

## New Style Crossport and Singling Plate

In conjunction with an overall effort to reduce potential leakage and as part of a SAE O-ring program a new method had been designed to crossport and single an MSP or MXP divider block. The old method utilized a transfer bar and hollow bolts that were threaded into the indicator ports on the front of the working sections. This method was susceptible to potential leakage due to the height tolerance of individual blocks, and would occupy an indicator port on each of the blocks that was being crossported. This new method will leave the indicator ports free for use. In addition, all MSP and MXP working sections now will have an O-ring style indicator port, which will not accept the old style crossport and singling bar. Therefore, the old style bar will no longer be available.

The new method uses a porting plate that is installed between the working section and the base section. The plate is O-ring sealed and is clamped in place using longer Valve Section Mounting Screws. The part numbers for kits which include the plate itself, O-rings, and a set of longer mounting screws are also available.

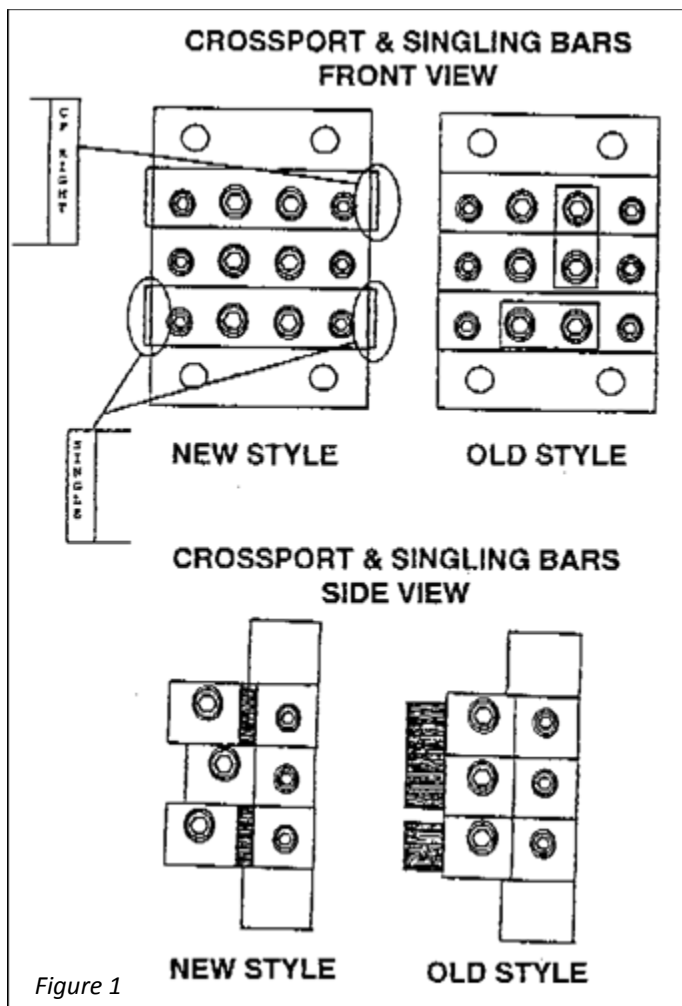


Figure 1

There are two **VERY IMPORTANT** issues when using the new plate:

When two blocks are being crossported, (1) the one closest to the inlet section is the one the plate must be placed under, and (2) the plumbing **MUST** be attached to

**CRITICAL NOTE:** Lubrication line must be connected to crossported section furthest from feeder input or **SYSTEM BLOCKAGE** will occur.

the block that does not have the plate under it (see Fig. 1 and Fig. 2). The block that is being either singled or crossported will be recognized by the fact that it is elevated approximately 0.300 inches (3/16" approx.) higher than the other sections. The plates are also wider than the

## New Style Crossport and Singling Plate

other sections. The plates are also wider than the working section and stamped on the portion that extends beyond the working section. The stamping will either be a "CP RIGHT" on the right side of the plate for a crossport right plate, a "CP LEFT" on the left side of the plate for a crossport left, a "CP RIGHT" on the right and a "CP LEFT" on the left for a crossport both, or a "SINGLE" on both sides for a singling plate.

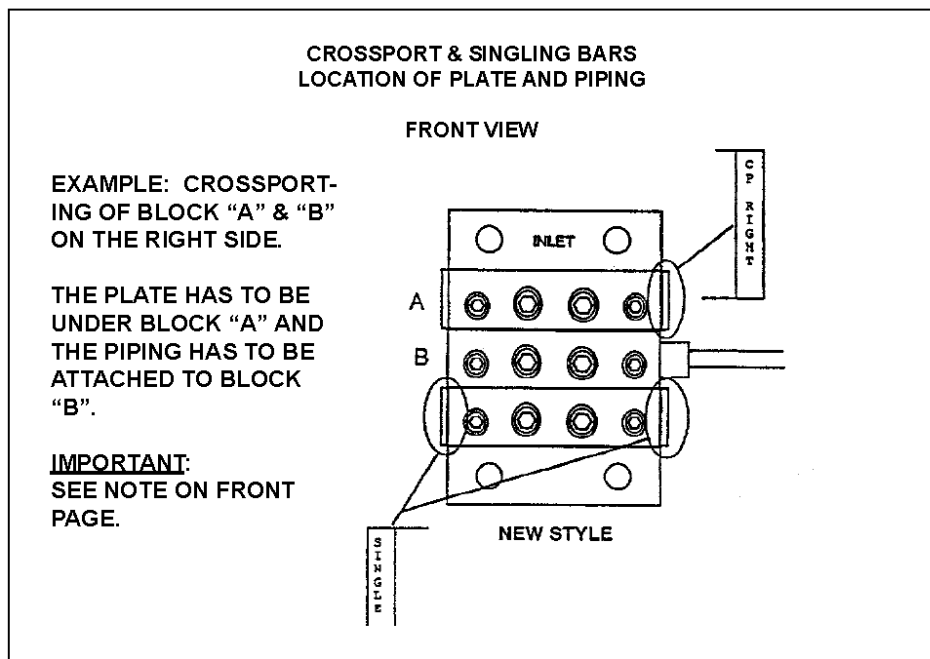


Figure 2

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### **SAFETY BULLETIN**

This notice is issued to advise you that some previously accepted shop practices may not be keeping up with changing Federal and State Safety and Health Standards. Your current shop practices may not emphasize the need for proper precautions to insure safe operation and use of machines, tools, automatic loaders and allied equipment and/or warn against the use of certain solvents or other cleaning substances that are now considered unsafe or prohibited by law. Since many shop practices may not reflect current safety practice and procedures, particularly with regard to the safe operation of equipment, it is important that you review your practices to ensure compliance with Federal and State Safety and Health Standards.

### **IMPORTANT**

The operation of any machine or power-operated device can be extremely hazardous unless proper safety precautions are strictly observed. Observe the following safety precautions:

#### **ALWAYS:**

- ✓ Be sure proper guarding is in place for all pinch, catch, shear, crush, and nip points.
- ✓ Be sure that all personnel are clear of the equipment before starting it.
- ✓ Be sure the equipment is properly grounded.
- ✓ Turn the main electrical panel off and lock it out in accordance with published lockout/tagout procedures prior to making adjustments, repairs, and maintenance.
- ✓ Wear appropriate protective equipment such as safety glasses, safety shoes, hearing protection, and hard hats.
- ✓ Keep chemical and flammable material away from electrical or operating equipment.
- ✓ Maintain a safe work area that is free from slipping and tripping hazards.
- ✓ Be sure appropriate safety devices are used when providing maintenance and repairs to all equipment.

## New Style Crossport and Singling Plate

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### **NEVER:**

- ✓ Exceed the rated capacity of a machine or tool.
- ✓ Modify machinery in any way without prior written approval of the Besser Engineering Department.
- ✓ Operate equipment unless proper maintenance has been regularly performed.
- ✓ Operate any equipment if unusual or excessive noise or vibration occurs.
- ✓ Operate any equipment while any part of the body is in the proximity of potentially hazardous areas.
- ✓ Use any toxic flammable substance as a solvent cleaner.
- ✓ Allow the operation or repair of equipment by untrained personnel.
- ✓ Climb or stand on equipment when it is in operation.

It is important that you review Federal and State Safety and Health Standards on a continual basis. All shop supervisors, maintenance personnel, machine operators, tool operators, and any other person involved in the setup, operation, maintenance, repair or adjustment of Besser-built equipment should read and understand this bulletin and Federal and State Safety and Health Standards on which this bulletin is based.