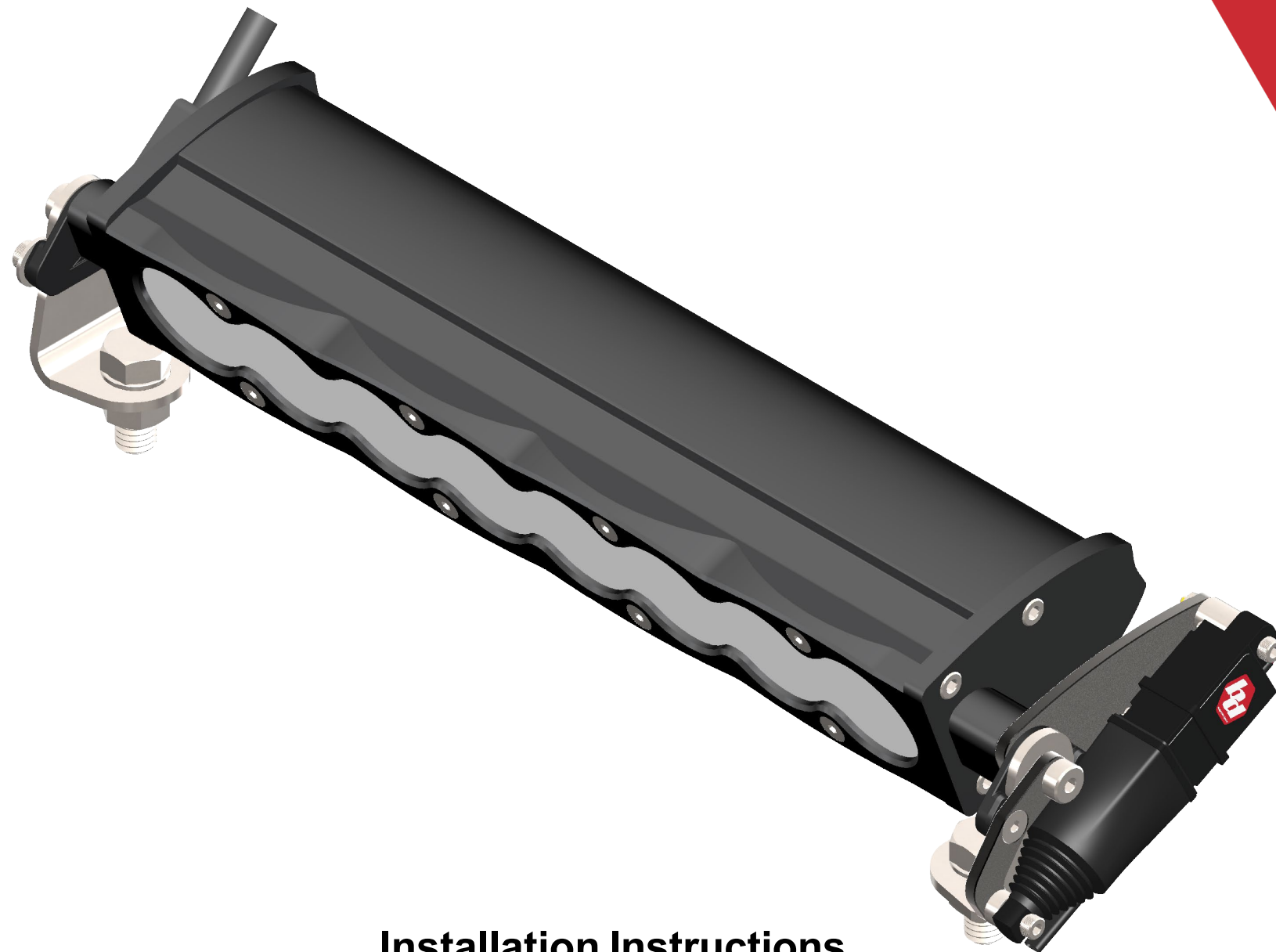
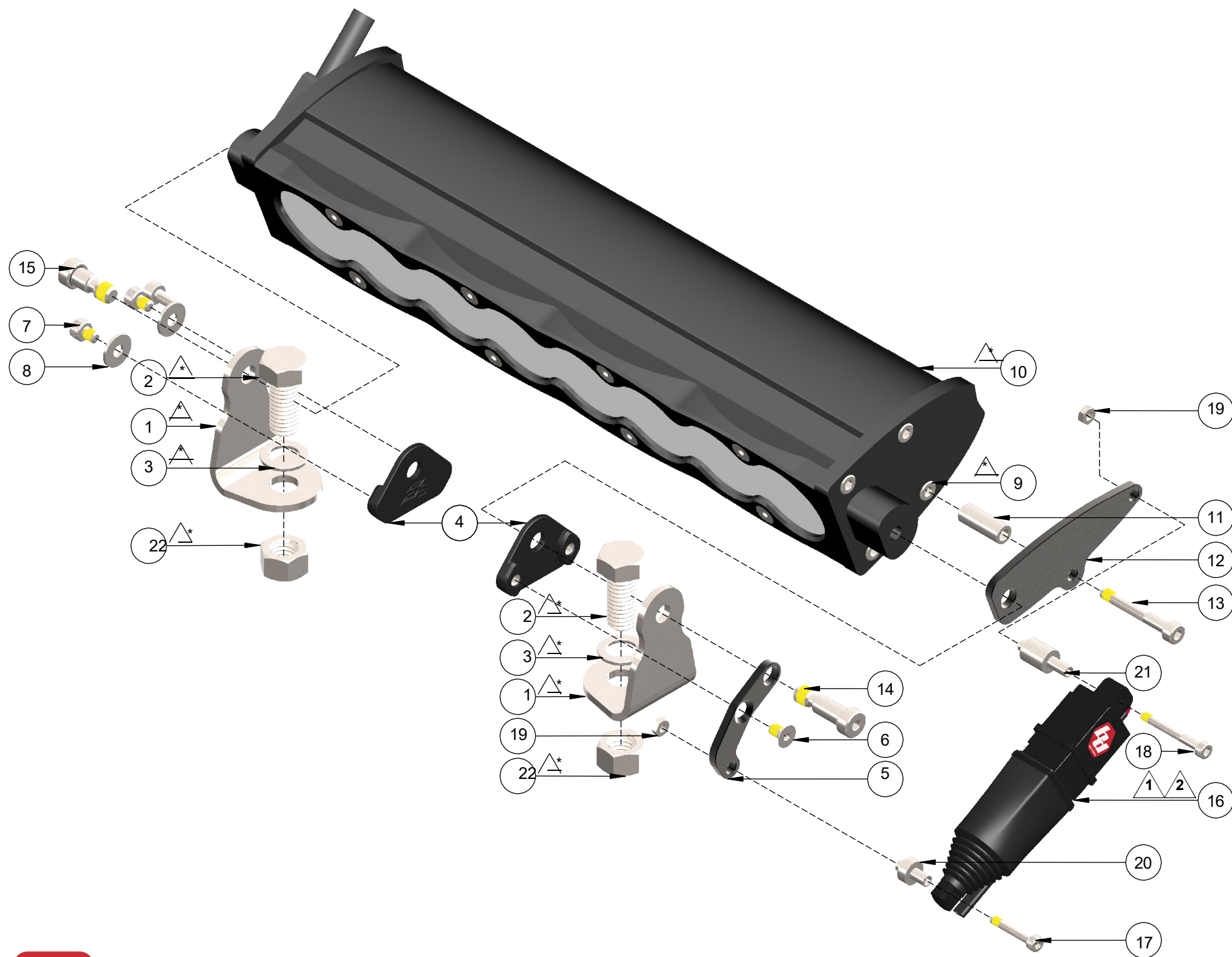




Installation Instructions

S8 Single
10" Length



BILL OF MATERIALS

S8 Single

10" Length

	ITEM NO.	DESCRIPTION	QTY.
STEP 1	1	S8 Bracket	2
	2	3/8"-16 X 7/8" Hex Head Screw	2
	3	3/8" Washer	2
STEP 2	4	Thrust Insert, S8	2
	5	Mount Plate, S8	1
	6	M4 X 7mm Flat Head Cap Screw	1
	7	M4 X 5mm Socket Head Cap Screw	2
	8	M4 Oversized Washer	2
STEP 3	9	M4 X 10mm Socket Head Cap Screw	1
STEP 4	10	S8 Housing	1
	11	M4 Screw Spacer	1
	12	Pivot Plate, S8	1
	13	M4 X 30mm Socket Head Cap Screw	1
STEP 5	14	Ø1/4" X .480" Shoulder Screw	1
	15	Ø1/4" X .240" Shoulder Screw	1
STEP 6	16	12V Actuator	1
	17	M3 X 18mm Socket Head Cap Screw	1
	18	M3 X 26mm Socket Head Cap Screw	1
	19	M3 Nut	2
	20	M3 Screw Spacer, Shoulder Type 1, 3mm L	1
	21	M3 Screw Spacer, Shoulder Type 2, 10mm L	1
STEP 7	22	3/8"-16 Nut	2

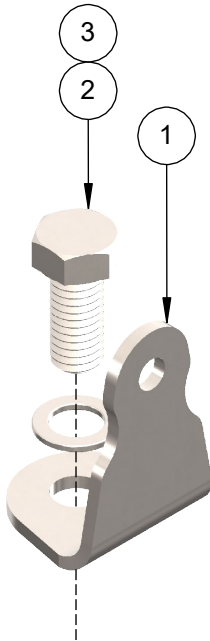
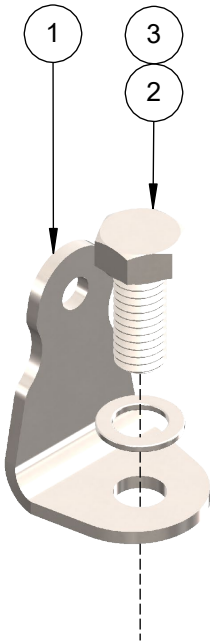
NOTES:

- 1.** Actuator cannot be moved manually.
Forcing the actuator up or down will damage the actuator and void the limited lifetime warranty
- 2.** Actuators can be synced when used in multiples.
Move actuator fully down or fully up to home and resync.
- *** This item not included in kit.

TOOLS NEEDED

- 2.5mm HEX WRENCH
- 3mm HEX WRENCH
- 5.5mm WRENCH
- 9/16" WRENCH (2X)

	ITEM NO.	DESCRIPTION	QTY.
STEP 1	1	S8 Bracket	2
	2	3/8"-16 X 7/8" Hex Head Screw	2
	3	3/8" Washer	2

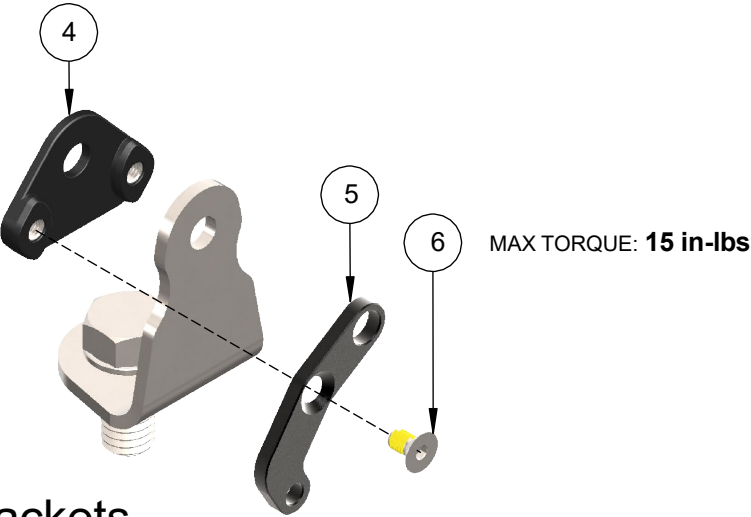
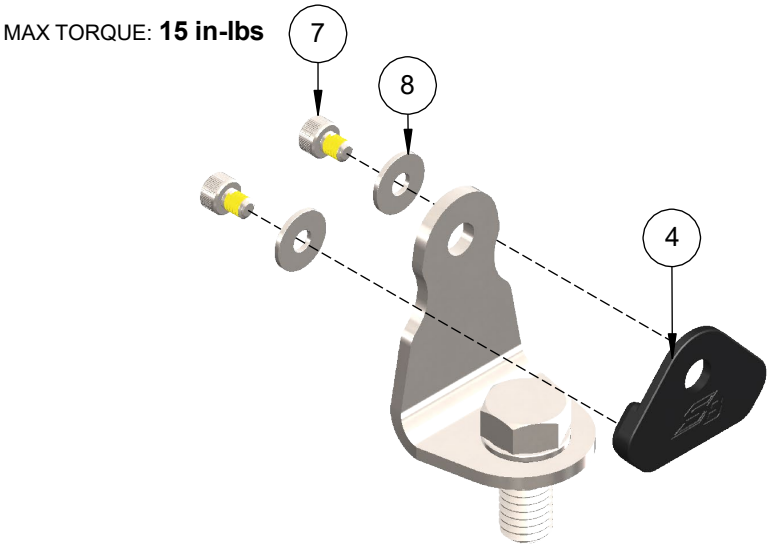


Step 1
Install bolts to brackets

ITEMS: 1 2 3



	ITEM NO.	DESCRIPTION	QTY.
STEP 2	4	Thrust Insert, S8	2
	5	Mount Plate, S8	1
	6	M4 X 7mm Flat Head Cap Screw	1
	7	M4 X 5mm Socket Head Cap Screw	2
	8	M4 Oversized Washer	2



Step 2
Install thrust inserts + mount plate to brackets

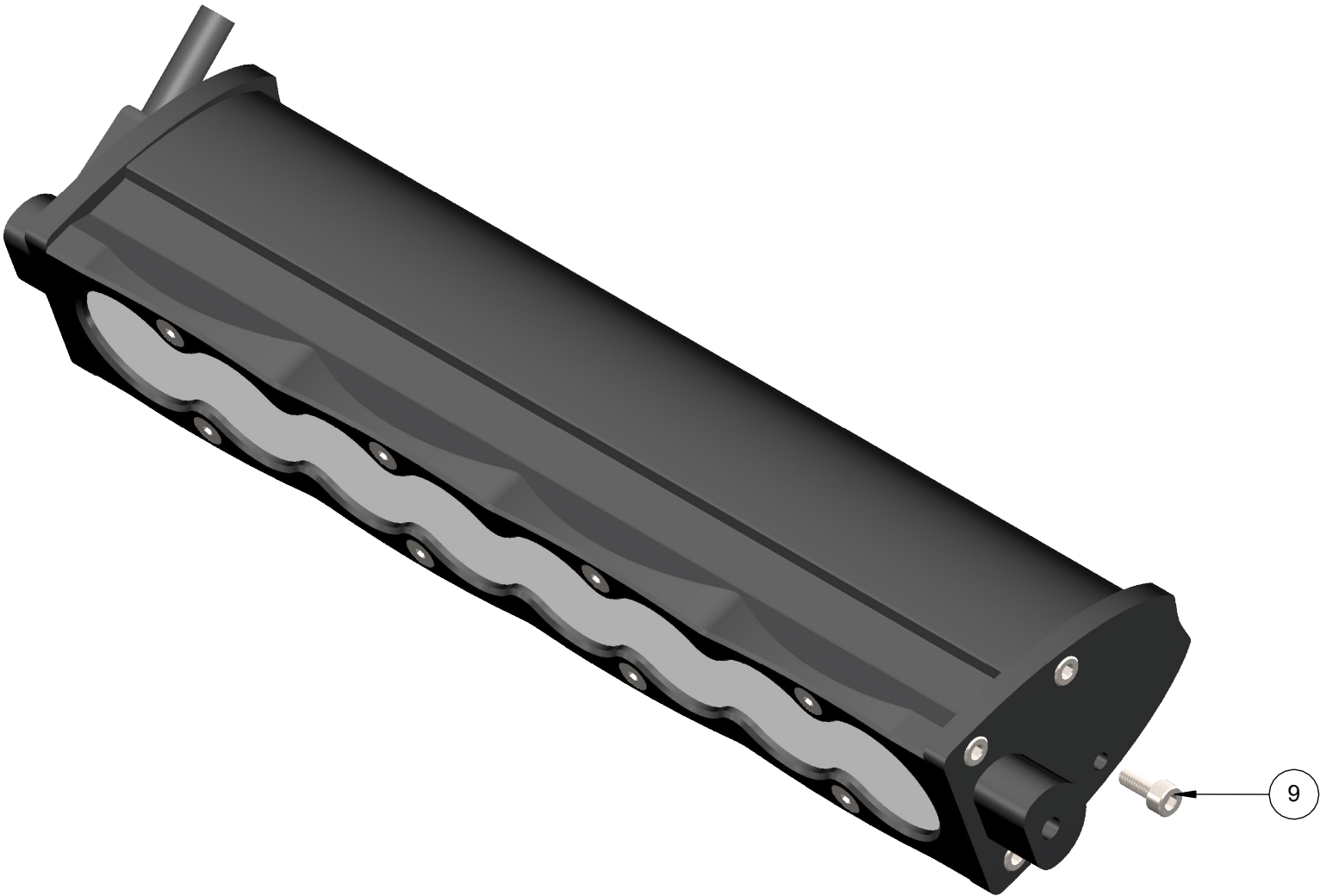
ITEMS: 4 5 6 7 8

TOOLS NEEDED: • 2.5mm HEX WRENCH • 3mm HEX WRENCH



For left side actuator installation.
Install opposite side for right side actuator installation

	ITEM NO.	DESCRIPTION	QTY.
STEP 3	9	M4 X 10mm Socket Head Cap Screw	1



Step 3
Remove lower rear screw from housing

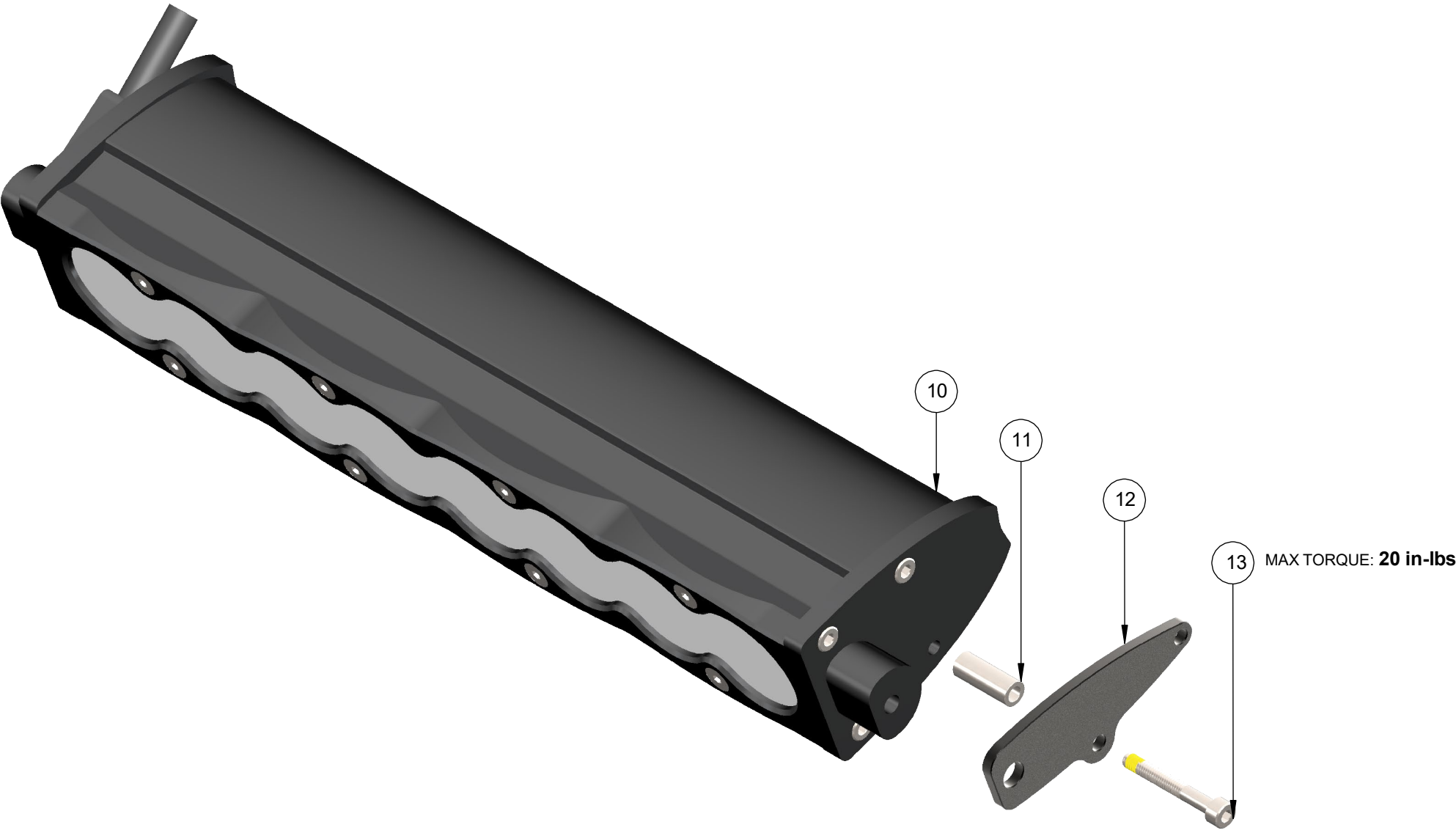
ITEMS: 9

TOOLS NEEDED: • 3mm HEX WRENCH



For left side actuator installation.
Install opposite side for right side actuator installation

	ITEM NO.	DESCRIPTION	QTY.
STEP 4	10	S8 Housing	1
	11	M4 Screw Spacer	1
	12	Pivot Plate, S8	1
	13	M4 X 30mm Socket Head Cap Screw	1



Step 4
Install pivot plate to housing

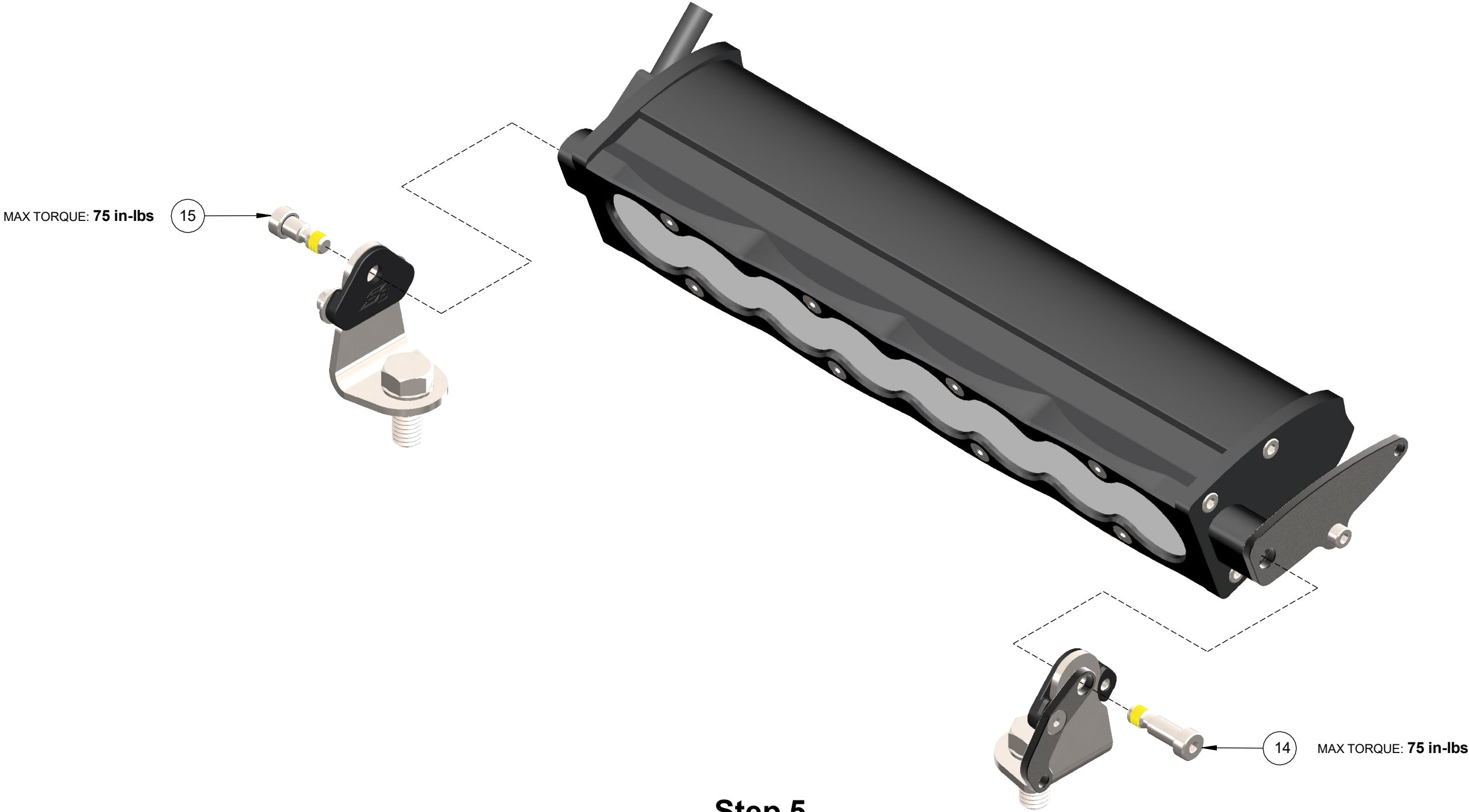
ITEMS: 10 11 12 13

TOOLS NEEDED: • 3mm HEX WRENCH



For left side actuator installation.
Install opposite side for right side actuator installation

	ITEM NO.	DESCRIPTION	QTY.
STEP 5	14	Ø1/4" X .480" Shoulder Screw	1
	15	Ø1/4" X .240" Shoulder Screw	1



Step 5
Install shoulder screws through brackets to housing

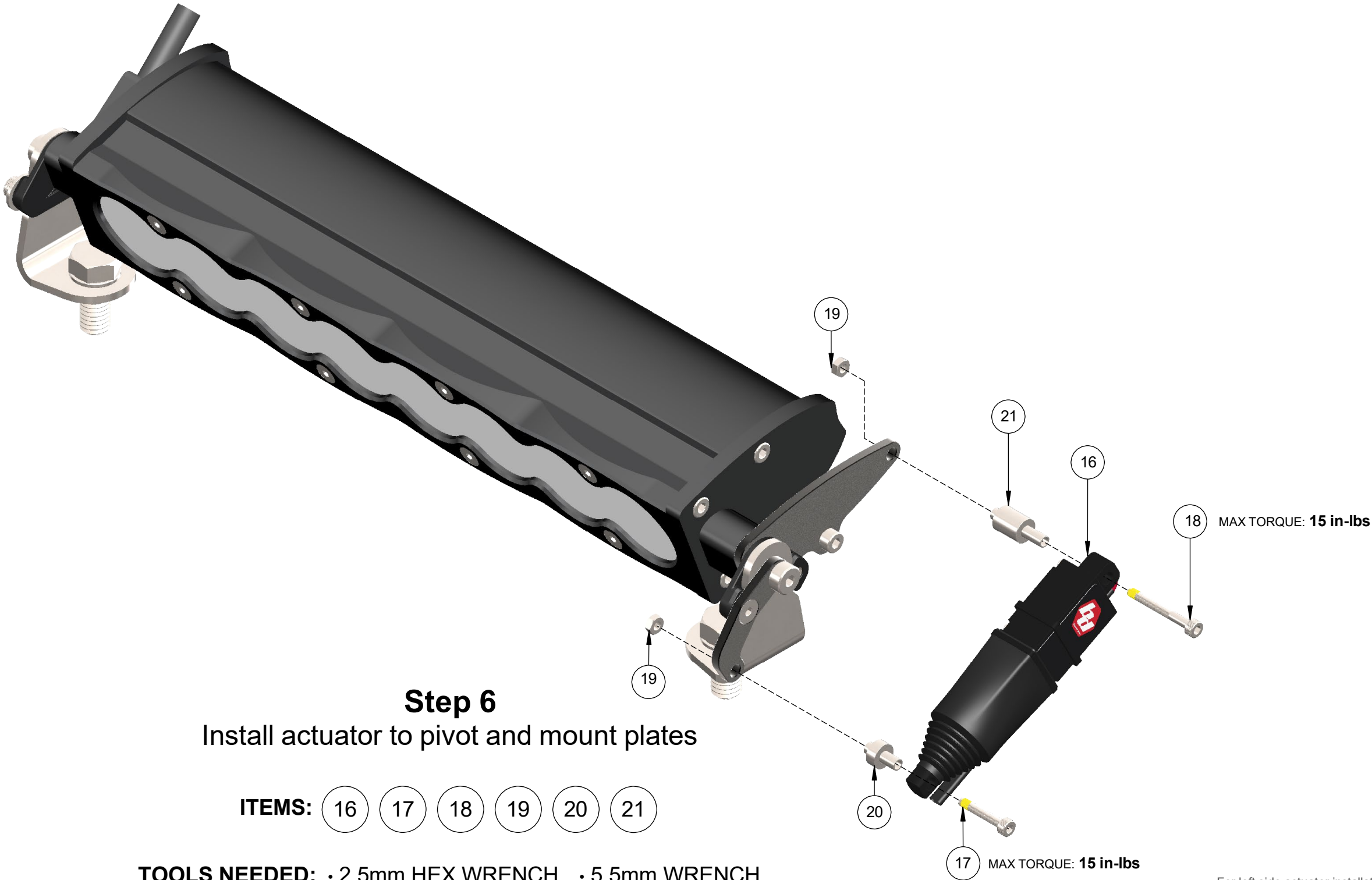
ITEMS: (14) (15)

TOOLS NEEDED: • 3mm HEX WRENCH



For left side actuator installation.
Install opposite side for right side actuator installation

	ITEM NO.	DESCRIPTION	QTY.
STEP 6	16	12V Actuator	1
	17	M3 X 18mm Socket Head Cap Screw	1
	18	M3 X 26mm Socket Head Cap Screw	1
	19	M3 Nut	2
	20	M3 Screw Spacer, Shoulder Type 1, 3mm L	1
	21	M3 Screw Spacer, Shoulder Type 2, 10mm L	1



For left side actuator installation.
Install opposite side for right side actuator installation

	ITEM NO.	DESCRIPTION	QTY.
STEP 7	22	3/8"-16 Nut	2

MAX TORQUE: 200 in-lbs

22



Step 7
Attach to vehicle

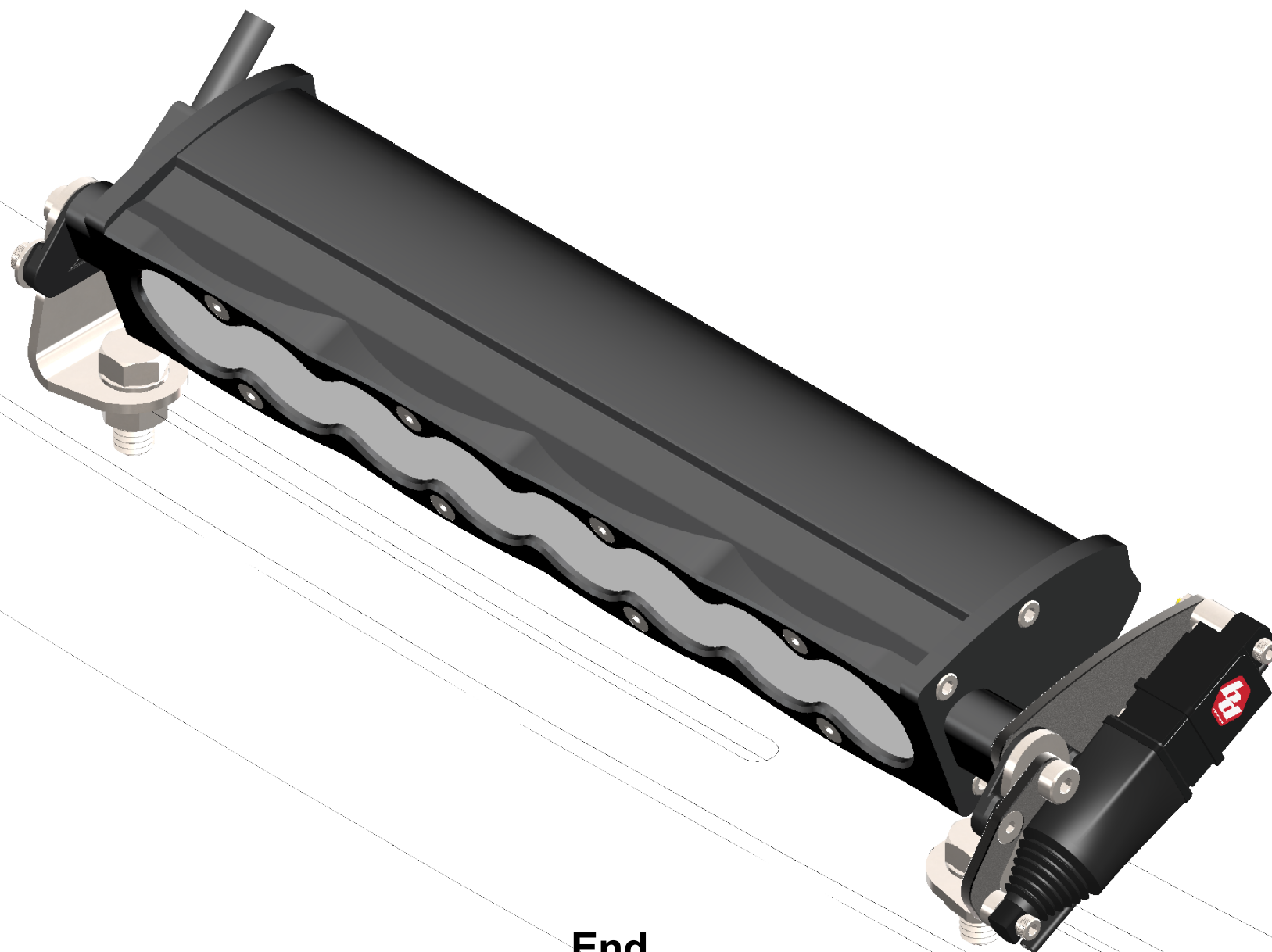
ITEMS: 22

TOOLS NEEDED: • 9/16" WRENCH (2X)

22

MAX TORQUE: 200 in-lbs





End
Installation Complete

