

STAR RELOADER INDEXER INSTALLATION AND ADJUSTMENT

Installation:

1. The indexer base is installed on the Star aluminum base casting in the two holes nearest to the case feeder slot on the shell disc and the primer feed mechanism.
2. The roller on the pick-up arm (22) will rest on the upper side of the die plate between the sizing die and the shell (or case) expander plug.
3. The two ¼ inch holes on the indexer plate (1) will align with two holes on the Star aluminum base.
4. Two bushings (2) go between the indexer plate at the base plate holes and the two holes in the Star aluminum base. The bushings locate the index plate at the correct height above the base. Use the same size bolts or screws use to attach the base to your bench, except make the bolts or screws longer by ¾ of an inch.

Adjustment:

1. Start adjustments without any cases or components in the press.
2. Use the press handle to lower the die plate. Make sure that the front face of the pusher (9) does not get pinched under the sizing die while lowering the die plate.
3. Use the adjustment bolt (11) to center the front face of the pusher (9) near the sizing die to avoid damaging the front face of the pusher while lowering the sizing die.
4. Loosen the ¼ - 20 nut (24) about ¼ turn on the other end of the bolt holding the swing arm (17) to the main post (14).
5. Using a 5/8th inch box end wrench, loosen the nut (25) that holds the roller bolt (22), the pick-up arm (19), and the locking bracket (21).
6. Use the Star operating handle to hold the die plate in the raised position.
7. Put an empty cartridge case into the shell holder disc at the primer station.
8. While holding the roller against the die plate, move the slider (26), until the front face of the pusher (9) almost, but not quite touches the side of the empty cartridge case.
9. Tighten the nut (25) against the bracket onto the shoulder bolt (20) holding the roller (22).
10. With the die plate up, and the pick-up roller (22) against the die plate, the pusher (9) should almost touch the empty case in the primer station.
11. If the previous step is satisfactory, tighten the ¼ nut against the shoulder bolt (part 18), and you are ready to use your indexer.