



SERVICE BULLETIN

PN: 21341641

DATE: 12/20/2018

MODEL: Spirit Portable Liquid Oxygen Devices

ISSUE: Symbolic Label Change

NOTES: Effective **Jan 1st, 2019** all newly manufactured Spirit portable liquid oxygen devices will be equipped with new symbolic warning labels. Prior to this change, CAIRE maintained a large variety of LOX labels in stock due to the number of different languages throughout our markets. The use of standard symbolic labels on LOX portables will greatly streamline and simplify the ordering process for customers, improve repair turn-around times, and simplify inventory management for both CAIRE and our customers.

All newly manufactured portables will now be equipped with auto-close vent valve going forward.

The new symbols on the warning label are defined in the accompanying user manual included with each unit.

Many of the country specific portable will be replaced with one, global item number that can be sold into multiple regions and countries. This global model will include a multi-lingual manual. Table 1 shows the new global portable models that will be available going forward (as well as unchanged final models). See Table 2 for list of replacement item numbers. Contact customer service for pricing and availability.

Table 3 shows models that are obsolete and will no longer be available.

For replacement labels for service use reference service bulletin **21174579**. Language specific labels will also no longer be available, refer to service bulletin **21174579** for the correct replacement label kit. Replacement labels required for service use will depend on manufacture date and the region of the device.

Table 4 shows language specific patient manuals that will be replaced by a multi-lingual version – **MN235-C4**.

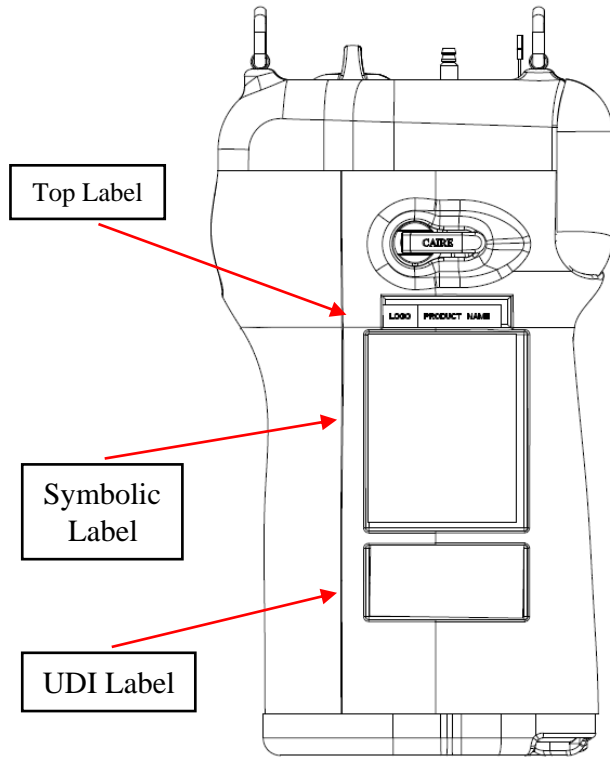


Fig 1(a). Location of New Labels on Spirit

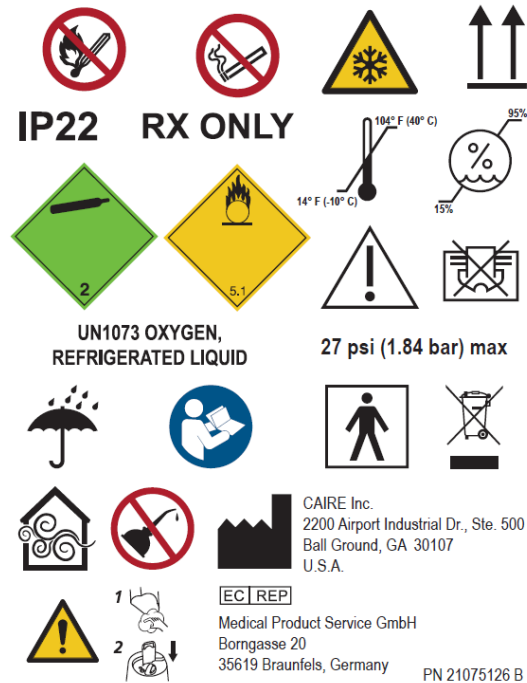


Fig 2. Fig 2. Portable Symbolic Warning Label

Table 1. New Global Spirit Part Numbers

Previous Item Number	Description	Description 2	Change	New Part Number
12944586	FNL SPIRIT 1200T SF CA M 5LPM	20PSI SCALE GERMAN	New Global PN	12944586
11741277	FNL SPIRIT 300T SF CA M 5LPM	20PSI SCALE GERMAN	New Global PN	11741277
13103105	FNL SPIRIT 600T SF CA M 5LPM	20PSI SCALE GERMAN	New Global PN	13103105
11897386	FNL SPIRIT 1200T TF PB F 5LPM	20PSI SCALE GERMAN	New Global PN	11897386
11741322	FNL SPIRIT 300T TF PB F 5LPM	20PSI SCALE GERMAN	New Global PN	11741322
13040950	FNL SPIRIT 600T TF PB F 5LPM	20PSI SCALE GERMAN	New Global PN	13040950
11751483	FNL SPIRIT 300T TF PEN F 5LPM	20PSI SCALE ENGLISH	New Global PN	11751483
13042971	FNL SPIRIT 600T TF PEN F 5LPM	20PSI SCALE ENGLISH	New Global PN	13042971
13042980	FNL SPIRIT 1200T TF PEN F 5LPM	20PSI SCALE ENGLISH	New Global PN	13042980
11899867	FNL SPIRIT 1200T TF TAE F 5LPM	20PSI SCALE GERMAN	New Global PN	11899867
11892569	FNL SPIRIT 300T TF TAE F 5LPM	20PSI SCALE GERMAN	New Global PN	11892569
13139538	FNL SPIRIT 600T TF TAE F 5LPM	20PSI SCALE GERMAN	New Global PN	13139538
11795566	FNL SPIRIT 300J SF CA M 5LPM	20PSI SCALE KOIKE JAPANESE	Keep the PN	No changes to labels / Manuals
13398311	FNL SPIRIT 600J TF PB F 5LPM	20PSI SCALE ETO JAPANESE	Keep the PN	No changes to labels / Manuals

Table 2. Replacement Spirit Part Numbers

Previous Item Number	Description	Description 2	Change	New Part Number
20606202	FNL SPIRIT 1200T SF CA M 5LPM	20 PSI SCALE FINNISH	Obsolete replaced by	12944586
13109005	FNL SPIRIT 1200T SF CA M 5LPM	20PSI SCALE NORWEGIAN	Obsolete replaced by	12944586
11940532	FNL SPIRIT 1200T SF CA M 5LPM	20PSI SCALE ENGLISH	Obsolete replaced by	12944586
13103287	FNL SPIRIT 1200T SF CA M 5LPM	20PSI SCALE FRENCH	Obsolete replaced by	12944586
13120811	FNL SPIRIT 1200T SF CA M 5LPM	20PSI SCALE DUTCH	Obsolete replaced by	12944586
13467021	FNL SPIRIT 1200T SF CA M 5LPM	20PSI SCALE SOL GERMAN	Obsolete replaced by	12944586
14693346	FNL SPIRIT 1200T SF CA M 5LPM	20PSI SCALE SOL ITALIAN	Obsolete replaced by	12944586
13104167	FNL SPIRIT 600T SF CA M 5LPM	20PSI SCALE ENGLISH	Obsolete replaced by	13103105
20606205	FNL SPIRIT 600T SF CA M 5LPM	20 PSI SCALE FINNISH	Obsolete replaced by	13103105
13104159	FNL SPIRIT 600T SF CA M 5LPM	20PSI SCALE FRENCH	Obsolete replaced by	13103105
13108993	FNL SPIRIT 600T SF CA M 5LPM	20PSI SCALE NORWEGIAN	Obsolete replaced by	13103105
13338721	FNL SPIRIT 600T SF CA M 5LPM	20PSI SCALE SPANISH	Obsolete replaced by	13103105
13120790	FNL SPIRIT 600T SF CA M 5LPM	20PSI SCALE DUTCH	Obsolete replaced by	13103105
13103130	FNL SPIRIT 300T SF CA M 5LPM	20PSI SCALE ENGLISH	Obsolete replaced by	11741277
13789653	FNL SPIRIT 300T SF CA M 5LPM	20PSI SCALE SOL ITALY	Obsolete replaced by	11741277
11750149	FNL SPIRIT 300T SF CA M 5LPM	20PSI SCALE FRENCH	Obsolete replaced by	11741277
20606204	FNL SPIRIT 300T SF CA M 5LPM	20PSI SCALE FINNISH	Obsolete replaced by	11741277
20651171	FNL SPIRIT 300T SF CA M 5LPM	20PSI SCALE DANISH	Obsolete replaced by	11741277
11802009	FNL SPIRIT 300T SF CA M 5LPM	20PSI SCALE SOL GERMAN	Obsolete replaced by	11741277
11883021	FNL SPIRIT 300T SF CA M 5LPM	20PSI SCALE NORWEGIAN	Obsolete replaced by	11741277
11741293	FNL SPIRIT 300T SF CA M 5LPM	20PSI SCALE PORTUGUESE	Obsolete replaced by	11741277

Previous Item Number	Description	Description 2	Change	New Part Number
11800599	FNL SPIRIT 300T SF CA M 5LPM	20PSI SCALE DUTCH	Obsolete replaced by	11741277
11808945	FNL SPIRIT 300T SF CA M 5LPM	20PSI SCALE SPANISH	Obsolete replaced by	11741277
20892878	FNL SPIRIT 300T SF CA M 5LPM	20PSI SCALE SWEDISH	Obsolete replaced by	11741277
11940233	FNL SPIRIT 1200T TF PB F 5LPM	20PSI SCALE ENGLISH	Obsolete replaced by	11897386
13006057	FNL SPIRIT 1200T TF PB F 5LPM	20PSI SCALE FRENCH	Obsolete replaced by	11897386
13120837	FNL SPIRIT 1200T TF PB F 5LPM	20PSI SCALE DUTCH	Obsolete replaced by	11897386
15091953	FNL SPIRIT 1200T TF PB F 5LPM	20PSI PANGAS MULTI LANGUAGE	Obsolete replaced by	11897386
13009987	FNL SPIRIT 1200T TF PB F 5LPM	20PSI SCALE SPANISH	Obsolete replaced by	11897386
13096785	FNL SPIRIT 1200T TF PB F 5LPM	20PSI SCALE NORWEGIAN	Obsolete replaced by	11897386
14703153	FNL SPIRIT 1200T TF PB F 5LPM	20PSI SCALE FINNISH	Obsolete replaced by	11897386
13005468	FNL SPIRIT 600T TF PB F 5LPM	20PSI SCALE SPANISH	Obsolete replaced by	13040950
13101601	FNL SPIRIT 600T TF PB F 5LPM	20PSI SCALE FRENCH	Obsolete replaced by	13040950
13096777	FNL SPIRIT 600T TF PB F 5LPM	20PSI SCALE NORWEGIAN	Obsolete replaced by	13040950
13098529	FNL SPIRIT 600T TF PB F 5LPM	20PSI SCALE ITALIAN	Obsolete replaced by	13040950
13100107	FNL SPIRIT 600T TF PB F 5LPM	20PSI SCALE ENGLISH	Obsolete replaced by	13040950
13120781	FNL SPIRIT 600T TF PB F 5LPM	20PSI SCALE DUTCH	Obsolete replaced by	13040950
13906258	FNL SPIRIT 600T TF PB F 5LPM	20PSI SCALE FINNISH	Obsolete replaced by	13040950
14807358	FNL SPIRIT 600T TF PB F 5LPM	20PSI SCALE FRENCH W/A-C	Obsolete replaced by	13040950
15091945	FNL SPIRIT 600T TF PB F 5LPM	20PSI PANGAS MULTI LANGUAGE	Obsolete replaced by	13040950
11873721	FNL SPIRIT 300T TF PB F 5LPM	20PSI SCALE GREEK	Obsolete replaced by	11741322
13104204	FNL SPIRIT 300T TF PB F 5LPM	20PSI SCALE ENGLISH	Obsolete replaced by	11741322
11741331	FNL SPIRIT 300T TF PB F 5LPM	20PSI SCALE ITALIAN	Obsolete replaced by	11741322

Previous Item Number	Description	Description 2	Change	New Part Number
11741357	FNL SPIRIT 300T TF PB F 5LPM	20PSI SCALE PORTUGUESE	Obsolete replaced by	11741322
11741365	FNL SPIRIT 300T TF PB F 5LPM	20PSI SCALE SWEDISH	Obsolete replaced by	11741322
11750157	FNL SPIRIT 300T TF PB F 5LPM	20PSI SCALE FRENCH	Obsolete replaced by	11741322
11800601	FNL SPIRIT 300T TF PB F 5LPM	20PSI SCALE DUTCH	Obsolete replaced by	11741322
11808953	FNL SPIRIT 300T TF PB F 5LPM	20PSI SCALE SPANISH	Obsolete replaced by	11741322
11873798	FNL SPIRIT 300T TF PB F 5LPM	20PSI SCALE HUNGARIAN	Obsolete replaced by	11741322
13762223	FNL SPIRIT 300T TF PB F 5LPM	20PSI SCALE FINNISH	Obsolete replaced by	11741322
13955746	FNL SPIRIT 300T TF PB F 5LPM	20PSI SCALE TURKISH	Obsolete replaced by	11741322
14807331	FNL SPIRIT 300T TF PB F 5LPM	20PSI SCALE FRENCH W/A-C	Obsolete replaced by	11741322
15091937	FNL SPIRIT 300T TF PB F 5LPM	20PSI PANGAS MULTI LANGUAGE	Obsolete replaced by	11741322
11741349	FNL SPIRIT 300T TF PB F 5LPM	20PSI SCALE NORWEGIAN	Obsolete replaced by	11741322
11791506	FNL SPIRIT 300T TF PB F 5LPM	20PSI SCALE DANISH	Obsolete replaced by	11741322
11802017	FNL SPIRIT 300T TF PB F 5LPM	20PSI SCALE SOL GERMAN	Obsolete replaced by	11741322
11899832	FNL SPIRIT 300T TF TAE F 5LPM	20PSI SCALE PORTUGUESE	Obsolete replaced by	11892569
11899841	FNL SPIRIT 300T TF TAE F 5LPM	20PSI SCALE SPANISH	Obsolete replaced by	11892569
11944832	FNL SPIRIT 300T TF TAE F 5LPM	20PSI SCALE SPANISH	Obsolete replaced by	11892569
13946508	FNL SPIRIT 1200T TF USP 99%	20PSI INSPIRED TECHNOLOGIES	Obsolete replaced by	11897386
13070569	FNL SPIRIT 300T TF PB M 5LPM	20PSI SCALE BOC ENGLISH	Obsolete replaced by	11741322
13846021	FNL SPIRIT 300T TF USP 99%	20PSI INSPIRED TECHNOLOGIES	Obsolete replaced by	11741322
13846013	FNL SPIRIT 600T TF USP 99%	20PSI INSPIRED TECHNOLOGIES	Obsolete replaced by	13040950

Table 3. Obsolete Spirit Part Numbers

Previous Item Number	Description	Description 2	Change	New Part Number
11811466	FNL SPIRIT 300B TF UC M 5LPM	50PSI SCALE ENGLISH	Obsolete no replacement	No R/B
11769747	FNL SPIRIT 300T TF CR2 M 5LPM	20PSI SCALE ENGLISH	Obsolete no replacement	No R/B
13832746	FNL SPIRIT 300T TF USP 93%	20PSI INSPIRED TECHNOLOGIES	Obsolete no replacement	No R/B
13091175	FNL SPIRIT 600T TF CR2 M 5LPM	20PSI SCALE ENGLISH	Obsolete no replacement	No R/B

Table4. Replacement Patient Operating Instructions.

Previous Item Number	Description	Change	New Part Number
13138017	POI SPIRIT SERIES ENGLISH	Obsolete replaced by	MN235-C4
13224329	POI SPIRIT SERIES ITALIAN	Obsolete replaced by	MN235-C4
13224337	POI SPIRIT SERIES GERMAN	Obsolete replaced by	MN235-C4
13224345	POI SPIRIT SERIES SPANISH	Obsolete replaced by	MN235-C4
13224353	POI SPIRIT SERIES FRENCH	Obsolete replaced by	MN235-C4
13224361	POI SPIRIT SERIES DUTCH	Obsolete replaced by	MN235-C4
13224370	POI SPIRIT SERIES NORWEGIAN	Obsolete replaced by	MN235-C4
13224388	POI SPIRIT SERIES DANISH	Obsolete replaced by	MN235-C4
13224396	POI SPIRIT SERIES GREEK	Obsolete replaced by	MN235-C4
13224409	POI SPIRIT SERIES PORTUGUESE	Obsolete replaced by	MN235-C4
13224417	POI SPIRIT SERIES SWEDISH	Obsolete replaced by	MN235-C4
13224433	POI SPIRIT SERIES HUNGARIAN	Obsolete replaced by	MN235-C4
13224441	POI SPIRIT SERIES FINNISH	Obsolete replaced by	MN235-C4
13855892	POI SPIRIT SERIES TURKISH	Obsolete replaced by	MN235-C4

Previous Item Number	Description	Change	New Part Number
14207993	POI SPIRIT SERIES JAPANESE	Keep	14207993
13138017-12	POI SPIRIT SERIES ARABIC	Keep	13138017-12
13224425	POI SPIRIT SERIES HEBREW	Keep	13224425

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