

SETUP & ASSEMBLY

STEP 1 INSTALL CONDUIT CLAMP

- Select the correct urethane clamp size: 10mm, 14mm, 16mm, 18mm, 19mm (¾").
- Test fit on conduit. If loose, size up and wrap conduit with electrical tape for a tight seal.
- Insert clamp into both top and bottom halves of the Air Boost. Ensure it sits flat.

STEP 2 INSTALL CABLE INSERT

- Select the correct cable insert compatible with the cable you will push: 0.3" drop thickness or 2mm, 3.5mm, 4.5mm or 5.5mm diameter round drop.
- Remove the rope seal (2 pieces above, 2 below)
- Loosen the set screws (1 above, 1 below)
- Install the selected cable inserts. Make sure they are all the way in.
- Retighten both set screws
- Reinstall rope seals.

STEP 3 ASSEMBLE UNIT

- Attach Air Boost to Fiber Driver; secure with thumb screw at rear.
- Thread fiber through Fiber Driver and Air Boost into conduit.
- Tighten Air Boost thumb knob.
- Ensure fiber slides freely.
- Apply drive wheel tension on Fiber Driver.
- Connect air supply.
- Attach drill.

OPERATION

STEP 1 GRADUALLY OPEN AIR VALVE TO FULL PRESSURE.

STEP 2 MONITOR DRILL MOTOR SOUND AND BACK PRESSURE FOR PROPER OPERATION.

TIPS & TRICKS

- Cut fiber at a sharp angle to ease insertion.
- Wrap tip with electrical tape to form a small "flag" for tight junctions.
- Start by manually pushing fiber; apply air only once resistance is felt.
- Stop immediately if excessive resistance or motor load occurs.

TROUBLESHOOTING GUIDE

ISSUE	SOLUTION
Fiber Slipping in Roller	Clear obstructions; increase fiber driver tension; confirm fiber path.
Drill Overheating	Use in short bursts; allow cooling; run in low gear only.
Fiber Stuck in Air Boost	Check drop thickness; try oversized Insert; file insert if necessary.
Conduit Slipping	Verify OD fits insert; use electrical tape to adjust seal.
Air Leaking from Body	Check seals. minor leakage is normal. Replace rope seal if mid-body leak.

COMPRESSOR REQUIREMENTS

- PSI Support: 90, 132, or 175 PSI
- Tank Size:
 - Min: 20 gal (ideal for 200–300 ft)
 - Larger tanks: Support longer runs

Note: *Undersized tanks require refill pauses. Ensure inverter can support AC compressor load.*

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