NuStep® T5/T5XR

Recumbent Cross Trainer

SERVICE PARTS MANUAL



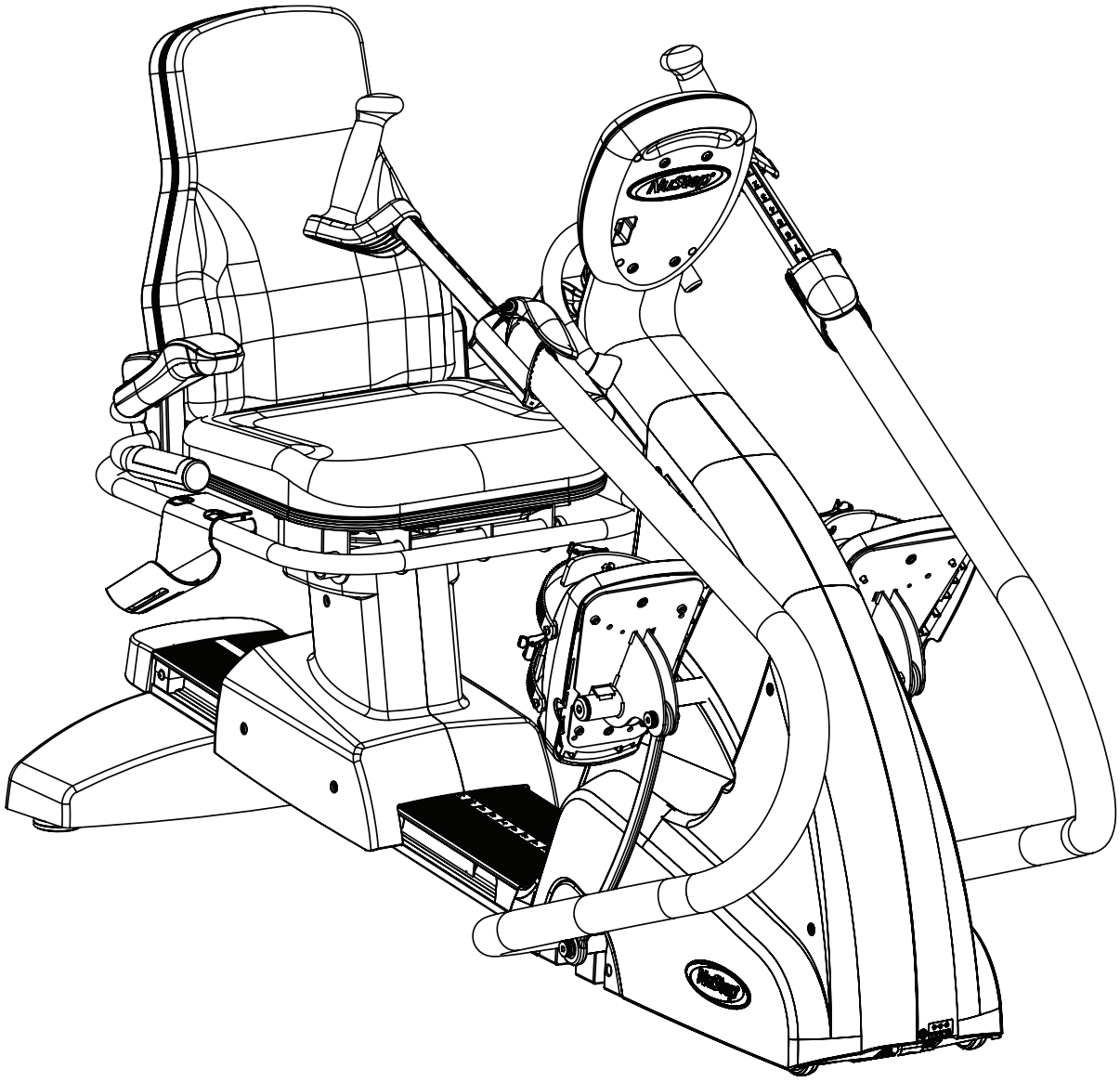
NuStep®

Transforming Lives®

Contents

T5XR Assembled View	5
Console Group Figure 1	6
Console Group Figure 2	7
Front End Group Figure 1	8
Front End Group Figure 2	9
Front End Group Figure 3	10
Front End Group Figure 4	11
Front End Group Figure 5	12
Front End Group Figure 6	13
Front End Group Figure 7	14
Arms Group Figure 1	15
Arms Group Figure 2	16
Foot Pedal Group Figure 1	17
Rear End Group	18
Seat Group Figure 1	19
Seat Group Figure 2 - T5 Seat	20
Seat Group Figure 3 - T5XR Seat	21
Seat Group Figure 4 - T5XR Wide Seat	22
Electronics	23
Electronics	24
Electronics	25

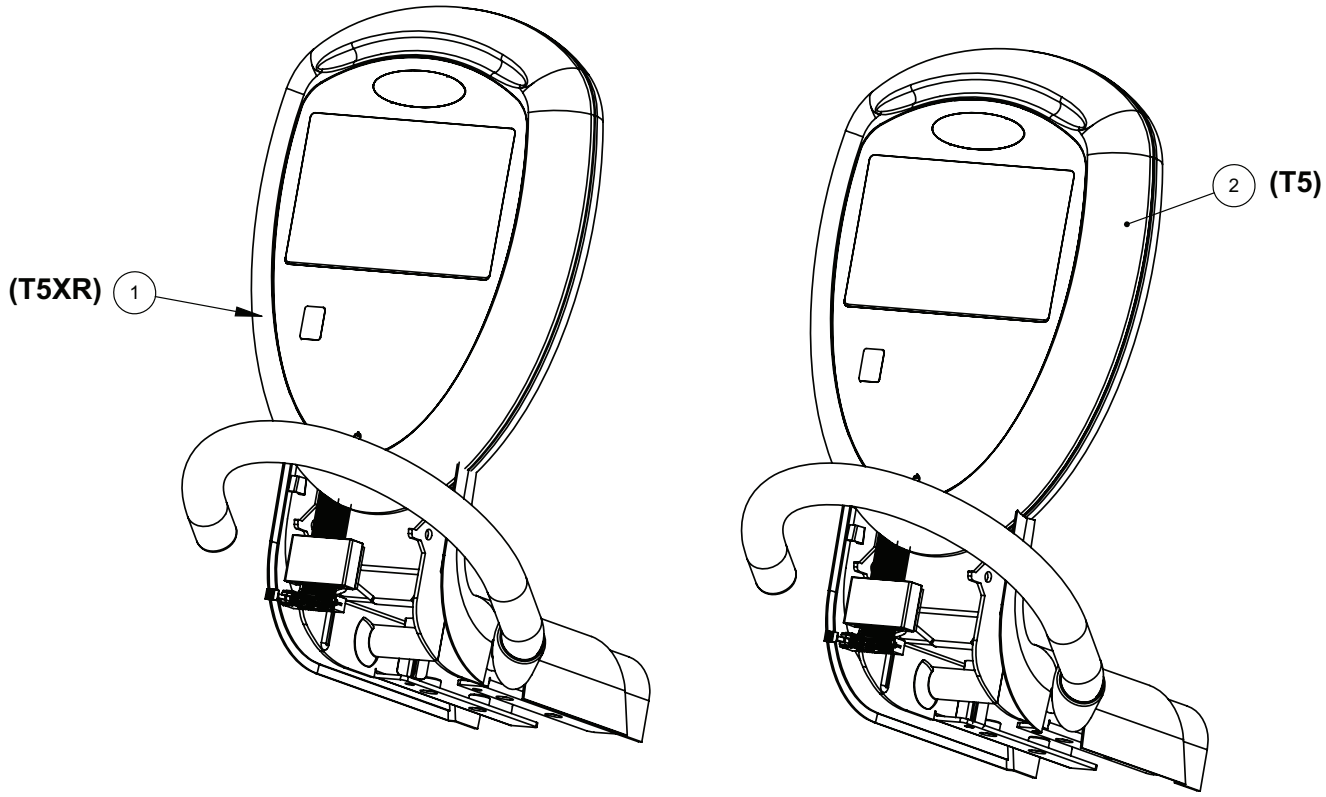
T5XR Assembled View



	TITLE:	DWG. NO.	REV	APP	RELEASE DATE
NuStep	T5 & T5XR PARTS MANUAL	51461	E	LNP	5/26/26

Console Group Figure 1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	56004	Service Kit - Console MTG Assembly - T5XR	1
2	56005	Service Kit - Console MTG Assembly - T5	1

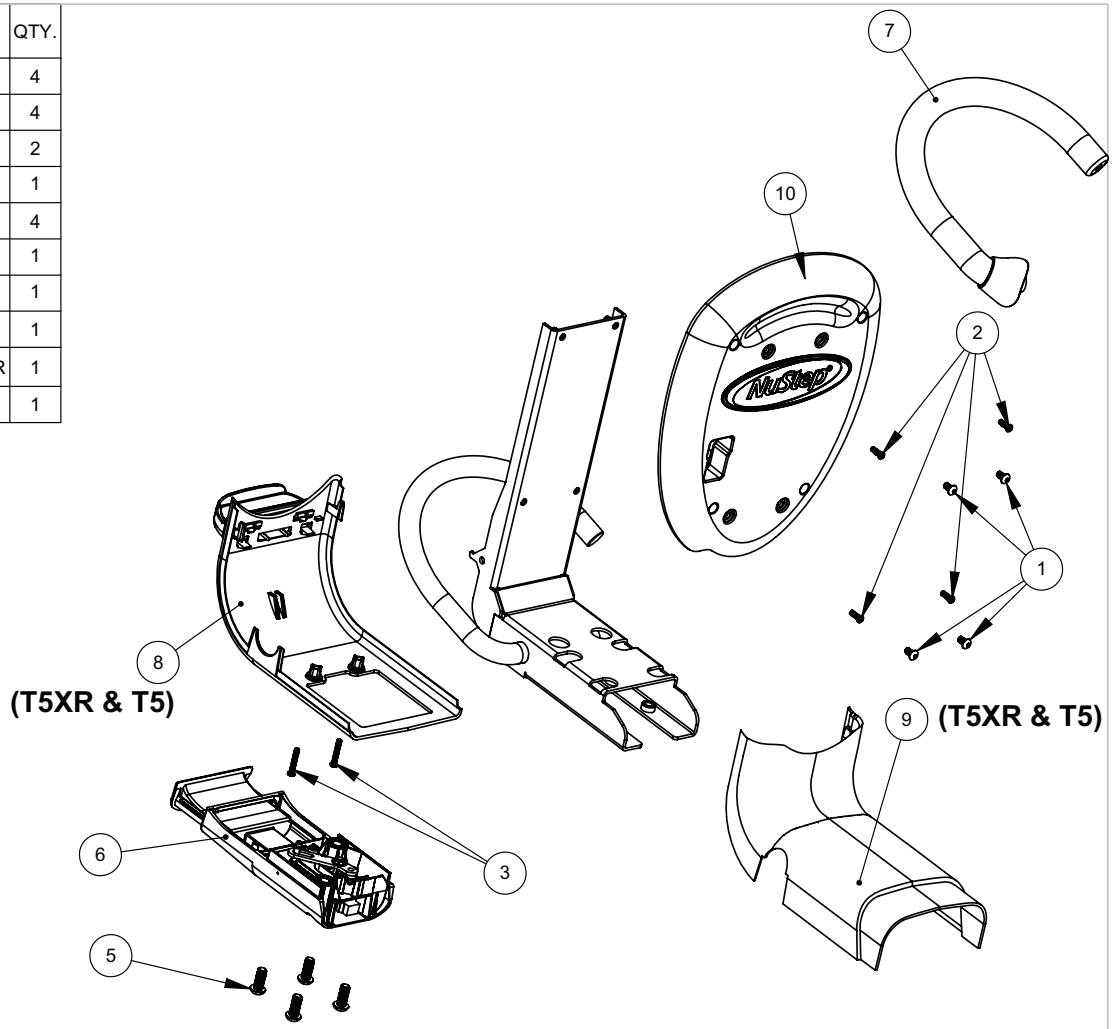


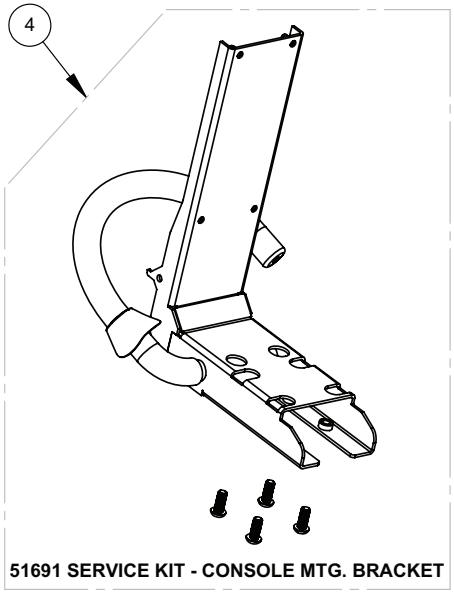
SERVICE KITS MAY INCLUDE INSTRUCTIONS AND TOOLS

TITLE:	DWG. NO.	REV	APP	RELEASE DATE
T5 & T5XR PARTS MANUAL CONSOLE GROUP, FIGURE #1	51375	E	LNP	5/26/26

Console Group Figure 2

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	50697	Screw - BHSC, M5x0.8x10, Hex, SS	4
2	50728	Screw-HiLo, #8-18x.50	4
3	50731	Screw-HiLo, #8-18x1.0	2
4	51691	Service Assembly - Console Mtg. Bracket	1
5	51805	Screw - BHSC, M8x1.25x20, Class 10.9, Hex, Black, Patched	4
6	51894	Service Kit - StrideLock Push Button Assembly, T5 SN >109968	1
7	56006	Service Kit - Grab Ring Grip SN >107174	1
8	56009	Service Kit - Front Console Neck Cover - T5 & T5XR > 109968	1
9	56011	Service Kit - Rear Console Neck Cover - T5 SN > 109968 - All T5XR	1
10	56012	Service Kit - Console Rear Half - T5 & T5XR	1





51691 SERVICE KIT - CONSOLE MTG. BRACKET

UNITS WITH SN BELOW 107174 MUST ORDER ITEM #6 FOR GRAB RING GRIP REPLACEMENT

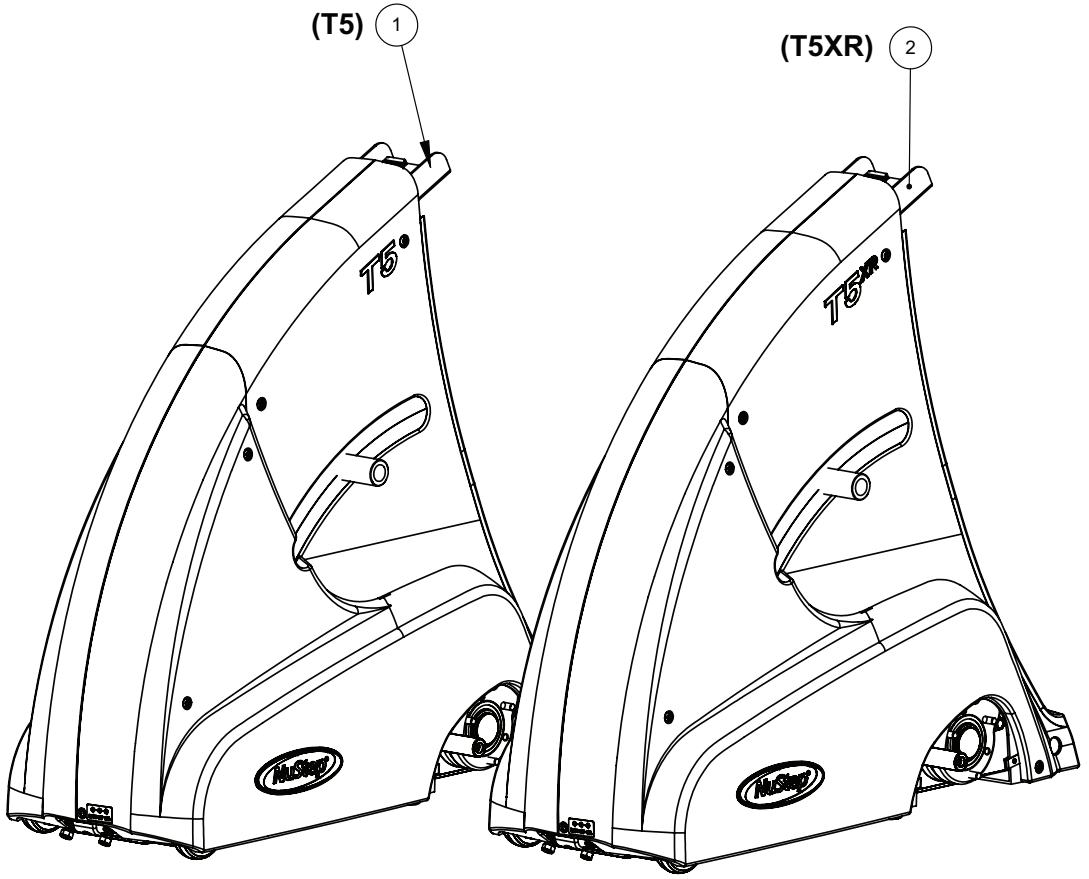
SERVICE KITS MAY INCLUDE INSTRUCTIONS AND TOOLS

TITLE:	DWG. NO.	REV	APP	RELEASE DATE
T5 & T5XR PARTS MANUAL CONSOLE GROUP, FIGURE #2	51376	E	LNP	5/26/26

Front End Group Figure 1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	56089	Service Kit - T5 Front End - SN>109968	1
2	56090	Service Kit - T5XR Front End - SN>109968	1

SERVICE KITS 56087 & 56088 REQUIRE REPLACEMENT OF CONSOLE FRONT HALF
SEE CONSOLE GROUP FIGURE #2, FOR APPROPRIATE SERVICE KIT PART NUMBERS

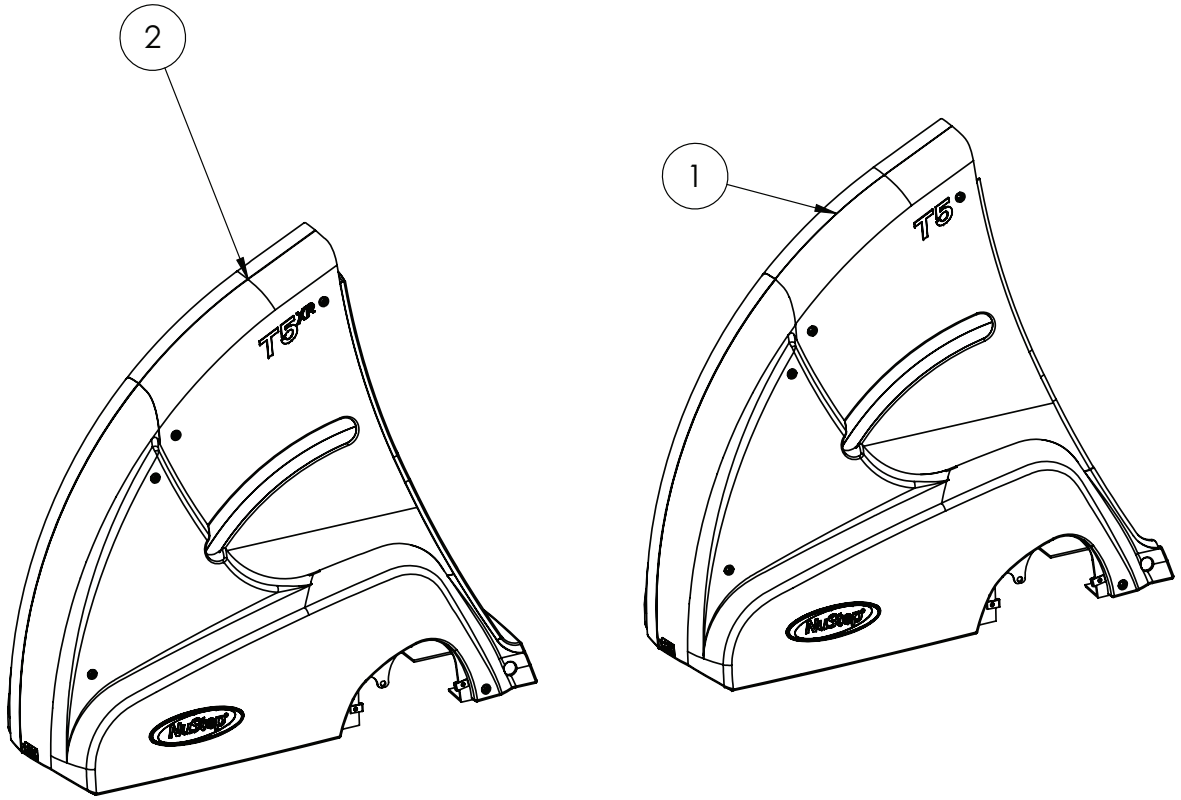


SERVICE KITS MAY CONTAIN INSTRUCTIONS AND TOOLS

TITLE:	DWG. NO.	REV	APP	RELEASE DATE
T5 & T5XR PARTS MANUAL FRONT END GROUP, FIGURE #1	51393	E	LNP	5/26/26

Front End Group Figure 2

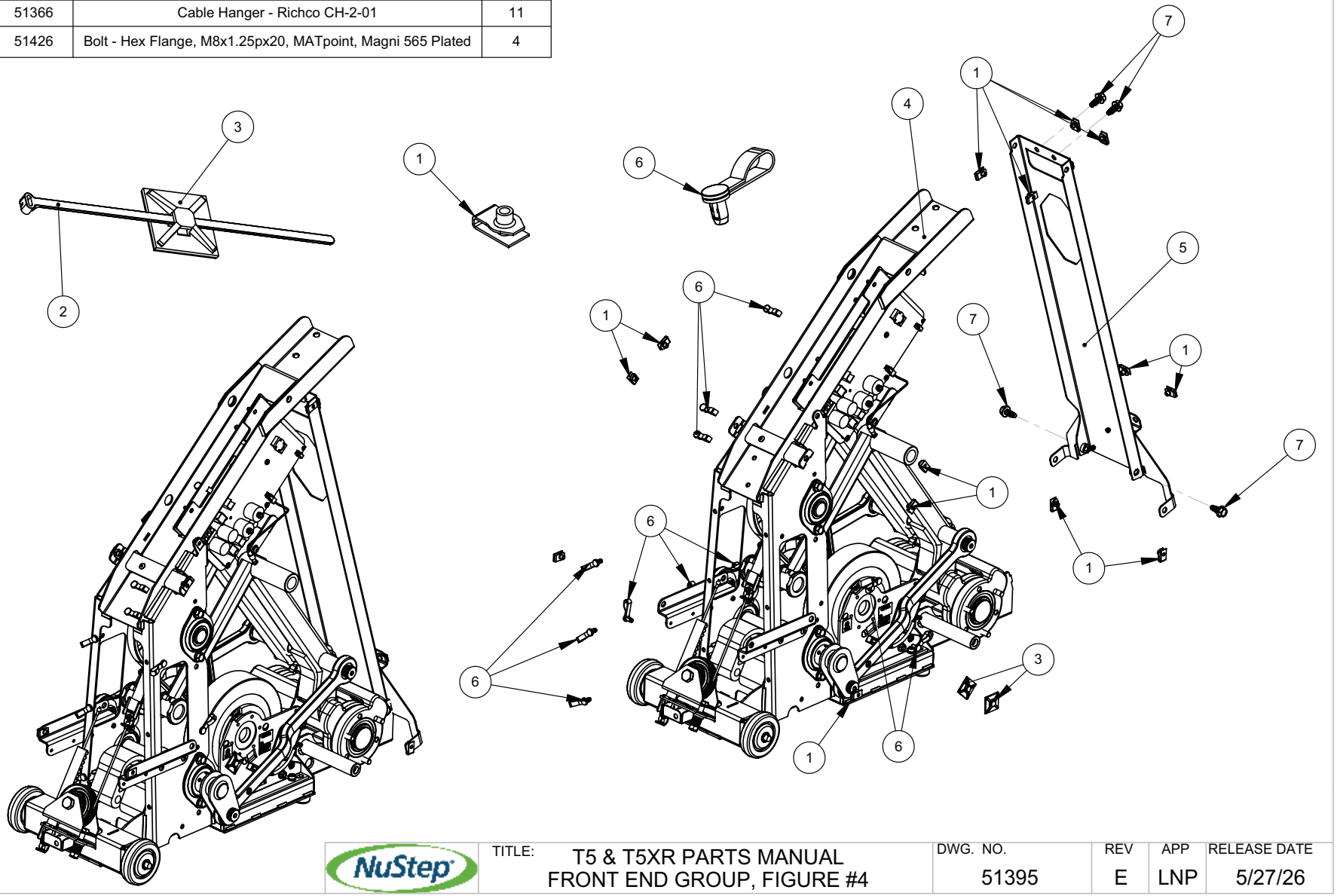
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	56188	Service Kit - T5 Front Covers	1
2	56189	Service Kit T5XR Front Covers	1



Front End Group Figure 3 - Frame (Serial Number ≥ 101793)

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	50670	ITW CIP N623331, U-Nut M5 x .8	14
2	50881	Ty-Rap, Thomas & Betts TY524MX	2
3	50884	Cable Mounting Base T&B #MPNY-1000-0-C	2
4	51357	Assembly - Frame	1
5	51364	Assembly - Frame Brace	1
6	51366	Cable Hanger - Richco CH-2-01	11
7	51426	Bolt - Hex Flange, M8x1.25px20, MATpoint, Magni 565 Plated	4

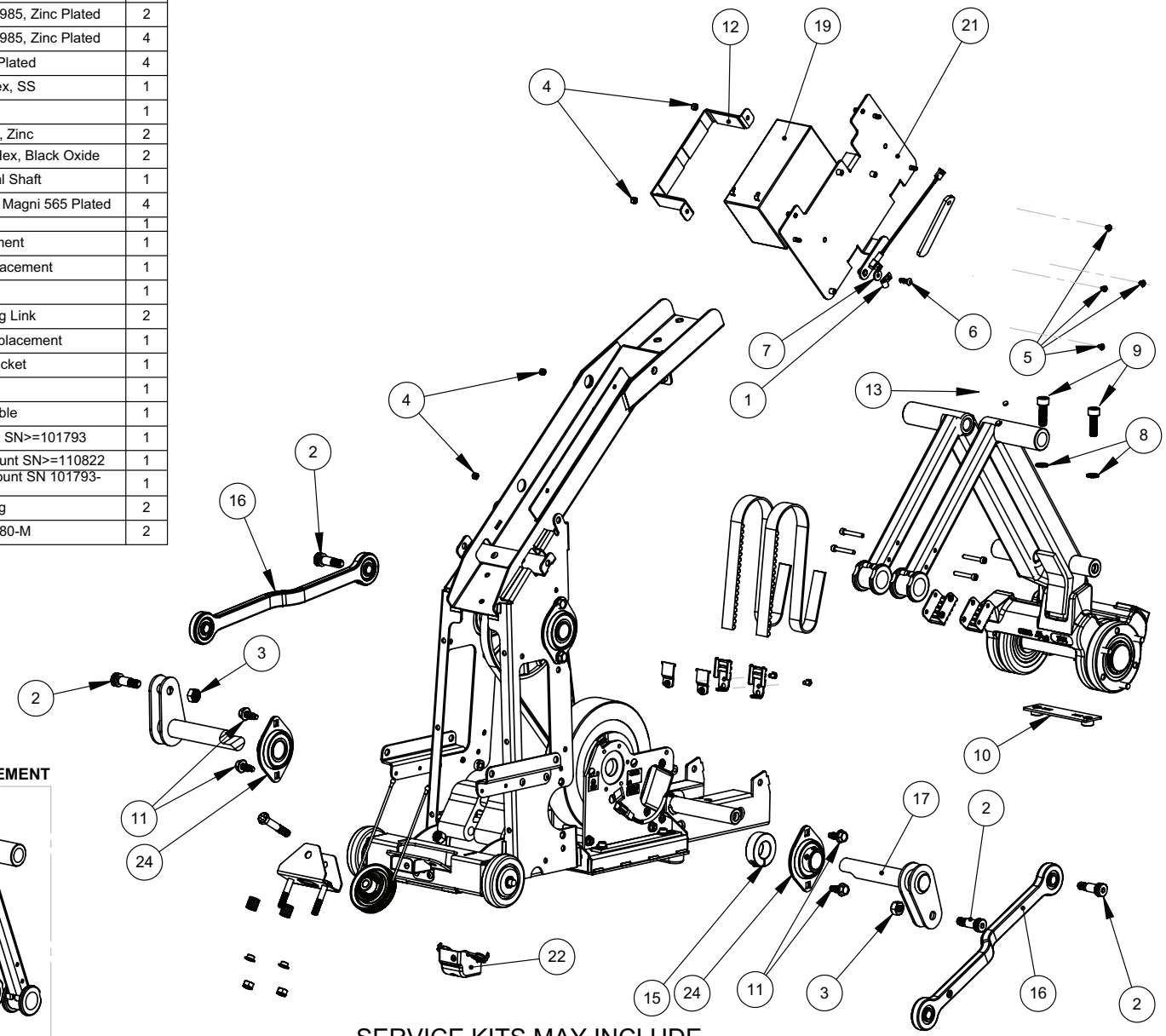
T5 & T5XR FRAME, SECOND GENERATION
UNIT SERIAL NUMBER #101793 OR GREATER



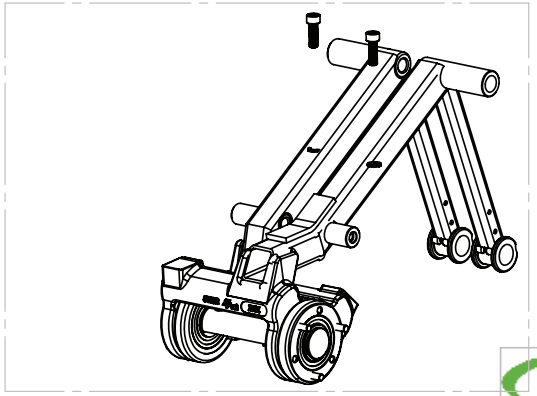
TITLE:	DWG. NO.	REV	APP	RELEASE DATE
T5 & T5XR PARTS MANUAL FRONT END GROUP, FIGURE #4	51395	E	LNP	5/27/26

Front End Group Figure 4

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	41118	CLAMP - STEP SENSOR	1
2	51744	Service Kit - Dorsi Flex, T5XR, LH	4
3	50417	Nut - Locking, Nylon Insert, M10x1.5, DIN 985, Zinc Plated	2
4	50605	Nut - Locking, Nylon Insert, M5x0.8p, DIN 985, Zinc Plated	4
5	50608	Screw - PHP, M4x0.7px5, Zinc Plated	4
6	50704	Screw - BHSC, M5x0.8px16, Hex, SS	1
7	50888	Washer - Cushioning	1
8	50990	Washer - Pair, Nord Lock NL10, Zinc	2
9	50991	Screw - SHC, M10x1.5px30, Class 12.9, Hex, Black Oxide	2
10	50993	Assembly - Nut Plate, Main Pedal Shaft	1
11	51426	Bolt - Hex Flange, M8x1.25px20, MATpoint, Magni 565 Plated	4
12	51469	Service Kit - Battery Strap	1
13	51473	Kit - Sensor Magnet Replacement	1
14	51677	Service Kit - Sickle Assembly Replacement	1
15	51767	Service Kit - Coupling	1
16	56030	Service Kit - Bilateral Connecting Link	2
17	56031	Service Kit - Bilateral Crank Pair Replacement	1
18	56034B	Service Kit - Timing Pulley Bracket	1
19	56035A	Service Kit - Battery	1
20	56037	Service Kit - Step Sensor Cable	1
21	56039	Service Kit - LCB/Battery Mount Bracket SN>=101793	1
22	56040	Service Kit - External Power Connector Mount SN>=110822	1
23	56041	Service Kit - External Power Connector Mount SN 101793-110821	1
24	56043	Service Kit - Flange Bearing	2
25	50940	Spring - SPEC #C0600-092-0880-M	2



51677 SERVICE KIT - SICKLE ASSEMBLY REPLACEMENT

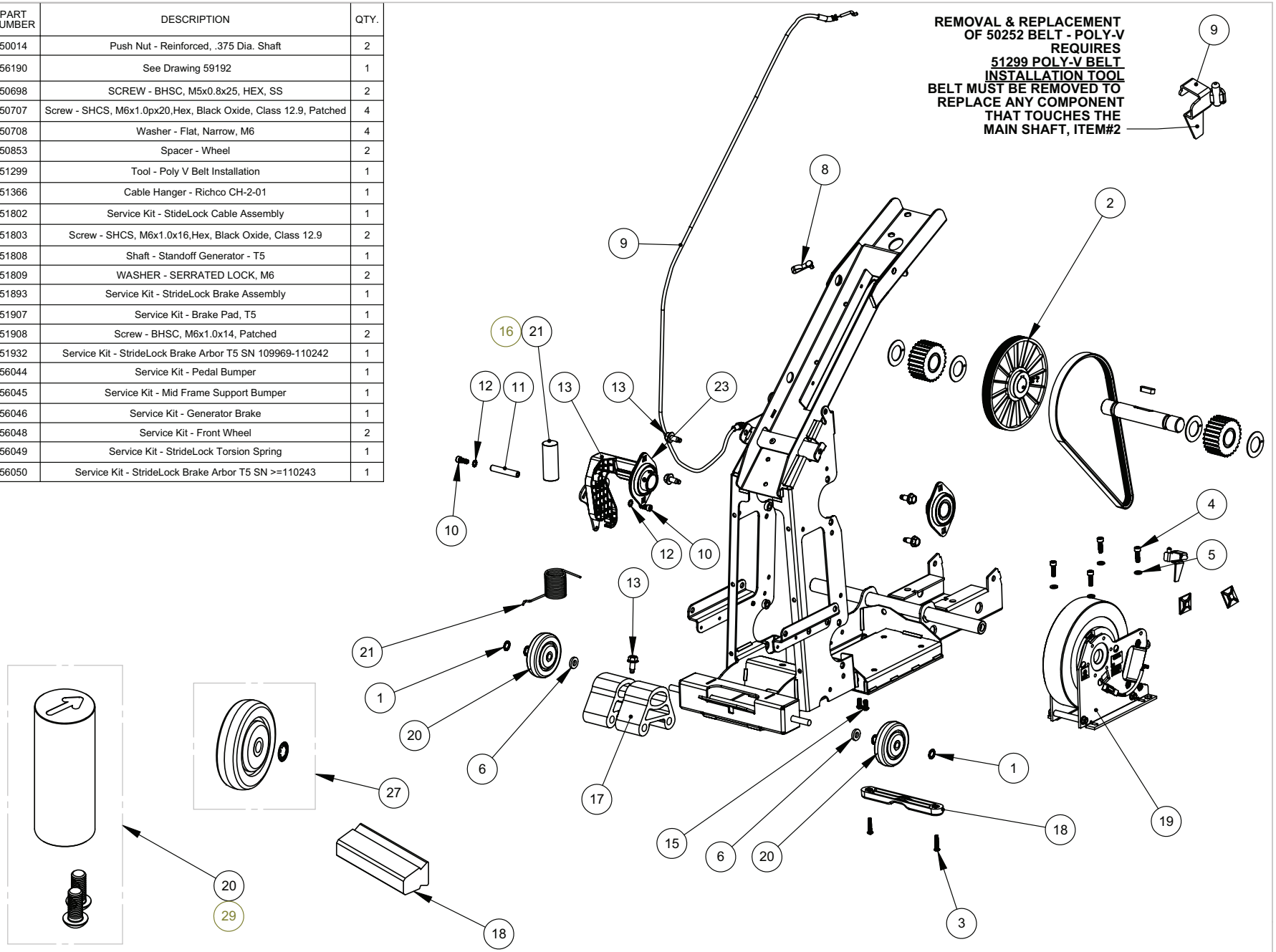


SERVICE KITS MAY INCLUDE
INSTRUCTIONS AND TOOLS

TITLE:	DWG. NO.	REV	APP	RELEASE DATE
T5 & T5XR PARTS MANUAL FRONT END GROUP, FIGURE #5	51397	E	LNP	6/2/26

Front End Group Figure 5

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	50014	Push Nut - Reinforced, .375 Dia. Shaft	2
2	56190	See Drawing 59192	1
3	50698	SCREW - BHSC, M5x0.8x25, HEX, SS	2
4	50707	Screw - SHCS, M6x1.0px20,Hex, Black Oxide, Class 12.9, Patched	4
5	50708	Washer - Flat, Narrow, M6	4
6	50853	Spacer - Wheel	2
7	51299	Tool - Poly V Belt Installation	1
8	51366	Cable Hanger - Richco CH-2-01	1
9	51802	Service Kit - StideLock Cable Assembly	1
10	51803	Screw - SHCS, M6x1.0x16,Hex, Black Oxide, Class 12.9	2
11	51808	Shaft - Standoff Generator - T5	1
12	51809	WASHER - SERRATED LOCK, M6	2
13	51893	Service Kit - StrideLock Brake Assembly	1
14	51907	Service Kit - Brake Pad, T5	1
15	51908	Screw - BHSC, M6x1.0x14, Patched	2
16	51932	Service Kit - StrideLock Brake Arbor T5 SN 109969-110242	1
17	56044	Service Kit - Pedal Bumper	1
18	56045	Service Kit - Mid Frame Support Bumper	1
19	56046	Service Kit - Generator Brake	1
20	56048	Service Kit - Front Wheel	2
21	56049	Service Kit - StrideLock Torsion Spring	1
21	56050	Service Kit - StrideLock Brake Arbor T5 SN >=110243	1

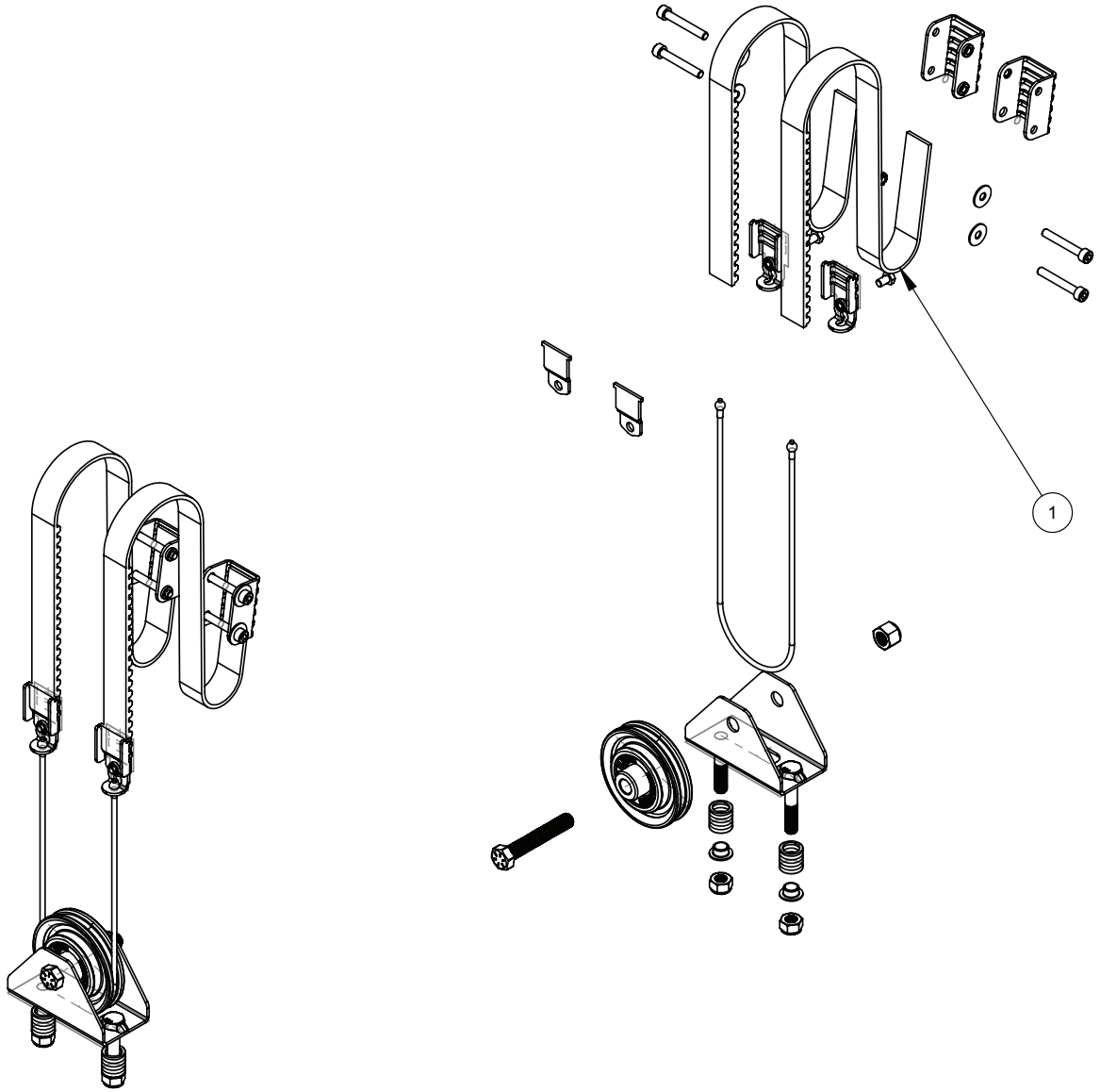


SERVICE KITS MAY INCLUDE INSTRUCTIONS AND TOOLS

TITLE:	DWG. NO.	REV	APP	RELEASE DATE
T5 & T5XR PARTS MANUAL FRONT END GROUP, FIGURE #6	51398	E	LNP	5/27/26

Front End Group Figure 6

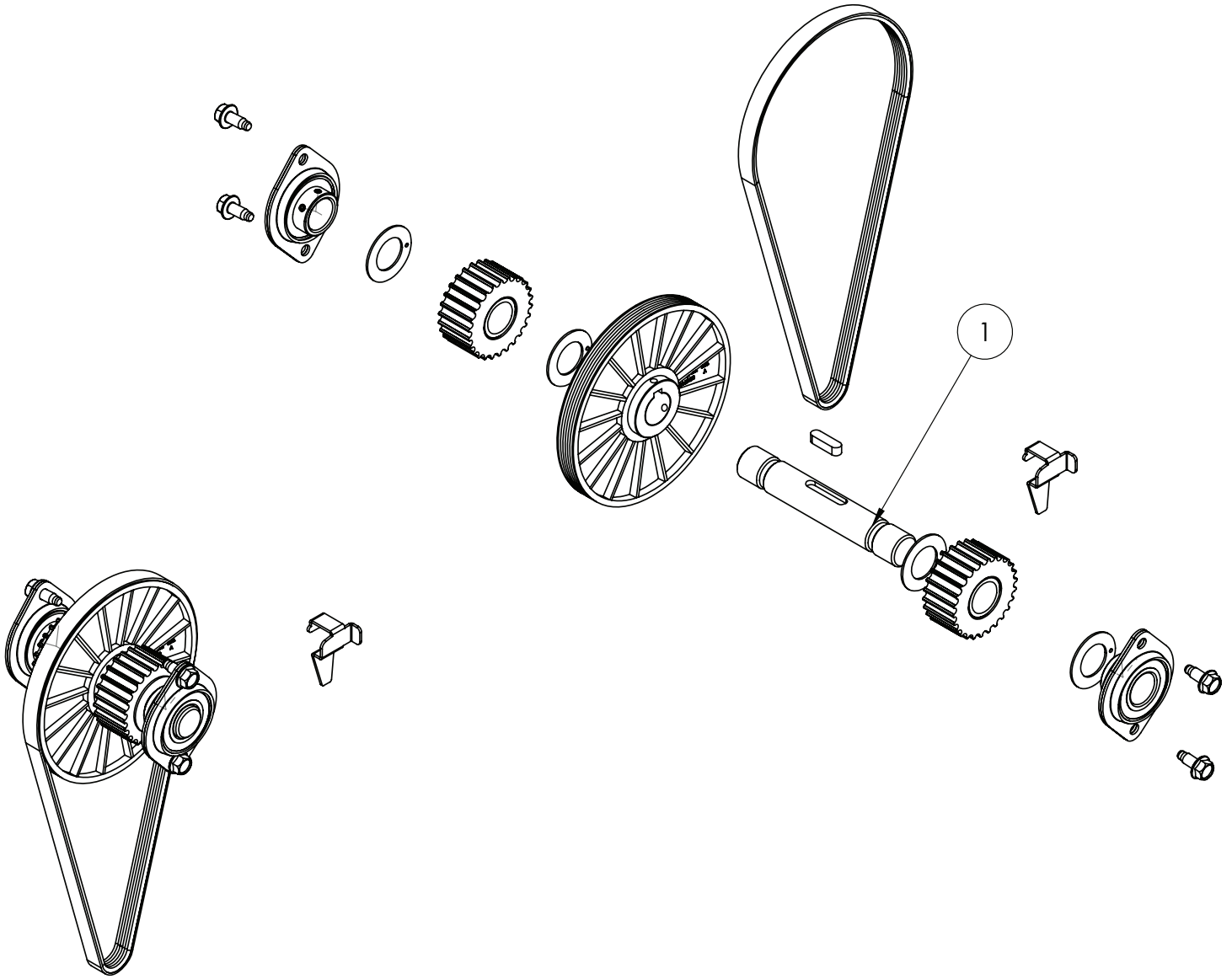
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	56197	Service Kit - Tensioner and Belts	1



	TITLE:	DWG. NO.	REV	APP	RELEASE DATE
NuStep	T5 & T5XR PARTS MANUAL FRONT END GROUP TENSIONER AND BELTS	52636	E	LNP	7/9/26

Front End Group Figure 7

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	56190	Service Kit - Main Shaft	1



SERVICE KITS MAY INCLUDE INSTRUCTIONS AND TOOLS

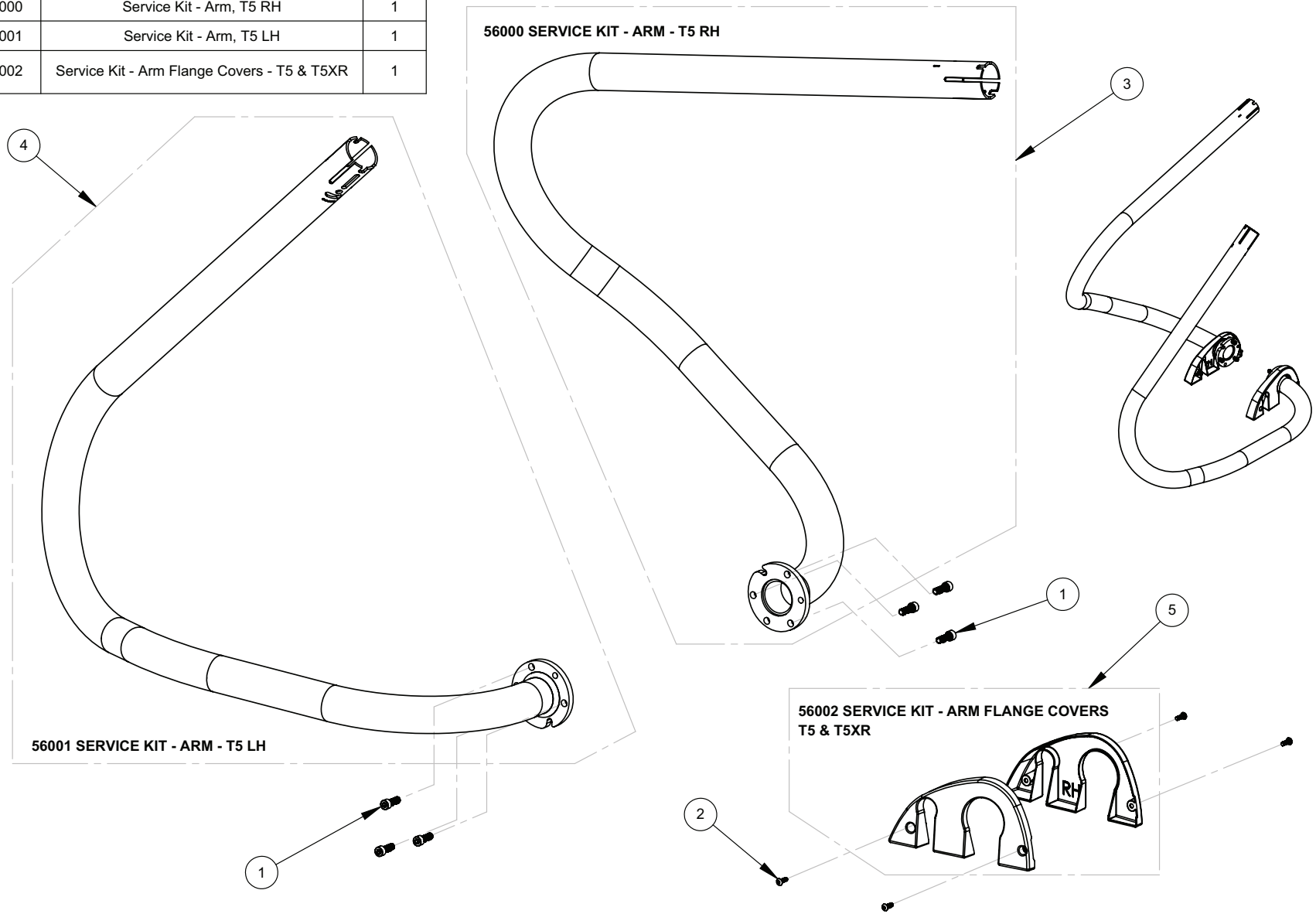
T5 & T5XR PARTS MANUAL

Drive Train Group - Main Shaft

DWG. NO.	REV	APP	RELEASE DATE
59192	E	LNP	6/24/26

Arms Group Figure 1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	50032	Screw - SHC, M8x1.25x25, Class 12.9, Hex, Black Oxide, Patched	6
2	50704	Screw - BHSC, M5x0.8px16, Hex, SS	4
3	56000	Service Kit - Arm, T5 RH	1
4	56001	Service Kit - Arm, T5 LH	1
5	56002	Service Kit - Arm Flange Covers - T5 & T5XR	1

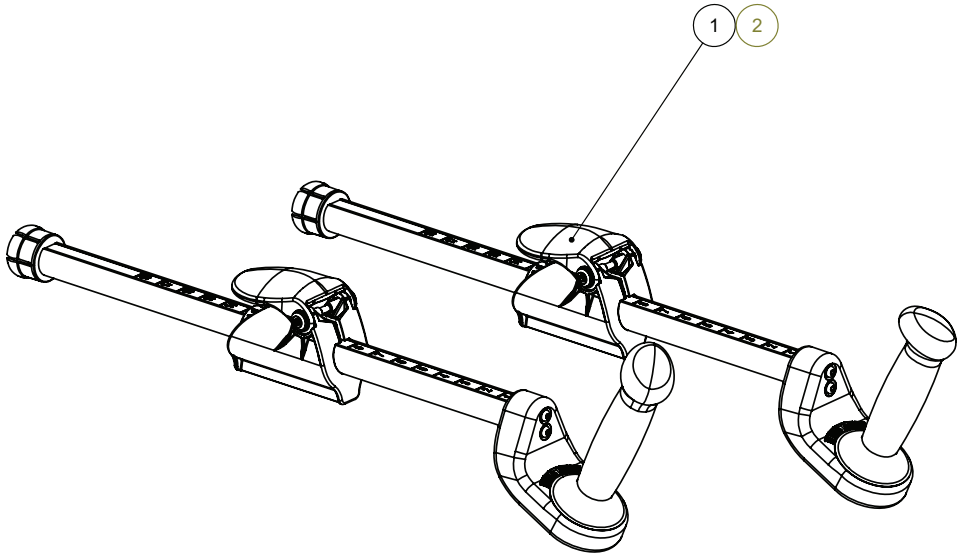


SERVICE KITS MAY INCLUDE INSTRUCTIONS AND TOOLS

TITLE:	DWG. NO.	REV	APP	RELEASE DATE
T5 & T5XR PARTS MANUAL ARMS GROUP, FIGURE #1	51341	E	LNP	5/27/26

Arms Group Figure 2

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	56120	Service Kit - Upper Arm Rotating (T5XR)	1
2	56121	Service Kit - Upper Arm Non-Rotating (T5)	1

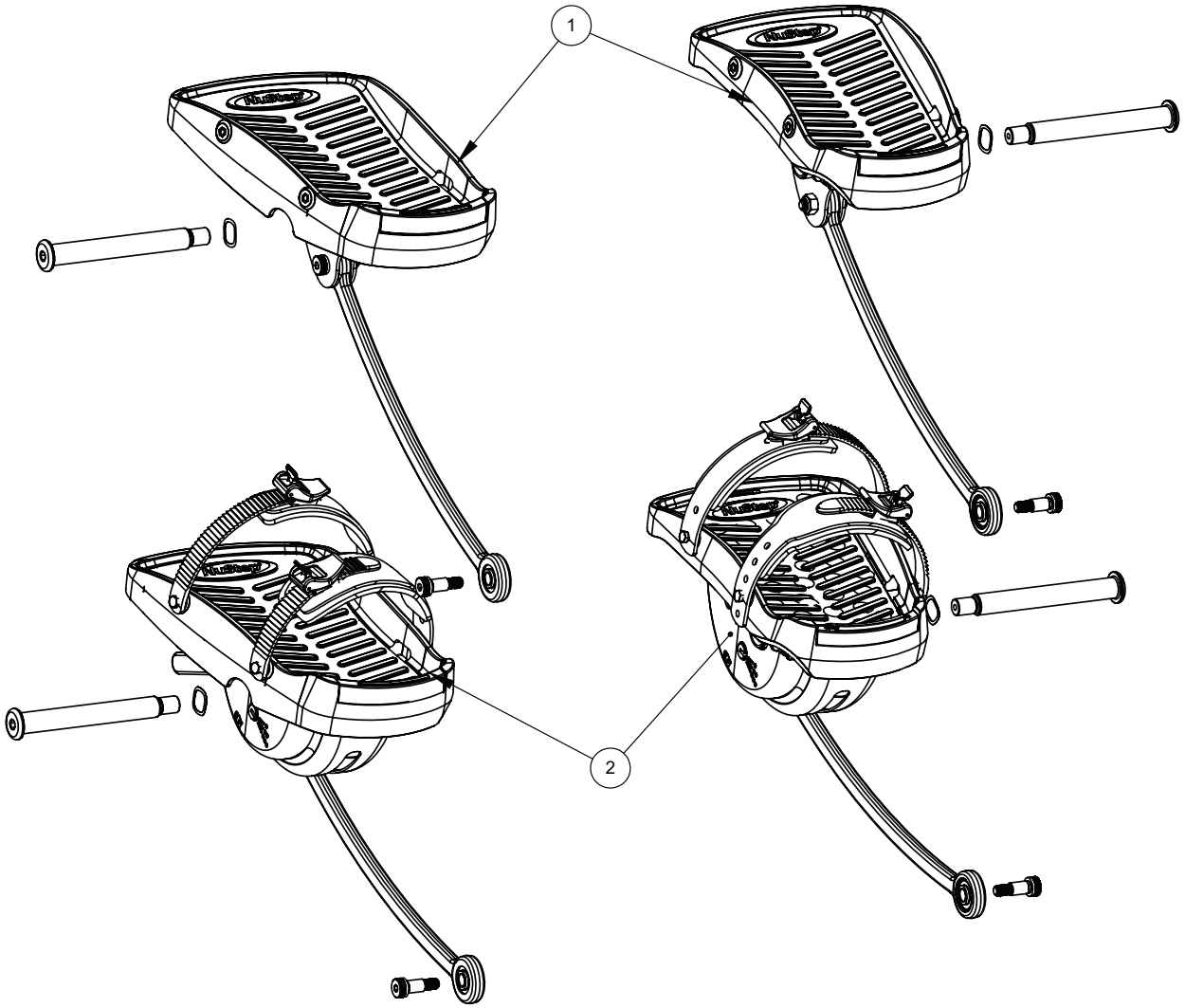


SERVICE KITS MAY INCLUDE INSTRUCTIONS AND TOOLS

TITLE:	DWG. NO.	REV	APP	RELEASE DATE
T5 & T5XR PARTS MANUAL ARMS GROUP, FIGURE #2	51342	E	LNP	5/7/26

Foot Pedal Group Figure 1

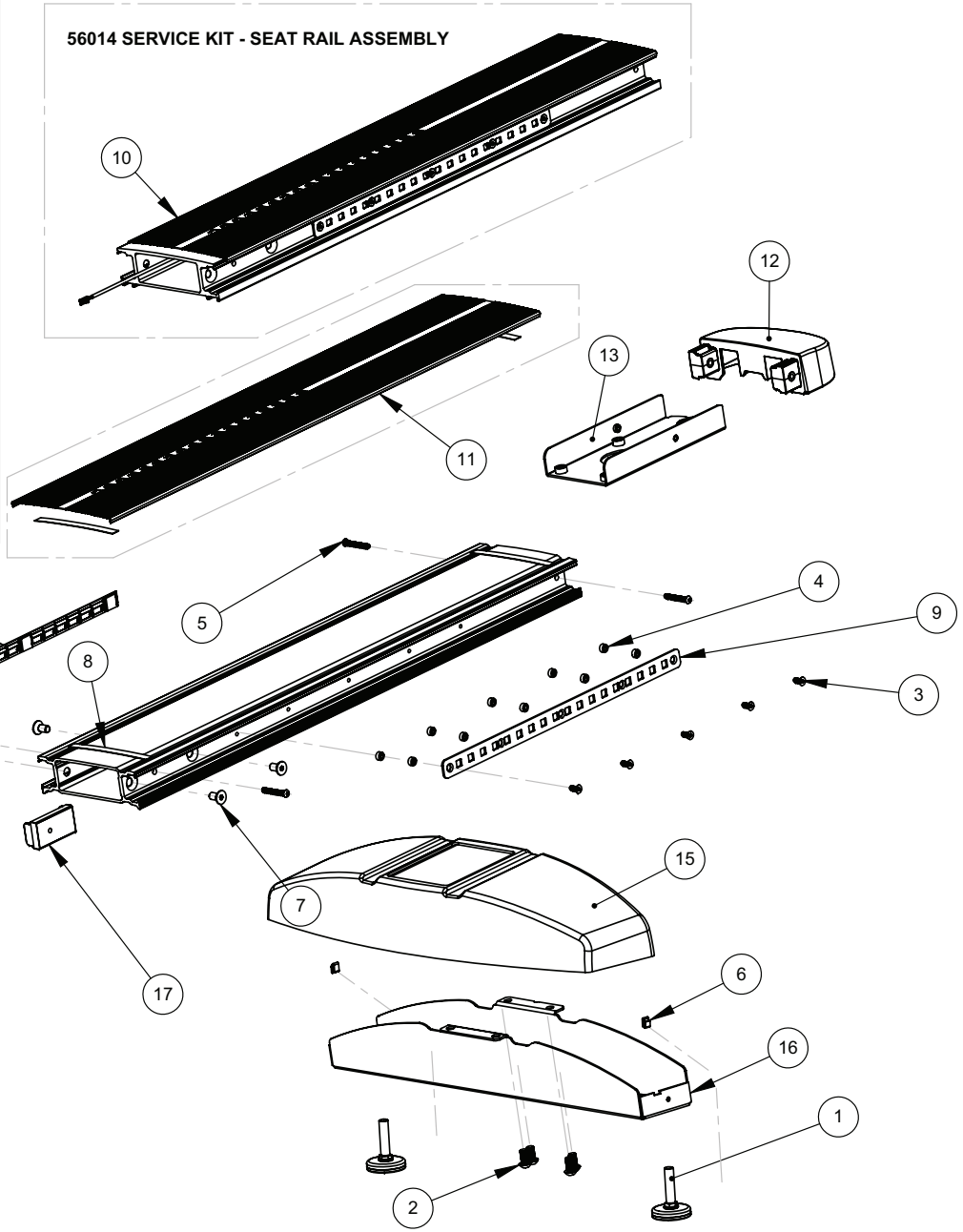
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	56194	Service Kit - Footpedal Base Pair	1
2	56195	Service Kit - Dorsi Flex Pair	1



TITLE:	DWG. NO.	REV	APP	RELEASE DATE
T5 & T5XR PARTS MANUAL FOOT PEDAL GROUP, FIGURE #1	51343	E	LNP	5/27/26

Rear End Group

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	52188	Leveler Foot - Non Marring	2
2	50076	Screw - BHSC, M10x1.5x20, Class 10.9, Hex, Black, Patched	4
3	50184	Screw - FHSC, M6x1.0x16, Grade 10.9, Hex, Black	5
4	50534	Spacer - Rail Latch Window Bracket	5
5	50623	Screw - BHSC, M6x1.0px45, Class 10.9, Hex, Black Zinc, Patched	4
6	50716	S Clip	2
7	50950	Screw - FHSCS, M10x1.5x20, Hex, Class 10.9, Black Zinc, Patched	4
8	50996	Tape - Adhesive, 3M VHB-5925-.5" Wide x 25mil, Double sided acrylic foam, red polyethylene liner	1
9	56013	Service Kit - Latch Bracket	1
10	56014	Service Kit - Seat Rail Assembly	1
11	56015	Service Kit - Seat Rail Trim Cover	1
12	56016	Service Kit - Rear Seat Rail Cover	1
13	56017	Service Kit - Rear Support Nut Plate	1
14	56018	Servive Kit - Seat Position Sensor Board	1
15	56020	Service Kit - Rear Support Cover	1
16	56021	Service Kit - Rear Support Bracket Assembly	1
17	56022	Service Kit - Front Seat Rail Bumper	2

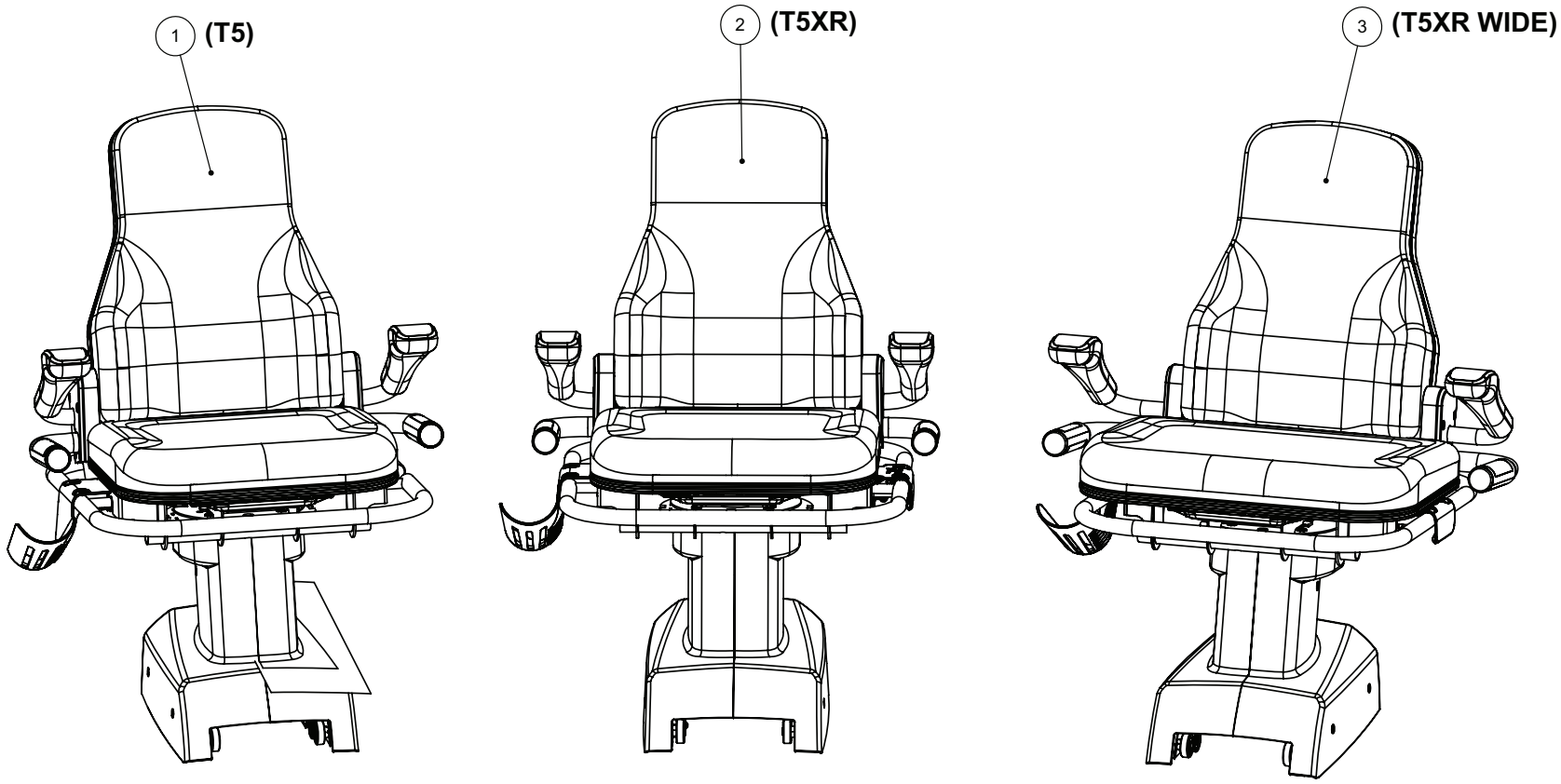


SERVICE KITS MAY INCLUDE INSTRUCTIONS AND TOOLS

TITLE:	DWG. NO.	REV	APP	RELEASE DATE
T5 & T5XR REAR END GROUP	51340	E	LNP	5/27/26

Seat Group Figure 1

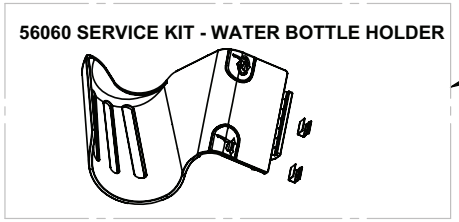
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	50513	Assembly - Seat & Trolley, T5	1
2	50300-01	Assembly - Seat & Trolley, T5XR EU	1
3	50301	Assembly - Seat & Trolley, T5XR Wide	1

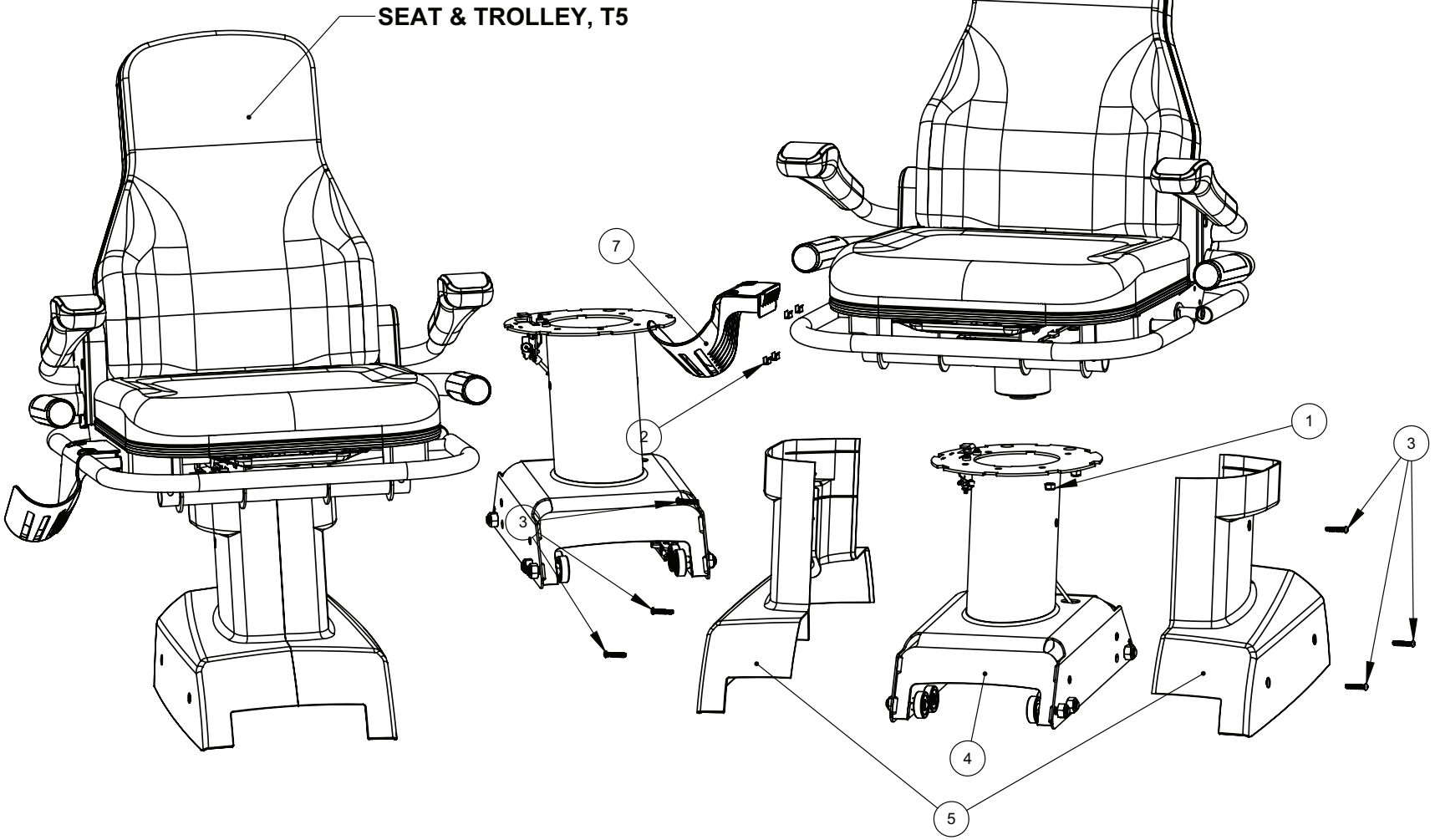


TITLE:	DWG. NO.	REV	APP	RELEASE DATE
T5 & T5XR PARTS MANUAL SEAT GROUP, FIGURE #1	51406	E	LNP	5/27/26

Seat Group Figure 2 - T5 Seat

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	50546	Nut - Locking, Nylon Insert, M8x1.25, DIN 985, Zinc Plated	5
2	50599	Clip, Spring, Water Bottle Holder	2
3	50705	Screw - BHSC, M5x0.8px30. Hex, SS	6
4	56054	Service Kit - Trolley Assembly	1
5	56056	Service Kit - Trolley Covers - T5	1
6	56058	Service Kit - T5 Seat	1
7	56060	Service kit - Water Bottle Holder	1



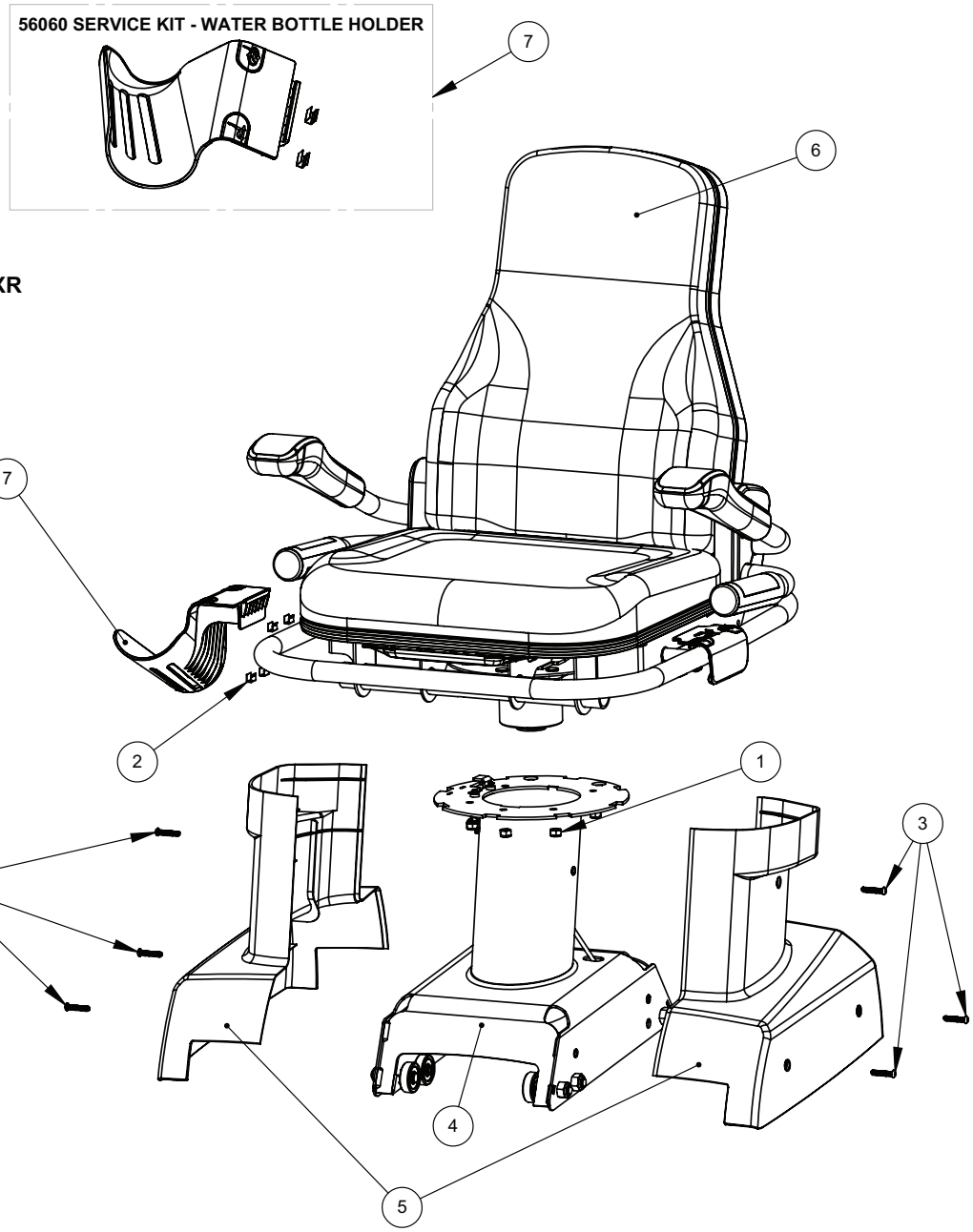


SERVICE KITS MAY INCLUDE INSTRUCTIONS AND TOOLS

TITLE:	DWG. NO.	REV	APP	RELEASE DATE
T5 & T5XR PARTS MANUAL SEAT GROUP, FIGURE #2	51408	E	LNP	6/1/26

Seat Group Figure 3 - T5XR Seat

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	50546	Nut - Locking, Nylon Insert, M8x1.25, DIN 985, Zinc Plated	5
2	50599	Clip, Spring, Water Bottle Holder	2
3	50705	Screw - BHSC, M5x0.8px30. Hex, SS	6
4	56054	Service Kit - Trolley Assembly	1
5	56055	Service Kit - Trolley Covers - T5XR	1
6	56057	Service Kit - T5XR Seat	1
7	56060	Service kit - Water Bottle Holder	1



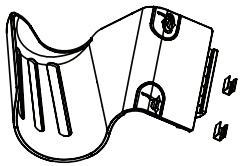
SERVICE KITS MAY INCLUDE INSTRUCTIONS AND TOOLS

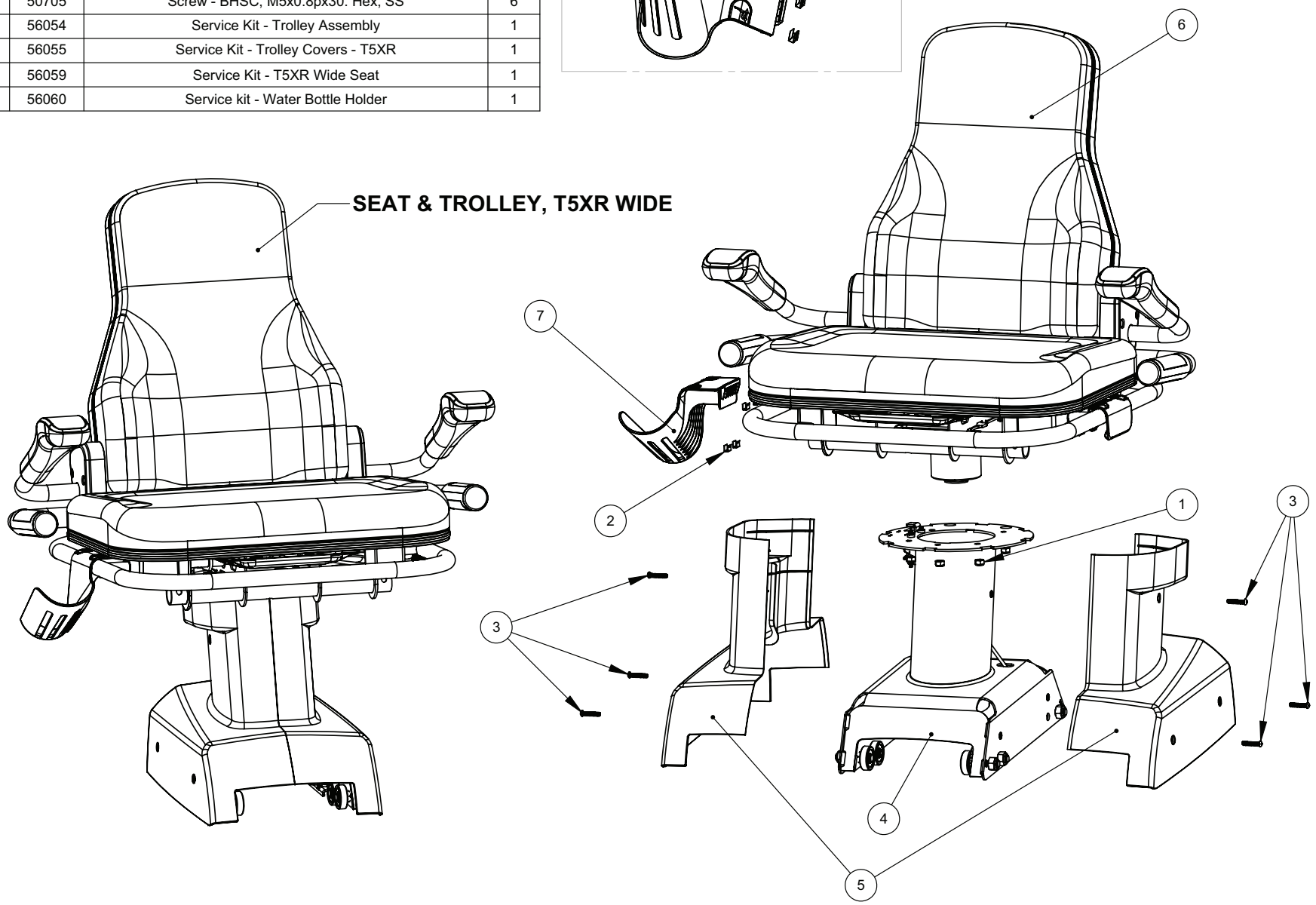
TITLE:	DWG. NO.	REV	APP	RELEASE DATE
T5 & T5XR PARTS MANUAL SEAT GROUP, FIGURE #3	51407	E	LNP	6/1/26

Seat Group Figure 4 - T5XR Wide Seat

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	50546	Nut - Locking, Nylon Insert, M8x1.25, DIN 985, Zinc Plated	5
2	50599	Clip, Spring, Water Bottle Holder	2
3	50705	Screw - BHSC, M5x0.8px30. Hex, SS	6
4	56054	Service Kit - Trolley Assembly	1
5	56055	Service Kit - Trolley Covers - T5XR	1
6	56059	Service Kit - T5XR Wide Seat	1
7	56060	Service kit - Water Bottle Holder	1

56060 SERVICE KIT - WATER BOTTLE HOLDER

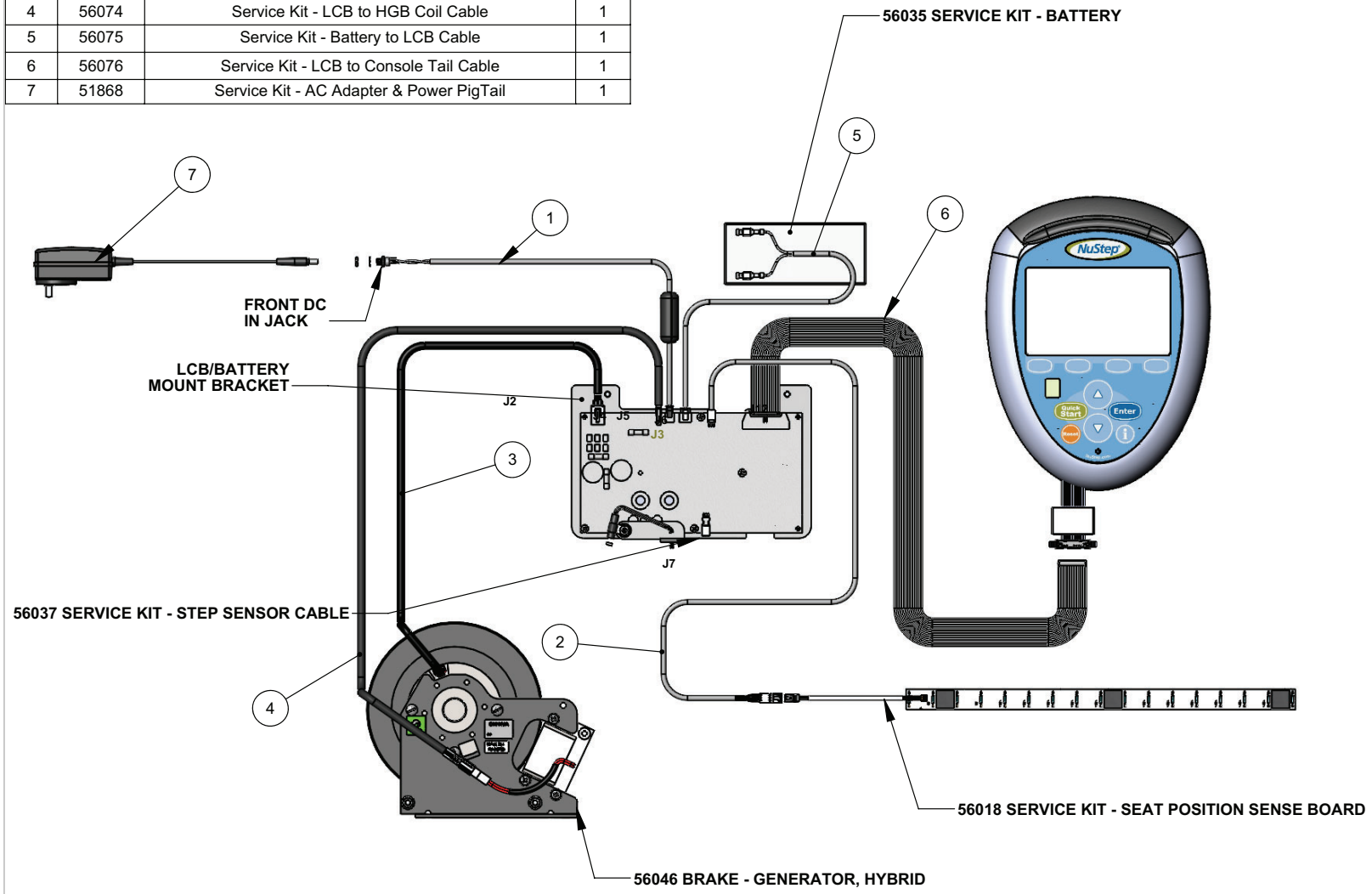




SERVICE KITS MAY INCLUDE INSTRUCTIONS AND TOOLS

TITLE:	DWG. NO.	REV	APP	RELEASE DATE
T5 & T5XR PARTS MANUAL SEAT GROUP, FIGURE #4	51409	E	LNP	6/1/26

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	51904	Service Kit - Patch Panel Replacement SN: >= 110822	1
2	56069	Service Kit - Seat Position Sense Cable	1
3	56073	Service Kit - HGB 3 Phase to LCB Cable	1
4	56074	Service Kit - LCB to HGB Coil Cable	1
5	56075	Service Kit - Battery to LCB Cable	1
6	56076	Service Kit - LCB to Console Tail Cable	1
7	51868	Service Kit - AC Adapter & Power PigTail	1



TITLE:	DWG. NO.	REV	APP	RELEASE DATE
T5 & T5XR PARTS MANUAL CABLE DIAGRAM	51467	E	LNP	6/2/26

Electronics

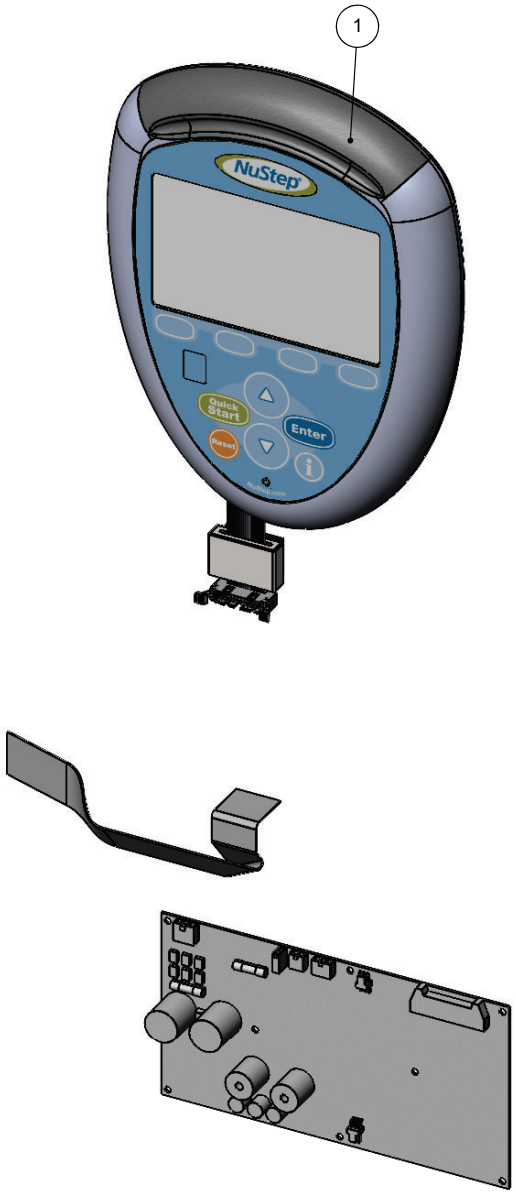
ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	51618	Service Kit - Electronics, T5	1



	TITLE:	DWG. NO.	REV	APP	RELEASE DATE
NuStep	T5 & T5XR PARTS MANUAL T5 Electrical Kit	56200	E	LNP	7/21/26

Electronics

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	51619	Service Kit - Electronics, T5XR	1



	TITLE:	DWG. NO.	REV	APP	RELEASE DATE
NuStep	T5 & T5XR PARTS MANUAL T5XR Electrical Kit	56201	E	LNP	7/21/26

NuStep, LLC
47700 Halyard Drive
Plymouth, MI 48170
USA
(800) 322-4434
(734) 769-4400
support@nustep.com
www.nustep.com

Transforming Lives®

The information in this manual is the most current at the time of printing. Due to our commitment toward continuous improvement, specifications and descriptions are subject to change without notice. No part of this manual may be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose without the express written permission of NuStep, LLC © Copyright July 2016 by NuStep, LLC

NuStep® and Transforming Lives® are registered trademarks of NuStep, LLC

Manual PN 51500 NuStep T5 & T5XR Service Parts Manual, Rev F