



LYCOFIT®

Mechanical Tapping Tee Installation Instructions

LYALL

Manufactured by:
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Conforms to Code of Federal
Regulations Title 49 Part 192
ASTM D 2513, F 1924

IMPORTANT

- DO NOT apply lubricants to LYCOFIT barbs or sleeves.
- LYCOFIT couplings to be installed on PE pipe produced to ASTM D 2513 specifications only. Ensure that the outlet service connection spigot and PE pipe are the same size and SDR or wall thickness.
- Ensure o-rings are kept clean and in position when installing Tapping Tee.

1. PREPARE PE PIPE: Thoroughly clean the entire pipe surface where the Tapping Tee will be installed. DO NOT place the saddle o-rings over gouges or scratches on the pipe surface. Refer to document # LIT-LCTTTDP for the procedure to repair scratched PE pipe.

2. MOUNT TEE ON MAIN: Remove Tapping Tee from bag. Take care not to allow dirt to contaminate o-rings or to enter the cutter cavity. Position the top half of the Tapping Tee on the main, align the tee's outlet (barbed spigot) in a horizontal position and press onto pipe surface (as shown in Fig. A). Align the bottom half of the Tee with the bolt holes in the top half. Press evenly together leaving an equal gap between the halves on both sides. Spin the four (4) flange nuts onto the bolt studs until hand tight (nuts should spin freely).

3. TIGHTEN NUTS: Using a nut driver, tighten the nuts one turn at a time in a criss-cross pattern until the corners of the top and bottom flanges are brought together (approximately 60 to 95-in. lb.). Do not over tighten.

4. CONNECT OUTLET: After the Tapping Tee is secured to the service main, install the service outlet line as described in the LYCOFIT COUPLING Installation Procedure.

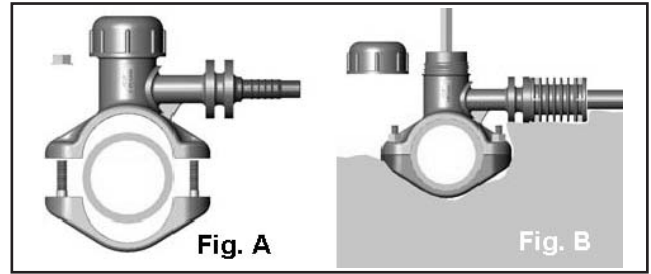


Fig. A

Fig. B

5. LEAK TEST: To assure proper assembly, and to comply with CFR Title 49, Part 192 sub part J Test Requirements, the Tapping Tee may now be pressure tested through the service line connection (PE pipe outlet) or cap prior to tapping into the Main.

6. TAP THE MAIN: Remove the Tapping Tee Cap. Be careful not to allow dirt into the cap or cutter area. Insert a 'T' handled 3/8" hex drive into the cutter and tap the Main. Advance the cutter until contact has been made with the stop. DO NOT CONTINUE TO ADVANCE CUTTER AFTER CONTACTING THE STOP. Unscrew cutter until top of cutter is approx. 1/4" below the rim of the tapping tee top.

7. INSTALL CAP: Inspect cap for cleanliness and seating of o-ring in groove. Inspect Tapping Tee top rim and thread for cleanliness and cutter position. Re-install the cap tightly by hand (cap must contact stop). DO NOT USE WRENCH TO TIGHTEN CAP.

8. FINAL LEAK TEST: Pressurize and soap test Tapping Tee cap, saddle and outlet connections to assure proper assembly.

9. BURIAL: During backfill, ensure that the earth is fully compacted under the tapping tee; it's outlet connection, and the adjacent PE pipe (as illustrated in Fig. B).