

# SCSA TSP X CHASSIS

# LITHGOW LA102



**SAFETY WARNING:** Before commencing any work or modifications on your rifle, make sure your rifle is **UNLOADED**. Before starting with the assembly procedure of this product, **REMOVE** the BOLT and MAGAZINE from the rifle.

## ASSEMBLING YOUR SCSA TSP X CHASSIS

### **Step 1: Remove the action from the current stock/chassis**

1. Loosen and remove the action screws holding the action
2. Pull the action away
3. Remove the recoil lug, and remove the forward magazine release assembly, leaving the locating pin (fig 2 pg. 2)

### **Step 2: Install the receiver/action to the chassis inlet**

1. Insert the recoil lug into the cavity, noting the orientation, clamp into position (fig 1 pg. 2)
2. Invert receiver/action and align TSP X chassis inlet above it
3. Without tightening, insert forward receiver/action screw, confirm alignment again, then insert rear receiver/ action screw
4. Tighten screws to the specified torque values of your rifle, beginning with the forward screw, and alternating between it and the rear in increments

### **Step 3: Install trigger guard and front adapter**

1. Slot trigger guard into the inlet ensuring the trigger guard is homed towards the buttstock. Secure with provided screws.
2. Attach forward adapter with the provided screws.
3. Before moving onto the next step, test the magazine fitment into the chassis. The trigger guard is designed to adjust to cater for the AICS magazine.

### **Step 4: Install buttstock and forend**

1. Secure butt stock to chassis inlet with the provided screw
2. Secure forend to chassis inlet with the provided screws

### **NOTE - AICS Magazine Compatibility and Tuning**

We recommend the Accuracy International AICS Steel Magazines. Due to the manufacturing tolerances in the production of the AICS magazines there may be a need to fine tune the feed lips of the steel models.

Want to show off your rifle or have a question? Head on over to our Facebook, Instagram or email us at [info@scsa-au.com](mailto:info@scsa-au.com)



### **WHAT'S IN THE BOX?**

- SCSA TSP X Chassis - Buttstock, Chassis Inlet, Forend, Trigger Guard and Forward Magazine Adapter - requires assembly
- Chassis Fasteners
- 3 \* Spacers for extra LOP
- 1 \* A2 grip with fastener
- Instruction manual - 02-23/08/2019

### **TOOLS REQUIRED**

- 6mm hex key (wrench)
- 5mm hex key (wrench) Metric Threaded Actions
- 3 / 16" hex key (wrench) SAE Threaded Actions
- 4mm hex key (wrench)
- 3mm hex key (wrench)
- 2.5mm hex key (wrench)
- Torque wrench up to 30 N.m (265 in.lb)
- Loctite® 243-Blue medium strength or equivalent

### **ADJUST TO SUIT YOUR NEEDS**

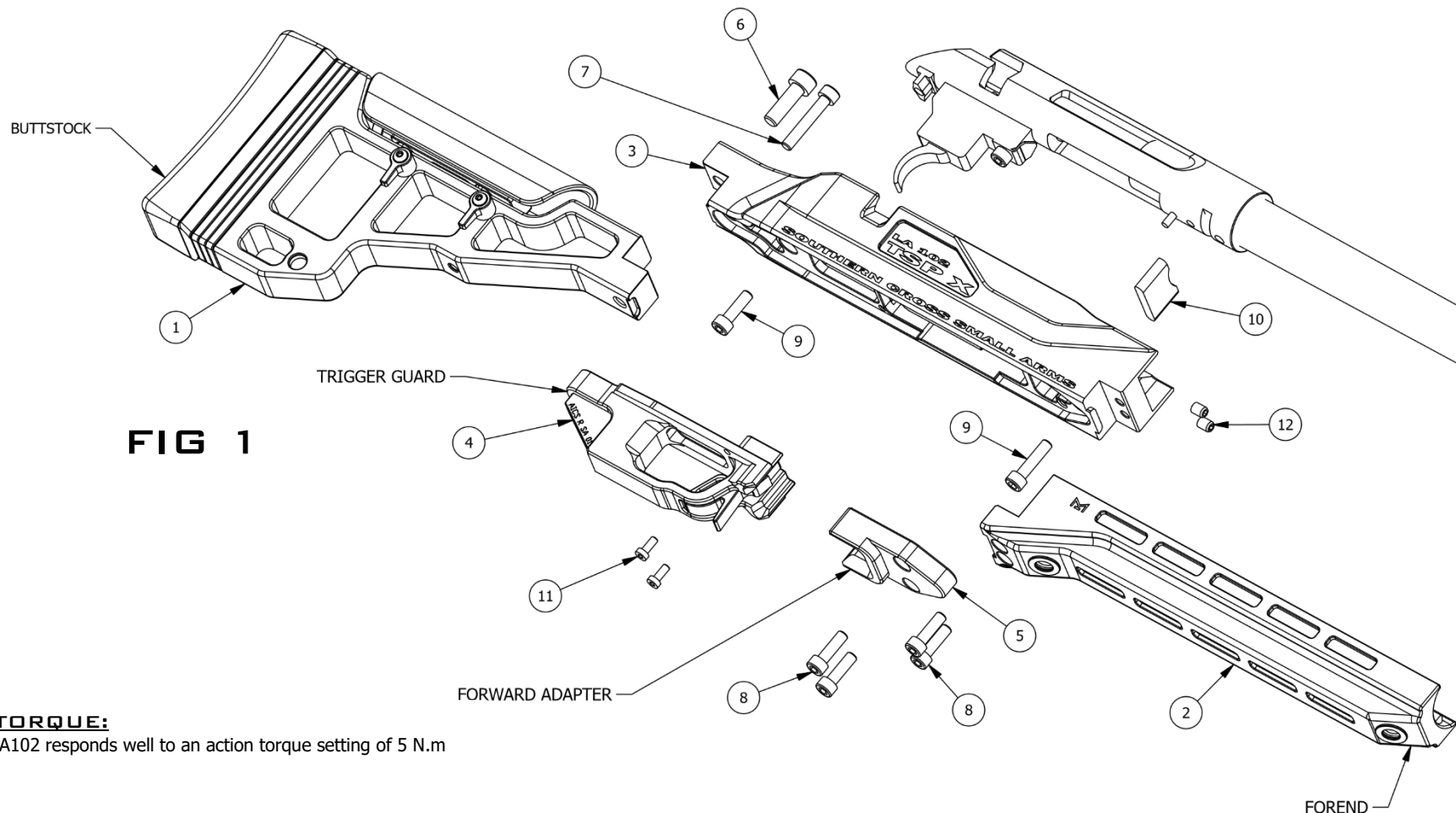
#### **Cheek rest zero return**

1. Loosen cheek riser levers, and detach cheek rest assembly
2. Slide O-rings down to their lowest position
3. Shoulder the rifle, carefully pushing down the cheek rest assembly to your desired position
4. Tighten and index cheek riser levers

#### **Cheek rest yaw adjustment**

1. Loosen cheek riser levers, and detach cheek rest assembly
2. Loosen screws (Item 4 Fig 4 pg. 3)
3. Adjust yaw up to 7 degrees in either direction
4. Tighten screws to secure adjustment



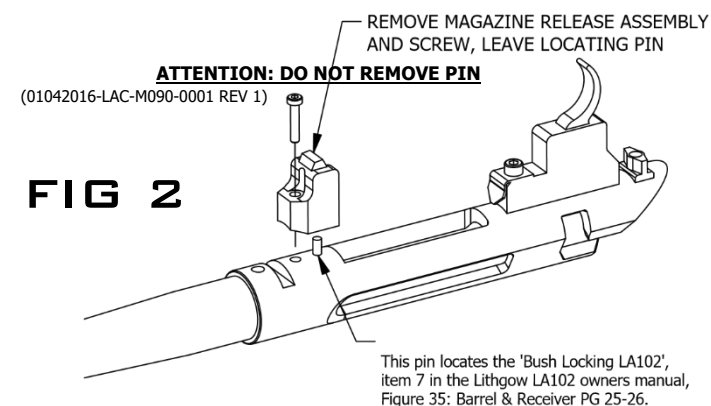


**FIG 1**

**ACTION TORQUE:**

The Lithgow LA102 responds well to an action torque setting of 5 N.m (44.25 in.lb).

FIG 1 - TSP X CHASSIS				
ITEM	QTY	TORQUE	PART ID	DESCRIPTION
1	1	-	BS00	BUTTSTOCK ASSEMBLY
2	1	-	FE00	FOREND ASSEMBLY
3	1	-	IL03	CHASSIS INLET
4	1	-	TG01	TRIGGER GUARD SA AICS
5	1	-	FA01	FORWARD SA AICS ADAPTER
6	1	22N.m / 194.7in.lb	M8 x 25mm SHCS	BUTTSTOCK SCREW
7	1	11N.m / 97.35in.lb	M6 x 35mm SHCS	TRIGGER GUARD SCREW
8	4	16.5N.m / 146in.lb	M6 x 20mm SHCS	FORWARD ADAPTER / FOREND SCREWS
9	2	See Action Torque	M6 x 25mm / M6 x 20mm SHCS	ACTION SCREWS
10	1	-	RECOIL LUG	LA102 RECOIL LUG
11	2	1.7N.m / 15in.lb	M4 x 10mm LOW HEAD SHCS	TRIGGER GUARD SUPPORT SCREWS
12	2	5N.m / 44.25in.lb	M6 X 16mm SET SCREW	RECOIL LUG CLAMPING SET SCREW



**FIG 2**

FIG 3 - BUTTSTOCK ASSEMBLY			
ITEM	QTY	PART ID	DESCRIPTION
1	1	BS00	BUTTSTOCK FRAME
2	1	TSP X CHEEK PIECE	CHEEK PIECE
3	5	SPACER	0-25MM ADJUSTMENT, 5MM INCREMENTS
4	1	RECOIL PAD	MOLDED RUBBER RECOIL PAD
5	2	CHEEK RISER LEVER	INDEXABLE CHEEK RISER LOCKING SCREWS
6	2	M5 X 40mm SHCS	RECOIL PAD SCREWS
7	2	CHEEK RISER O-RING	CHEEK REST ZERO RETURN O-RINGS

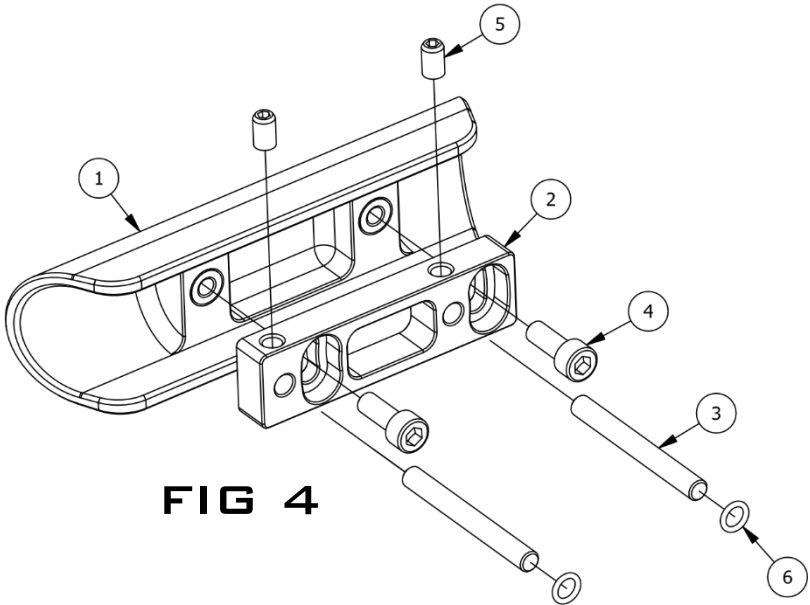


FIG 4 - CHEEK REST ASSEMBLY			
ITEM	QTY	PART ID	DESCRIPTION
1	1	TSP X CHEEK PIECE	PLASTIC MOLDED CHEEK REST
2	1	TSP X CHEEK BASE	CHEEK REST MOUNTING BRACKET
3	2	CHEEK RISER RODS	RISER RODS
4	2	M6 x 12mm SHCS	CHEEK REST SCREWS
5	2	M6 x 8mm SET SCREWS	RISER ROD SET SCREWS
6	2	CHEEK RISER O-RINGS	CHEEK REST ZERO RETURN O-RINGS

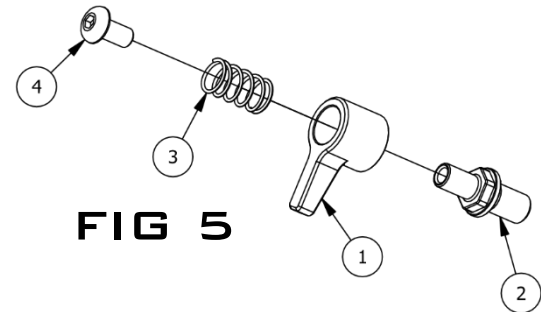
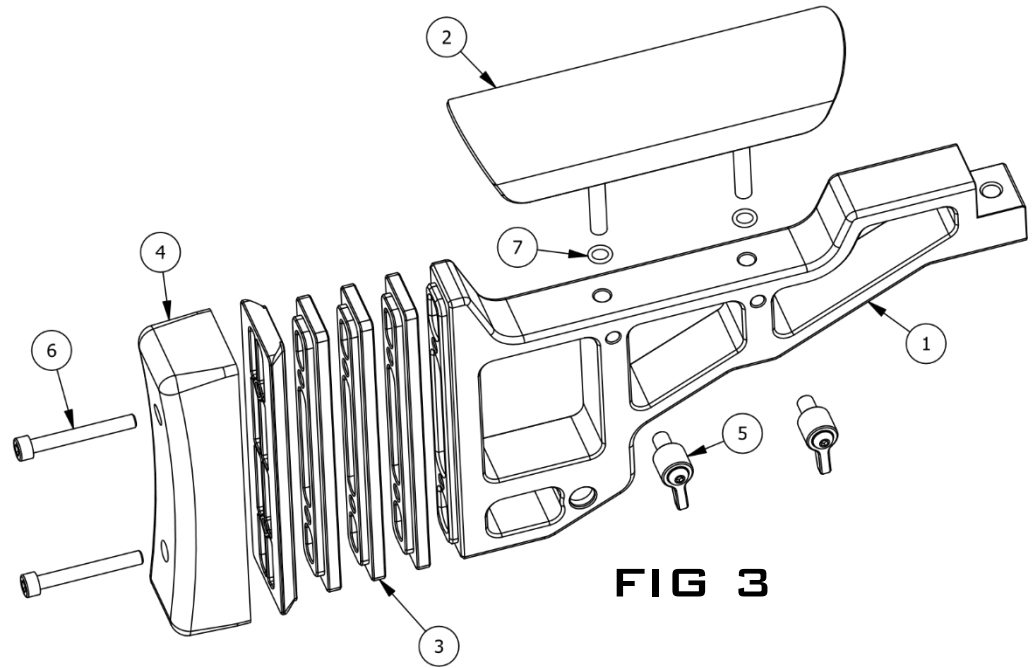


FIG 5 - CHEEK RISER LEVER			
ITEM	QTY	PART ID	DESCRIPTION
1	1	CHEEK RISER LEVER	RISER LEVER
2	1	INDEXABLE BOLT M6 x 12mm	RISER LEVER BOLT
3	1	CHEEK LEVER SPRING	RISER LEVER SPRING
4	1	DOMED HEAD M4 x 8mm	DOMED HEAD LEVER SCREW

FIG 6 - FOREND ASSEMBLY			
ITEM	QTY	PART ID	DESCRIPTION
1	1	FE00	TSP X FOREND
2	1	QD CUP	QUICK DETACH CUP

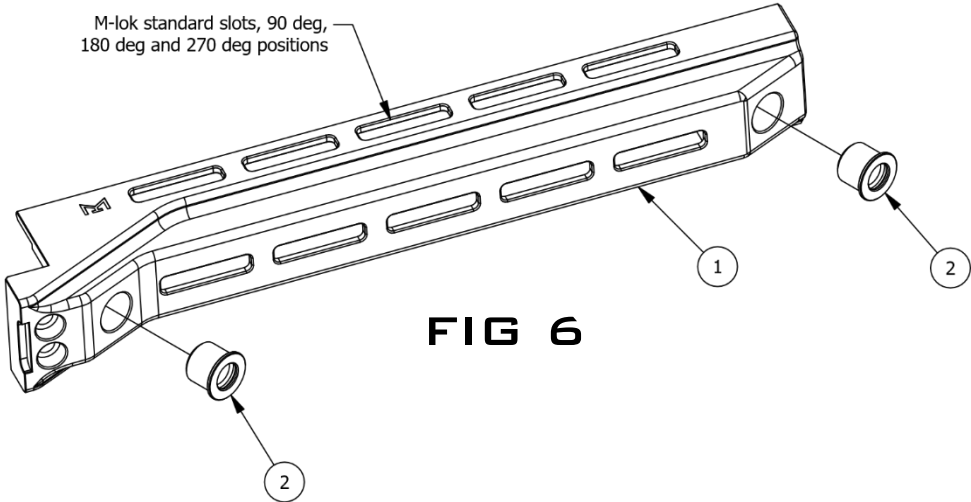


FIG 6

FIG 7 - TRIGGER GUARD ASSEMBLY			
ITEM	QTY	PART ID	DESCRIPTION
1	1	TG01	TRIGGER GUARD
2	1	AICS SA MAG RELEASE	SHORT ACTION MAGAZINE RELEASE
3	1	MAG RELEASE PIN	MAGAZINE RELEASE THREADED PIN
4	1	MAG RELEASE SPRING	MAGAZINE RELEASE SPRING

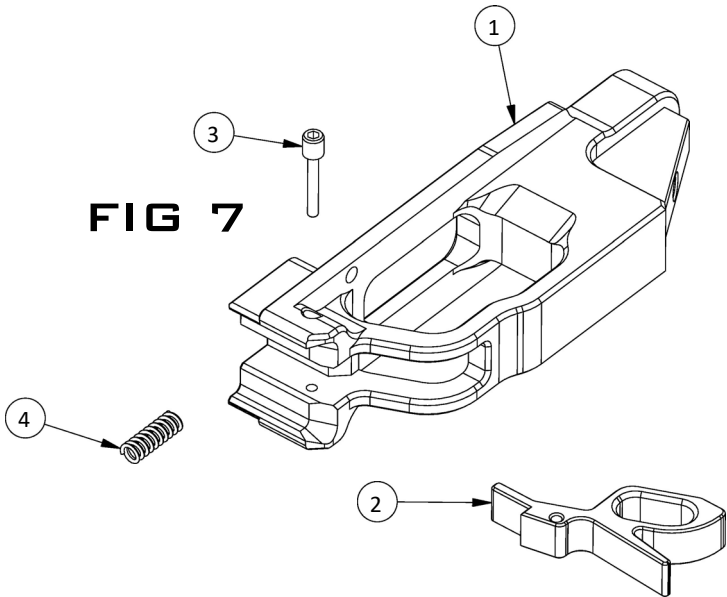


FIG 7

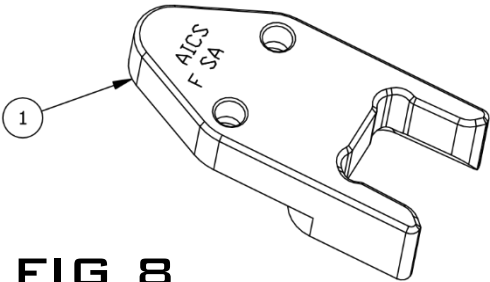
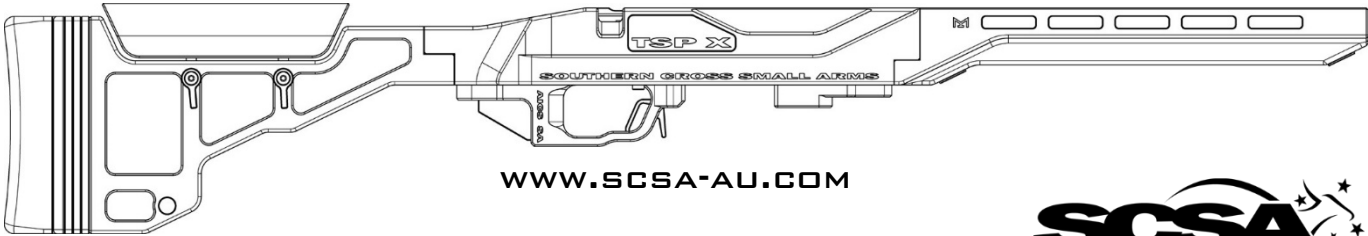


FIG 8

FIG 8 - FRONT ADAPTER			
ITEM	QTY	PART ID	DESCRIPTION
1	1	FA01	FRONT AICS ADAPTER



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