



Maintenance Bulletin (MB-0015)

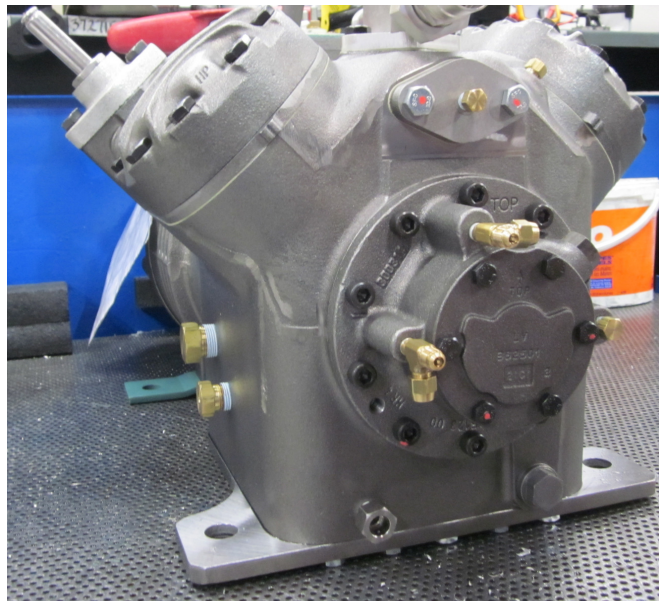
REPLACING THE OIL PUMP B5/BE5 - B6/BE6 SERIES

March, 2016

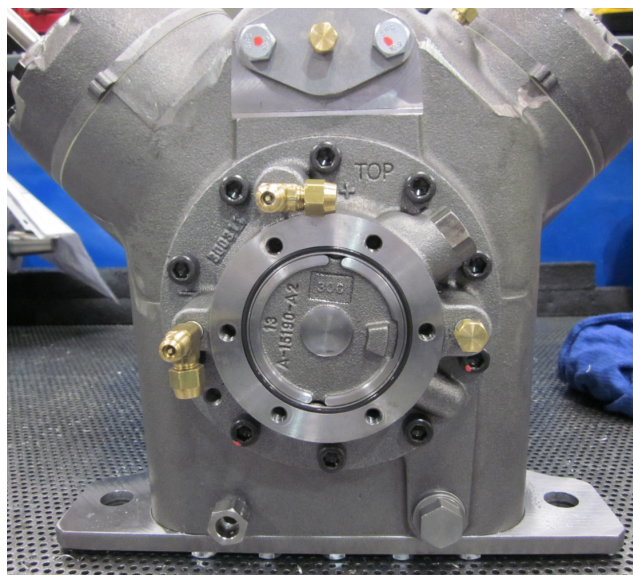
REPLACING THE OIL PUMP B5/BE5 - B6/BE6 SERIES

Process:

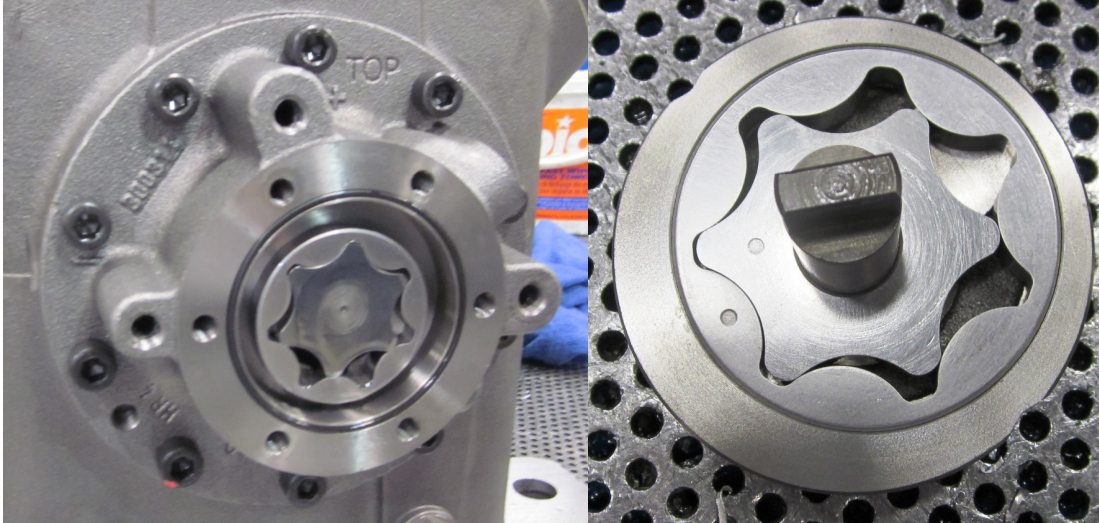
- 1) Remove all pressure from the compressor
- 2) Turn the Schrader valves to create clearance in order to remove the oil pump cover plate.
- 3) Undo the (6) M8 bolts on the oil pump cover plate.



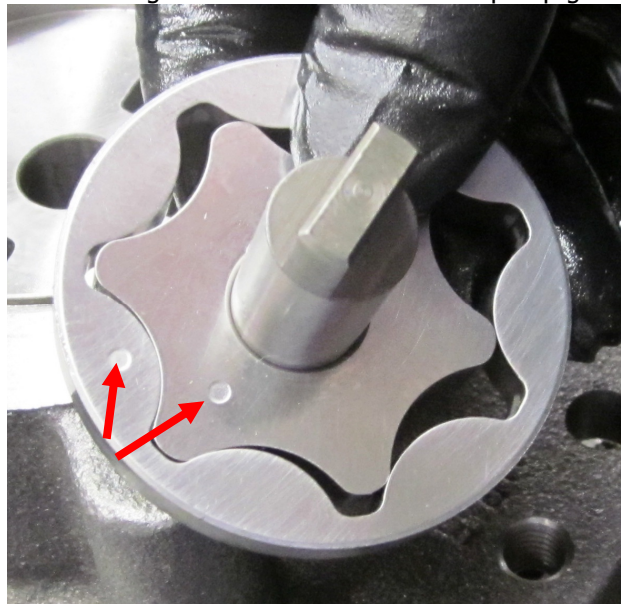
- 4) Remove the oil pump cover plate and o-ring.



5) Remove the oil pump cap and rotor assembly (these are the "gear" components and the housing for the two).

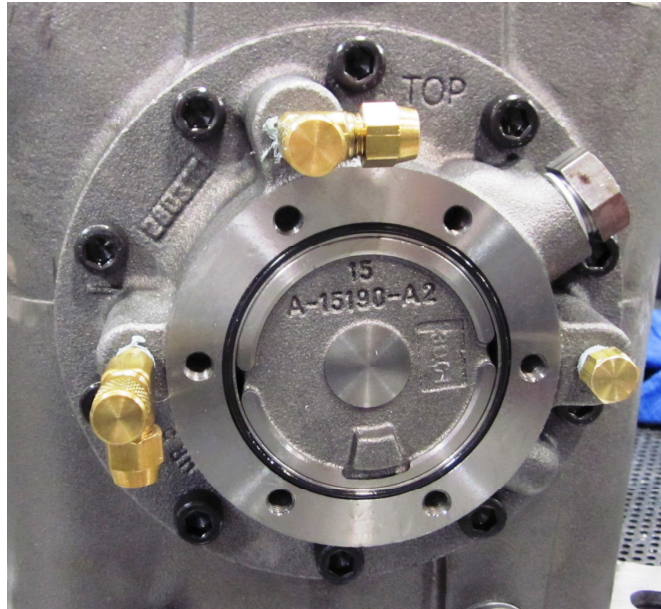


6) Re-install the pump components ensuring that the small "dot" on the pump gears are on the same side.



7) Re-install the oil pump cap ensuring that it spins easily in both clockwise and anti-clockwise directions.

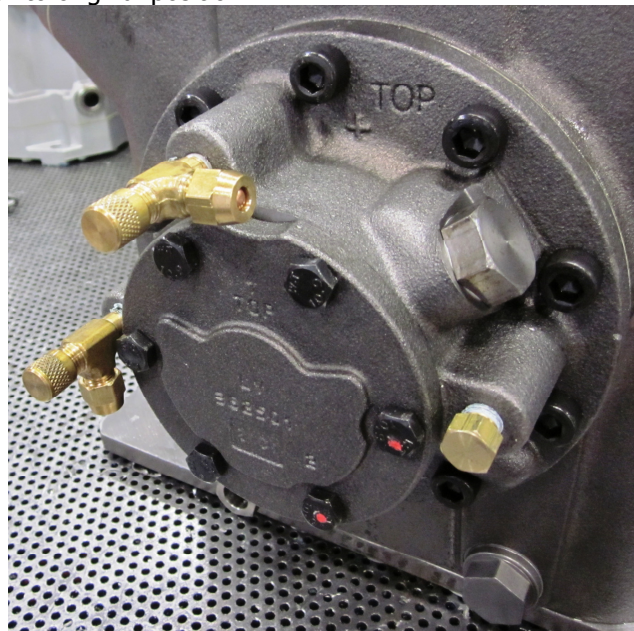
8) Re-install the o-ring. Apply oil to the o-ring prior to assembly to promote a good seal.



9) Re-install the oil pump cover plate, while ensuring the o-ring stays in the groove on the bearing cap during replacement of the pump cover plate.

10) Torque the (6) M8 bolts to 23Nm (17lbf ft).

11) Pivot Schrader valves back to original position.



12) Oil pump replacement complete

Please Note: If the gear components cannot be removed, the whole bearing cap must be removed. If this is done then an aluminum washer must be ordered for the OMS plug (the current one cannot be reused) and a bearing cap gasket must also be ordered, the gasket should be oiled to ensure a good seal. The bearing cap M10x30 bolts torque at 80Nm (60lbf ft) crosswise and at least in 2 steps.

