

S25T TREADMILL

Customer Support Services Service manual



General Contents

1. Introduction
2. Component identification
3. Parts manual
4. Assembly instructions

Sectional Contents

1. Introduction

Please check following special note before installation

1. Assembly introduction

Important safety installation of the STEX treadmills.

- ➡ Please confirm the horizontal floor.

Position the treadmill on a clear, level surface. Otherwise Not only Vibration will be occurred but also User would be wounded. We strongly recommended laying a mat under the treadmill to prevent damage against the shock of vibration

- ➡ **DO NOT** locate the treadmill in areas with a high humidity and a lot of dust.

- ➡ **DO NOT** locate any inflammable liquid or material near the treadmill.

- ➡ Locate the treadmill with the enough intervals to operate easily and safely.

- Minimum space : Rear 1.2m, Left & Right 0.6m

2. How to carry the STEX Treadmill

To carry the STEX Treadmill

- ➡ Lift the rear of the treadmill for the easy movement.

3. Parts included

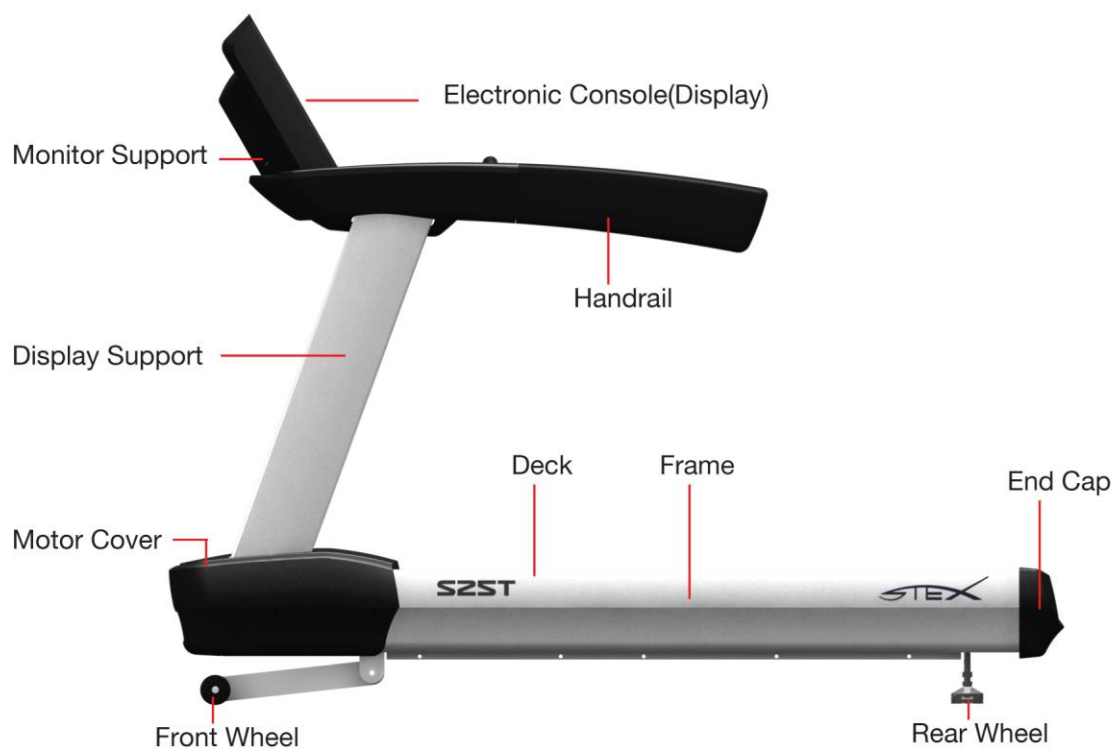
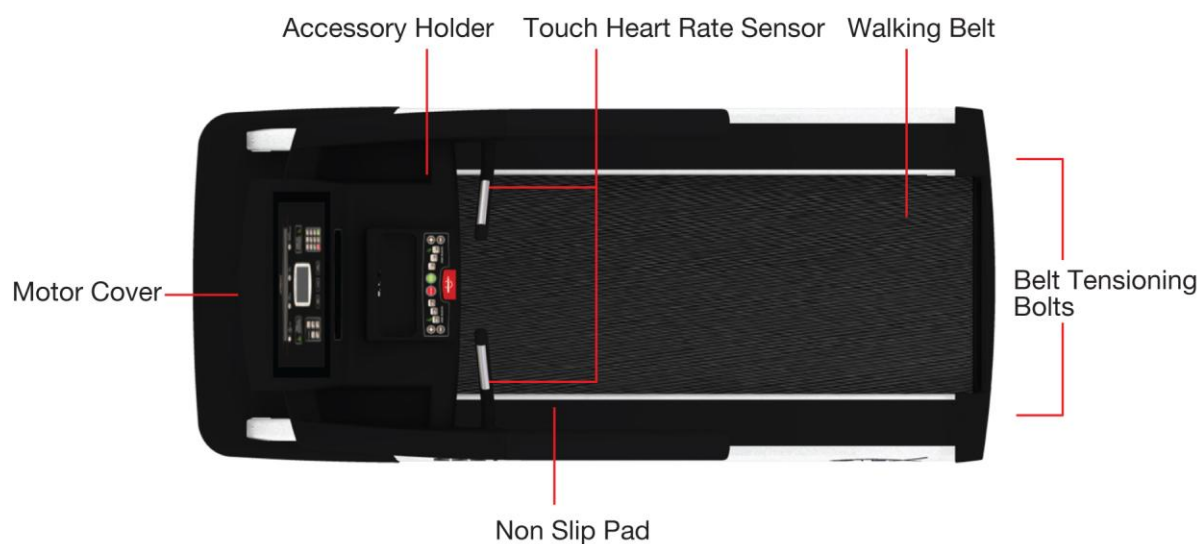
- ➡ Operation Manual, Warranty Card
- ➡ 10mm T-Wrench, 6mm T-Wrench, 6mm L-Wrench
- ➡ Hexagon socket head(M8×20mm-SEMS) × 14ea(Silver)
Hexagon socket head(M8×50mm-SEMS) × 4ea(Black)
- ➡ Main Frame
Display Console Assembly
Display Top Assembly
Display Support 1set

4. If you have any problem

If you have any problem for STEX treadmill S25T series, Please contact our sales dealer or our service center by phone or E-mail. In order to reply promptly as for your particular issue situation, Please refer to the sample of Claim Report in the last page. It would be appreciated if you fill out the form like the sample. Then we will proceed your claim quickly.

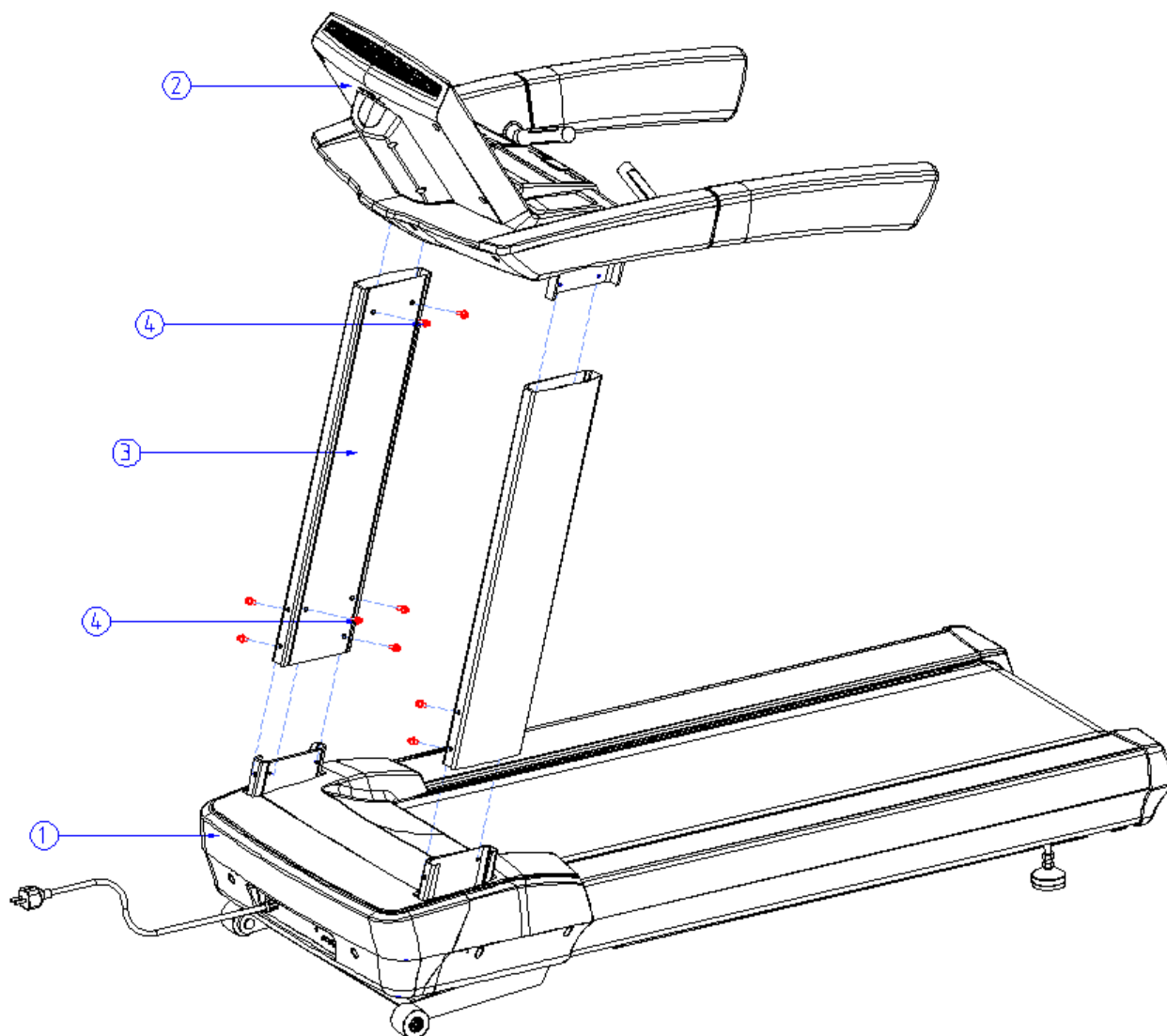
2. Components identification

PARTS NAME S25T



3. Part manual

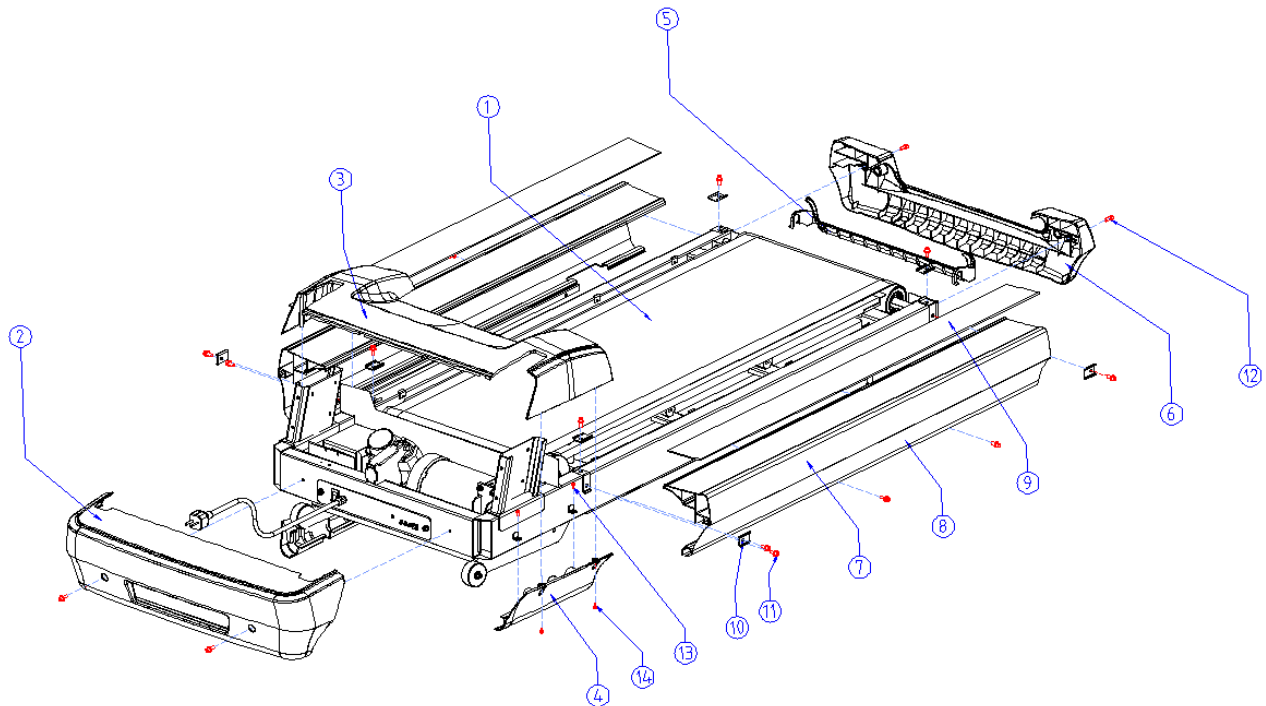
3-1 Total assembly - S25T, S25TX



3-1 Description

No	Parts	Parts No.		Q'TY	Remark
		S25T	S25TX		
1	Master main frame	21MF-TSN01	21MF-TSX01	1 ea	S25T + Attached LCD Model : 21MF-TSN01
2	Master display	21DC-TSN01	21DC-TSX01	1 ea	S25T + Attached LCD Model : 21DC-TSN01
3	Display support(LH/RH)	32M4-AL313/23		1 set	
4	Hexagon socket head	33W1-1N820		14 ea	M8 x 20L (SEMS)

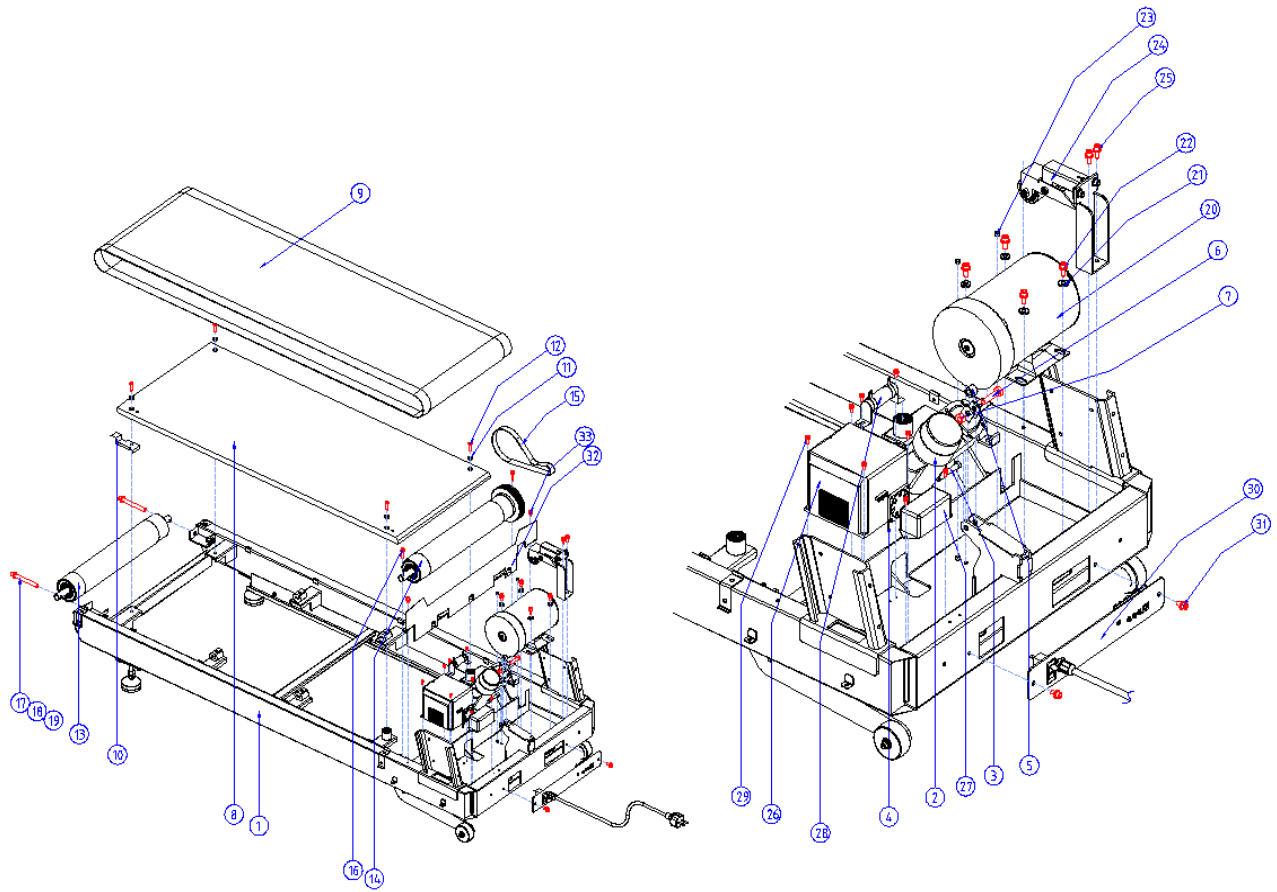
3-2 Assembly Main Frame (#1)



3-2 Description

No	Parts	Parts No.		Q'TY	Remark
		S25T	S25TX		
1	1'st main frame assembly	21MF-TSA01	21MF-TSC01	1 ea	S25T + Attached LCD Model : 21MF-TSA01
2	Front motor cover	32M3-TS011		1 ea	
3	Top motor cover	32M3-TS021		1 ea	
4	Side motor cover-LH(RH)	32M3-TS031(41)		1 set	
5	Safety guide	32M3-TS061		1 ea	
6	Back cap	32M3-TS051		1 set	
7	Side platform	32M4-AL101		2 ea	
8	Frame side cover_LH(RH)	32M4-AL212/22		1 set	
9	Non slip pad	32M3-RS201		2 ea	
10	Platform fixer plate 02	32M1-TSE21		8 ea	
11	Hexagon socket head	33W1-1B820		16 ea	M8 x 20L (SEMS), ⑧, ⑩
12	Hexagon socket head	33W1-1B820		4 ea	M8 x 20L (SEMS), ②, ⑥
13	Tapping truss head	33U6-6Z512		4 ea	Φ 5 x 12L, ④
14	Machine pan head	33T6-1B512		4 ea	M5 x 12L, ③

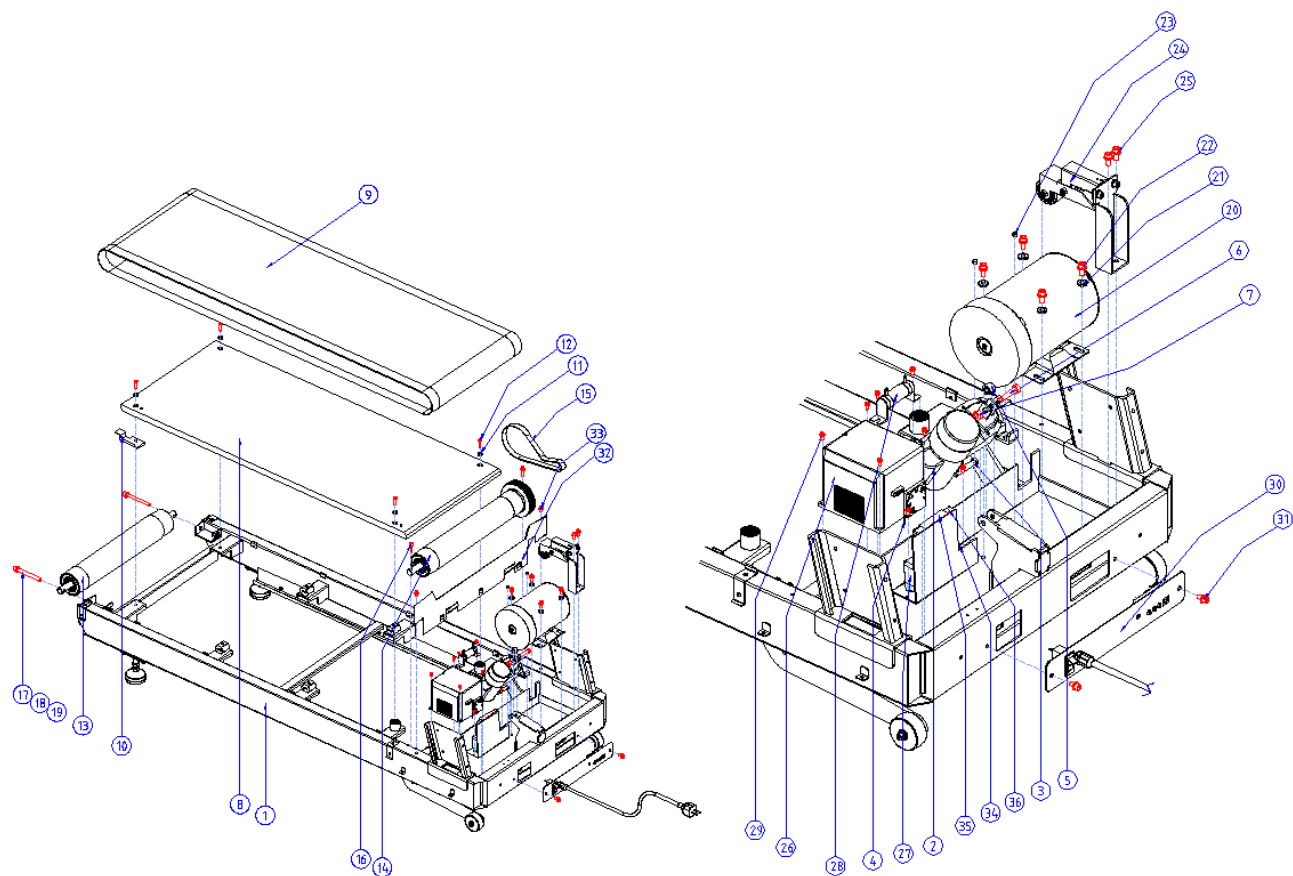
3-3-1 Assembly Main Frame (#2) – S25T



3-3-1 Description

No	Parts	Parts No.	Q'TY	Remark
1	2'nd main frame assembly	21MF-TSB01	1 ea	
2	Incline motor	33S1-IS021	1 ea	
3	Incline front fix shaft	32M2-T80W1	1 ea	
4	Split pin	33N5-P0540	1 ea	
5	Incline bushing	32M2-TS401	1 ea	
6	Hexagon head	33T1-4BA45	1 ea	M10 x 45L
7	Lock nut	33N1-L1000	1 ea	M10
8	Deck	32M2-TS501	1 ea	
9	Running belt	32N3-RS101	1 ea	
10	Guide finger(LH/RH)	32M1-TSN11/21	1 set	
11	Deck washer	32M2-T8031	4 ea	
12	Socket flat head	33W3-2B830	4 ea	M8 x 30L
13	Rear roller assembly	21RR-TW001	1 ea	
14	Front roller assembly	21FR-TW001	1 ea	
15	V-belt	33N3-V0300	1 ea	
16	Hexagon socket head	33W1-1B835	2 ea	M8 x 35L(SEMS)
17	Hexagon socket head	33W1-2BBC0	2 ea	M12 x 120L
18	Washer-split lock	33N1-P1200	2 ea	Φ12
19	Washer-flat	33N1-F1200	2 ea	Φ12
20	Driving motor assembly	21DM-TW003	1 ea	
21	Motor insulation bush	32M2-TS601	4 ea	
22	Hexagon socket head	33W1-1B820	4 ea	M8 x 20L(SEMS)
23	Motor limit bush	32M2-TS701	2 ea	
24	Auto tensioner assembly	21AT-TSO01	1 ea	
25	Hexagon socket head	33W1-1B820	2 ea	M8 x 20L(SEMS)
26	Inverter-TM5(G100)	33S2-IS201	1 ea	
27	Noise filter	33S2-F0002	1 ea	
28	Breaking resister	33S2-R0002	1 ea	
29	Machine pan head	33T6-1B512	8 ea	
30	Front terminal assembly	21FT-TSP01	1 ea	
31	Hexagon socket head	33W1-1B820	2 ea	M8 x 20L(SEMS)
32	Partition assembly	21PA-TSQ01	1 ea	
33	Hexagon socket head	33W1-1B820	2 ea	M8 x 20L(SEMS)

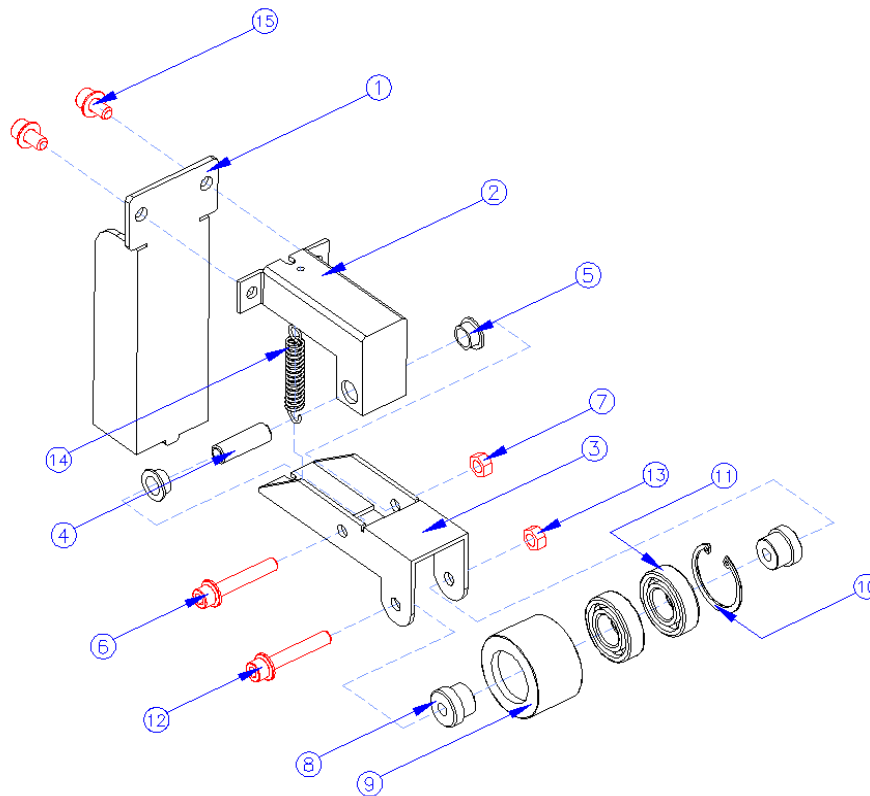
3-3-2 Assembly Main Frame (#2) – S25TX, S25T + Attached LCD Model



3-3-2 Description

No	Parts	Parts No.	Q'TY	Remark
1	2'nd main frame assembly	21MF-TSB01	1 ea	
2	Incline motor	33S1-IS021	1 ea	
3	Incline front fix shaft	32M2-T80W1	1 ea	
4	Split pin	33N5-P0540	1 ea	
5	Incline bushing	32M2-TS401	1 ea	
6	Hexagon head	33T1-4BA45	1 ea	M10 x 45L
7	Lock nut	33N1-L1000	1 ea	M10
8	Deck	32M2-TS501	1 ea	
9	Running belt	32N3-RS101	1 ea	
10	Guide finger(LH/RH)	32M1-TSN11/21	1 set	
11	Deck washer	32M2-T8031	4 ea	
12	Socket flat head	33W3-2B830	4 ea	M8 x 30L
13	Rear roller assembly	21RR-TW001	1 ea	
14	Front roller assembly	21FR-TW001	1 ea	
15	V-belt	33N3-V0300	1 ea	
16	Hexagon socket head	33W1-1B835	2 ea	M8 x 35L(SEMS)
17	Hexagon socket head	33W1-2BBC0	2 ea	M12 x 120L
18	Washer-split lock	33N1-P1200	2 ea	Φ12
19	Washer-flat	33N1-F1200	2 ea	Φ12
20	Driving motor assembly	21DM-TW003	1 ea	
21	Motor insulation bush	32M2-TS601	4 ea	
22	Hexagon socket head	33W1-1B820	4 ea	M8 x 20L(SEMS)
23	Motor limit bush	32M2-TS701	2 ea	
24	Auto tensioner assembly	21AT-TSO01	1 ea	
25	Hexagon socket head	33W1-1B820	2 ea	M8 x 20L(SEMS)
26	Inverter-TM5(G100)	33S2-IS201	1 ea	
27	Noise filter	33S2-F0002	1 ea	
28	Breaking resister	33S2-R0002	1 ea	
29	Machine pan head	33T6-1B512	8 ea	
30	Front terminal assembly	21FT-TSP01	1 ea	
31	Hexagon socket head	33W1-1B820	2 ea	M8 x 20L(SEMS)
32	Partition assembly	21PA-TSQ01	1 ea	
33	Hexagon socket head	33W1-1B820	2 ea	M8 x 20L(SEMS)
34	Adapter bracket	33M1-TSR01	1 ea	
35	Adapter fix bracket	32M1-TWT11	1 ea	
36	Adapter	3B802P005	1 ea	

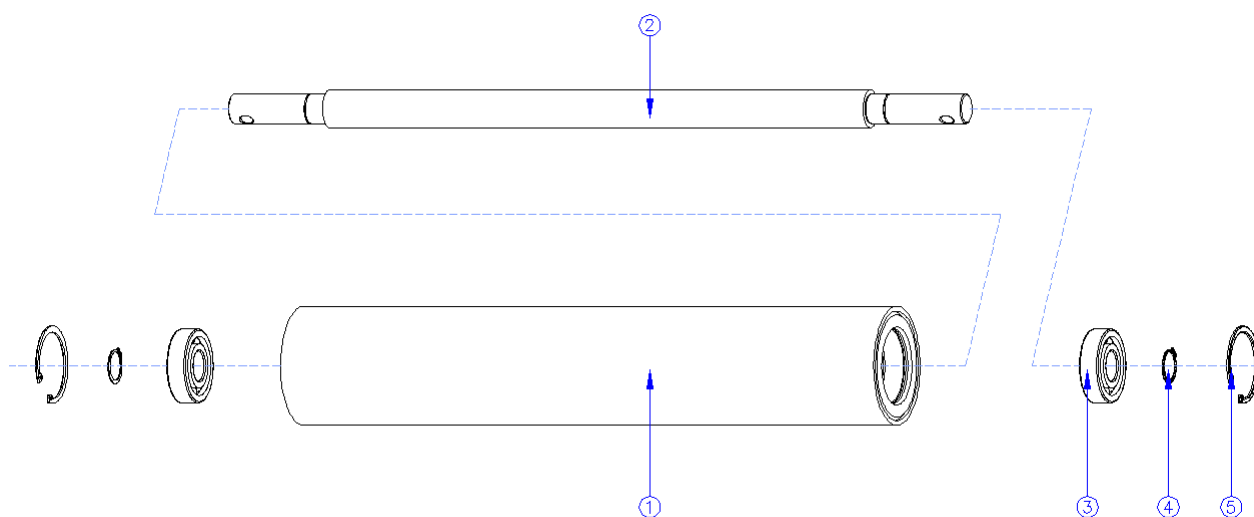
3-4 Assembly Auto Tensioner (#3)



3-4 Description

No	Parts	Parts No.	Q'TY	Remark
1	Tensioner bracket 01	32M1-TS011	1 ea	
2	Tensioner bracket 02	32M1-T8182	1 ea	
3	Tensioner bracket 03	32M1-T8171	1 ea	
4	Tensioner hinge shaft	32M2-T80K1	1 ea	
5	Tensioner hinge bushing	32M2-T80L1	2 ea	
6	Hexagon socket head	33W1-1B855	1 ea	M8 x 55L(SEMS)
7	Nut-nylon insert lock	33N1-L0800	1 ea	M8
8	Tensioner roller shaft	32M2-TS801	2 ea	Φ12
9	Tensioner roller	32M2-TS901	1 ea	
10	Snap ring - C type	33N1-H4200	1 ea	Φ42
11	Ball bearing	33N2-Z6004	2 ea	#6004ZZ
12	Hexagon socket head	33W1-1B855	1 ea	M8 x 55L(SEMS)
13	Nut-nylon insert lock	33N1-L0800	1 ea	M8
14	Tensioner spring	32M2-T80T1	1 ea	
15	Hexagon socket head	33W1-1B815	2 ea	M8 x 15L(SEMS)

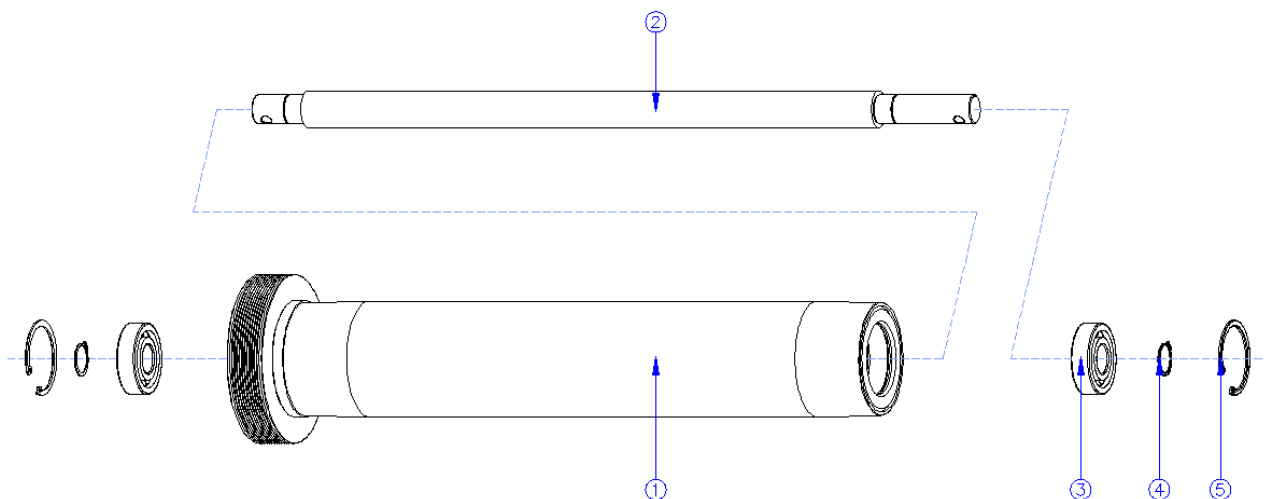
3-5 Assembly Rear Roller (#4)



3-5 Description

No	Parts	Parts No.	Q'TY	Remark
1	Rear roller pipe	32M2-TW401	1 ea	
2	Rear roller shaft	32M2-TW701	1 ea	
3	Ball bearing	33N2-D6305	2 ea	#6305DD
4	Snap ring - C type	33N1-S2500	2 ea	Φ25
5	Snap ring - C type	33N1-R6200	2 ea	Φ62

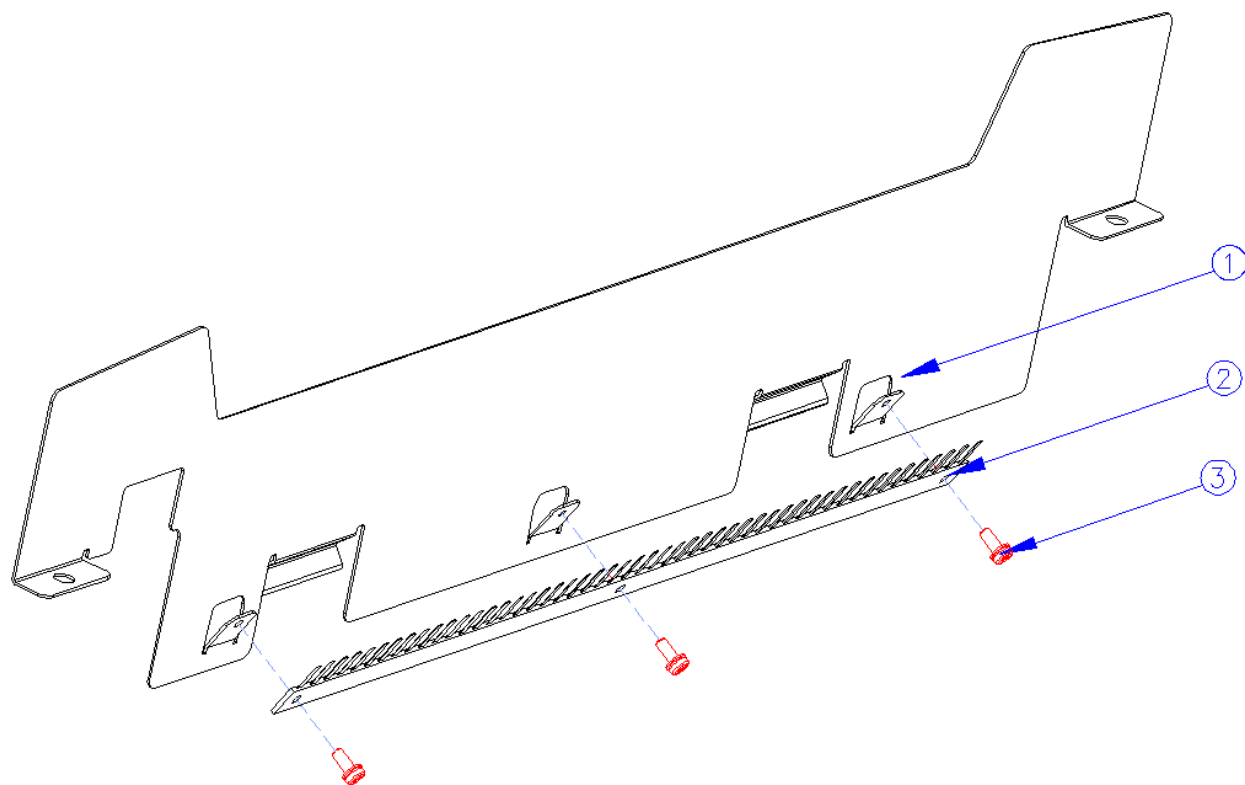
3-6 Assembly Front Roller (#5)



3-6 Description

No	Parts	Parts No.	Q'TY	Remark
1	Front roller pipe	32M2-TW801	1 ea	
2	Front roller shaft	32M2-TWB01	1 ea	
3	Ball bearing	33N2-D6305	2 ea	#6305DD
4	Snap ring - C type	33N1-S2500	2 ea	Φ25
5	Snap ring - C type	33N1-R6200	2 ea	Φ62

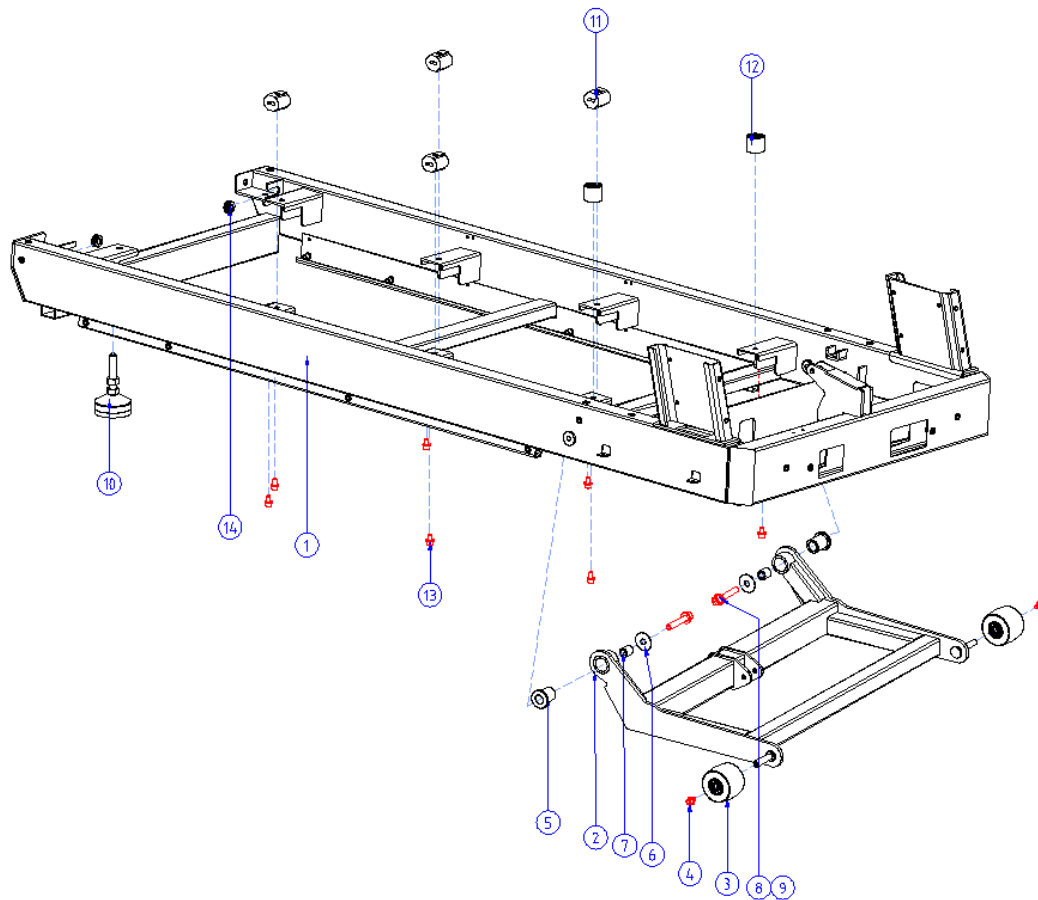
3-7 Assembly Partition (#6)



3-7 Description

No	Parts	Parts No.	Q'TY	Remark
1	Partition plate	32M1-TSQ11	1 ea	
2	Antistatic	32M2-T80P1	1 ea	
3	Machine pan head	33T6-1B510	3 ea	M5x10L(SEMS)

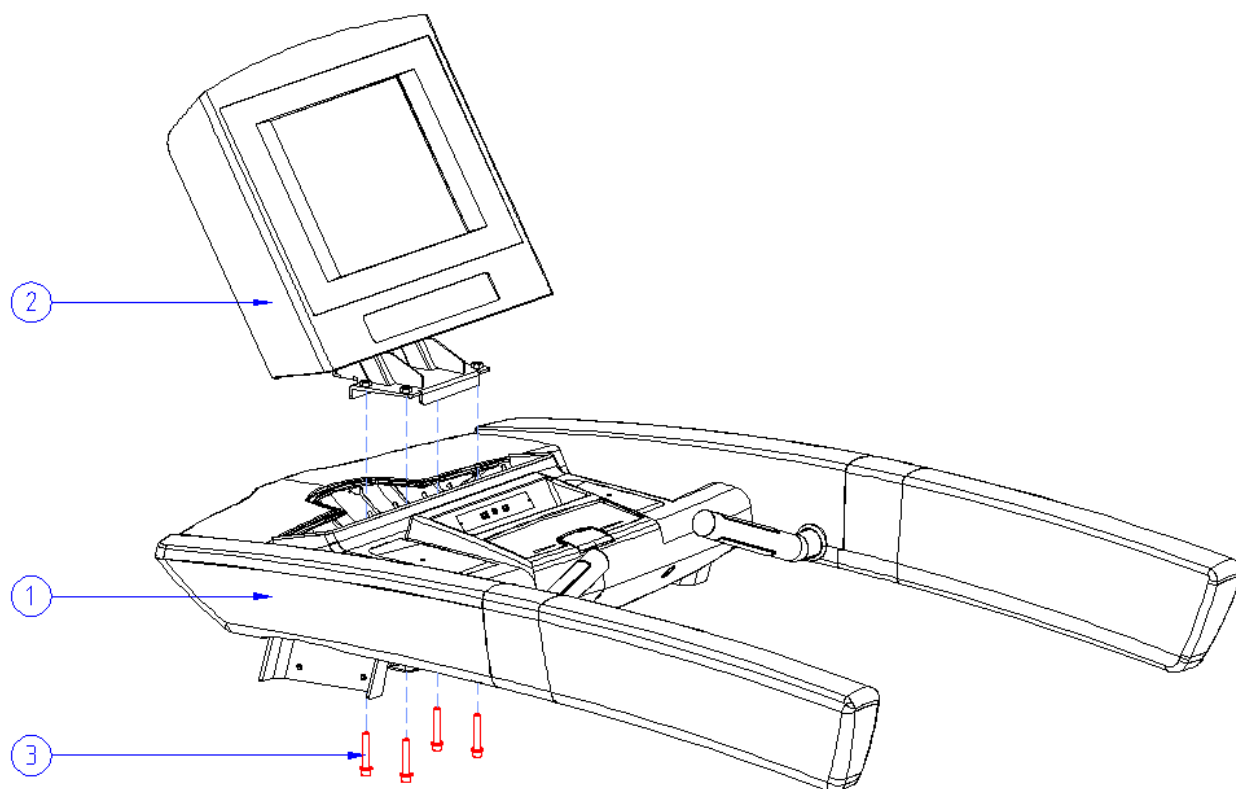
3-8 Assembly Main Frame (#7)



3-8 Description

No	Parts	Parts No.	Q'TY	Remark
1	Main frame assembly	32M1-TS005	1 ea	
2	Incline leg assembly	32M1-TSL03	1 ea	
3	Front wheel for S25T	33N5-M0160	2 ea	
4	Hexagon socket head	33W1-1B815	2 ea	M8 x 15L(SEMS)
5	Oil less bearing for S25T	32N2-O2040	2 ea	
6	Leg washer	32M1-T80V1	2 ea	
7	Bearing shaft for S25T	32M2-TSL20	2 ea	
8	Washer-split lock	33N1-P1200	2 ea	Φ12
9	Hexagon socket head	33W1-4BB70	2 ea	M12 x 70L(CM)
10	Leveling foot	33N5-MRS01	2 ea	
11	Silicon absorber	32M3-T80D2	4 ea	
12	Rubber absorber	32M3-T80C1	2 ea	
13	Hexagon socket head	33W1-1B815	6 ea	M8 x 15L(SEMS)
14	Tracking bush	32M2-TS301	2 ea	

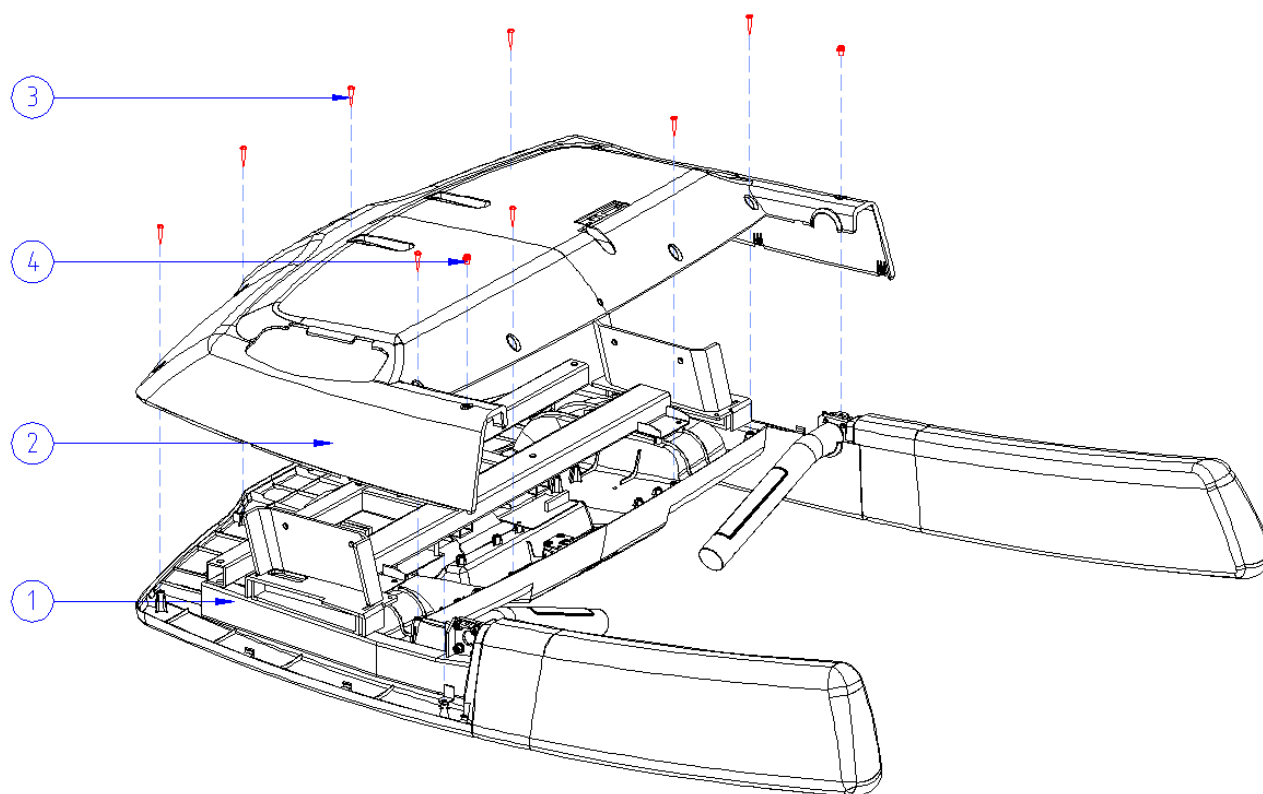
3-9 Assembly Display Frame (#1)



3-9 Description

No	Parts	Parts No.		Q'TY	Remark
		S25T	S25TX		
1	Display console assembly	21DC-TSA01		1 ea	
2	Display top assembly	21DC-TSB01	21DC-TSC01	1 ea	S25T + Attached LCD Model : 21DC-TSB01
3	Hexagon socket head	33W1-1B850		4 ea	M8 x 50L(SEMS)

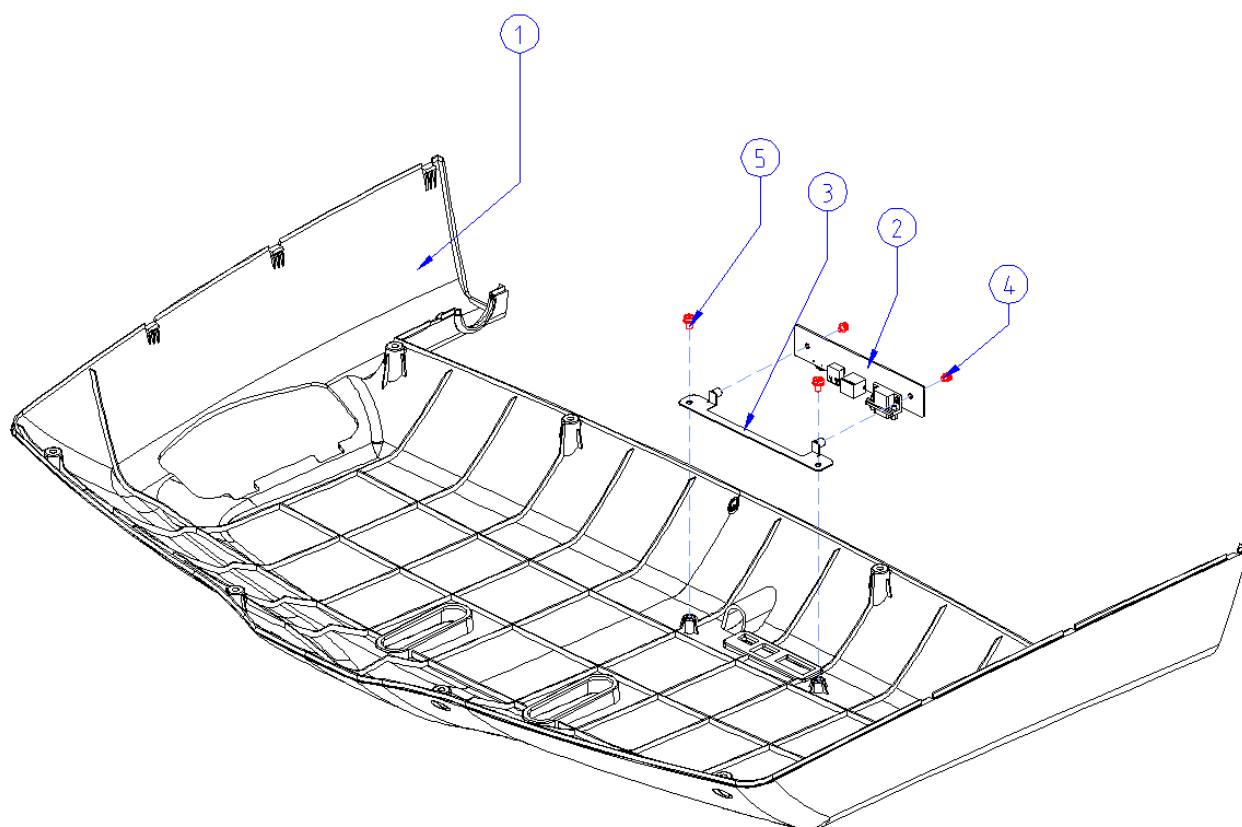
3-10 Assembly Display Frame (#2)



3-10 Description

No	Parts	Parts No.	Q'TY	Remark
1	1'st Display console assembly	21DC-TSA11	1 ea	
2	Bottom case assembly	21DC-TSB11	1 ea	
3	Tapping pan head	33U5-6B516	10 ea	Φ5 x 16L
4	Machine pan head	33T6-1B512	2 ea	M5 x 12L(SEMS)

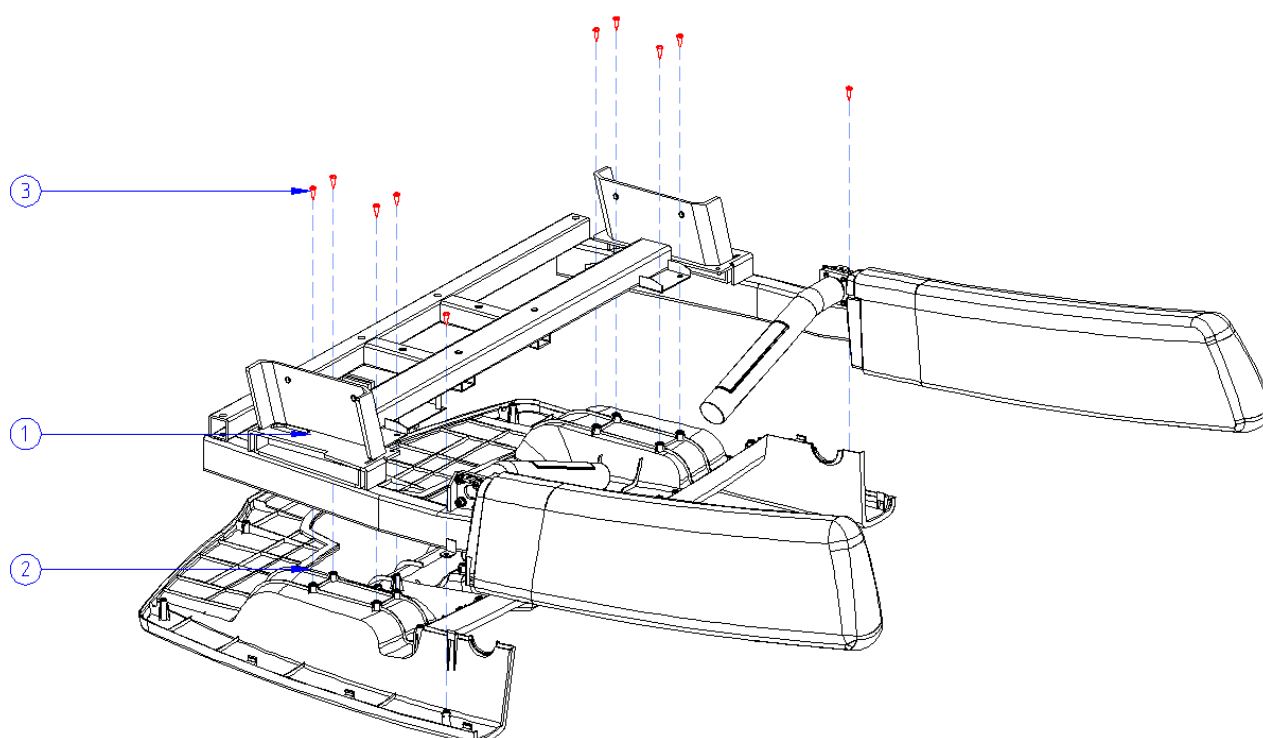
3-11 Assembly Display Frame (#3)



3-11 Description

No	Parts	Parts No.	Q'TY	Remark
1	Display bottom case	32M3-TS141	1 ea	
2	COMM board	22BD-TS15D	1 ea	
3	COMM fix bracket	32M1-TSV01	1 ea	Φ5 x 16L
4	Machine pan head	33T6-1B408	2 ea	M4 x 8L(SEMS)
5	Tapping truss head	33U6-6Z512	2 ea	Φ5 x 12L

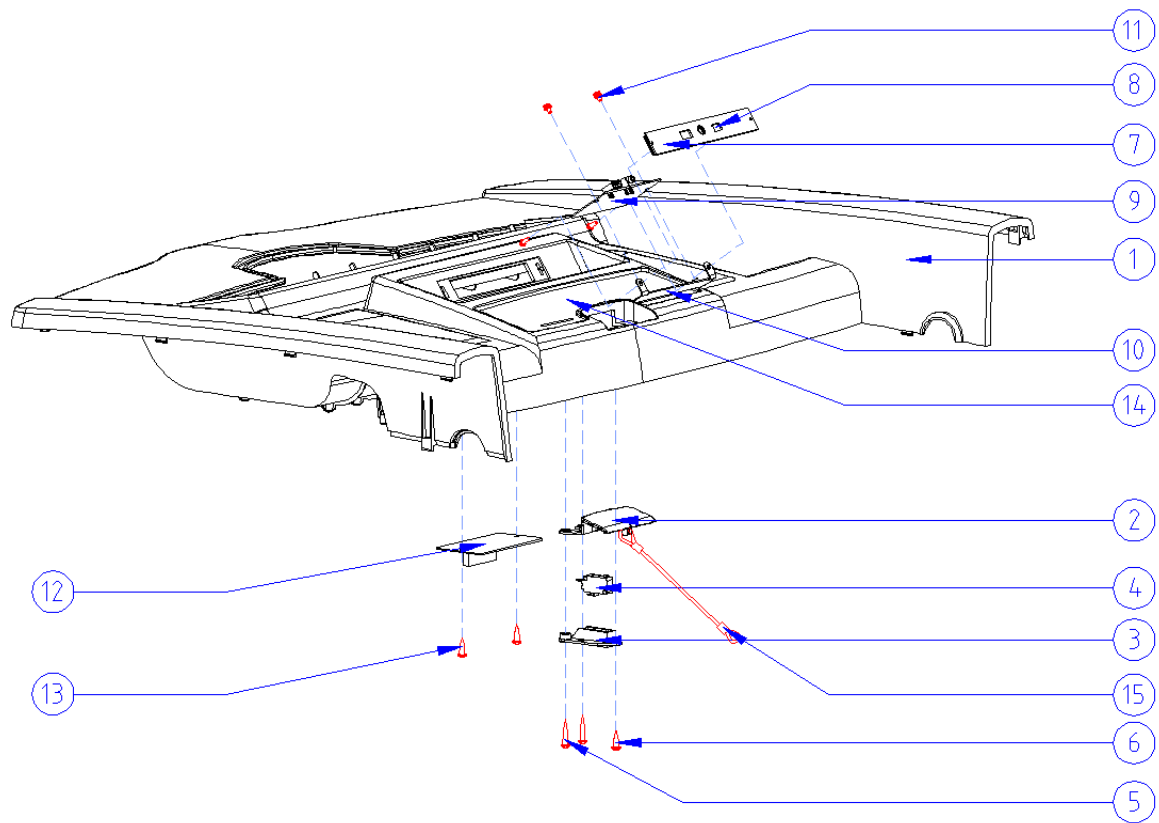
3-12 Assembly Display Frame (#4)



3-12 Description

No	Parts	Parts No.	Q'TY	Remark
1	Console assembly	21DC-TSA31	1 ea	
2	Middle case assembly	21DC-STA41	1 ea	
5	Tapping truss head	33U6-6Z512	10 ea	M5 x 12L(SEMS)

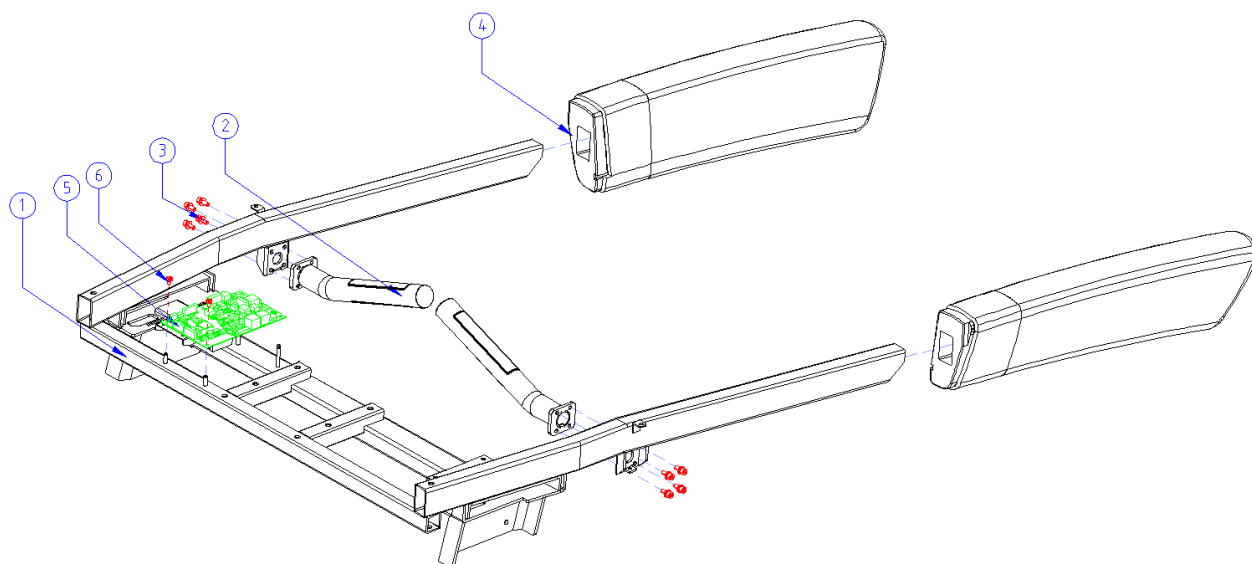
3-13 Assembly Display Frame (#5)



3-13 Description

No	Parts	Parts No.	Q'TY	Remark
1	Display middle case	32M3-TS131	1 ea	
2	Emergency switch	32M3-TS161	1 ea	
3	Emergency fix bracket	32M3-TS151	1 ea	
4	Micro switch	33H1-TS011	1 ea	
5	Tapping truss head	33U6-6Z520	2 ea	Φ5 x 20L
6	Tapping truss head	33U6-6Z516	1 ea	Φ5 x 16L
7	Multi board bracket	323M-TS171	1 ea	
8	IPOD cable	32Q1-TS1M1	1 ea	
9	Front board	22BD-TS14A	1 ea	
10	Multi fixer plate	32M1-TSAU1	1 ea	
11	Machine pan head	33T6-1B408	4 ea	M4 x 8L(SEMS)
12	Fast track board	22BD-TS13A	1 ea	
13	Tapping truss head	33U6-6B410	2 ea	Φ4 x 10L
14	Membrane switch(fast track)	32P5-TS021	1 ea	
15	Emergency wire	32Q1-TSEW1	1 ea	

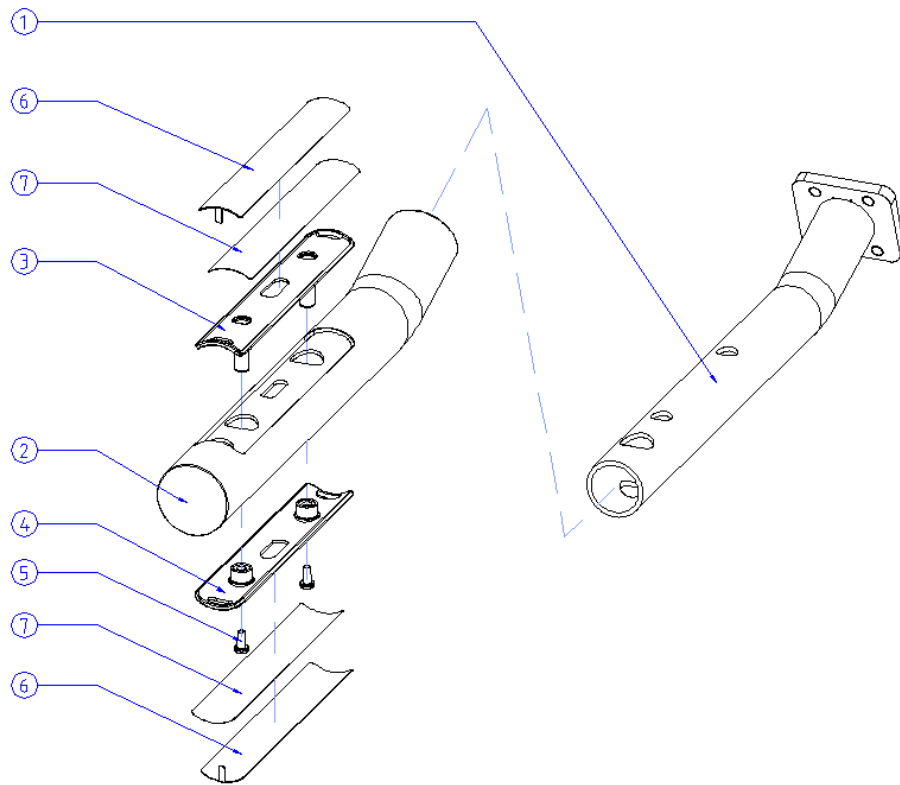
3-14 Assembly Display Frame (#6)



3-14 Description

No	Parts	Parts No.	Q'TY	Remark
1	Display main frame	32M1-TS0A3	1 ea	
2	Heart rate bar assembly	21HR-TS0B1	1 set	
3	Hexagon socket head	33W1-1B620	8 ea	M6 x 20L(SEMS)
4	Side handle _ LH(RH)	32M3-TSAQ1(R1)	1 set	
5	Interface board	22BD-TS12D	1 ea	
6	Machine pan head	33T2-1B410	2 ea	M4 x 10L(SEMS)

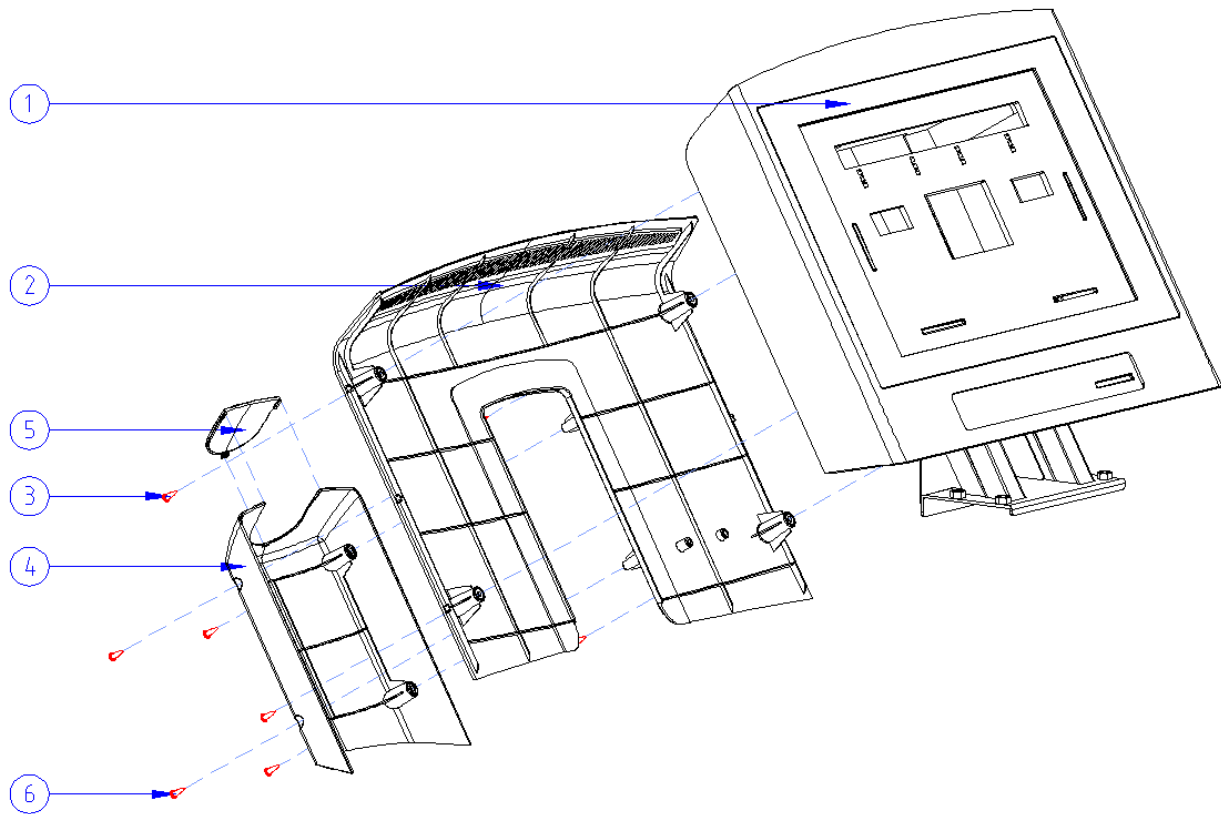
3-15 Assembly Display Frame (#7)



3-15 Description

No	Parts	Parts No.	Q'TY	Remark
1	Heart rate pipe assembly	32M1-TSA21	1 ea	
2	Heart rate rubber	32M3-TST31	1 ea	
3	Heart rate mold top	32M3-TS181	1 ea	
4	Heart rate mold bottom	32M3-TS191	1 ea	
5	Tapping pan head	33U5-6B410	2 ea	Φ4 x 10L
6	HR sensor cell	32M1-TST31	2 ea	
7	3M tape	32M1-TS3T1	2 ea	

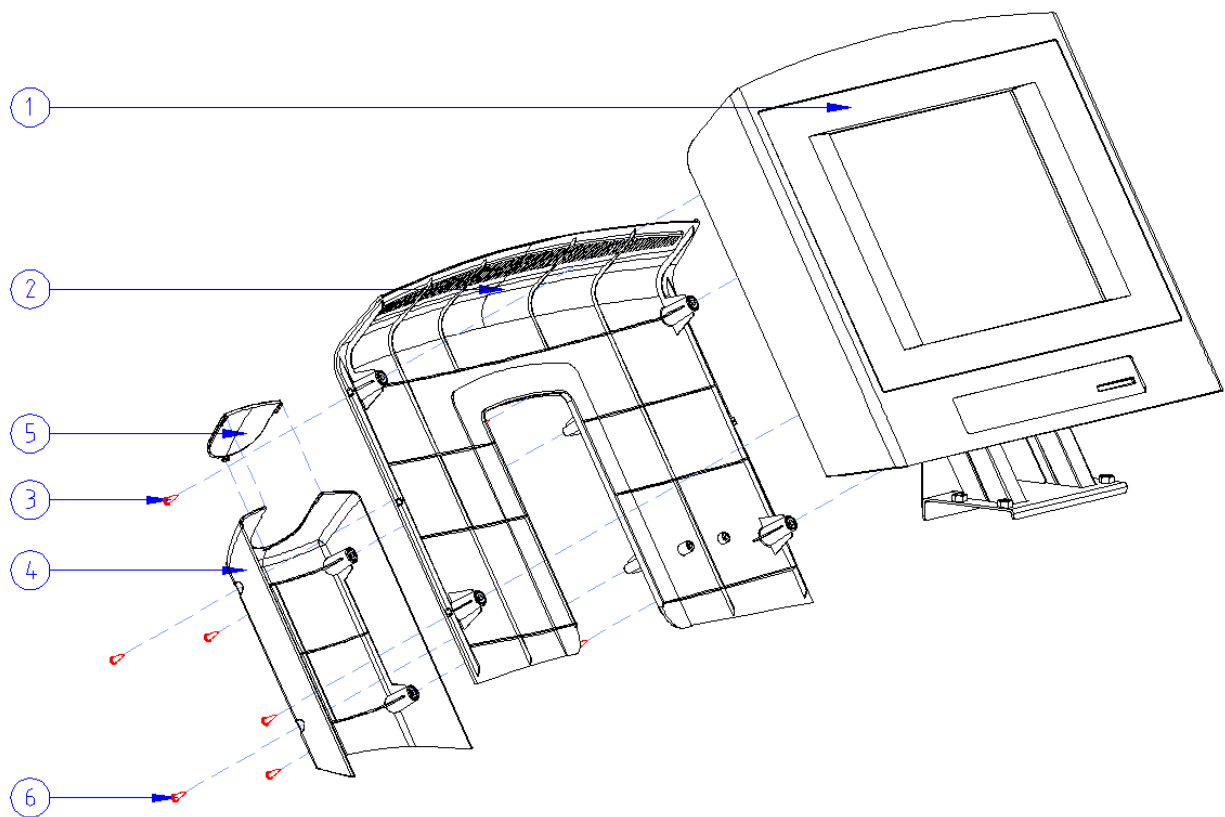
3-16-1 Assembly Display Frame – S25T, S25T + Attached LCD Model (#8)



3-16-1 Description

No	Parts	Parts No.	Q'TY	Remark
1	1'st display top assembly	21DC-TSB11	1 ea	
2	Display top bottom case	32M3-TS091	1 ea	
3	Tapping pan head	33U5-6B516	4 ea	Φ5 x 16L
4	Display top back cover	32M3-TS111	1 ea	
5	Display top back upper cover	32M1-TSAD1	1 ea	
6	Tapping pan head	33U5-6B516	4 ea	Φ5 x 16L

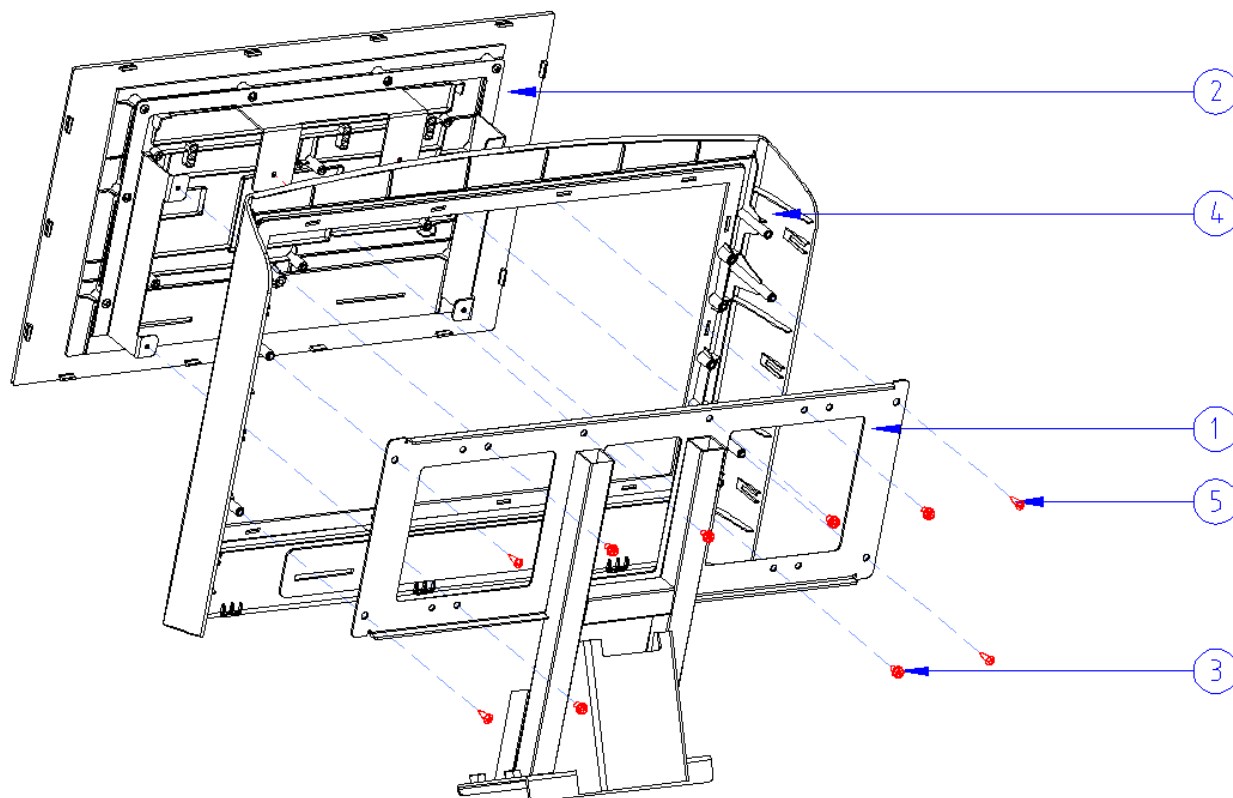
3-16-2 Assembly Display Frame – S25TX (#8)



3-16-2 Description

No	Parts	Parts No.	Q'TY	Remark
1	1'st display top assembly	21DC-TSC11	1 ea	
2	Display top bottom case	32M3-TS091	1 ea	
3	Tapping pan head	33U5-6B516	4 ea	Φ5 x 16L
4	Display top back cover	32M3-TS111	1 ea	
5	Display top back upper cover	32M1-TSAD1	1 ea	
6	Tapping pan head	33U5-6B516	4 ea	Φ5 x 16L

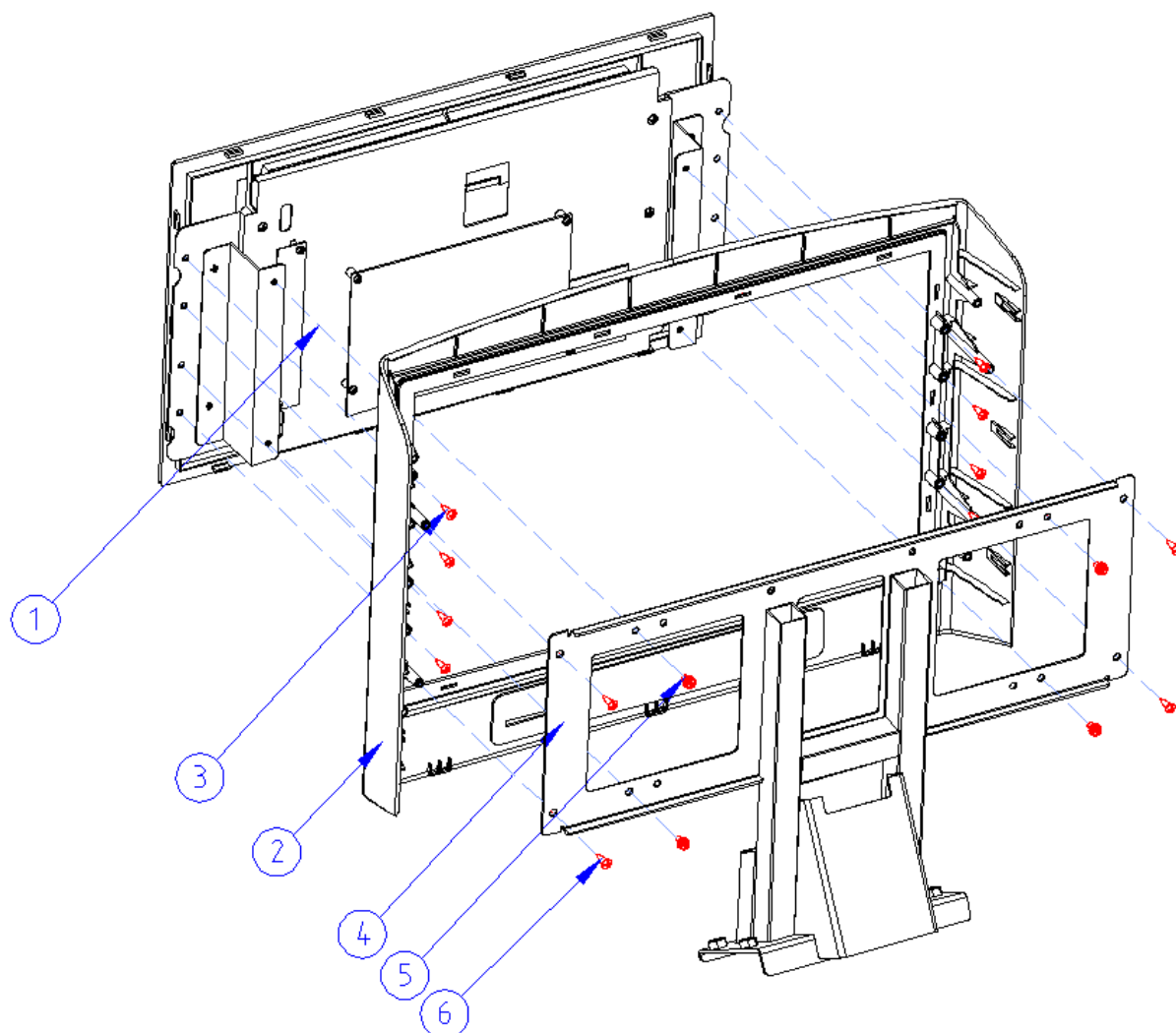
3-17-1 Assembly Display Frame – S25T, S25T + Attached LCD Model (#9)



3-17-1 Description

No	Parts	Parts No.	Q'TY	Remark
1	Top assembly	32M1-TSX04	1 ea	
2	Top front panel assembly	21DC-TSB21	1 ea	
3	Machine pan head	33T6-1B512	6 ea	M5 x 12L(SEMS)
4	Display top middle case	32M3-TS081	1 ea	
5	Tapping truss head	33U6-6Z512	4 ea	Φ5 x 12L

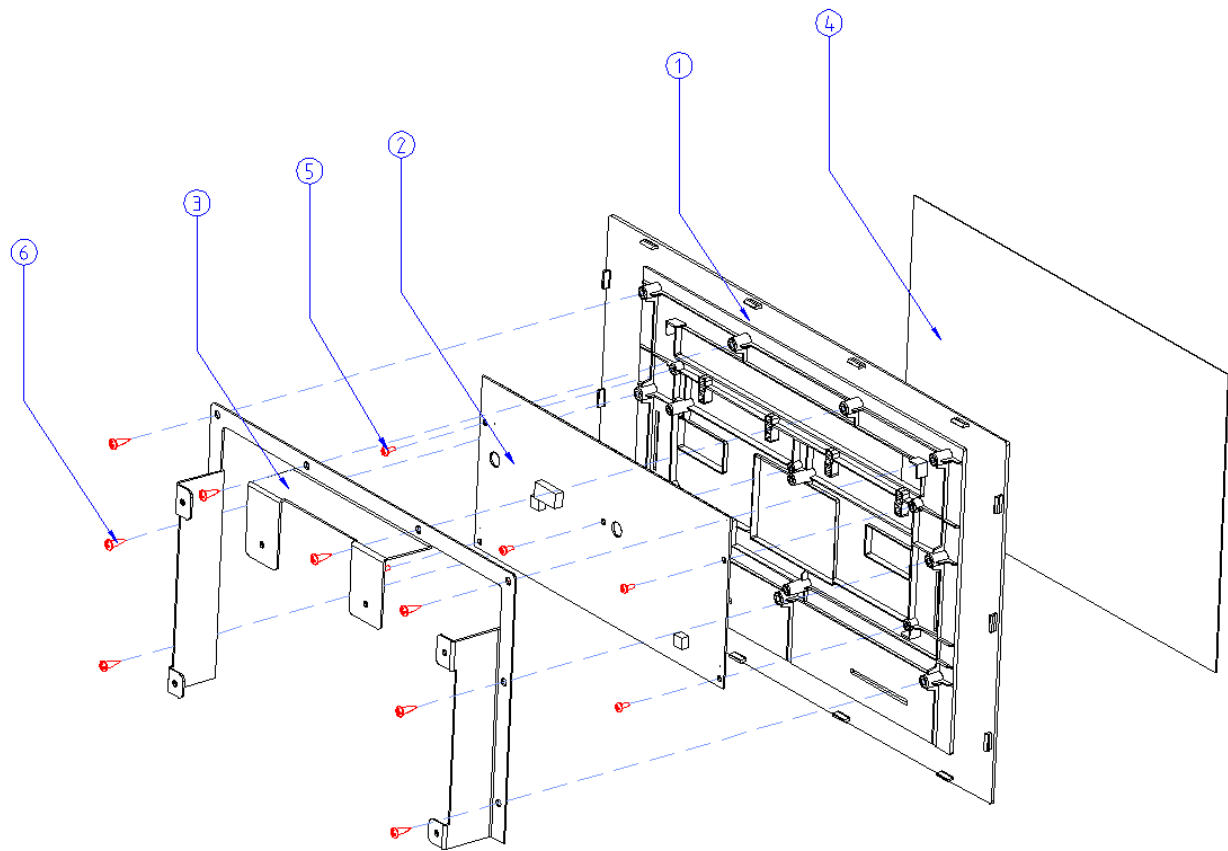
3-17-2 Assembly Display Frame – S25TX (#9)



3-17-2 Description

No	Parts	Parts No.	Q'TY	Remark
1	Top front panel assembly	21DC-TSC21	1 ea	
2	Display top middle case	32M3-TS081	1 ea	
3	Tapping truss head	33U6-6Z512	8 ea	Φ5 x 12L
4	Top assembly	32M1-TSX01	1 ea	
5	Machine pan head	33T6-1B512	4 ea	M5 x 12L(SEMS)
6	Tapping truss head	33U6-6Z512	4 ea	Φ5 x 12L

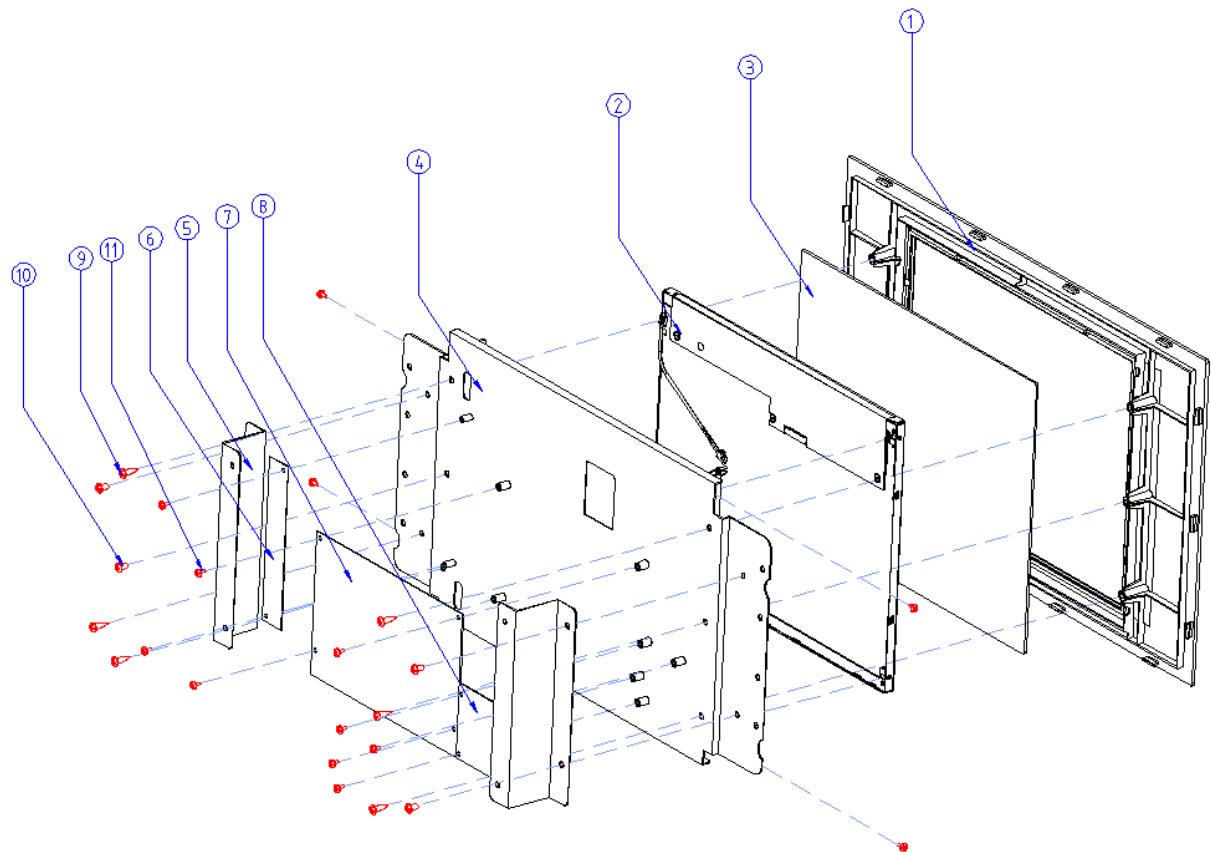
3-18-1 Assembly Display Frame – S25T, S25T + Attached LCD Model (#10)



3-18-1 Description

No	Parts	Parts No.	Q'TY	Remark
1	Display top front panel (Basic)	32M3-TS071	1 ea	
2	Display board	22BD-TS11C	1 ea	
3	Panel fixer plate	32M1-TSY01	1 ea	
4	Membrane overlay	32P5-TS011	1 ea	
5	Tapping truss head	33U6-6Z412	5 ea	Φ4x12L
6	Tapping truss head	33U6-6Z512	8 ea	Φ 5x12L

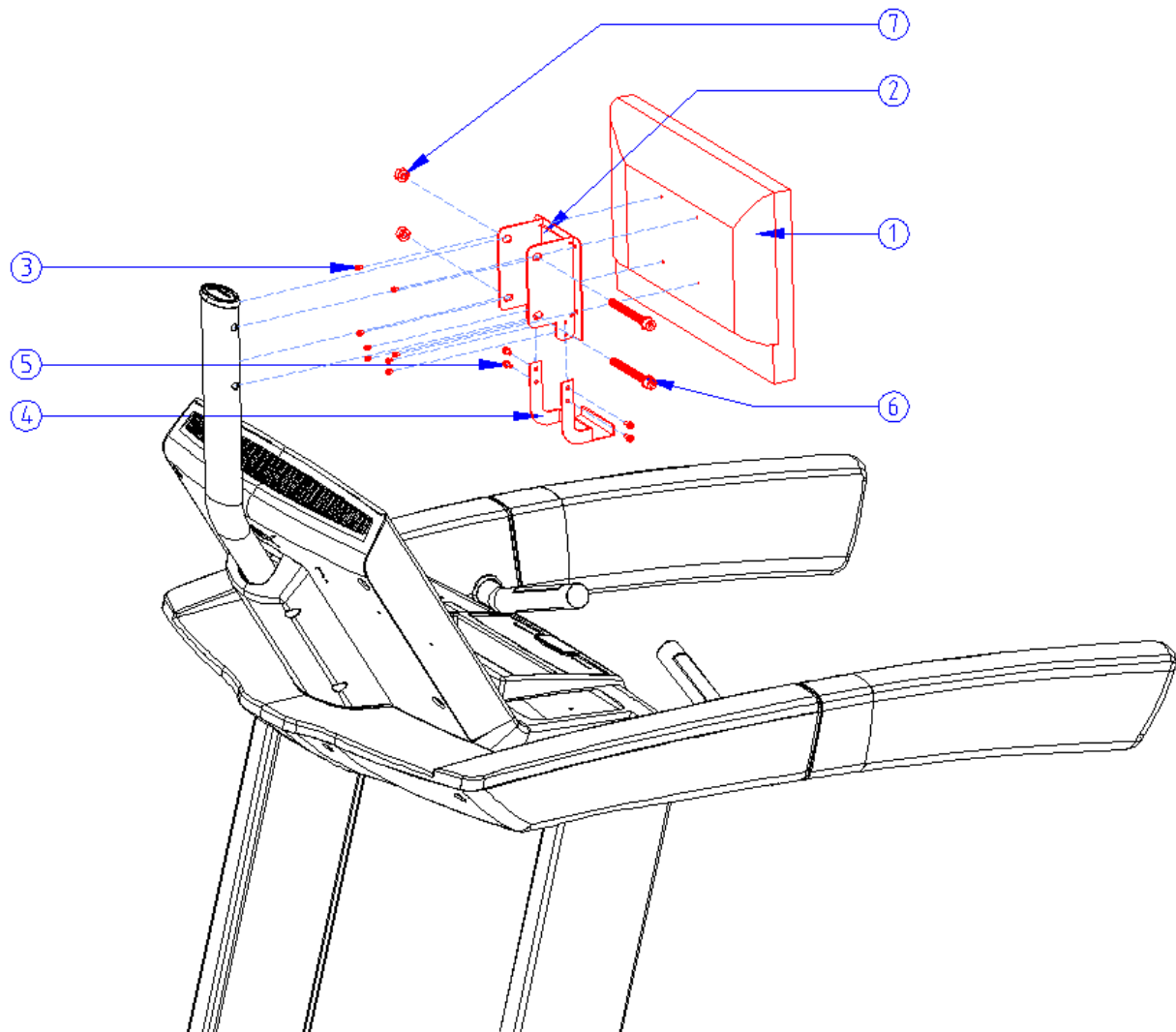
3-18-2 Assembly Display Frame – S25TX (#10)



3-18-2 Description

No	Parts	Parts No.	Q'TY	Remark
1	Display top front panel (15" LCD)	32M3-TSX71	1 ea	
2	15" LCD panel	33F3-L0151	1 ea	
3	LCD guide panel (15")	32M2-TS0U1	1 ea	
4	15" bracket	32M1-TSX32	1 ea	
5	LCD back plate _ LH(RH)	32M1-TSXC1/D1	1 set	
6	Inverter board	22BD-TS121	1 ea	
7	Scaler board	22BD-TS111	1 ea	
8	Tuner board	22BD-TS131	1 ea	
9	Tapping truss head	33U6-6Z512	6 ea	
10	Machine pan head	33T6-1B512	4 ea	M5 x 12L(SEMS)
11	Machine pan head	33T6-1Z308	13 ea	M3 x 8L

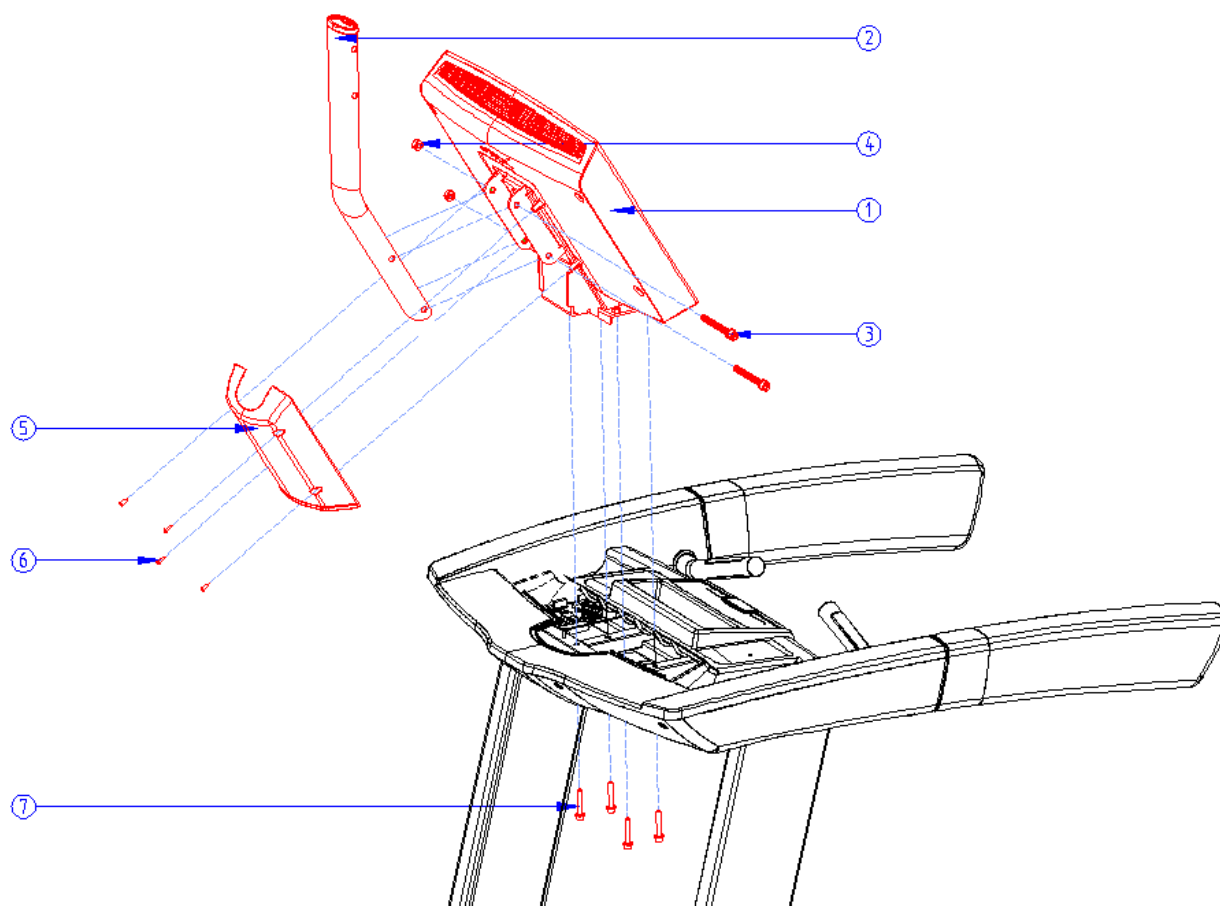
3-19 Toatal assembly - S25T + Attached LCD Model



3-19 Description

No	Parts	Parts No.	Q'TY	Remark
1	LCD monitor	33F3-LS001	1 ea	
2	Attach LCD mount plate 01	32M1-TSLA1	1 ea	
3	Machine pan head	33T2-1B412	1 ea	M4 x 12L
4	LCD sub mount bracket	32M1-TSLD1	1 ea	
5	Machine pan head	33T6-1B512	4 ea	M5 x 12L(SEMS)
6	Hexagon socket head	33W1-2NAA0	2 ea	M10 x 100L
7	Nut-nylon insert lock	33N1-L1000	2 ea	M10

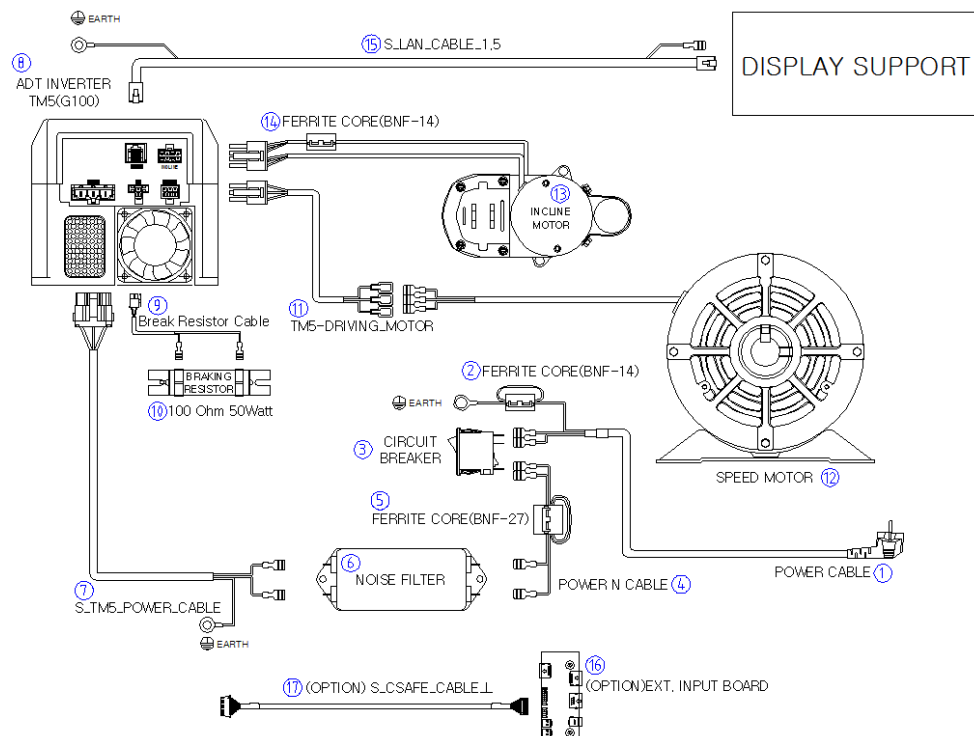
3-20 Assembly Attach frame - S25T + Attached LCD Model



3-20 Description

No	Parts	Parts No.	Q'TY	Remark
1	Display top assembly	21DC-TSB01	1 ea	Without display top back cover
2	Attach pipe	32M1-TSPA2	1 ea	
3	Hexagon socket head	33W1-2NAA0	2 ea	M10 x 100L
4	Nut-nylon insert lock	33N1-L1000	2 ea	M10
5	Display top back cover	32M3-TS111	1 ea	
6	Tapping pan head	33U5-6B516	4 ea	Φ5 x 16L
7	Hexagon socket head	33W1-1B850	4 ea	M8 x 50L(SEMS)

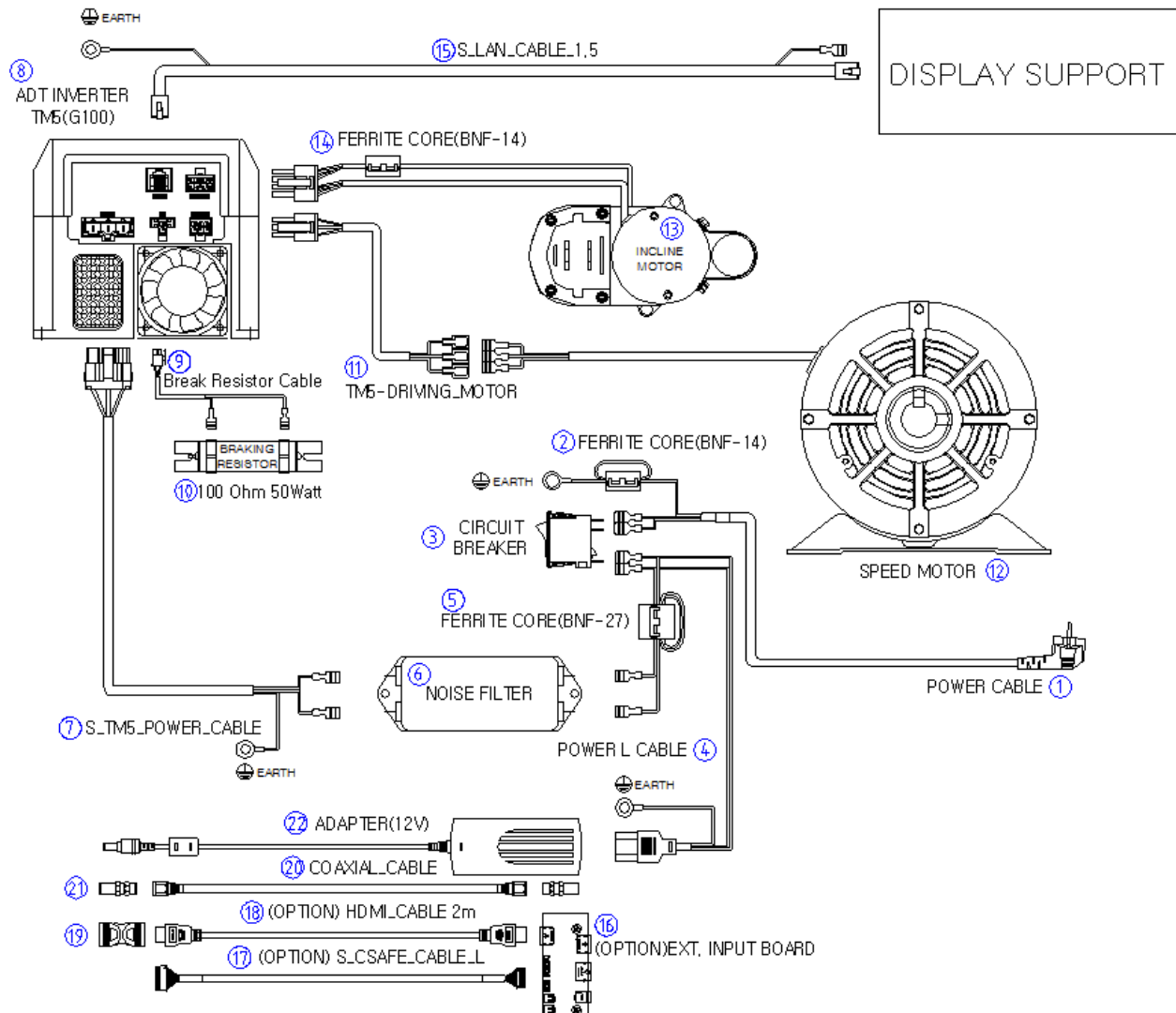
3-21-1 Main Circuit Diagram – S25T



3-21-1 Description

No	Parts	Parts No.	Q'TY	Remark
1	Power cable	33S2-P0011	1 ea	
2	Ferrite core (BNF-14)	32FC-TS011	1 ea	
3	Circuit breaker	33S2-S0004	1 ea	
4	Power N cable	33Q1-TS1F3	1 ea	
5	Ferrite core (BNF-27)	32FC-TS021	1 ea	
6	Noise filter	33S2-F0002	1 ea	
7	S_TM5_Power cable	32Q1-TS1E2	1 ea	
8	Inverter-TM5(G100)	33S2-IS201	1 ea	
9	Break resistor cable	32Q1-TX0A1	1 ea	
10	Break resistor	33S2-R0002	1 ea	
11	TM5 Driving motor	32Q1-T81D1	1 ea	
12	Driving motor assembly	21DM-TW003	1 ea	
13	Incline motor	33S1-IS021	1 ea	
14	Ferrite core (BNF-14)	32FC-TS011	1 ea	
15	S_LAN cable 1.5	32Q1-TS1B3	1 ea	
16	EXT. Input board	22BD-TS16D	1 ea	Option
17	S_CSAFE cable _ L	32Q1-TS1A2	1 ea	Option

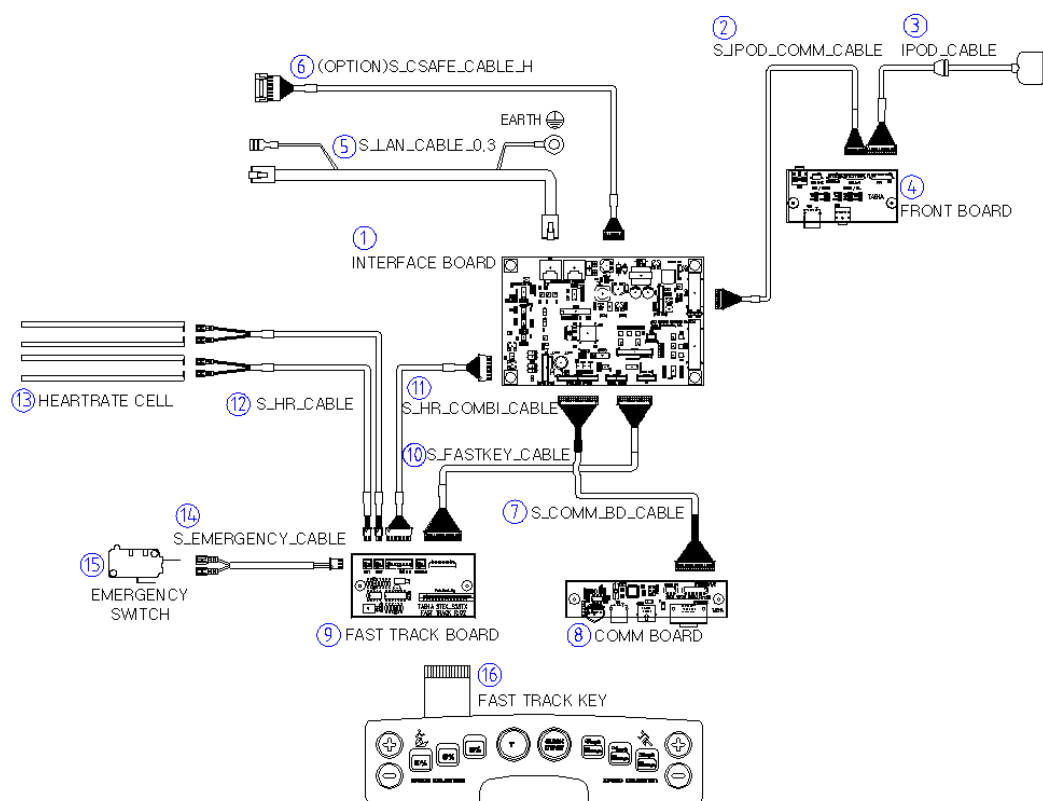
3-21-2 Main Circuit Diagram – S25TX, S25T + Attached LCD Model



3-21-2 Description

No	Parts	Parts No.	Q'TY	Remark
1	Power cable	33S2-P0011	1 ea	
2	Ferrite core (BNF-14)	32FC-TS011	1 ea	
3	Circuit breaker	33S2-S0004	1 ea	
4	Power L cable	33Q1-TS1G4	1 ea	
5	Ferrite core (BNF-27)	32FC-TS021	1 ea	
6	Noise filter	33S2-F0002	1 ea	
7	S_TM5_Power cable	32Q1-TS1E2	1 ea	
8	Inverter-TM5(G100)	33S2-IS201	1 ea	
9	Break resistor cable	32Q1-TX0A1	1 ea	
10	Break resistor	33S2-R0002	1 ea	
11	TM5 Driving motor	32Q1-T81D1	1 ea	
12	Driving motor assembly	21DM-TW003	1 ea	
13	Incline motor	33S1-IS021	1 ea	
14	Ferrite core (BNF-14)	32FC-TS011	1 ea	
15	S_LAN cable 1.5	32Q1-TS1B3	1 ea	
16	EXT. Input board	22BD-TS16D	1 ea	Option
17	S_CSAFE cable _ L	32Q1-TS1A2	1 ea	Option
18	HDMI cable 2m	33Q1-MS041	1 ea	Option
19	HDMI F/F gender	33Q1-MS051	1 ea	Option
20	Coaxial cable	32Q1-T8151	1 ea	
21	Coaxial cable connection jack	33Q1-C0001	1 ea	
22	Adapter (12V)	32Q1-T80P1	1 ea	

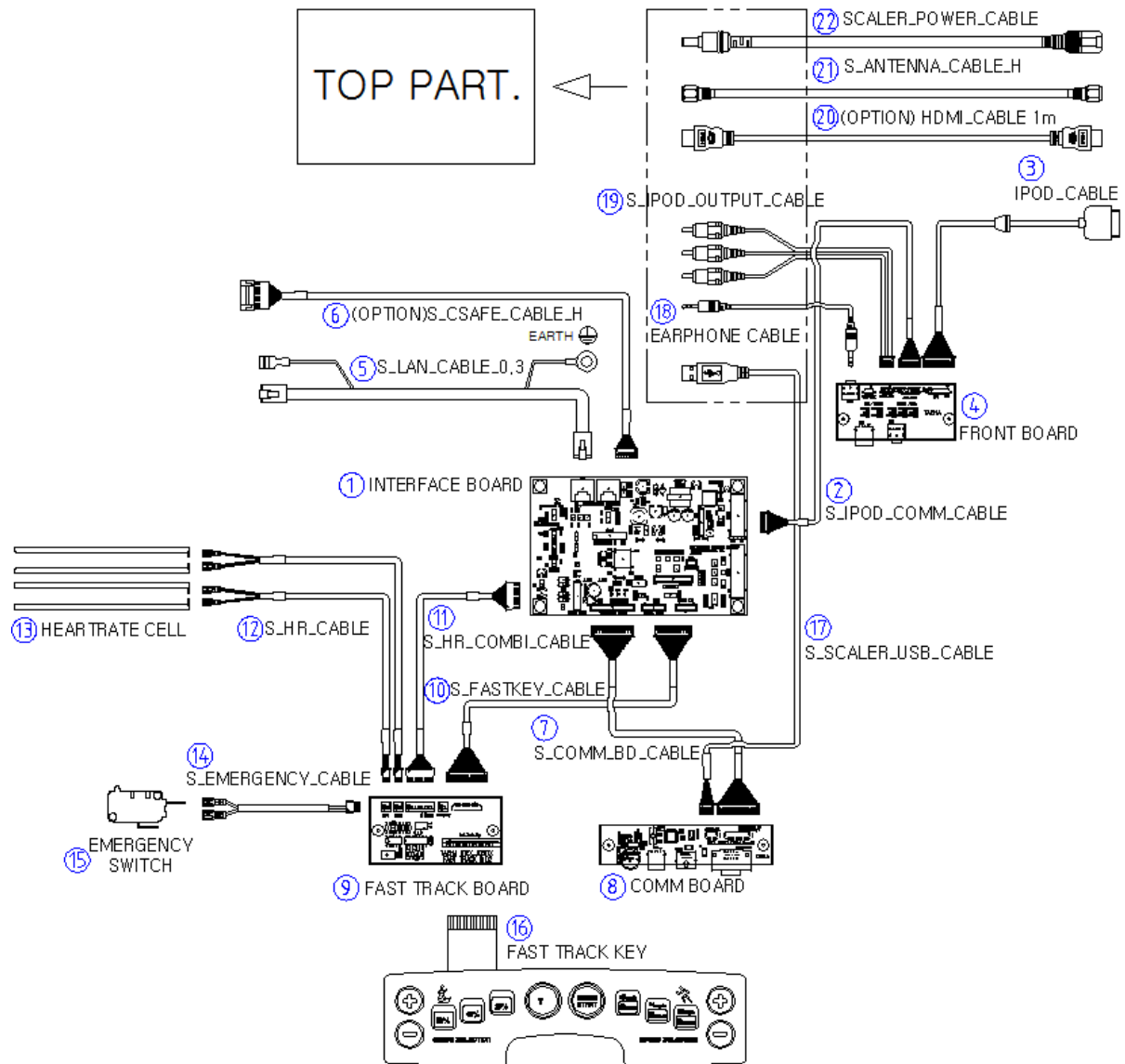
3-22-1 Display Circuit Diagram – S25T



3-22-1 Description

No	Parts	Parts No.	Q'TY	Remark
1	Interface board	22BD-TS12K	1 ea	
2	S _ IPOD _ Comm cable	32Q1-TS153	1 ea	
3	IPOD cable	32Q1-TS1M1	1 ea	
4	Front board	22BD-TS14E	1 ea	
5	S _ LAN cable 0.3	32Q1-TS1C3	1 ea	
6	S _ CSAFE cable _ H	32Q1-TS192	1 ea	Option
7	S _ Comm _ BD cable	32Q1-TS144	1 ea	
8	Comm board	22BD-TS15D	1 ea	
9	Fast track board	22BD-TS13B	1 ea	
10	S _ Fast key cable	32Q1-TS164	1 ea	
11	S _ HR Combi cable	32Q1-TS113	1 ea	
12	S _ HR cable	32Q1-TS123	2 ea	
13	Heart rate cell	32M1-TST31	4 ea	
14	S _ Emergency cable	32Q1-TS133	1 ea	
15	Emergency switch	32M3-TS161	1 ea	
16	Fast track key	32P5-TS021	1 ea	

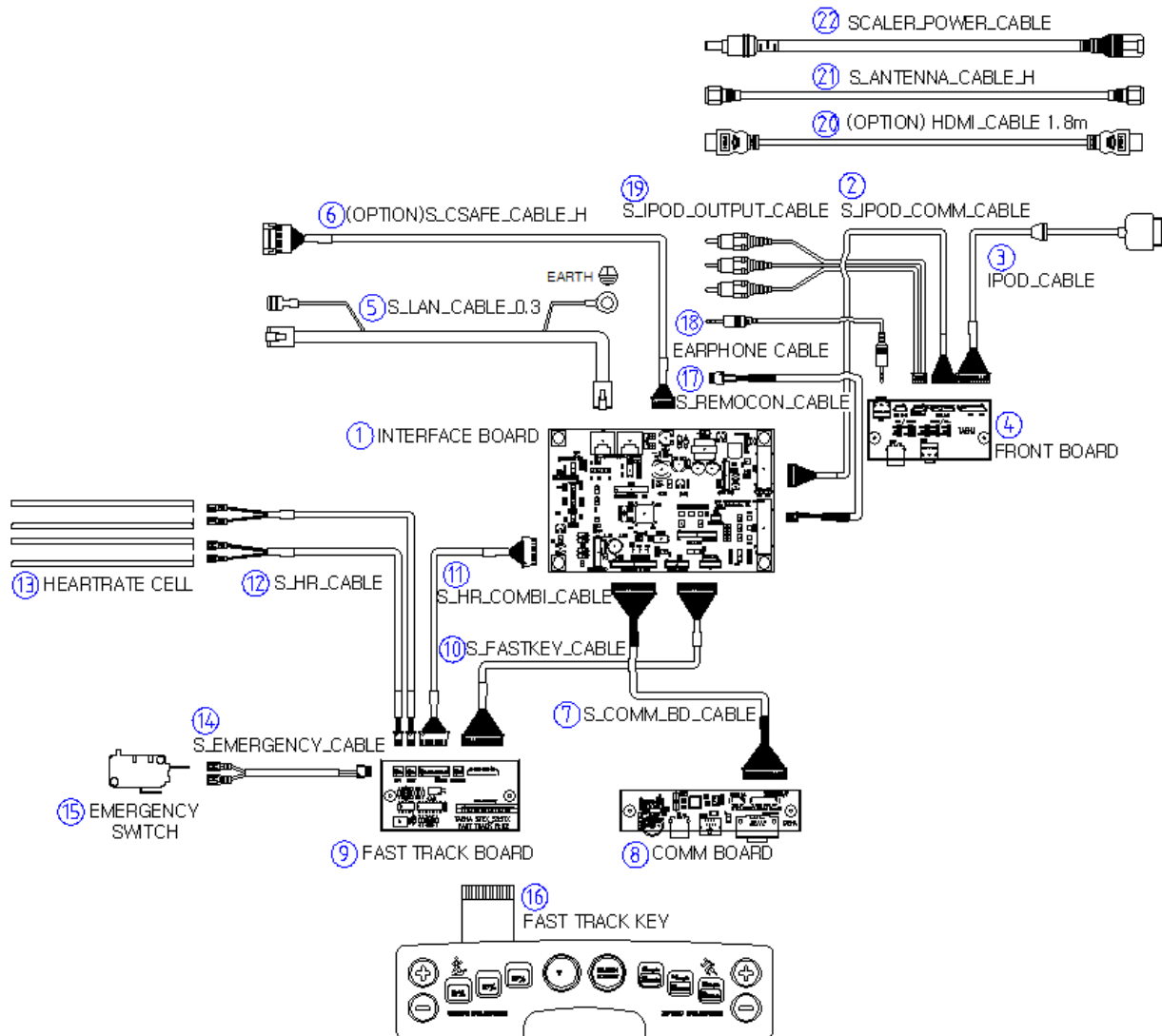
3-22-2 Display Circuit Diagram – S25TX



3-22-2 Description

No	Parts	Parts No.	Q'TY	Remark
1	Interface board	22BD-TS12K	1 ea	
2	S _ IPOD _ Comm cable	32Q1-TS153	1 ea	
3	IPOD cable	32Q1-TS1M1	1 ea	
4	Front board	22BD-TS14E	1 ea	
5	S _ LAN cable 0.3	32Q1-TS1C3	1 ea	
6	S _ CSAFE cable _ H	32Q1-TS192	1 ea	Option
7	S _ Comm _ BD cable	32Q1-TS144	1 ea	
8	Comm board	22BD-TS15D	1 ea	
9	Fast track board	22BD-TS13B	1 ea	
10	S _ Fast key cable	32Q1-TS164	1 ea	
11	S _ HR Combi cable	32Q1-TS113	1 ea	
12	S _ HR cable	32Q1-TS123	2 ea	
13	Heart rate cell	32M1-TST31	4 ea	
14	S _ Emergency cable	32Q1-TS133	1 ea	
15	Emergency switch	32M3-TS161	1 ea	
16	Fast track key	32P5-TS021	1 ea	
17	S _ Scaler _ USB cable	32Q1-TS1Q1	1 ea	
18	Earphone cable	32Q1-T80R1	1 ea	
19	S _ IPOD Output cable	32Q1-TS1H2	1 ea	
20	HDMI cable 1m	33Q1-MS011	1 ea	Option
21	S _ Antenna cable _ H	32Q1-TS1J2	1 ea	
22	SCALER _ Power cable	32Q1-TS1S1	1 ea	

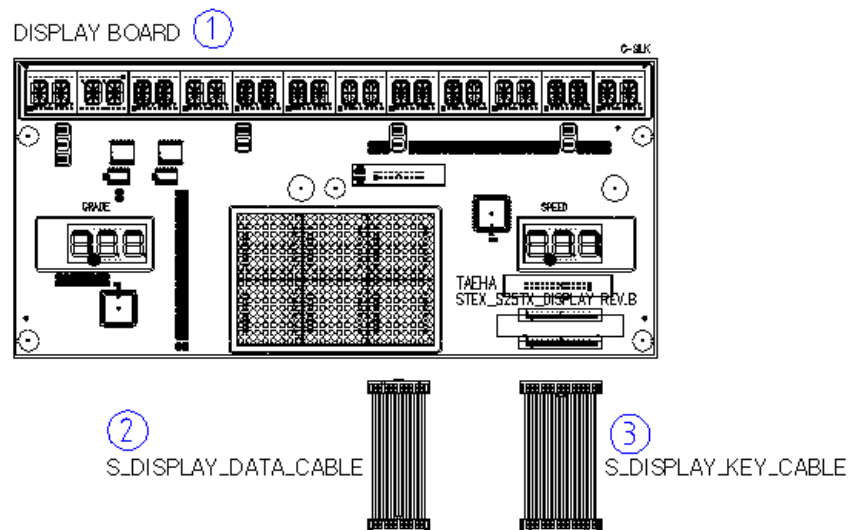
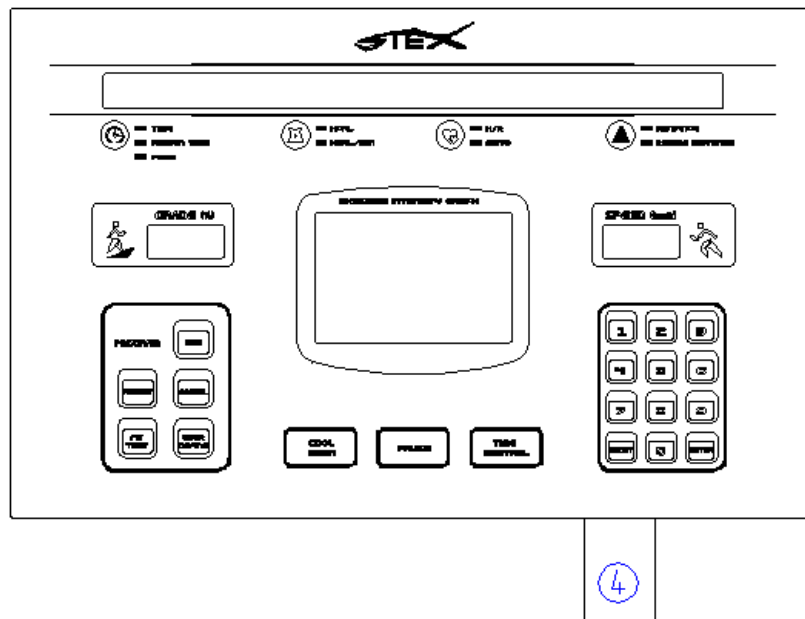
3-22-3 Display Circuit Diagram – S25T + Attached LCD Model



3-22-3 Description

No	Parts	Parts No.	Q'TY	Remark
1	Interface board	22BD-TS12K	1 ea	
2	S _ IPOD _ Comm cable	32Q1-TS153	1 ea	
3	IPOD cable	32Q1-TS1M1	1 ea	
4	Front board	22BD-TS14E	1 ea	
5	S _ LAN cable 0.3	32Q1-TS1C3	1 ea	
6	S _ CSAFE cable _ H	32Q1-TS192	1 ea	Option
7	S _ Comm _ BD cable	32Q1-TS144	1 ea	
8	Comm board	22BD-TS15D	1 ea	
9	Fast track board	22BD-TS13B	1 ea	
10	S _ Fast key cable	32Q1-TS164	1 ea	
11	S _ HR Combi cable	32Q1-TS113	1 ea	
12	S _ HR cable	32Q1-TS123	2 ea	
13	Heart rate cell	32M1-TST31	4 ea	
14	S _ Emergency cable	32Q1-TS133	1 ea	
15	Emergency switch	32M3-TS161	1 ea	
16	Fast track key	32P5-TS021	1 ea	
17	S _ Remocon cable	32Q1-TS1V1	1 ea	
18	Earphone cable	32Q1-T80R1	1 ea	
19	S _ IPOD Output cable	32Q1-TS1H2	1 ea	
20	HDMI cable 1.8m	33Q1-MS031	1 ea	Option
21	S _ Antenna cable _ H	32Q1-TS1J2	1 ea	
22	SCALER _ Power cable	32Q1-TS1S1	1 ea	

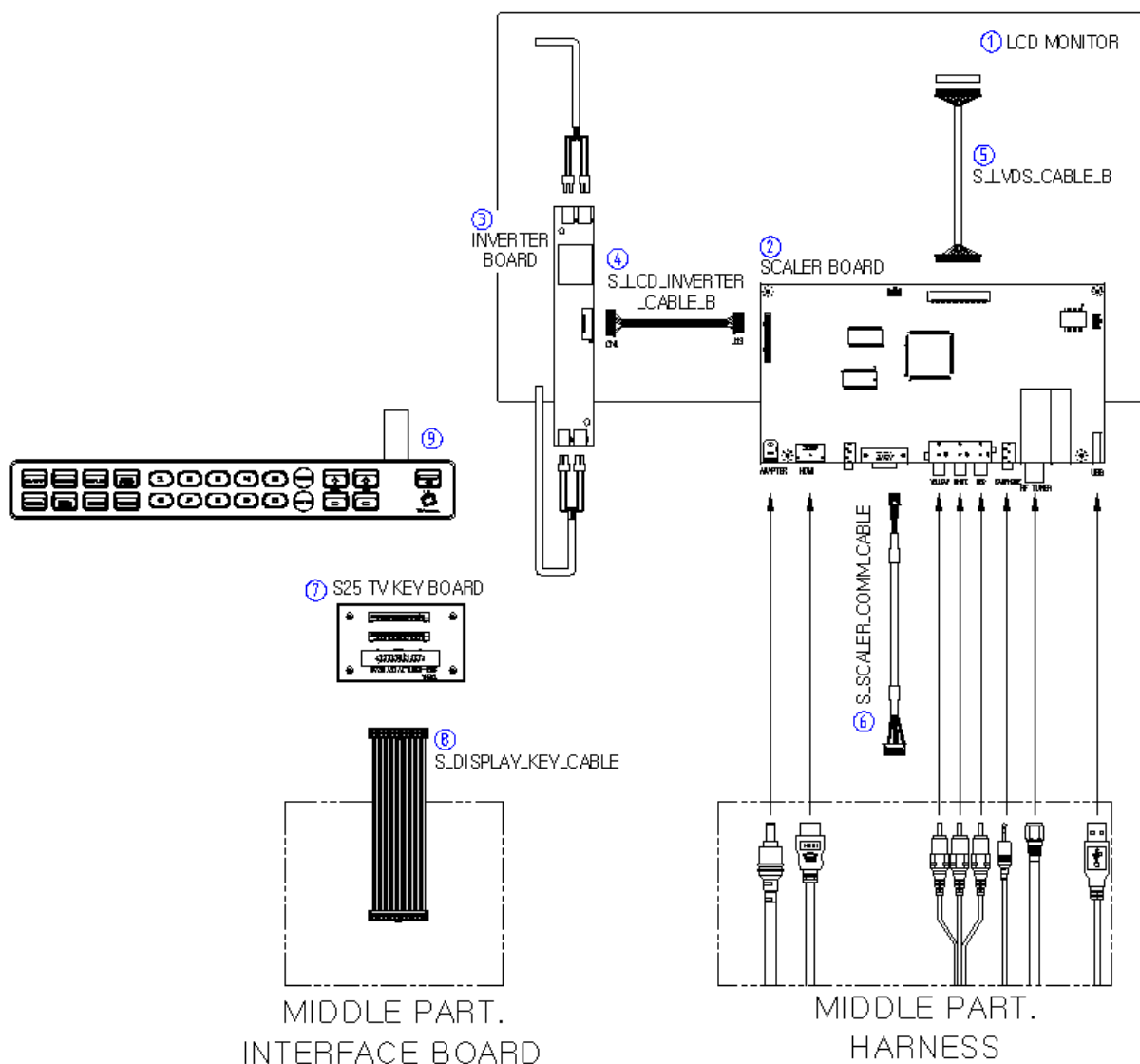
3-23-1 Top Circuit Diagram – S25T



3-23-1 Description

No	Parts	Parts No.	Q'TY	Remark
1	Display board	22BD-TS11E	1 ea	
2	S _ Display data cable	32Q1-TS181	1 ea	
3	S _ Display key cable	32Q1-TS171	1 ea	
4	Membrane overlay	32P5-TS011	1 ea	

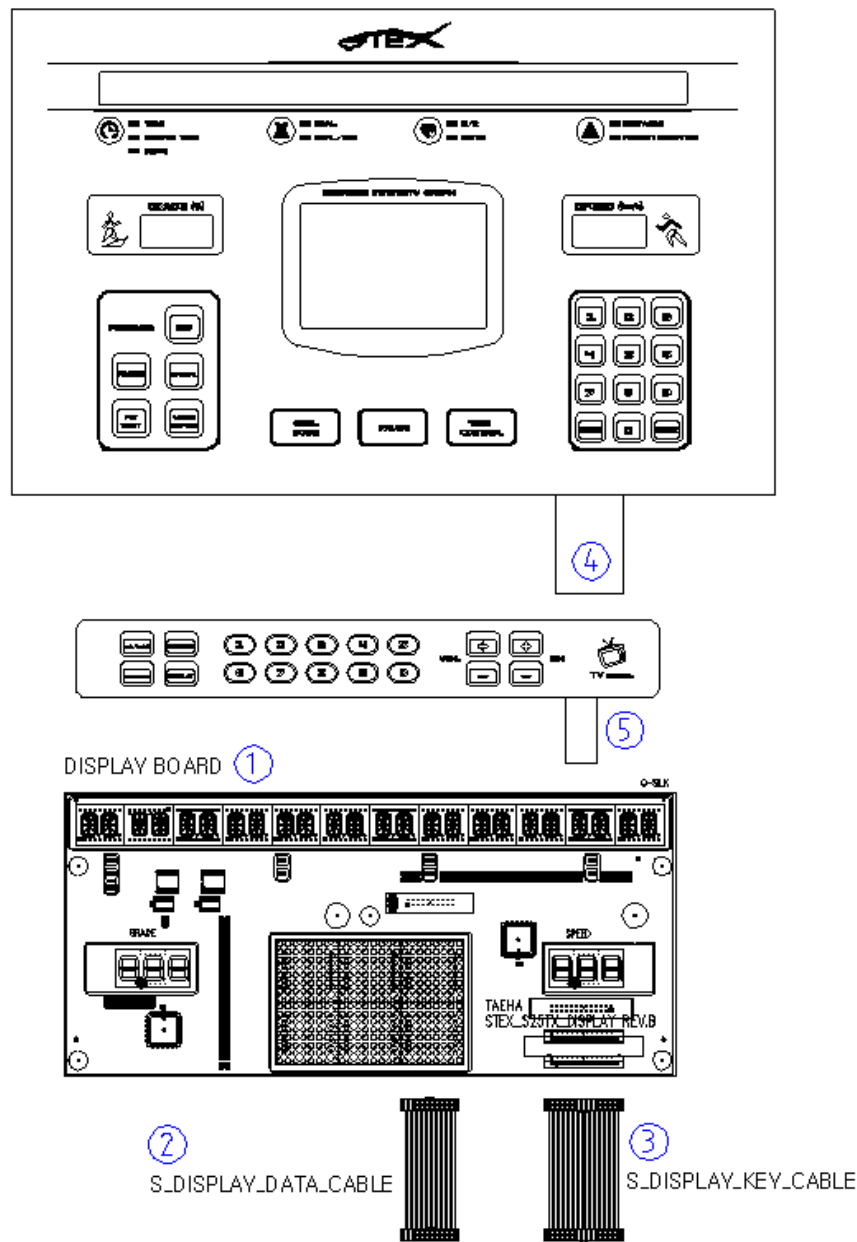
3-23-2 Top Circuit Diagram – S25TX



3-23-2 Description

No	Parts	Parts No.	Q'TY	Remark
1	LCD monitor	33F3-LS001	1 ea	
2	Scaler board	33BD-TS121	1 ea	
3	Inverter board	22BD-TS181	1 ea	
4	S _ LCD _ Inverter cable _ B	32Q1-TS352	1 ea	
5	S _ LVDS cable_B	32Q1-TS341	1 ea	
6	S _ SCALER Comm cable	32Q1-TS1D2	1 ea	
7	TV Key board	22BD-TS171	1 ea	
8	S _ Display Key cable	32Q1-TS171	1 ea	
9	Membrane switch	32P5-TS032	1 ea	

3-23-3 Top Circuit Diagram – S25T + Attached LCD Model



3-23-3 Description

No	Parts	Parts No.	Q'TY	Remark
1	Display board	22BD-TS11E	1 ea	
2	S _ Display data cable	32Q1-TS181	1 ea	
3	S _ Display key cable	32Q1-TS171	1 ea	
4	Membrane overlay	32P5-TS011	1 ea	
5	Membrane switch	32P5-TS041	1 ea	

4. Assembly instructions

The following parts list & step-by-step assembly procedures have been prepared to assemble and operate the S25T //S25TX//S25TX+touch//S25T + Attached LCD Model treadmill as quick and easy as possible. Please take special note of the following important matters prior to choosing a location and beginning assembly of the treadmill.

Important safety instructions!

To reduce the risk of injury, read the following instructions before assembling and operating the treadmill.

- ➡ **DO** read the entire operation manual prior to operating this machine.
- ➡ **DO** verify the contents of the delivery prior to setting the machine. If there are any missing parts, contact STEX(Sales dealer or our service center) at the number listed in the operation manual. Keep the shipping cartons in case of returning.
- ➡ **DO** keep the treadmill indoors, away from moisture the high humidity and dust.
- ➡ **DO NOT** operate treadmill and contact STEX(Distributor of Our Service Center) at the telephone number listed in the operation manual if it has been dropped, damaged, or even partially immersed in water.
- ➡ **DO** keep the area around treadmill clear, locate the Treadmill on a clear and leveled floor.

Accompanying parts

No	Parts	Q'TY	Models			
			S25T	S25TX	S25TX+ touch	S25T + Attached LCD Model
1	Master main frame	1	○	○	○	○
2	Display support R	1	○	○	○	○
3	Display support L	1	○	○	○	○
4	Hexagon socket head // (SEMS)M8x20L	10	○	○	○	○
5	Display console assembly	1	○	○	○	○
6	Hexagon socket head // (SEMS)M8x20L	4	○	○	○	○
7	Display top assembly	1	○	○	○	○
8	Hexagon socket head // (SEMS)M8x50L	4	○	○	○	○

Optional // IF you want to convert this model into the LCD attachable type...

9	Attach pipe	1				○
10	Hexagon socket head // (SEMS)M10x100L	4				○
11	Hexagon nut // M10	4				○
12	Attach LCD mount plate 01	1				○
13	LCD sub mount bracket	1				○
14	Pan head screw // (SEMS)M5x12L	4				○
15	LCD monitor	1				○
16	Pan head screw // (SEMS)M4x12L	8				○

Tools required for assembly

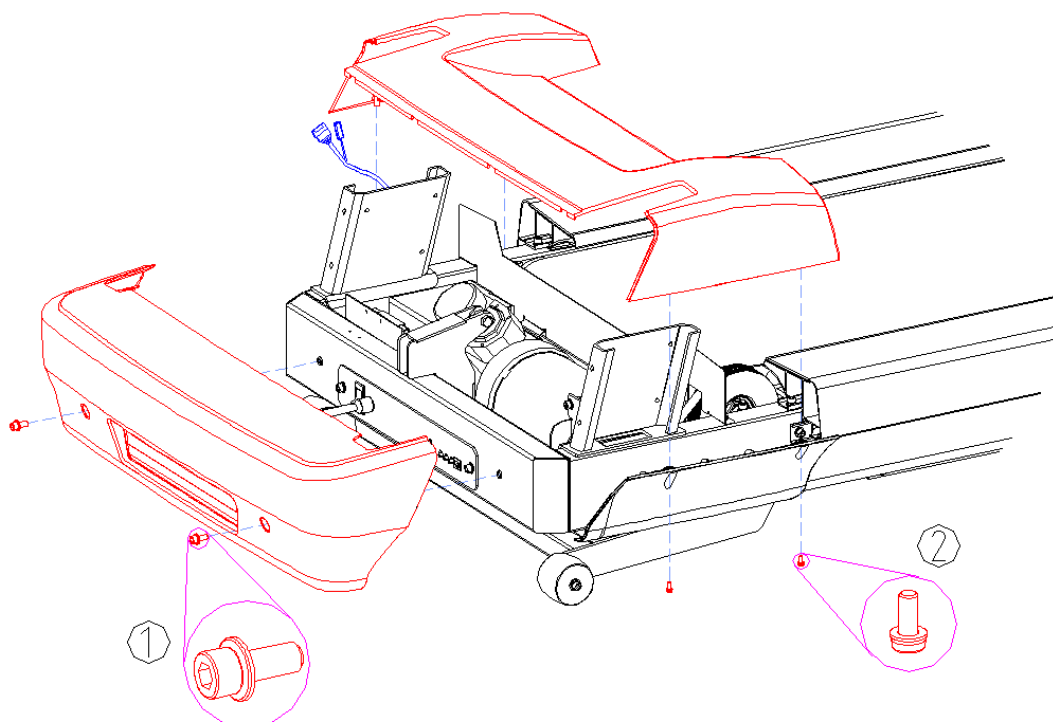
Screw driver, 6mm L-wrench, 17" Spanner

Assembly procedures

➔ S25T

1. Check the contents//Accompanying parts, required tools, & others...

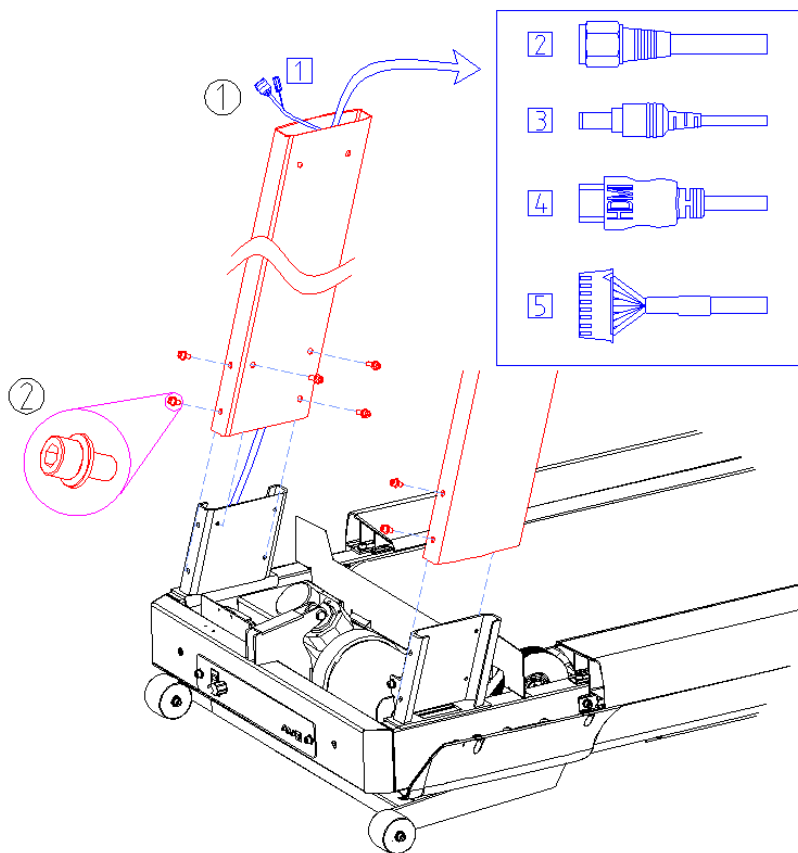
2. Disjoint the FRONT COVER and TOP MOTOR COVER



① Unfasten the 2 bolts(M8×20mm) from the FRONT COVER with 6mm L-wrench.(1)

② Unfasten the 4 bolts(M5×12mm) from the TOP MOTOR COVER with Screw driver.(2)

3. Secure the DISPLAY SUPPORT



① Unwrap the cables. Lead the cables through the DISPLAY SUPPORT R and Pull out the cables to the DISPLAY SUPPORT R end.(1)

1) Main cable - S25T, S25TX, S25T + Attached LCD Model

2) RF cable - S25TX, S25T + Attached LCD Model

3) Adapter cable - S25TX, S25T + Attached LCD Model

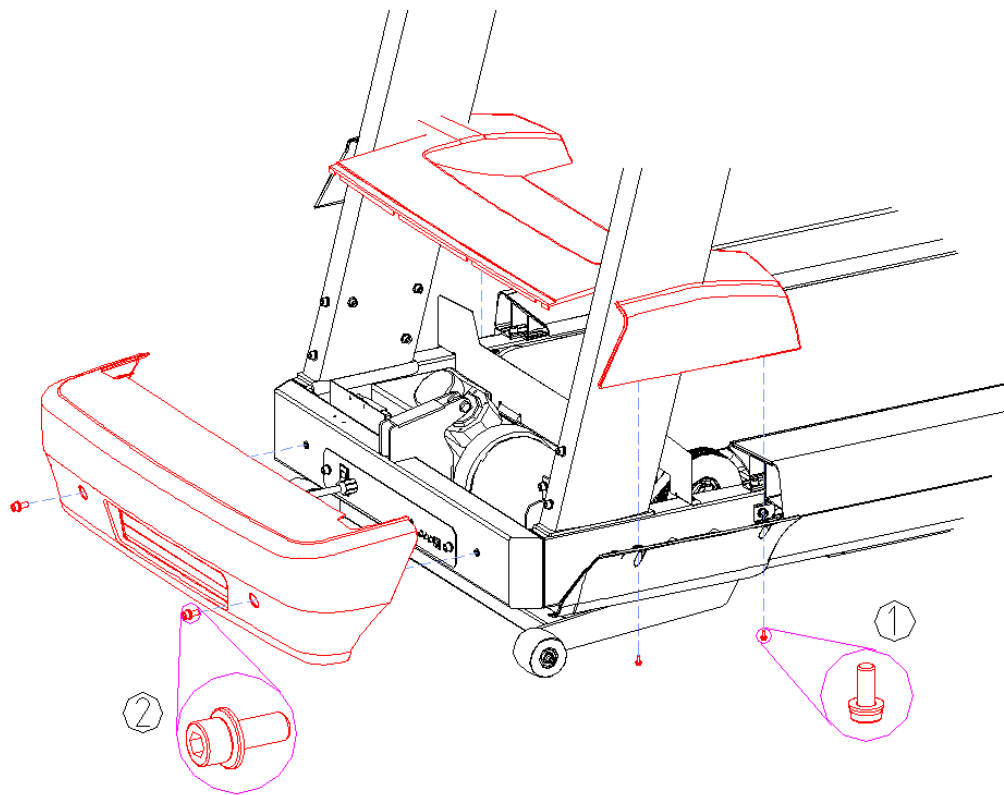
4) HDMI cable (Option) - S25TX, S25T + Attached LCD Model

5) CSAFE cable (Option) - S25TX, S25T + Attached LCD Model

② Slide the DISPLAY SUPPORT R down over the DISPLAY UPPOINT R BRK and Fasten 5 bolts(M8×20mm) with 6mm L-wrench.(2)

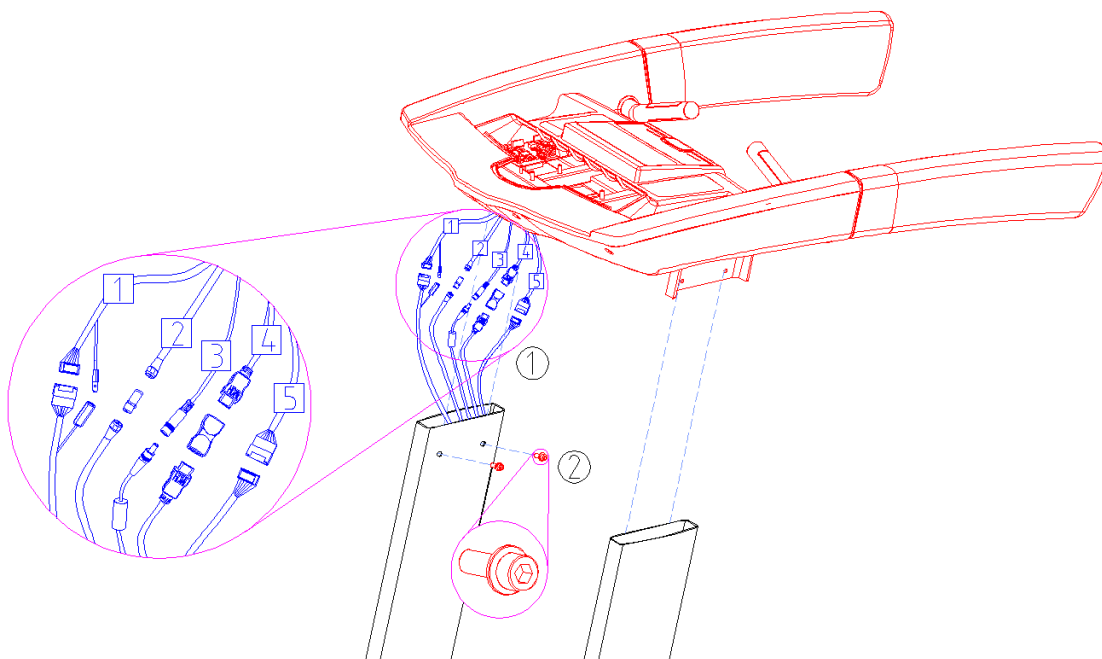
③ Slide the DISPLAY SUPPORT L down over the DISPLAY SUPPORT L BRK and Fasten 5 bolts(M8×20mm) with 6mm L-wrench.(2)

4. Secure the FRONT COVER and TOP MOTOR COVER



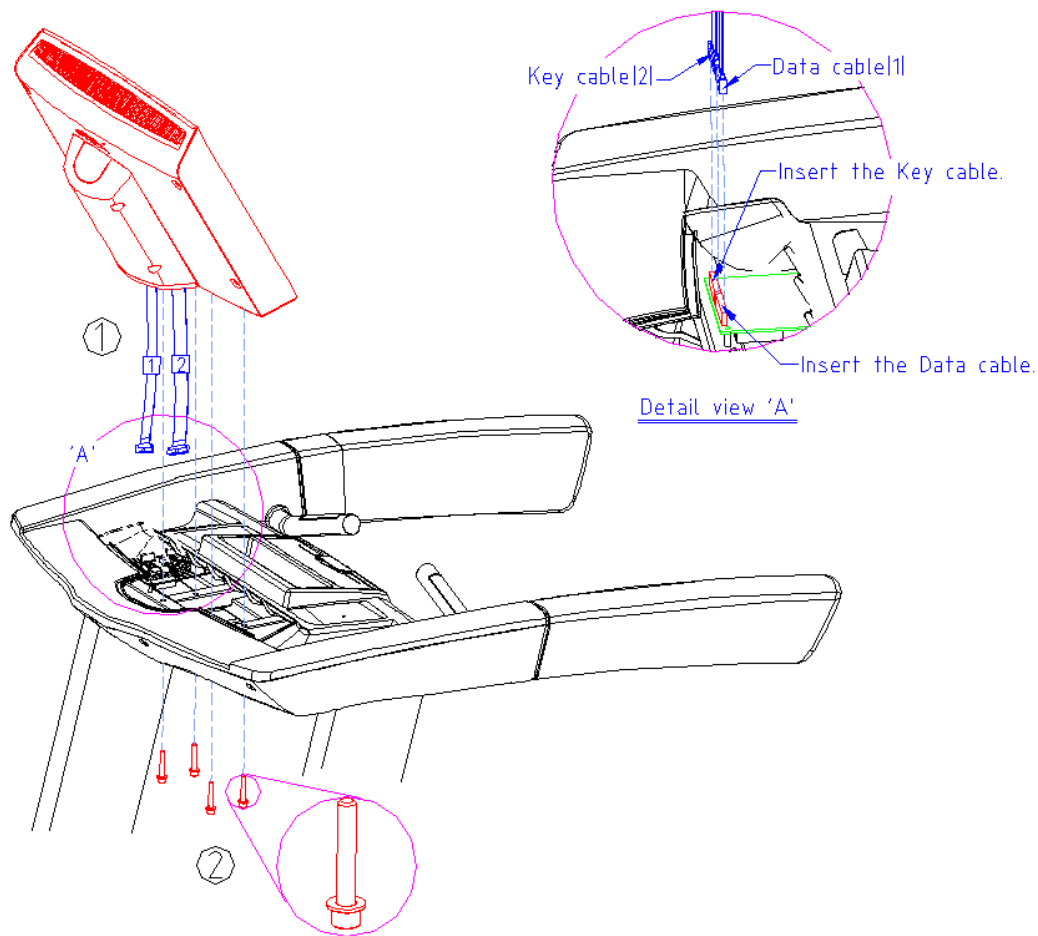
- ① Position the TOP MOTOR COVER as shown.
- ② Assemble the TOP MOTOR COVER with MASTER MAIN FRAME. Fasten the 4 bolts(M5×12mm) to four holes of the TOP MOTOR COVER with Screw driver.(1)
- ③ Position the FRONT COVER as shown.
- ④ Assemble the FRONT COVER with MASTER MAIN FRAME. Fasten the 2 bolts(M8×20mm) to four holes of the FRONT COVER with 6mm L-wrench.(2)

5. Secure the DISPLAY CONSOLE ASSEMBLY



- ① Connect the cables between the DISPLAY CONSOLE ASSEMBLY and DISPLAY SUPPORT as shown.(1)
 - 1) Main cable - S25TX, S25T + Attached LCD Model
 - Connect the Main cable(+) and Main cable(-).
 - 2) RF cable - S25TX, S25T + Attached LCD Model
 - Connect the RF cables(+) with Gender.
 - 3) Adapter cable - S25TX, S25T + Attached LCD Model
 - Connect the Adapter cable(+) and Adapter cable(-).
 - 4) HDMI cable (Option) - S25TX, S25T + Attached LCD Model
 - Connect the HDMI cables(+) with Gender.
 - 5) CSAFE cable (Option) - S25TX, S25T + Attached LCD Model
 - Connect the CSAFE cable(+) and CSAFE cable(-).
- ② Slide the DISPLAY CONSOLE ASSEMBLY on the DISPLAY SUPPORT and Fasten 4 bolts(M8×20mm) with 6mm L-wrench.(2)

6. Secure the DISPLAY TOP ASSEMBLY - S25T



① Connect the cables between the DISPLAY CONSOLE ASSEMBLY and DISPLAY TOP ASSEMBLY as shown.(1)

1) Data cable - S25T, S25T + Attached LCD Model

- Connect the Data cable with the INTERFACE BOARD of the DISPLAY CONSOLE ASSEMBLY.

2) Key cable – S25T, S25TX, S25T + Attached LCD Model

- Connect the Key cable with the INTERFACE BOARD of the DISPLAY CONSOLE ASSEMBLY.

② Stand the DISPLAY TOP ASSEMBLY.

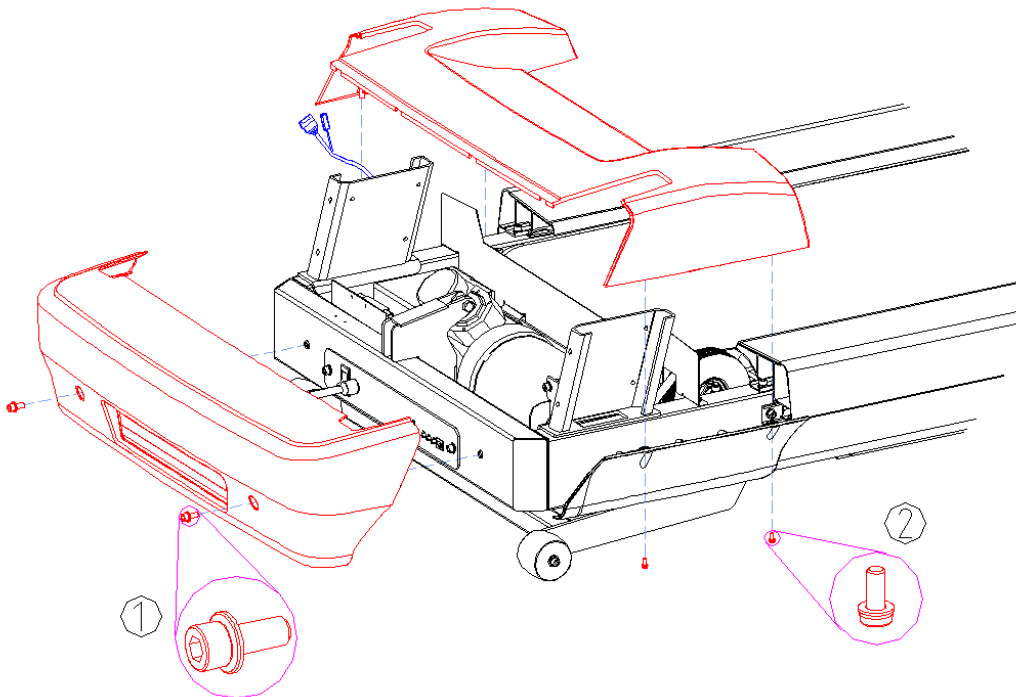
Fasten 4 bolts(M8×50mm) with 6mm L-wrench.(2)

Assembly procedures

➔ S25TX, S25TX+touch

1. Check the contents//Accompanying parts, required tools, & others...

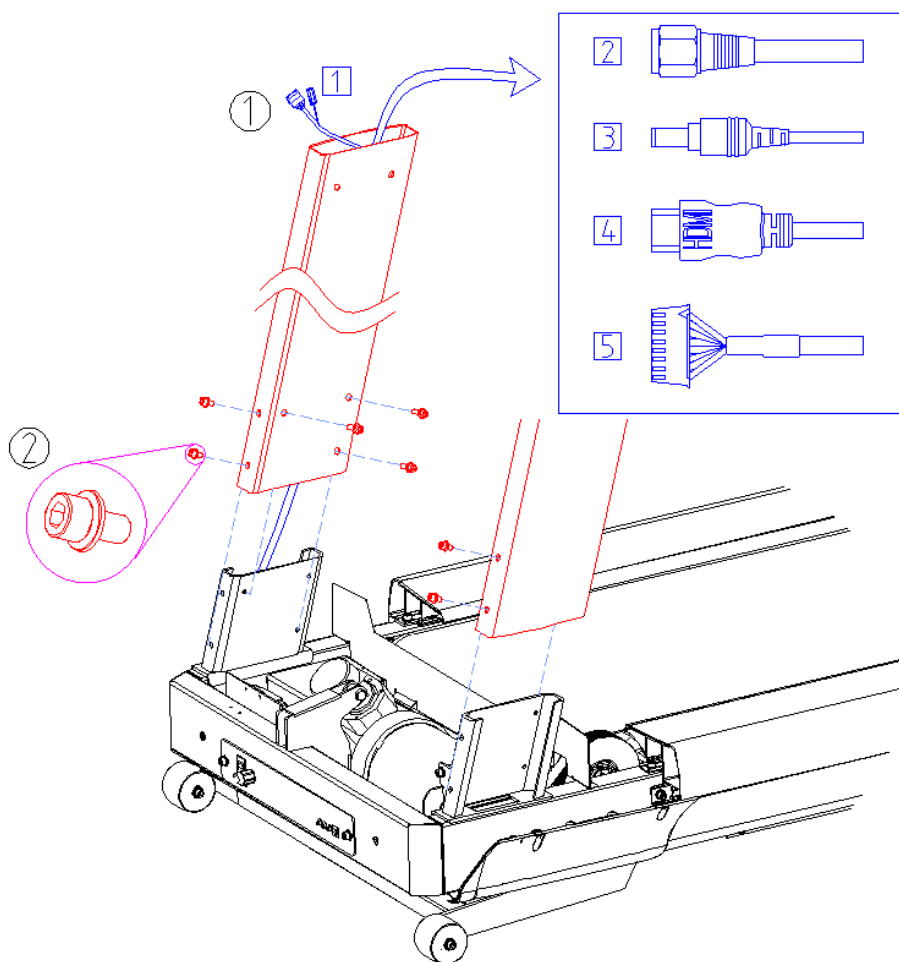
2. Disjoint the FRONT COVER and TOP MOTOR COVER



① Unfasten the 2 bolts(M8×20mm) from the FRONT COVER with 6mm L-wrench.(1)

② Unfasten the 4 bolts(M5×12mm) from the TOP MOTOR COVER with Screw driver.(2)

3. Secure the DISPLAY SUPPORT



① Unwrap the cables. Lead the cables through the DISPLAY SUPPORT R and Pull out the cables to the DISPLAY SUPPORT R end.(1)

1) Main cable - S25T, S25TX, S25T + Attached LCD Model

2) RF cable - S25TX, S25T + Attached LCD Model

3) Adapter cable - S25TX, S25T + Attached LCD Model

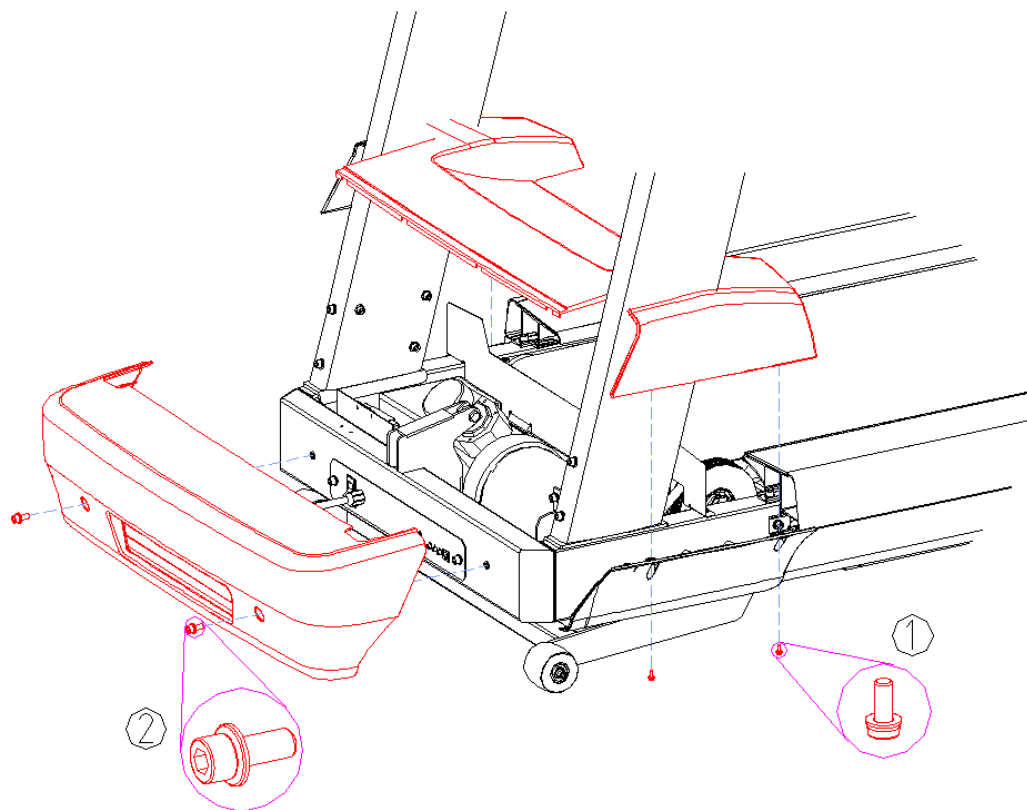
4) HDMI cable (Option) - S25TX, S25T + Attached LCD Model

5) CSAFE cable (Option) - S25TX, S25T + Attached LCD Model

② Slide the DISPLAY SUPPORT R down over the DISPLAY SUPPORT R BRK and Fasten 5 bolts(M8×20mm) with 6mm L-wrench.(2)

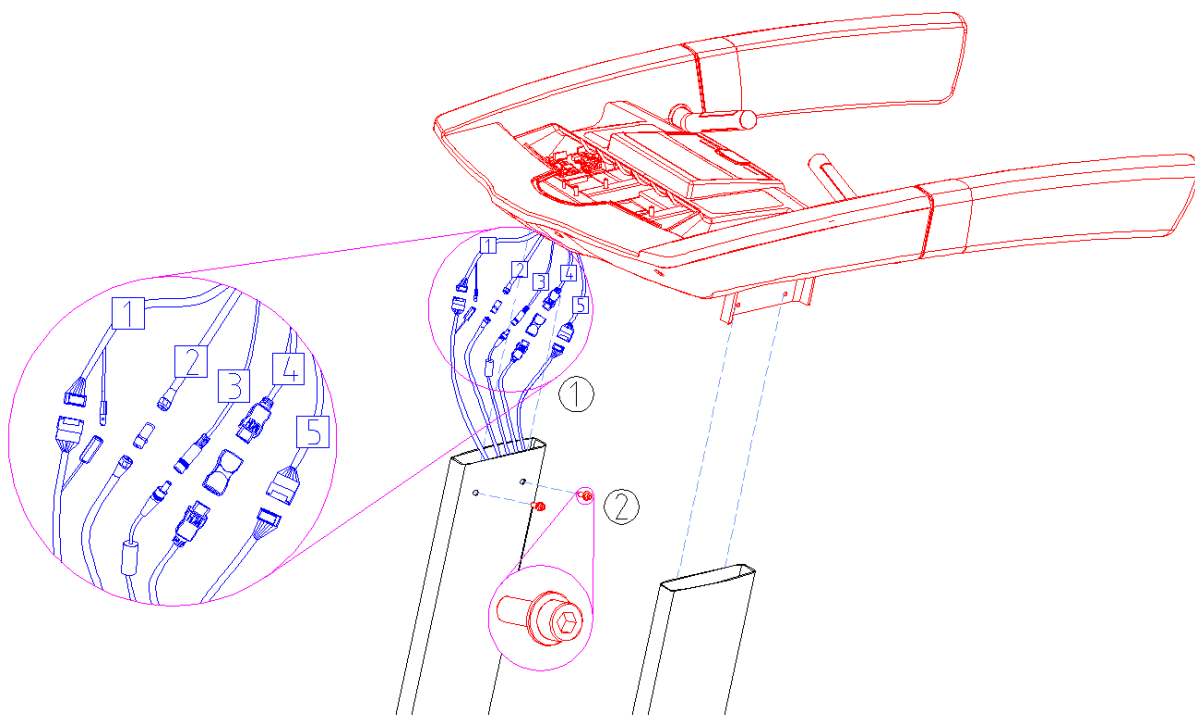
③ Slide the DISPLAY SUPPORT L down over the DISPLAY SUPPORT L BRK and Fasten 5 bolts(M8×20mm) with 6mm L-wrench.(2)

4. Secure the FRONT COVER and TOP MOTOR COVER



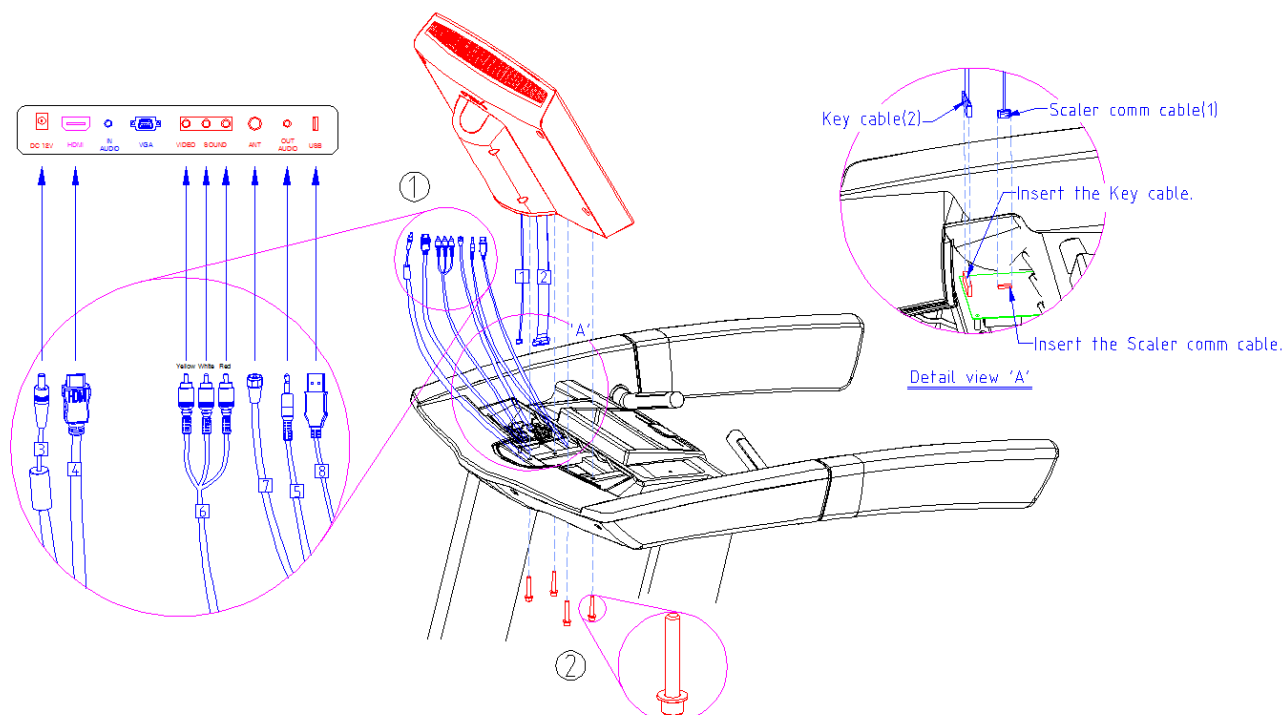
- ① Position the TOP MOTOR COVER as shown.
- ② Assemble the TOP MOTOR COVER with MASTER MAIN FRAME. Fasten the 4 bolts(M5×12mm) to four holes of the TOP MOTOR COVER with Screw driver.(1)
- ③ Position the FRONT COVER as shown.
- ④ Assemble the FRONT COVER with MASTER MAIN FRAME. Fasten the 2 bolts(M8×20mm) to four holes of the FRONT COVER with 6mm L-wrench.(2)

5. Secure the DISPLAY CONSOLE ASSEMBLY



- ① Connect the cables between the DISPLAY CONSOLE ASSEMBLY and DISPLAY SUPPORT as shown.(1)
 - 1) Main cable - S25T, S25TX, S25T + Attached LCD Model
 - Connect the Main cable(+) and Main cable(-).
 - 2) RF cable - S25TX, S25T + Attached LCD Model
 - Connect the RF cables(+) with Gender.
 - 3) Adapter cable - S25TX, S25T + Attached LCD Model
 - Connect the Adapter cable(+) and Adapter cable(-).
 - 4) HDMI cable (Option) - S25TX, S25T + Attached LCD Model
 - Connect the HDMI cables(+) with Gender.
 - 5) CSAFE cable (Option) - S25TX, S25T + Attached LCD Model
 - Connect the CSAFE cable(+) and CSAFE cable(-).
- ② Slide the DISPLAY CONSOLE ASSEMBLY on the DISPLAY SUPPORT and Fasten 4 bolts(M8×20mm) with 6mm L-wrench.(2)

6. Secure the DISPLAY TOP ASSEMBLY - S25TX, S25TX+touch



Connect the cables between the DISPLAY CONSOLE ASSEMBLY and DISPLAY TOP ASSEMBLY as shown.(1)

1) Scaler comm cable - S25TX

- Connect the Scaler comm cable with the INTERFACE BOARD of the DISPLAY CONSOLE ASSEMBLY.

2) Key cable - S25T, S25TX, S25T + Attached LCD Model

- Connect the Key cable with the INTERFACE BOARD of the DISPLAY CONSOLE ASSEMBLY.

3) Adapter cable - S25TX, S25T + Attached LCD Model

- Connect the Adapter cable as shown.

4) HDMI cable(Optional) - S25TX, S25T + Attached LCD Model

- Connect the HDMI cable as shown.

5) Earphone cable - S25TX, S25T + Attached LCD Model

- Connect the Earphone cable as shown.

6) I POD OUTPUT cable - S25TX, S25T + Attached LCD Model

- Connect the I POD OUTPUT cable as shown.

7) RF cable - S25TX, S25T + Attached LCD Model

- Connect the RF cable with as shown.

8) USB cable - S25TX, S25T + Attached LCD Model

- Connect the USB cable as shown.

② Stand the DISPLAY TOP ASSEMBLY.

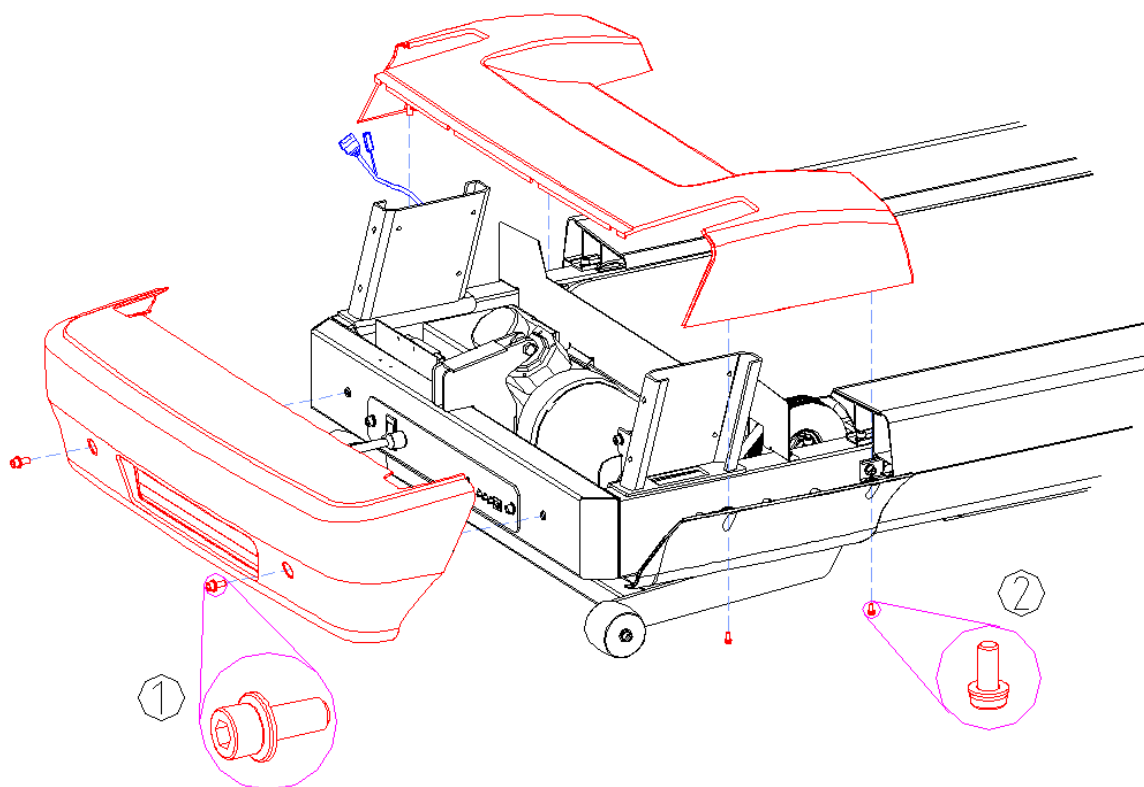
Fasten 4 bolts(M8×50mm) with 6mm L-wrench.(2)

Assembly procedures

➡ S25T + Attached LCD Model

1. Check the contents//Accompanying parts, required tools, & others...

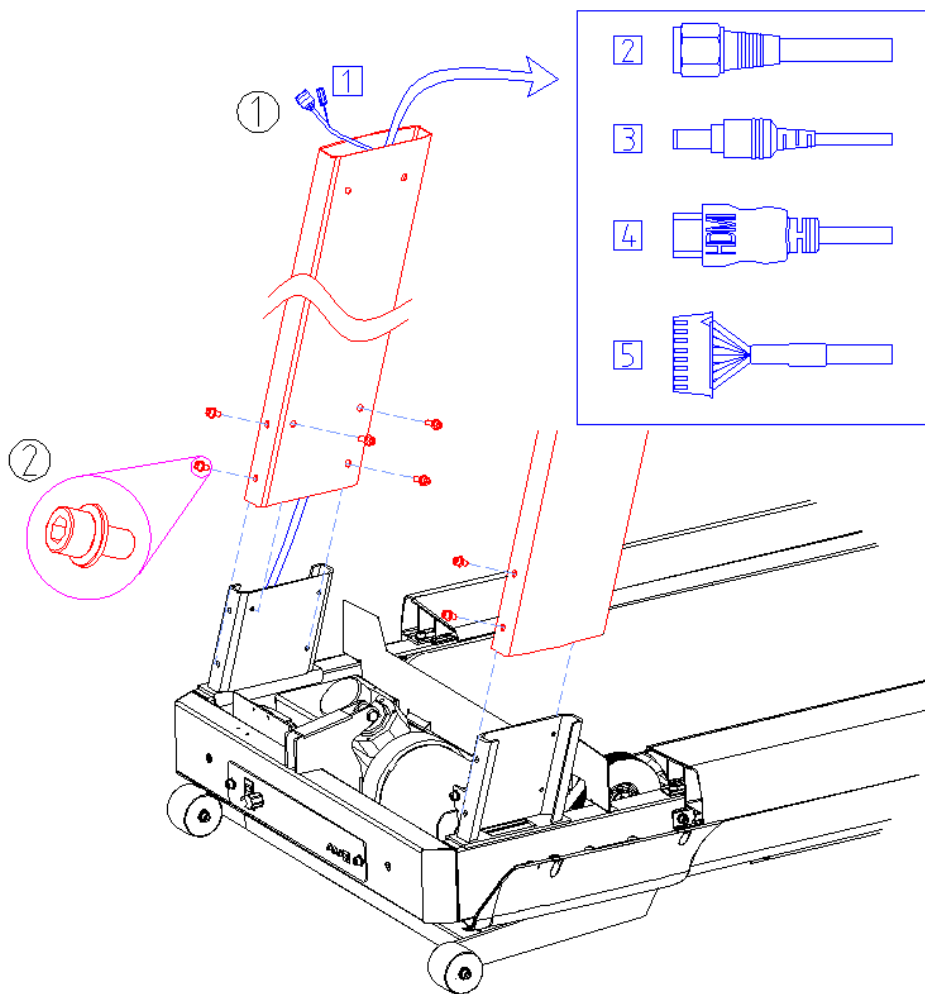
2. Disjoint the FRONT COVER and TOP MOTOR COVER



① Unfasten the 2 bolts(M8×20mm) from the FRONT COVER with 6mm L-wrench.(1)

② Unfasten the 4 bolts(M5×12mm) from the TOP MOTOR COVER with Screw driver.(2)

3. Secure the DISPLAY SUPPORT



① Unwrap the cables. Lead the cables through the DISPLAY SUPPORT R and Pull out the cables to the DISPLAY SUPPORT R end.(1)

1) Main cable - S25T, S25TX, S25T + Attached LCD Model

2) RF cable - S25TX, S25T + Attached LCD Model

3) Adapter cable - S25TX, S25T + Attached LCD Model

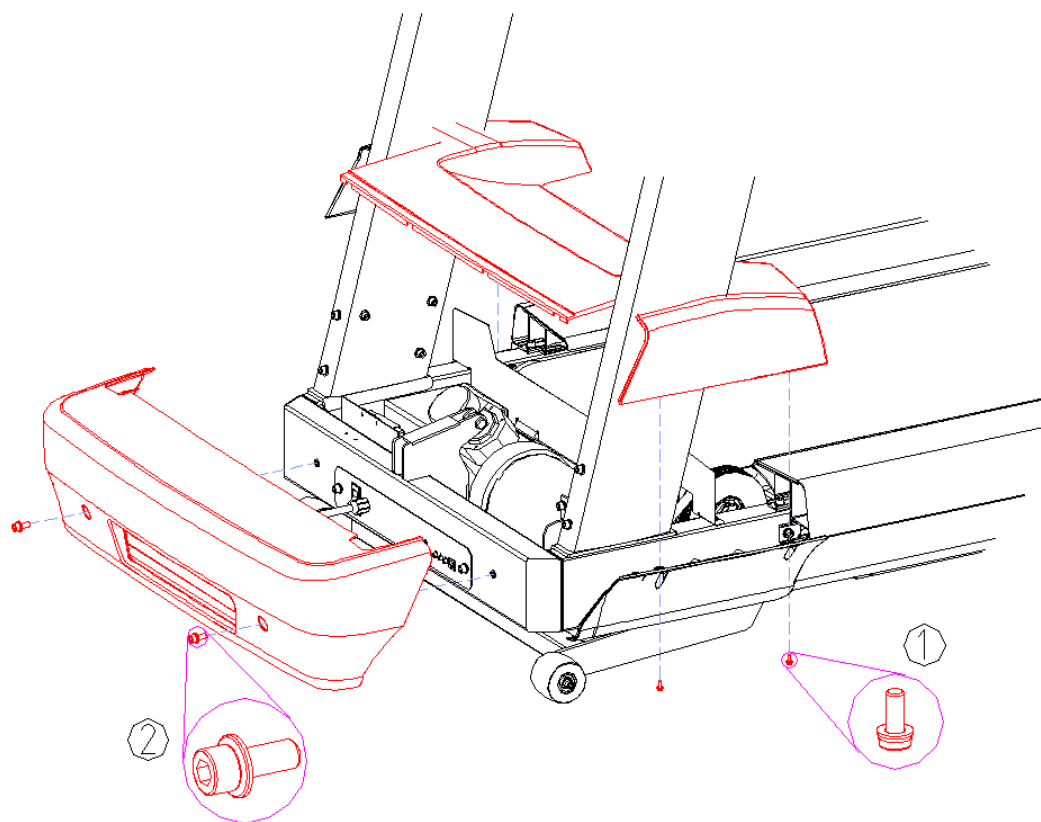
4) HDMI cable (Option) - S25TX, S25T + Attached LCD Model

5) CSAFE cable (Option) - S25TX, S25T + Attached LCD Model

② Slide the DISPLAY SUPPORT R down over the DISPLAY SUPPORT R BRK and Fasten 5 bolts(M8×20mm) with 6mm L-wrench.(2)

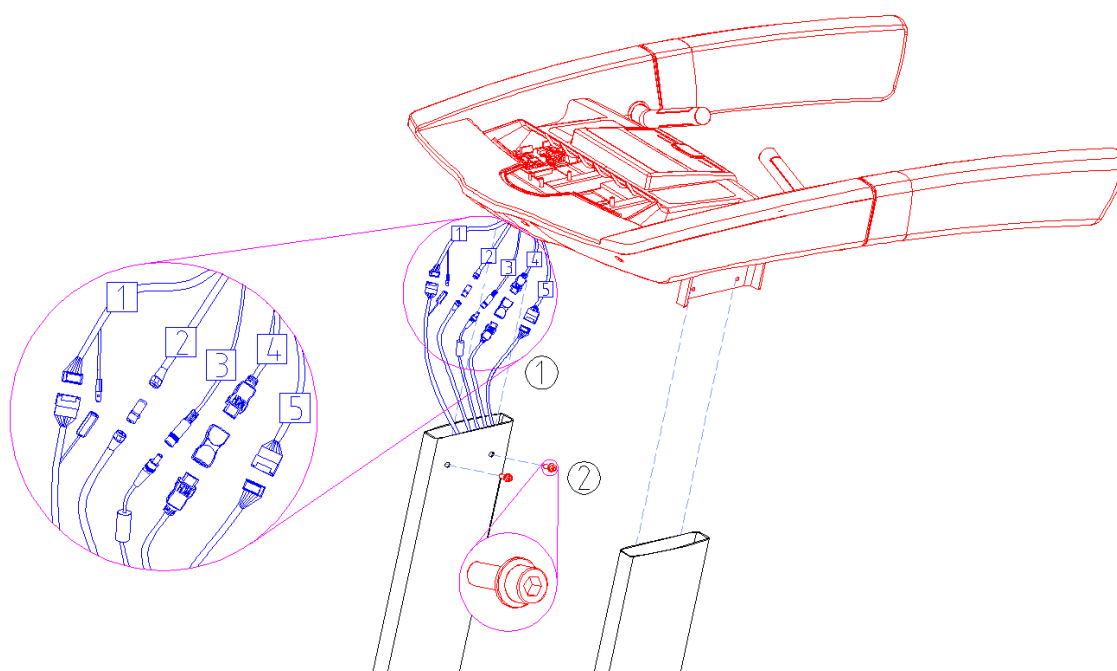
③ Slide the DISPLAY SUPPORT L down over the DISPLAY SUPPORT L BRK and Fasten 5 bolts(M8×20mm) with 6mm L-wrench.(2)

4. Secure the FRONT COVER and TOP MOTOR COVER



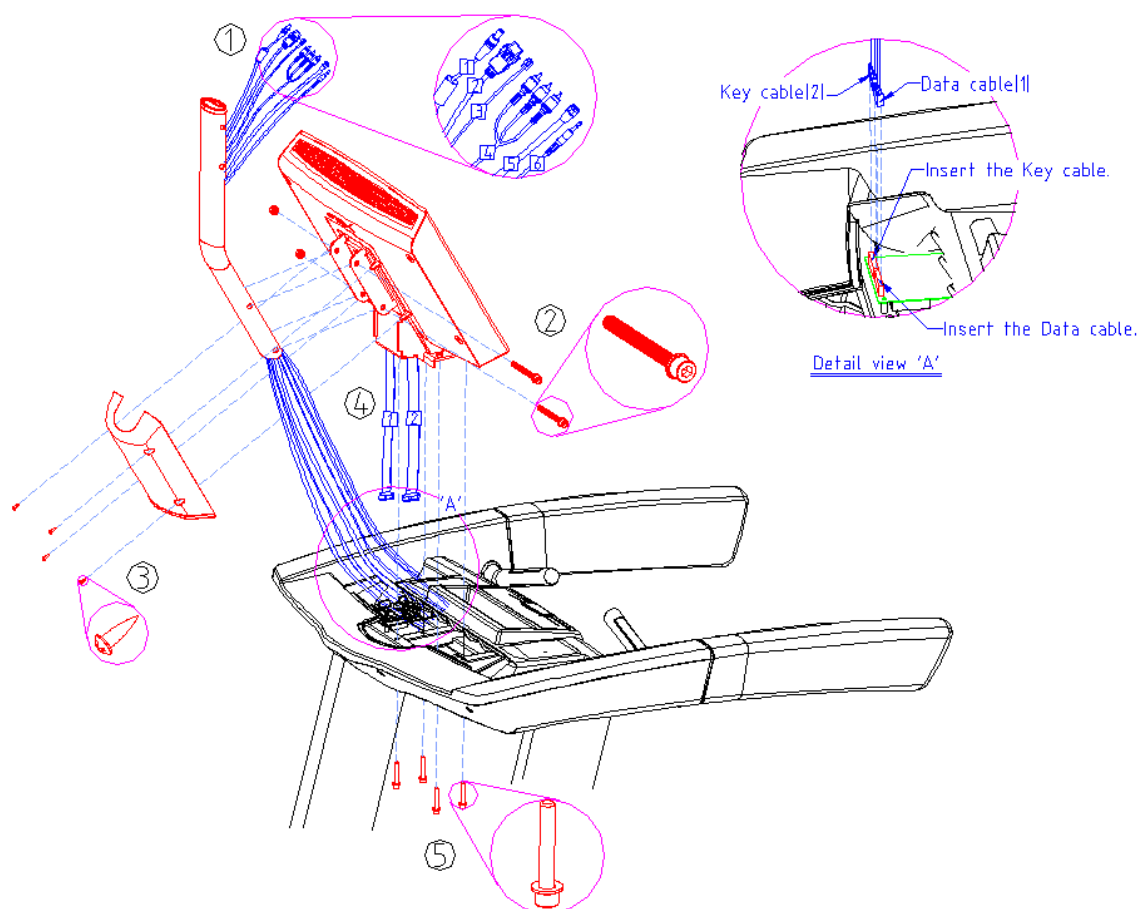
- ① Position the TOP MOTOR COVER as shown.
- ② Assemble the TOP MOTOR COVER with MASTER MAIN FRAME. Fasten the 4 bolts(M5×12mm) to four holes of the TOP MOTOR COVER with Screw driver.(1)
- ③ Position the FRONT COVER as shown.
- ④ Assemble the FRONT COVER with MASTER MAIN FRAME. Fasten the 2 bolts(M8×20mm) to four holes of the FRONT COVER with 6mm L-wrench.(2)

5. Secure the DISPLAY CONSOLE ASSEMBLY



- ① Connect the cables between the DISPLAY CONSOLE ASSEMBLY and DISPLAY SUPPORT as shown.(1)
- 1) Main cable - S25TX, S25T + Attached LCD Model
 - Connect the Main cable(+) and Main cable(-).
 - 2) RF cable - S25TX, S25T + Attached LCD Model
 - Connect the RF cables(+) with Gender.
 - 3) Adapter cable - S25TX, S25T + Attached LCD Model
 - Connect the Adapter cable(+) and Adapter cable(-).
 - 4) HDMI cable (Option) - S25TX, S25T + Attached LCD Model
 - Connect the HDMI cables(+) with Gender.
 - 5) CSAFE cable (Option) - S25TX, S25T + Attached LCD Model
 - Connect the CSAFE cable(+) and CSAFE cable(-).
- ② Slide the DISPLAY CONSOLE ASSEMBLY on the DISPLAY SUPPORT and Fasten 4 bolts(M8×20mm) with 6mm L-wrench.(2)

6. Secure the DISPLAY TOP ASSEMBLY - S25T + Attached LCD Model



① Pull out the cables from hole of ATTACH PIPE.

Assemble the ATTACH PIPE same as shown.(1)

② Assemble the ATTACH PIPE with the DISPLAY TOP ASSEMBLY, Fasten the 2 bolts(M10×100mm) and 2 nuts(M10) to two holes of the DISPLAY TOP ASSEMBLY with 8mm L-wrench and 17" Spanner.(2)

③ Assemble the BACK COVER to the DISPLAY TOP ASSEMBLY, Fasten the 4 bolts(Φ5×16) to four holes of the BACK COVER with Screw driver.(3)

④ Connect the cables between the DISPLAY CONSOLE ASSEMBLY and DISPLAY TOP ASSEMBLY.(4)

1) Data cable - S25T, S25T + Attached LCD Model

- Connect the Data cable with the INTERFACE BOARD of the DISPLAY CONSOLE ASSEMBLY.

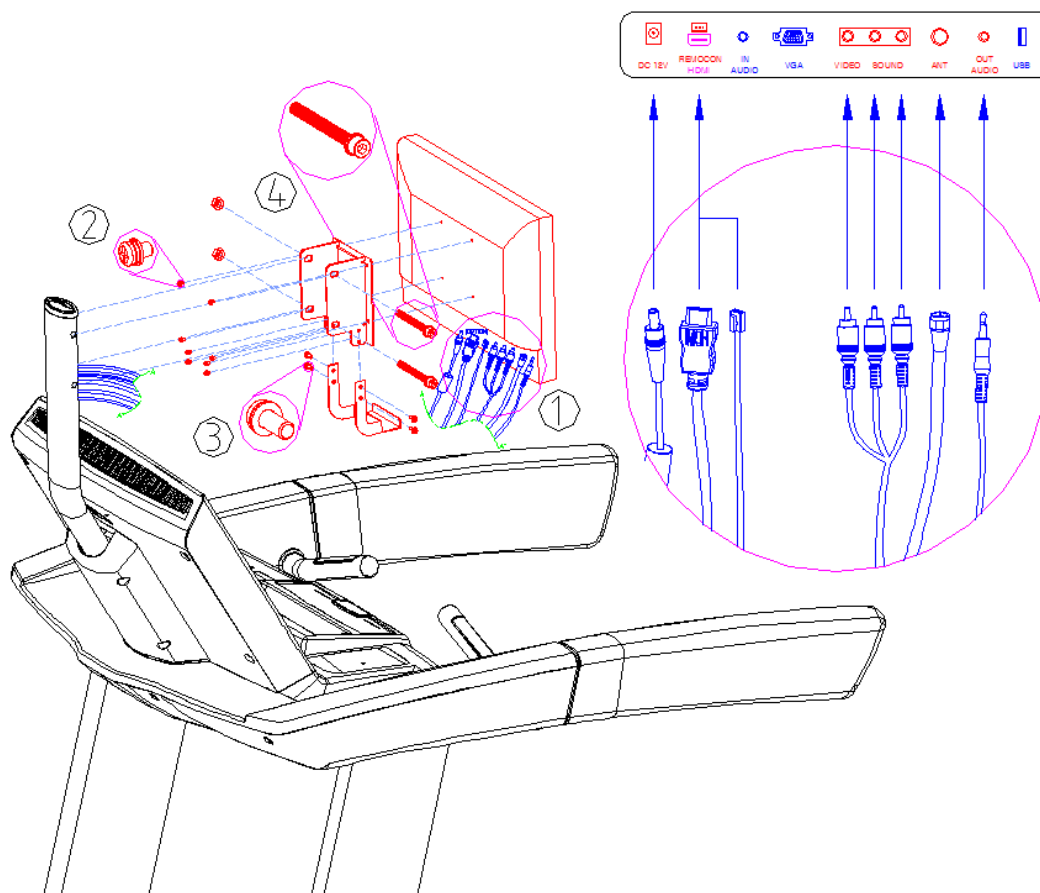
2) Key cable - S25T, S25TX, S25T + Attached LCD Model

- Connect the Key cable with the INTERFACE BOARD of the DISPLAY CONSOLE ASSEMBLY.

⑤ Stand the DISPLAY TOP ASSEMBLY.

Fasten 4 bolts(M8×50mm) with 6mm L-wrench.(5)

7. Secure the LCD MONITOR - S25T + Attached LCD Model



① Connect cables between the ATTACH PIPE and LCD MONITOR.(1)

- 1) Adapter cable - S25TX, S25T + Attached LCD Model
 - Connect the Adapter cable with the LCD MONITOR.
- 2) HDMI cable(Optional) - S25TX, S25T + Attached LCD Model
 - Connect the HDMI cable with the LCD MONITOR.
- 3) Remote control cable - S25T + Attached LCD Model
 - Connect the Remote control cable with the LCD MONITOR.
- 4) I POD OUTPUT cable - S25TX, S25T + Attached LCD Model
 - Connect the I POD OUTPUT cable with the LCD MONITOR.
- 5) RF cable - S25TX, S25T + Attached LCD Model
 - Connect the RF cable with the LCD MONITOR.
- 6) Earphone cable - S25TX, S25T + Attached LCD Model
 - Connect the Earphone cable with the LCD MONITOR.

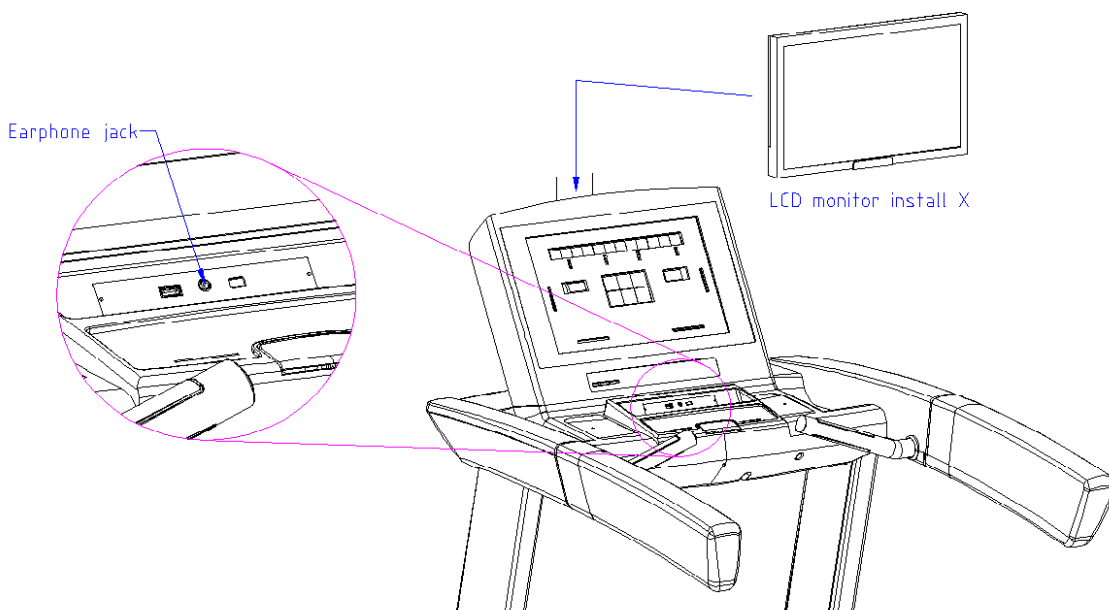
② Assemble the LCD MONITOR to the ATTACH LCD

MOUNT PLATE 01, Fasten the 8 bolts(M4×12mm) to eight holes of the ATTACH LCD MOUNT PLATE 01 with Screw driver.(2)

③ Assemble the LCD SUB MOUNT BRACKET to the ATTACH LCD MOUNT PLATE 01, Fasten the 4 bolts(M5×12mm) to four holes of the LCD MOUNT BRACKET with Screw driver.(3)

④ Assemble the ATTACH PIPE to the DISPLAY TOP ASSEMBLY, Fasten the 2 bolts(M10×100mm) and 2 nuts(M10) to two holes of the DISPLAY TOP ASSEMBLY with 8mm L-wrench and 17" Spanner.(4)

※ Note - S25T + Attached LCD model



In case of the Attached LCD model

- If the LCD monitor is not installed, the sound is not operated from the earphone jack same as shown.

Pre-operation check!

- ① Ensure that all screws are tight.
- ② Ensure that the treadmill is properly leveled and stable.
- ③ Ensure that the leveler nuts are tight.
- ④ Read the entire operation manual before using the treadmill.