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SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934  
(Amendment No. 1)\*

**NCS Multistage Holdings, Inc.**

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(Name of Issuer)

**Common Stock, par value \$0.01 per share**

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(Title of Class of Securities)

**628877102**

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(CUSIP Number)

**03/31/2025**

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(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)  
 Rule 13d-1(c)  
 Rule 13d-1(d)

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SCHEDULE 13G

CUSIP No. 628877102

Names of Reporting Persons

1

ADVENT INTERNATIONAL, L.P.

Check the appropriate box if a member of a Group (see instructions)

2

- (a)  
 (b)

3

Sec Use Only

Citizenship or Place of Organization

4

DELAWARE

	Sole Voting Power
5	1,478,426.00
Number of Shares Beneficially Owned by Each Reporting Person With:	Shared Voting Power
6	0.00
	Sole Dispositive Power
7	1,478,426.00
	Shared Dispositive Power
8	0.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person
	1,478,426.00
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)
	<input type="checkbox"/>
11	Percent of class represented by amount in row (9)
	58.19 %
12	Type of Reporting Person (See Instructions)
	PN

**Comment for Type of Reporting Person:** The reported percentage is calculated based on 2,540,849 shares of common stock ("Common Stock") outstanding as of April 29, 2025, as reported on the Issuer's 10-Q filed with the Securities and Exchange Commission ("SEC") on May 1, 2025.

## SCHEDULE 13G

**CUSIP No.** 628877102

1	Names of Reporting Persons
	Advent International GPE VII LLC
	Check the appropriate box if a member of a Group (see instructions)
2	<input type="checkbox"/> (a)
	<input checked="" type="checkbox"/> (b)
3	Sec Use Only
4	Citizenship or Place of Organization
	DELAWARE
	Sole Voting Power
5	1,478,426.00
Number of Shares Beneficially Owned by Each Reporting Person With:	Shared Voting Power
6	0.00
	Sole Dispositive Power
7	1,478,426.00
	Shared Dispositive Power
8	0.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person

1,478,426.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

Percent of class represented by amount in row (9)

11

58.19 %

Type of Reporting Person (See Instructions)

12

OO

**Comment for Type of Reporting Person:** The reported percentage is calculated based on 2,540,849 shares of Common Stock outstanding as of April 29, 2025, as reported on the Issuer's 10-Q filed with the SEC on May 1, 2025.

### SCHEDULE 13G

**CUSIP No.** 628877102

Names of Reporting Persons

1

Advent-NCS Acquisition Limited Partnership

Check the appropriate box if a member of a Group (see instructions)

2

(a)

(b)

3

Sec Use Only

Citizenship or Place of Organization

4

DELAWARE

Sole Voting Power

5

1,478,426.00

Number of  
Shares

Shared Voting Power

Beneficially  
Owned by

6

0.00

Each  
Reporting

7

1,478,426.00

Person

Shared Dispositive

With:

8

Power

0.00

Aggregate Amount Beneficially Owned by Each Reporting Person

9

1,478,426.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

Percent of class represented by amount in row (9)

11

58.19 %

Type of Reporting Person (See Instructions)

12

PN

**Comment for Type of Reporting Person:** The reported percentage is calculated based on 2,540,849 shares of Common Stock outstanding as of April 29, 2025, as reported on the Issuer's 10-Q filed with the SEC on May 1, 2025.

SCHEDULE 13G

CUSIP No. 628877102

1 Names of Reporting Persons  
Advent-NCS GP LLC  
Check the appropriate box if a member of a Group (see instructions)

2  (a)  
 (b)

3 Sec Use Only

4 Citizenship or Place of Organization  
DELAWARE

5 Sole Voting Power  
1,478,426.00

Number of Shares Beneficially Owned by Each Reporting Person With:

6 Shared Voting Power  
0.00

7 Sole Dispositive Power  
1,478,426.00

8 Shared Dispositive Power  
0.00

9 Aggregate Amount Beneficially Owned by Each Reporting Person  
1,478,426.00  
Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

11 Percent of class represented by amount in row (9)  
58.19 %

12 Type of Reporting Person (See Instructions)  
OO

**Comment for Type of Reporting Person:** The reported percentage is calculated based on 2,540,849 shares of Common Stock outstanding as of April 29, 2025, as reported on the Issuer's 10-Q filed with the SEC on May 1, 2025.

SCHEDULE 13G

CUSIP No. 628877102

1 Names of Reporting Persons  
GPE VII GP Limited Partnership  
Check the appropriate box if a member of a Group (see instructions)

2  (a)  
 (b)

3 Sec Use Only

4 Citizenship or Place of Organization

CAYMAN ISLANDS

	5	Sole Voting Power
		504,439.00
Number of Shares Beneficially Owned by Each Reporting Person With:	6	Shared Voting Power
		0.00
	7	Sole Dispositive Power
		504,439.00
	8	Shared Dispositive Power
		0.00
9		Aggregate Amount Beneficially Owned by Each Reporting Person
		504,439.00
10		Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)
		<input type="checkbox"/>
11		Percent of class represented by amount in row (9)
		19.85 %
12		Type of Reporting Person (See Instructions)
		PN

**Comment for Type of Reporting Person:** The reported percentage is calculated based on 2,540,849 shares of Common Stock outstanding as of April 29, 2025, as reported on the Issuer's 10-Q filed with the SEC on May 1, 2025.

SCHEDULE 13G

CUSIP No. 628877102

1		Names of Reporting Persons
		GPE VII GP (Delaware) Limited Partnership
		Check the appropriate box if a member of a Group (see instructions)
2		<input type="checkbox"/> (a)
		<input checked="" type="checkbox"/> (b)
3		Sec Use Only
4		Citizenship or Place of Organization
		DELAWARE
	5	Sole Voting Power
		941,019.00
Number of Shares Beneficially Owned by Each Reporting Person With:	6	Shared Voting Power
		0.00
	7	Sole Dispositive Power
		941,019.00
	8	Shared Dispositive Power
		0.00
9		Aggregate Amount Beneficially Owned by Each Reporting Person

941,019.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

Percent of class represented by amount in row (9)

11

37.04 %

Type of Reporting Person (See Instructions)

12

PN

**Comment for Type of Reporting Person:** The reported percentage is calculated based on 2,540,849 shares of Common Stock outstanding as of April 29, 2025, as reported on the Issuer's 10-Q filed with the SEC on May 1, 2025.

## SCHEDULE 13G

**CUSIP No.** 628877102

Names of Reporting Persons

1

Advent Partners GPE VII Limited Partnership

Check the appropriate box if a member of a Group (see instructions)

2

(a)

(b)

3

Sec Use Only

Citizenship or Place of Organization

4

DELAWARE

Sole Voting Power

5

591.00

Number of  
Shares

Shared Voting Power

6

Beneficially  
Owned by

0.00

Each

Sole Dispositive Power

7

Reporting  
Person

591.00

With:

Shared Dispositive

8

Power

0.00

Aggregate Amount Beneficially Owned by Each Reporting Person

9

591.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

Percent of class represented by amount in row (9)

11

0.02 %

Type of Reporting Person (See Instructions)

12

PN

**Comment for Type of Reporting Person:** The reported percentage is calculated based on 2,540,849 shares of Common Stock outstanding as of April 29, 2025, as reported on the Issuer's 10-Q filed with the SEC on May 1, 2025.

SCHEDULE 13G

CUSIP No. 628877102

1 Names of Reporting Persons  
Advent Partners GPE VII-A Limited Partnership  
Check the appropriate box if a member of a Group (see instructions)

2  (a)  
 (b)

3 Sec Use Only

4 Citizenship or Place of Organization  
DELAWARE

5 Sole Voting Power  
1,478.00

Number of Shares Beneficially Owned by Each Reporting Person With:

6 Shared Voting Power  
0.00

7 Sole Dispositive Power  
1,478.00

8 Shared Dispositive Power  
0.00

9 Aggregate Amount Beneficially Owned by Each Reporting Person  
1,478.00

10 Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

11 Percent of class represented by amount in row (9)  
0.06 %

12 Type of Reporting Person (See Instructions)  
PN

**Comment for Type of Reporting Person:** The reported percentage is calculated based on 2,540,849 shares of Common Stock outstanding as of April 29, 2025, as reported on the Issuer's 10-Q filed with the SEC on May 1, 2025.

SCHEDULE 13G

CUSIP No. 628877102

1 Names of Reporting Persons  
Advent Partners GPE VII-B Cayman Limited Partnership  
Check the appropriate box if a member of a Group (see instructions)

2  (a)  
 (b)

3 Sec Use Only

4 Citizenship or Place of Organization

CAYMAN ISLANDS

		Sole Voting Power
	5	14,489.00
Number of Shares Beneficially Owned by Each Reporting Person With:		Shared Voting Power
	6	0.00
		Sole Dispositive Power
	7	14,489.00
		Shared Dispositive Power
	8	0.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person	
		14,489.00
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)	
		<input type="checkbox"/>
11	Percent of class represented by amount in row (9)	
		0.57 %
12	Type of Reporting Person (See Instructions)	
		PN

**Comment for Type of Reporting Person:** The reported percentage is calculated based on 2,540,849 shares of Common Stock outstanding as of April 29, 2025, as reported on the Issuer's 10-Q filed with the SEC on May 1, 2025.

SCHEDULE 13G

CUSIP No. 628877102

1	Names of Reporting Persons	
	Advent Partners GPE VII Cayman Limited Partnership	
	Check the appropriate box if a member of a Group (see instructions)	
2		<input type="checkbox"/> (a)
		<input checked="" type="checkbox"/> (b)
3	Sec Use Only	
4	Citizenship or Place of Organization	
	CAYMAN ISLANDS	
		Sole Voting Power
	5	13,010.00
Number of Shares Beneficially Owned by Each Reporting Person With:		Shared Voting Power
	6	0.00
		Sole Dispositive Power
	7	13,010.00
		Shared Dispositive Power
	8	0.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person	

10 13,010.00  
 Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

11

Percent of class represented by amount in row (9)

12 0.51 %  
 Type of Reporting Person (See Instructions)

PN

**Comment for Type of Reporting Person:** The reported percentage is calculated based on 2,540,849 shares of Common Stock outstanding as of April 29, 2025, as reported on the Issuer's 10-Q filed with the SEC on May 1, 2025.

## SCHEDULE 13G

**CUSIP No.** 628877102

1 Names of Reporting Persons

Advent Partners GPE VII-A Cayman Limited Partnership

Check the appropriate box if a member of a Group (see instructions)

2  (a)

(b)

3 Sec Use Only

4 Citizenship or Place of Organization

CAYMAN ISLANDS

5 Sole Voting Power

3,400.00

Number of Shares Beneficially Owned by Each Reporting Person With:

6 Shared Voting Power

0.00

7 Sole Dispositive Power

3,400.00

8 Shared Dispositive Power

0.00

9 Aggregate Amount Beneficially Owned by Each Reporting Person

3,400.00

10 Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

11 Percent of class represented by amount in row (9)

0.13 %

12 Type of Reporting Person (See Instructions)

PN

**Comment for Type of Reporting Person:** The reported percentage is calculated based on 2,540,849 shares of Common Stock outstanding as of April 29, 2025, as reported on the Issuer's 10-Q filed with the SEC on May 1, 2025.

# SCHEDULE 13G

CUSIP No. 628877102

1 Names of Reporting Persons  
Advent International GPE VII Limited Partnership  
Check the appropriate box if a member of a Group (see instructions)

2  (a)  
 (b)

3 Sec Use Only

4 Citizenship or Place of Organization  
DELAWARE

5 Sole Voting Power  
184,655.00

Number of Shares Beneficially Owned by Each Reporting Person With:

6 Shared Voting Power  
0.00

7 Sole Dispositive Power  
184,655.00

8 Shared Dispositive Power  
0.00

9 Aggregate Amount Beneficially Owned by Each Reporting Person  
184,655.00  
Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

11 Percent of class represented by amount in row (9)  
7.27 %

12 Type of Reporting Person (See Instructions)  
PN

**Comment for Type of Reporting Person:** The reported percentage is calculated based on 2,540,849 shares of Common Stock outstanding as of April 29, 2025, as reported on the Issuer's 10-Q filed with the SEC on May 1, 2025.

# SCHEDULE 13G

CUSIP No. 628877102

1 Names of Reporting Persons  
Advent International GPE VII-A Limited Partnership  
Check the appropriate box if a member of a Group (see instructions)

2  (a)  
 (b)

3 Sec Use Only

4 Citizenship or Place of Organization

CAYMAN ISLANDS

	Sole Voting Power
5	170,906.00
Number of Shares Beneficially Owned by Each Reporting Person With:	Shared Voting Power
6	0.00
	Sole Dispositive Power
7	170,906.00
	Shared Dispositive Power
8	0.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person
	170,906.00
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)
	<input type="checkbox"/>
11	Percent of class represented by amount in row (9)
	6.73 %
12	Type of Reporting Person (See Instructions)
	PN

**Comment for Type of Reporting Person:** The reported percentage is calculated based on 2,540,849 shares of Common Stock outstanding as of April 29, 2025, as reported on the Issuer's 10-Q filed with the SEC on May 1, 2025.

SCHEDULE 13G

CUSIP No. 628877102

1	Names of Reporting Persons
	Advent International GPE VII-B Limited Partnership
	Check the appropriate box if a member of a Group (see instructions)
2	<input type="checkbox"/> (a)
	<input checked="" type="checkbox"/> (b)
3	Sec Use Only
4	Citizenship or Place of Organization
	DELAWARE
	Sole Voting Power
5	429,483.00
Number of Shares Beneficially Owned by Each Reporting Person With:	Shared Voting Power
6	0.00
	Sole Dispositive Power
7	429,483.00
	Shared Dispositive Power
8	0.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person

429,483.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

Percent of class represented by amount in row (9)

11

16.9 %

Type of Reporting Person (See Instructions)

12

PN

**Comment for Type of Reporting Person:** The reported percentage is calculated based on 2,540,849 shares of Common Stock outstanding as of April 29, 2025, as reported on the Issuer's 10-Q filed with the SEC on May 1, 2025.

### SCHEDULE 13G

**CUSIP No.** 628877102

Names of Reporting Persons

1

Advent International GPE VII-C Limited Partnership

Check the appropriate box if a member of a Group (see instructions)

2

(a)

(b)

3

Sec Use Only

Citizenship or Place of Organization

4

DELAWARE

Sole Voting Power

5

136,459.00

Number of  
Shares

Shared Voting Power

6

Beneficially  
Owned by

0.00

Each

Sole Dispositive Power

7

Reporting  
Person

136,459.00

With:

Shared Dispositive

8

Power

0.00

Aggregate Amount Beneficially Owned by Each Reporting Person

9

136,459.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

Percent of class represented by amount in row (9)

11

5.37 %

Type of Reporting Person (See Instructions)

12

PN

**Comment for Type of Reporting Person:** The reported percentage is calculated based on 2,540,849 shares of Common Stock outstanding as of April 29, 2025, as reported on the Issuer's 10-Q filed with the SEC on May 1, 2025.

SCHEDULE 13G

CUSIP No. 628877102

1 Names of Reporting Persons  
Advent International GPE VII-D Limited Partnership  
Check the appropriate box if a member of a Group (see instructions)

2  (a)  
 (b)

3 Sec Use Only

4 Citizenship or Place of Organization  
DELAWARE

5 Sole Voting Power  
110,586.00

Number of Shares Beneficially Owned by Each Reporting Person With:

6 Shared Voting Power  
0.00

7 Sole Dispositive Power  
110,586.00

8 Shared Dispositive Power  
0.00

9 Aggregate Amount Beneficially Owned by Each Reporting Person  
110,586.00  
Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

11 Percent of class represented by amount in row (9)  
4.35 %

12 Type of Reporting Person (See Instructions)  
PN

**Comment for Type of Reporting Person:** The reported percentage is calculated based on 2,540,849 shares of Common Stock outstanding as of April 29, 2025, as reported on the Issuer's 10-Q filed with the SEC on May 1, 2025.

SCHEDULE 13G

CUSIP No. 628877102

1 Names of Reporting Persons  
Advent International GPE VII-E Limited Partnership  
Check the appropriate box if a member of a Group (see instructions)

2  (a)  
 (b)

3 Sec Use Only

4 Citizenship or Place of Organization

	DELAWARE
	Sole Voting Power
5	309,435.00
Number of Shares Beneficially Owned by Each Reporting Person With:	Shared Voting Power
6	0.00
	Sole Dispositive Power
7	309,435.00
	Shared Dispositive Power
8	0.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person
	309,435.00
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)
	<input type="checkbox"/>
11	Percent of class represented by amount in row (9)
	12.18 %
12	Type of Reporting Person (See Instructions)
	PN

**Comment for Type of Reporting Person:** The reported percentage is calculated based on 2,540,849 shares of Common Stock outstanding as of April 29, 2025, as reported on the Issuer's 10-Q filed with the SEC on May 1, 2025.

## SCHEDULE 13G

**CUSIP No.** 628877102

1	Names of Reporting Persons
	Advent International GPE VII-F Limited Partnership
	Check the appropriate box if a member of a Group (see instructions)
2	<input type="checkbox"/> (a)
	<input checked="" type="checkbox"/> (b)
3	Sec Use Only
4	Citizenship or Place of Organization
	DELAWARE
	Sole Voting Power
5	39,918.00
Number of Shares Beneficially Owned by Each Reporting Person With:	Shared Voting Power
6	0.00
	Sole Dispositive Power
7	39,918.00
	Shared Dispositive Power
8	0.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person

39,918.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

Percent of class represented by amount in row (9)

11

1.57 %

Type of Reporting Person (See Instructions)

12

PN

**Comment for Type of Reporting Person:** The reported percentage is calculated based on 2,540,849 shares of Common Stock outstanding as of April 29, 2025, as reported on the Issuer's 10-Q filed with the SEC on May 1, 2025.

### SCHEDULE 13G

**CUSIP No.** 628877102

Names of Reporting Persons

1

Advent International GPE VII-G Limited Partnership

Check the appropriate box if a member of a Group (see instructions)

2

(a)

(b)

3

Sec Use Only

Citizenship or Place of Organization

4

DELAWARE

Sole Voting Power

5

39,918.00

Number of Shares Beneficially Owned by Each Reporting Person With:

Shared Voting Power

6

0.00

Sole Dispositive Power

7

39,918.00

Shared Dispositive

8

Power

0.00

Aggregate Amount Beneficially Owned by Each Reporting Person

9

39,918.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

Percent of class represented by amount in row (9)

11

1.57 %

Type of Reporting Person (See Instructions)

12

PN

**Comment for Type of Reporting Person:** The reported percentage is calculated based on 2,540,849 shares of Common Stock outstanding as of April 29, 2025, as reported on the Issuer's 10-Q filed with the SEC on May 1, 2025.

# SCHEDULE 13G

CUSIP No. 628877102

Names of Reporting Persons

1

Advent International GPE VII-H Limited Partnership

Check the appropriate box if a member of a Group (see instructions)

2

(a)

(b)

3

Sec Use Only

Citizenship or Place of Organization

4

DELAWARE

Sole Voting Power

5

24,098.00

Number of  
Shares

Shared Voting Power

Beneficially  
Owned by

6

0.00

Each

Sole Dispositive Power

Reporting  
Person

7

24,098.00

With:

Shared Dispositive

8

Power

0.00

Aggregate Amount Beneficially Owned by Each Reporting Person

9

24,098.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10

Percent of class represented by amount in row (9)

11

0.95 %

Type of Reporting Person (See Instructions)

12

PN

**Comment for Type of Reporting Person:** The reported percentage is calculated based on 2,540,849 shares of Common Stock outstanding as of April 29, 2025, as reported on the Issuer's 10-Q filed with the SEC on May 1, 2025.

# SCHEDULE 13G

Item 1.

Name of issuer:

(a)

NCS Multistage Holdings, Inc.

Address of issuer's principal executive offices:

(b)

19450 State Highway, 249, Suite 200, Houston, Texas, 77070

Item 2.

(a)

Name of person filing:

This statement is being jointly filed by each of the persons below pursuant to Rule 13d-1(k) promulgated by the SEC pursuant to Section 13 of the Act, all of whom together are referred to herein as the "Reporting Persons": (i) Advent International, L.P., a Delaware limited partnership (f/k/a Advent International Corporation); (ii) Advent International GPE VII LLC, a Delaware LLC; (iii) Advent-NCS Acquisition Limited Partnership, a Delaware limited partnership;

(iv) Advent-NCS GP LLC, a Delaware LLC; (v) GPE VII GP Limited Partnership, a Cayman Islands limited partnership (vi) GPE VII GP (Delaware) Limited Partnership, a Delaware limited partnership; (vii) Advent Partners GPE VII Limited Partnership, a Delaware limited partnership; (viii) Advent Partners GPE VII-A Limited Partnership, a Delaware limited partnership; (ix) Advent Partners GPE VII-B Cayman Limited Partnership, a Cayman Islands limited partnership; (x) Advent Partners GPE VII Cayman Limited Partnership, a Cayman Islands limited partnership; (xi) Advent Partners GPE VII-A Cayman Limited Partnership, a Cayman Islands limited partnership; (xii) Advent International GPE VII Limited Partnership, a Delaware limited partnership; (xiii) Advent International GPE VII-A Limited Partnership, a Cayman Islands limited partnership; (xiv) Advent International GPE VII-B Limited Partnership, a Delaware limited partnership; (xv) Advent International GPE VII-C Limited Partnership, a Delaware limited partnership; (xvi) Advent International GPE VII-D Limited Partnership, a Delaware limited partnership; (xvii) Advent International GPE VII-E Limited Partnership, a Cayman Islands limited partnership; (xviii) Advent International GPE VII-F Limited Partnership, a Delaware limited partnership; (xix) Advent International GPE VII-G Limited Partnership, a Delaware limited partnership; and (xx) Advent International GPE VII-H Limited Partnership, a Cayman Islands limited partnership. Advent International, L.P. is the manager of Advent International GPE VII LLC, which in turn is the general partner of GPE VII GP Limited Partnership, GPE VII GP (Delaware) Limited Partnership, Advent Partners GPE VII Limited Partnership, Advent Partners GPE VII-A Limited Partnership, Advent Partners GPE VII-B Limited Partnership, Advent Partners GPE VII Cayman Limited Partnership, and Advent Partners GPE VII-A Cayman Limited Partnership. GPE VII GP Limited Partnership is the general partner of Advent International GPE VII-A Limited Partnership, Advent International GPE VII-E Limited Partnership, and Advent International GPE VII-H Limited Partnership. GPE VII GP (Delaware) Limited Partnership is the general partner of Advent International GPE VII Limited Partnership, Advent International GPE VII-B Limited Partnership, Advent International GPE VII-C Limited Partnership, Advent International GPE VII-D Limited Partnership, Advent International GPE VII-F Limited Partnership, and Advent International GPE VII-G Limited Partnership. Advent-NCS GP LLC is a general partner of Advent-NCS Acquisition Limited Partnership. Advent Partners GPE VII Limited Partnership, Advent Partners GPE VII-A Limited Partnership, Advent Partners GPE VII-B Cayman Limited Partnership, Advent Partners GPE VII Cayman Limited Partnership, Advent Partners GPE VII-A Cayman Limited Partnership, Advent International GPE VII Limited Partnership, Advent International GPE VII-A Limited Partnership, Advent International GPE VII-B Limited Partnership, Advent International GPE VII-C Limited Partnership, Advent International GPE VII-D Limited Partnership, Advent International GPE VII-F Limited Partnership, and Advent International GPE VII-H Limited Partnership, are members of Advent-NCS GP LLC.

Address or principal business office or, if none, residence:

(b)

Prudential Tower, 800 Boylston Street, Boston, Massachusetts 02199

Citizenship:

(c)

See responses to row 4 on each cover page.

Title of class of securities:

(d)

Common Stock, par value \$0.01 per share

CUSIP No.:

(e)

628877102

Item 3. If this statement is filed pursuant to Â§ 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

- (a)  Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);
- (b)  Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);
- (c)  Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);
- (d)  Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);
- (e)  An investment adviser in accordance with Â§ 240.13d-1(b)(1)(ii)(E);
- (f)  An employee benefit plan or endowment fund in accordance with Â§ 240.13d-1(b)(1)(ii)(F);
- (g)  A parent holding company or control person in accordance with Â§ 240.13d-1(b)(1)(ii)(G);
- (h)  A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i)  A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j)  A non-U.S. institution in accordance with Â§ 240.13d-1(b)(1)(ii)(J). If filing as a non-U.S. institution in accordance with Â§ 240.13d-1(b)(1)(ii)(J), please specify the type of institution:
- (k)  Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K).

Item 4. Ownership

(a) Amount beneficially owned:

See responses to row 9 on each cover page hereto which, together with the information set forth in Item 2 of this Statement, are incorporated by reference into this Item 4.

Percent of class:

- (b) See responses to row 11 on each cover page. %
- (c) Number of shares as to which the person has:
- (i) Sole power to vote or to direct the vote:  
See responses to row 5 on each cover page.
- (ii) Shared power to vote or to direct the vote:  
See responses to row 6 on each cover page.
- (iii) Sole power to dispose or to direct the disposition of:  
See responses to row 7 on each cover page.
- (iv) Shared power to dispose or to direct the disposition of:  
See responses to row 8 on each cover page.

Item 5. Ownership of 5 Percent or Less of a Class.

Item 6. Ownership of more than 5 Percent on Behalf of Another Person.  
Not Applicable

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.  
Not Applicable

Item 8. Identification and Classification of Members of the Group.  
Not Applicable

Item 9. Notice of Dissolution of Group.  
Not Applicable

Item 10. Certifications:  
Not Applicable

#### SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

ADVENT INTERNATIONAL, L.P.

Signature: /s/ Neil Crawford  
Name/Title: Neil Crawford / Authorized Signatory  
Date: 05/15/2025

Advent International GPE VII LLC

Signature: /s/ Neil Crawford  
Name/Title: Neil Crawford / Authorized Signatory, See Exhibit 99.2  
Date: 05/15/2025

Advent-NCS Acquisition Limited Partnership

Signature: /s/ Neil Crawford  
Name/Title: Neil Crawford / Authorized Signatory, See Exhibit 99.2  
Date: 05/15/2025

Advent-NCS GP LLC

Signature: /s/ Neil Crawford

Name/Title: Neil Crawford / Authorized Signatory

Date: 05/15/2025

GPE VII GP Limited Partnership

Signature: /s/ Neil Crawford

Name/Title: Neil Crawford / Authorized Signatory, See Exhibit 99.2

Date: 05/15/2025

GPE VII GP (Delaware) Limited Partnership

Signature: /s/ Neil Crawford

Name/Title: Neil Crawford / Authorized Signatory, See Exhibit 99.2

Date: 05/15/2025

Advent Partners GPE VII Limited Partnership

Signature: /s/ Neil Crawford

Name/Title: Neil Crawford / Authorized Signatory, See Exhibit 99.2

Date: 05/15/2025

Advent Partners GPE VII-A Limited Partnership

Signature: /s/ Neil Crawford

Name/Title: Neil Crawford / Authorized Signatory, See Exhibit 99.2

Date: 05/15/2025

Advent Partners GPE VII-B Cayman Limited Partnership

Signature: /s/ Neil Crawford

Name/Title: Neil Crawford / Authorized Signatory, See Exhibit 99.2

Date: 05/15/2025

Advent Partners GPE VII Cayman Limited Partnership

Signature: /s/ Neil Crawford

Name/Title: Neil Crawford / Authorized Signatory, See Exhibit 99.2

Date: 05/15/2025

Advent Partners GPE VII-A Cayman Limited Partnership

Signature: /s/ Neil Crawford

Name/Title: Neil Crawford / Authorized Signatory, See Exhibit 99.2

Date: 05/15/2025

Advent International GPE VII Limited Partnership

Signature: /s/ Neil Crawford

Name/Title: Neil Crawford / Authorized Signatory, See Exhibit 99.2

Date: 05/15/2025

Advent International GPE VII-A Limited Partnership

Signature: /s/ Neil Crawford

Name/Title: Neil Crawford / Authorized Signatory, See Exhibit 99.2

Date: 05/15/2025

Advent International GPE VII-B Limited Partnership

Signature: /s/ Neil Crawford

Name/Title: Neil Crawford / Authorized Signatory, See

Exhibit 99.2

Date: 05/15/2025

Advent International GPE VII-C Limited Partnership

Signature: /s/ Neil Crawford

Name/Title: Neil Crawford / Authorized Signatory, See Exhibit 99.2

Date: 05/15/2025

Advent International GPE VII-D Limited Partnership

Signature: /s/ Neil Crawford

Name/Title: Neil Crawford / Authorized Signatory, See Exhibit 99.2

Date: 05/15/2025

Advent International GPE VII-E Limited Partnership

Signature: /s/ Neil Crawford

Name/Title: Neil Crawford / Authorized Signatory, See Exhibit 99.2

Date: 05/15/2025

Advent International GPE VII-F Limited Partnership

Signature: /s/ Neil Crawford

Name/Title: Neil Crawford / Authorized Signatory, See Exhibit 99.2

Date: 05/15/2025

Advent International GPE VII-G Limited Partnership

Signature: /s/ Neil Crawford

Name/Title: Neil Crawford / Authorized Signatory, See Exhibit 99.2

Date: 05/15/2025

Advent International GPE VII-H Limited Partnership

Signature: /s/ Neil Crawford

Name/Title: Neil Crawford / Authorized Signatory, See Exhibit 99.2

Date: 05/15/2025

**Exhibit Information**

99.1 Joint Filing Agreement, dated May 15, 2025 99.2 Signature Page, dated May 15, 2025

## JOINT FILING AGREEMENT

In accordance with Rule 13d-1(k)(1) promulgated under the Securities Exchange Act of 1934, as amended, the undersigned hereby agree to the joint filing with each of the Reporting Persons (as such term is defined in the Schedule 13G Amendment referred to below) on behalf of each of them of a statement on Schedule 13G Amendment (including amendments thereto) with respect to the Common Stock, par value \$0.01 per share, of NCS Multistage Holdings, Inc., a Delaware corporation, and that this agreement may be included as an exhibit to such joint filing.

Date: May 15, 2025

Advent International GPE VII-A Limited Partnership  
 Advent International GPE VH-E Limited Partnership  
 Advent International GPE VH-H Limited Partnership  
 By: GPE VIIGP Limited Partnership, General Partner  
 By: Advent International GPE VII LLC, General Partner  
 By: Advent International L.P., Manager  
 By: Neil Crawford, Authorized Signatory

/s/ Neil Crawford

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Signature

Advent International GPE VII Limited Partnership  
 Advent International GPE VH-B Limited Partnership  
 Advent International GPE VH-C Limited Partnership  
 Advent International GPE VH-D Limited Partnership  
 Advent International GPE VH-F Limited Partnership  
 Advent International GPE VII-G Limited Partnership  
 By: GPE VII GP (Delaware) Limited Partnership, General Partner  
 By: Advent International GPE VII LLC, General Partner  
 By: Advent International L.P., Manager  
 By: Neil Crawford, Authorized Signatory

/s/ Neil Crawford

---

Signature

Advent Partners GPE VII Limited Partnership  
 Advent Partners GPE VII-A Limited Partnership  
 Advent Partners GPE VH-B Cayman Limited Partnership  
 Advent Partners GPE VII Cayman Limited Partnership  
 Advent Partners GPE VII-A Cayman Limited Partnership  
 By: Advent International GPE VII LLC, General Partner  
 By: Advent International L.P., Manager  
 By: Neil Crawford, Authorized Signatory

/s/ Neil Crawford

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Signature

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GPE VIIGP Limited Partnership  
By: Advent International GPE VII LLC, General Partner  
By: Advent International L.P., Manager  
By: Neil Crawford, Authorized Signatory

/s/ Neil Crawford  
\_\_\_\_\_  
Signature

GPE VII GP (Delaware) Limited Partnership  
By: Advent International GPE VII LLC, General Partner  
By: Advent International L.P., Manager  
By: Neil Crawford, Authorized Signatory

/s/ Neil Crawford  
\_\_\_\_\_  
Signature

Advent International GPE VII LLC  
By: Advent International L.P., Manager  
By: Neil Crawford, Authorized Signatory

/s/ Neil Crawford  
\_\_\_\_\_  
Signature

Advent International L.P.  
By: Neil Crawford, Authorized Signatory

/s/ Neil Crawford  
\_\_\_\_\_  
Signature

Advent-NCS Acquisition Limited Partnership  
By: Advent-NCS GP LLC, General Partner  
By: Neil Crawford, Authorized Signatory

/s/ Neil Crawford  
\_\_\_\_\_  
Signature

Advent-NCS GP LLC  
By: Neil Crawford, Authorized Signatory

/s/ Neil Crawford  
\_\_\_\_\_  
Signature

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SIGNATURE PAGE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: May 15, 2025

Advent International GPE VII-A Limited Partnership  
Advent International GPE VH-E Limited Partnership  
Advent International GPE VH-H Limited Partnership  
By: GPE VIIGP Limited Partnership, General Partner  
By: Advent International GPE VII LLC, General Partner  
By: Advent International L.P., Manager  
By: Neil Crawford, Authorized Signatory

/s/ Neil Crawford

\_\_\_\_\_  
Signature

Advent International GPE VII Limited Partnership  
Advent International GPE VH-B Limited Partnership  
Advent International GPE VH-C Limited Partnership  
Advent International GPE VH-D Limited Partnership  
Advent International GPE VH-F Limited Partnership  
Advent International GPE VII-G Limited Partnership  
By: GPE VII GP (Delaware) Limited Partnership, General Partner  
By: Advent International GPE VII LLC, General Partner  
By: Advent International L.P., Manager  
By: Neil Crawford, Authorized Signatory

/s/ Neil Crawford

\_\_\_\_\_  
Signature

Advent Partners GPE VII Limited Partnership  
Advent Partners GPE VII-A Limited Partnership  
Advent Partners GPE VH-B Cayman Limited Partnership  
Advent Partners GPE VII Cayman Limited Partnership  
Advent Partners GPE VII-A Cayman Limited Partnership  
By: Advent International GPE VII LLC, General Partner  
By: Advent International L.P., Manager  
By: Neil Crawford, Authorized Signatory

/s/ Neil Crawford

\_\_\_\_\_  
Signature

---

GPE VIIGP Limited Partnership  
By: Advent International GPE VII LLC, General Partner  
By: Advent International L.P., Manager  
By: Neil Crawford, Authorized Signatory

/s/ Neil Crawford

\_\_\_\_\_  
Signature

GPE VII GP (Delaware) Limited Partnership  
By: Advent International GPE VII LLC, General Partner  
By: Advent International L.P., Manager  
By: Neil Crawford, Authorized Signatory

/s/ Neil Crawford

\_\_\_\_\_  
Signature

Advent International GPE VII LLC  
By: Advent International L.P., Manager  
By: Neil Crawford, Authorized Signatory

/s/ Neil Crawford

\_\_\_\_\_  
Signature

Advent-NCS Acquisition Limited Partnership  
By: Advent-NCS GP LLC, General Partner  
By: Neil Crawford, Authorized Signatory

/s/ Neil Crawford

\_\_\_\_\_  
Signature

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