

QUICK GUIDE FOR SETTING THE TORQUE

- 1) Select the correct air hose and air fittings. Make sure there is no reduction that can strangle the airflow between the air pipeline, the compressor and the air outlet of the pulse tool.

MODELS	AIR HOSE SIZE (I.D.)	AIR FITTING (NPT)
FLEX (S) 30, 40, 50 (P)(PX)(S) (SX)(R) (RX)	¼" (6.5mm)	¼" (6.5mm)
FLEX (S) 60, 70, 90, 100 (P)(PX)(S) (SX)(R) (RX)	3/8" (8mm)	3/8" (8mm)
FLEX (S) 130, 150 (P)	½" (11mm)	½" (11mm)

- 2) Connect the air fitting to the air inlet of the tool and ensure there is not an air leak. Recommend to use Teflon tape or other sealing tape.
- 3) Adjust the air pressure to the proper setting as required for the application (please reference the torque range settings as listed in the product data sheet. The air pressure to be used with the tools are 70PSI or 85PSI.)
Note: if it is a new tool it is highly recommended to pour 2 or 3 drops of lubricant oil into the air inlet of the tool and run the tool for 10 to 30 seconds. Do this 2 or 3 times to lubricate the blades of the air motor.



- 4) Back the cap screw off on the pulse unit housing to access to the valve screw.

- 5) Rotate the anvil manually; make the valve screw inside the pulse unit align at the hole (where the screw is taken off). Then, use the hex key tool to adjust the torque. Increase torque by turning clockwise and counterclockwise to decrease the torque.



Note: Preferably start with the minimum torque setting as a reference point.

- 6) Rundown the tool onto the bolt or application until the tool shuts-off automatically or if it is a non shut-off tool, it must pulse between 3 to 5 seconds.

Note: if the tool pulses longer than 5 seconds, it is recommend to use the next model up for better results.

- 7) Measure the residual torque with a torque tester system, digital wrench or dial wrench.

- 8) Repeat the process (steps 5 to 7) until you achieve the desired torque setting for the tool.



- 9) Tighten the cap screw back to the pulse unit housing.

Note: For right angle pulse tools, The lock nut size is 34 mm, it should be tightened to 50 Nm and/or use thread locker compound.