

LUXE SERIES (POWER)

REPAIR, INSTALL AND TROUBLESHOOTING GUIDE



AMERICAN LEATHER®

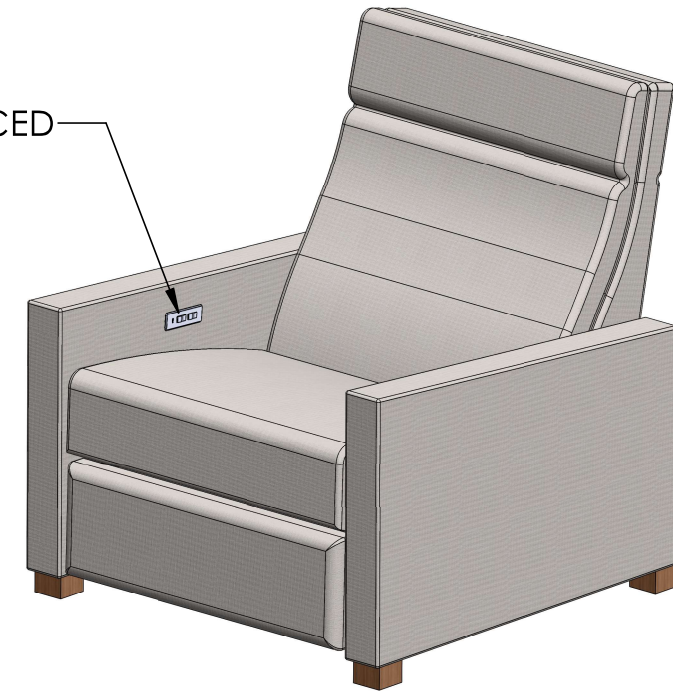
COMFORT ECHO LUX GUIDE

- SHEET 3: HOW TO REMOVE AND REPLACE SWITCH.
- SHEET 4-7: HOW TO REMOVE MECHANISM.
- SHEET 8: HOW TO REPLACE SEAT MOTOR.
- SHEET 9-10: HOW TO REPLACE HEADREST MOTOR.
- SHEET 11: HOW TO REMOVE ARMS.
- SHEET 12: HOW TO REPLACE BATTERY.
- SHEET 13: TROUBLESHOOTING GUIDE.
- SHEET 14-20: LIST OF PARTS.
- SHEET 21: WIRING DIGRAM (ARM SWITCH CONTROL).
- SHEET 22: WIRING DIGRAM (SEAT TOUCH CAPACITOR CONTROL).

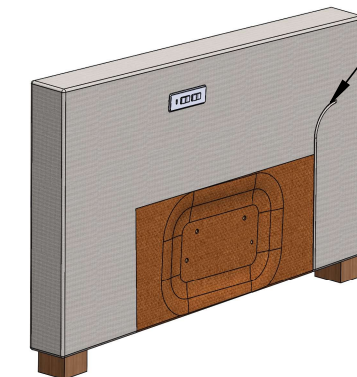
REMOVING AND REPLACING THE SWITCH:

1. USE A FLATHEAD SCREW DRIVER AND GENTLY PLACE BEHIND SWITCH BEZEL. USE CAUTION NOT TO SCRATCH BEZEL.
2. PULL SWITCH OUT. USE CAUTION AS SWITCH ARMS ARE SPRING LOADED AND WILL SNAP SHUT IF LET GO TOO QUICKLY.
3. ONCE REMOVED FROM ARMREST, UNPLUG SWITCH FROM WIRE HARNESS PLUG. USE CAUTION NOT TO LET HARNESS DROP DOWN INTO ARMREST.
4. REPLACE WITH NEW SWITCH (PART #198099) AND PLUG INTO HARNESS.
5. IF HARNESS DROPS DOWN INTO ARMREST, IT WILL NEED TO BE REROUTED BACK OUT. THERE IS A ZIPPER ON INNER SIDE OF ARM TO ACCESS CORD.
6. SPRING LOADED ARMS MUST BE FORCED BACK AS YOU INSERT SWITCH BACK INTO ARMREST.

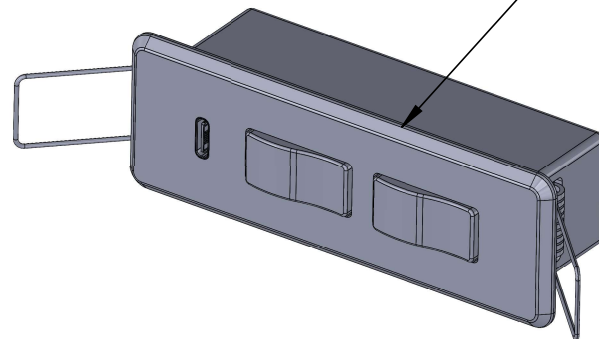
SWITCH TO BE REPLACED



ZIPPER LOCATION



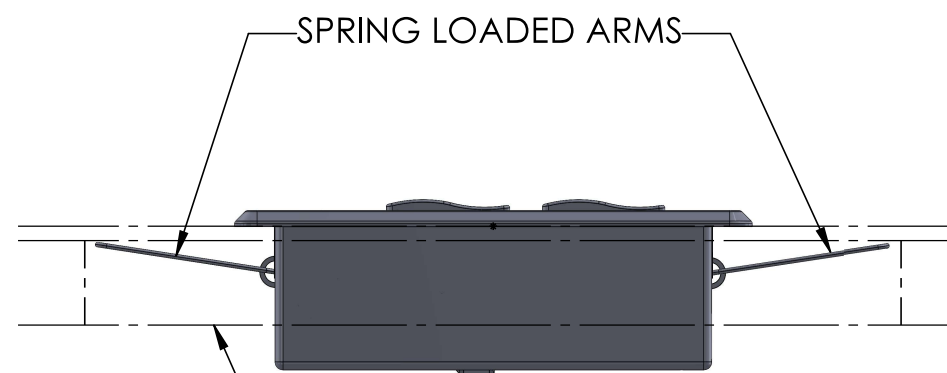
SWITCH BEZEL



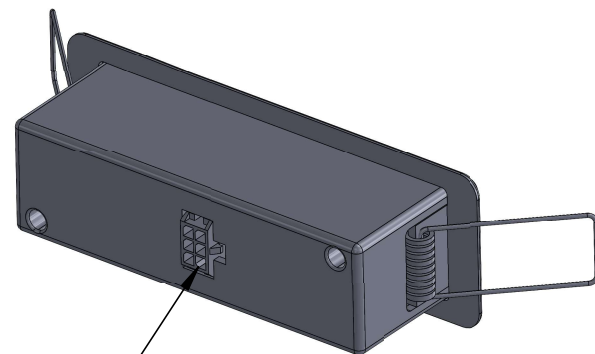
SPRING LOADED ARMS

SOFA ARM STRUCTURE

INSTALLED SWITCH VIEW



WIRE HARNESS PLUG



REMOVING MECHANISM:
FOLLOW STEPS BELOW IN ORDER:

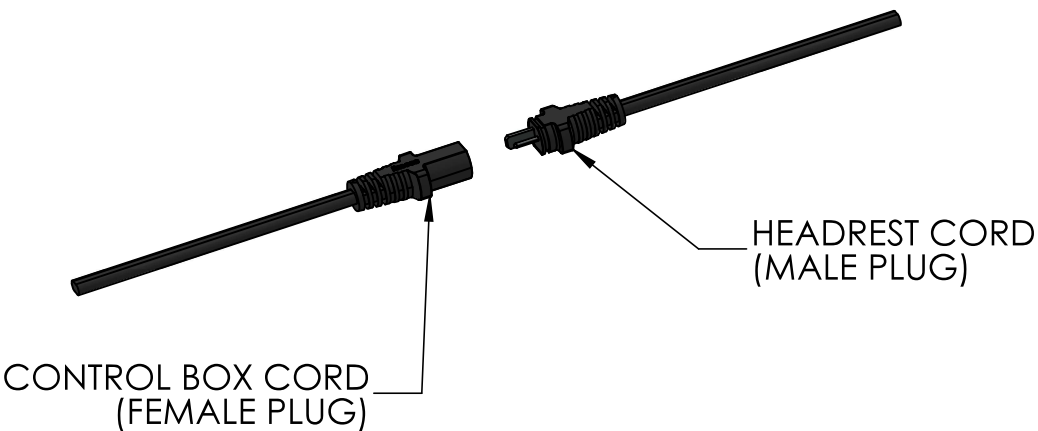
1. FULLY OPEN MECHANISM



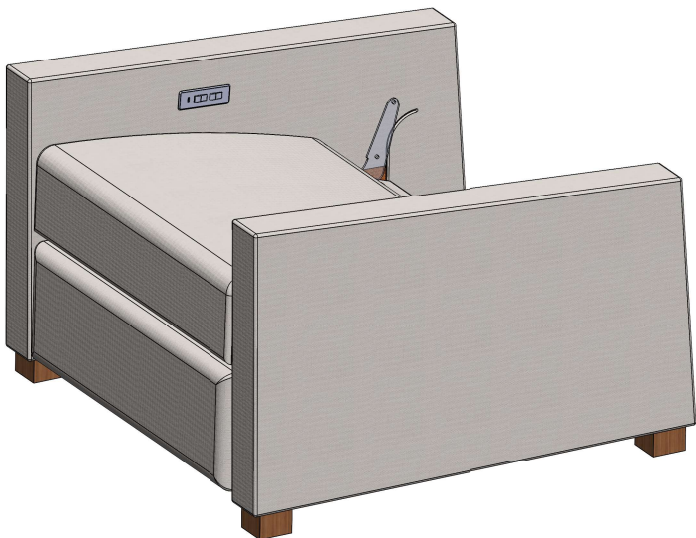
2. PULL BACK REST UPWARD AS SHOWN BELOW



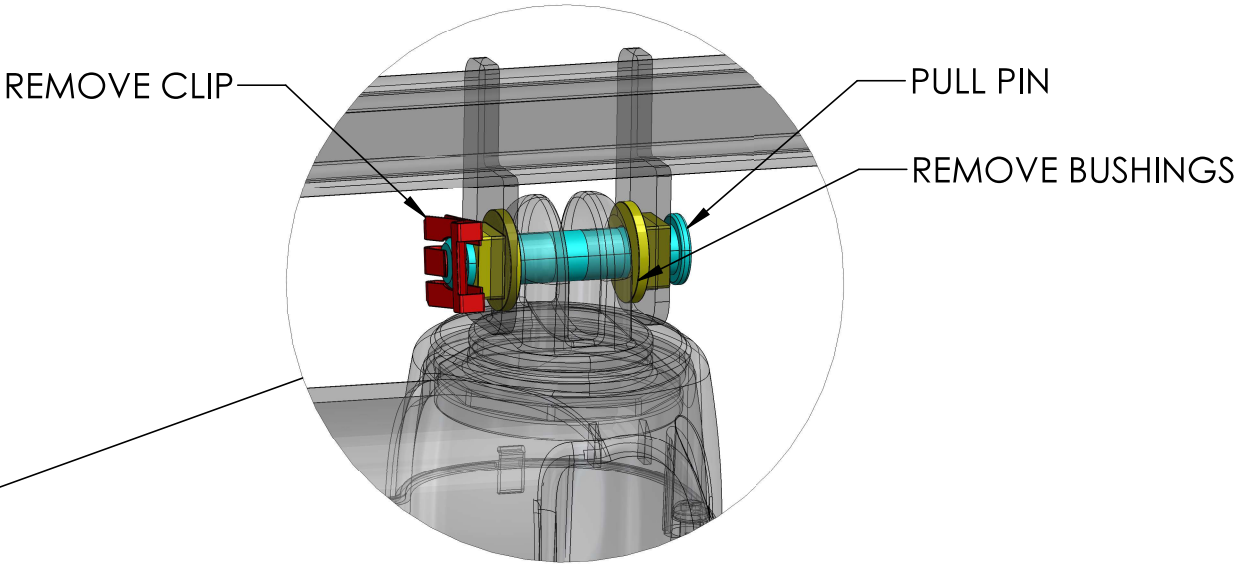
3. UNPLUG HEADREST CORD AND REMOVE THE BACK



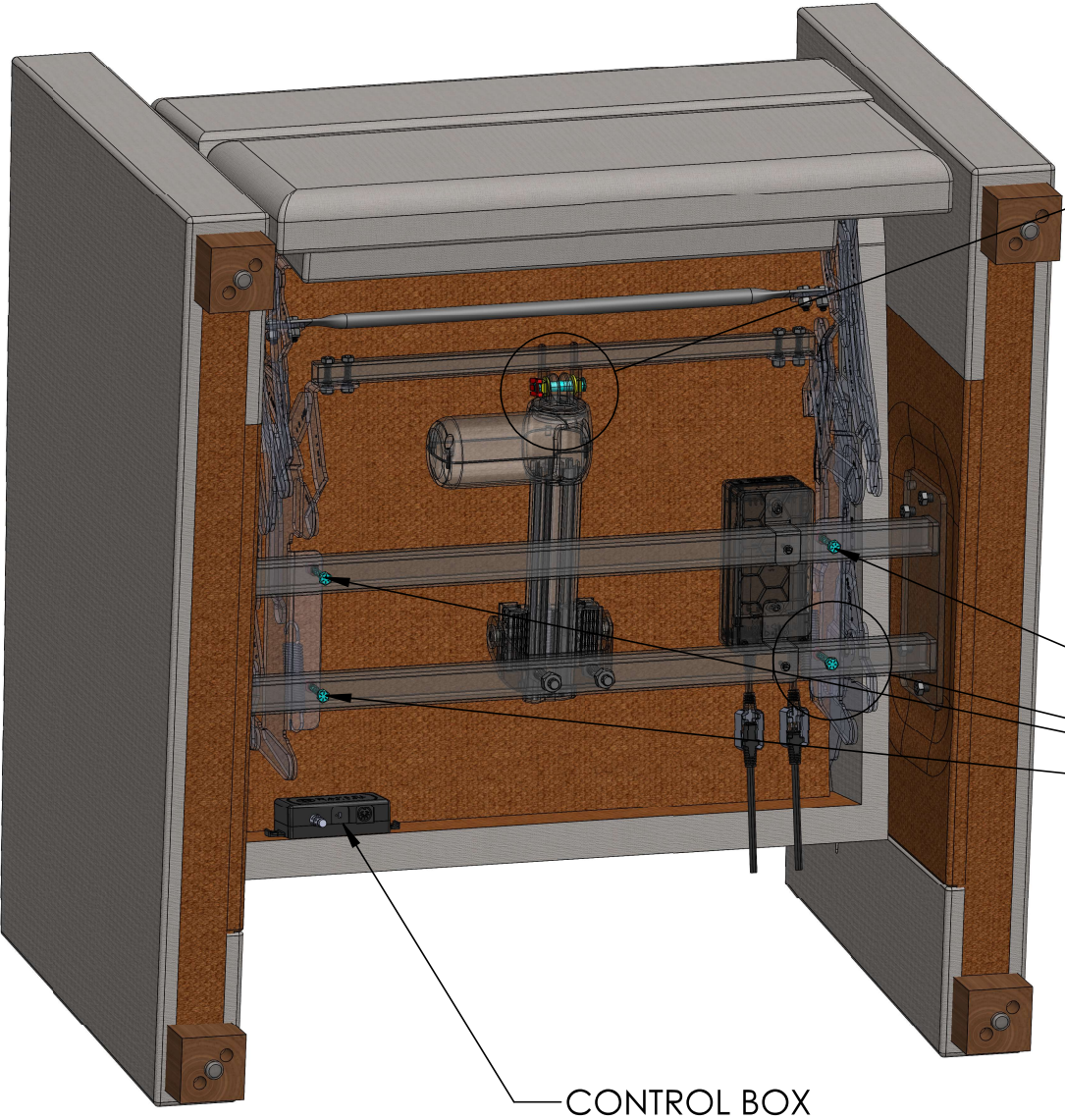
4. FULLY CLOSE THE MECHANISM



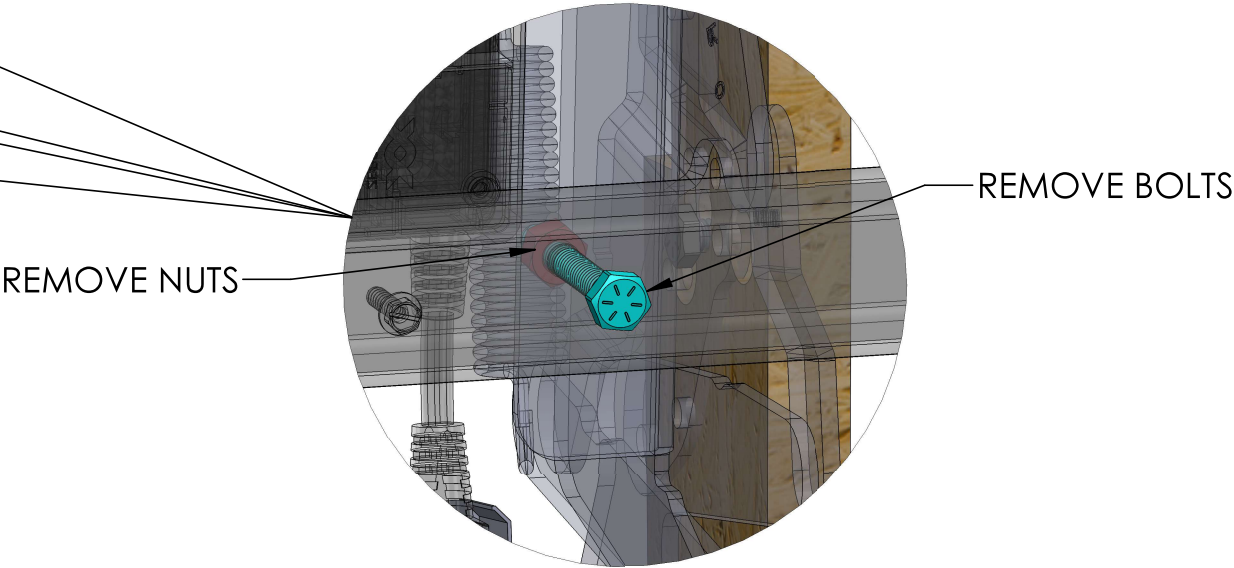
**6. REMOVE CLIP AND PULL PIN OUT
THEN REMOVE BUSHING**



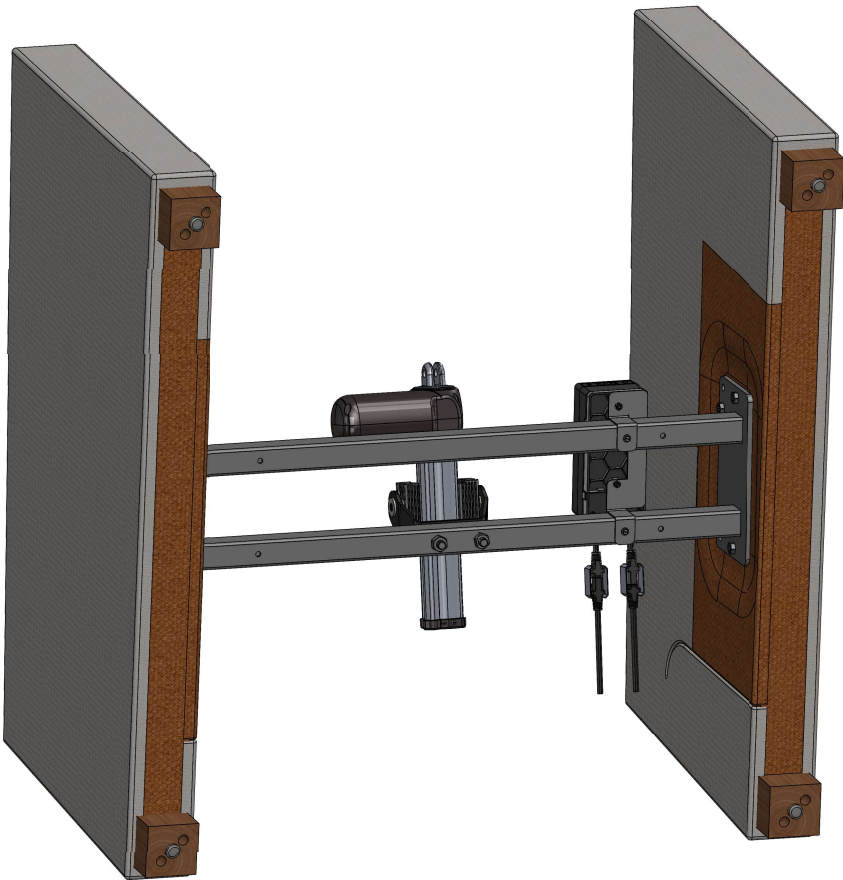
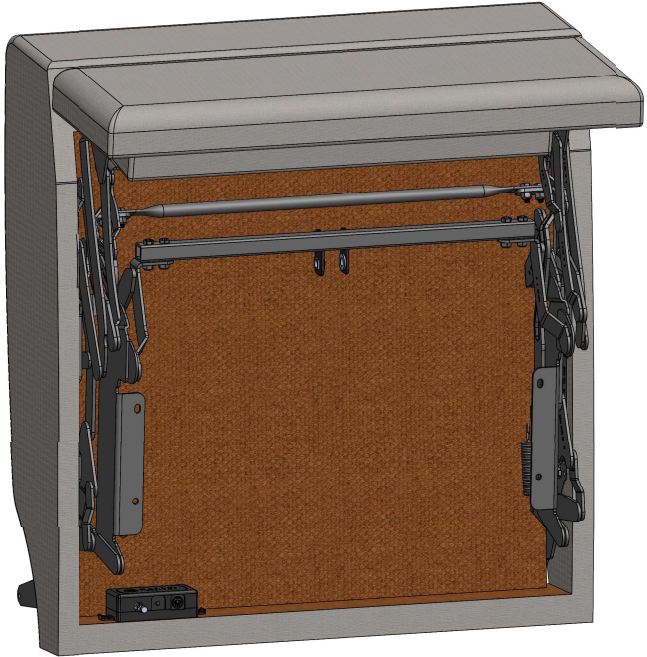
5. FLIP CHAIR ON BACK.



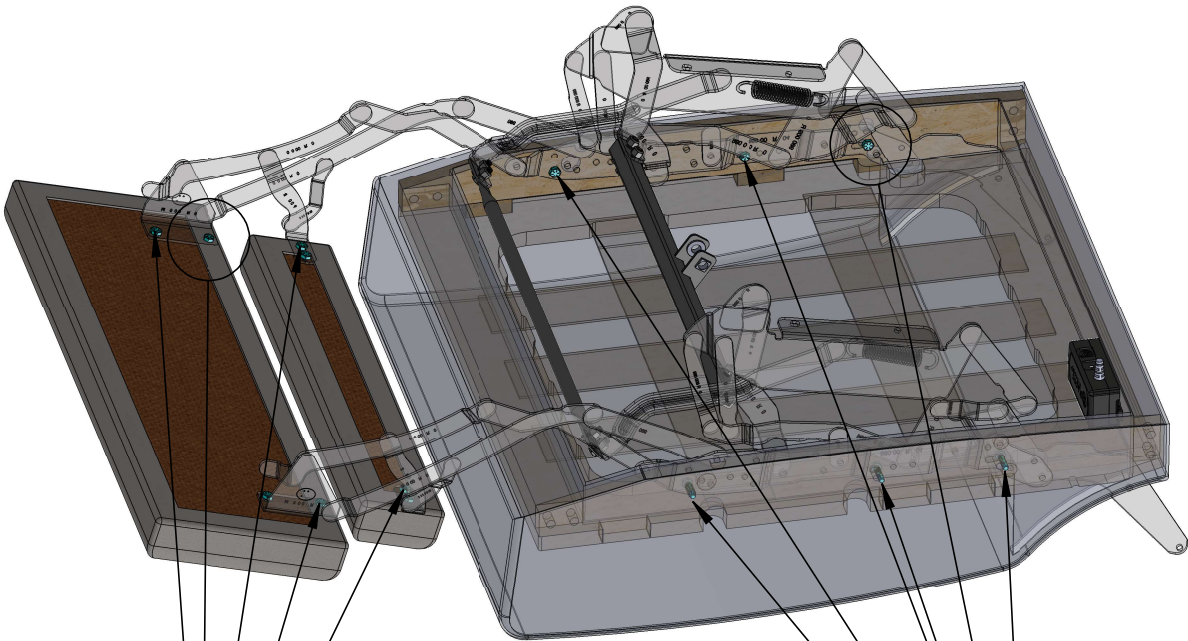
7. REMOVE BOLTS AND NUTS IN 4 LOCATIONS



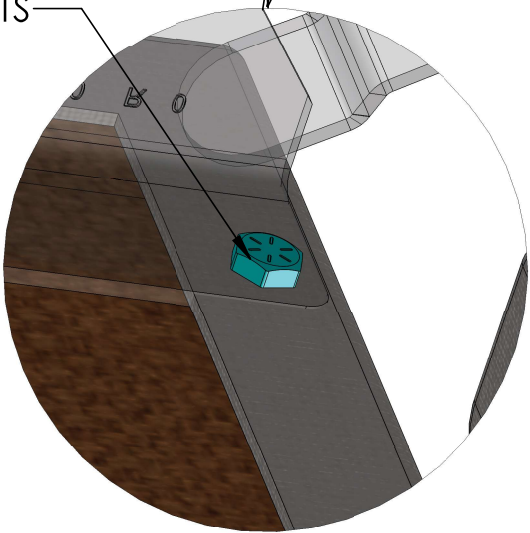
8. DETTACH SEAT FROM CHASSIS



9. OPEN MECHANISM MANUALLY

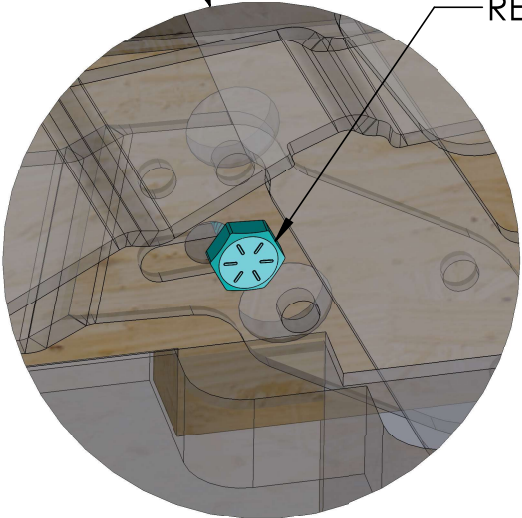


REMOVE BOLTS



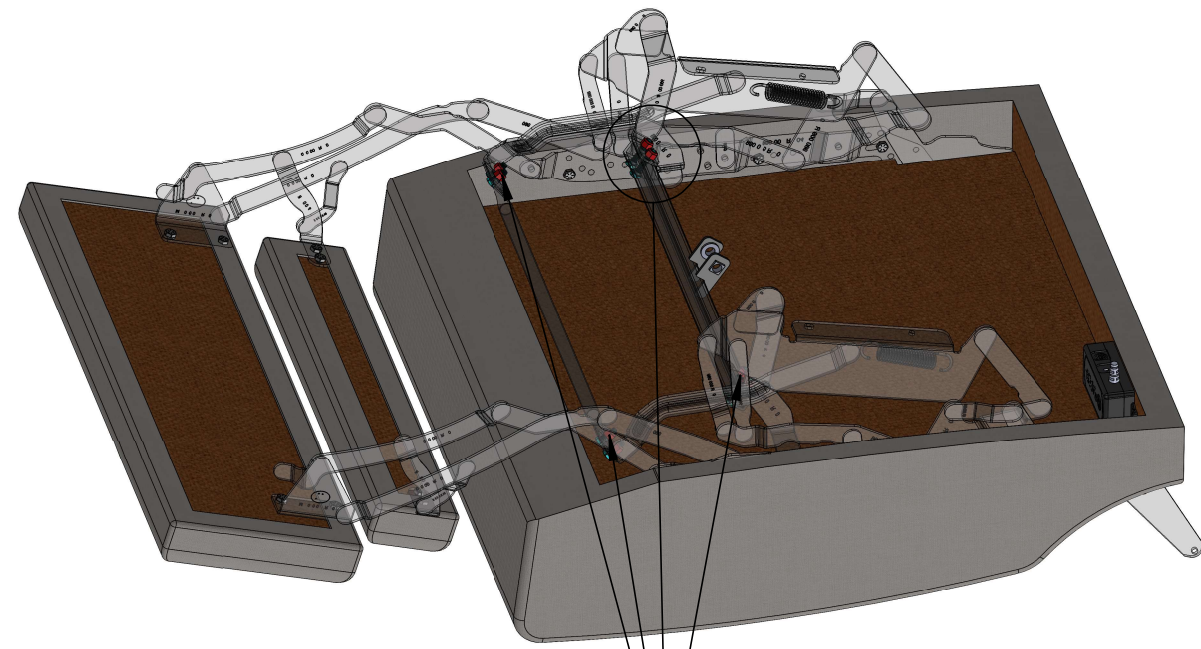
10. REMOVE LEGRESTS BY REMOVING BOLTS IN 4 LOCATIONS OF EACH SIDE OF SEAT

REMOVE BOLTS

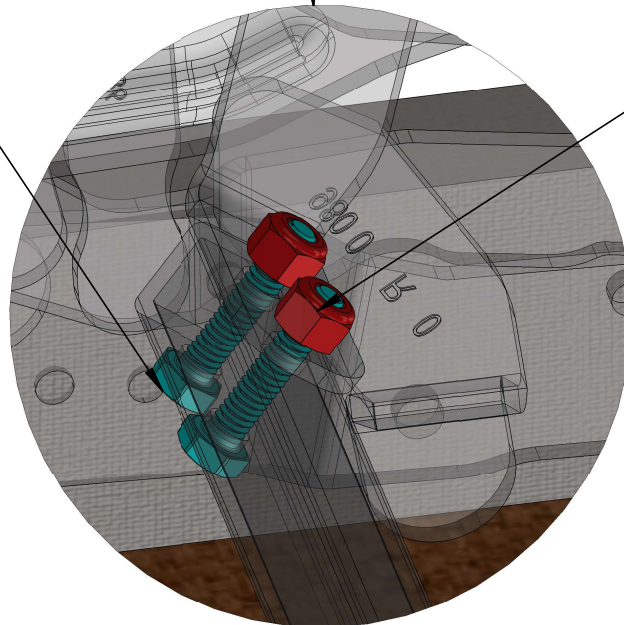


11. REMOVE MECHANISM BY REMOVING BOLTS IN 3 LOCATIONS OF EACH SIDE OF SEAT

**12. REMOVE ROUND AND SQUARE CROSS
TUBES BY REMOVING BOLTS IN 4 LOCATIONS
OF EACH SIDE OF SEAT**

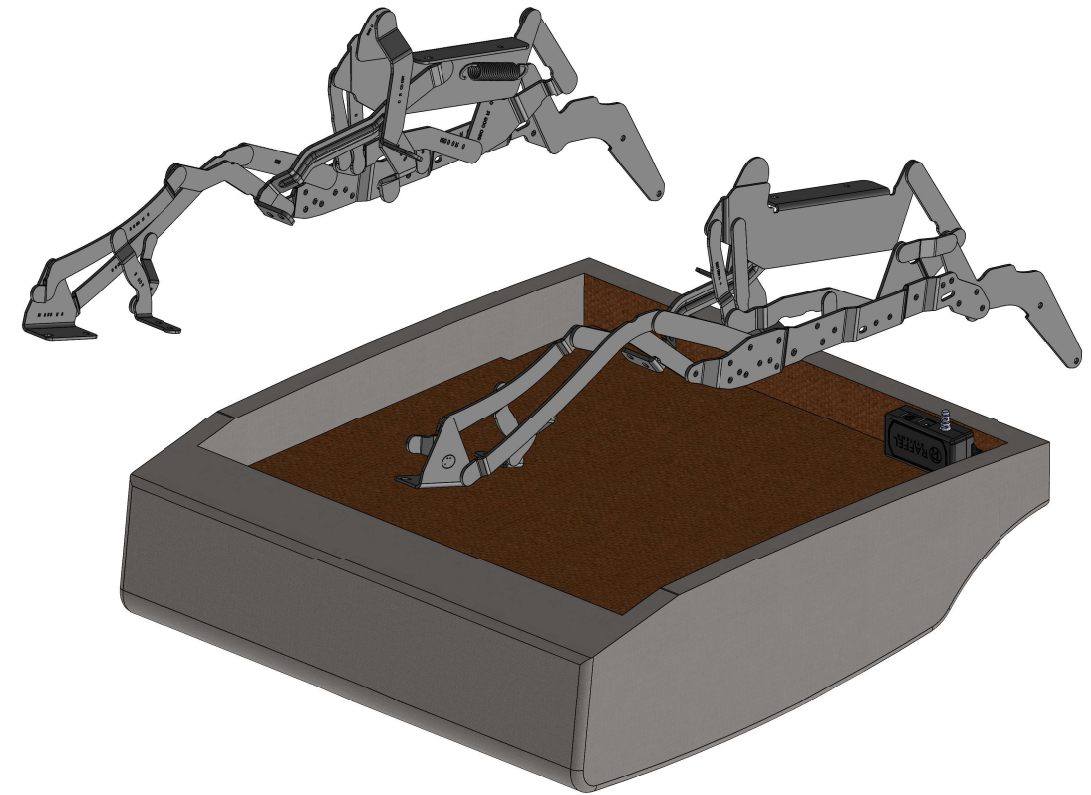


REMOVE BOLTS



REMOVE NUTS

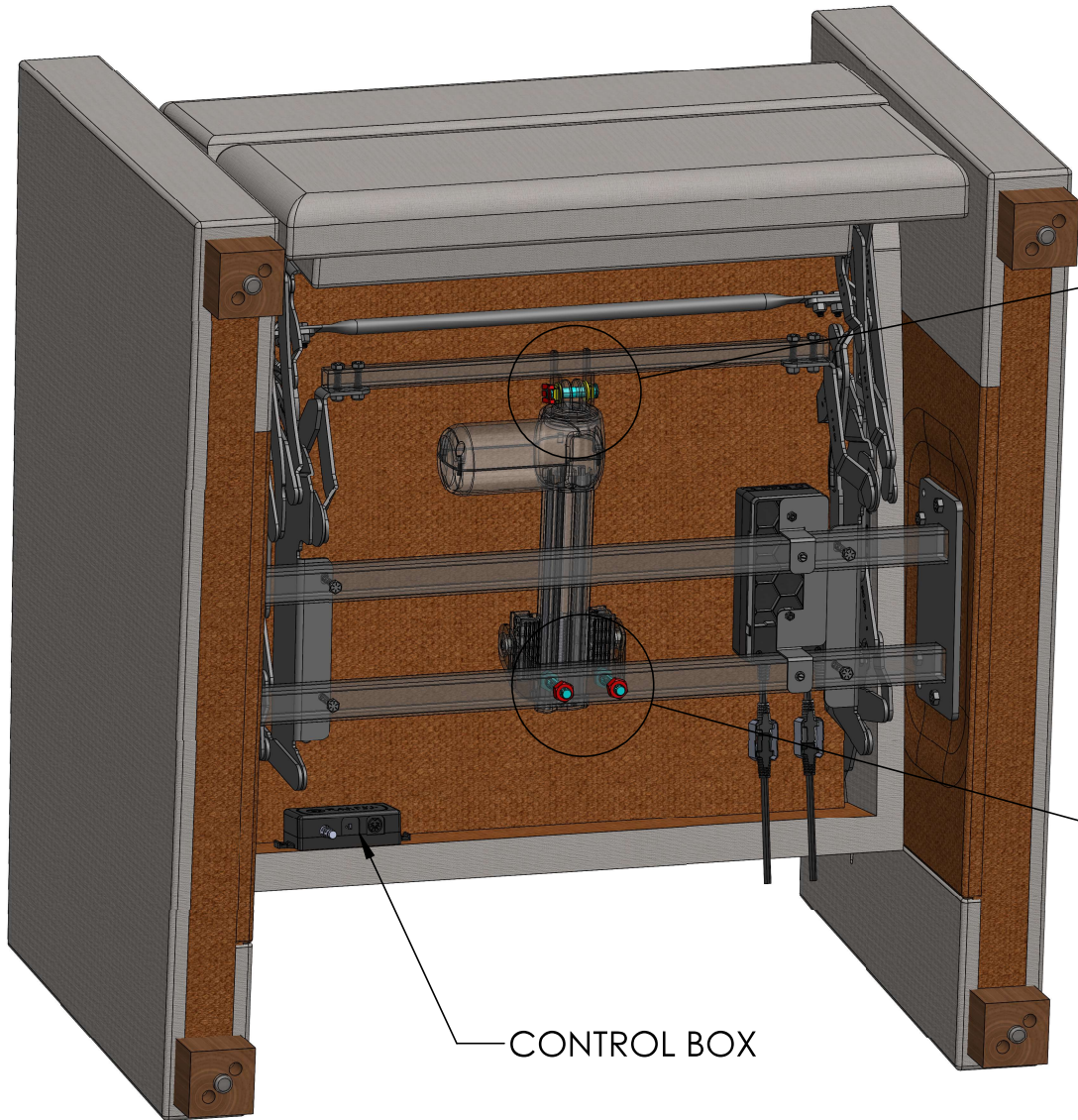
13. REMOVE MECHANISM



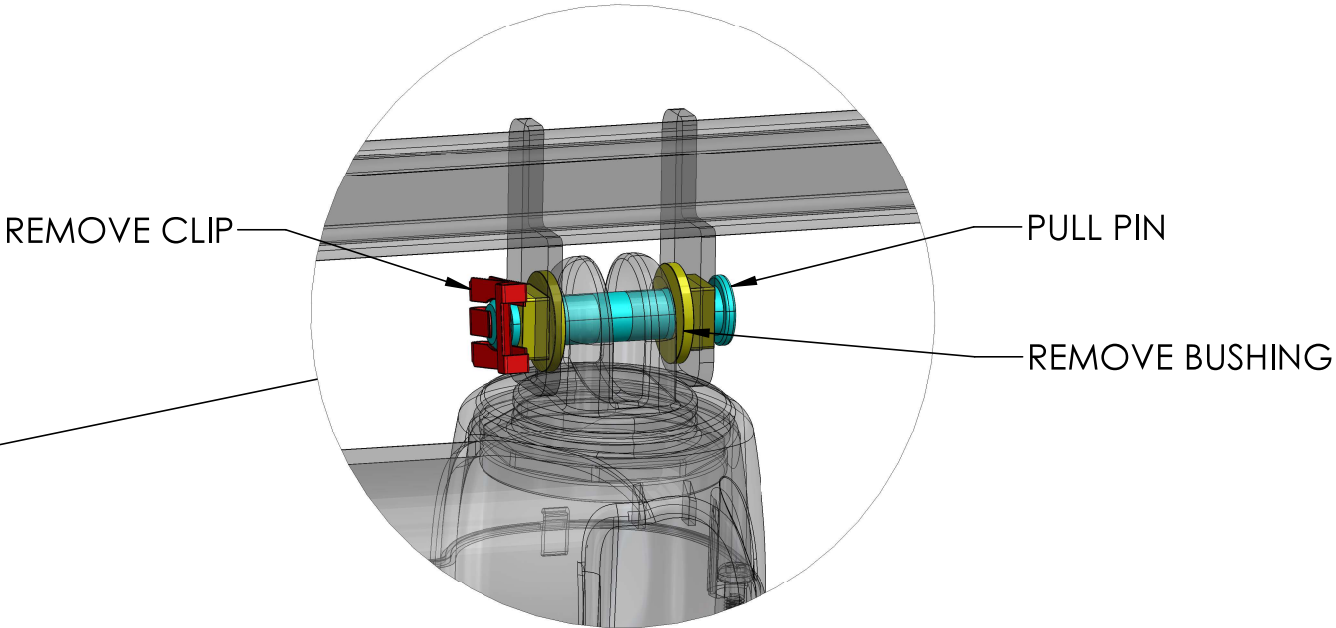
REPLACE SEAT MOTOR

FOLLOW STEPS BELOW IN ORDER:

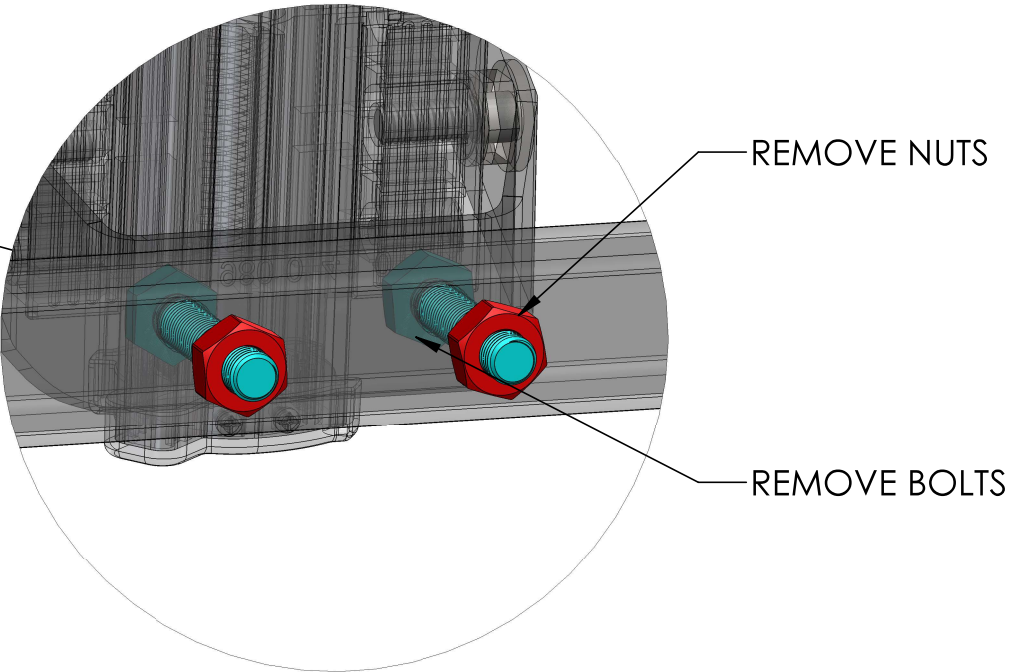
**1. FLIP CHAIR ON BACK AND DISCONNECT
MOTOR CABLE FROM CONTROL BOX**



**2. REMOVE CLIP AND PULL PIN OUT
THEN REMOVE BUSHING**

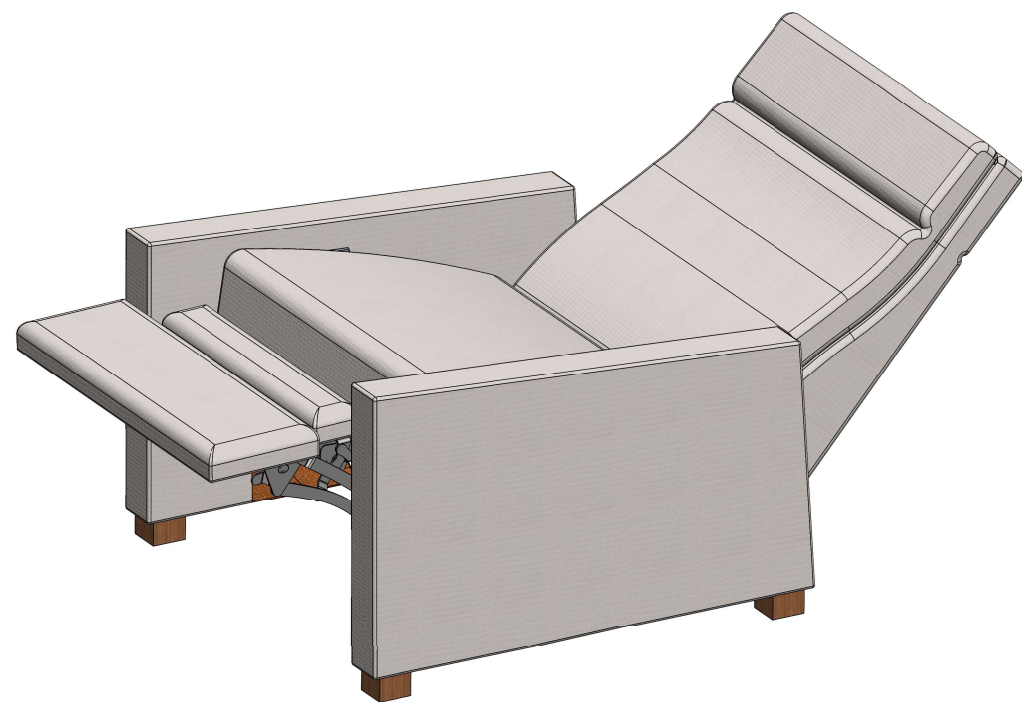


3. REMOVE BOLTS AND NUTS TO DETTACH MOTOR

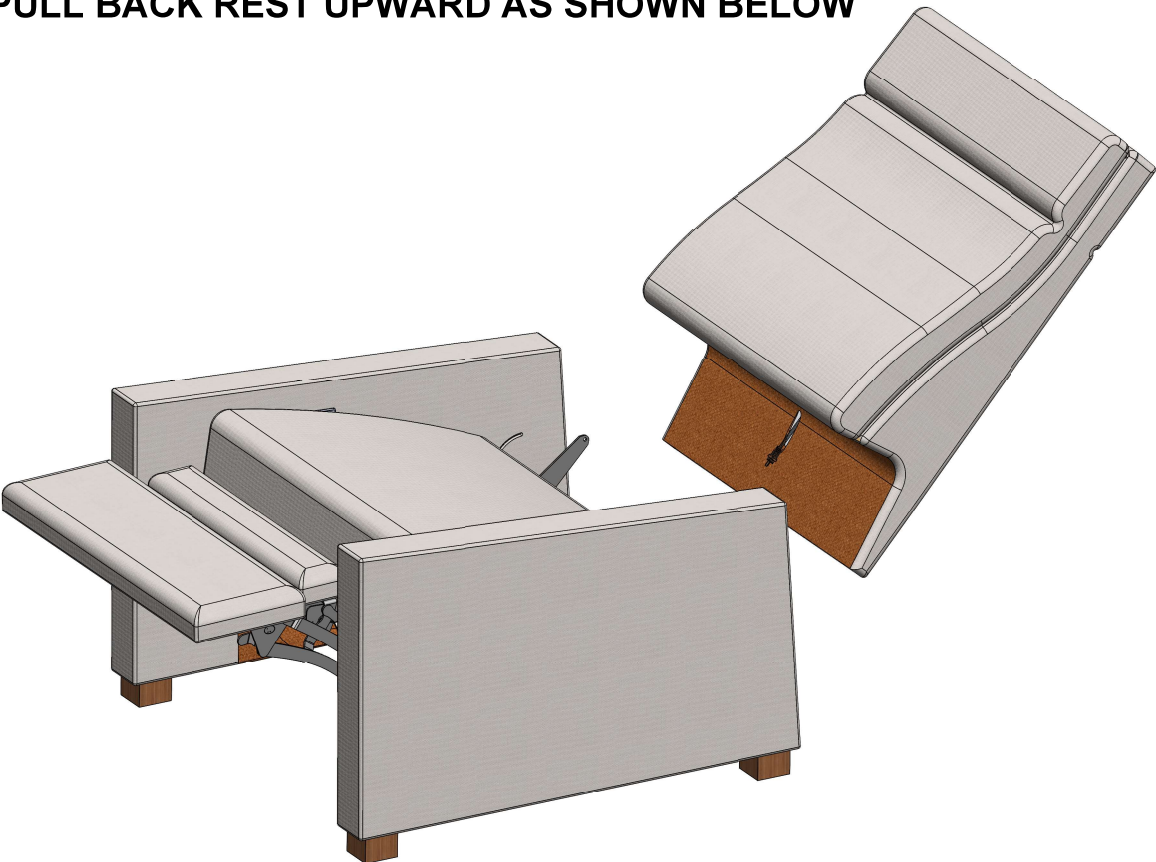


REPLACE HEAD REST MOTOR:
FOLLOW STEPS BELOW IN ORDER:

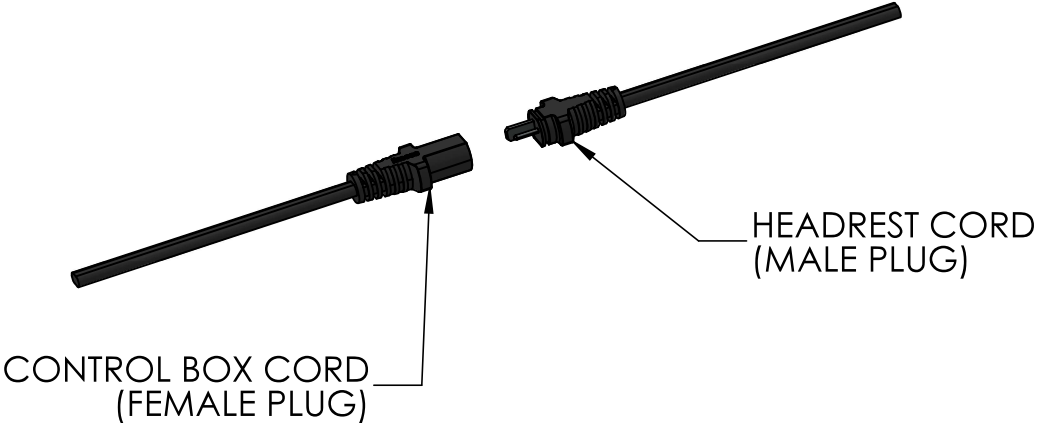
1. FULLY OPEN MECHANISM



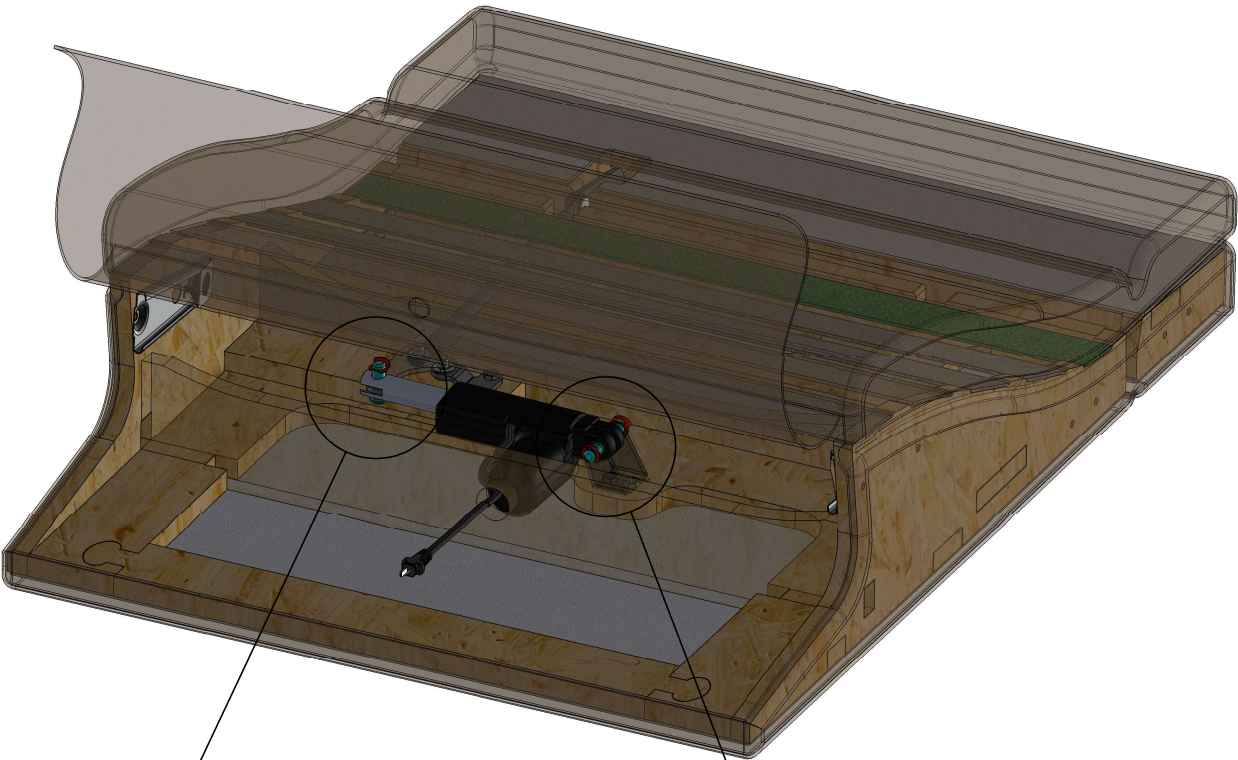
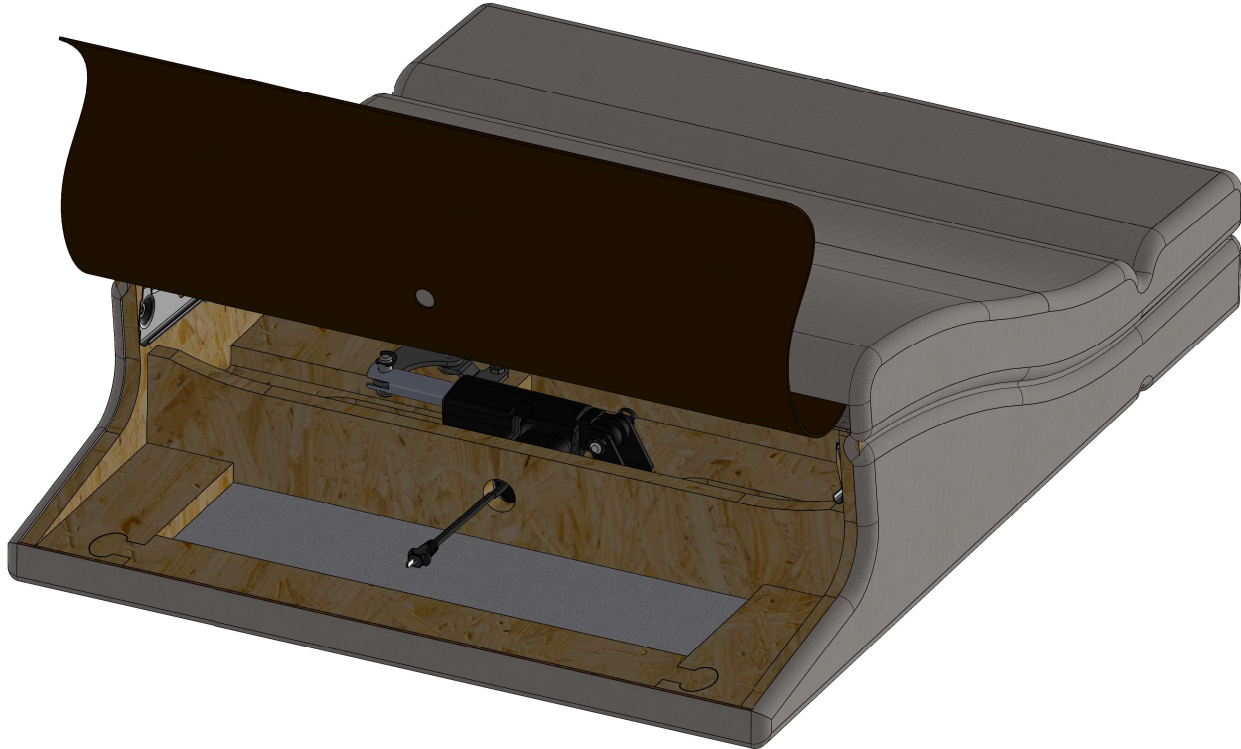
2. PULL BACK REST UPWARD AS SHOWN BELOW



3. UNPLUG HEADREST CORD AND REMOVE THE BACK

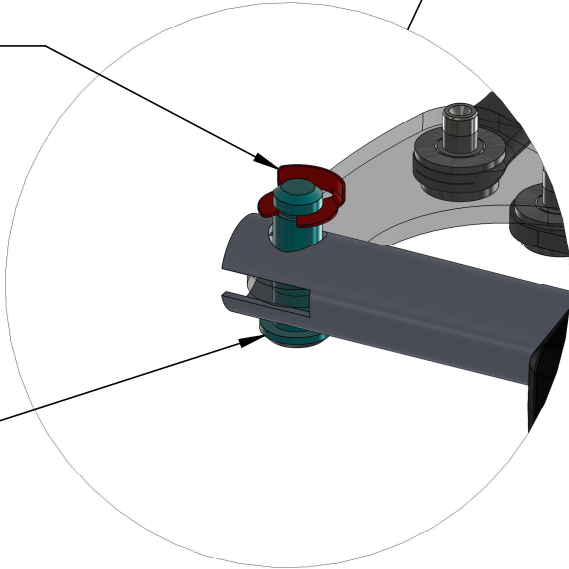


4. REMOVE STAPLES AND OPEN FLAP TO GAIN ACCESS TO MOTOR



REMOVE CLIP

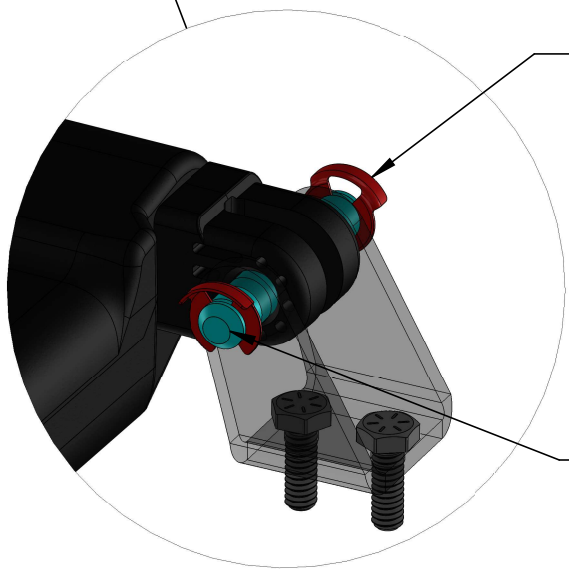
PULL PIN



5. REMOVE MOTOR STROKE CLIP THEN PULL ATTACHMENT PIN

REMOVE CLIP

PULL PIN

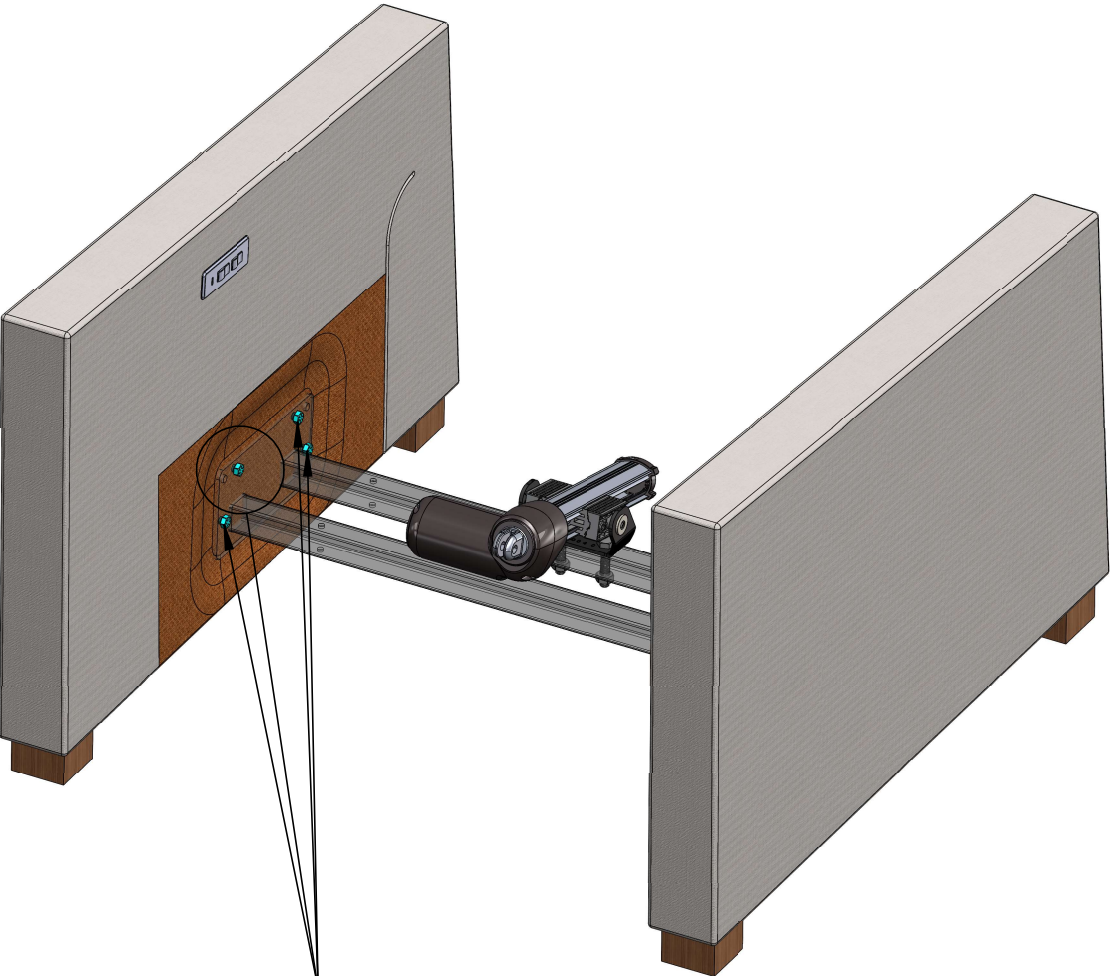
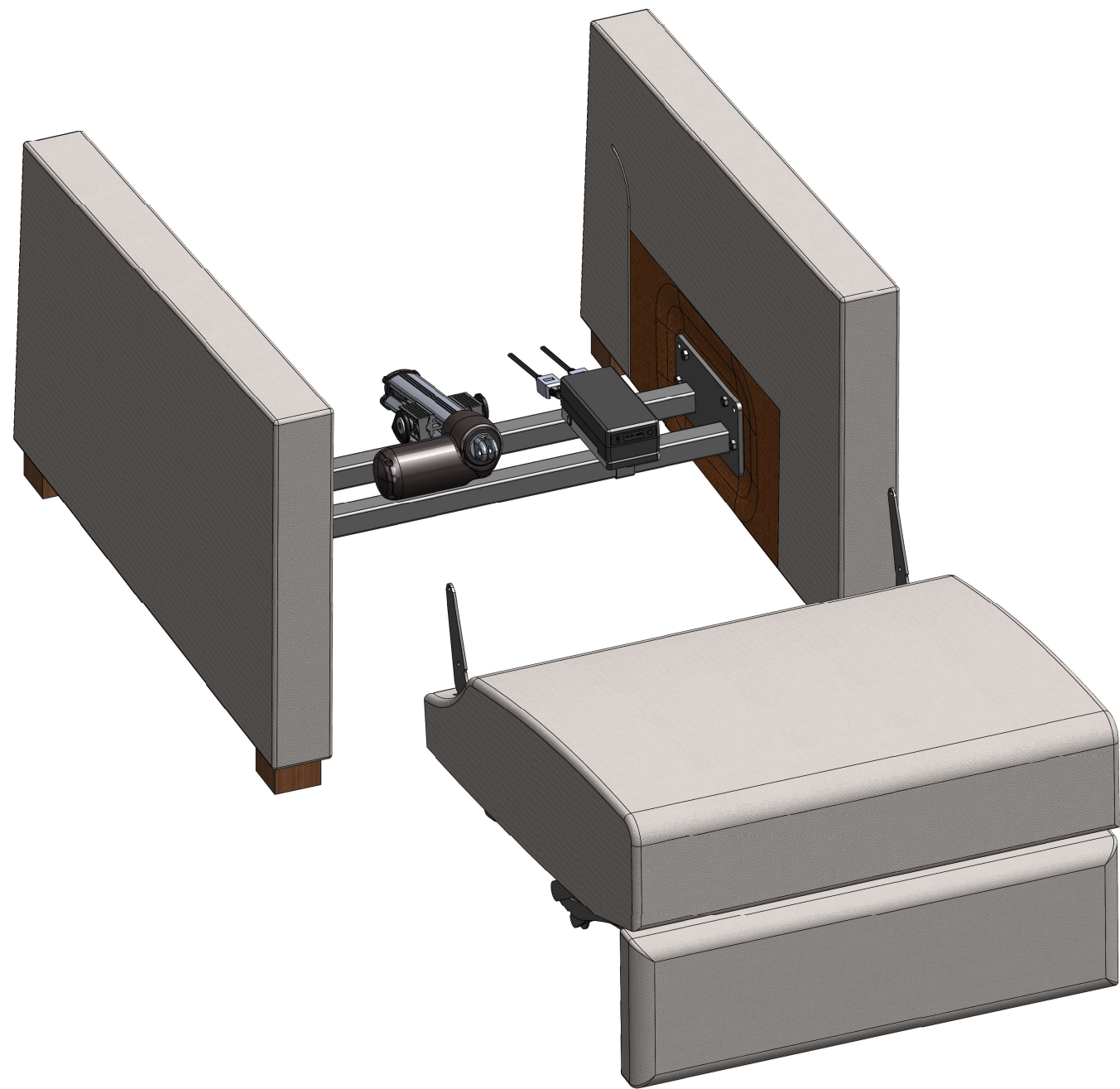


6. REMOVE MOTOR BODY CLIPS THEN PULL ATTACHMENT PIN

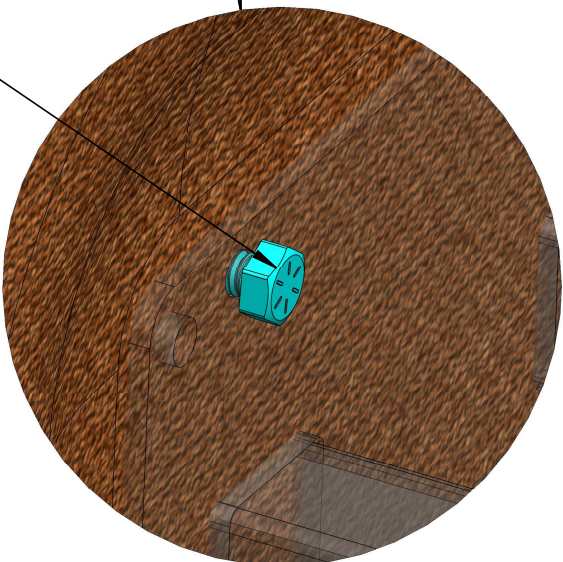
REMOVING ARMS:

REPEAT STEPS FROM PAGE #4, 5 ,AND 6 TO REMOVING THE SEAT

1. REMOVE SEAT



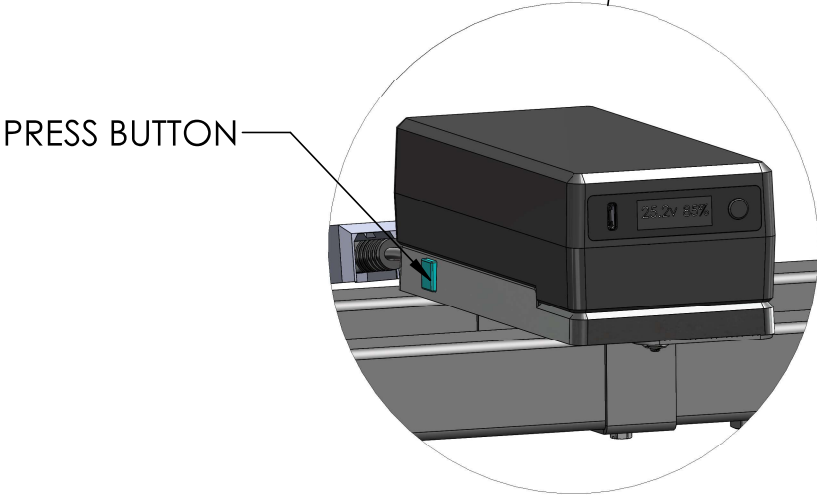
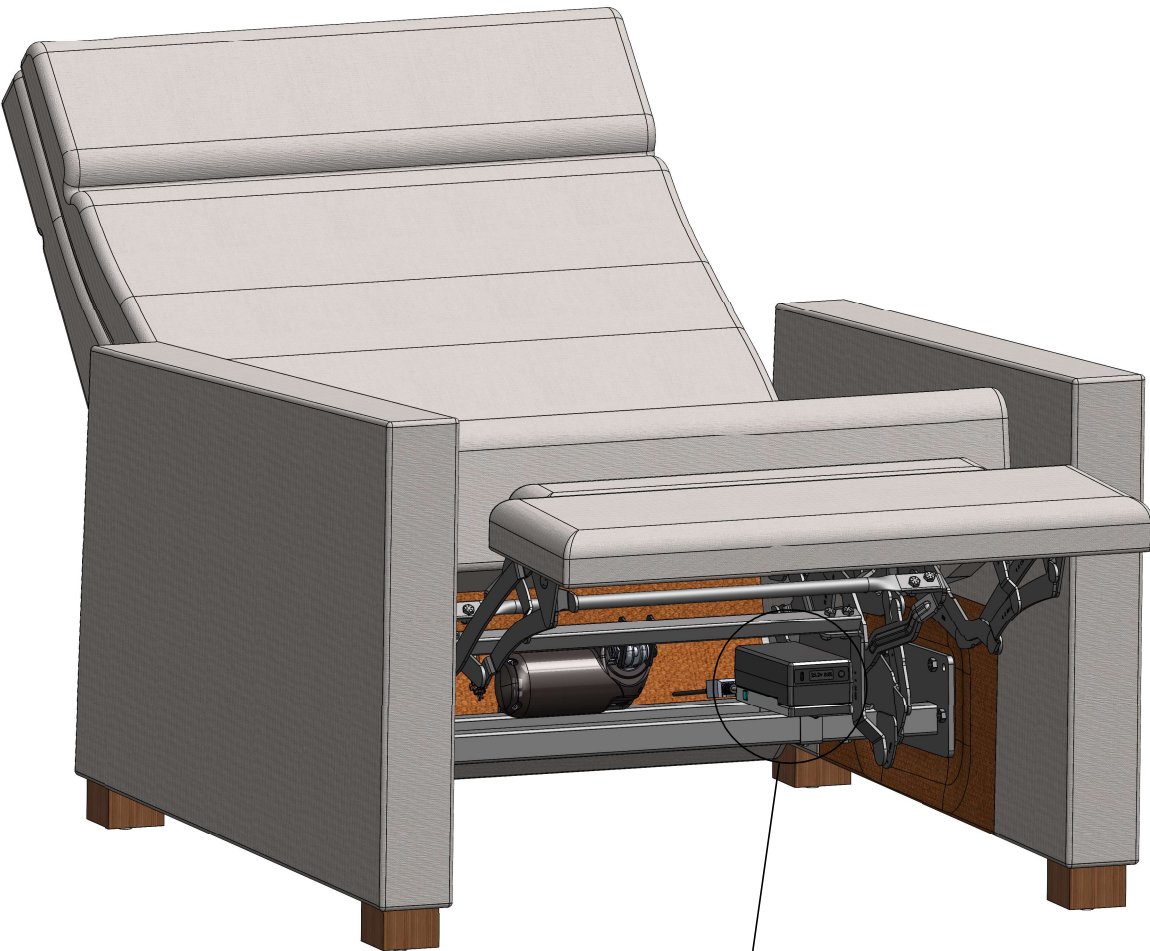
REMOVE BOLTS



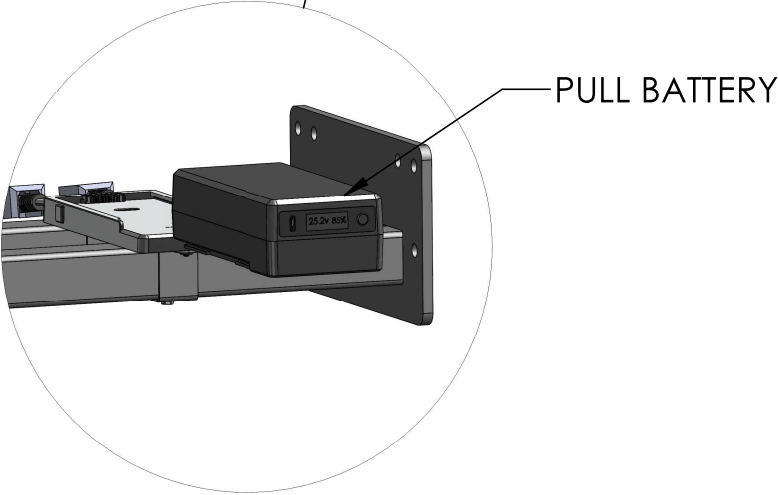
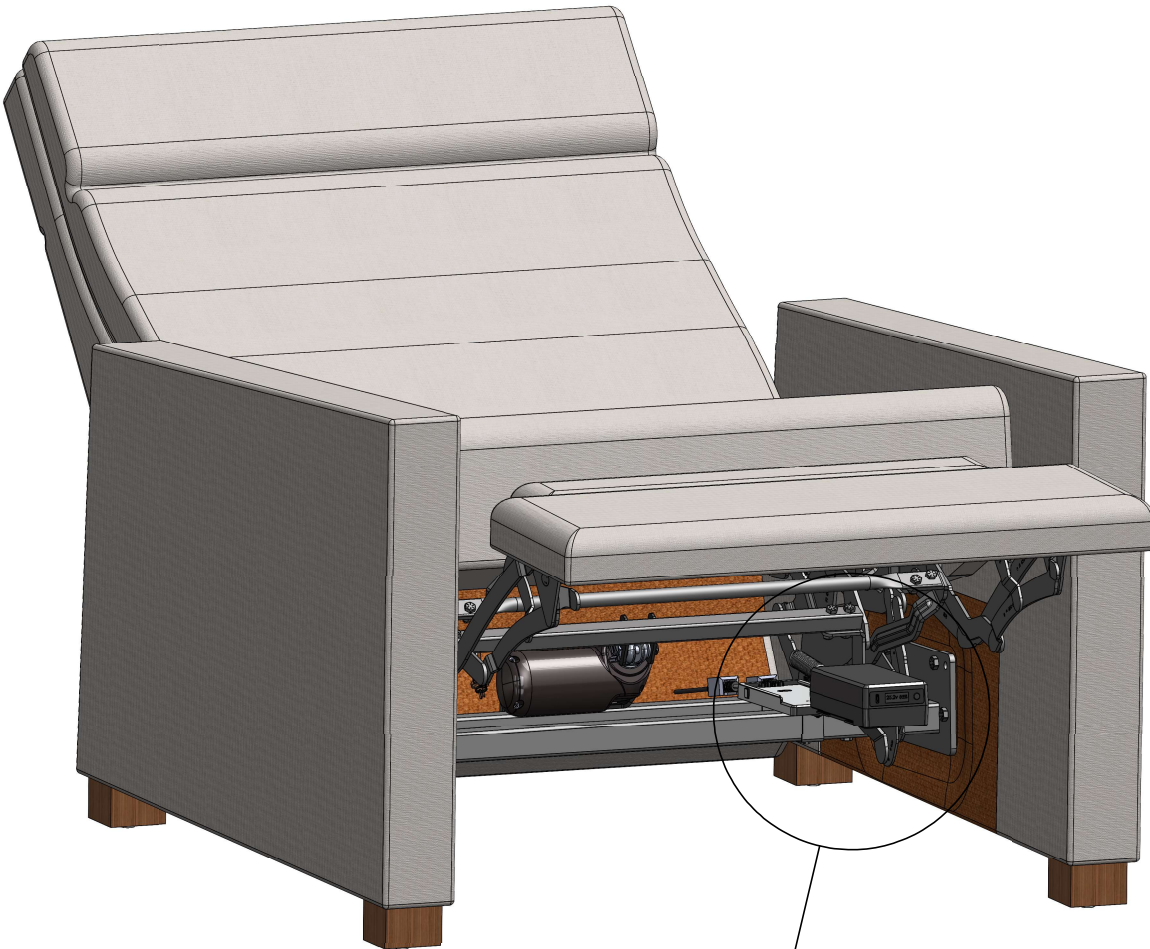
**2. REMOVE ARMS BY REMOVING BOLTS
IN 4 LOCATIONS OF EACH SIDE OF CHAIR**

REMOVING BATTERY:

1. FULLY OPEN SEAT



**2. PRESS BUTTON TO RELEASE
BATTERY FROM TRAY**



3. PULL BATTERY FORWARD

TROUBLE SHOOTING GUIDE

MOST COMMON ISSUES WITH MOST COMMON AND EFFECTIVE ANSWERS.

1. NOT WORKING:
- MAKE SURE POWER CORD IS PLUGGED INTO AN OUTLET.

• MAKE SURE POWER FROM OUTLET IS PLUGGED INTO POWER PIGTAIL ON THE REAR OF PIECE. SEE FIG 1.

• MAKE SURE BATTERY IS CHARGED (IF EQUIPPED). LOOKING AT BACK, RIGHT HAND SIDE OF BATTERY, CHECK COLOR OF LIGHT. SEE FIG 3.
2. POWER PIGTAIL LOCATION:
- IT IS LOCATED UNDERNEATH BACK, CENTERED. SEE FIG 1.

• IF YOU ARE CERTAIN POWER PIGTAIL IS MISSING OR BROKEN, REQUEST SERVICE.
3. SWITCH NOT WORKING: NO LIGHT OR NOT OPERATING PIECE OF FURNITURE
- MAKE SURE POWER CORD IS PLUGGED INTO AN OUTLET.

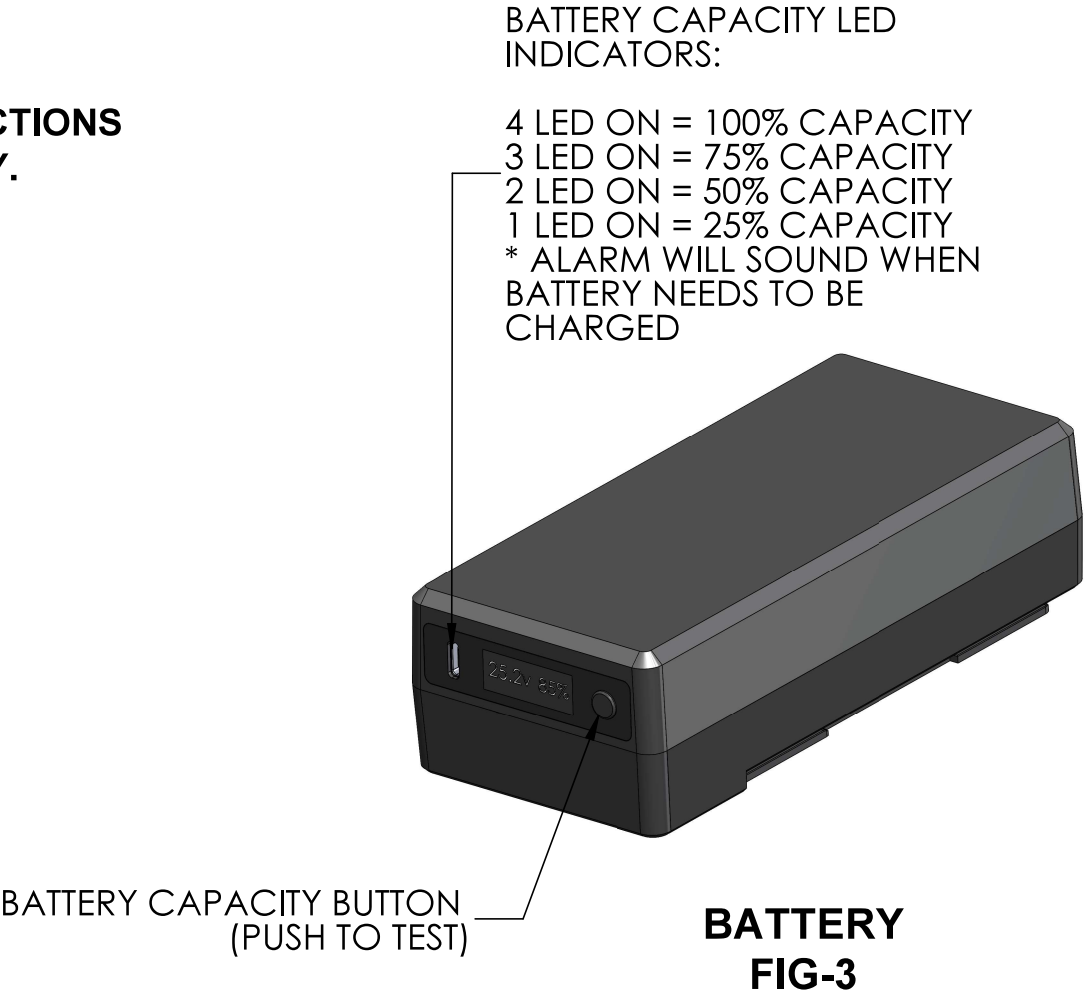
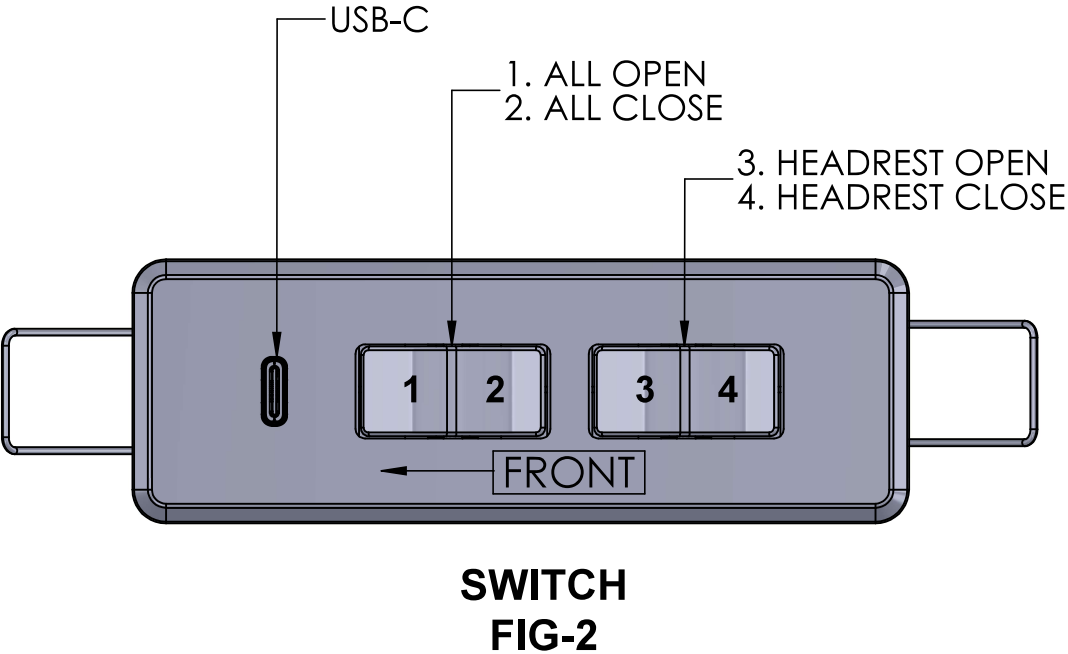
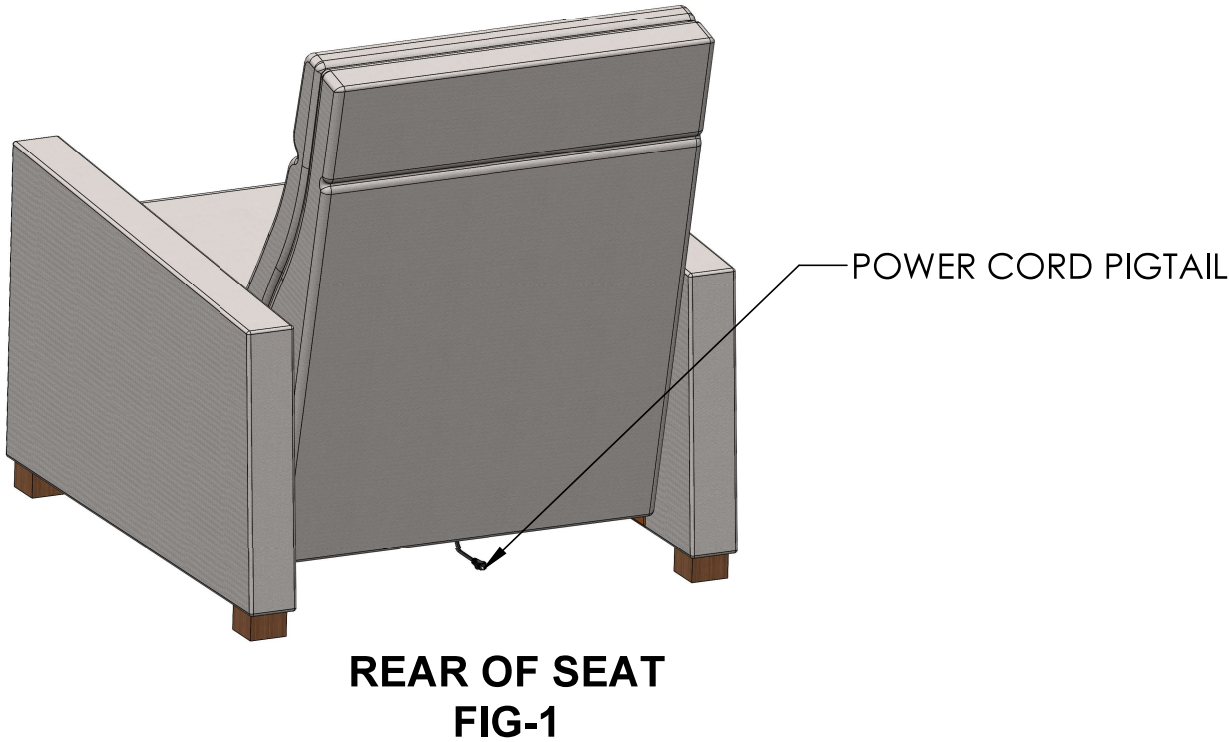
• MAKE SURE BATTERY IS FULLY CHARGED (IF EQUIPPED) SEE FIG 3.

• PULL SWITCH OUT OF ARM AND CHECK TO MAKE SURE SWITCH CORD IS PLUGGED INTO SWITCH, SEE SHEET 3.

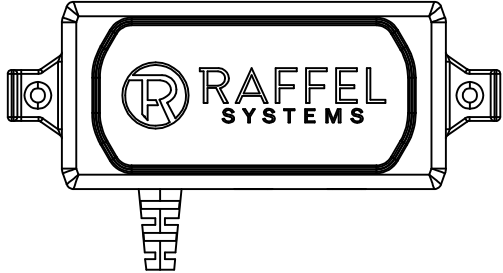
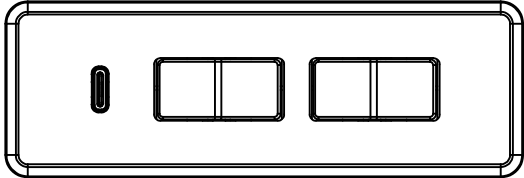
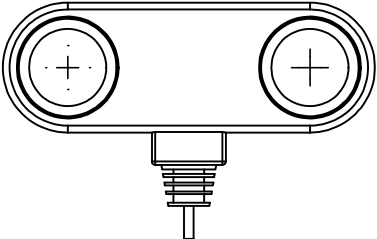
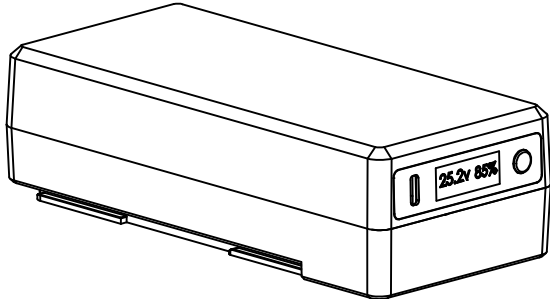
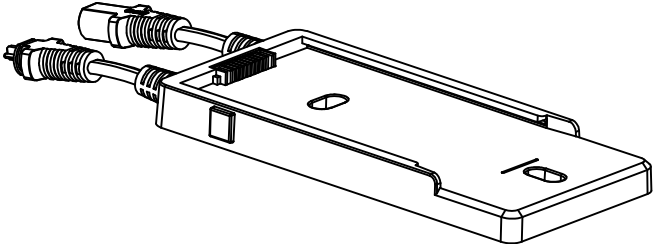
• SEE FIG 3 FOR SWITCH FUNCTIONALITY.

• IF SWITCH IS STILL NOT WORKING, REQUEST SERVICE.
4. CLICKING NOISE COMING FROM CHAIR OR WHILE USING SWITCH:
- CHECK UNDER AND AROUND CHAIR TO MAKE SURE THERE ARE NO OBSTRUCTIONS KEEPING PIECE OF FURNITURE FROM BEING ABLE TO OPEN OR CLOSE FULLY.

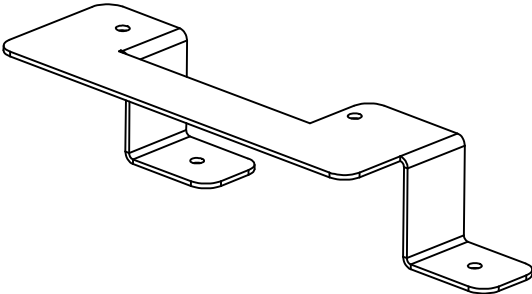
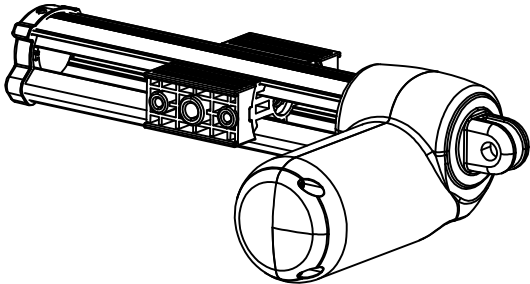
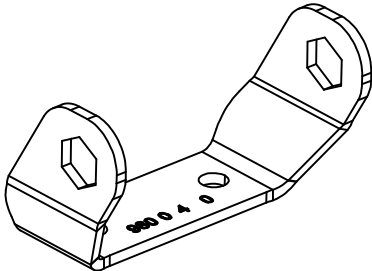
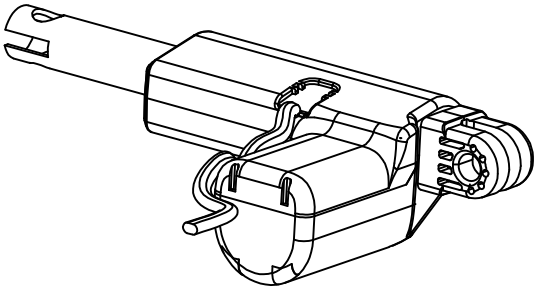
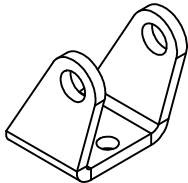
• IF CLICKING NOISE CONTINUES, REQUEST SERVICE.



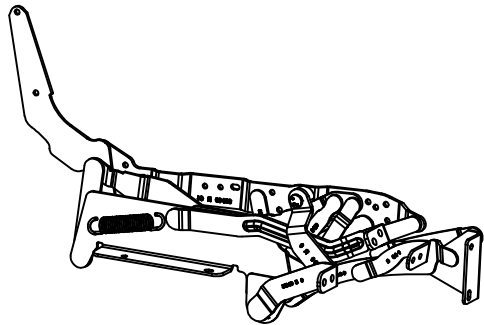
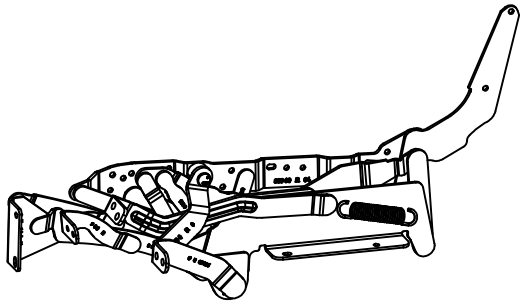
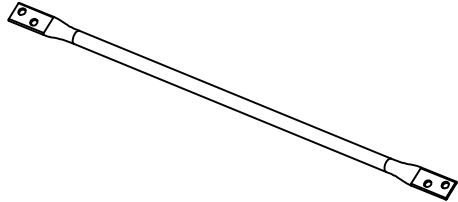
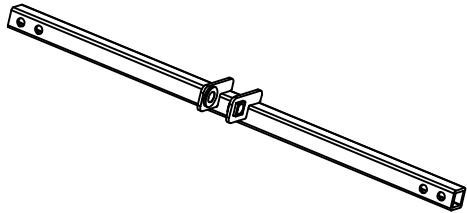
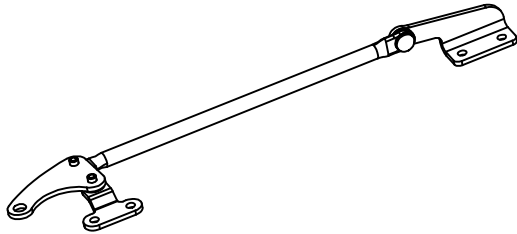
LIST OF PARTS:

ITEM	VIEW OF THE PART	PART NUMBER	DESCRIPTION	QTY PER CHAIR	QTY PER LOVE SEAT	QTY PER SOFA
1		198098	CONTROL BOX-RAFFEL-RIR (V2)	1	2	3
2		198099	SWITCH-2 TOGGLE-RAFFEL-RIR	1	2	2
3		188218	SWITCH-BLACK-AA-A-SERIES M-SERIES	0	0	2
4		187089	BATTERY-4000 MAH-MC169	1	2	3
5		187090	CHARGING-BASE-MC174	1	2	3

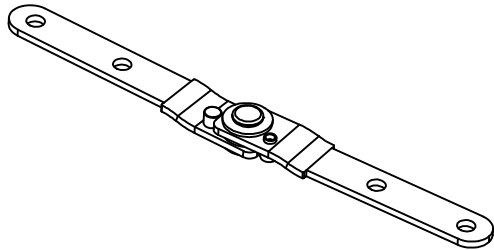
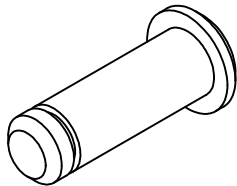
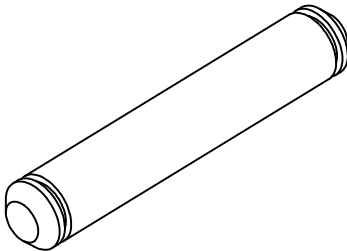

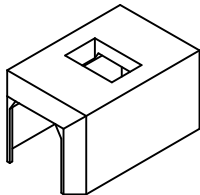
LIST OF PARTS:

ITEM	VIEW OF THE PART	PART NUMBER	DESCRIPTION	QTY PER CHAIR	QTY PER LOVE SEAT	QTY PER SOFA
6		197963	COMFORT ECHO SOFA- BATTERY BRACKET	1	2	3
7		155980	ACTUATOR-MOTION ITALIA	1	2	3
8		155978	MECH-MOTION ITALIA-MOTOR LINKING BRACKET KIT	1	2	3
9		186356	MOTOR-HEADREST-LIMOSS-A SERIES M-SERIES	1	2	3
10		176683	BRACKET-U-MOUNT-A SERIES M-SERIES	1	2	3

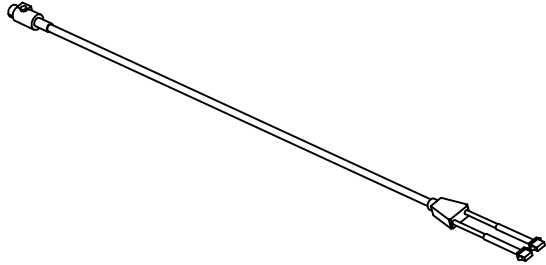
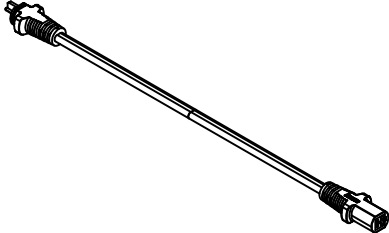
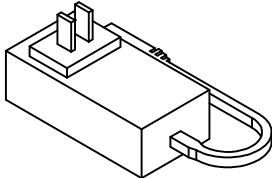
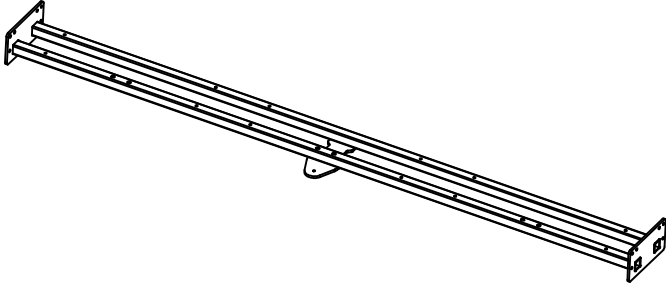
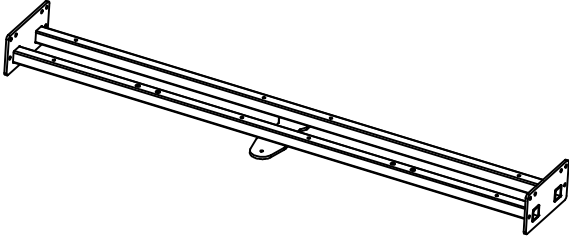
LIST OF PARTS:

ITEM	VIEW OF THE PART	PART NUMBER	DESCRIPTION	QTY PER CHAIR	QTY PER LOVE SEAT	QTY PER SOFA
11		197958	MECH-MOTION ITALIA- MOTORIZED-W.OUT FLIPPER- LEFT HINGE-MOCO09306	1	2	3
12		197959	MECH-MOTION ITALIA- MOTORIZED-W.OUT FLIPPER- RIGHT HINGE-MOCO09307	1	2	3
13		197961	BAR-ROUND-MOTION-ITALIA- SOFA-MOCO2358-565	1	2	3
14		197962	BAR-SQUARE-MOTION-ITALIA- SOFA-MOCO07862-495	1	2	3
15		197960	MECH-HEADREST LINKAGE	1	2	3

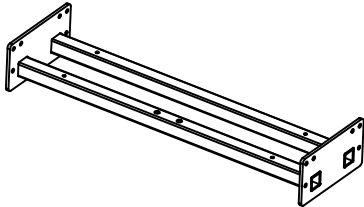
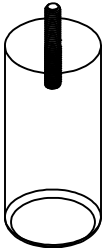
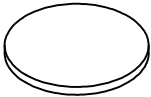

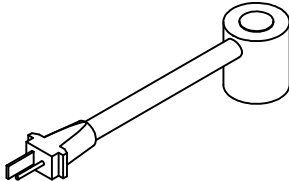
LIST OF PARTS:

ITEM	VIEW OF THE PART	PART NUMBER	DESCRIPTION	QTY PER CHAIR	QTY PER LOVE SEAT	QTY PER SOFA
16		197964	MECH-HEADREST-HINGE-2 TO UNLIMITED DEGREES	2	4	6
17		198220	PIN-RETAINING RING GROOVE-10mm DIA x 25 mm L	1	2	3
18		176685	PIN-U MOUNT-10MM-A SERIES M-SERIES	1	2	3
19		176686	RETAINING CLIP KLM-10MM-A SERIES M-SERIES	3	6	9
20		161353	CABLE-CLIP-400041	3	6	9

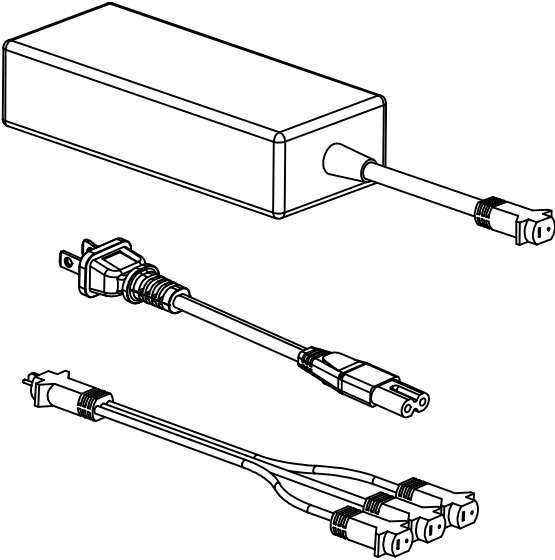
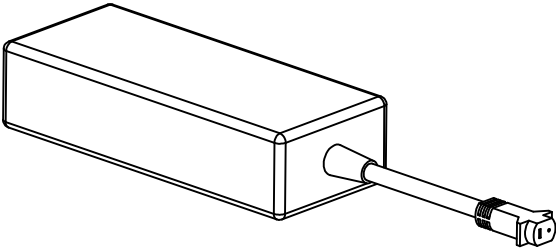
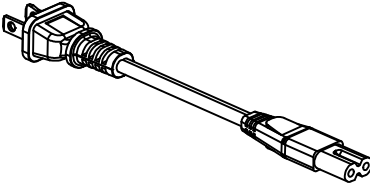
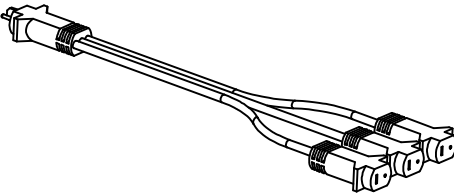
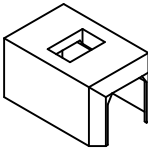
LIST OF PARTS:

ITEM	VIEW OF THE PART	PART NUMBER	DESCRIPTION	QTY PER CHAIR	QTY PER LOVE SEAT	QTY PER SOFA
21		186743	CABLE-Y-ARMLESS-503061-A-SERIES	0	0	1
22		161800	CABLE-EXTENSION POWER CORD-330MM	1	2	3
23		186355	POWER-SUPPLY-LIMOSS-2.0A-UNIVERSAL	1	2	3
24		197957	CHASSIS-COMFORT ECHO-SOFA	0	0	1
25		197956	CHASSIS-COMFORT ECHO-LOVE SEAT	0	1	0

LIST OF PARTS:

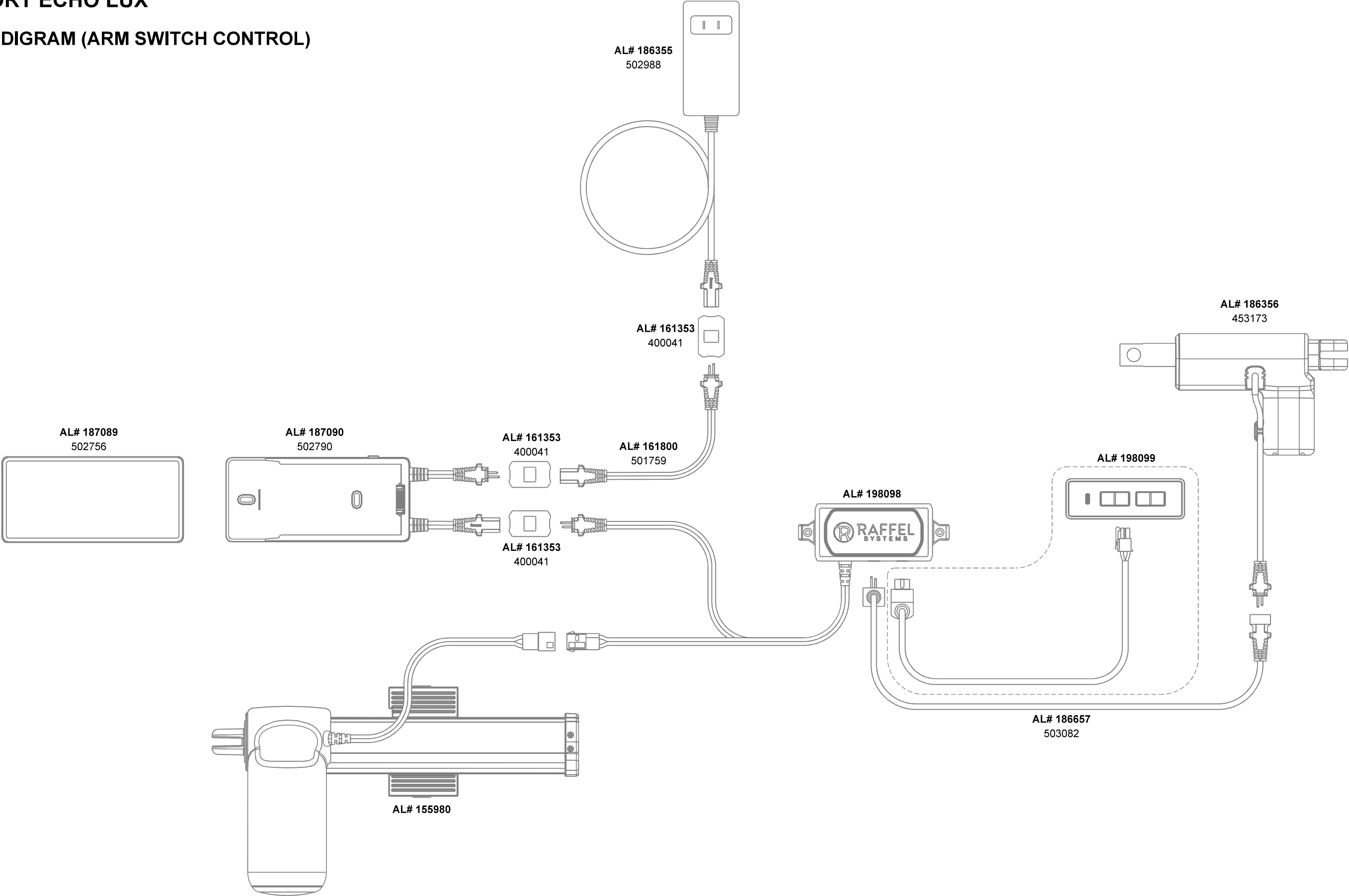
ITEM	VIEW OF THE PART	PART NUMBER	DESCRIPTION	QTY PER CHAIR	QTY PER LOVE SEAT	QTY PER SOFA
26		198379	CHASSIS-COMFORT ECHO-CHAIR	1	0	0
27		197987	LEGS-CLEAR-ACRYLIC-4.5	0	1	1
28		168418	FELT - 1-1/2" OD x 1/8" THK ADHESIVE BEIGE	0	1	1
29		97393	BRACKET-KD/CLIP V2	2	4	6
30		186657	CABLE-CB TO HR-MOTOR-M-SERIES	1	2	3

LIST OF PARTS (OPTIONAL):

ITEM	VIEW OF THE PART	SUB ASSEMBLY PARTS	PART NUMBER	DESCRIPTION	QTY PER SOFA
31			188367	KIT-M-SERIES-POWER DISTRIBUTOR (602629) (OPTIONAL)	1
32			187596	POWER SUPPLY-PWR 3 SEAT-6A-DISTRIBUTOR-M-SERIES	1
33			187598	CABLE-AC-WALL PLUG-DISTRIBUTOR-M-SERIES	1
34			187597	CABLE-DAISY-3 SPLIT-DISTRIBUTOR-M-SERIES	1
35			161353	CABLE CLIP (REQUIRED WITH ABOVE KIT)	1

COMFORT ECHO LUX

WIRING DIGRAM (ARM SWITCH CONTROL)



COMFORT ECHO LUX

WIRING DIGRAM (MIDDLE SEAT WITH TOUCH CONTROL)

