

# SCN65/SCN66 Trigger Mode Conversion Instructions (Smart Trigger to Single Sequential Fire) with conversion kit #105769



## AIR SUPPLY AND CONNECTIONS

The connector on the tool must not hold pressure when air supply is disconnected. If a wrong fitting is used, the tool can remain charged with air after disconnecting and thus will be able to drive a fastener even after the air line is disconnected, possibly causing injury.

Do not pull trigger or depress contact arm while connected to the air supply as the tool may cycle, possibly causing injury.

Always disconnect air supply: 1.) Before making adjustments; 2.) When servicing the tool; 3.) When clearing a jam; 4.) When tool is not in use; 5.) When moving to a different work area, as accidental actuation may occur, possibly causing injury.

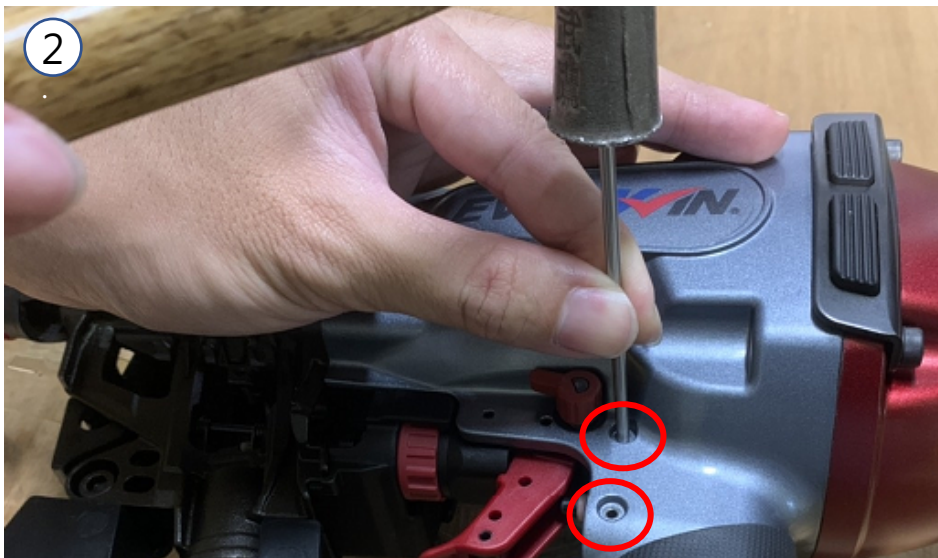
## MAINTAINING THE TOOL

When working on air tools, note the warnings in this manual and use extra care when evaluating problem tools.

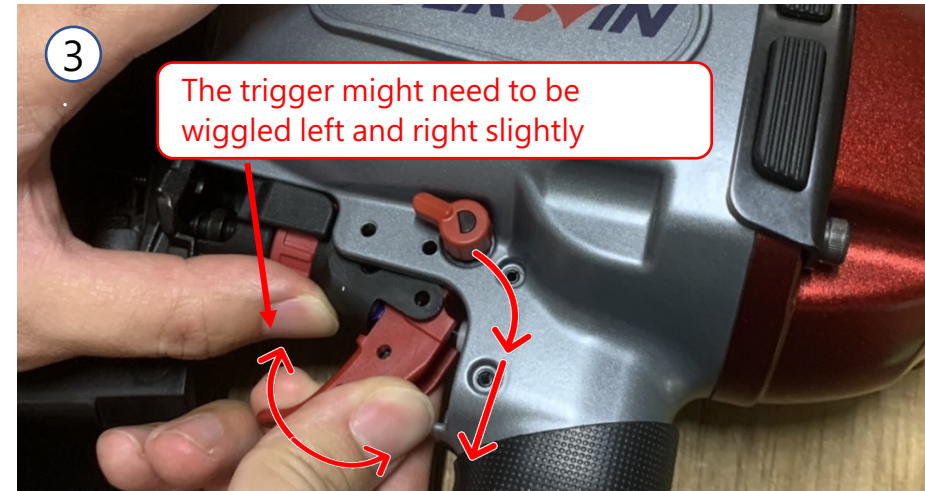
1. Remove pin (100966)



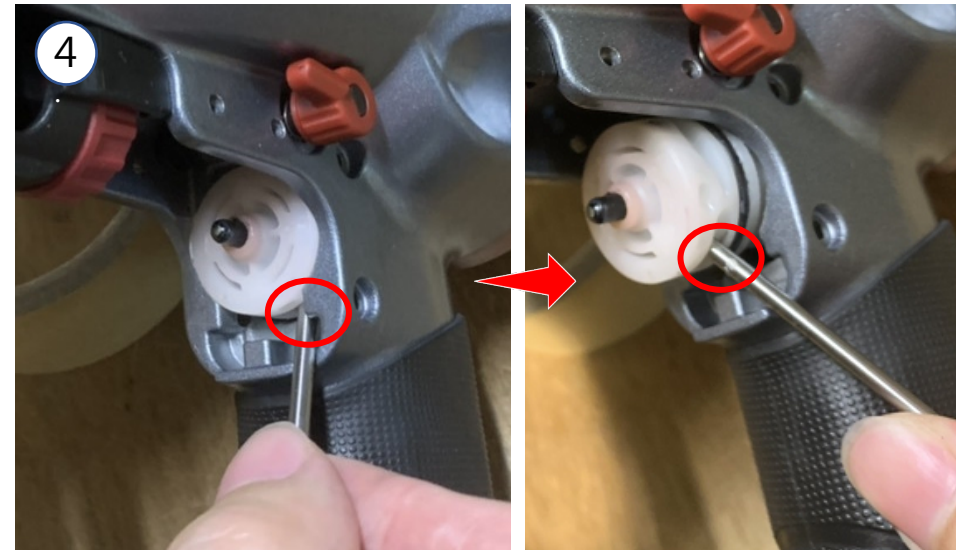
2. Remove pin (100174)



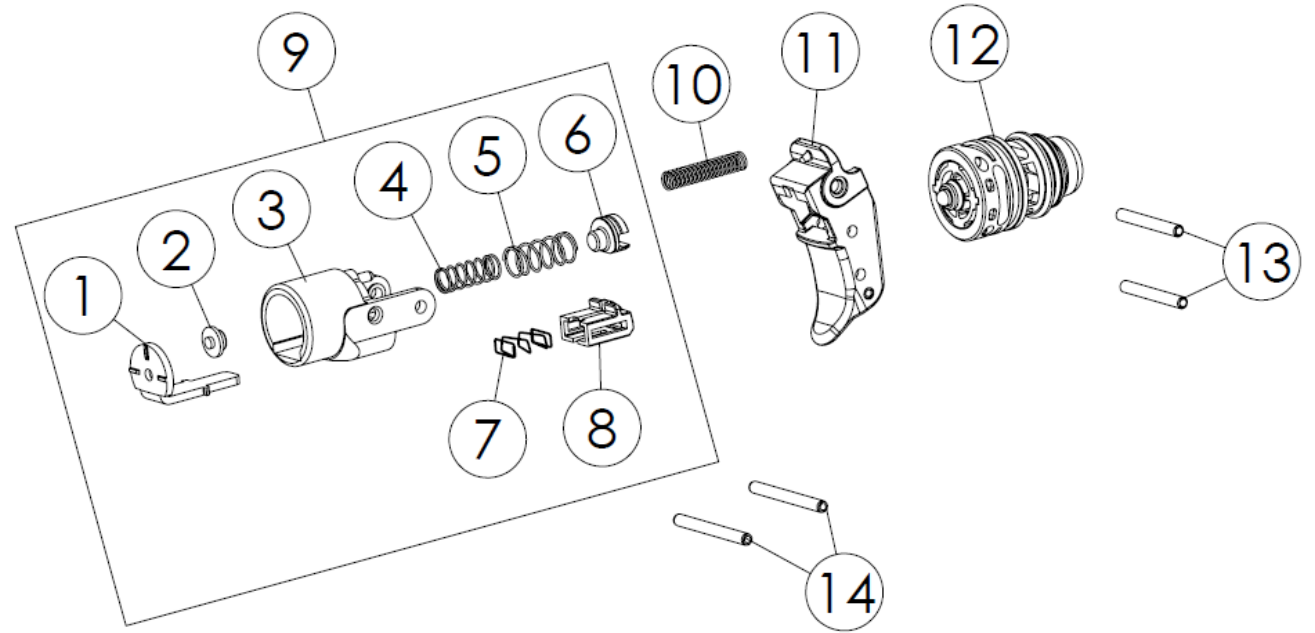
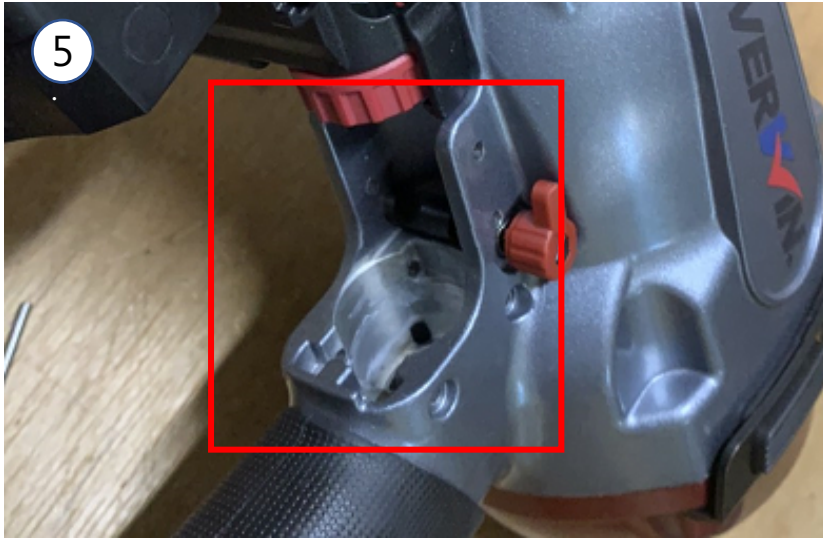
3. Remove trip guide (101650) · trigger (101649) in the direction shown hereunder.



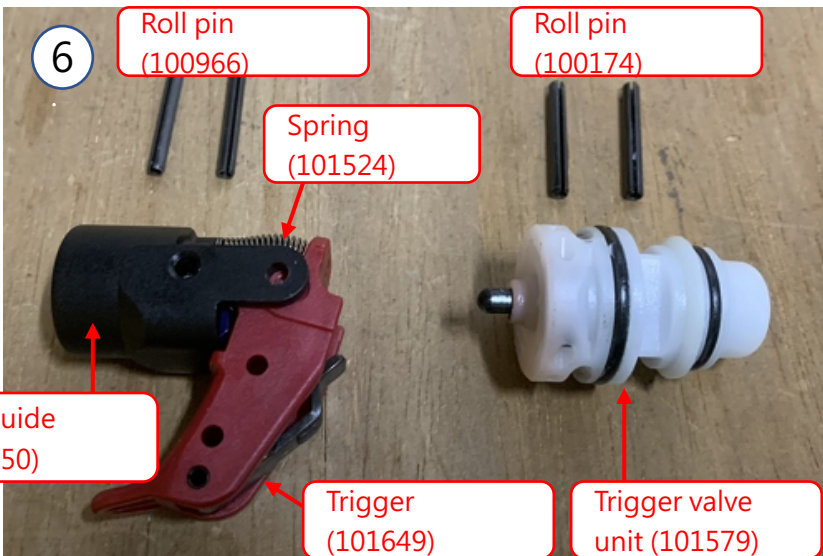
4. Extract the trigger valve unit



5. After dismantling, the result should look like the following

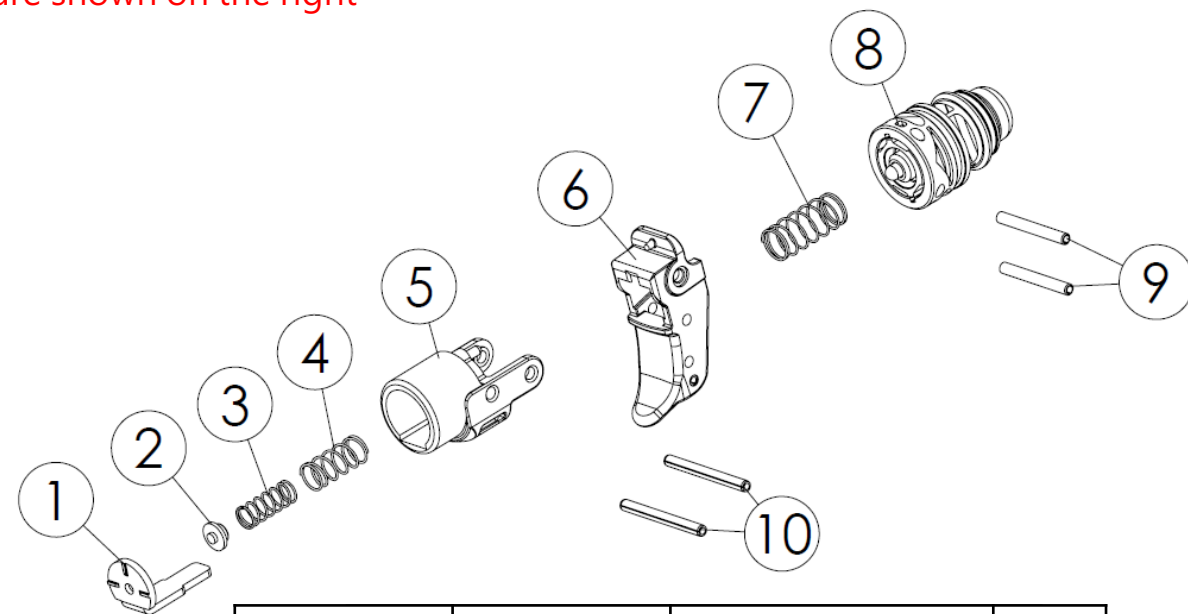
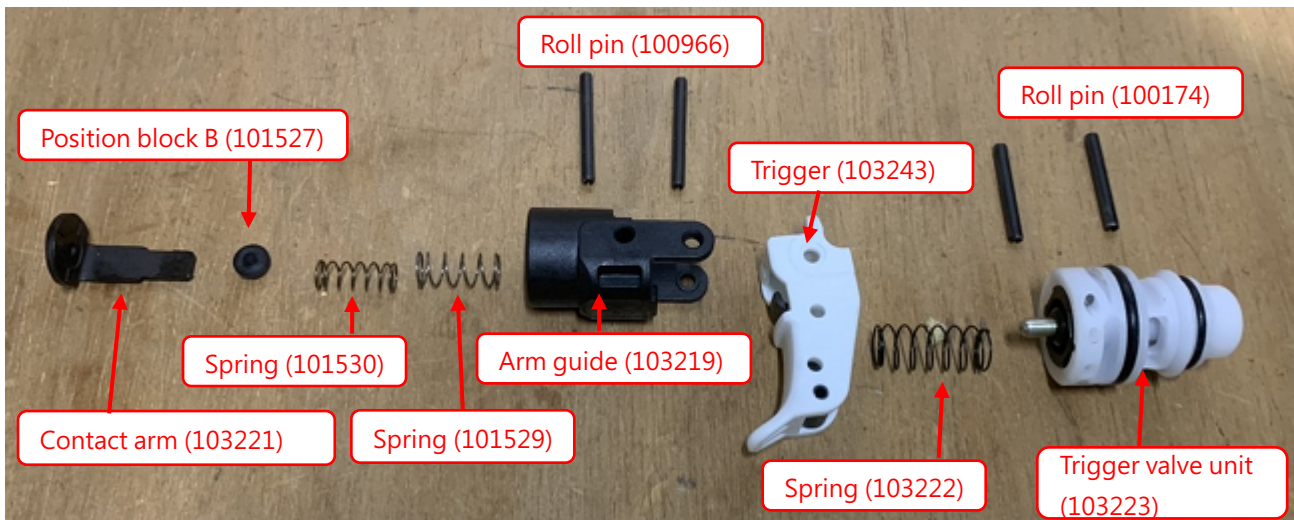


6. The following are parts you end up with



Item	Part NO.	Description	Quantity
1	101534	Contact arm	1
2	101527	Position block B	1
3	101528	Arm guide (smart trigger)	1
4	101529	Spring	1
5	101530	Spring	1
6	101526	Position block A	1
7	101533	Rectangular spring	1
8	101525	Control block	1
9	101650	Trip guide	1
10	101524	Spring	1
11	101649	Trigger	1
12	101579	Trigger valve unit	1
13	100174	Roll pin	2
14	100966	Roll pin	2

The following are parts that need to be put back together; Detailed schematics are shown on the right



Assemble the above parts per the following steps

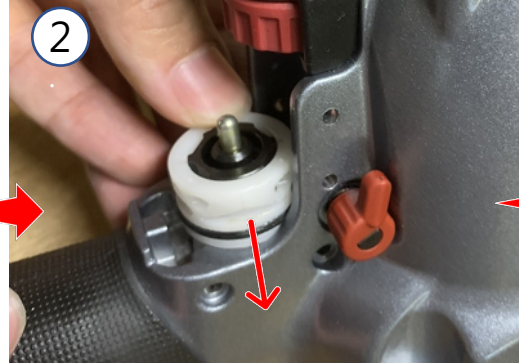




**NOTE:** For better distinction, the arm guide (103219) has the letter "T" engraved on it

Item	Part NO.	Description	Quantity
1	103221	Contact arm	1
2	101527	Position block B	1
3	101529	Spring	1
4	101530	Spring	1
5	103219	Arm guide	1
6	103243	Trigger	1
7	103222	Spring	1
8	103223	Trigger valve unit	1
9	100174	Roll pin	2
10	100966	Roll pin	2

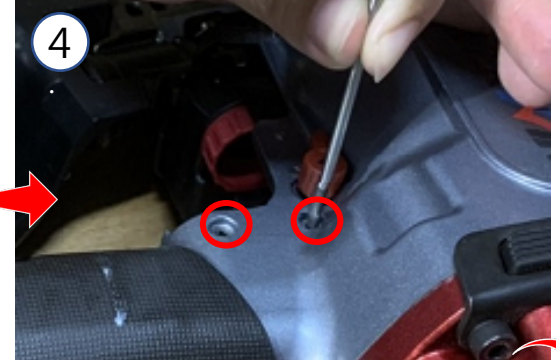
1&2. Insert the trigger valve unit in accordance to the direction shown below



3. Use rod (Ø2.8) to stabilize the trigger valve



4. Insert roll pin (100174)



8. Use rod (Ø2.8) to stabilize the arm guide



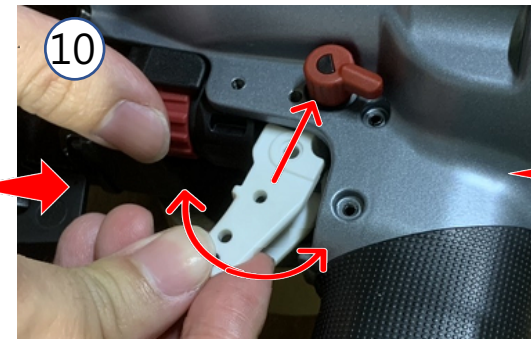
5,6&7. Hold down the contact arm with index finger to prevent parts from falling out and insert arm guide in the direction shown hereunder



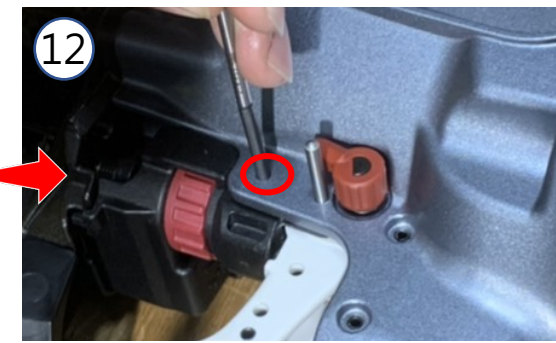
9. Place index finger on trigger rocker



10. Insert rocker as shown below

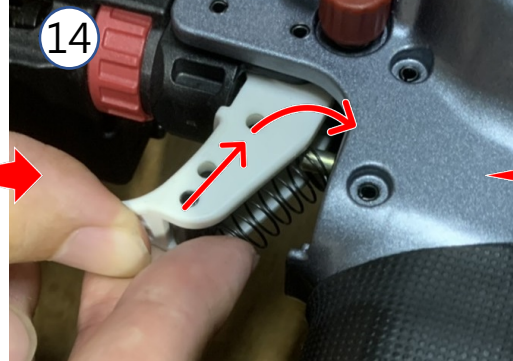


11&12. Use rod (Ø2.8) to stabilize the arm guide and trigger, then insert roll pin(100966)



13. Insert roll pin (100966) ◦

14. Insert spring (103222) as shown below 15&16. Test the safety and trigger to ensure they operate smoothly



#### Notes for the assembly process

- Pic 1&2: Make sure the trigger valve unit is fixed in the right direction in order to insert roll pin (100174) smoothly
- Pic 5,6&7: Make sure no parts inside the arm guide fall out as the arm guide is placed inside the tool body
- Pic 9&10: Place index finger on trigger rocker to prevent the rocker from getting stuck with the trigger valve unit
- Pic 14: Insert spring through the back of the trigger and push it upwards
- See video for details at <https://youtu.be/7B0llwqzxz0>