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45527595
Edition 1
June 2007

Electric Screwdrivers

EL 24V DC Series

Product Information



Save These Instructions

Ingersoll Rand

EN

Product Safety Information

Intended Use:
These hand-held electric tools are designed for threaded joint fastening applications.

⚠ WARNING

- **Do not adjust the torque setting higher than 7 on the Torque Scale.**

For additional information refer to Hand-held Electric Angle Wrench, Screwdriver or Nut Runner used with a Controller Product Safety Information Manual Form 16573685.
Manuals can be downloaded from www.irtools.com

Product Specifications

Model Number	Torque Range		Free Speed	Weight	Length	Bit Size	Duty Cycle	Controller
	in.-lbs.	Nm	(RPM)	(lbs.)	(in.)	(in.)	(On/Off)	
EL0109B	0.26 - 1.30	0.03 - 0.15	650 - 950	0.7	8.63	0.16 Hex	0.5/3.5	EC24N
EL0410B	0.44 - 4.79	0.05 - 0.54	750 - 1000	0.8	8.63	0.25 Hex	0.5/3.5	EC24N
EL1007B	0.5 - 10.44	0.06 - 1.2	500 - 700	0.8	8.63	0.25 Hex	0.5/3.5	EC24N
EL0410BC	0.44 - 4.79	0.05 - 0.54	750 - 1000	0.8	8.63	0.25 Hex	0.5/3.5	EC24N
EL1007BC	0.5 - 10.44	0.06 - 1.2	500 - 700	0.8	8.63	0.25 Hex	0.5/3.5	EC24N

Torque Adjustment

To adjust the torque on these screwdrivers, proceed as follows:

1. Determine the torque output of the tool by checking a tightened fastener with a torque wrench.
2. Increase or decrease the torque output by rotating the Spring Adjusting Ring. Rotating the Ring **clockwise** to a higher number on the Torque Scale increases torque output while rotating the Ring **counterclockwise** to a lower number decreases the torque output.

NOTICE

The numbers on the Torque Scale are reference numbers only and are not an indication of actual torque output.

3. Check the adjustment with a torque wrench. A number of factors will affect torque output from one job to another. Final torque adjustment should be made at the job through a series of gradual increases. Always start below the desired torque and work upward.

Routine Maintenance

CAUTION

General Instructions:
Maintenance and repairs should be made only by authorized trained personnel; when such service or repair is required for these tools, contact the nearest **Ingersoll Rand** Authorized Service Center.

NOTICE

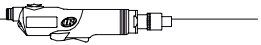
For Authorized Trained Personnel:
For 'Assembly / Disassembly' and other maintenance instructions regarding these products, see Maintenance Information Manual 45530136, located at www.irtools.com, or contact the nearest **Ingersoll Rand** Office or Distributor.

WARNING

Disconnect the tool from the power source before making any adjustments, changing accessories, or storing the tool. Such preventive safety measures reduce the risk of starting the tool accidentally.

Model Identification

Low Torque (Requires Controller)



* Power: 24V DC from Controller
* Cable Length: 5ft. Straight
* Sound: 65 dBA
* Reversible: Yes

E	L	04	10	B	C
CONTROL Electric	CONFIGURATION L Lever Start	TORQUE (max. approx) (in.- lbs.) 01 1 04 4 10 10	SPEED 07 700 rpm 09 900 rpm 10 1000 rpm	SOURCE VOLTAGE B 24V	CLEAN ROOM CERTIFICATION Class 100

(Dwg. TPD1824)

Parts and Maintenance

When the life of the tool has expired, it is recommended that the tool be disassembled, degreased and parts be separated by material so that they can be recycled.

The original language of this manual is English.

Tool repair and maintenance should only be carried out by an authorized Service Center.

Refer all communications to the nearest **Ingersoll Rand** Office or Distributor.

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