



# How to Service a Broken Duct Rod Fitting

## Orange Rod Material

Use appropriate fitting kit:

email: [info@gmptools.com](mailto:info@gmptools.com)

tele: +1.215.357.5500

1/4" Male End Fitting, # 89411  
Female End Fitting, # 89412

3/8" Male End Fitting, # 89413  
Female End Fitting, # 89414

1/2" Male End Fitting, # 89415  
Female End Fitting, # 89416

**▲ IMPORTANT** - Avoid contact with skin and eyes. For skin, wash affected area with soap and water. Do not take internally. If taken internally seek medical attention immediately. If in contact with eyes, flush, with plenty of water. Use with adequate ventilation. Consult Material Safety Data Sheet for more information at [http://www.gmptools.com/pdf/DB\\_AB.pdf](http://www.gmptools.com/pdf/DB_AB.pdf)

1. Cut-off, squarely, broken rod end with a fine tooth hacksaw.
- ▲ IMPORTANT – Don't cut surface of fiberglass rod core in step 2.**
2. Mark rod 2" from end on 3/8" and 1/2" rod or 5/8" from end on 1/4" rod. Carefully cut cover circumferentially at mark and remove cover.
3. Roughen core with sandpaper provided.
4. Clean core with cleaning solvent. Surfaces must be clean, dry and free of sandpaper dust or foreign substances.
5. Mix epoxy as follows:  
**▲ IMPORTANT – working time is approximately 3 to 5 minutes at 75° F.**  
a) fold    b) cut    c) squeeze    d) mix thoroughly
6. Insert 2/3 of epoxy into coupling. Apply remaining epoxy to rod.
7. Insert rod into coupling and rotate. Remove excess epoxy. Rod can be used 1 hour after assembly under normal room temperature conditions. Full physical properties aren't developed for at least 24 hours at room temperature.