

# INSTRUCTIONS FOR ASSEMBLING BELDEN UNIVERSAL JOINTS

## INSTRUCTIONS

TIP TO EASE ASSSEMBLY, USE A V-BLOCK WITH A HOLE DRILLED IN BOTTOM TO ENABLE THE ASSEMBLY TOOL TO PASS THROUGH IT.

STEP 1 THOROUGHLY CLEAN ALL COMPONENTS.

STEP 2 PRE-ASSEMBLE UNIVERSAL JOINT WITHOUT SNAP RING OR GREASE TO VERIFY CORRECT MOVEMENT OF UNIVERSAL JOINT, i.e. THE MOTION SHOULD BE SMOOTH.

STEP 3 DISASSEMBLE UNIVERSAL JOINT.

STEP 4 LIGHTLY GREASE ALL BEARING AND/OR CONTACT SURFACES.

STEP 5 INSTALL THE LARGE DIAMETER PIN THROUGH ONE HOLE IN THE LARGE HOLE YOKE. WITH THE LARGE CROSS HOLE OF THE BLOCK IN LINE, PUSH THE LARGE PIN THROUGH THE BLOCK AND INTO THE OTHER HOLE OF THE LARGE HOLE YOKE.

STEP 6 PLACE SNAP RING INTO COUNTERBORE OF BLOCK AND POSITION SMALL HOLE YOKE ON CENTER OF COUNTERBORED CROSSHOLE.

STEP 7 INSERT ASSEMBLY TOOL INTO SMALL HOLE YOKE, AND USE SMALL PIN TO LIGHTLY DRIVE THE ASSEMBLY TOOL THROUGH THE UNIVERSAL JOINT. NOTE, BE CERTAIN TO CORRECTLY ORIENT GROOVE IN SMALL PIN TO COINCIDE WITH LOCATION OF SNAP RING IN BLOCK.

STEP 8 CHECK FOR PROPER ENGAGEMENT OF SNAP RING GROOVE OF SMALL PIN BY TAPPING ON SMALL PIN WITH A DRIVE PIN PUNCH AND HAMMER.

