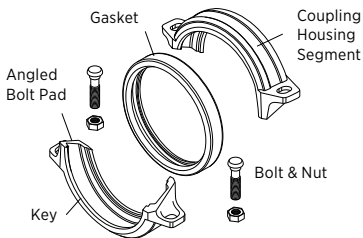


# SHURJOINT® INSTALLATION INSTRUCTIONS

## Z07, Z07N & Z05 ANGLE PAD RIGID COUPLINGS



Please read these instructions carefully before installation.

1. Refer to page 48 for preliminary steps 1 - 5.

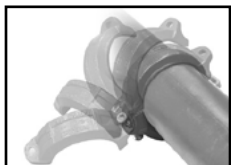
### 2. ASSEMBLE COUPLING:

For a “swing-over” assembly loosely install one bolt and nut on one side of the coupling. For a standard assembly start with the two housings separated.



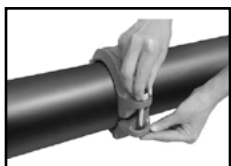
### 3. INSTALL COUPLING HALVES:

For a “swing-over” installation, place one of the coupling halves around the bottom side of the gasket and swing over the other coupling half into position over the top side of the gasket. In tight areas where a swing-over is not possible, install the coupling halves one at a time. In both cases make sure the coupling keys are engaged in the grooves.



### 4. INSERT BOLT & NUT:

Insert the remaining bolt and apply the nut hand-tight. Make sure that the oval neck of the bolt engages into the bolt hole of the housing.



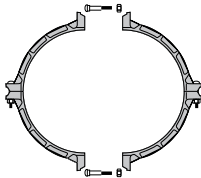
### 5. TIGHTEN NUTS:

(For 1-1/4" to 12" Models Z07 and Z05 Couplings): Tighten nuts alternately and equally until the bolt pads meet and make metal-to-metal contact. Tighten nuts by another one quarter to one half turn to make sure the bolts and nuts are snug and secure. The use of a torque wrench is not required.



Ensure coupling bolt pads  
make metal-to-metal contact.





### 6. LARGE DIAMETER COUPLING:

Large diameter couplings over 14" that consist of three to four housing segments. To prepare installation, preassemble the segments loosely into two or three equal assemblies depending on sizes. Install those assemblies over the gasket in the same manner as described above.



### 7. TIGHTEN NUTS:

(For 14" to 24" Models Z07 & Z07N Couplings)  
Tighten nuts alternately and equally until the bolt pads meet and make metal-to-metal contact. Tighten nuts by another one quarter to one half turn to make sure the bolts and nuts are snug and secure. The use of a torque wrench is not required.

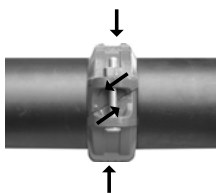
*Ensure coupling bolt pads  
make metal-to-metal contact.*



## ▲ CAUTION ▲

1. Uneven tightening of bolts and nuts may cause the gasket to be pinched, resulting in an immediate or delayed leak.
2. Never exceed torque stated in the table on page 34. Excessive tightening of nuts may cause a bolt or joint failure.

## NOTE



As the coupling bolts are tightened, the angled bolt pads slide in opposite directions causing the coupling keys to tightly grip the pipe, while at the same time the pipe grooves are forced outward against the coupling keys. The bolt pads should always maintain metal-to-metal contact. Tighten nuts by another one quarter to one half turn to make sure the bolts and nuts are snug and secure. The use of a torque wrench is not required.