Flat disc & matching spindle design parts are no longer produced - part numbers are for reference only- order replacement TD kit									
1c. Disc(TDD) (Standard) (1)						4318701			
1d. Disc (TDD) (LP1) (2)						4339601			
2. Adj. Ring Pin (Upper)						VP813Z			
3. Adj. Ring Pin (Lower)						WE813A			
CLASS II									
4. Adj. Ring (Upper)		4330601	4330602		4330601	4330602		4330601	4330602
5. Adj. Ring (Lower)						WS804A			
6a.Spindle (discontinued)			WJ871			WH871			1266401
6b.Spindle (TDD)			4252501						4243001
CLASS III									
7. Spring Assembly						Spring must be purchased with Fitted Washers: Select Spring from Spring Chart			
8. Washer (Top)			6056101						WF907
9. Washer (Bottom)			6056001						WG906
10. Compression Screw			0089268						0090940
11. Seat Bushing						Cannot be replaced order new base assembly			
CLASS IV									
12. Compression Screw Nut									0076110
13. Lock Nut									2210104
14. Release Nut			VG887						WA887
Cap & Lever Assembly									
Items (15-20)									
15. Cap									VBB807
16. Cap Screw									0074562
17. Top Lever									None
18. Drop Lever (w/weatheShield)			WE872						WE872 (1625701)
19. Lever Pin (Top)									2040101
20. Lever Pin Cotter									2220104

TDD = Thermodisc Design

Note: (1) Standard = 125 psi and above.

(2) LP1 = 5psi - 124psi.

SAFETY VALVE SPARE PARTS REFERENCE LIST
1811 Safety Valve
Size and Type: 3" 1811M

Part Description	Pressure Class 300#			Pressure Class 600#			Pressure Class 800#		
	Temperature Class			Temperature Class			Temperature Class		
	A	B	C & D	A	B	C & D	A	B	C
	Part No	Part No	Part No	Part No	Part No	Part No	Part No	Part No	Part No
CLASS I									
1. Disc									
1a. Disc - Flat (Above 124 psi)					4321601				
1b. Disc - Flat (124 psi & below)					4339001				
Flat design discs above & matching spindles are no longer produced - replace with Thermodics Kit									
1c. Disc (TDD) (Standard) (1)					4318801				
1d. Disc (TDD) (LP1) (2)					4339701				
2. Adj. Ring Pin (Upper)					VP813BB				
3. Adj. Ring Pin (Lower)					WE813C				
CLASS II									
4. Adj. Ring (Upper)	4330301		4330302		4330301	4330302		4330301	4330302
5. Adj. Ring (Lower)					WL804A				
6a. Spindle		WK871			WD871			1298901	
6b. Spindle (TDD)		4252201			4243101				
CLASS III									
7. Spring Assembly	Spring must be purchased with Fitted Washers: Select Spring from Spring Chart								
8. Washer (Top)		4820301			WG907				
9. Washer (Bottom)		WH906			WG906				
10. Compression Screw					VMM898				
11. Seat Bushing	Cannot be replaced order new base assembly								
CLASS IV									
12. Compassion Screw Nut					0079531				
13. Lock Nut					2210121				
14. Release Nut		VH887			WB887				
Cap & Lever Assembly									
Items (15-20)									
15. Cap					VAA807				
16. Cap Screw					0074562				
17. Top Lever					None				
18. Drop Lever (w/westher shield)		VR872			WF872				
19. Lever Pin (Top)					2040105				
20. Lever Pin Cotter					0050976				

TDD = Thermodisc Design
Note: (1) Standard = 125 psi and above.
(2) LP1 = 5psi - 124 psi.

SAFETY VALVE SPARE PARTS REFERENCE LIST
1811 Safety Valve
Size and Type: 4" 1811N

Part Description	Pressure Class 300#			Pressure Class 600#			Pressure Class 800#		
	Temperature Class			Temperature Class			Temperature Class		
	A	B	C & D	A	B	C & D	A	B	C
CLASS I									
1. Disc									
1a. Disc - Flat (Above 124 psi)				4321701					
1b. Disc - Flat (124 psi & below)				4339101					
Flat Discs above & matching spindles are no longer produced - order replacement Thermodisc Kit									
1c. Disc (TDD) (Standard) (1)				4318901					
1d. Disc (TDD) (LP1) (2)				4339801					
2. Adj. Ring Pin (Upper)				WD813C					
3. Adj. Ring Pin (Lower)				WD813					
CLASS II									
4. Adj. Ring (Upper)	4329501		4329502	4329501		4329502	4329501		4329502
5. Adj. Ring (Lower)				4328601					
6a. Spindle (discontinued)	WM871						WL871		
6b. Spindle (TDD)	4252601						4243201		
CLASS III									
7. Spring Assembly	Spring must be purchased with Fitted Washers: Select Spring from Spring Chart								
8. Washer (Top)	WG907						WJ907		
9. Washer (Bottom)	WH906						WJ906		
10. Compression Screw				VMM-898					
11. Seat Bushing	Cannot be replaced - order new base assembly								
CLASS IV									
12. Compassion Screw Nut				0079531					
13. Lock Nut	2210121			-	-	-	-	-	-
14. Release Nut	VH887						0090971		
Cap & Lever Assembly									
Items (15-22)									
15. Cap	VDD807						0078455		
16. Cap Screw				2312426					
17. Top Lever	0076813						0076833		
18. Drop Lever(w/weather shield)	0076814						WA874		
19. Lever Pin (Top)	2040105						2040102		
20. Lever Pin Cotter				0050976					
21. Lever Pin (Drop)	0077236						0077239		
22. Rel. Nut Cotter Pin							0073310		

TDD = Thermodisc Design

Note: (1) Standard = 125 psi and above.

(2) LP1 = 5psi - 124psi.

SAFETY VALVE SPARE PARTS REFERENCE LIST
1811 Safety Valve
Size and Type: 4" 1811P

Part Description	Pressure Class 300#			Pressure Class 600#			Pressure Class 800#		
	Temperature Class			Temperature Class			Temperature Class		
	A	B	C & D	A	B	C & D	A	B	C
CLASS I	Part No	Part No	Part No	Part No	Part No	Part No	Part No	Part No	C
1. Disc									
1a. Disc (Above 124psi)						4321801			
1b. Disc (124psi & below)						4339201			
Flat Discs above & matching spindles are no longer produced - order replacement Thermodisc Kit									
1c. Disc (TDD) (Standard) (1)						4319001			
1d. Disc (TDD) (XLP1) (2)						4339901			
2. Adj. Ring Pin (Upper)						WD813A			
3. Adj. Ring Pin (Lower)						WD813B			
CLASS II									
4. Adj. Ring (Upper)		4329801	4329806		4329801	4329806		4329801	4329806
5. Adj. Ring (Lower)						4328201			
6a. Spindle (discontinued)		WQ871				WR871			
6b. Spindle (TDD)		4252701				4243501			
CLASS III									
7. Spring Assembly						Spring must be purchased with Fitted Washers: Select Spring from Spring Chart			
8. Washer (Top)		WM907				WL907			
9. Washer (Bottom)		WM906				WL906			
10. Compression Screw						WA898			
11. Seat Bushing						Cannot be replaced order new base assembly			
CLASS IV									
12. Compassion Screw Nut						0079531			
13. Rel. Nut Cotter Pin		0073310				0082177			
14. Release Nut		0079745				0090949			
Cap & Lever Assembly									
Items (15-21)									
15. Cap		0078455				VA807			
16. Cap Screw						2312426			
17. Top Lever		0076833				VA873			
18. Drop Lever		WA874				WB874			
19. Lever Pin (Top)		2040102				0087728			
20. Lever Pin Cotter						0050976			
21. Lever Pin (Drop)		0077239				0077230			

* The 1811 Seat Bushing is welded into the Body. It is not replaceable in the field. Return to the factory for replacement or order new Body-Bushing Assembly.

TDD = Thermodisc Design

(1) above 124 psi.

(2) LP1 = 5 psi - 124 psi.

SAFETY VALVE SPARE PARTS REFERENCE LIST
1811 Safety Valve
Size and Type: 6" 1811Q

Part Description	Pressure Class 300#			Pressure Class 600#			Pressure Class 800#		
	Temperature Class			Temperature Class			Temperature Class		
	A	B	C & D	A	B	C & D	A	B	C
	Part No	Part No	Part No	Part No	Part No	Part No	Part No	Part No	Part No
CLASS I									
1. Disc									
1a. Disc - Flat (Above 124 psi)					4321901				
1b. Disc - Flat (124 psi & below)					4339301				
Flat Discs above & matching spindles are no longer produced - order replacement Thermodisc Kit									
1c. Disc (TDD) (Standard) (1)					4319101				
1d. Disc (TDD) (LP1) (2)					4340001				
2. Adj. Ring Pin (Upper)					WB813				
3. Adj. Ring Pin (Lower)					WB813A				
CLASS II									
4. Adj. Ring (Upper)	4328901		4328902		4328901	4328902		4328901	4328902
5. Adj. Ring (Lower)					4328001				
6a. Spindle(discontinued)					WS871				
6b. Spindle (TDD)		4252801					4243301		
CLASS III									
7. Spring Assembly	Spring must be purchased with Fitted Washers: Select Spring from Spring Chart								
8. Washer (Top)		WN907					WP907		
9. Washer (Bottom)		WN906					WP906		
10. Compression Screw		VU898					VU898A		
11. Seat Bushing	Cannot be replaced - order new base assembly								
CLASS IV									
12. Compassion Screw Nut					VD889				
13. Rel. Nut Cotter Pin					0067153				
14. Release Nut					0083450				
Cap & Lever Assembly									
Items (15-21)									
15. Cap					VA807				
16. Cap Screw					2312423				
17. Top Lever		VA873					WB873		
18. Drop Lever		WB874					WD874		
19. Lever Pin (Top)					0087728				
20. Lever Pin Cotter					0050976				
21. Lever Pin (Drop)					0087730				

TDD = Thermodisc Design

Note: (1) Standard = 125 psi and above.

(2) XLP1 = 5psi - 124psi. (above 74 psi consult maintenance manual or factory)