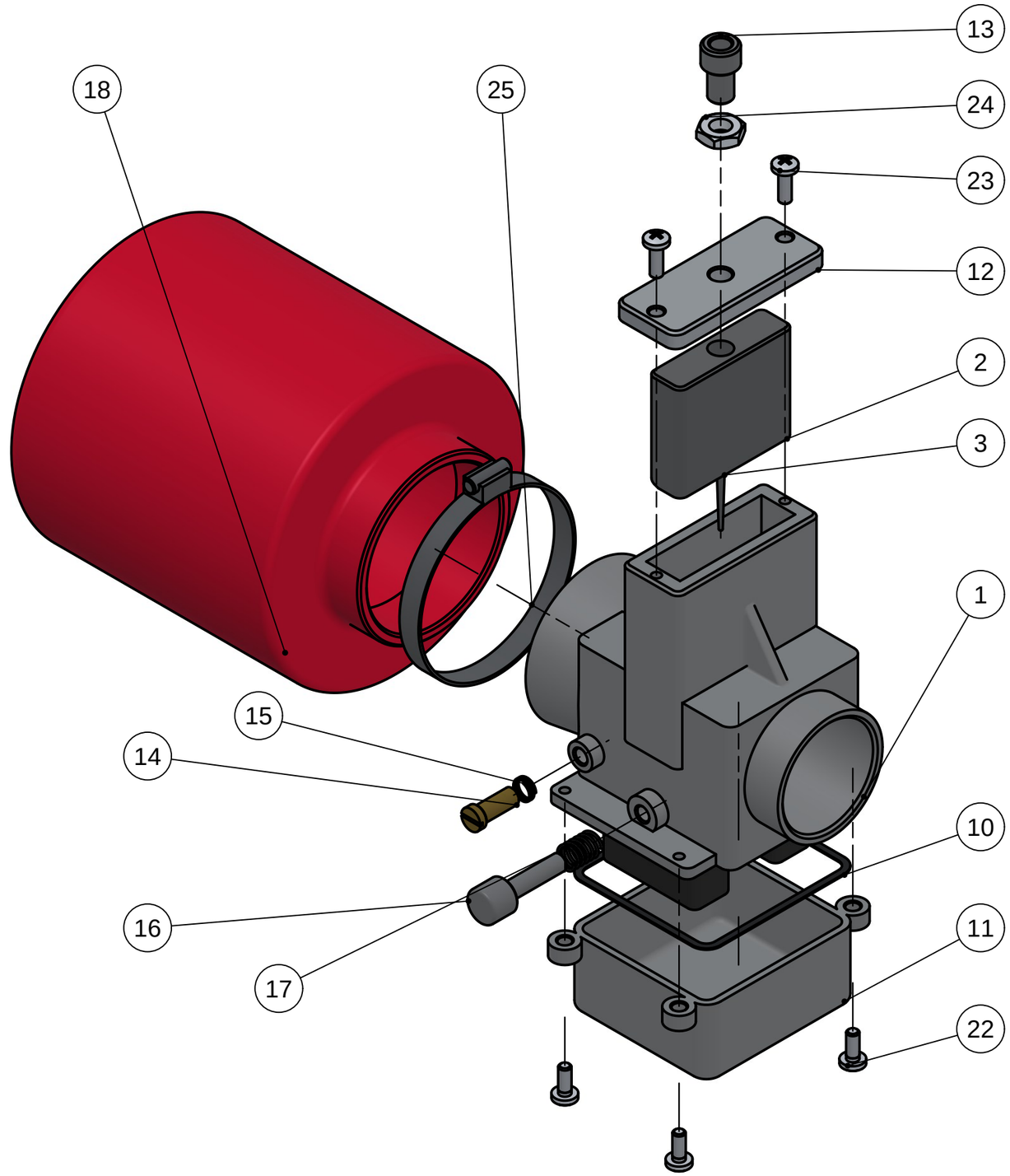


ITEM	PART NUMBER	DESCRIPTION	MATERIAL	QTY
25	Filter Clamp	Worm-drive hose clamp 64...	Stainless Steel...	1
24	Jam nut ISO 4035	Jam nut ISO 4035, M8x1, ...	Zinc-plated steel	1
23	Pan head Phillips sc...	Pan head Phillips screw IS...	Zinc-plated steel	2
22	Pan head Phillips sc...	Pan head Phillips screw IS...	Zinc-plated steel	4
21	Float Valve Needle	Float valve needle (Viton-ti...	Stainless Steel...	1
20	Carb Float Right	Float (one of two independ...	Nylon PA6	1
19	Carb Float Left	Float (one of two independ...	Nylon PA6	1
18	Air Filter	Foam air filter pod on the c...	Balsa	1
17	Idle Screw Spring	Idle (throttle stop) screw sp...	Spring Steel (...	1
16	Idle Screw	Throttle stop (idle) screw w...	Steel 1018	1
15	Air Screw Spring	Air screw spring	Spring Steel (...	1
14	Air Screw	Air screw (pilot air), M6	Brass C360	1
13	Cable Adjuster	Throttle cable adjuster M8x...	Steel 1018	1
12	Top Cap	Top cap with the throttle ca...	Aluminum 606...	1
11	Float Bowl	38 mm float bowl, four M4 ...	Cast Aluminum...	1
10	Bowl Gasket	Float bowl gasket	Chloroprene (...	1
9	Float Pin	Float pin 2 x 38	Stainless Steel...	1
8	Float Valve Seat	Float valve seat, M6, 1.5 or...	Brass C360	1
7	Pilot Jet	Pilot jet #25, M5	Brass C360	1
6	Main Jet	Hex main jet #400 (2.0), M6	Brass C360	1
5	Needle Jet	Needle jet 6.5 x 2.8	Brass C360	1
4	Needle Clip	Jet needle E-clip	Spring Steel (...	1
3	Jet Needle	Jet needle, 2.5 shank, clip i...	Stainless Steel...	1
2	Throttle Slide	38 mm flat throttle slide, #2...	Stainless Steel...	1
1	Carb Body	38 mm flat-slide carburetor...	Cast Aluminum...	1

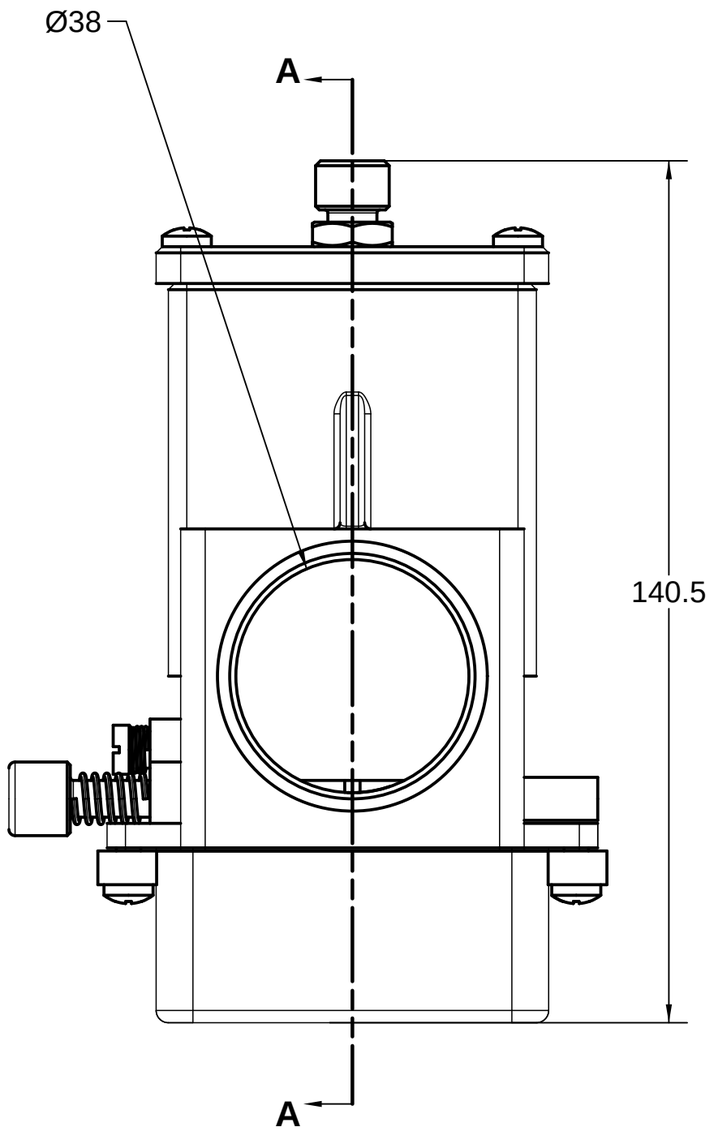
SERVICE EXPLODED VIEW. ITEMS 4 TO 9 AND 19 TO 21 ARE INSIDE THE BODY: SEE SECTION A-A, SHEET 2.

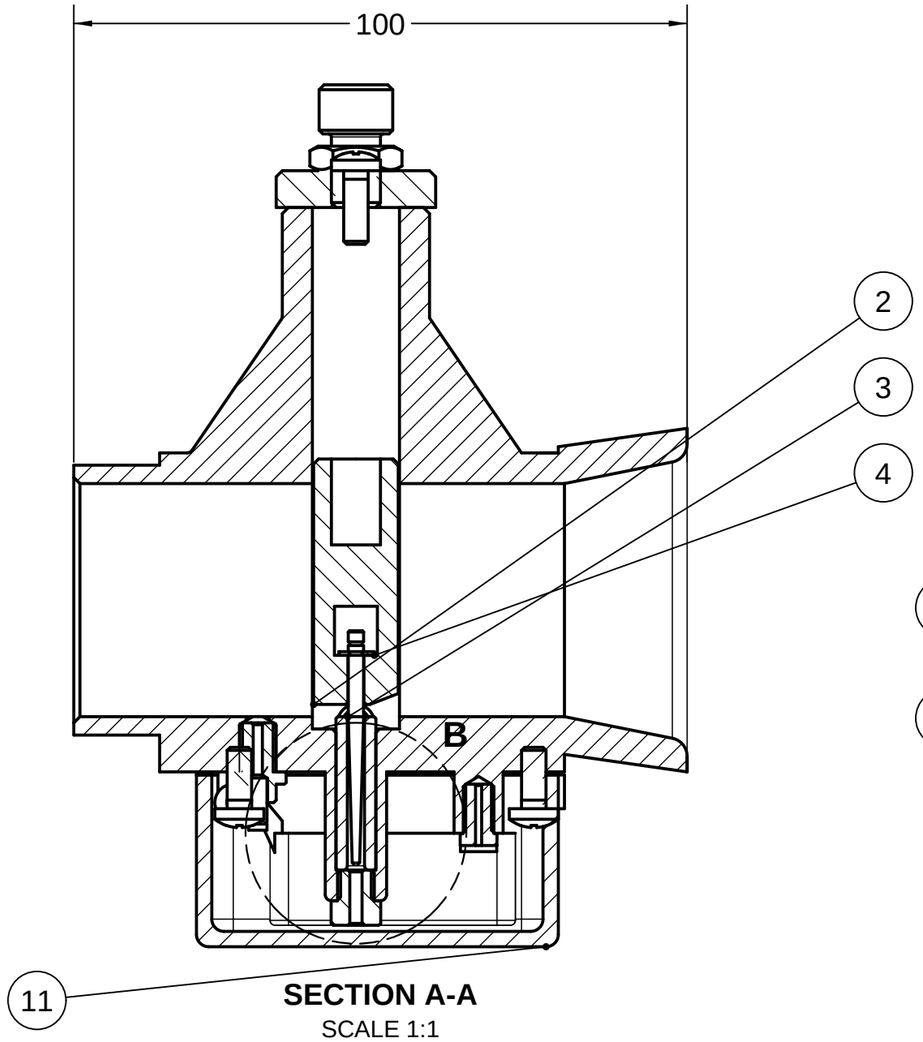
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS

TITLE	COMPANY
CARBURETOR ASSEMBLY	**SHIFTER KART PROJECT**

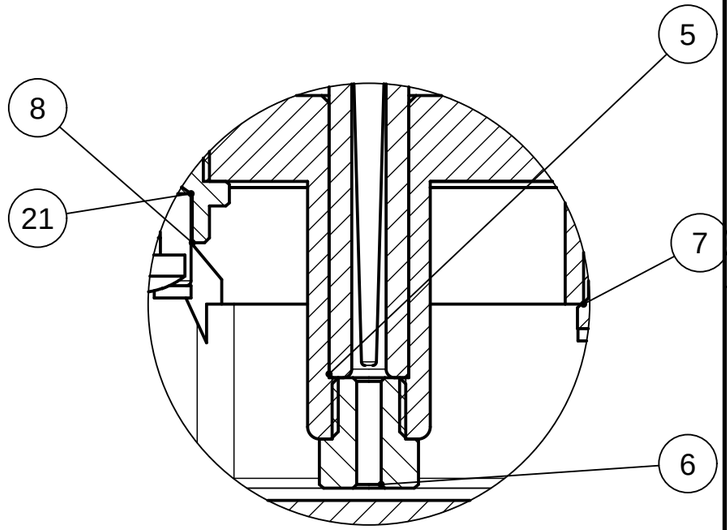
DWG NO.	REV	SIZE	DATE	DRAWN
KZ125-FUEL-200	A	A3	2026-11-02	LETA ASSIST

MATERIAL	SCALE	SHEET	THIRD ANGLE	CHECKED
-	1:1.5	1 OF 2		





SECTION A-A
SCALE 1:1



DETAIL B
SCALE 2:1

JETTING, SEA LEVEL AT 15 C:
MAIN JET #400, PILOT JET #25
NEEDLE CLIP IN 3RD GROOVE
FLOAT HEIGHT 21 +/- 0.5
AIR SCREW 1.5 TURNS OUT

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS

TITLE			COMPANY	
CARBURETOR ASSEMBLY			**SHIFTER KART PROJECT**	
DWG NO.	REV	SIZE	DATE	DRAWN
KZ125-FUEL-200	A	A3	2026-11-02	LETA ASSIST
MATERIAL	SCALE	SHEET	THIRD ANGLE	CHECKED
-	1:1	2 OF 2		