



TECH BULLETIN

051
04/88

Published regarding engineering changes and improvements

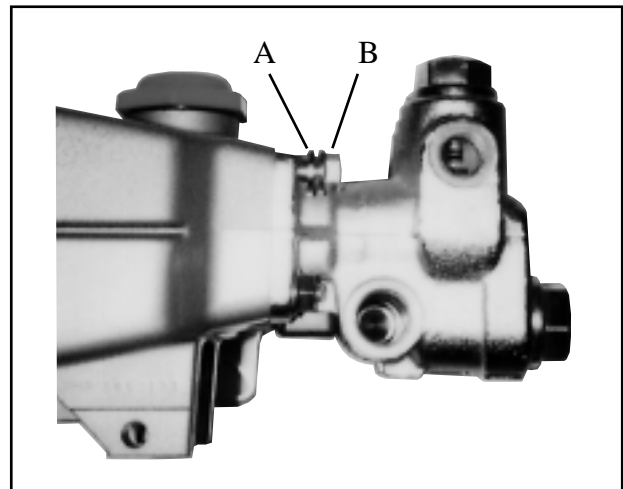
SUBJECT: Manifold and Crankcase Changes
530, 550, 560, 519.1, 519.118, 589.1, 589.118
OEM 51, 53, 55, 51G1, 51G118, 58G1, 58G118

To standardize production and extend our parts commonality between models, the 5FR and 7FR plunger pumps have been modified to use the M10 manifold mounting hardware. This modification requires a new part number for both the crankcase and manifold head.

The old M8 manifolds will no longer be available, however, to service a pump, four (4) spacers will be supplied with each replacement M10 manifold which are required to properly mount and align the new M10 manifold onto an old M8 crankcase stud.

The correct procedure for installing a new M10 manifold onto the old M8 crankcase starts with sliding the manifold onto the ceramic plungers and snugging it up to the crankcase. Next, insert the smaller O.D. of each spacer (A) over the end of each exposed stud and into the manifold tapped holes. Thread on the old flanged nuts (B) and torque to 125 in/lbs.

See reverse side for cross reference chart.



CAT PUMPS
Technical Services Department

Rev. 01/94

Part Number Cross Reference Charts

Standard Models

Description	Model	M8	M10C	M10F
Manifold	530.....	43241	—	45417
	550.....	43314	45142	45547
	560.....	—	45058	45937
Spacers	530, 550.....	—	45386	45386
Stud/Bolts/Nuts	530, 550.....	85631 & 101804	87935 & 12503	85694 & 45550
	560.....	44556	87935 & 12503	85694 & 45550
Crankcase	530, 550, 560.....	43209	45056	45056

O.E.M. Models

Description	Model	M8	M10C	M10F
Manifold	53, 58G1, 58G118.....	44048	—	45419
	55, 51, 51G1, 51G118....	44265	45140	45549
	56, 57.....	—	45047	45937
Spacers	53, 58G1, 58G118, 55, 51G1, 51G118.....	—	45386	45386
Stud/Nut/Screw	53, 58G1, 58G118, 55, 51, 51G118.....	85631 & 101804	87935 & 12503	85694 & 45550
	56, 57.....	44556	87935 & 12503	85694 & 45550
	53, 58G1, 58G118, 55, 51G1, 51G118.....	44231	44555	44555
Crankcase	56, 57.....	—	—	44555