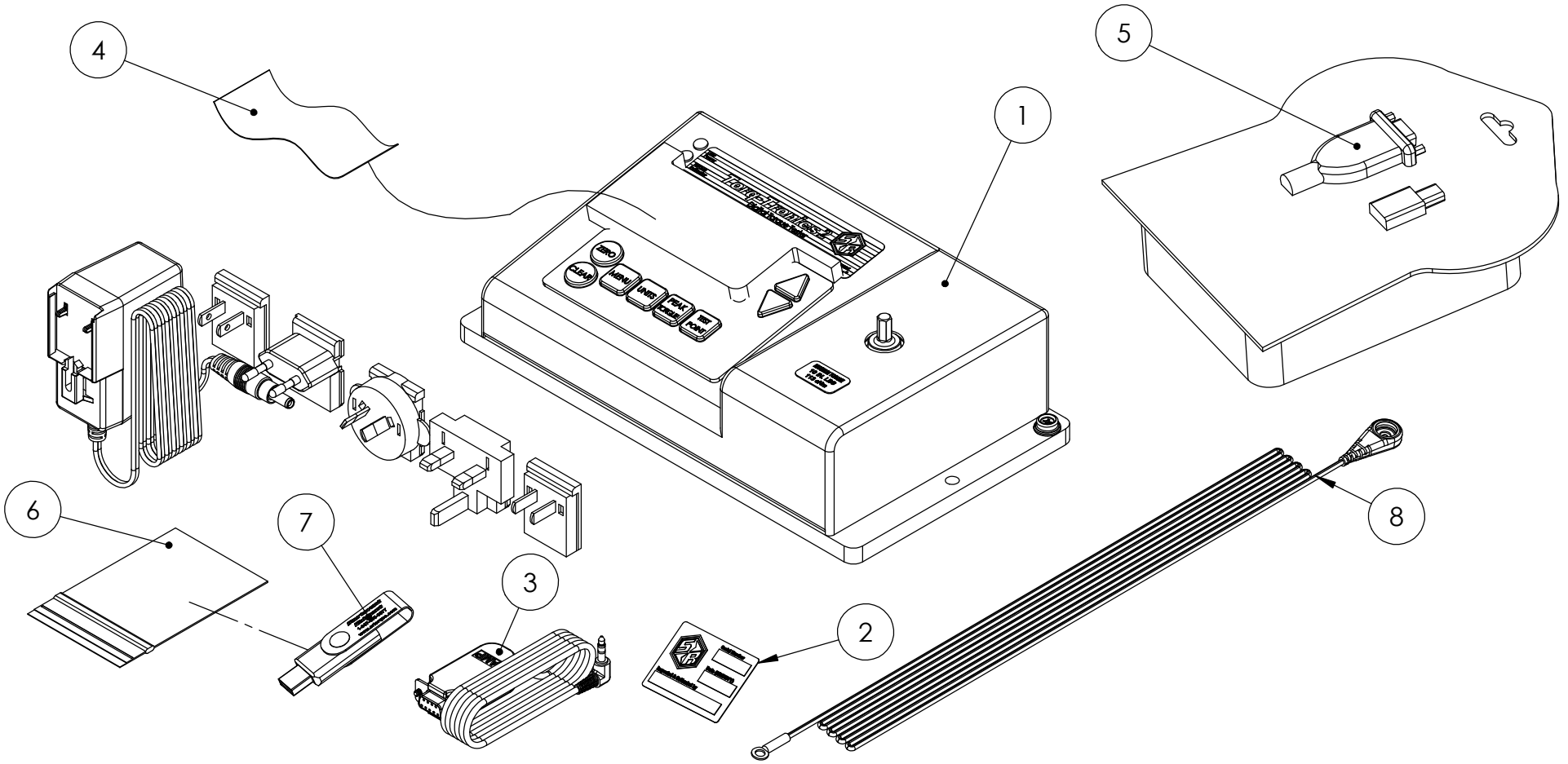
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	SHEET 2-5	TORQTRONICS 2, SUB ASSEMBLY, 10I	1
2	820030	LABEL, S/R INSPECTION & CALIBRATION	1
3	21175	DTW RS-232 CABLE, 6', UNMOLDED	1
4	868427	STATIC SHEET CUT TO SIZE 1-1/2" x 3-1/2"	1
5	10456	USB-RS232 CONVERTER	1
6	820095	PLASTIC BAG, 2-1/2 x 4	1
7	857295	MEMORY STICK, 4 GB	1
8	21667	GROUND CORD, 10mm FEMALE SNAP, NO RESISTOR, 10 FT LONG	1

ITEM #	PART #	DESCRIPTION	QTY
10.	21507	CARRYING CASE with FOAM, INLBS	1
13	863049	SR LOGO LABEL 1 3/4" x 4 3/4"	1
15	857292	MANUAL, INSTRUCTIONS	1

PART NO. 10691-C



STURTEVANT RICHMONT®
TORQUE MEASUREMENT SYSTEMS
DIVISION OF RYESON CORPORATION

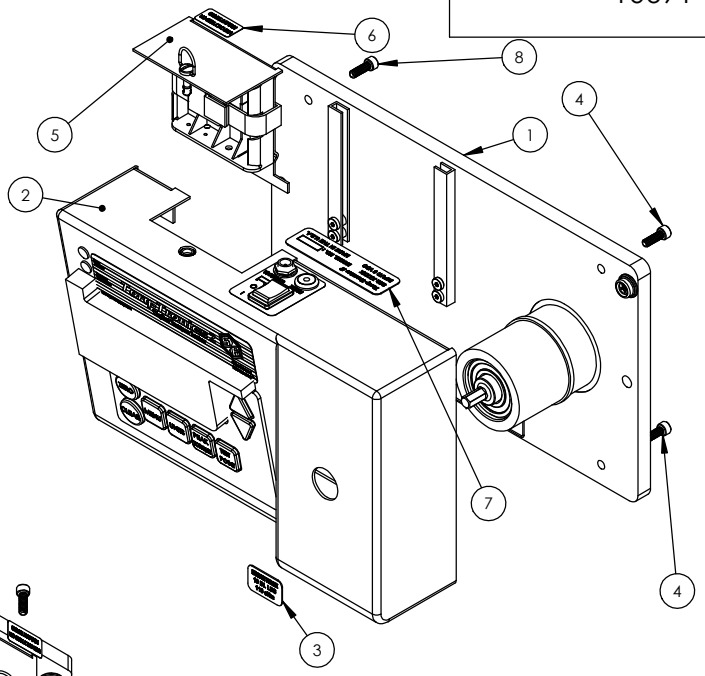
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DESCRIPTION	DIAGRAM No	REV.
TORQTRONICS 2, 10I SHEET 1 OF 5	10691-C	C

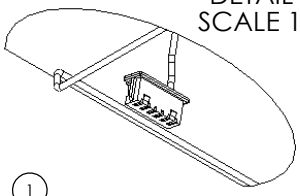
PART NO. 10691-C

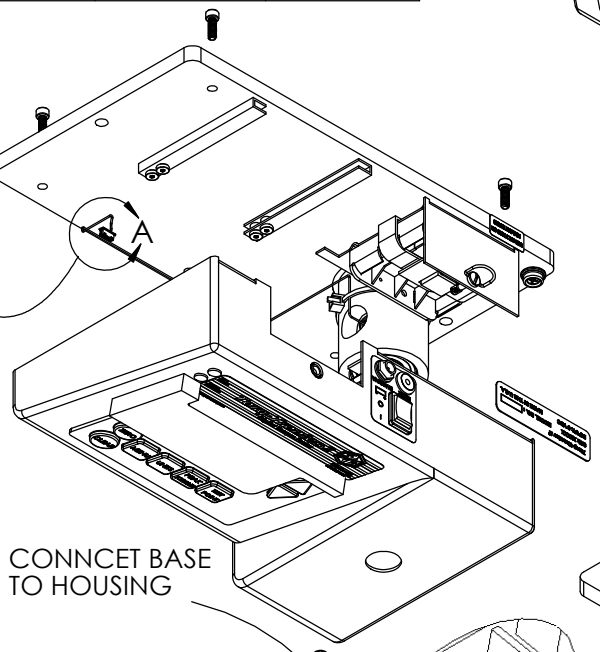
ITEM NO.	PART NUMBER	MULIT-PAK	DESCRIPTION	TORQUE SETTING FOR FASTENER	QTY.
1	SHEET 3		TORQ-TRONICS 2, BASE, SUB ASSY, 10I		1
2	SHEET 4 & 5		TORQ-TRONICS 2, INLBs HOUSING SUB-ASSEMBLY		1
3	21126	816133	CAPACITY LABEL, 10 INLBs		(1)-11 DIFFERENT LABELS)
4	890165	816138	SCREW, SOCKET CAP HEAD, 8-32 x 1/2", BLACK	18-20INLBs	(4)-10*
5	811205		BATTERY COMPARTMENT SUB ASSEMBLY		1
6	820183		LABEL USE ONLY NiCD or NiMh BATTERIES		1
7	21124		TAG, MODEL & SERIAL NO.s TORQTRONICS		1
8	890167	816137	SCREW, 8-32 x 1/2 SOC CAP HEAD S.S.	18-20INLBs	(1)-10*
9	21742		POWER SUPPLY PLUG ADAPTER w/LOCKNUT		1

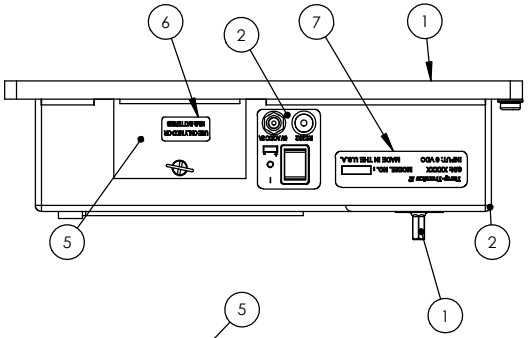
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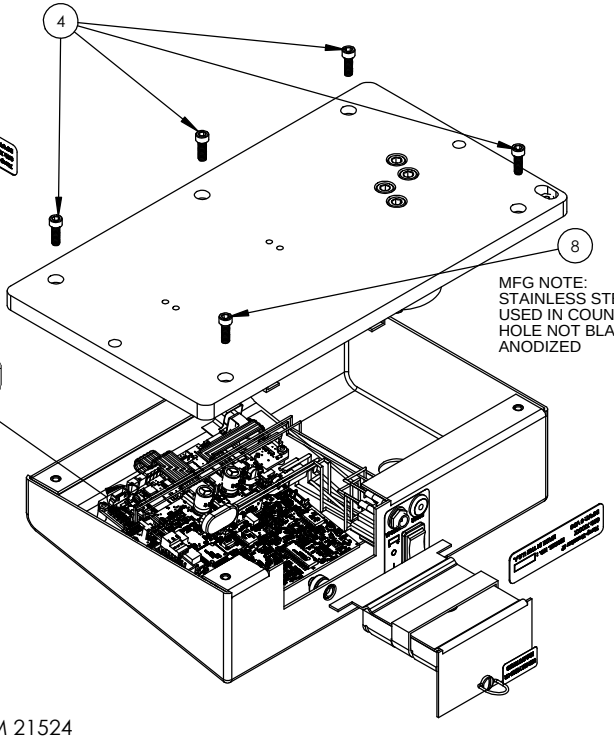
DETAIL A
SCALE 1 : 1



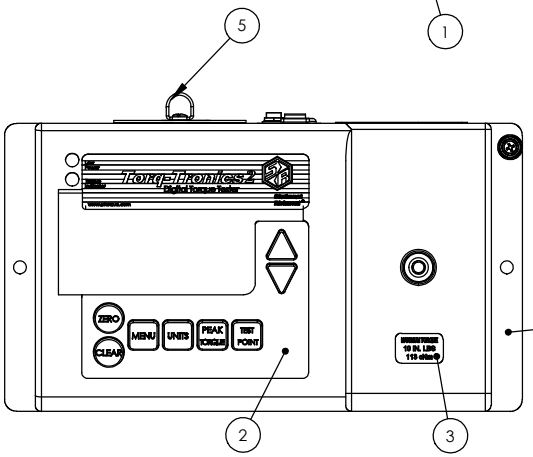




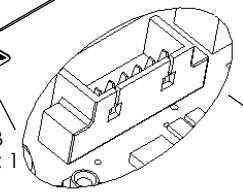
CONNCET BASE
TO HOUSING

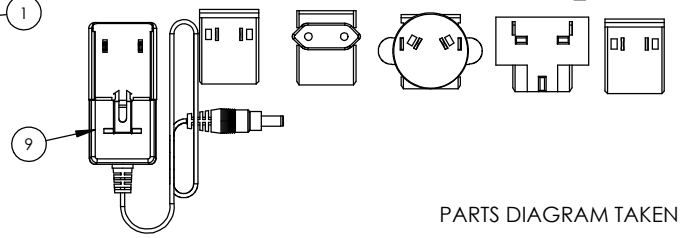


MFG NOTE:
STAINLESS STEEL SCREW
USED IN COUNTERBORE
HOLE NOT BLACK
ANODIZED



DETAIL B
SCALE 2 : 1





PARTS DIAGRAM TAKEN FROM 21524

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DESCRIPTION
TORQTRONICS 2, 10I SHEET 2 OF 5

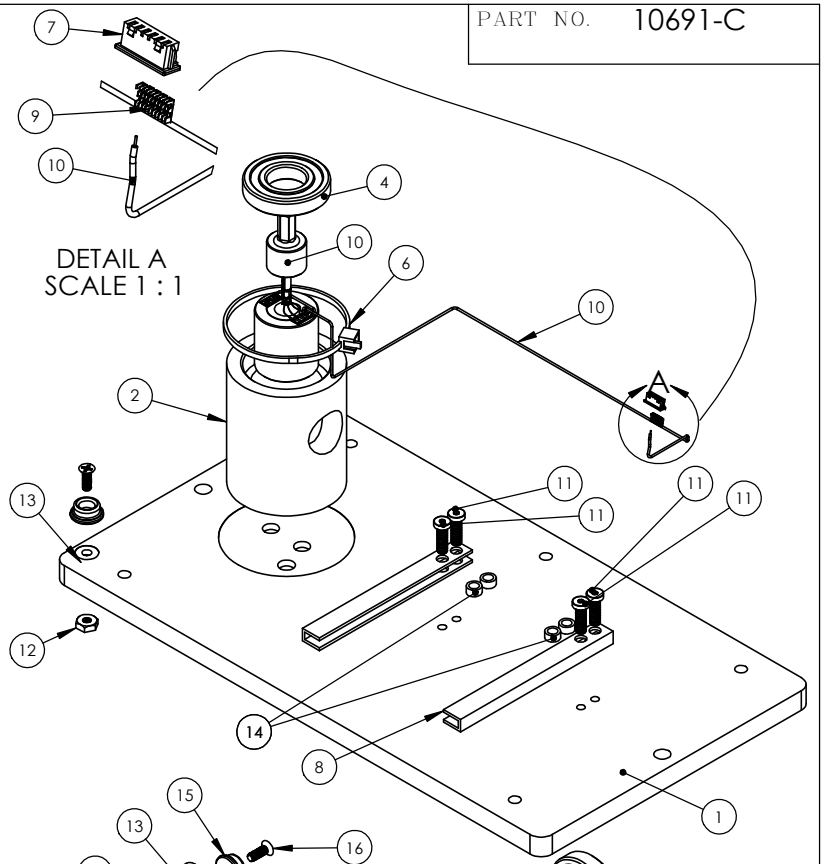
DIAGRAM No
10691-C

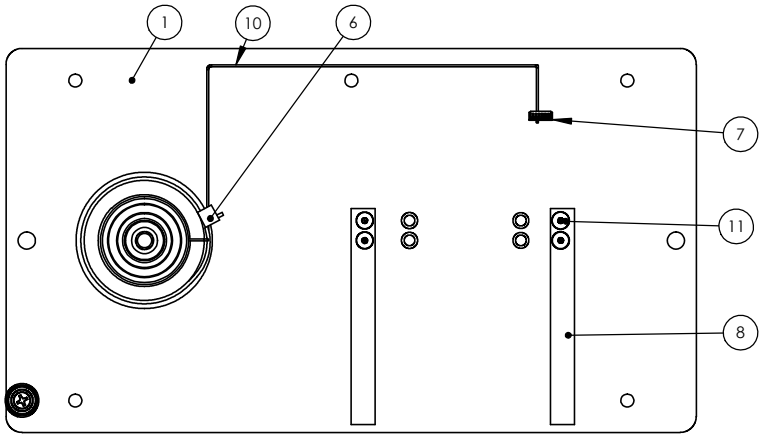
REV.
C

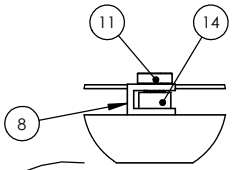
ITEM NO.	PART NUMBER	MULTI-PAK	DESCRIPTION	QTY.	TORQUE SETTINGS FOR FASTENERS
1	814701		BASE, INLBs, TORQ-TRONICS 2	1	
2	813837		TUBE, INLBS, MACHINED	1	
3	30172	816759	SCREW, HEX SOC HD CAP 1/4-28 x 1/2" LONG	(2)-10*	LOCTITE 222 & 120-144 INLBs (10-12 FTLBs)
4	891001		BEARING, 1.375" OD X .625" ID, TORQ-TRONICS	1	
5	890517	816139	SCREW, HEX SOC CAP, STAINLESS STEEL 1/4-28 x 1/2"	(2()-10*	LOCTITE 222 & 120-144 INLBs (10-12 FTLBS)
6	20653	816129	WIRE, TIE, 8" LONG	(1)-10*	
7	40403		6 PIN MOLEX HEADER	1	
8	814914		CHANNEL, BATTERY TRAY, TORQTRONICS 2	2	
9	40391		CRIMP CONNECT	5	
10	21476		TT SERIES, 10 INLB RESISTOR ASSEMBLY	1	
11	890168	816144	LOW HEAD HEX SOC CAP SCREW, 8-32 x 1/2, BLK OXIDE	(4)-10*	LOCTITE 222 & 20-24 INLBs
12	30457	816140	NUT, 6-32, MACHINE HEX SCREW, 18-8 S.S.,	(1)-10*	
13	30467	816141	6-32, INTERNAL TOOTH LOCK WASHER, 18-8 S.S.	(1)-10*	
14	30428	816119	SPACER, #8, 1/8 LONG, 1/4 OD, UNTHREADED	(4)-10*	
15	21666 (SNAP)		10 mm SNAP STUD	1	
16	21666 (LONG SCREW)		SCREW, 6-32, 3/8" LONG	1	

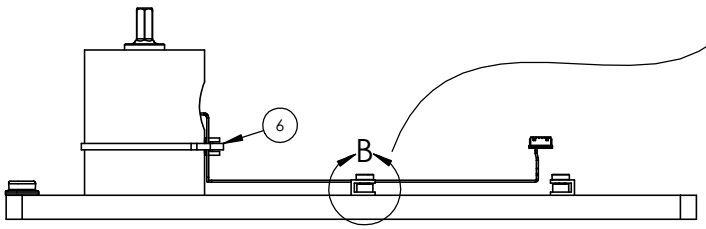
PART NO. 10691-C

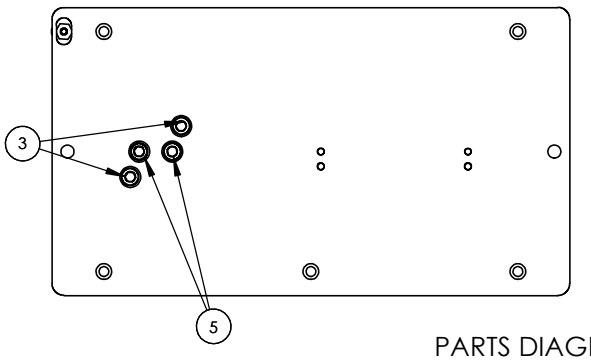
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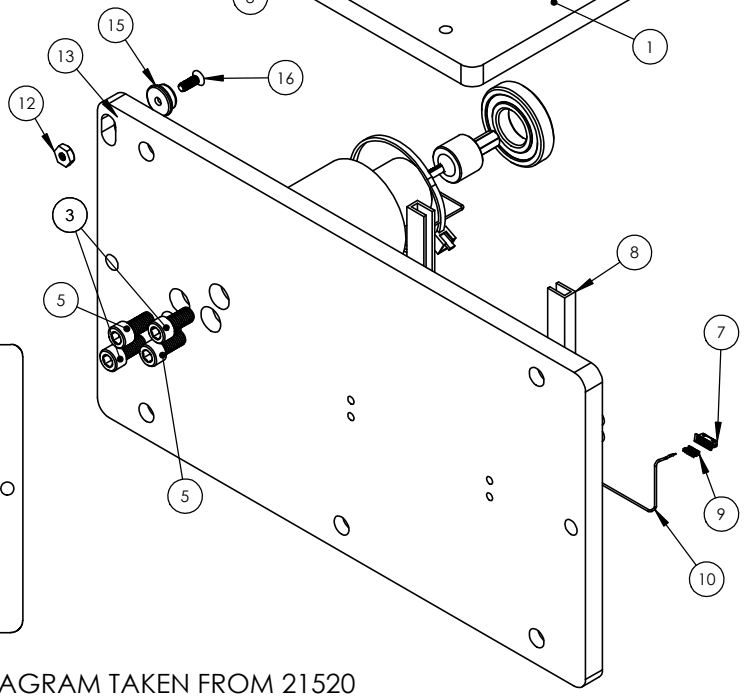












PARTS DIAGRAM TAKEN FROM 21520

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DESCRIPTION
TORQ-TRONICS 2, 10I SHEET 3 OF 5

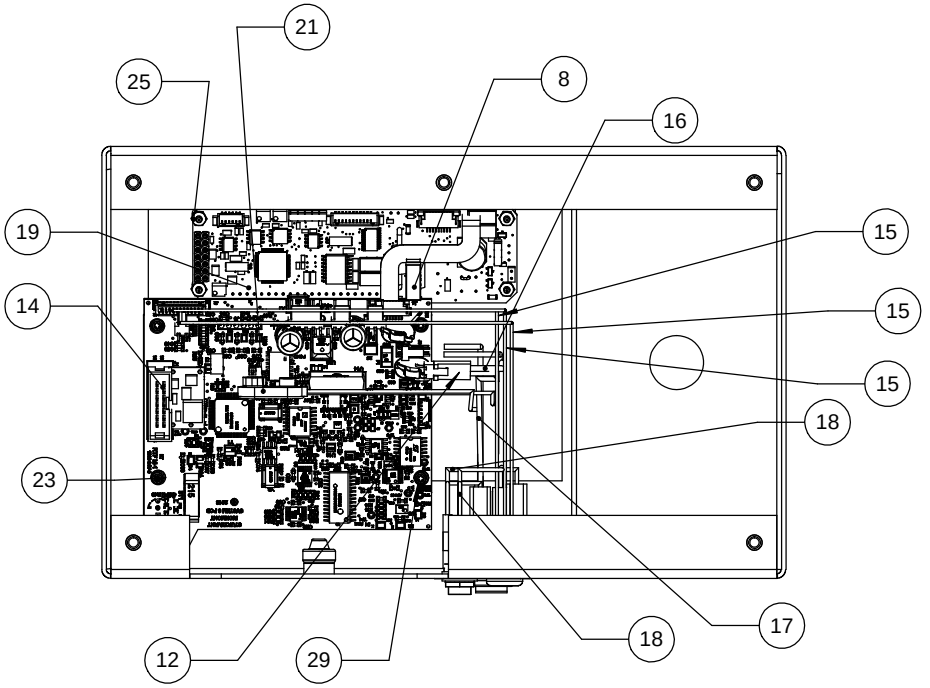
DIAGRAM No
10691-C

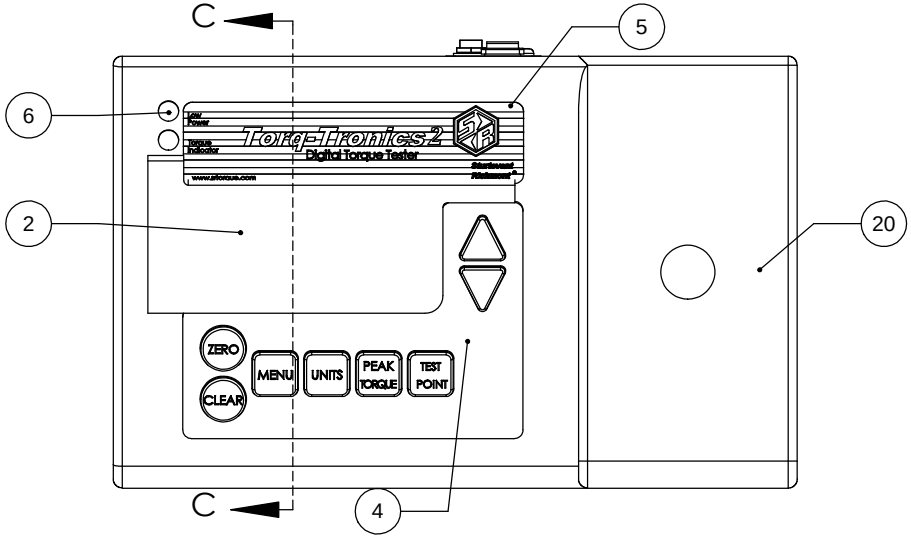
REV.
C

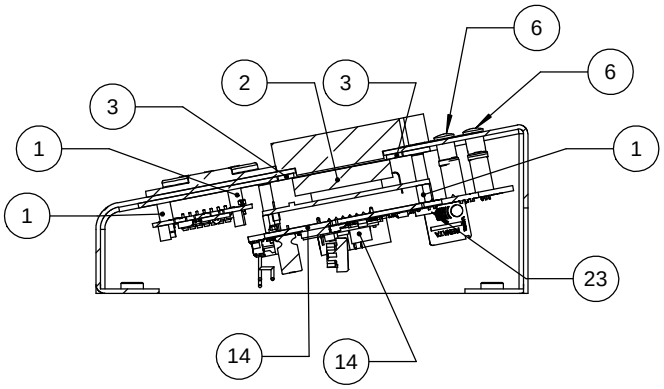
PART NO. 10691-C

ITEM NO.	PART NUMBER	MULTI-PAK	DESCRIPTION	Default/ QTY.	TORQUE SETTINGS
1	890034	816120	STANDOFF, 4-40 x 1/4" LONG, NYLON	(7)-10*	
2	21551		GRAPHIC VFD MODULE ASSEMBLY	1	
3	898018		GASKET, DISPLAY	1	
4	21496		KEYPAD TORQ-TRONICS 2	1	
5	820200		LABEL, S/R, TORQ-TRONICS 2	1	
6	21497		LED LENS CAP	2	
7	21456		LABEL, DESCRIPTION, TORQ-TRONICS 2	1	
8	40445		BATTERY LITHIUM RAM BACKUP	1	
9	21448		ROCKER SWITCH	1	
10	21514		QUICK DISCONNECT TERMINAL CRIMP FEMALE, 16-20 AWG, .187 x .032 TAB SIZE	4	
11	21518		CABLE	1	
12	40053		HOUSING, CST-100, 2-PIN	1	
13	40055		CONTACT PIN, CST-100, CRIMP	2	
14	21377		DIGITAL ISLOLATOR 5V LOGIC to 3.3V LOGIC, SUB ASSEMBLY	1	
15	21557		3.5mm STEREO SNAP IN JACK SUB-ASSEMBLY	1	
16	21516		WIRE, 18 AWG, RED, 5" LONG	1	
17	21515		WIRE, 18 AWG, BLACK, 5" LONG	1	
18	21531		DC POWER JACK, TWIST-ON SUB ASSEMBLY	1	
19	21530		PCB SUB ASSEMBLY	1	
20	898053		TORQ-TRONICS II, I NLBs, HOUSING	1	
21	21358		BATTERY SNAPS W/WIRES TORQ-TRONICS 2	1	
22	21201		SHRINK TUBING 1/4 DIA. , CUT 1/2" LONG	4	
23	30205	816127	SOCKET CAP SCREW, 2-56 x 1/2	(4)-10*	LOCTITE 222 & TORQUE 1.5-2.5 INLBs
24	890033	816133	STANDOFF, 4-40 x 5/32" LONG, NYLON	(1)-10*	
25	30202		NUT, 2-56, S.S.	5	
26	21144		WASHER, INSULATING-SHOULDER, TORQ-TRONICS	1	
27	21143		WASHER, INSULATING, TORQ-TRONICS	1	
28	891093		O-RING 5.5mm I.D. X 1mm THICK; VITON 75	1	
29	890026		SCREW, 2-56 X 1/2", NYLON HEX. SOC. HEAD, BLACK	1	

FOR ITEMS NOT FOUND
SEE SHEET 5







SECTION C-C

LEGEND: ()=QUANTITY/TOOL
*=QUANTITY/MULTIPAK

PARTS DIAGRAM TAKEN FROM 21528

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DESCRIPTION
TORQ-TRONICS 2, 10I SHEET 4 OF 5

DIAGRAM No
10691-C

REV.
C

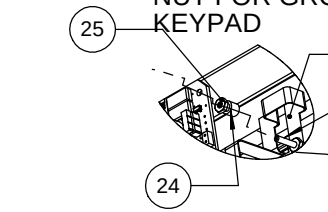
PART NO. 10691-C

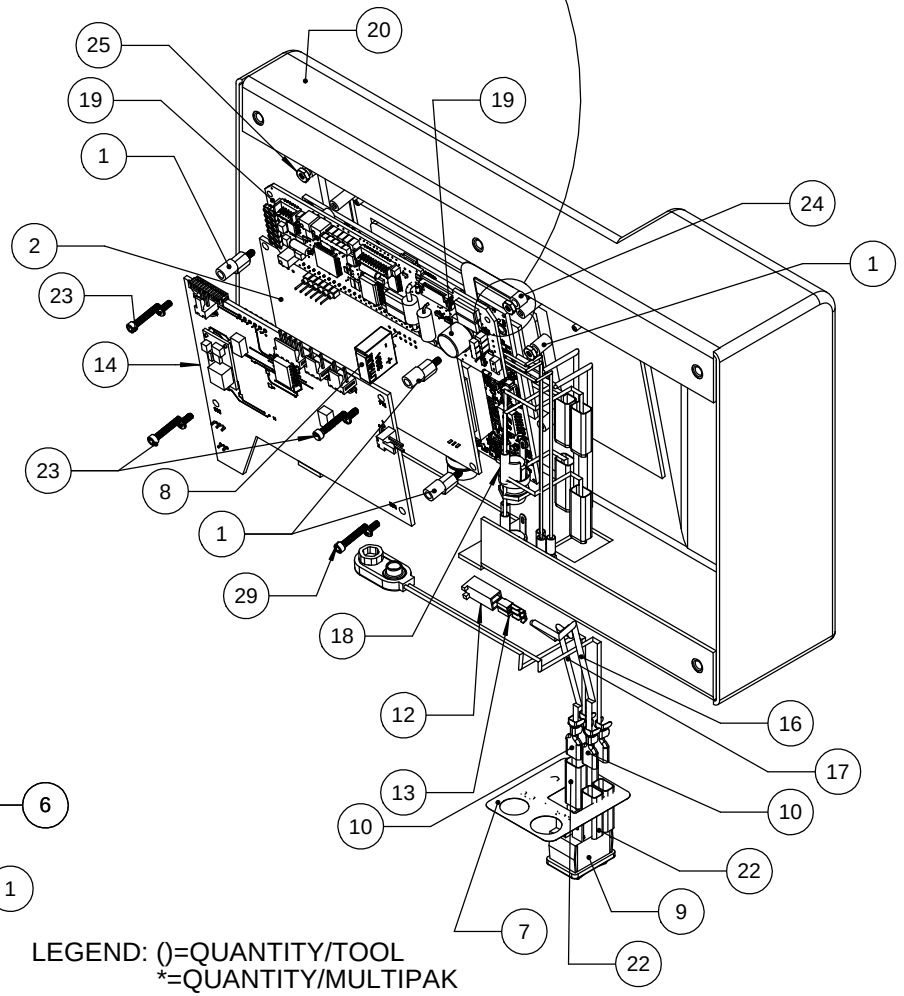
ITEM NO.	PART NUMBER	MULTI-PAK	DESCRIPTION	Default /QTY.	TORQUE SETTINGS
1	890034	816120	STANDOFF, 4-40 x 1/4" LONG, NYLON	(7)-10*	
2	21551		GRAPHIC VFD MODULE ASSEMBLY	1	USE F-835 (SEE F-835 ASSEMBLY.PDF)
3	898018		GASKET, DISPLAY	1	
4	21496		KEYPAD TORQ-TRONICS 2	1	
5	820200		LABEL, S/R, TORQ-TRONICS 2	1	
6	21497		LED LENS CAP	2	
7	21456		LABEL, DESCRIPTION, TORQ-TRONICS 2	1	
8	40445		BATTERY LITHIUM RAM BACKUP	1	
9	21448		ROCKER SWITCH	1	
10	21514		QUICK DISCONNECT TERMINAL CRIMP FEMALE, 16-20 AWG, .187 x .032 TAB SIZE	4	
11	21518		CABLE	1	
12	40053		HOUSING, CST-100, 2-PIN	1	
13	40055		CONTACT PIN, CST-100, CRIMP	2	
14	21377		DIGITAL ISLOLATOR 5V LOGIC to 3.3V LOGIC, SUB ASSEMBLY	1	USE F-835 (SEE F-835 ASSEMBLY.PDF)
15	21557		3.5mm STEREO SNAP IN JACK SUB-ASSEMBLY	1	
16	21516		WIRE, 18 AWG, RED, 5" LONG	1	
17	21515		WIRE, 18 AWG, BLACK, 5" LONG	1	
18	21531		DC POWER JACK, TWIST-ON SUB ASSEMBLY	1	
19	21530		PCB SUB ASSEMBLY	1	
20	898053		TORQ-TRONICS II, I NLBs, HOUSING	1	
21	21358		BATTERY SNAPS W/WIRES TORQ-TRONICS 2	1	
22	21201		SHRINK TUBING 1/4 DIA. , CUT 1/2" LONG	4	
23	30205	816127	SOCKET CAP SCREW, 2-56 x 1/2	(4)-10*	LOCTITE 222 & TORQUE 1.5-2.5 INLBs
24	890033	816133	STANDOFF, 4-40 x 5/32" LONG, NYLON	(1)-10*	
25	30202		NUT, 2-56, S.S.	5	
26	21144		WASHER, INSULATING-SHOULDER, TORQ-TRONICS	1	
27	21143		WASHER, INSULATING, TORQ-TRONICS	1	
28	891093		O-RING 5.5mm I.D. X 1mm THICK; VITON 75	1	
29	890026		SCREW, 2-56 X 1/2", NYLON HEX. SOC. HEAD, BLACK	1	

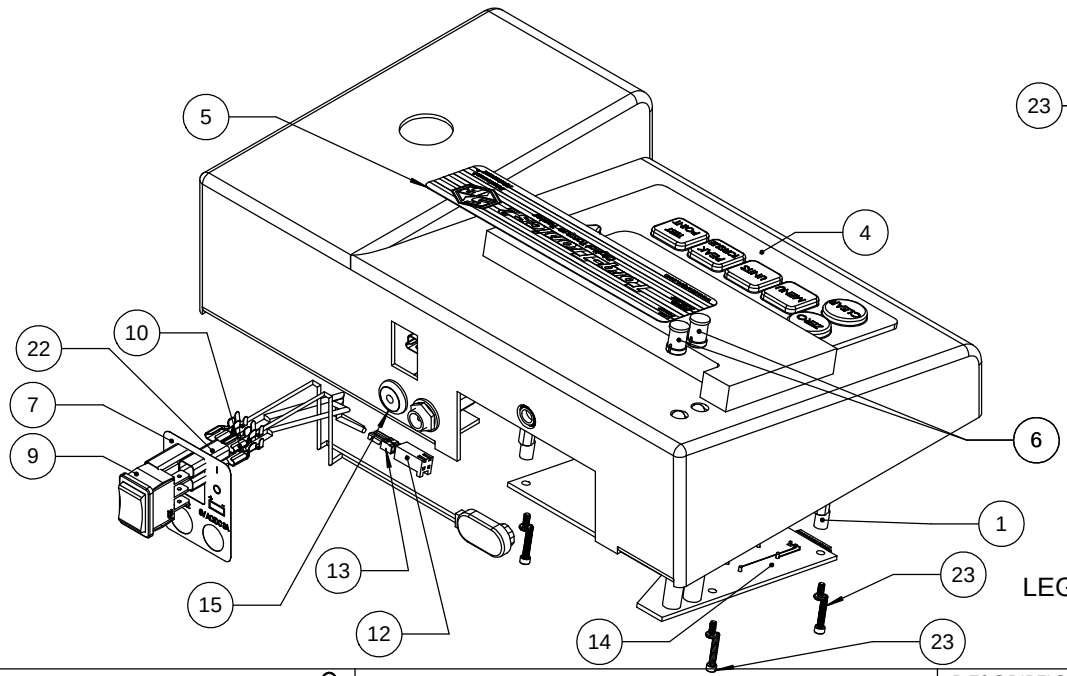
FOR ITEMS NOT FOUND
SEE SHEET 4

DETAIL M
NUT FOR GROUNDING
KEYPAD

TORQUE - HAND TIGHTEN
THIS NUT ONLY, SAME THREAD
HOLDING KEYPAD
GROUNDING STRAP







LEGEND: ()=QUANTITY/TOOL
*=QUANTITY/MULTIPAK
PARTS DIAGRAM TAKEN FROM 21528

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DESCRIPTION
TORQ-TRONICS 2, 10I, SHEET 5 OF 5

DIAGRAM No
10691-C

REV.
C