

## FUEL PUMP FITTINGS USING 'O' RING SEALS by Dave DuBois

The new AZX 1300 series, AZX 1400 series, AZX 1500 series SU fuel pumps are now using an 'O' ring between the ports of the pump and the banjo fitting (see pictures below). If your pump has a recessed area on the inlet and outlet ports, you need an 'O' ring at that point instead of a fiber washer that was used on the earlier pumps.



The order of assembly for the banjo fitting on these new pumps is as follows: Fit the 'O' ring into the recessed area of the pump's inlet and outlet ports (Note: fitting one of the old standard fiber washers into this area will cause the fitting to leak), the banjo fitting goes on top of the 'O' ring with the flat surface against the 'O' ring, a standard fiber washer goes into the recessed area on the top of the banjo fitting, and finally the banjo bolt is inserted through the fitting, into the port and is tightened until the fitting is good and snug against the port.

Unfortunately, the new pumps are not shipped with new 'O' rings so it is necessary to purchase them yourself. The Moss P/N is 370-655, Burlen Fuel Systems P/N is AUB 654, the standard Parker 'O' ring P/N is 2-017 (usually available from NAPA). The dimensions of the 'O' ring (for those who are unable to find them any other way) are: ID – 0.680", W (thickness of the rubber) – 0.070". If the auto parts store you are purchasing the 'O' rings from has them listed by fractional sizes, you will have to ask for 'O' rings measuring 11/16" ID by 1/16" W or thickness of the rubber.