

# YELLOW JACKET®

## Calibrated A/C Screw Injector 69729, 69730, 69731 & 69732

### Cautions

Always wear safety goggles and gloves when injecting dye. Always wear UV goggles to enhance viewing of dye and to protect eyes.

- 1) Filling injector - hold injector upright
  - A. Close ball valve on hose.
  - B. Unscrew cap on injector.
  - C. Retract plunger in injector by rotating handle counter clockwise.
  - D. Hold upright and fill injector with dye up to the bottom of the threads before screwing on the top.
  - E. Hold upright while screwing the cap back on.
- 2) Purging the hose - especially after the initial fill
  - A. There is air trapped in the hose that must be purged. Wrap a cloth around the hose end to trap dye when purging air.
  - B. Open ball valve.
  - C. Place a rag around opening of service connector to catch dye.
  - D. Purge air by opening the service fitting and rotating the injector handle clockwise to fill the hose with dye. Then close valve.
  - E. Clean up any dye on hose/coupler end.
- 3) Injecting Dye
  - A. Make sure car engine is turned off.
  - B. Attach service connector on injector to the A/C low side service port.
  - C. If the service connector has a valve, turn it clockwise to depress Schrader valve core and open port. Then, open ball valve.
  - D. Rotate handle of injector clockwise while holding injector body with other hand.
  - E. After dye is in A/C, close service valve handle and close ball valve COMPLETELY before disconnecting from car. This will prevent accidental discharge.
- 4) About dye

There is a chart on the side of the injector. For all YELLOW JACKET dyes, use the standard chart which allows for 1/2 oz. per car on a small HVAC/R system.

Ritchie Engineering Co., Inc.  
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